

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032720.D
 Acq On : 15 Feb 2018 19:10
 Operator : SJ/JU
 Sample : J1404-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-021418

Manual Integrations
 APPROVED

Sohil
 2/16/2018 2:27:16 PM

Quant Time: Feb 16 03:33:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.62	152	25538m	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	105625	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	60201	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	217338	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	309148	20.00	ng	-0.05
86) Perylene-d12	25.93	264	206095	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	179209	140.79	ng	-0.04
7) Phenol-d6	7.75	99	185353	106.49	ng	-0.05
23) Nitrobenzene-d5	9.82	82	142796	85.92	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	203394	219.42	ng	-0.04
44) 2-Fluorobiphenyl	13.89	172	555884	115.47	ng	-0.04
78) Terphenyl-d14	20.56	244	1377993	101.59	ng	-0.03

Target Compounds Qvalue

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

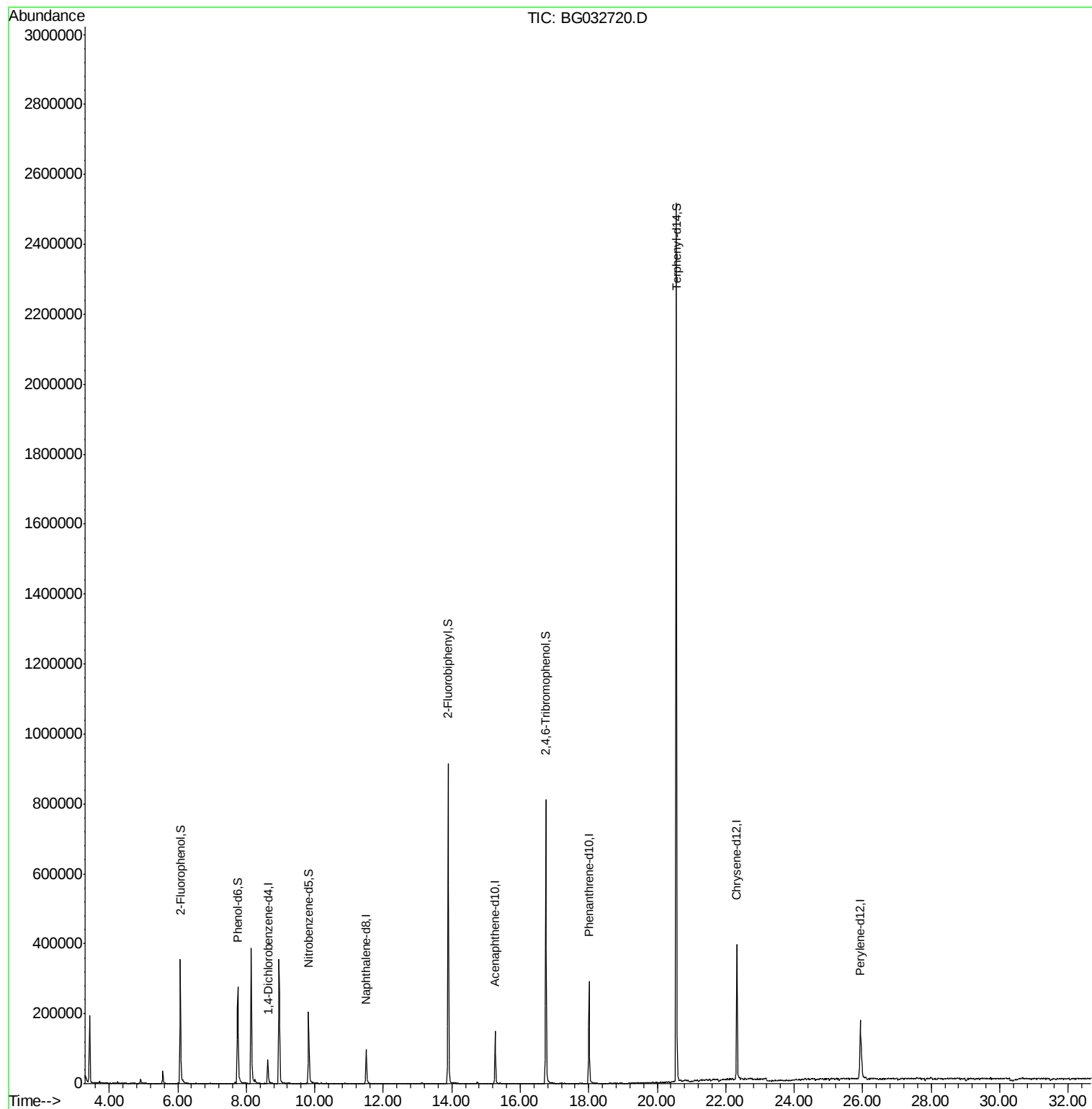
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

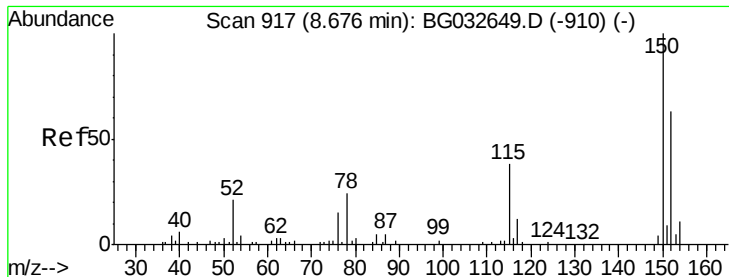
Instrument :
BNA_G
ClientSampleId :
TR-04-021418

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#1

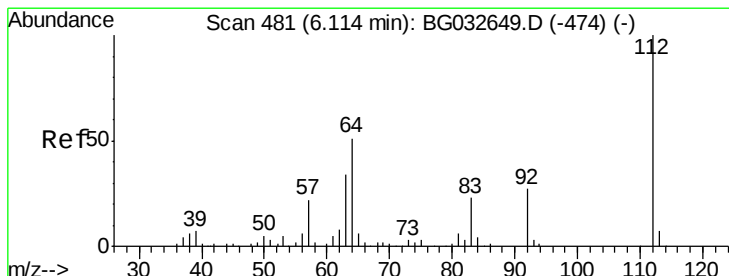
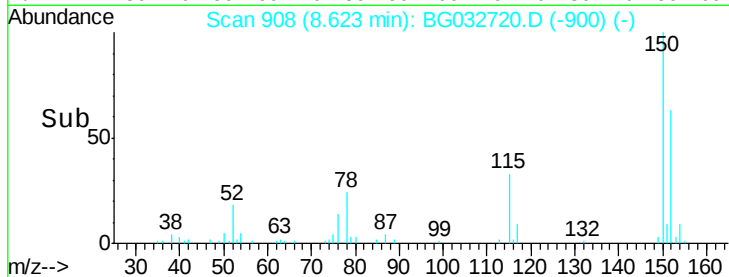
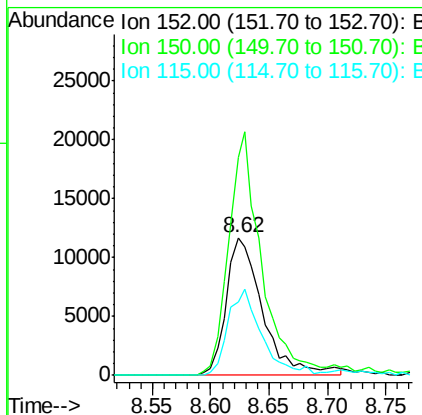
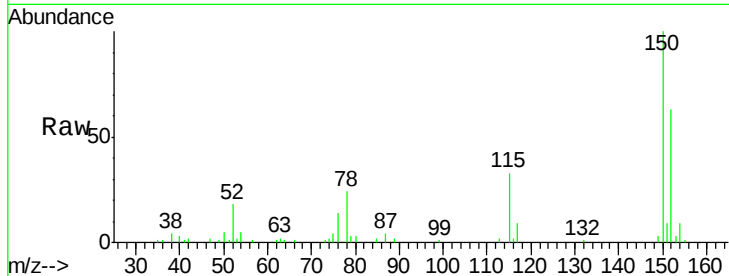
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 8.62 min Scan# 908
 Delta R.T. -0.05 min
 Lab File: BG032720.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_G
 ClientSampleID :
 TR-04-021418

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	189.8
115	53.0	53.0	79.4

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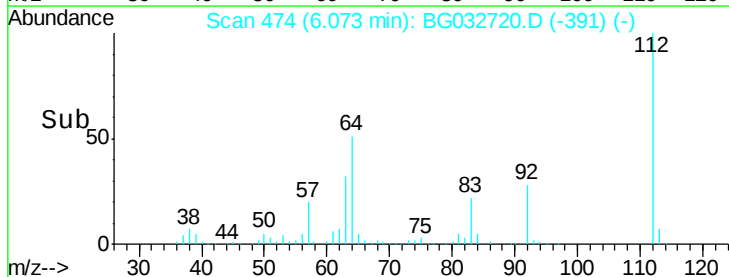
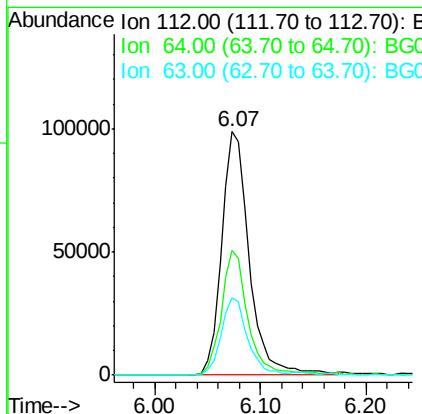
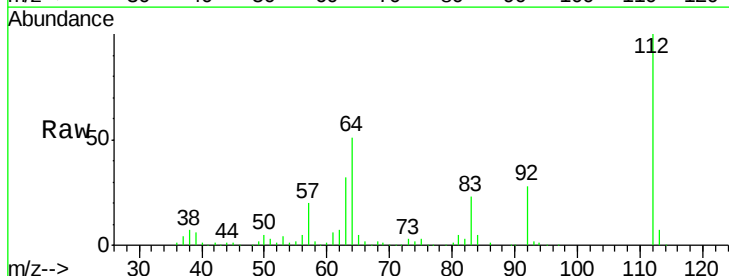
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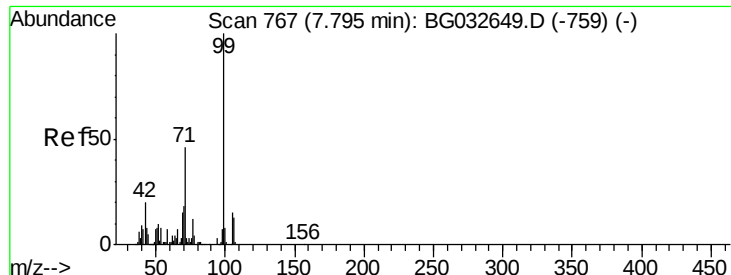


#5

2-Fluorophenol
 Concen: 140.793 ng
 RT: 6.07 min Scan# 474
 Delta R.T. -0.04 min
 Lab File: BG032720.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5#
63	31.8	30.1	45.1





#7

Phenol-d6

Concen: 106.494 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032720.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_G

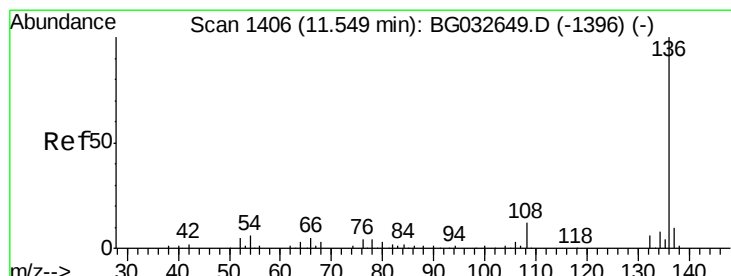
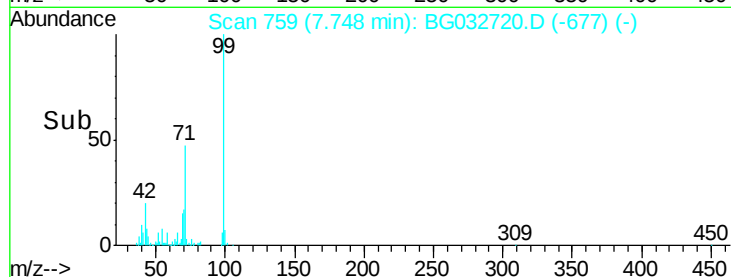
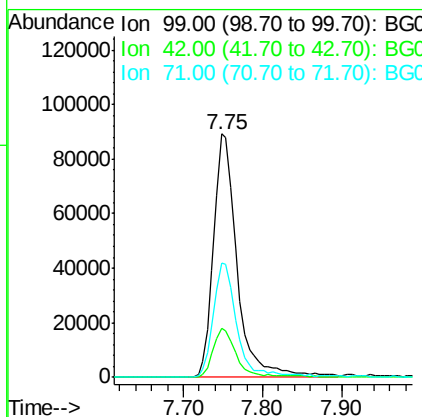
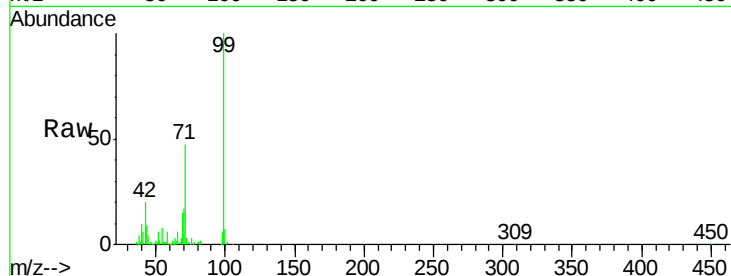
ClientSampleId :

TR-04-021418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		185353		
42	20.2	14.1	21.1		
71	46.7	26.1	39.1#		

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#21

Naphthalene-d8

Concen: 20.000 ng

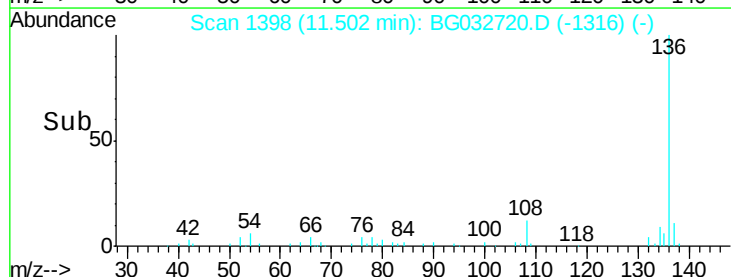
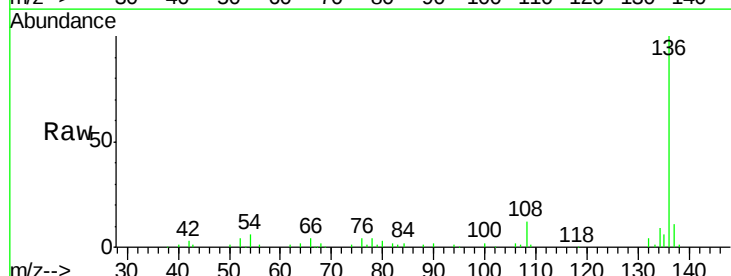
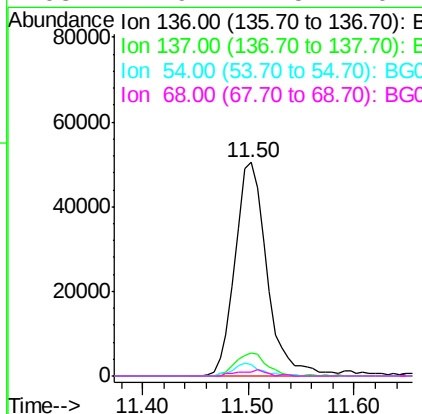
RT: 11.50 min Scan# 1398

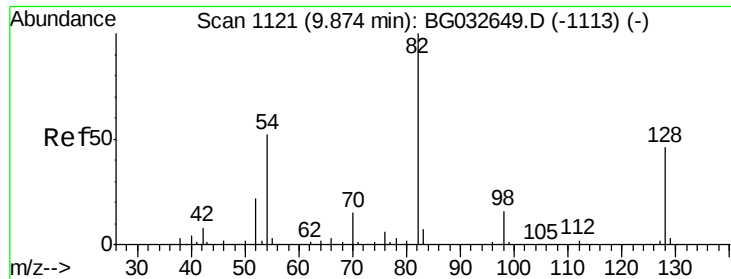
Delta R.T. -0.05 min

Lab File: BG032720.D

Acq: 15 Feb 2018 19:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		105625		
137	10.6	9.2	13.8		
54	5.6	10.3	15.5#		
68	1.9	4.5	6.7#		





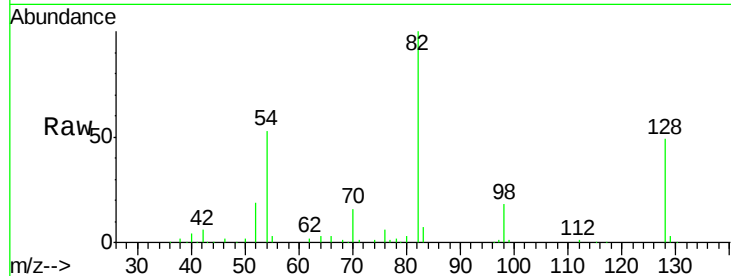
#23
Nitrobenzene-d5
Concen: 85.921 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032720.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_G
ClientSampleId :
TR-04-021418

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.8	29.7	44.5	
54	53.5	43.1	64.7	

Manual Integrations
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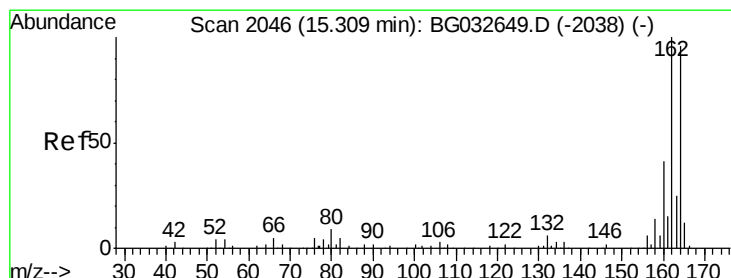
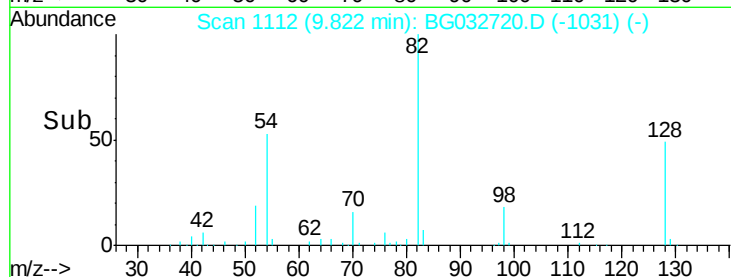
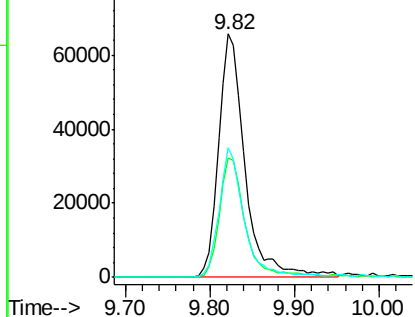


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.04 min
Lab File: BG032720.D
Acq: 15 Feb 2018 19:10

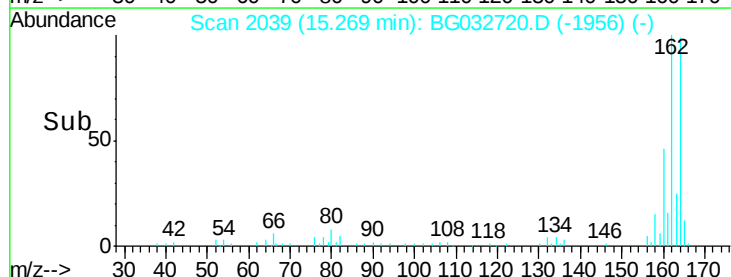
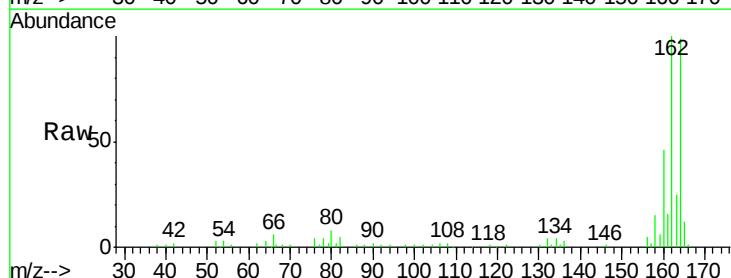
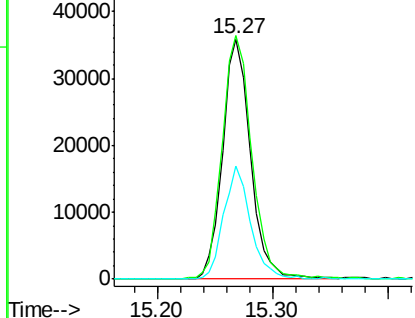
Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	78.8	118.2	
160	47.1	35.4	53.0	

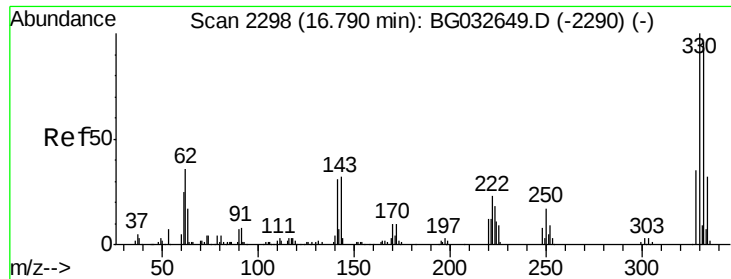
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





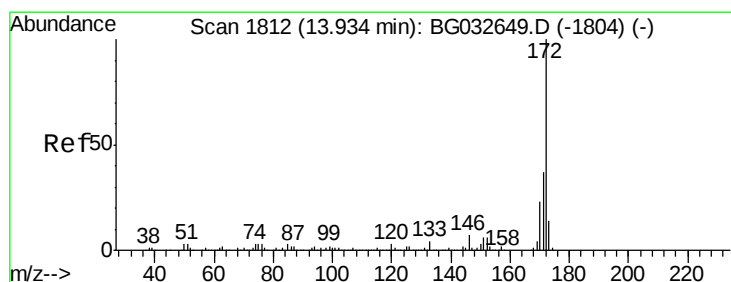
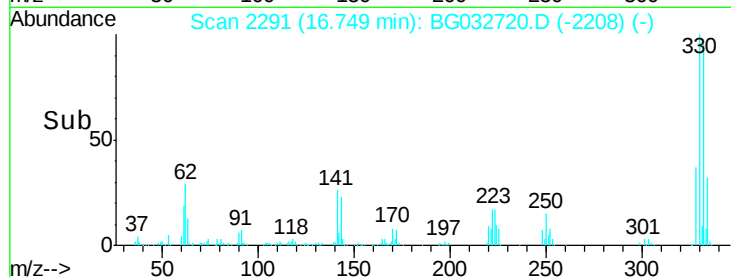
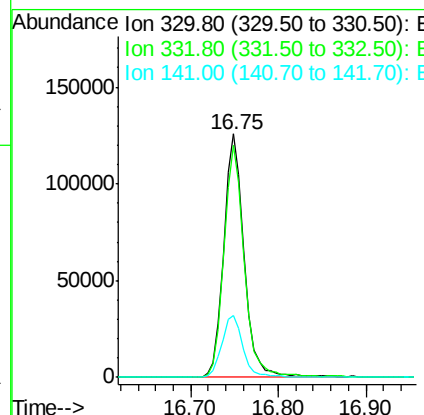
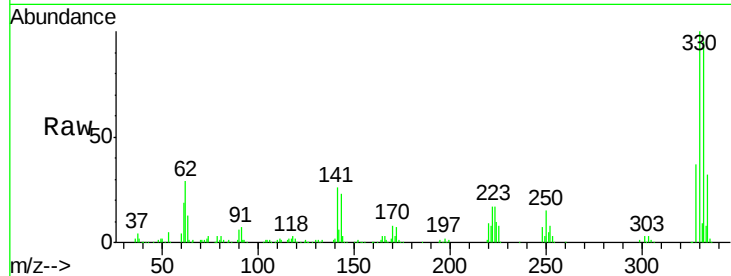
#41
 2,4,6-Tribromophenol
 Concen: 219.418 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.04 min
 Lab File: BG032720.D
 Acq: 15 Feb 2018 19:10

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-021418

Tot Ion	Ratio	Resp	Lower	Upper
330	100	203394		
332	95.7	77.0	115.6	
141	26.0	25.2	37.8	

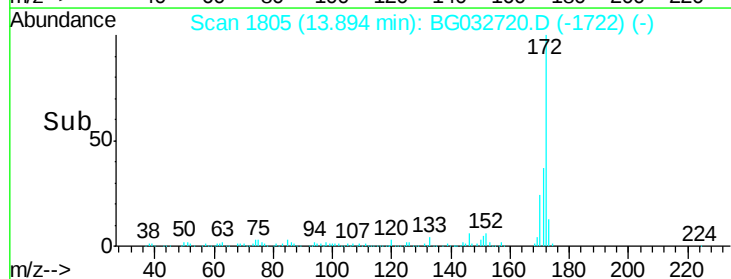
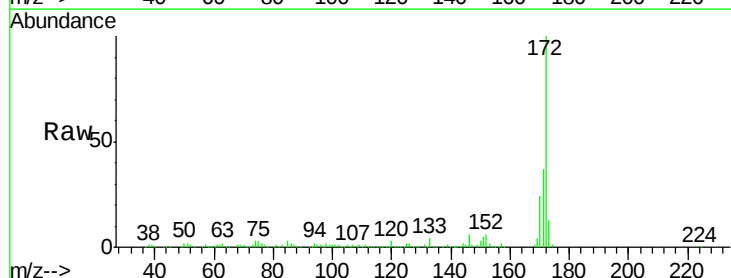
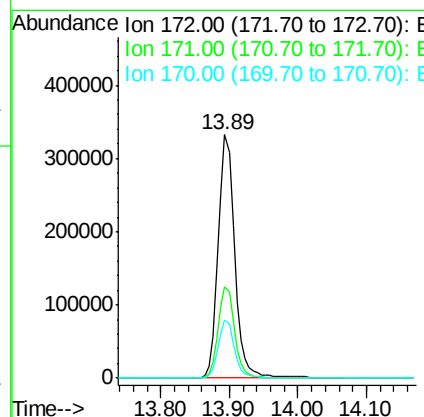
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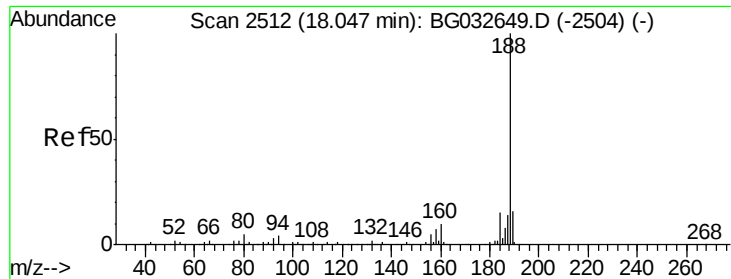
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#44
 2-Fluorobiphenyl
 Concen: 115.471 ng
 RT: 13.89 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032720.D
 Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	555884		
171	37.3	30.0	45.0	
170	23.9	19.5	29.3	





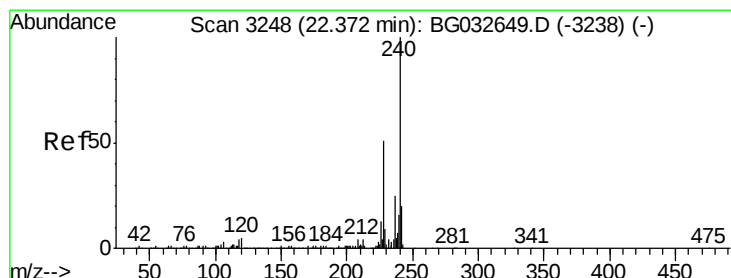
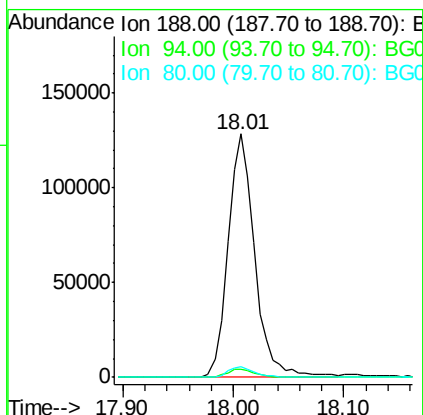
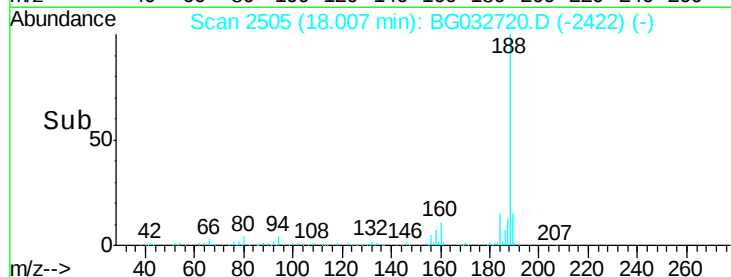
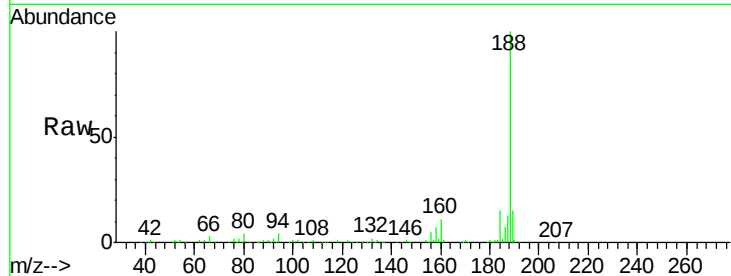
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032720.D
Acq: 15 Feb 2018 19:10

Instrument :
BNA_G
ClientSampleId :
TR-04-021418

Tot Ion	Ratio	Resp	Lower	Upper
188	100	217338		
94	3.5	6.9	10.3#	
80	4.3	7.7	11.5#	

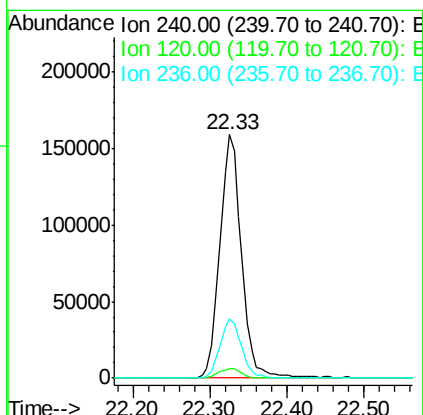
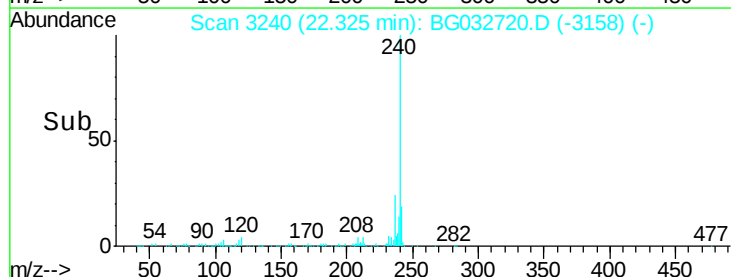
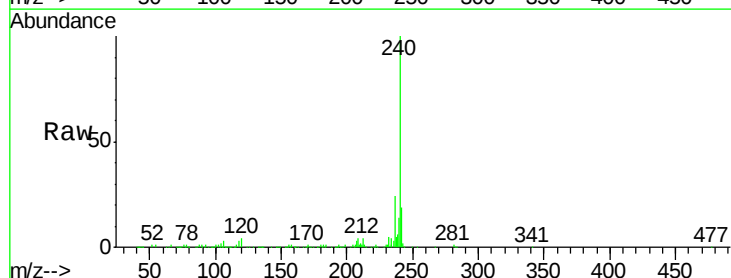
Manual Integrations
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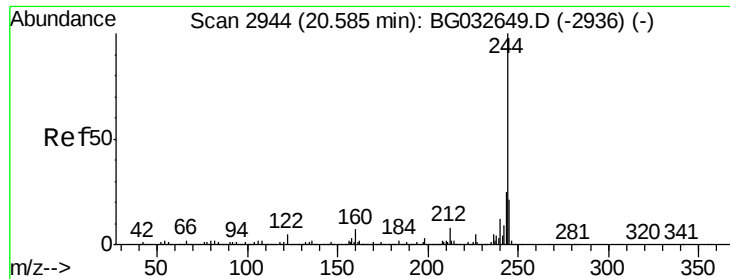
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.33 min Scan# 3240
Delta R.T. -0.05 min
Lab File: BG032720.D
Acq: 15 Feb 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309148		
120	4.0	6.8	10.2#	
236	24.2	20.9	31.3	





#78

Terphenyl-d14

Concen: 101.593 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032720.D

Acq: 15 Feb 2018 19:10

Instrument :

BNA_G

ClientSampleId :

TR-04-021418

Tot Ion:244 Resp: 1377993

Ion Ratio Lower Upper

244 100

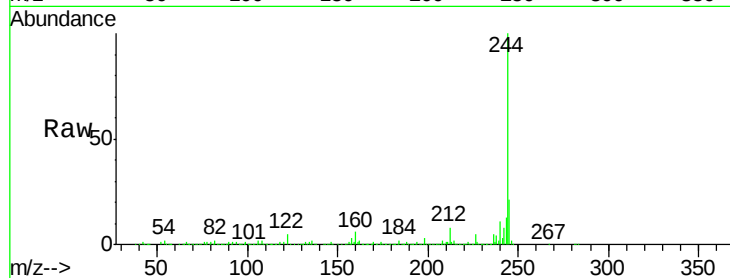
212 7.7 5.8 8.8

122 5.4 7.0 10.4#

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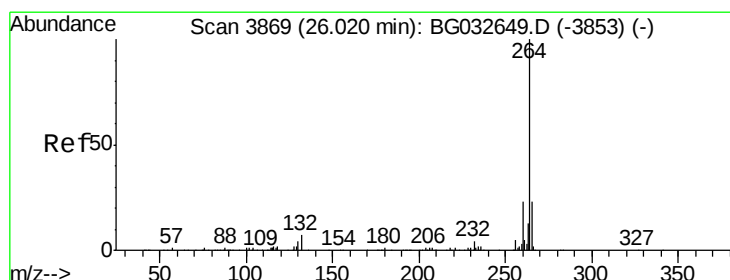
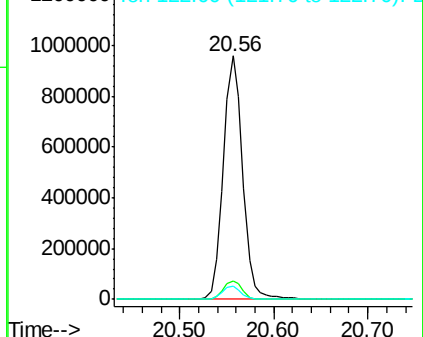
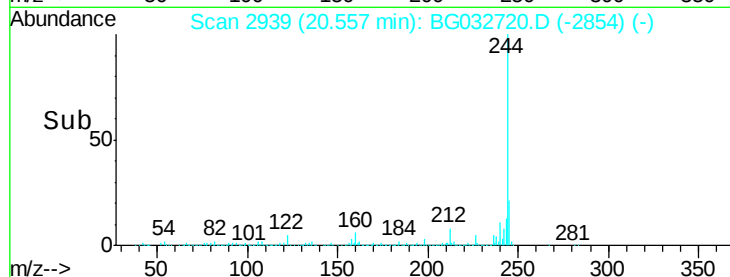
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.93 min Scan# 3854

Delta R.T. -0.09 min

Lab File: BG032720.D

Acq: 15 Feb 2018 19:10

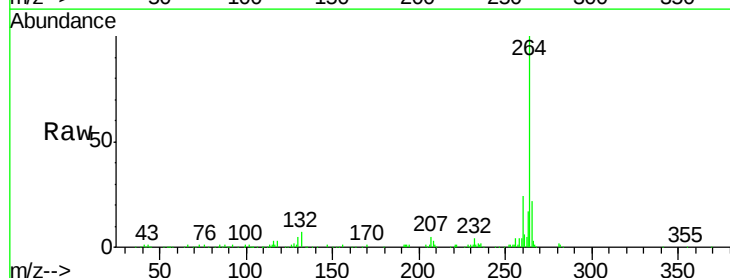
Tgt Ion:264 Resp: 206095

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.6 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

