

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030957.D
 Acq On : 12 Nov 2017 00:00
 Operator : SJ/JU
 Sample : I6443-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FADW4870L

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:55:29 PM

Quant Time: Nov 13 06:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43461	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	197501	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	141258	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	345874	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	399518	20.00	ng	0.00
86) Perylene-d12	25.08	264	410787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	138349	54.59	ng	0.00
7) Phenol-d6	7.30	99	116931	34.24	ng	0.00
23) Nitrobenzene-d5	9.31	82	285015	85.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	310302	135.79	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	904123	91.97	ng	-0.02
78) Terphenyl-d14	20.09	244	1464106	80.92	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.55	88	4518	4.393	ng	Qvalue # 78
10) Phenol	7.33	94	10552	2.976	ng	85
32) Benzoic acid	10.23	122	9866m	9.627	ng	
49) Dimethylphthalate	14.20	163	112828	9.238	ng	97

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

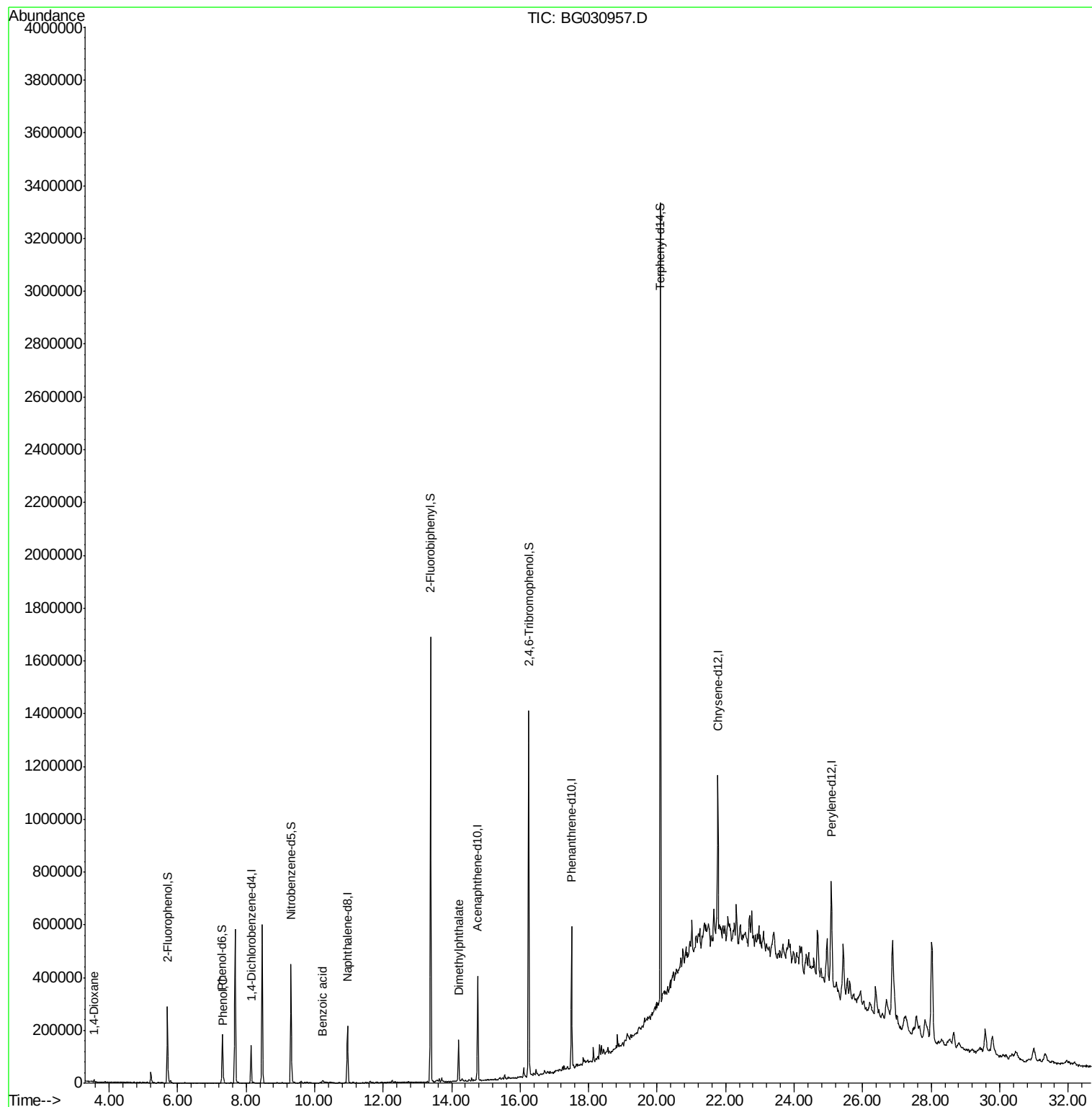
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030957.D
Acq On : 12 Nov 2017 00:00
Operator : SJ/JU
Sample : I6443-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

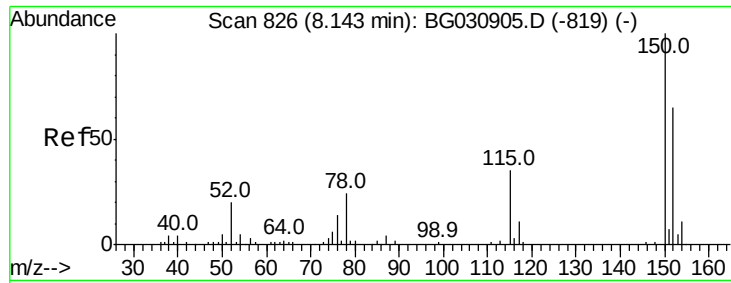
Instrument :
BNA_G
ClientSampleId :
FADW4870L

Manual Integrations
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11/13/2017 4:55:29 PM

Quant Time: Nov 13 06:06:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration





#1

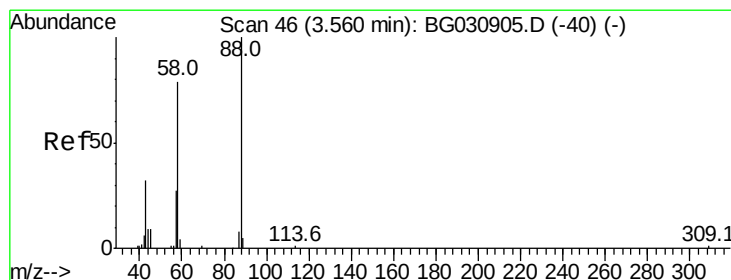
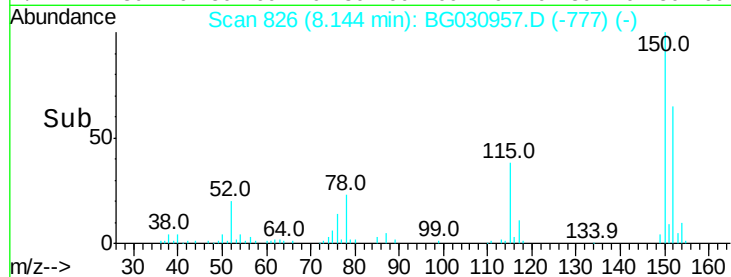
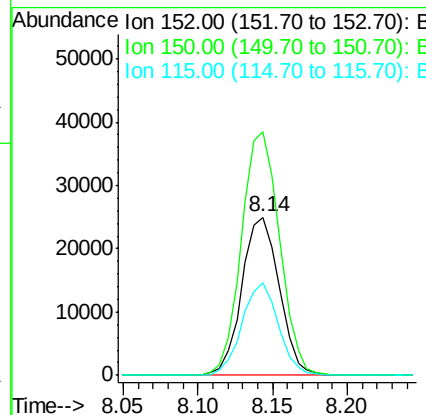
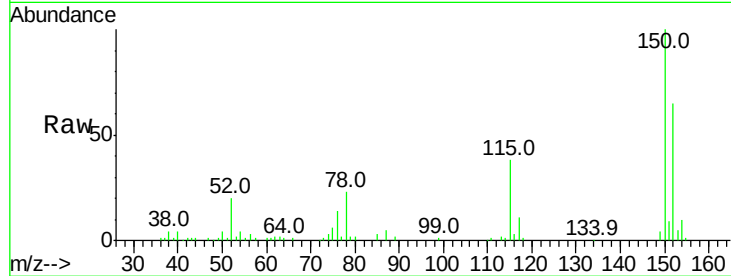
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Instrument :
BNA_G
ClientSampled :
FADW4870L

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	58.5	53.0	79.4

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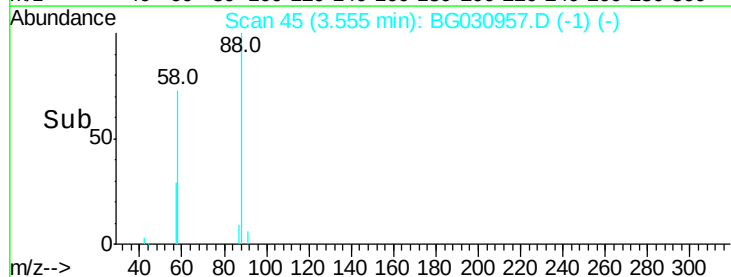
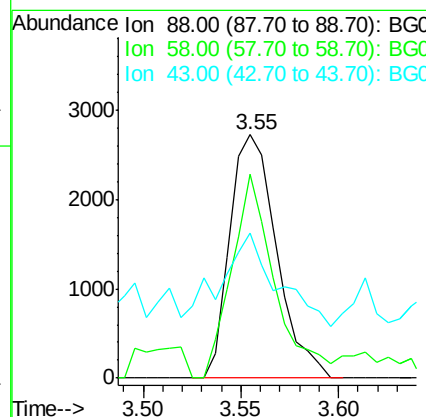
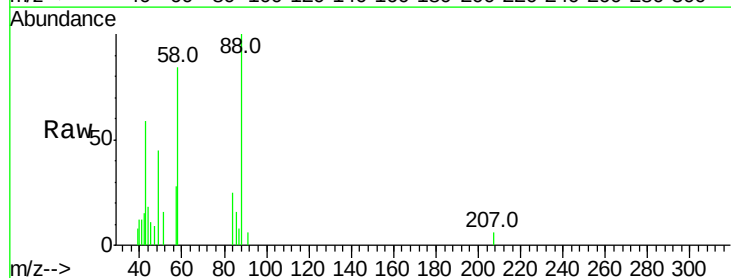
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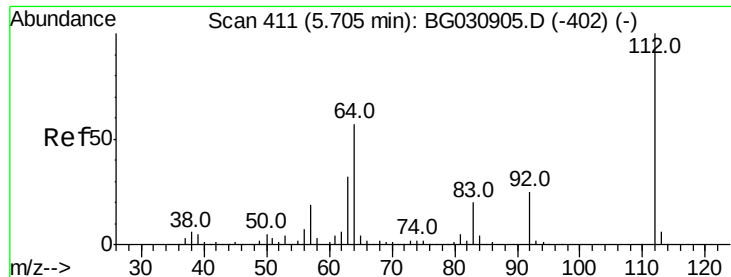


#2

1,4-Dioxane
Concen: 4.393 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	79.6	119.4#
43	45.9	27.4	41.0#





#5

2-Fluorophenol

Concen: 54.586 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

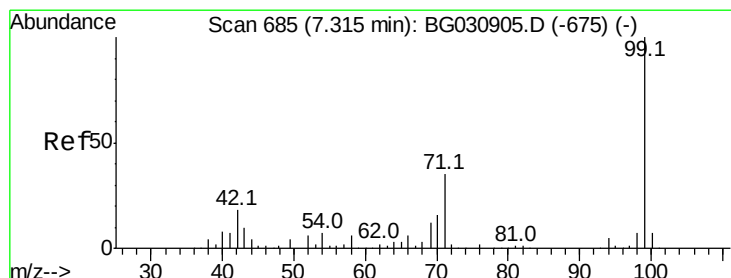
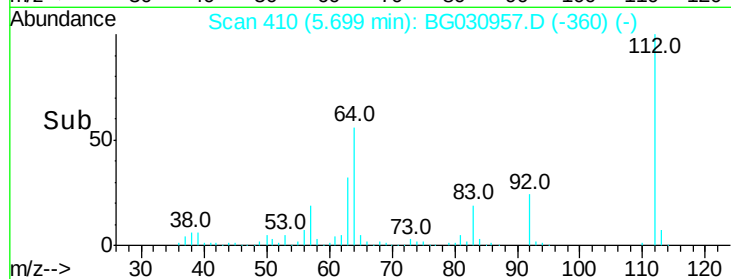
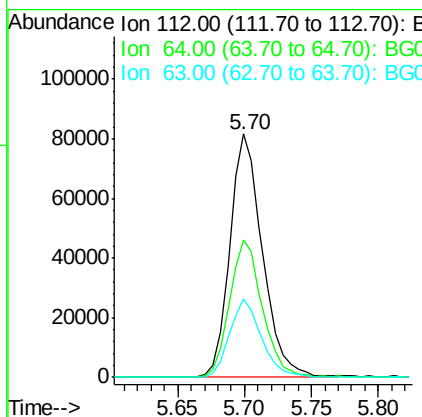
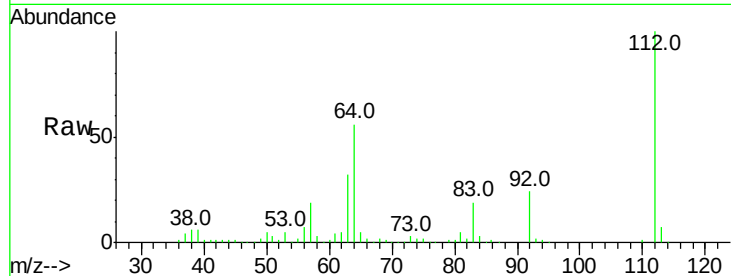
ClientSampled :

FADW4870L

Tot Ion:	112	Resp:	138349
Ion Ratio	Lower	Upper	
112	100		
64	56.4	56.3	84.5
63	32.4	30.1	45.1

Manual Integrations
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#7

Phenol-d6

Concen: 34.245 ng

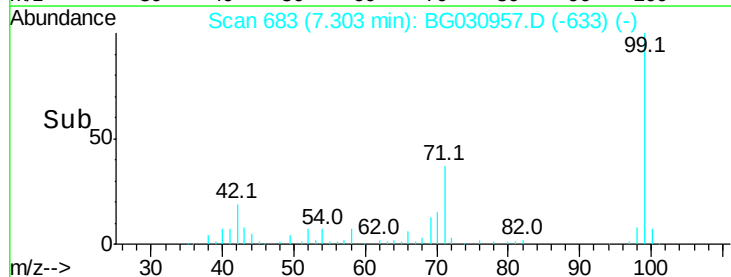
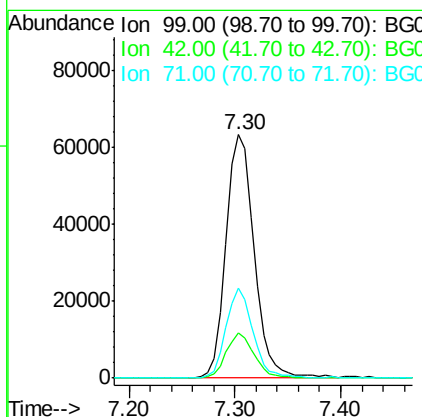
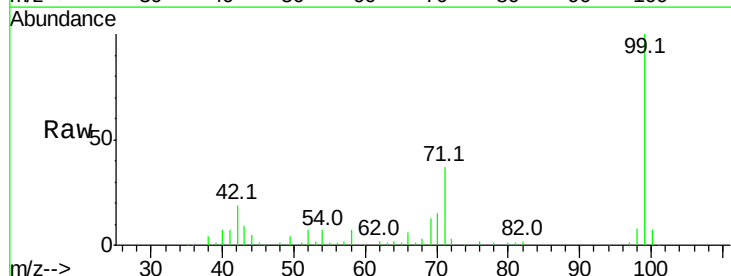
RT: 7.30 min Scan# 683

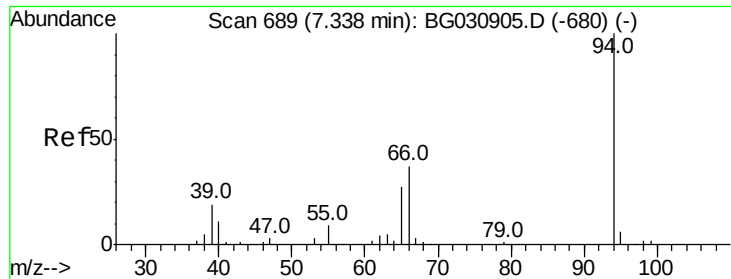
Delta R.T. -0.00 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Tgt Ion:	99	Resp:	116931
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.1	21.1
71	37.0	26.1	39.1





#10

Phenol

Concen: 2.976 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

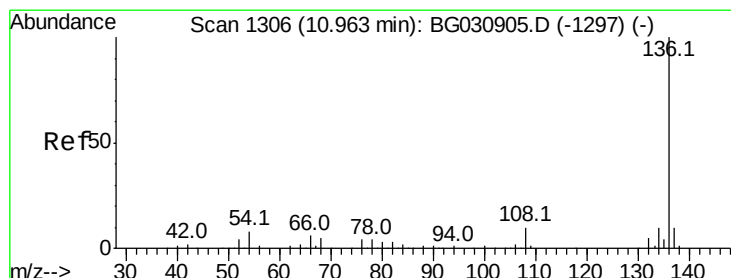
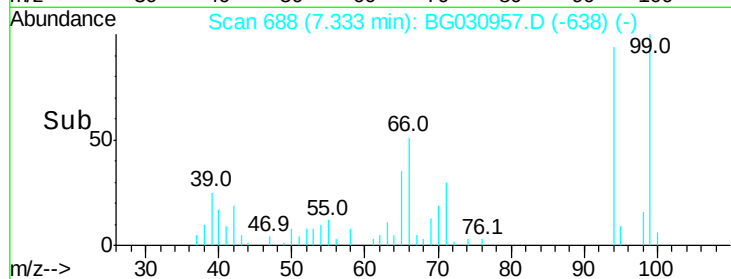
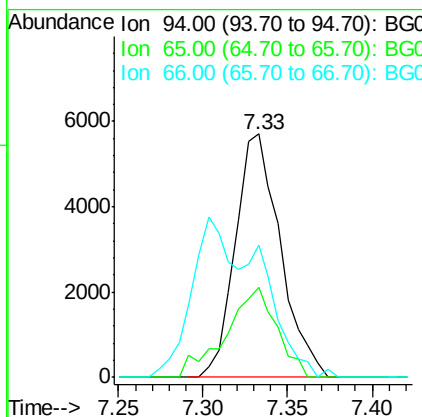
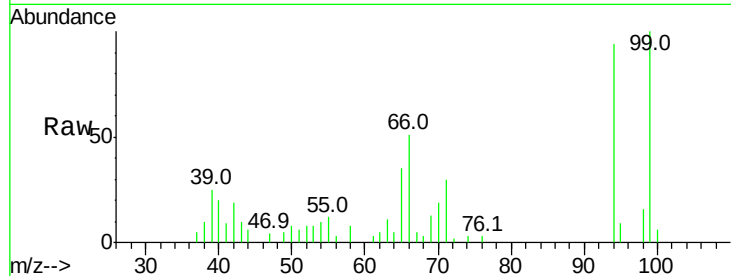
ClientSampleId :

FADW4870L

Tot Ion:	94	Resp:	10552
Ion Ratio	Lower	Upper	
94	100		
65	37.1	11.9	51.9
66	54.4	22.2	62.2

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

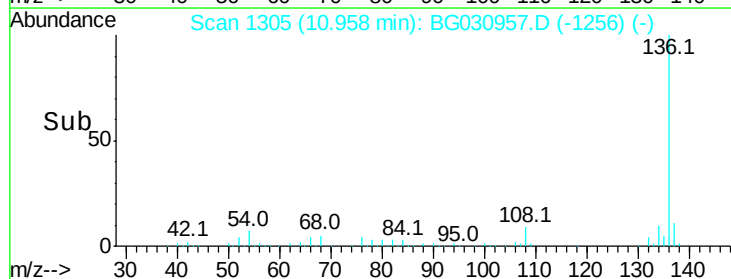
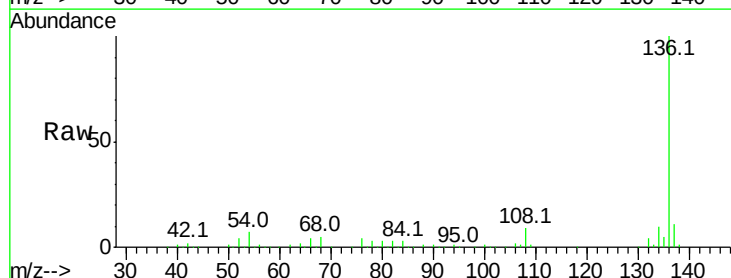
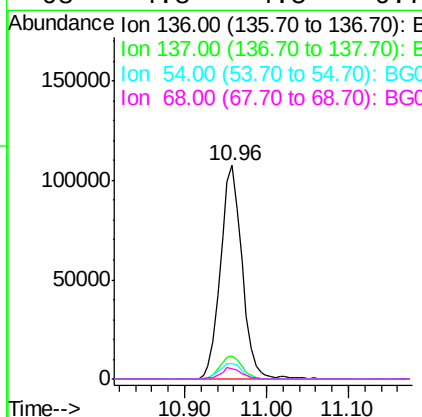
RT: 10.96 min Scan# 1305

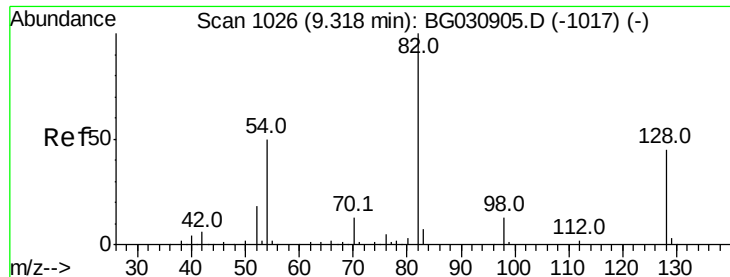
Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Tgt Ion:	136	Resp:	197501
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	7.0	10.3	15.5#
68	4.8	4.5	6.7





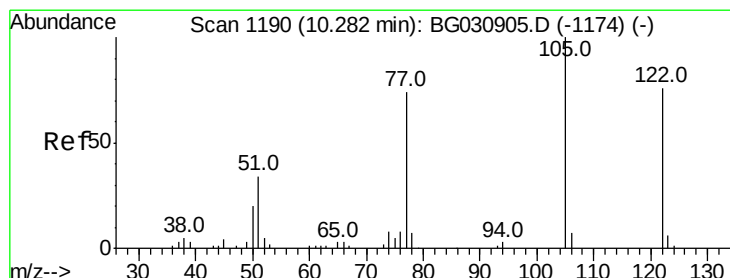
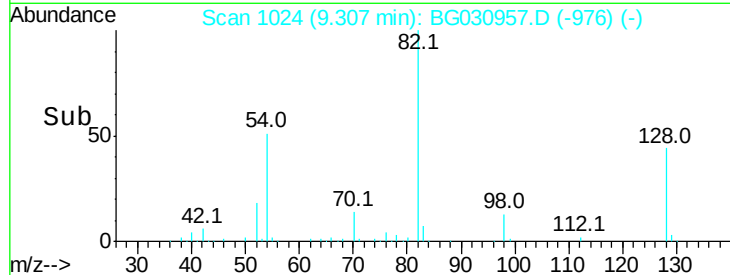
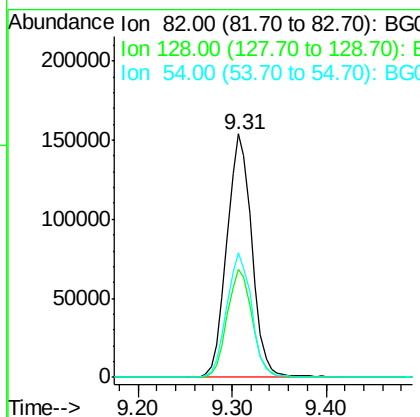
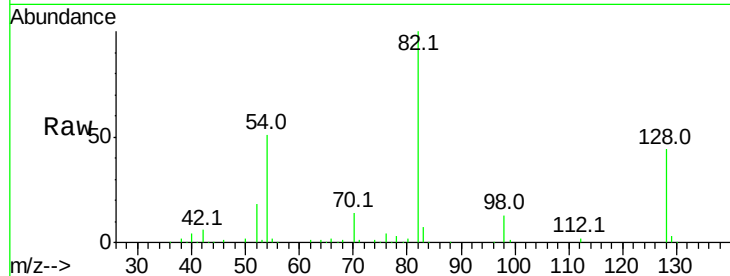
#23
 Nitrobenzene-d5
 Concen: 85.513 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030957.D
 Acq: 12 Nov 2017 00:00

Instrument :
 BNA_G
 ClientSampled :
 FADW4870L

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	29.7	44.5	
54	51.0	43.1	64.7	

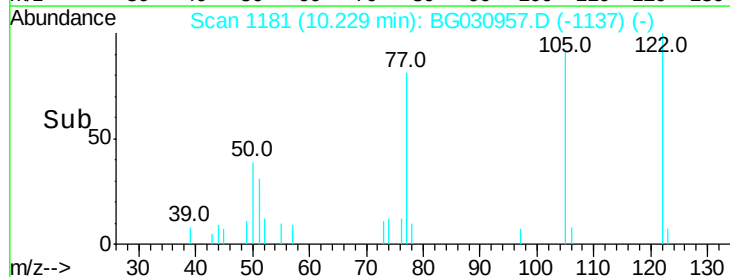
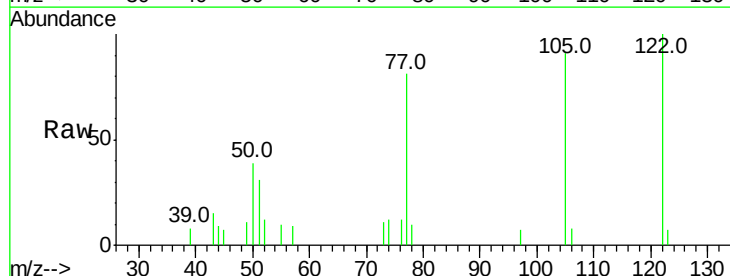
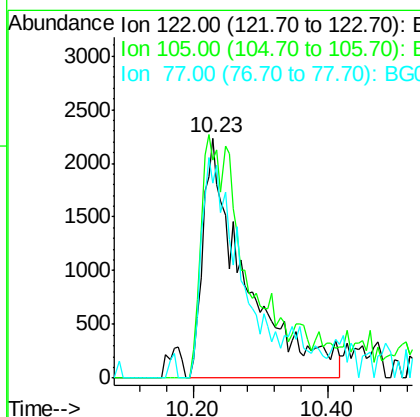
Manual Integrations
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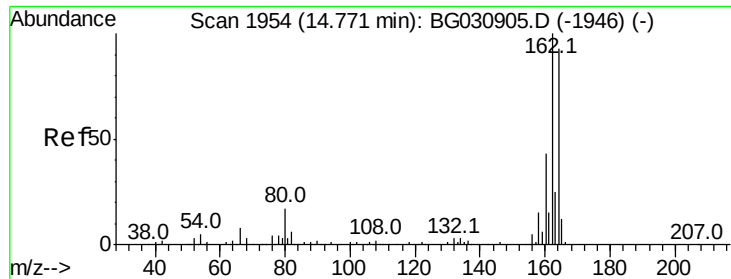
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#32
 Benzoic acid
 Concen: 9.627 ng m
 RT: 10.23 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BG030957.D
 Acq: 12 Nov 2017 00:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	91.1	123.5	163.5#	
77	81.3	85.7	125.7#	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

ClientSampleId :

FADW4870L

Tot Ion:164 Resp: 141258

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

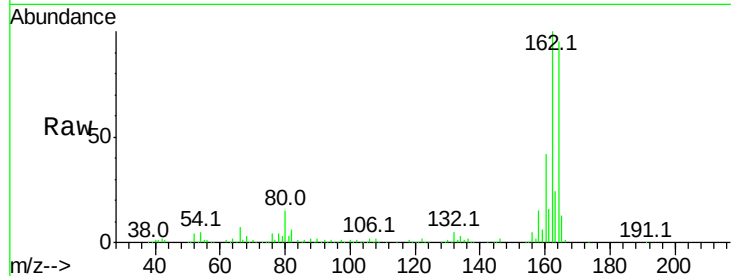
160 44.2 35.4 53.0

Manual Integrations

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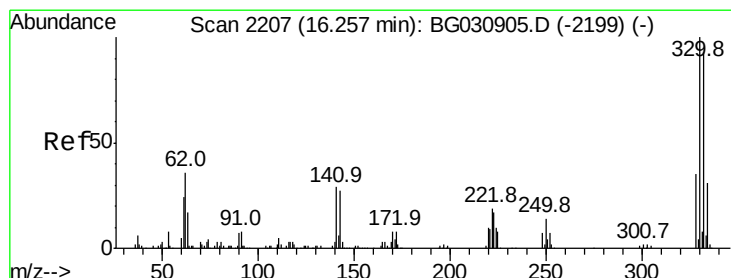
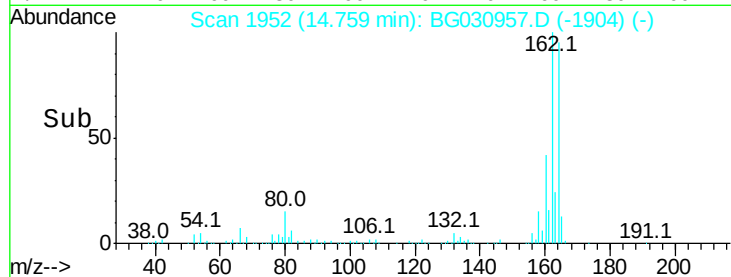
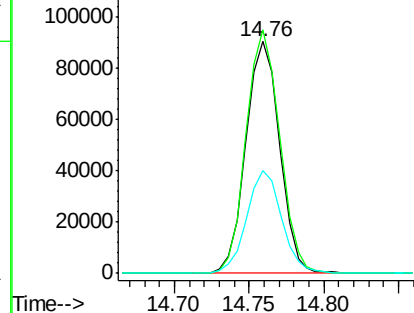
11/13/2017 4:55:29 PM



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 135.794 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

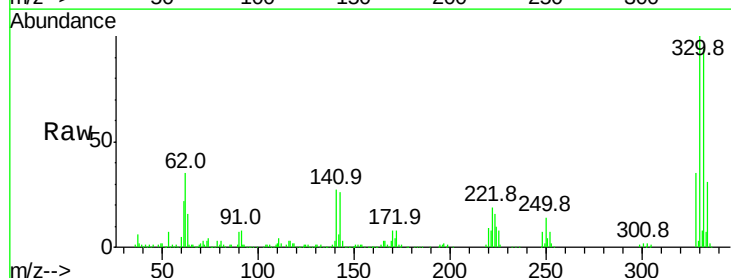
Tgt Ion:330 Resp: 310302

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

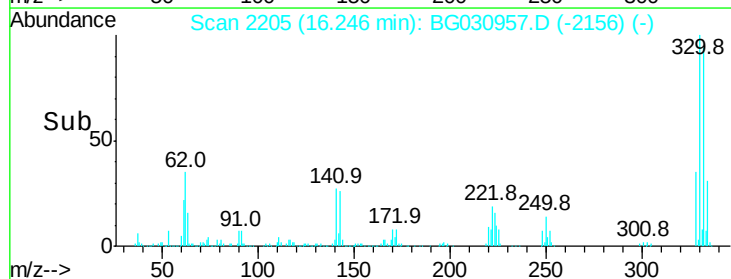
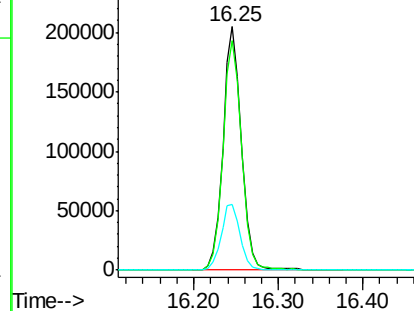
141 28.7 25.2 37.8

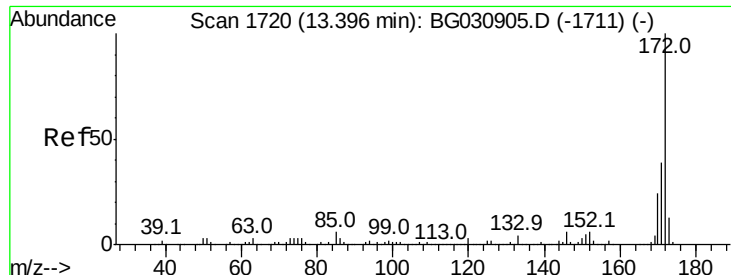


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





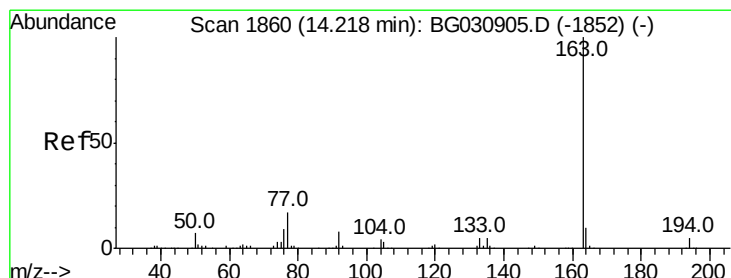
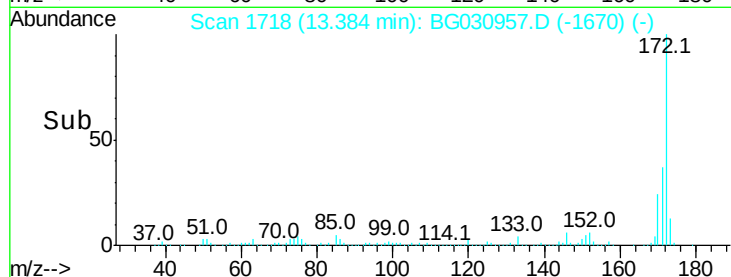
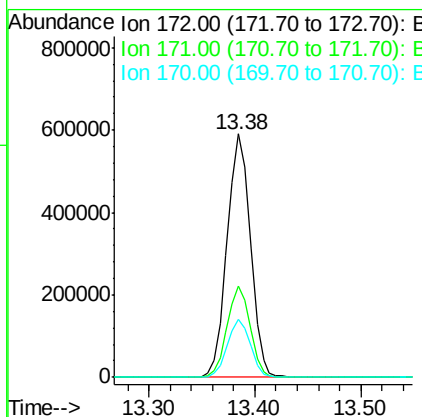
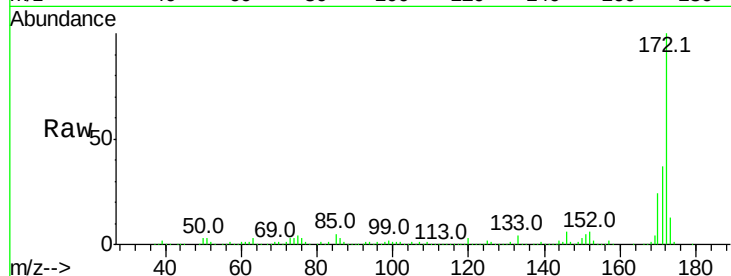
#44
2-Fluorobiphenyl
Concen: 91.968 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Instrument :
BNA_G
ClientSampleId :
FADW4870L

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.8	19.5	29.3

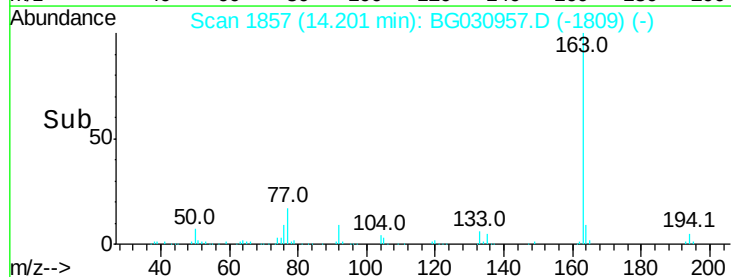
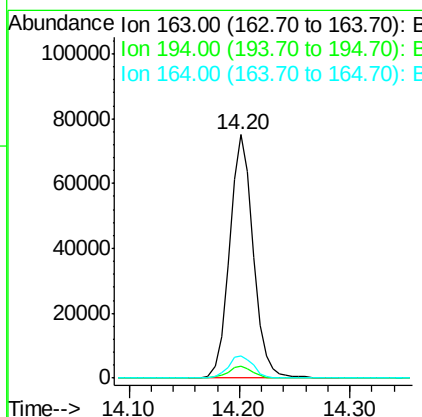
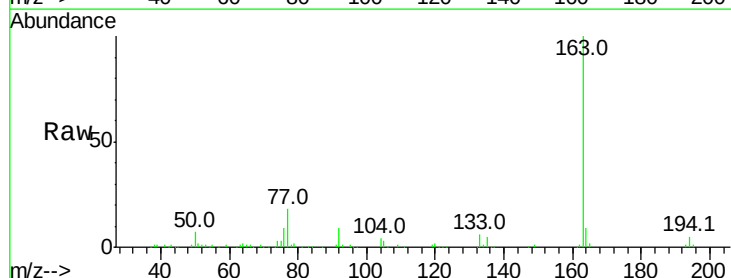
Manual Integrations
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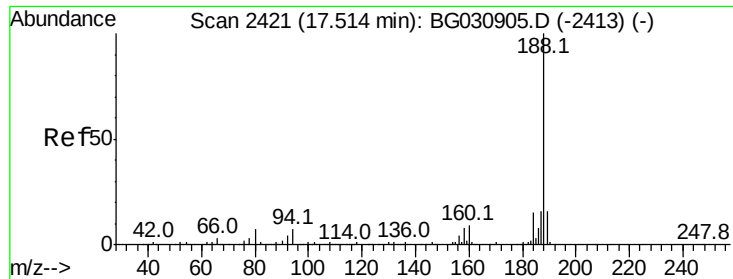
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#49
Dimethylphthalate
Concen: 9.238 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.2	8.2	12.4





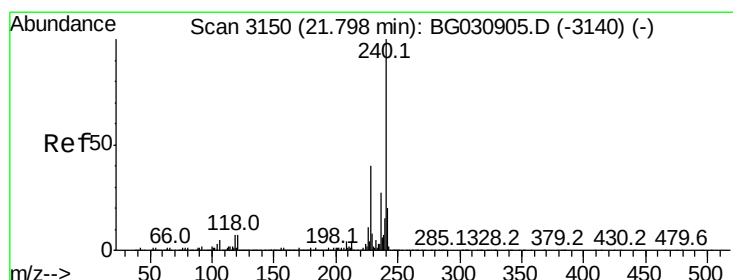
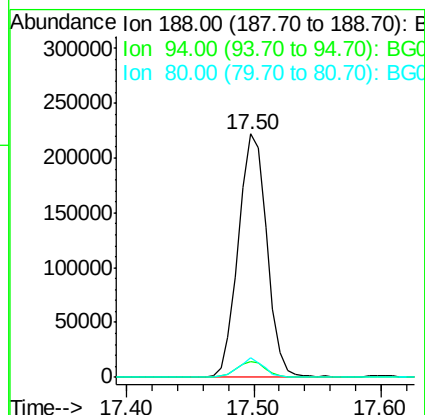
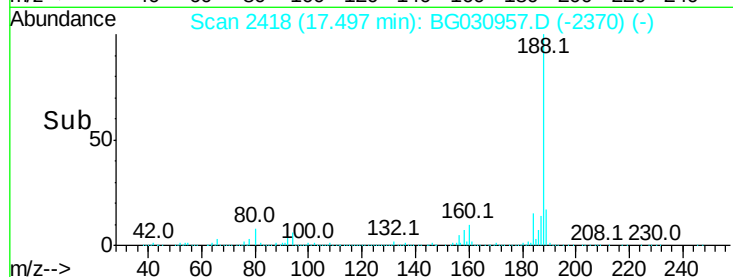
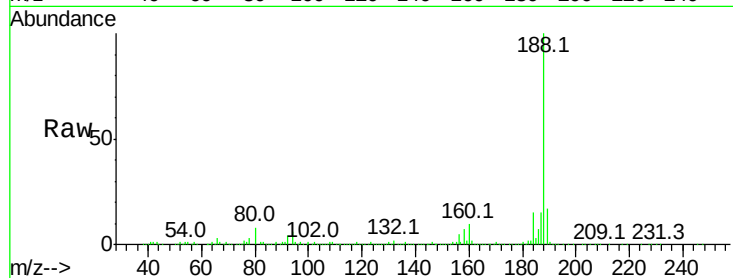
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Instrument :
BNA_G
ClientSampleId :
FADW4870L

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	8.2	7.7	11.5

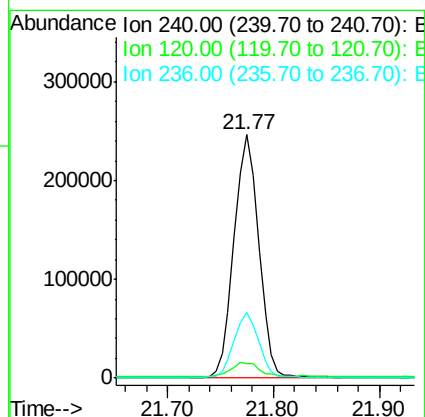
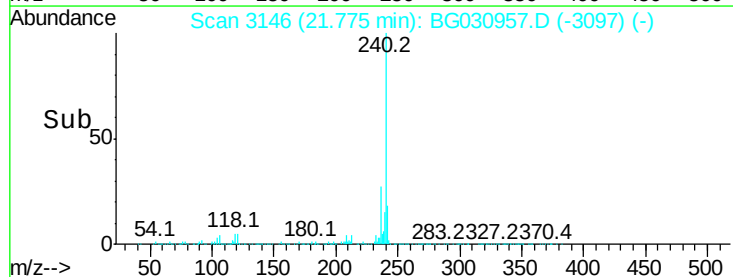
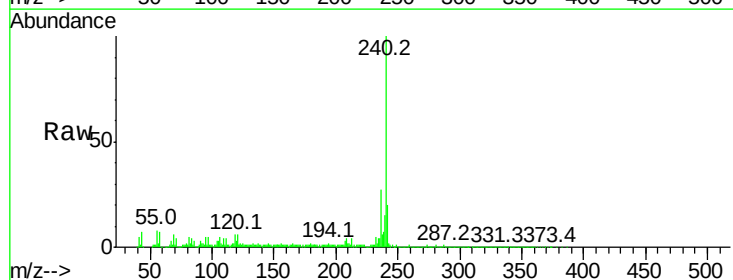
Manual Integrations
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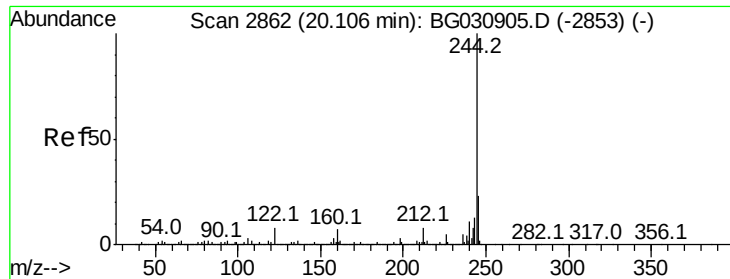
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030957.D
Acq: 12 Nov 2017 00:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	27.1	20.9	31.3





#78

Terphenyl-d14

Concen: 80.919 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

Instrument :

BNA_G

ClientSampled :

FADW4870L

Tot Ion:244 Resp: 1464106

Ion Ratio Lower Upper

244 100

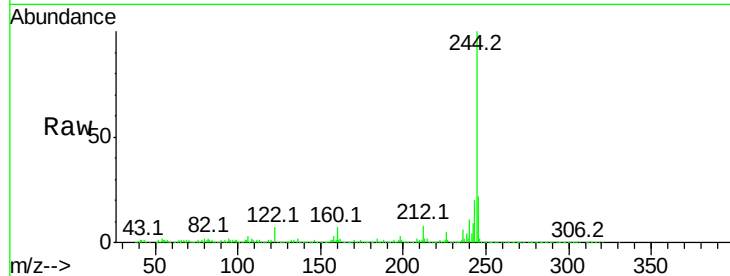
212 7.6 5.8 8.8

122 7.1 7.0 10.4

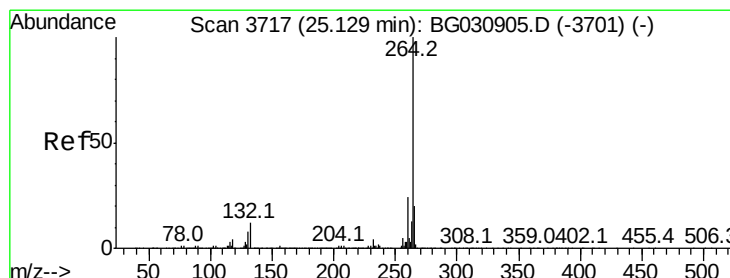
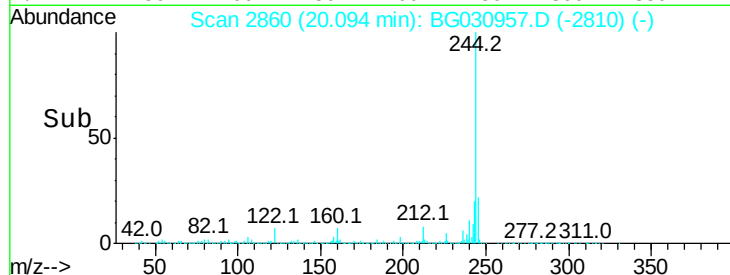
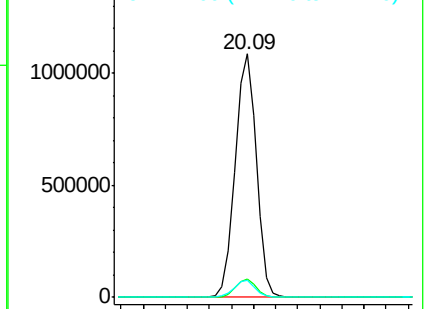
Manual Integrations
APPROVED

SOHIL

11/13/2017 4:55:29 PM



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: 25.08 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG030957.D

Acq: 12 Nov 2017 00:00

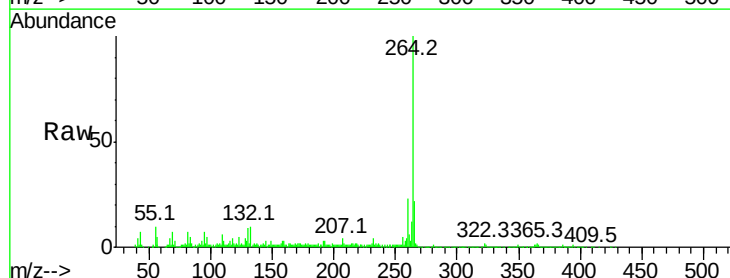
Tgt Ion:264 Resp: 410787

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.0 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

