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 Data File : BG030961.D
 Acq On : 12 Nov 2017 2:29
 Operator : SJ/JU
 Sample : I6301-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

Manual Integrations
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Quant Time: Nov 13 06:22:47 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	41961	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	173863	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	124408	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	358685	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	466359	20.00	ng	-0.01
86) Perylene-d12	25.07	264	457516	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	336213	137.40	ng	0.00
7) Phenol-d6	7.31	99	392774	119.14	ng	0.00
23) Nitrobenzene-d5	9.31	82	296124	100.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	355946	176.87	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	887696	102.53	ng	-0.02
78) Terphenyl-d14	20.09	244	1914654	90.65	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	42900	5.019	ng	98
32) Benzoic acid	10.28	122	837	6.044	ng	# 81
51) Acenaphthene	14.82	154	19534	2.567	ng	99
54) Dibenzofuran	15.16	168	24629	2.032	ng	97
57) Fluorene	15.80	166	20225	2.056	ng	# 96
69) Pentachlorophenol	17.17	266	11105m	4.162	ng	
70) Phenanthrene	17.54	178	50613	2.710	ng	99

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

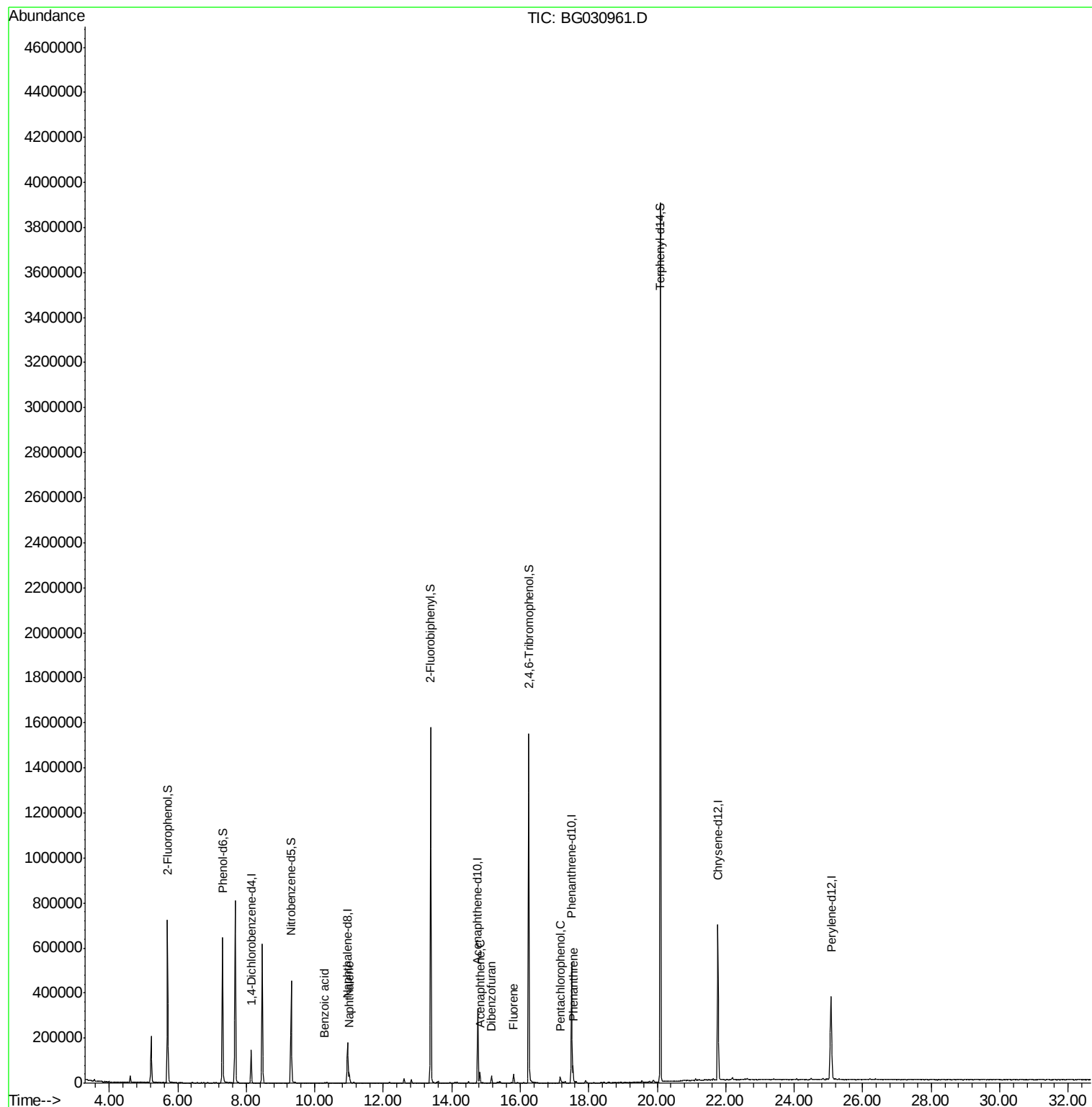
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030961.D
Acq On : 12 Nov 2017 2:29
Operator : SJ/JU
Sample : I6301-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

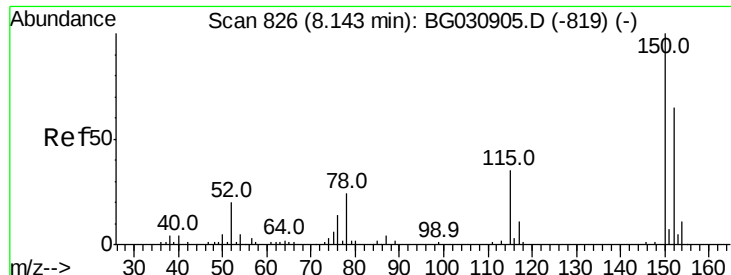
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Manual Integrations
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Quant Time: Nov 13 06:22:47 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

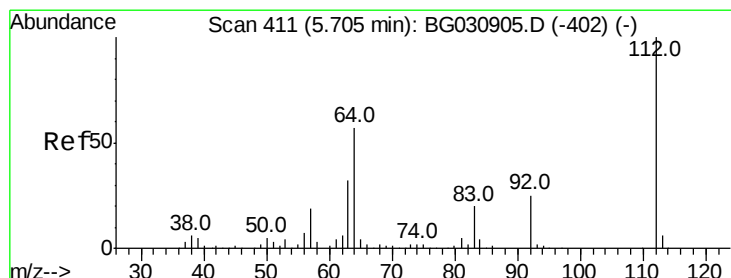
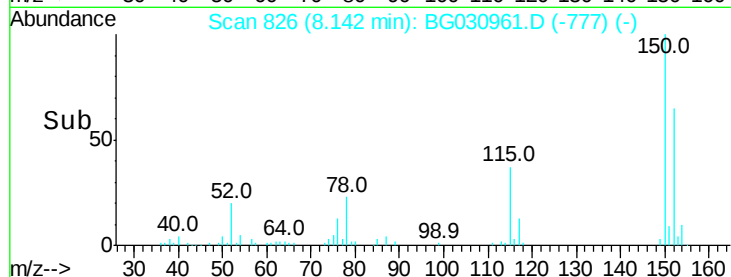
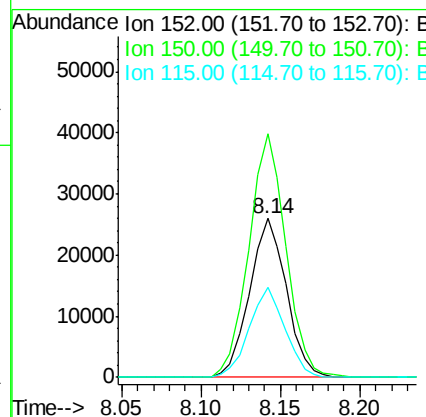
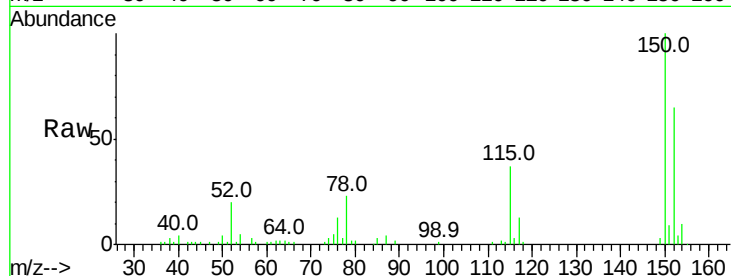
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030961.D
Acq: 12 Nov 2017 2:29

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	56.2	53.0	79.4

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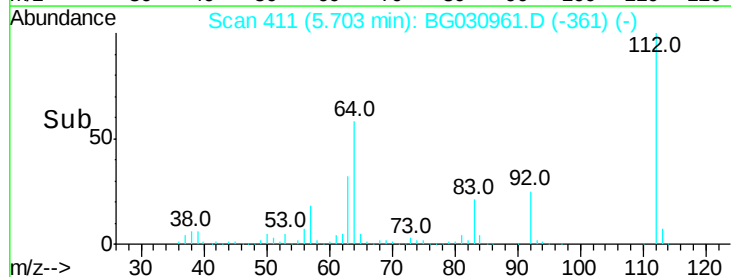
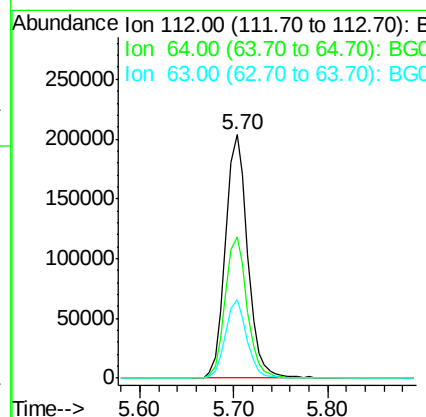
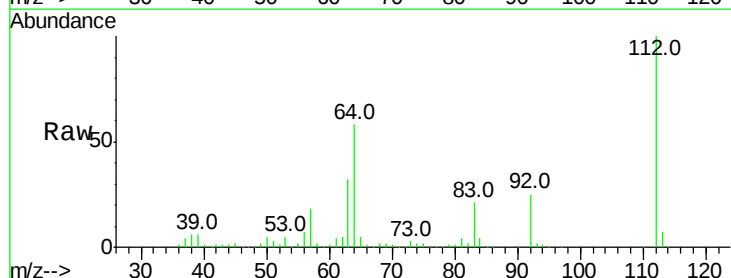
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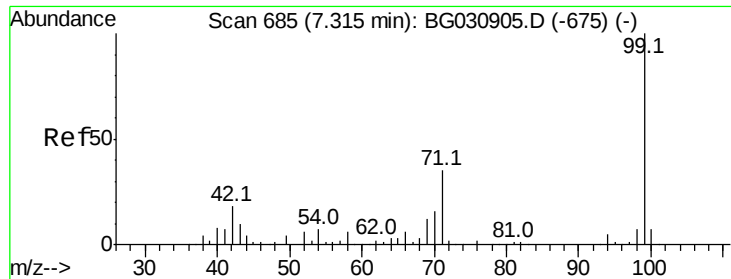


#5

2-Fluorophenol
Concen: 137.395 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030961.D
Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	56.3	84.5
63	32.2	30.1	45.1





#7

Phenol-d6

Concen: 119.141 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030961.D

Acq: 12 Nov 2017 2:29

Instrument :

BNA_G

ClientSampleId :

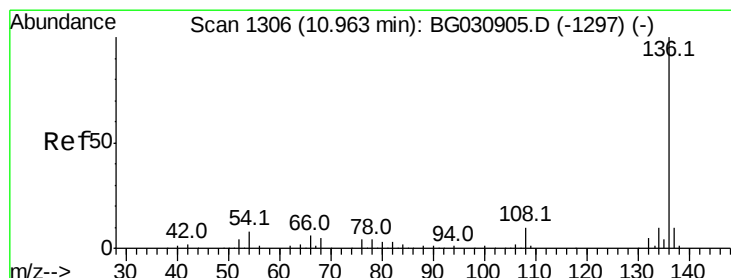
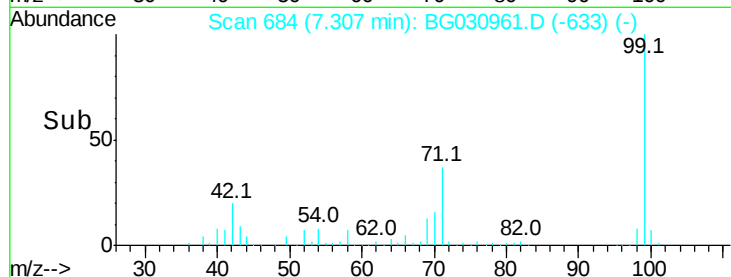
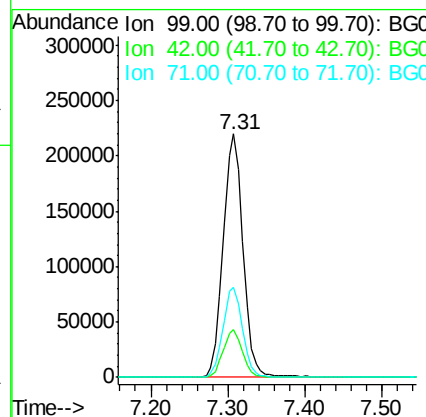
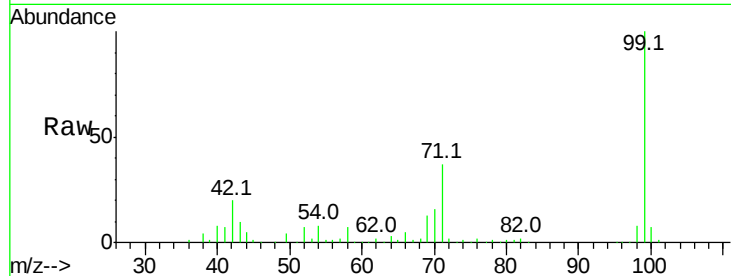
JC-02-110917-B

Tot Ion	Ratio	Resp	Lower	Upper
99	100	392774		
42	19.8		14.1	21.1
71	36.7		26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

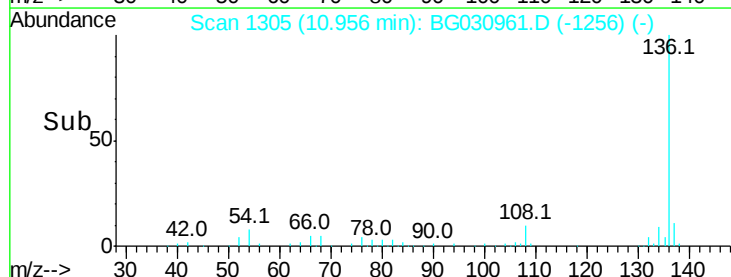
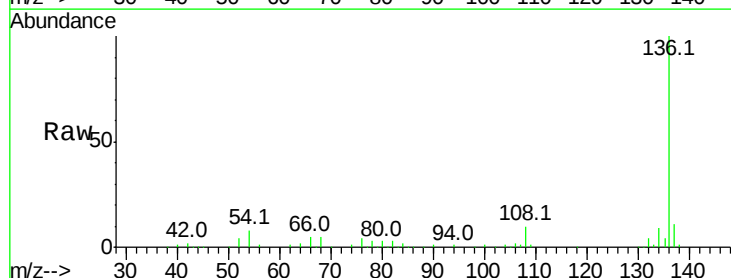
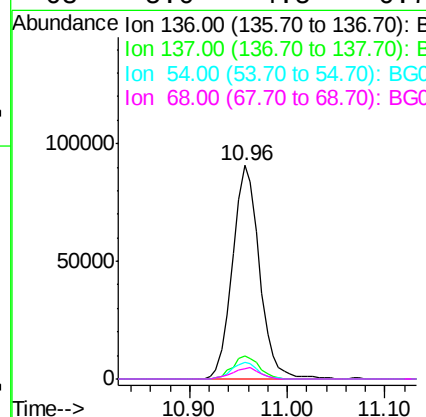
RT: 10.96 min Scan# 1305

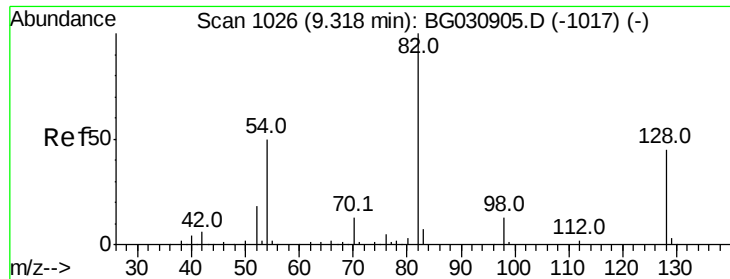
Delta R.T. -0.01 min

Lab File: BG030961.D

Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	173863		
137	10.5		9.2	13.8
54	7.7		10.3	15.5
68	5.0		4.5	6.7





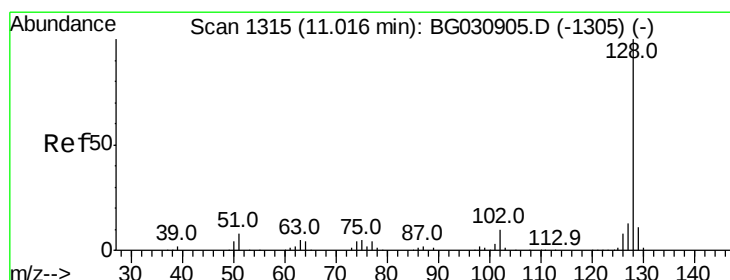
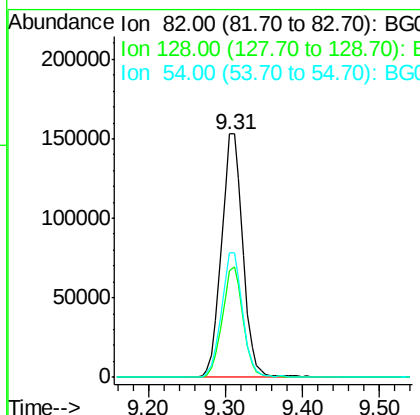
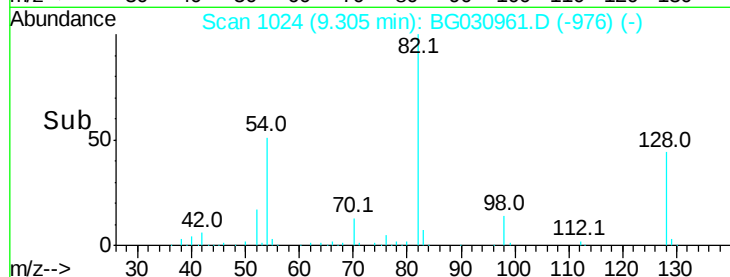
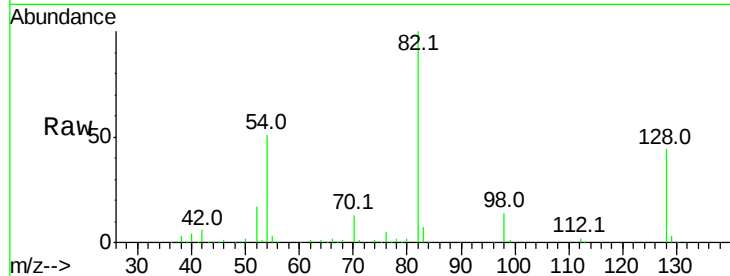
#23
 Nitrobenzene-d5
 Concen: 100.925 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.8	29.7	44.5	
54	51.3	43.1	64.7	

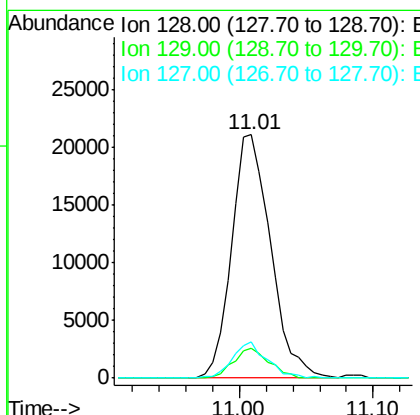
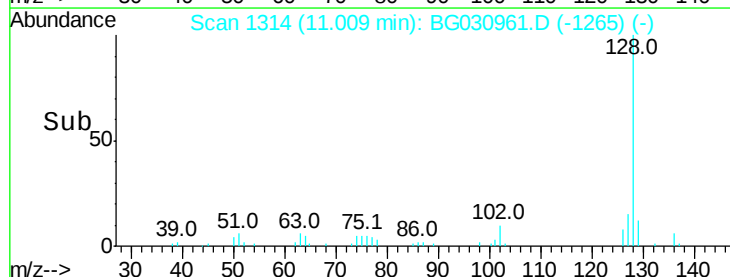
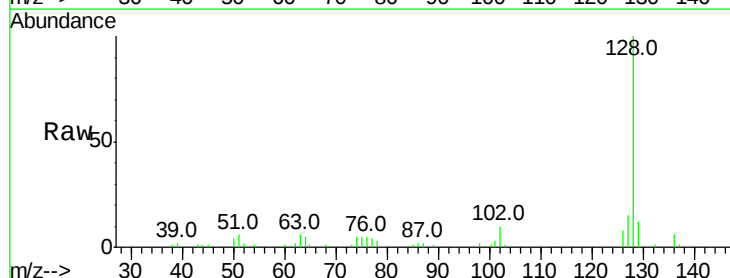
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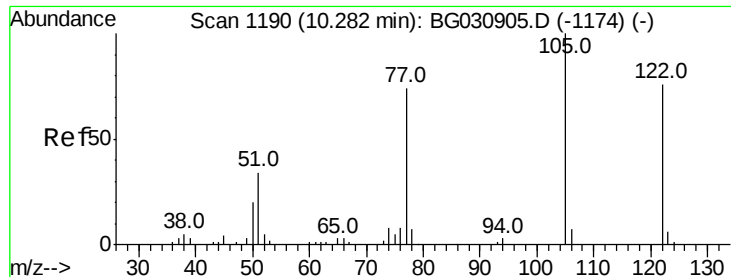
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#31
 Naphthalene
 Concen: 5.019 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	12.1	8.6	12.8	
127	14.8	11.6	17.4	





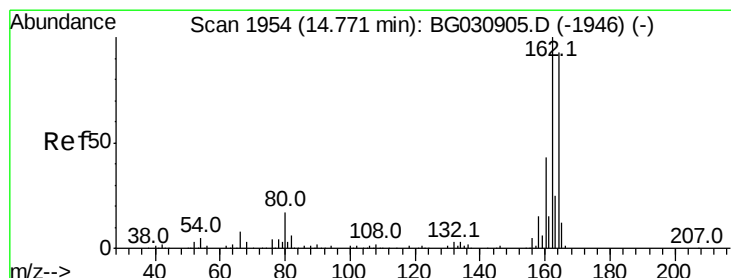
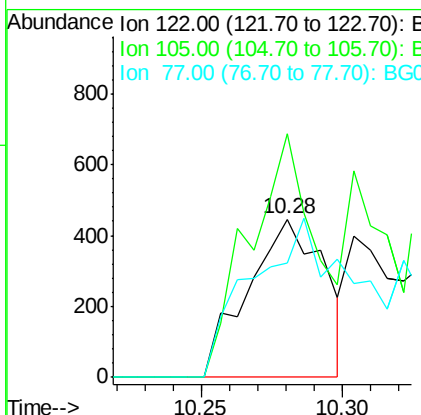
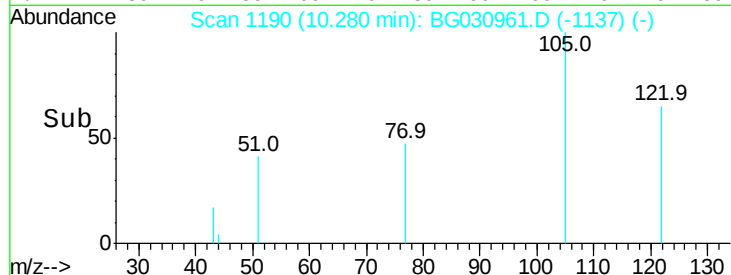
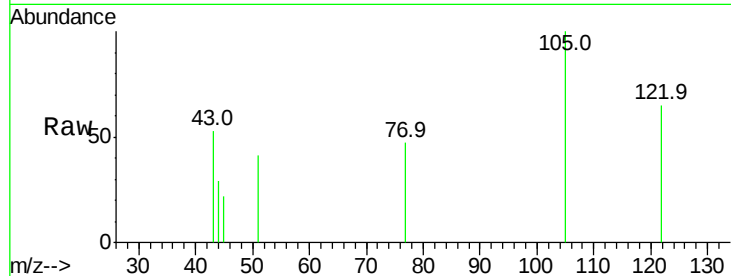
#32
 Benzoic acid
 Concen: 6.044 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

Tot Ion:	122	Resp:	837
Ion Ratio	Lower	Upper	
122	100		
105	153.7	123.5	163.5
77	71.8	85.7	125.7#

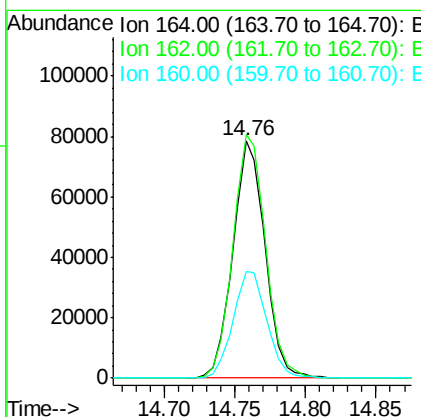
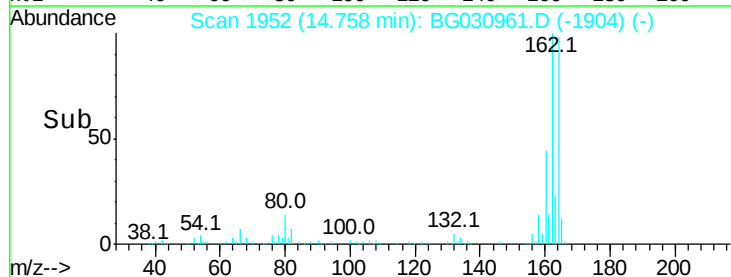
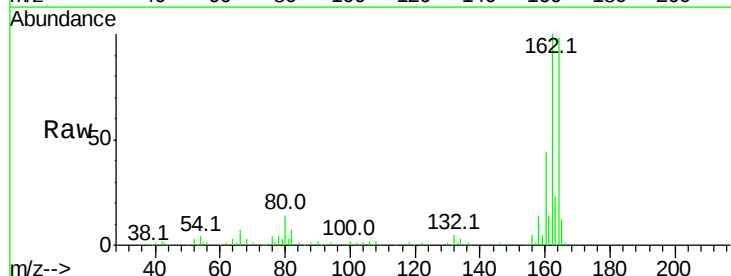
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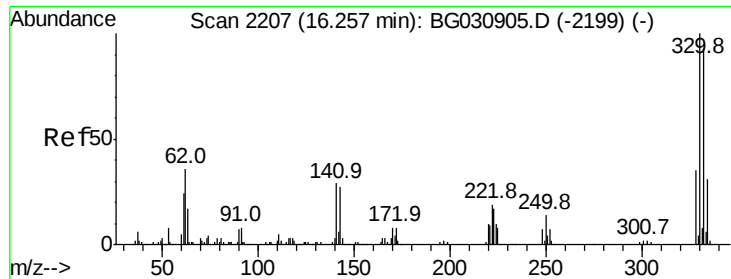
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Tgt Ion:	164	Resp:	124408
Ion Ratio	Lower	Upper	
164	100		
162	102.4	78.8	118.2
160	44.8	35.4	53.0





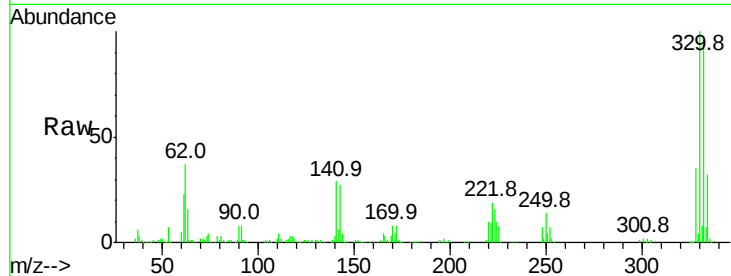
#41
 2,4,6-Tribromophenol
 Concen: 176.866 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

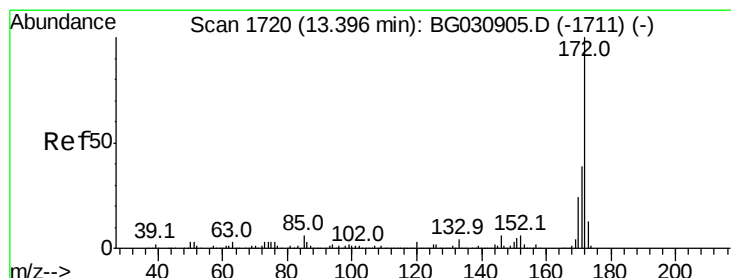
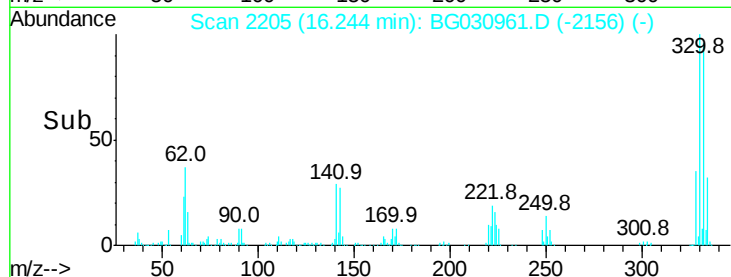
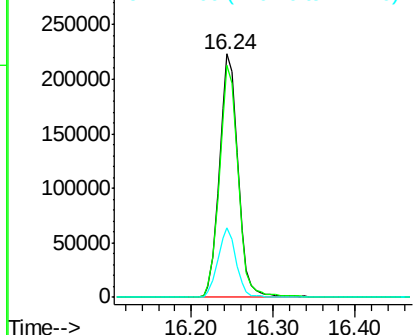
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.0	115.6	
141	27.9	25.2	37.8	

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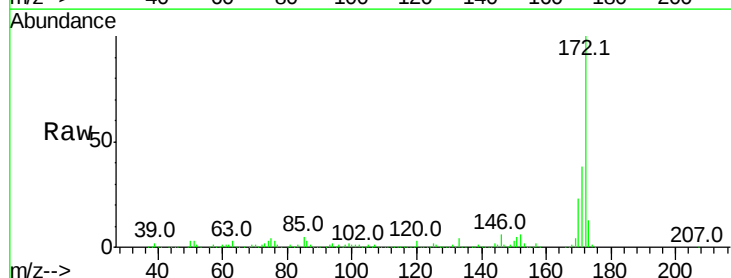


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

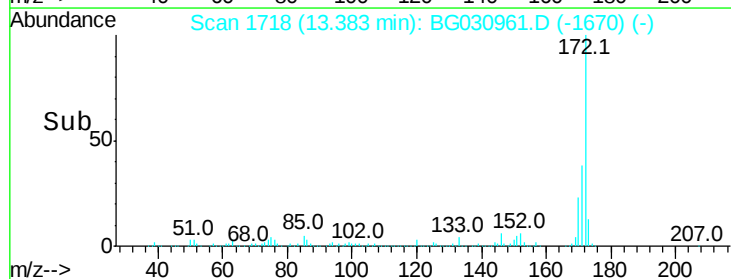
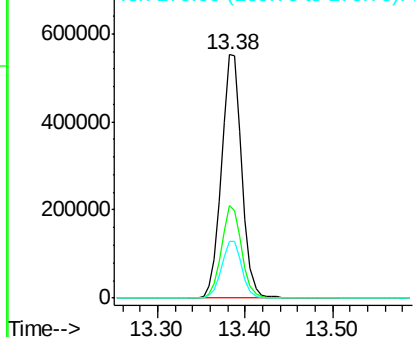


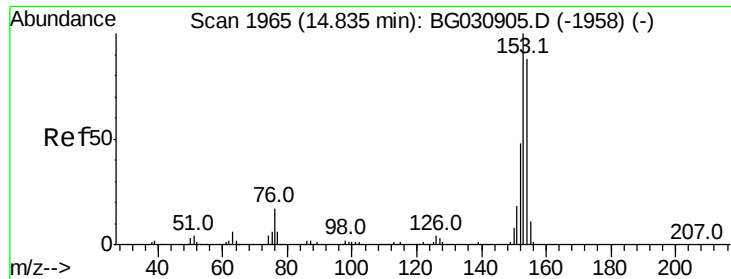
#44
 2-Fluorobiphenyl
 Concen: 102.527 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	30.0	45.0	
170	23.2	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





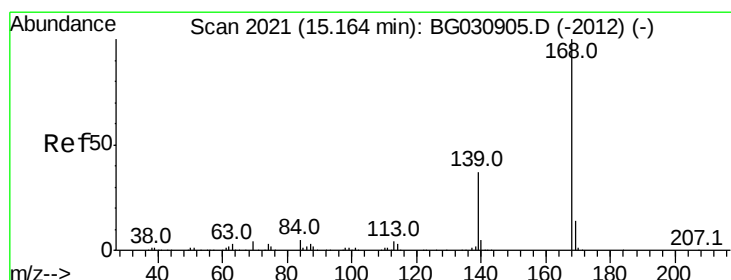
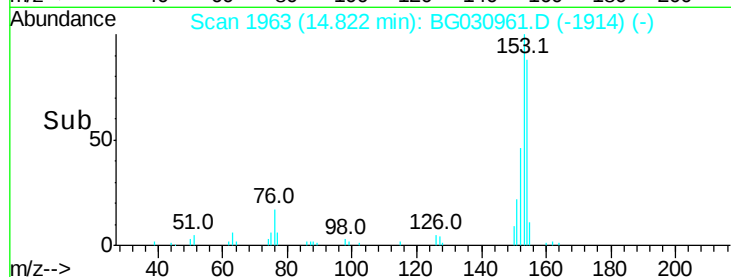
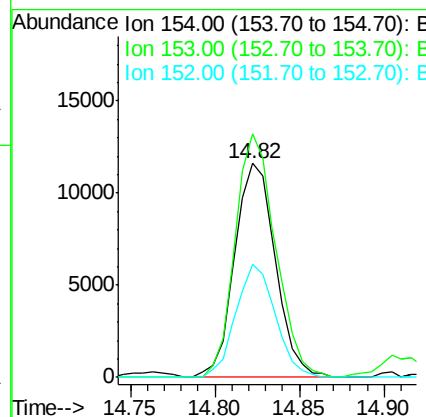
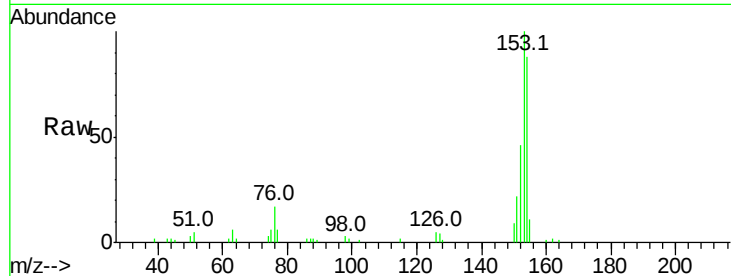
#51
Acenaphthene
Concen: 2.567 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG030961.D
Acq: 12 Nov 2017 2:29

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.4	135.6
152	52.7	41.6	62.4

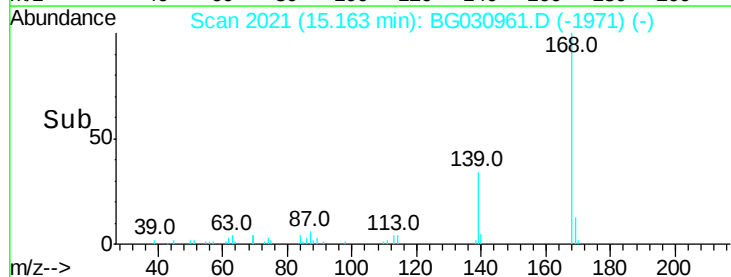
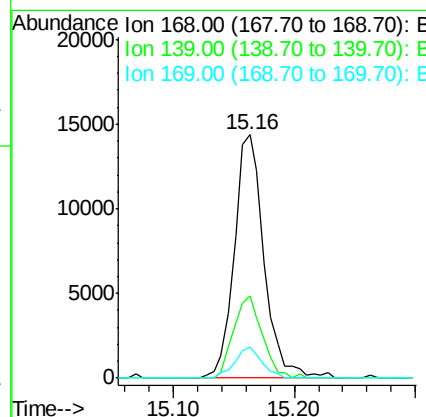
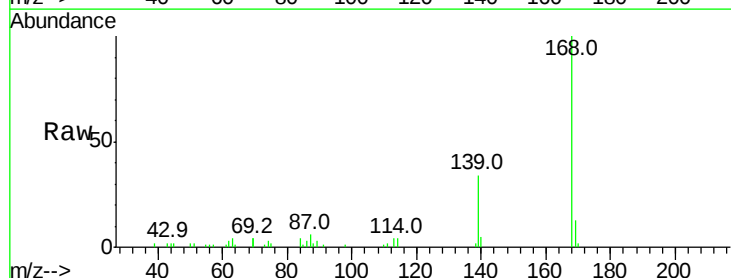
Manual Integrations
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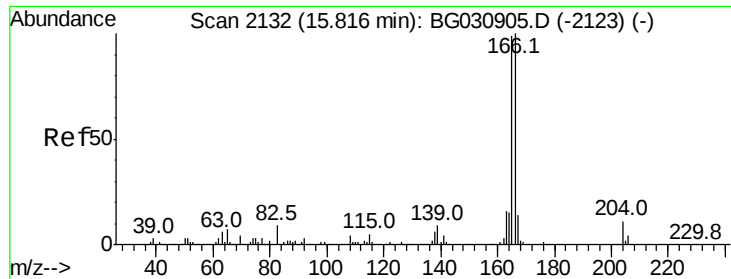
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#54
Dibenzofuran
Concen: 2.032 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG030961.D
Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.7	28.6	43.0
169	13.1	11.2	16.8





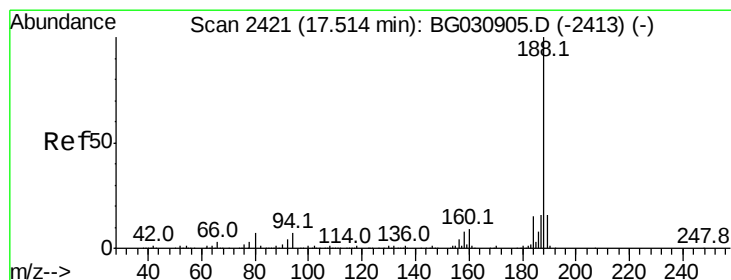
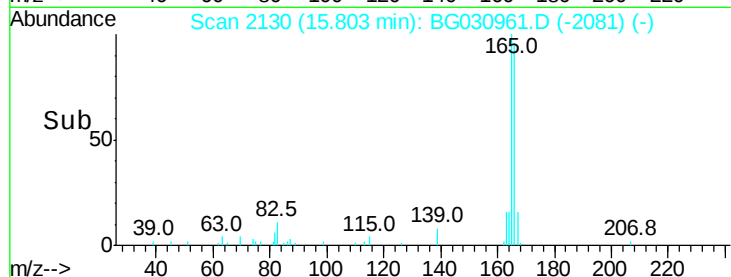
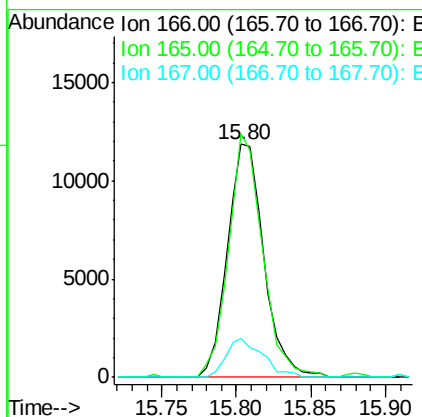
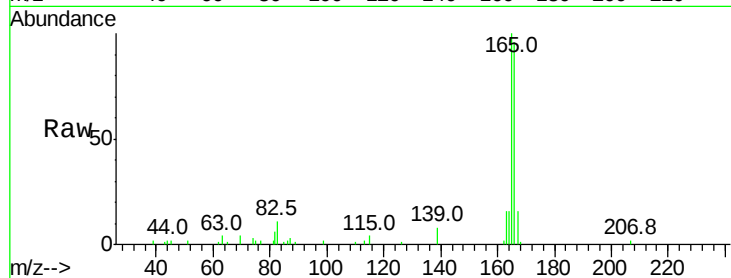
#57
Fluorene
 Concen: 2.056 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.5	80.6	121.0
167	16.7	10.4	15.6

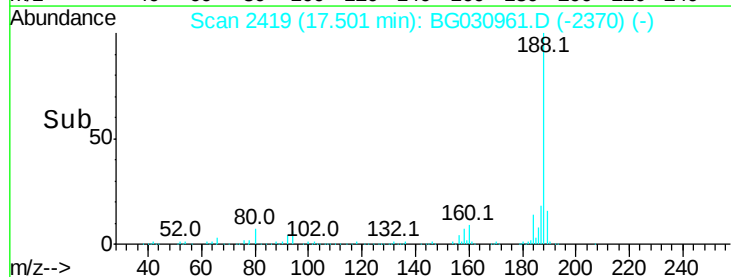
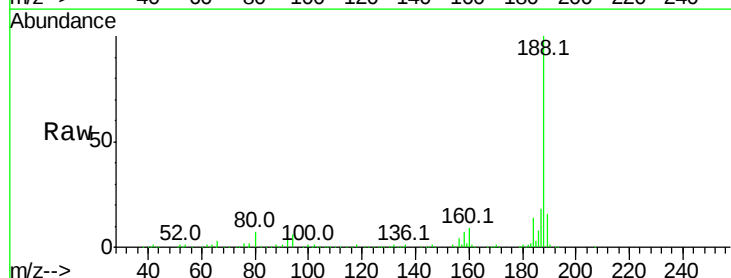
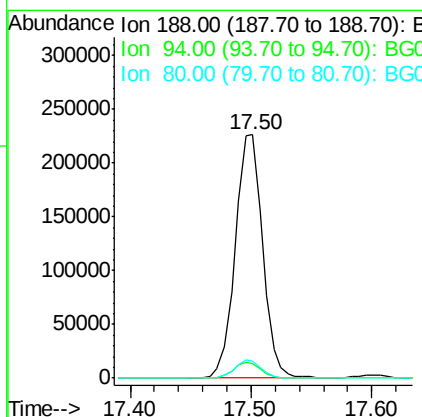
Manual Integrations
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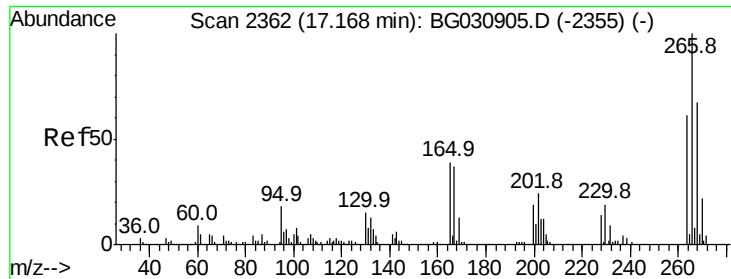
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 11/13/2017 4:55:36 PM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3
80	7.0	7.7	11.5





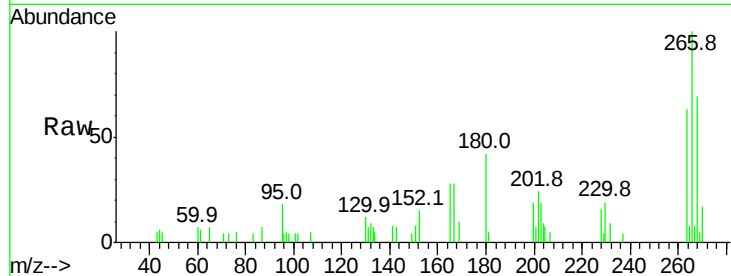
#69
 Pentachlorophenol
 Concen: 4.162 ng m
 RT: 17.17 min Scan# 2362
 Delta R.T. 0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-B

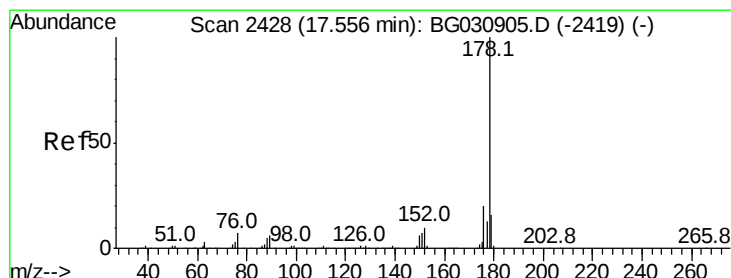
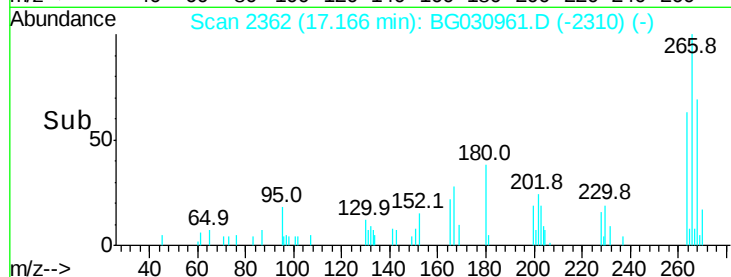
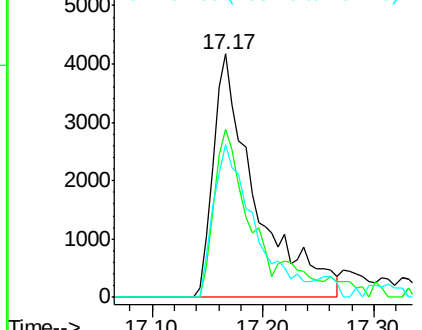
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.2	51.1	76.7
264	62.6	49.6	74.4

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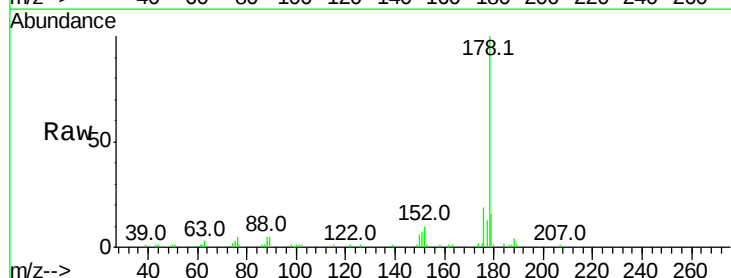


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

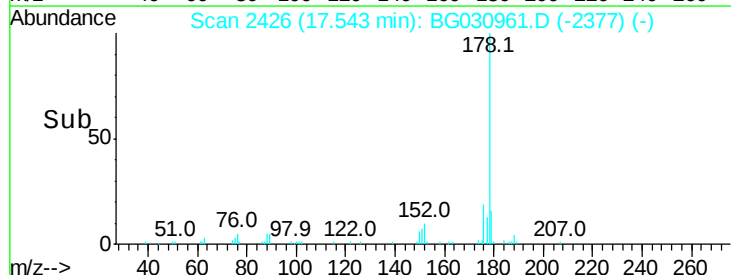
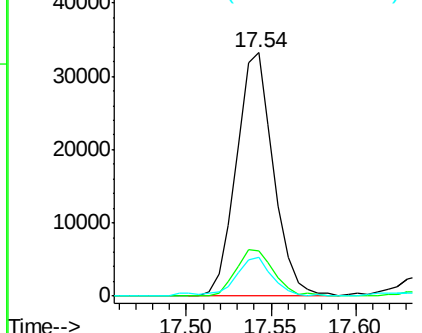


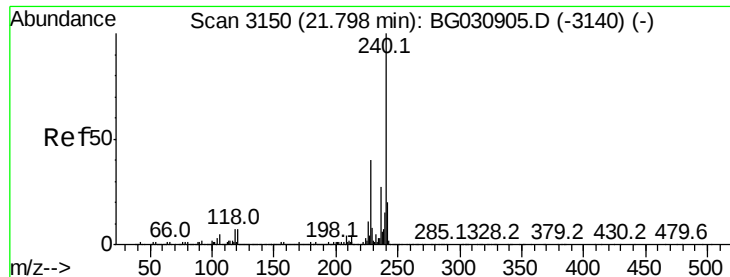
#70
 Phenanthrene
 Concen: 2.710 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG030961.D
 Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.8	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030961.D

Acq: 12 Nov 2017 2:29

Instrument :

BNA_G

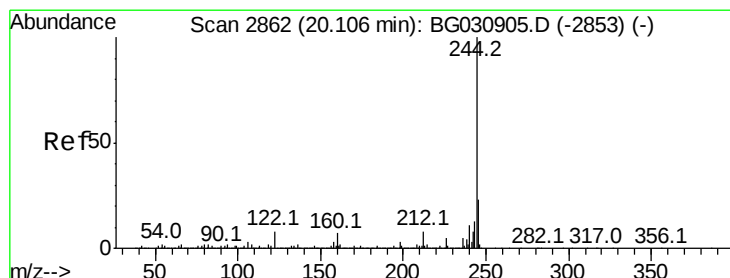
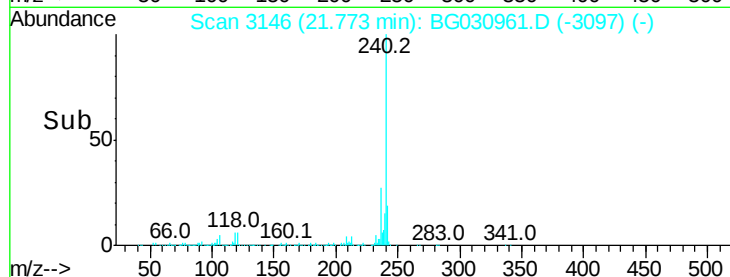
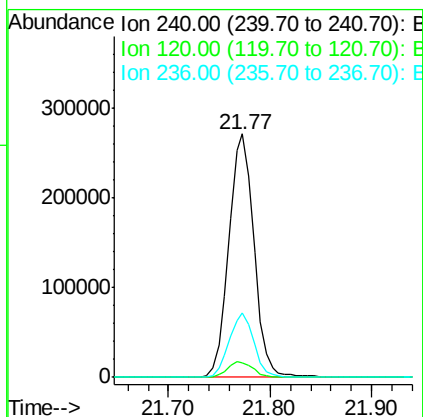
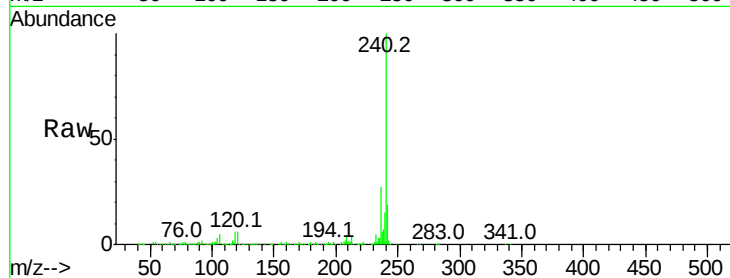
ClientSampleId :

JC-02-110917-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.6	20.9	31.3

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#78

Terphenyl-d14

Concen: 90.654 ng

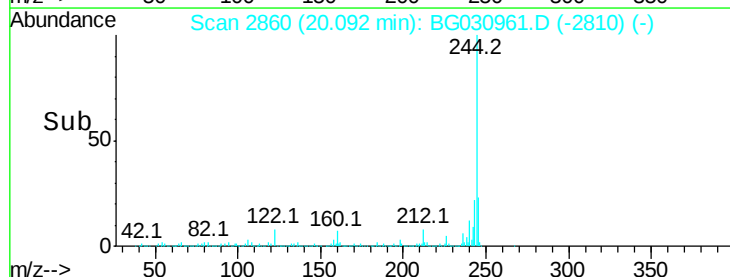
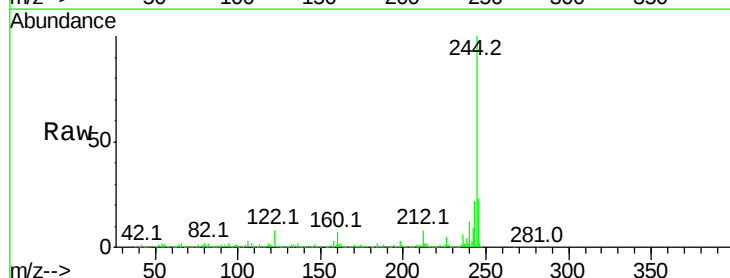
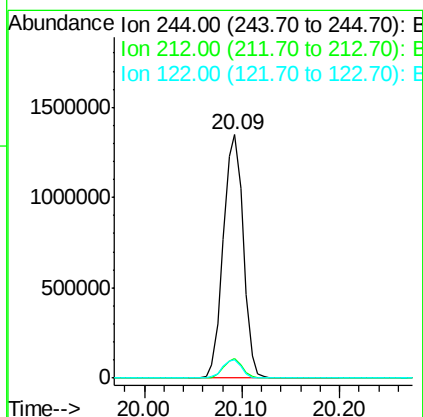
RT: 20.09 min Scan# 2860

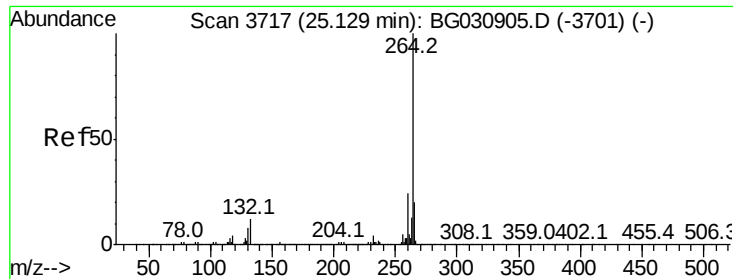
Delta R.T. -0.01 min

Lab File: BG030961.D

Acq: 12 Nov 2017 2:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.6	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030961.D
Acq: 12 Nov 2017 2:29

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-B

Tot Ion:	264	Resp:	457516
Ion Ratio		Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.3	17.7	26.5

Manual Integrations
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