

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043041.D
 Acq On : 4 Oct 2019 23:23
 Operator : JU
 Sample : K5154-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103D

Manual Integrations
 APPROVED

mohammad
 10/9/2019 8:31:59 AM

Quant Time: Oct 05 06:43:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	76146	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	286618	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	205730	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	470328	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	519933	20.00	ng	-0.02
87) Perylene-d12	24.91	264	604630	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	333328	78.12	ng	-0.01
7) Phenol-d6	7.23	99	317190	51.62	ng	-0.01
23) Nitrobenzene-d5	9.22	82	431285	73.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	411832	116.41	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1012441	71.34	ng	-0.02
79) Terphenyl-d14	20.04	244	1949858	79.91	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	43050	7.637	ng	Qvalue 100
20) 3+4-Methylphenols	8.83	107	21973	4.065	ng	# 82
32) Benzoic acid	10.11	122	2850m	3.885	ng	
35) Caprolactam	11.79	113	7788	4.829	ng	# 63
50) Dimethylphthalate	14.13	163	156750	10.169	ng	96

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

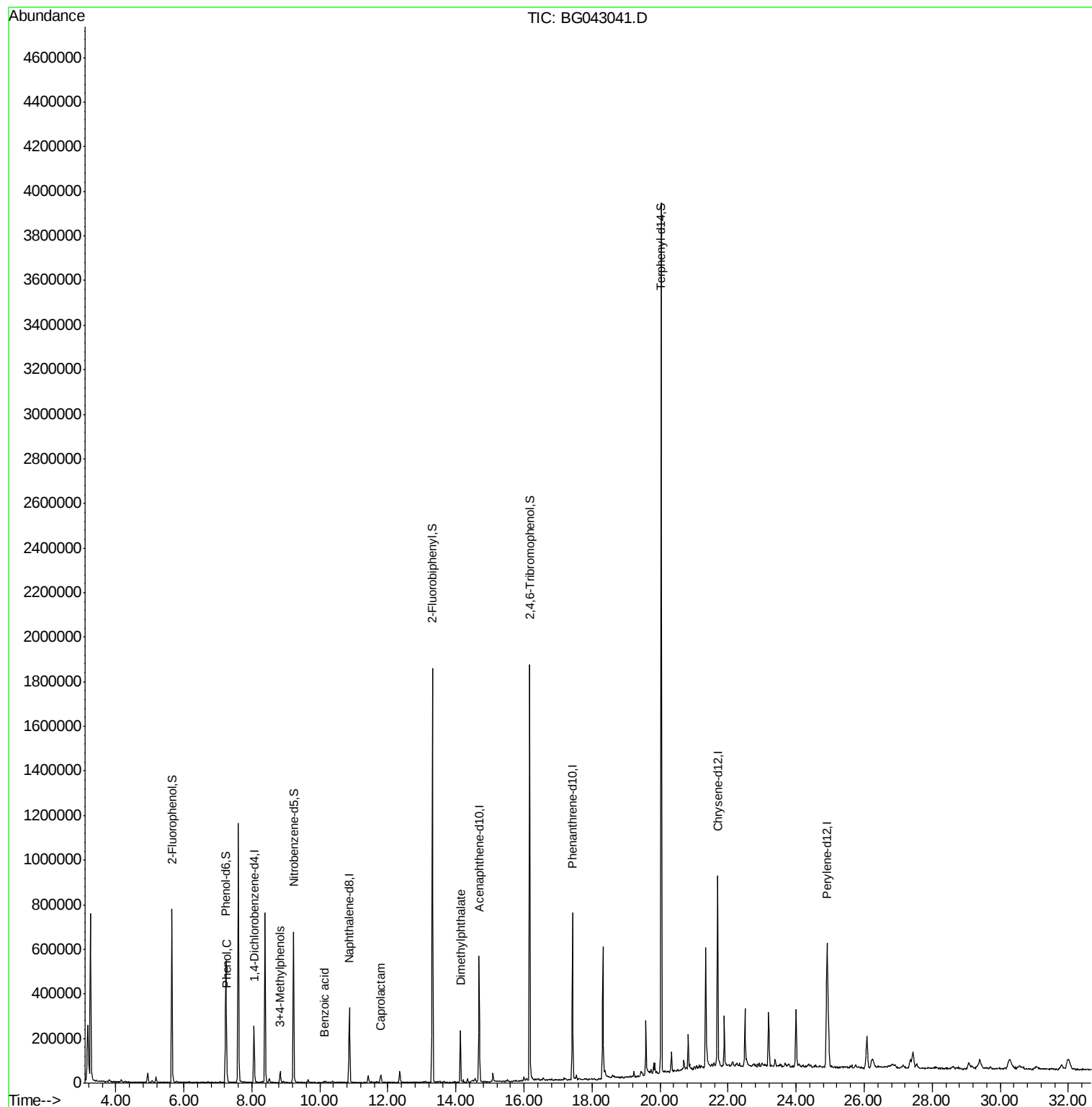
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043041.D
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#1

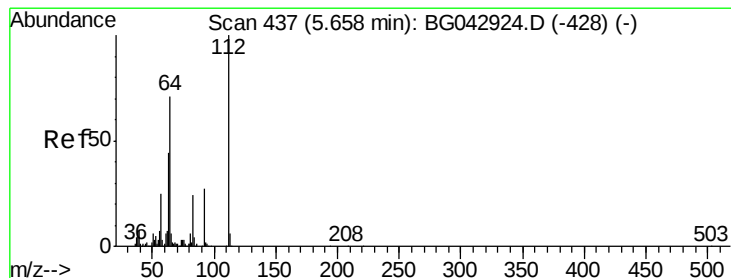
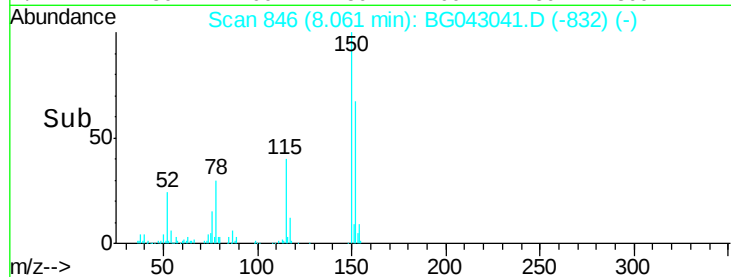
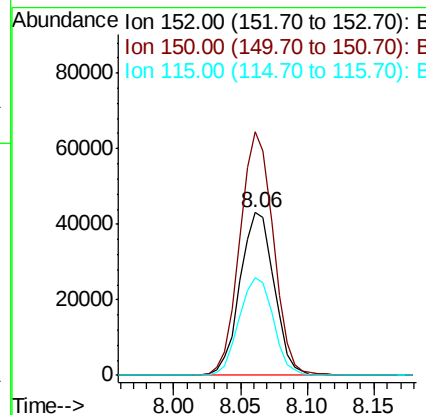
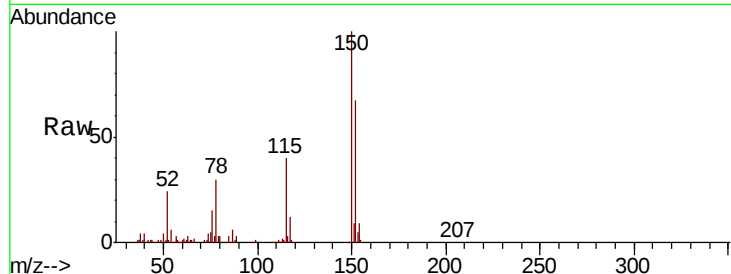
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Instrument :
BNA_G
ClientSampleId :
MW-103D

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	115.0	172.4
115	60.5	47.0	70.6

Manual Integrations
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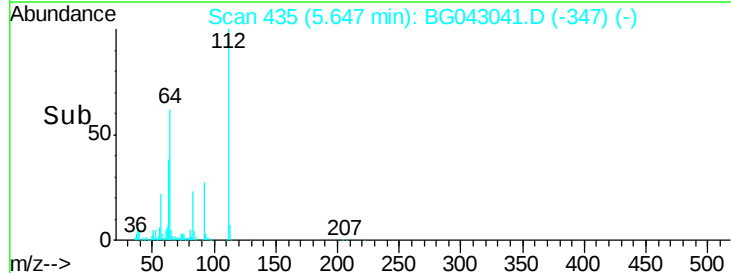
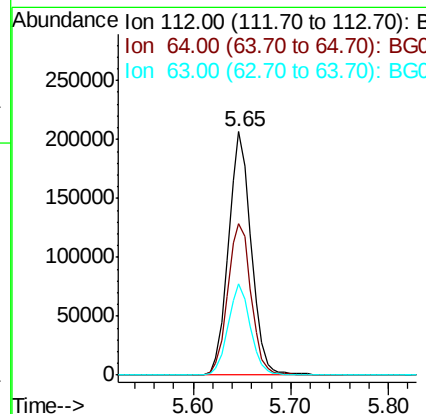
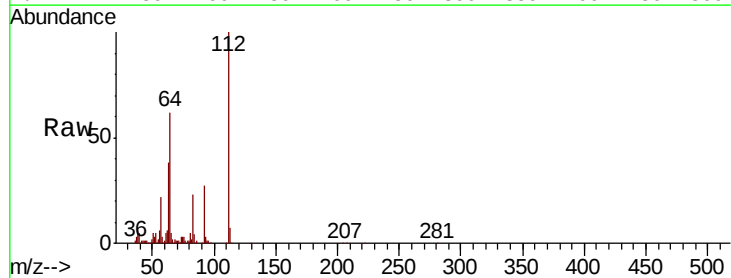
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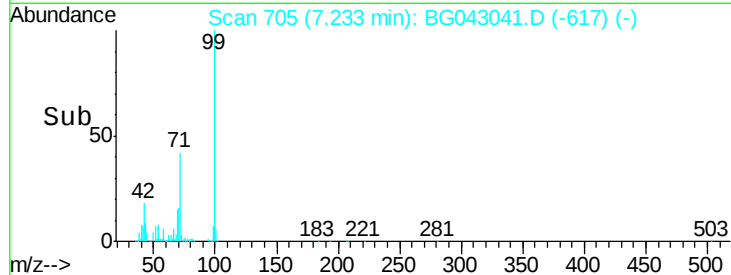
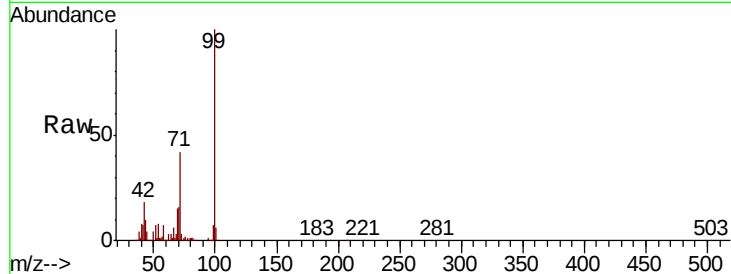
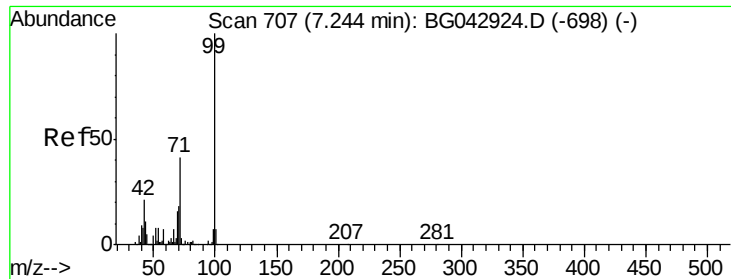


#5

2-Fluorophenol
Concen: 78.122 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.6	84.8
63	37.5	35.1	52.7





#7

Phenol-d6

Concen: 51.622 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043041.D

Acq: 4 Oct 2019 23:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		317190		
42	18.1	17.2	25.8		
71	41.9	33.1	49.7		

Instrument :

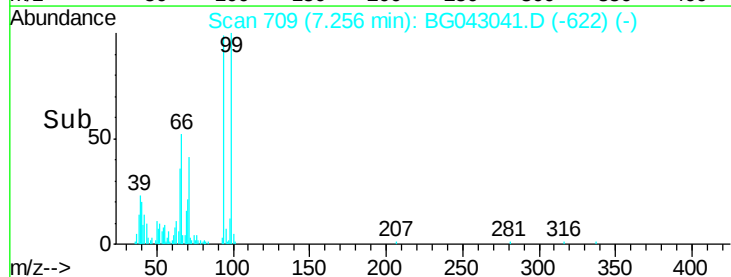
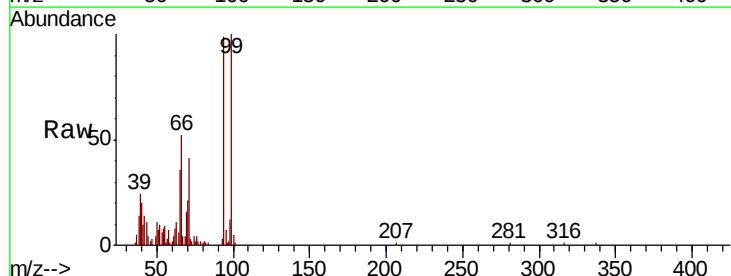
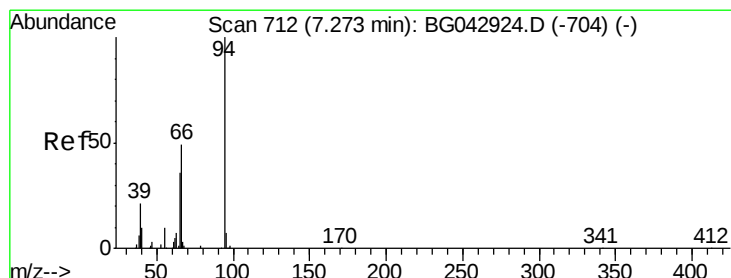
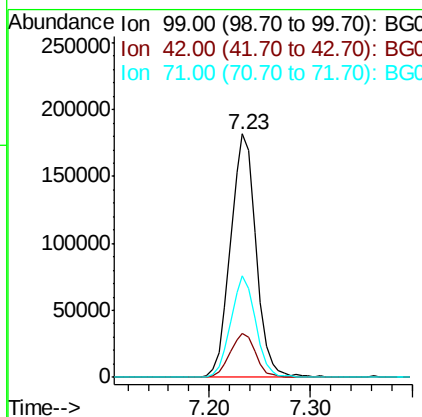
BNA_G

ClientSampleId :

MW-103D

Manual Integrations
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#10

Phenol

Concen: 7.637 ng

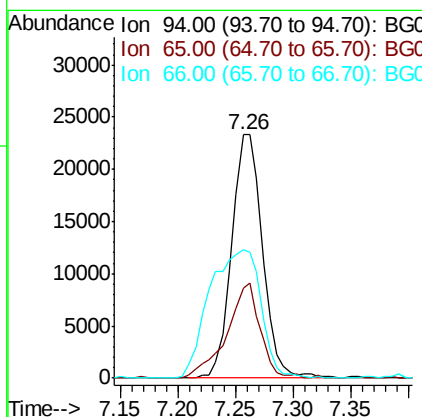
RT: 7.26 min Scan# 709

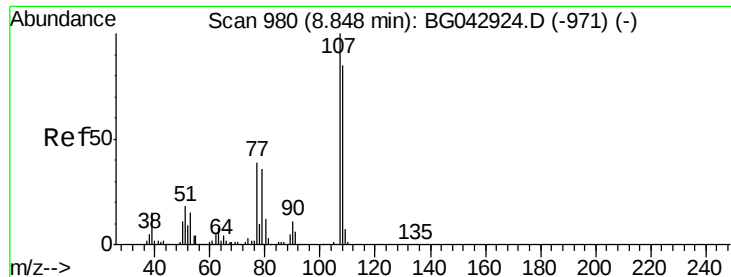
Delta R.T. -0.02 min

Lab File: BG043041.D

Acq: 4 Oct 2019 23:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		43050		
65	36.7	16.6	56.6		
66	52.8	32.4	72.4		





#20

3+4-Methylphenols

Concen: 4.065 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BG043041.D

Acq: 4 Oct 2019 23:23

Instrument :

BNA_G

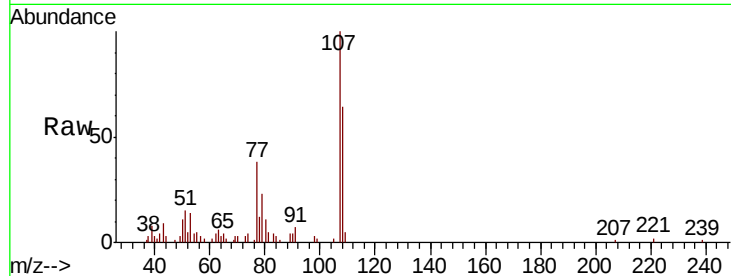
ClientSampleId :

MW-103D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	21973		
108	108	64.4		64.9	104.9#
77	77	37.5		19.4	59.4
79	79	23.3		16.2	56.2

Manual Integrations
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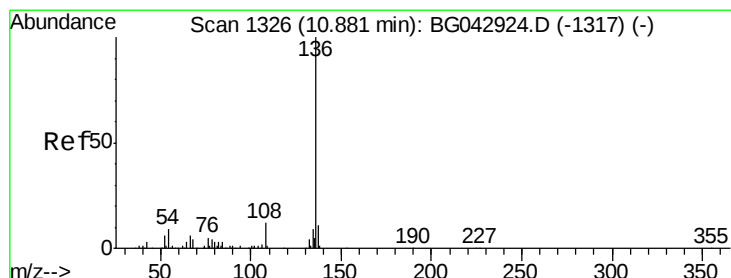
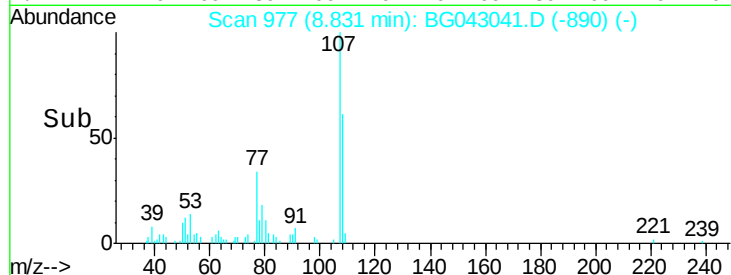
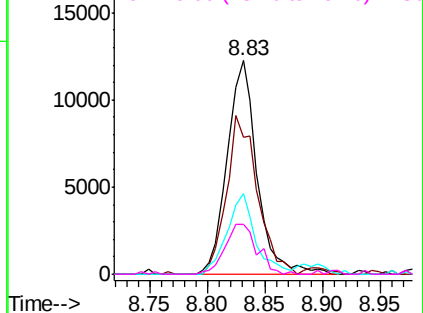
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043041.D

Acq: 4 Oct 2019 23:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	286618		
137	137	11.4		8.5	12.7
54	54	8.1		7.4	11.2
68	68	3.9		3.6	5.4

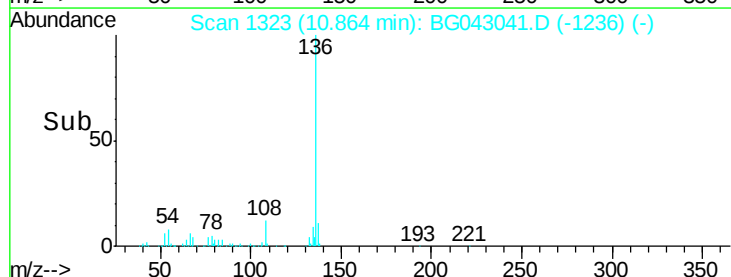
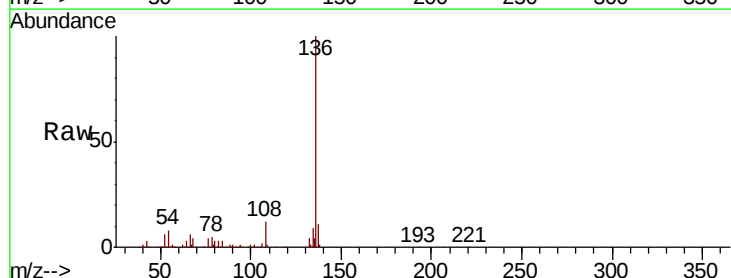
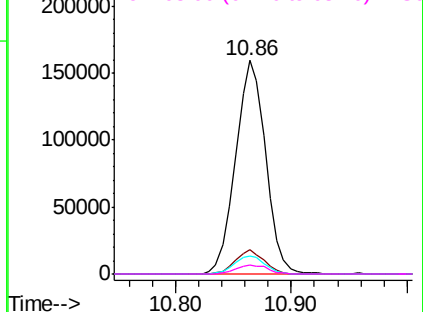
Abundance

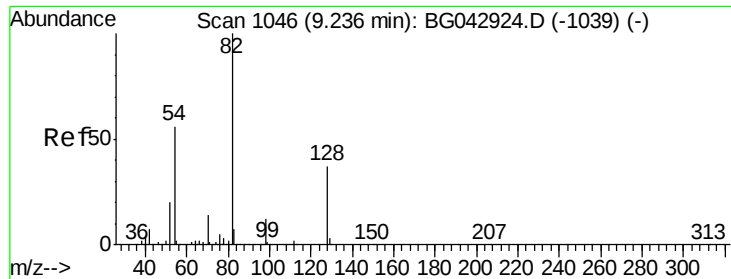
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





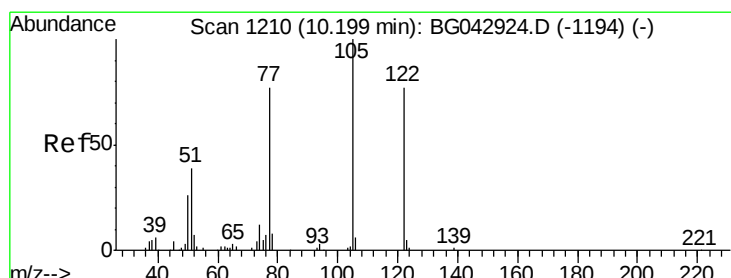
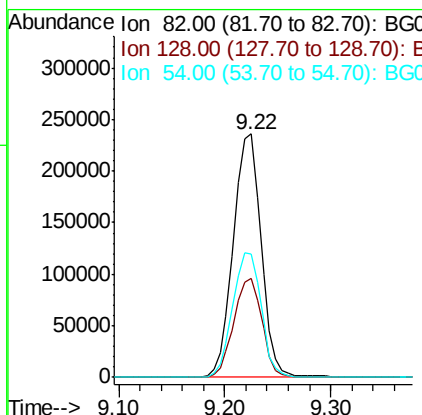
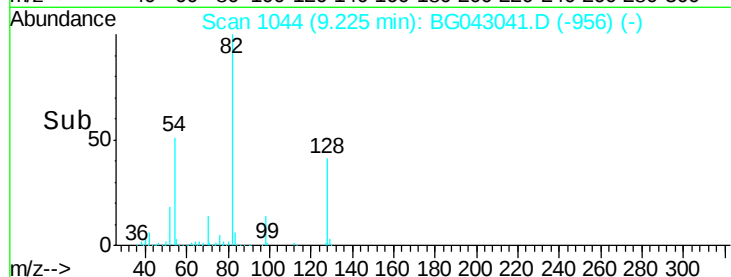
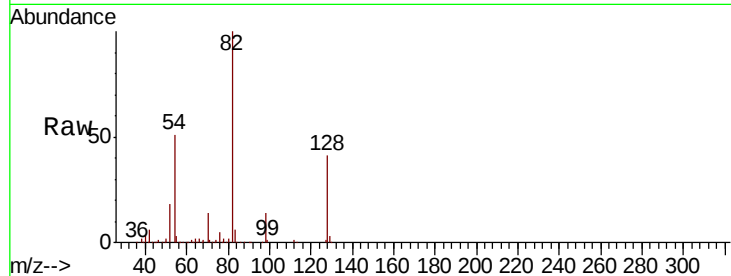
#23
Nitrobenzene-d5
Concen: 73.138 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Instrument :
BNA_G
ClientSampleId :
MW-103D

Tot Ion	Ratio	Resp	Lower	Upper
82	100	431285		
128	40.7	29.5	44.3	
54	50.5	44.6	67.0	

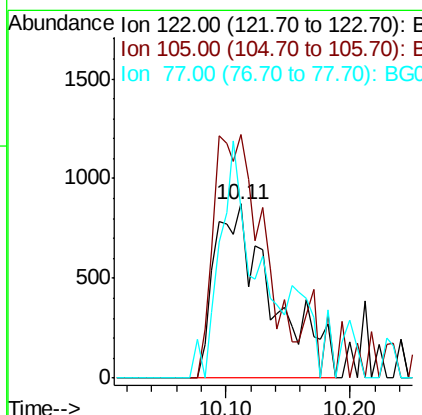
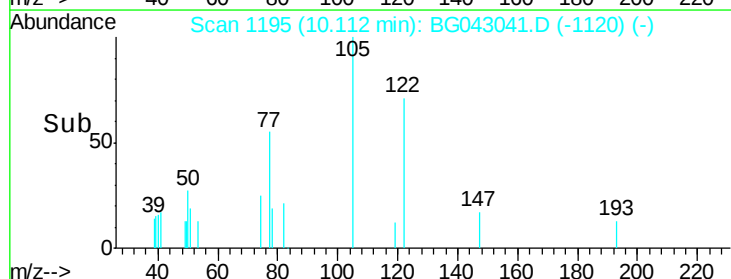
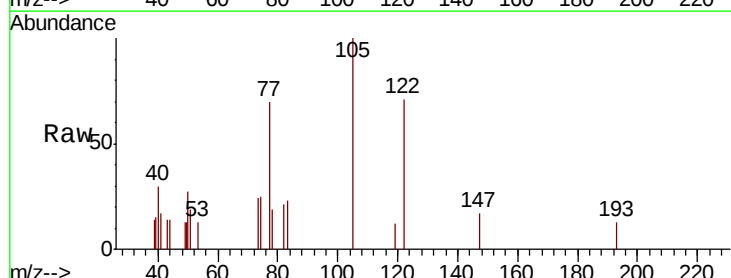
Manual Integrations
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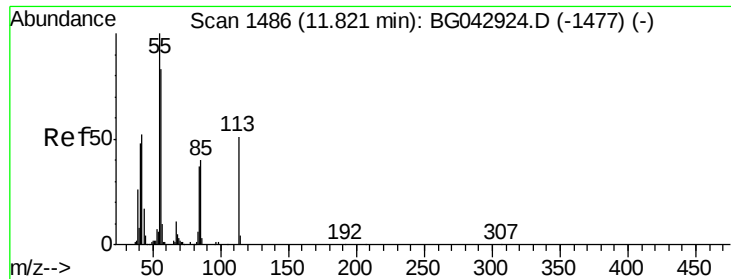
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#32
Benzoic acid
Concen: 3.885 ng m
RT: 10.11 min Scan# 1195
Delta R.T. -0.09 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	2850		
105	139.9	107.5	147.5	
77	97.5	79.8	119.8	





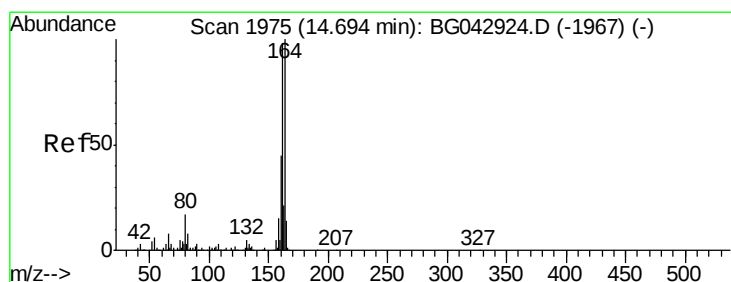
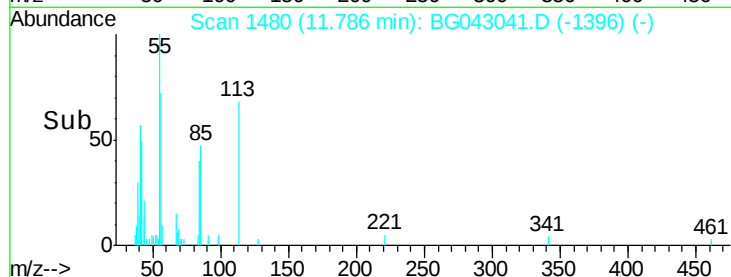
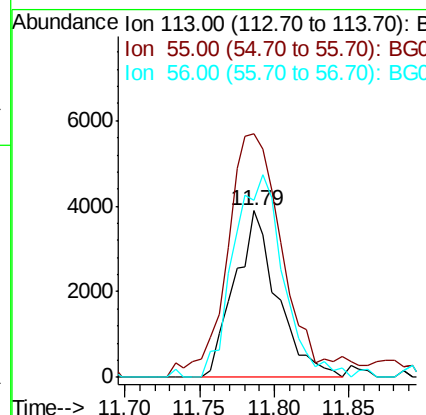
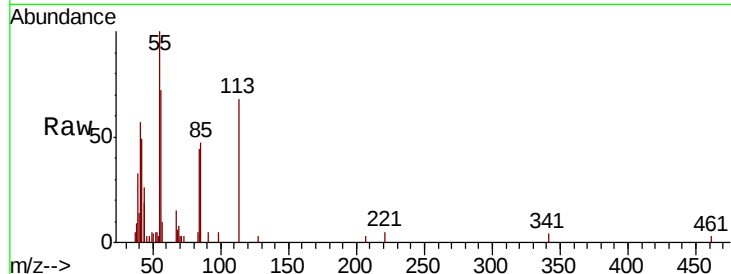
#35
 Caprolactam
 Concen: 4.829 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.03 min
 Lab File: BG043041.D
 Acq: 4 Oct 2019 23:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-103D

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.3	175.5	215.5#
56	106.0	142.3	182.3#

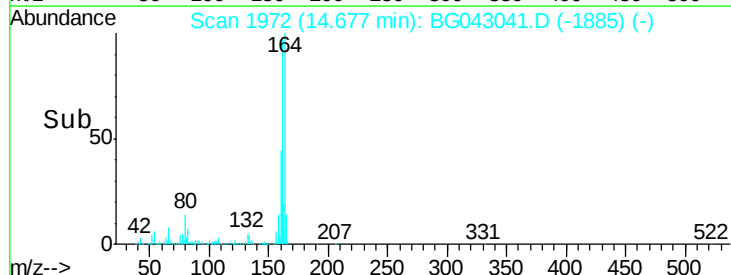
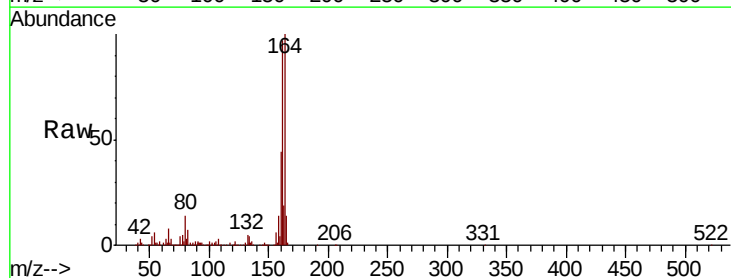
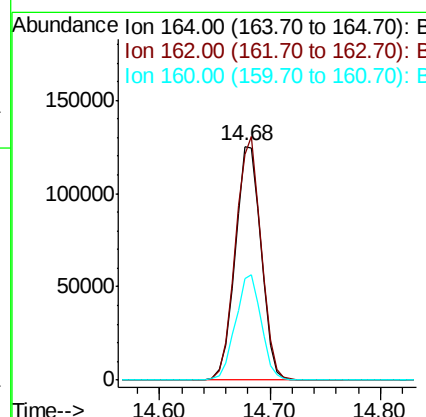
Manual Integrations
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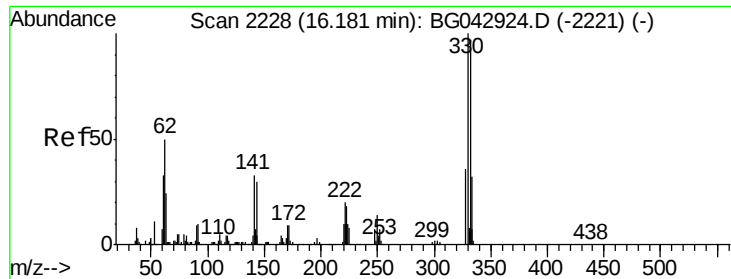
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG043041.D
 Acq: 4 Oct 2019 23:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	78.5	117.7
160	43.7	35.9	53.9





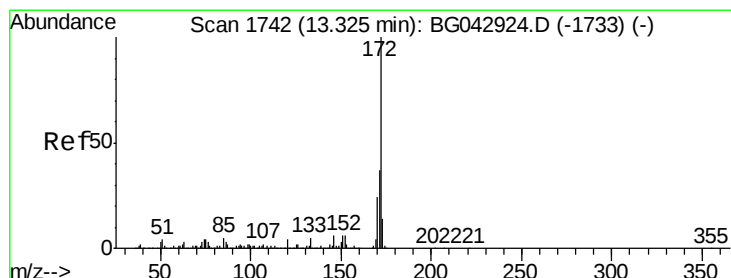
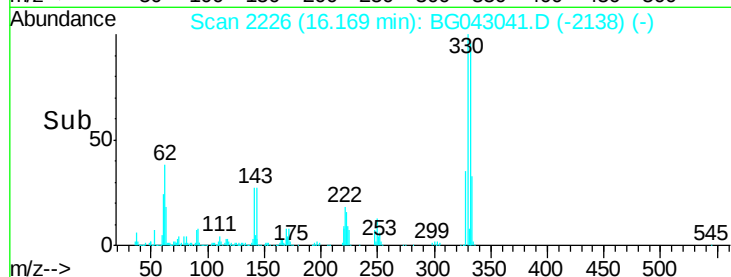
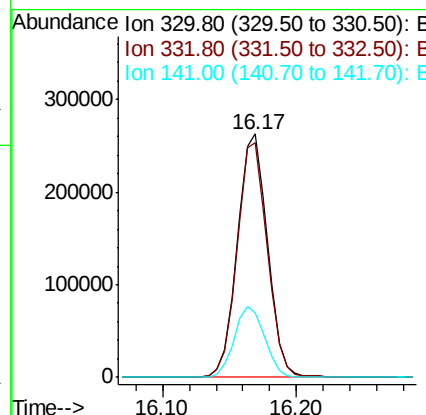
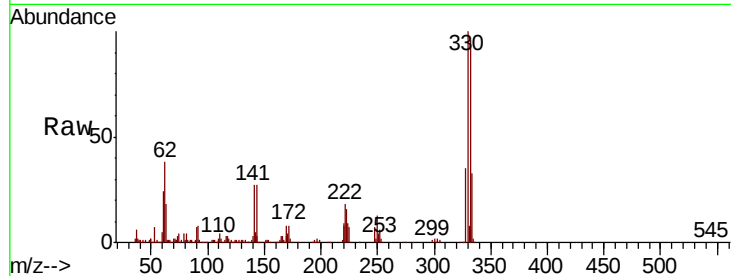
#42
2,4,6-Tribromophenol
Concen: 116.414 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Instrument :
BNA_G
ClientSampleId :
MW-103D

Tot Ion	Ratio	Resp	Lower	Upper
330	100	411832		
332	96.8	78.2	117.2	
141	29.5	26.0	39.0	

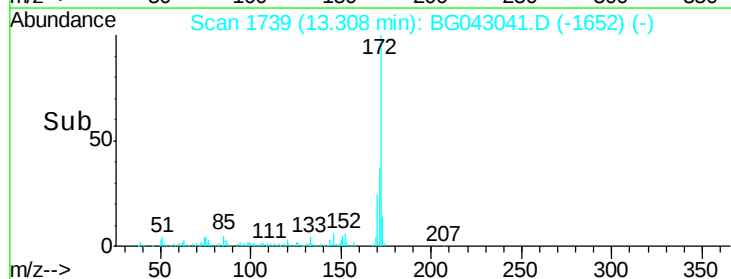
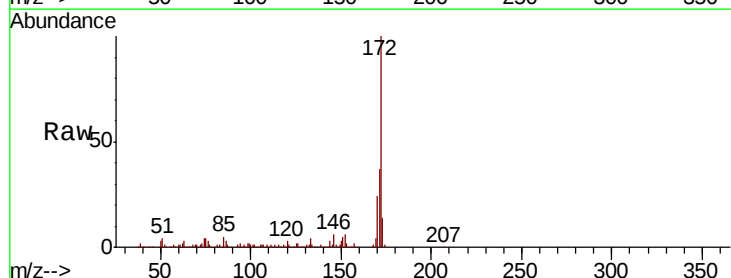
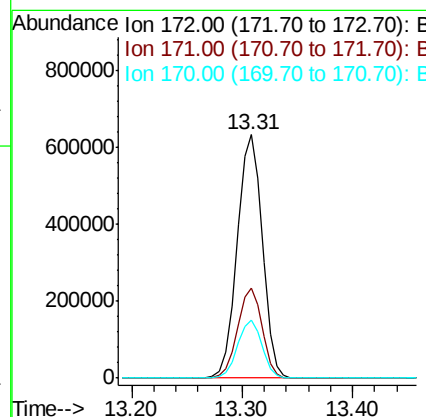
Manual Integrations
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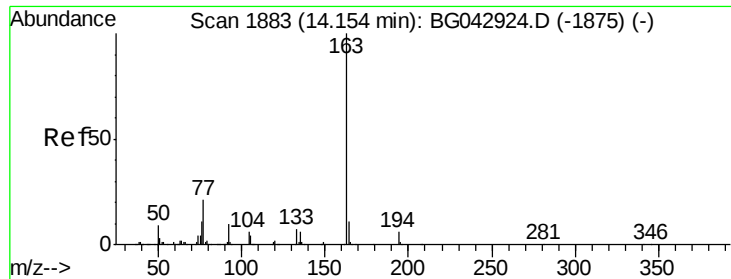
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#45
2-Fluorobiphenyl
Concen: 71.343 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1012441		
171	36.9	29.6	44.4	
170	23.7	19.6	29.4	





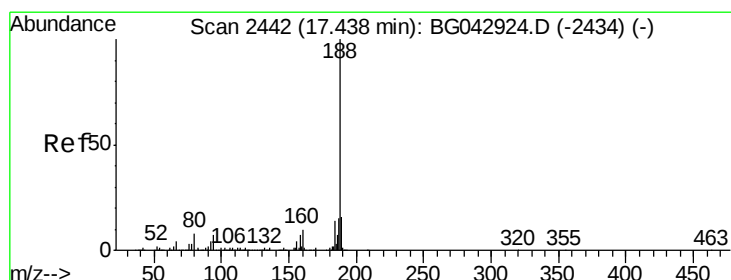
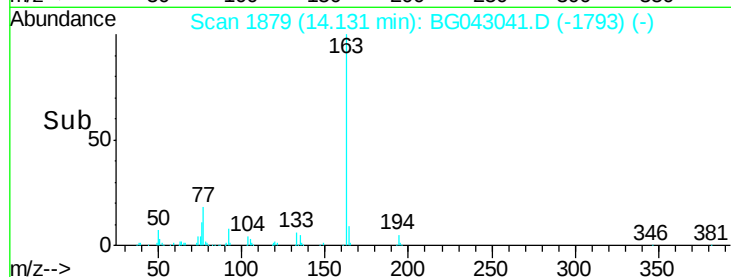
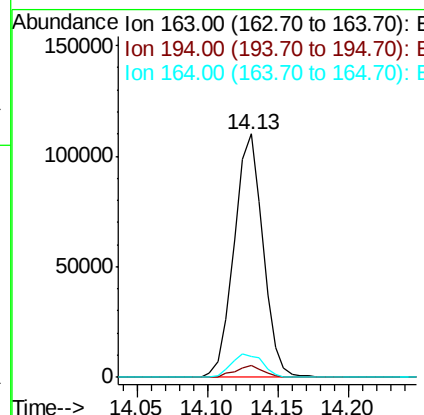
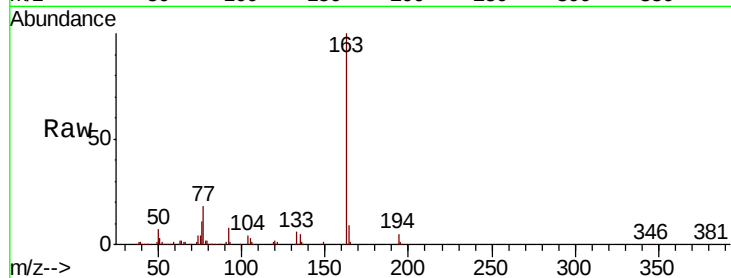
#50
Dimethylphthalate
Concen: 10.169 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Instrument :
BNA_G
ClientSampleId :
MW-103D

Tot Ion	Ratio	Resp	Lower	Upper
163	100	156750		
194	4.8		4.4	6.6
164	8.6		8.6	12.8

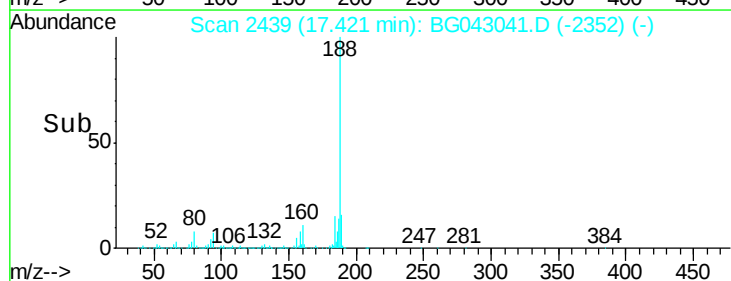
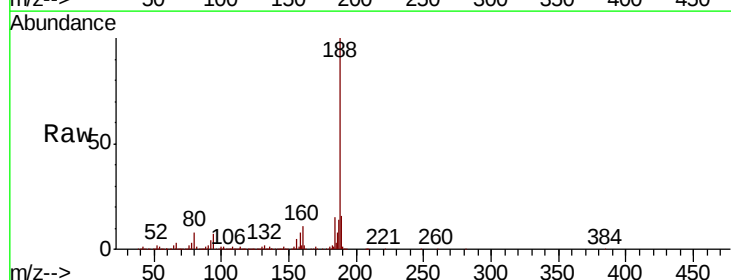
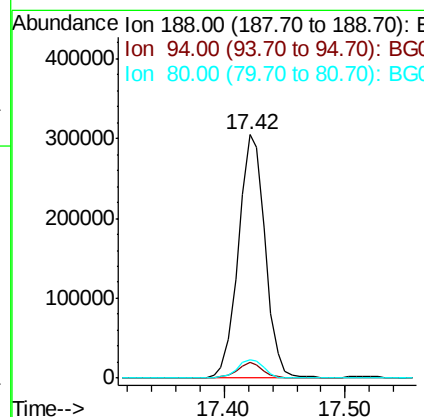
Manual Integrations
APPROVED

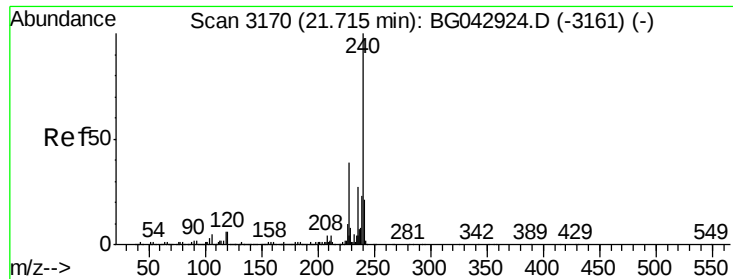
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	470328		
94	6.7		5.7	8.5
80	7.6		6.5	9.7





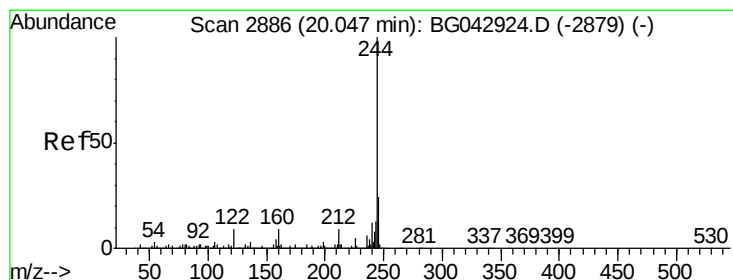
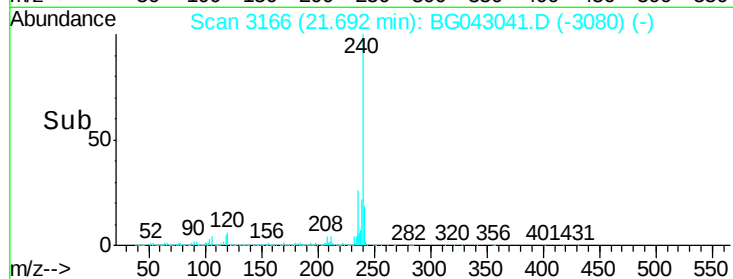
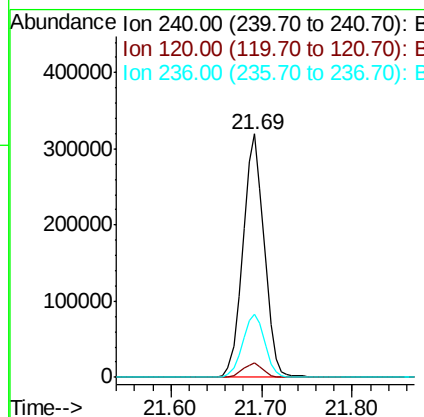
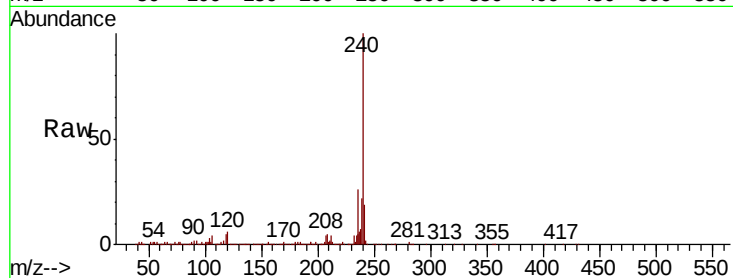
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG043041.D
 Acq: 4 Oct 2019 23:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-103D

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.8	7.2
236	25.8	21.4	32.0

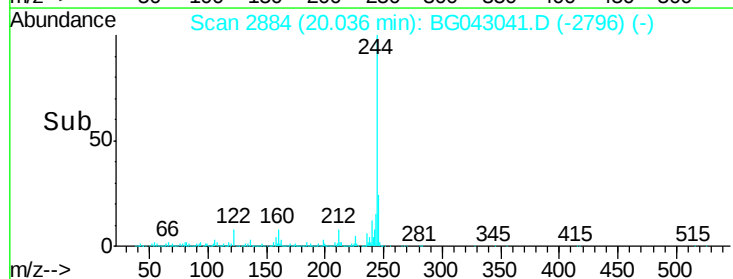
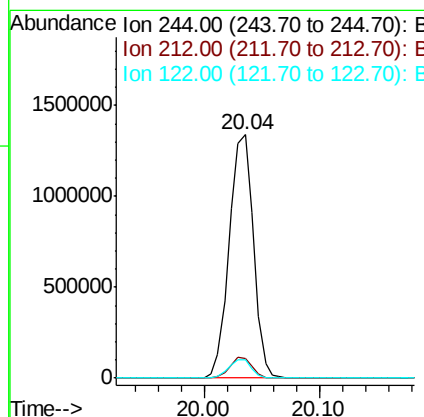
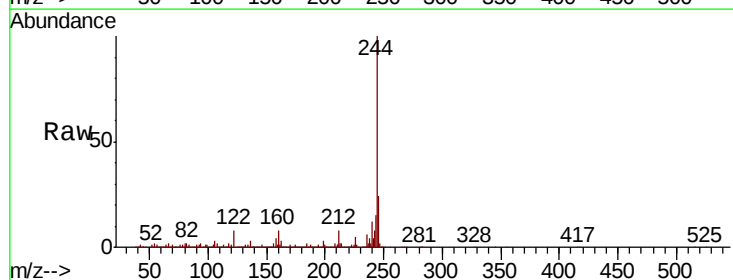
Manual Integrations
 APPROVED

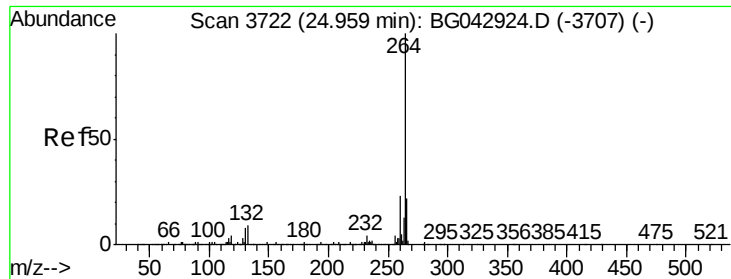
mohammad
 10/9/2019 8:31:59 AM



#79
 Terphenyl-d14
 Concen: 79.912 ng
 RT: 20.04 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG043041.D
 Acq: 4 Oct 2019 23:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.0
122	7.7	7.0	10.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043041.D
Acq: 4 Oct 2019 23:23

Instrument :
BNA_G
ClientSampleId :
MW-103D

Tot Ion:	264	Resp:	604630
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.7	28.1
265	23.3	17.7	26.5

Manual Integrations
APPROVED

mohammad
10/9/2019 8:31:59 AM

