

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041228.D
 Acq On : 13 Jun 2019 18:15
 Operator : HP/JU
 Sample : K3309-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW001-190610

Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:53:53 PM

Quant Time: Jun 14 09:00:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	42065	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	160074	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	116957	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	282824	20.00	ng	0.00
76) Chrysene-d12	21.76	240	292246	20.00	ng	0.00
87) Perylene-d12	25.08	264	287981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	127550	54.68	ng	0.00
7) Phenol-d6	7.26	99	161279	44.77	ng	0.00
23) Nitrobenzene-d5	9.28	82	320321	88.84	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	207276	119.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	707953	87.17	ng	0.00
79) Terphenyl-d14	20.08	244	1031553	74.91	ng	0.00

Target Compounds

						Qvalue
10) Phenol	7.29	94	132546	34.313	ng	96
12) 1,3-Dichlorobenzene	7.99	146	110913	33.391	ng	98
13) 1,4-Dichlorobenzene	8.14	146	269417	80.130	ng	96
14) 1,2-Dichlorobenzene	8.47	146	1672959	512.458	ng	90
17) 2-Methylphenol	8.54	107	164142	58.687	ng	98
20) 3+4-Methylphenols	8.88	107	809806	209.024	ng	99
22) Acetophenone	8.94	105	84435	18.804	ng	99
27) 2,4-Dimethylphenol	10.12	122	131801	52.681	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	13545	3.748	ng	# 97
31) Naphthalene	10.98	128	861490	100.237	ng	98
32) Benzoic acid	10.25	122	11779m	13.159	ng	
37) 2-Methylnaphthalene	12.57	142	82937	12.529	ng	98
38) 1-Methylnaphthalene	12.78	142	70161m	11.248	ng	
50) Dimethylphthalate	14.18	163	56319	5.689	ng	98
60) Diethylphthalate	15.53	149	44555	4.410	ng	98

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

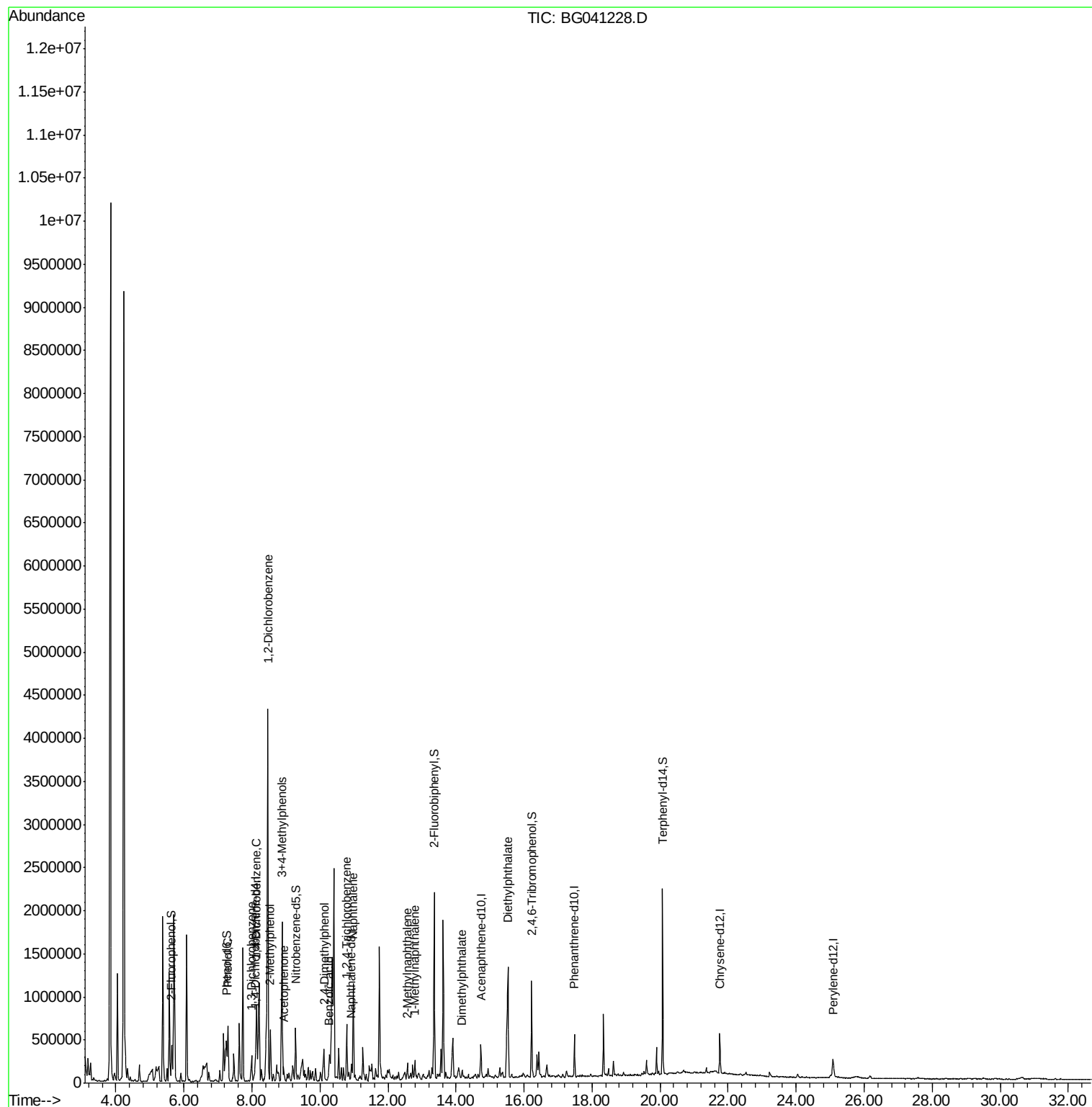
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041228.D
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Sample : K3309-02
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ALS Vial : 6 Sample Multiplier: 1

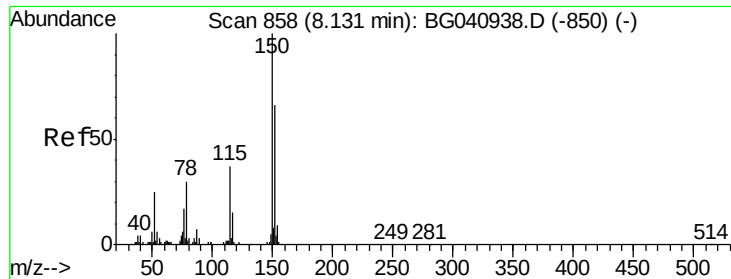
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

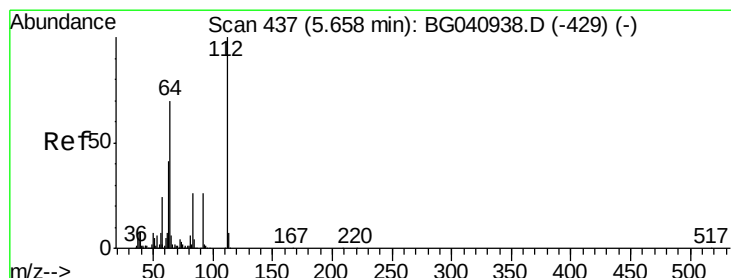
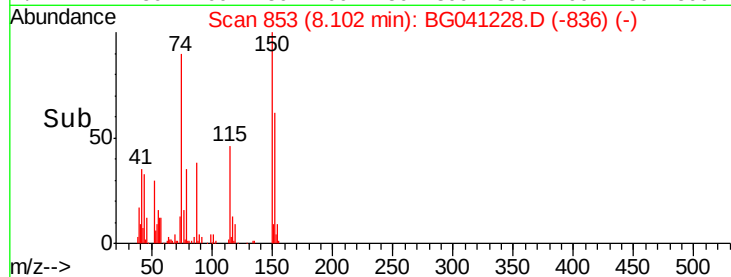
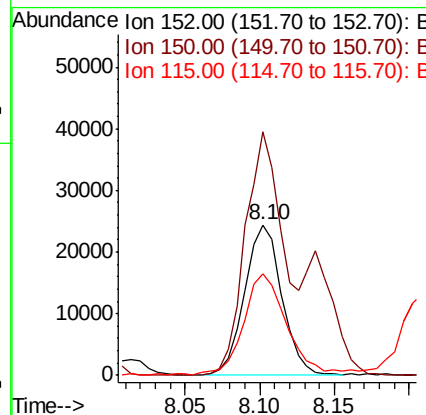
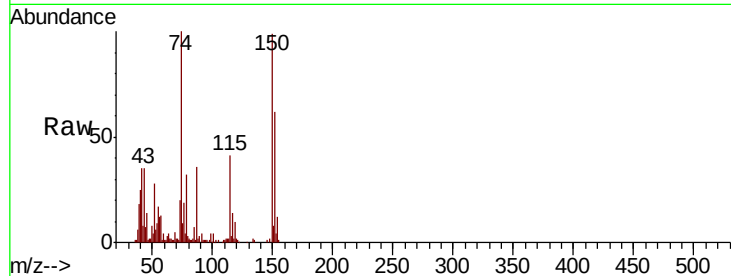
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	120.6	180.8
115	67.3	45.1	67.7

Manual Integrations
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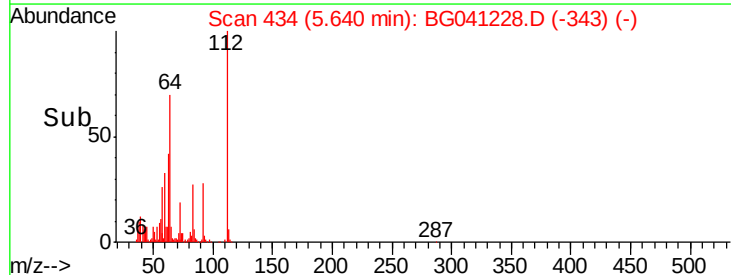
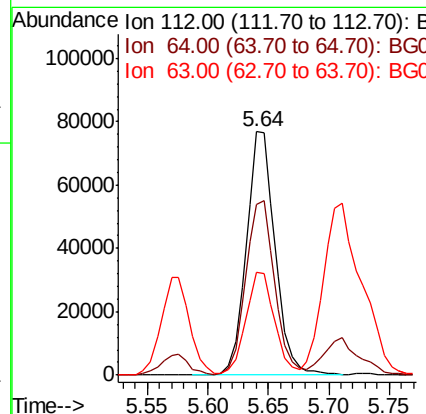
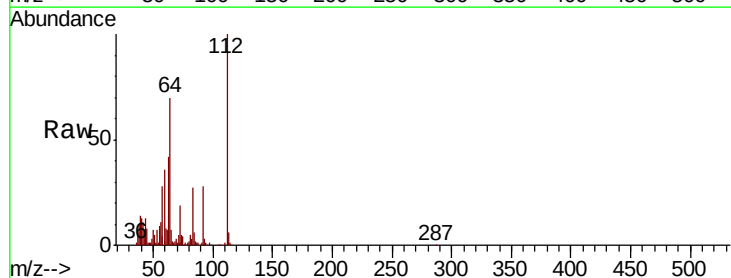
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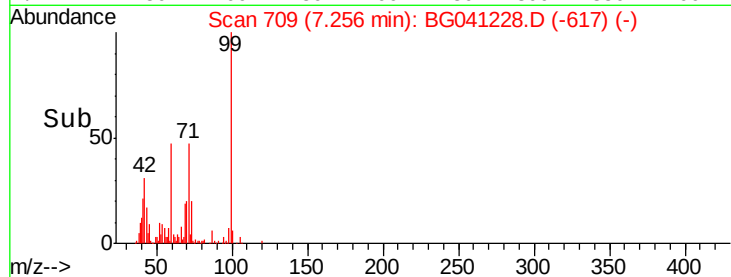
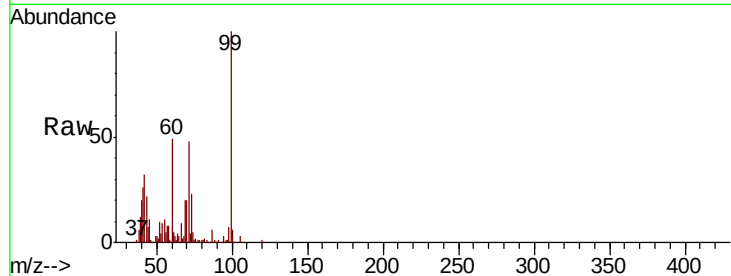
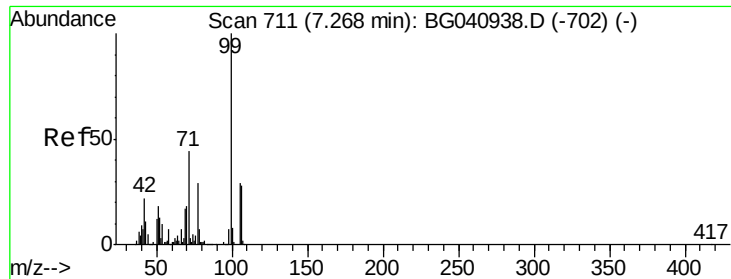


#5

2-Fluorophenol
Concen: 54.677 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.2	84.2
63	42.3	32.8	49.2





#7

Phenol-d6

Concen: 44.766 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Tot Ion:	99	Resp:	161279
Ion Ratio	Lower	Upper	
99	100		
42	32.3	17.9	26.9#
71	47.8	35.4	53.0

Instrument :

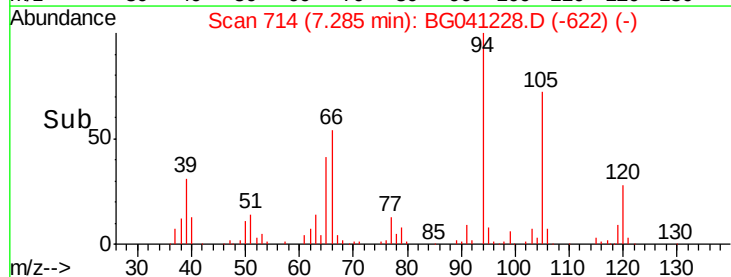
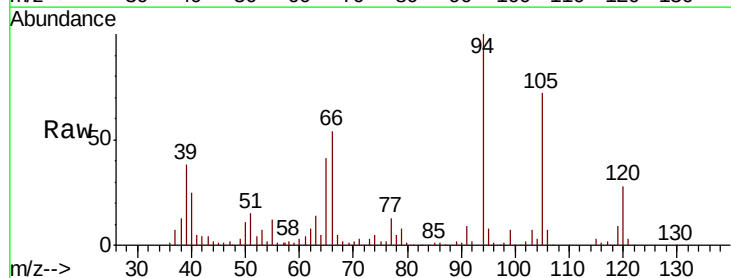
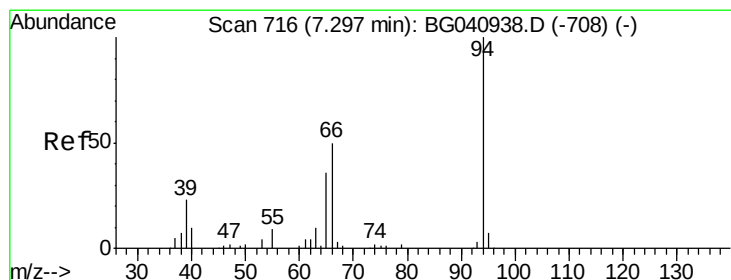
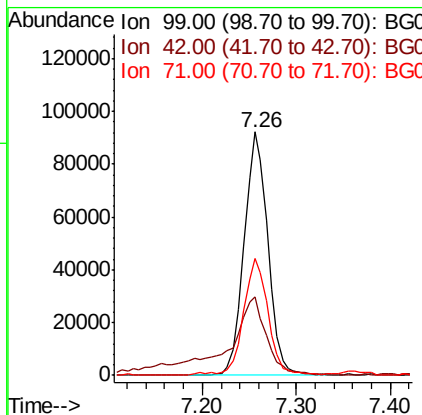
BNA_G

ClientSampleId :

LF001MW001-190610

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#10

Phenol

Concen: 34.313 ng

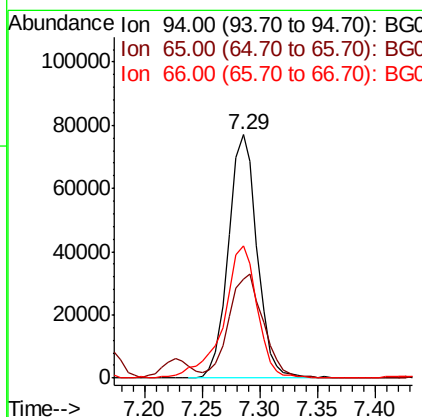
RT: 7.29 min Scan# 714

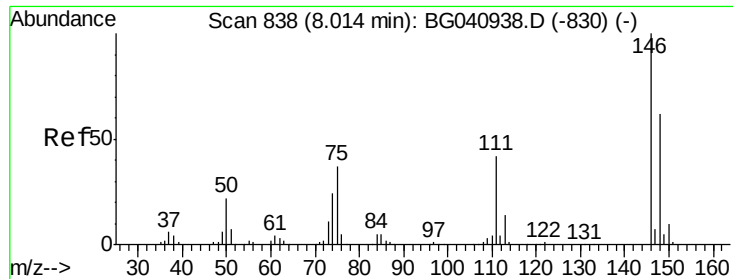
Delta R.T. 0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Tgt Ion:	94	Resp:	132546
Ion Ratio	Lower	Upper	
94	100		
65	40.5	17.0	57.0
66	54.4	32.4	72.4





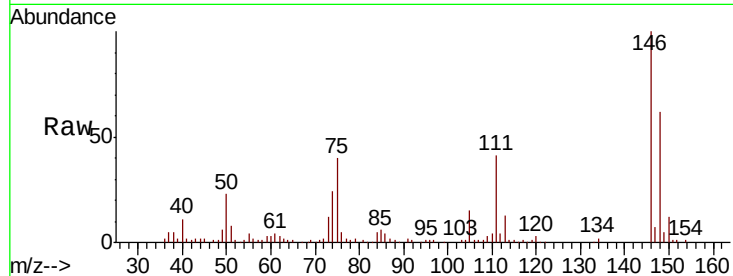
#12
1,3-Dichlorobenzene
Concen: 33.391 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.2	73.8
75	39.7	29.4	44.0

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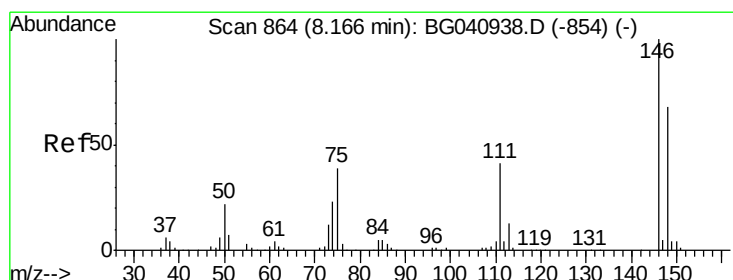
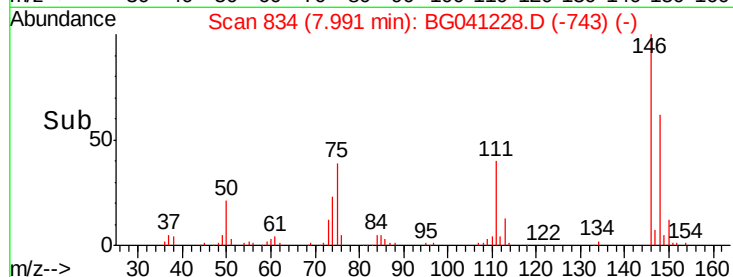
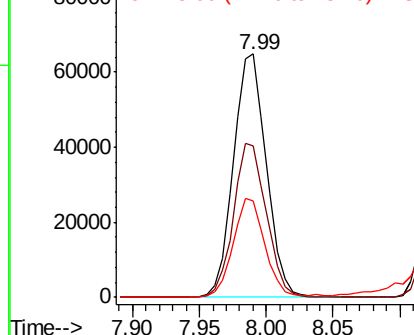


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13
1,4-Dichlorobenzene
Concen: 80.130 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

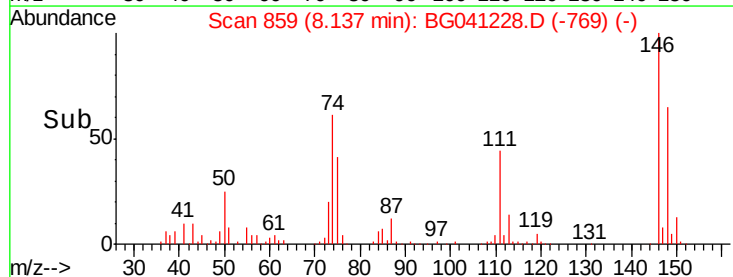
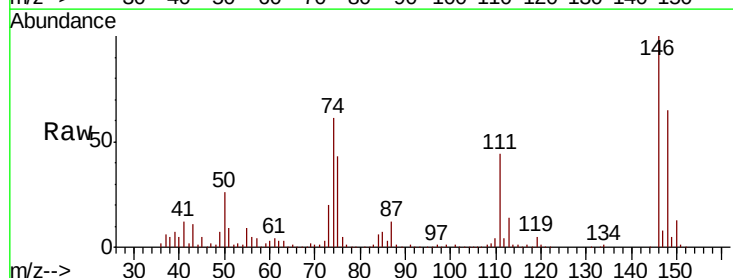
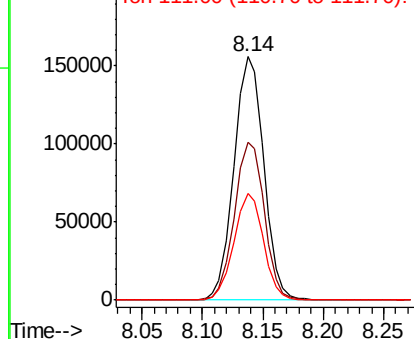
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.2	81.4
111	43.7	32.9	49.3

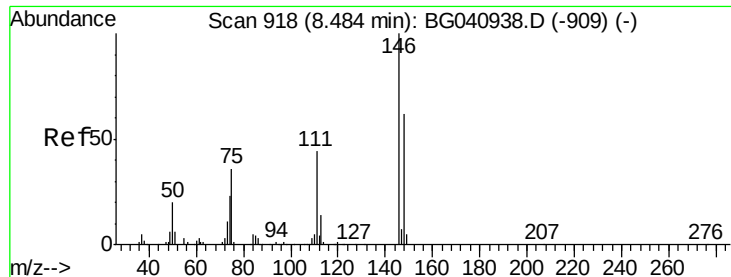
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





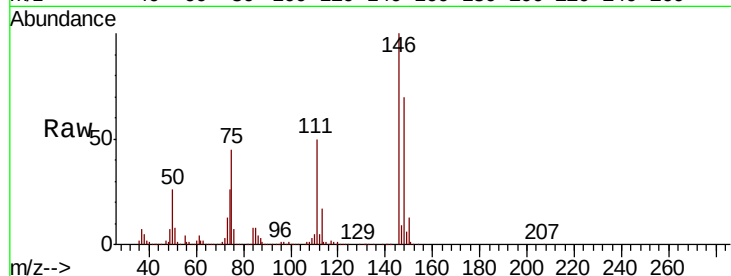
#14
 1,2-Dichlorobenzene
 Concen: 512.458 ng
 RT: 8.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.5	49.8	74.6
111	50.5	35.0	52.4

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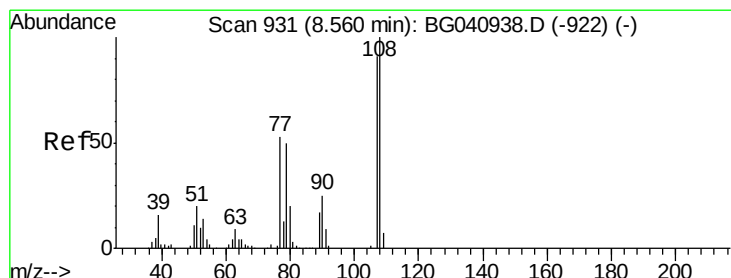
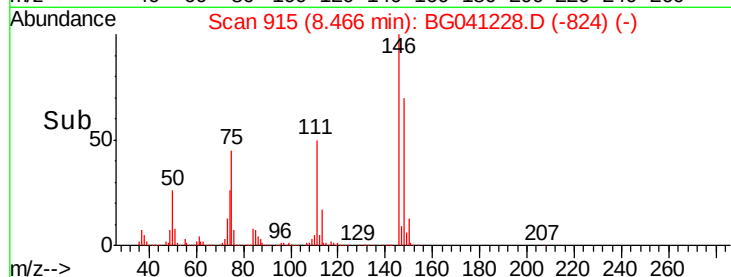
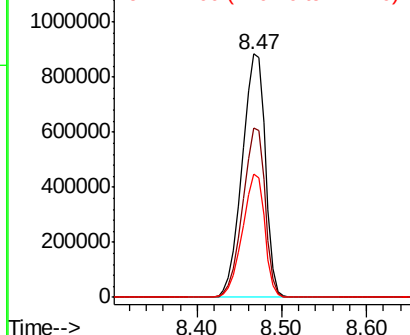


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#17
 2-Methylphenol
 Concen: 58.687 ng
 RT: 8.54 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.2	87.7	131.5
77	57.2	46.6	70.0
79	57.3	44.6	66.8

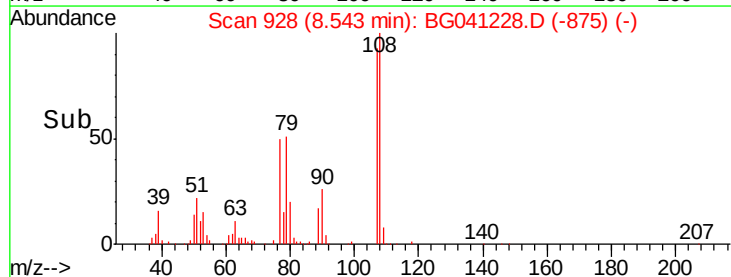
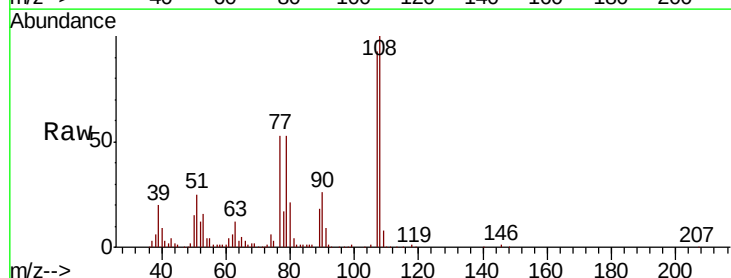
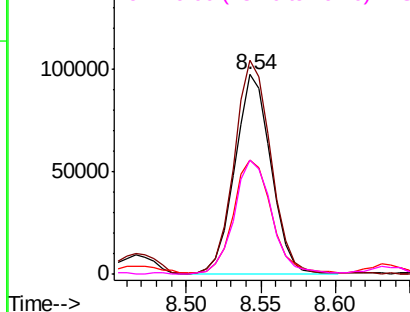
Abundance

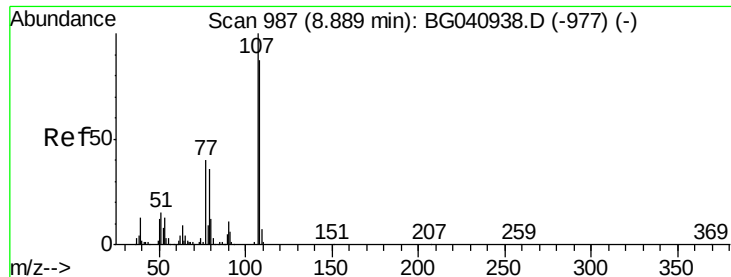
Ion 107.00 (106.70 to 107.70): E

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





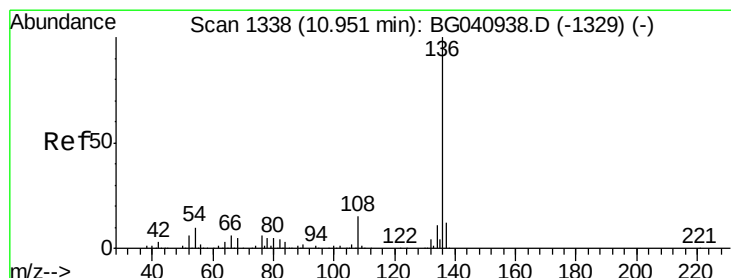
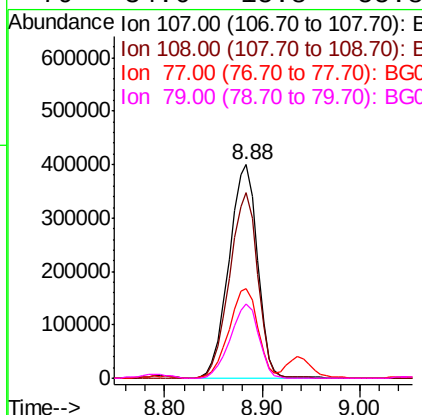
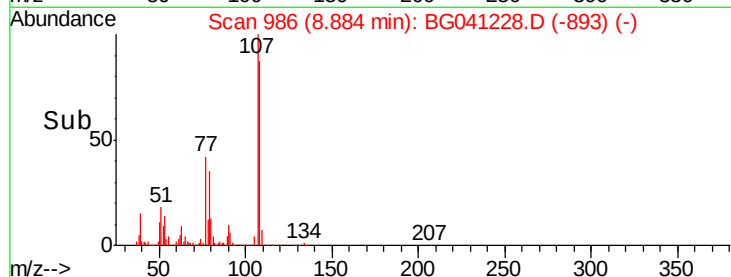
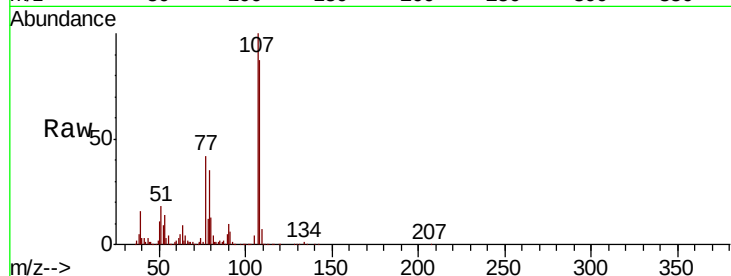
#20
3+4-Methylphenols
Concen: 209.024 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.8	106.8
77	41.8	20.5	60.5
79	34.6	15.8	55.8

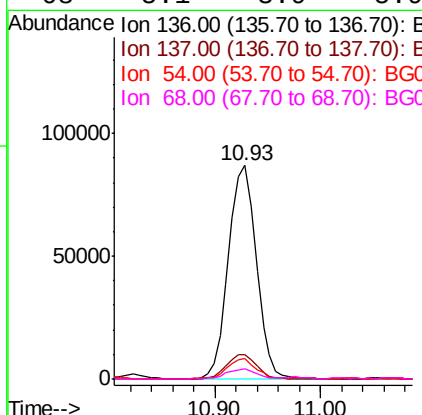
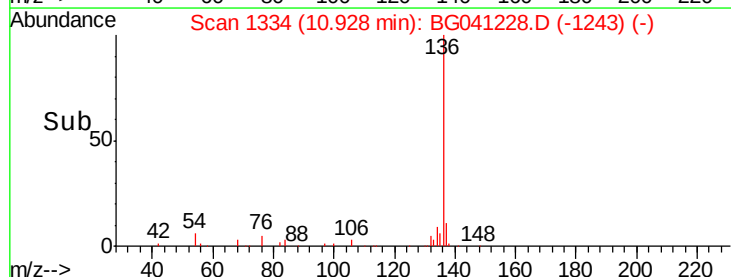
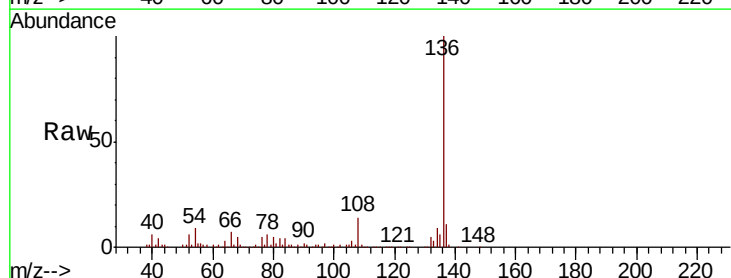
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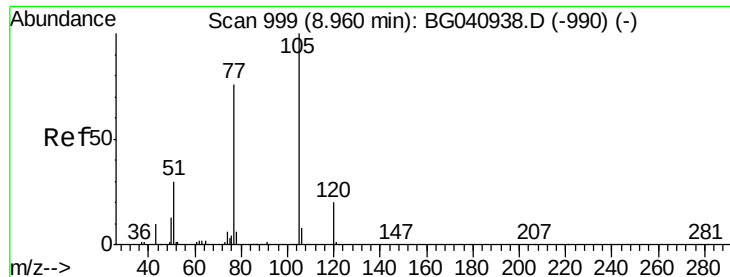
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	9.5	7.6	11.4
68	5.1	3.9	5.9





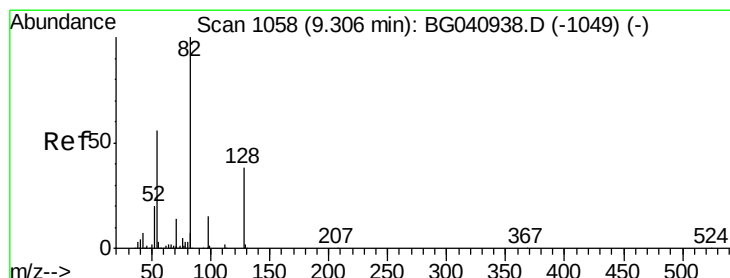
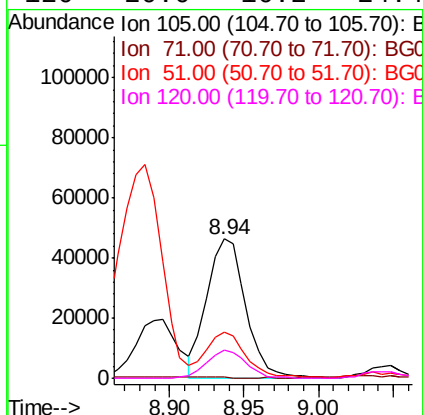
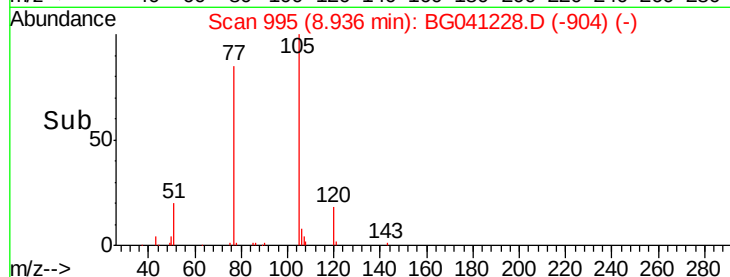
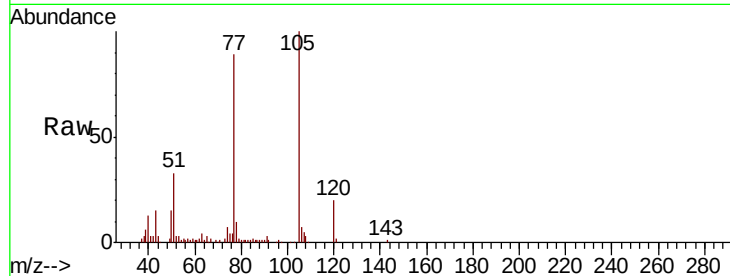
#22
Acetophenone
Concen: 18.804 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	84435		
71	71	0.5	0.4	0.6	
51	51	32.8	27.0	40.6	
120	120	20.0	16.2	24.4	

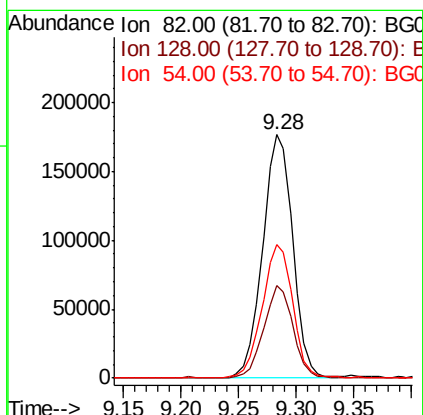
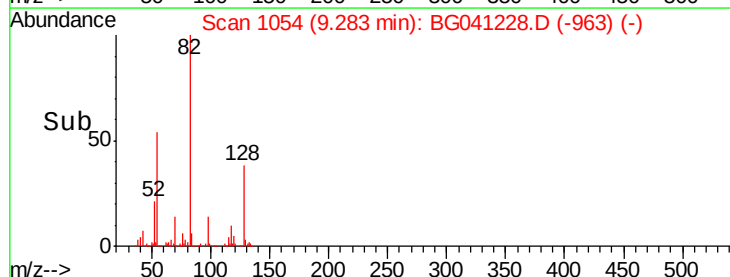
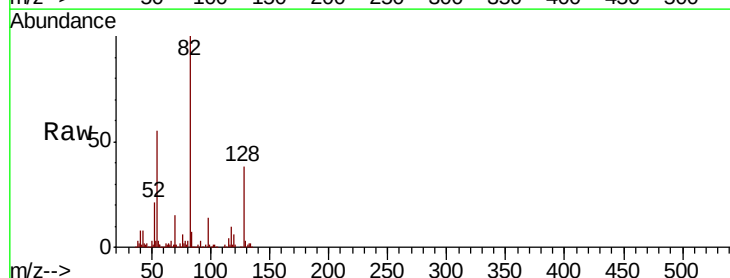
Manual Integrations
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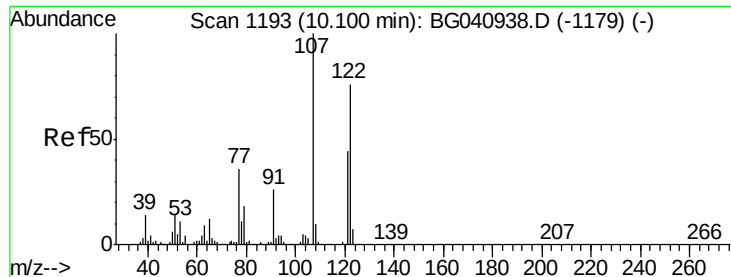
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#23
Nitrobenzene-d5
Concen: 88.835 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	320321		
128	128	38.0	30.5	45.7	
54	54	54.6	44.6	66.8	





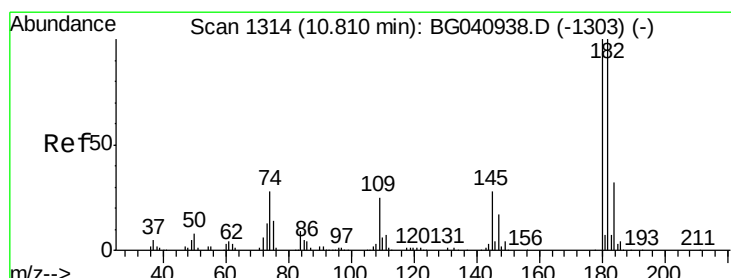
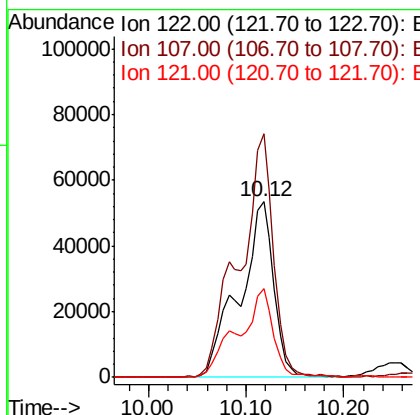
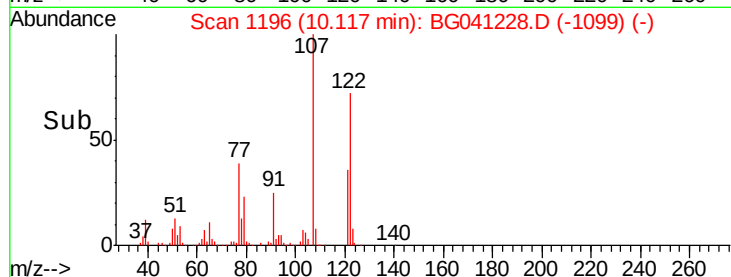
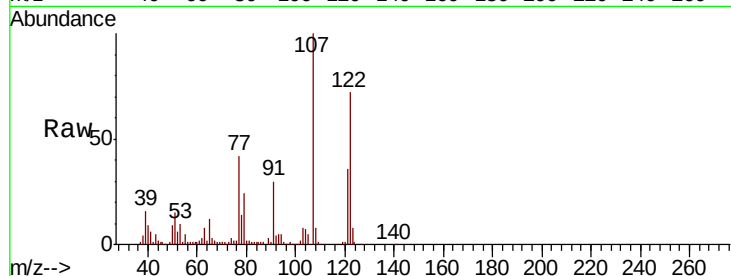
#27
2,4-Dimethylphenol
Concen: 52.681 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.04 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
122	100		
107	139.0	105.9	158.9
121	50.3	46.2	69.4

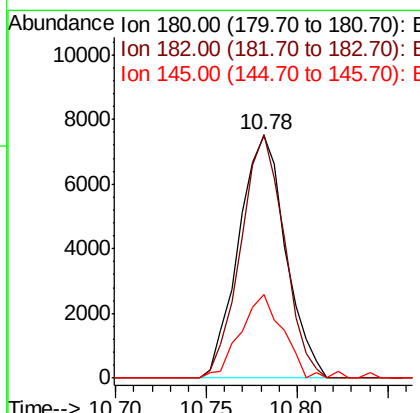
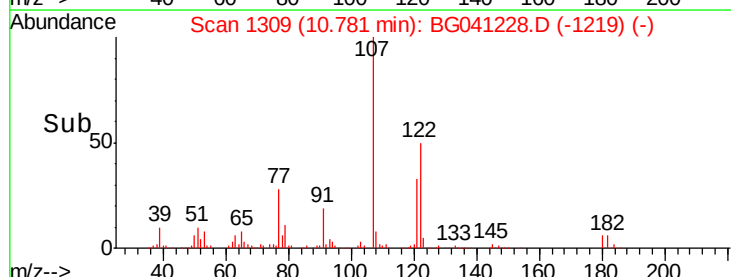
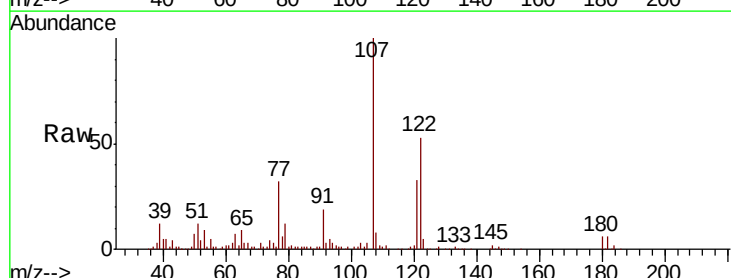
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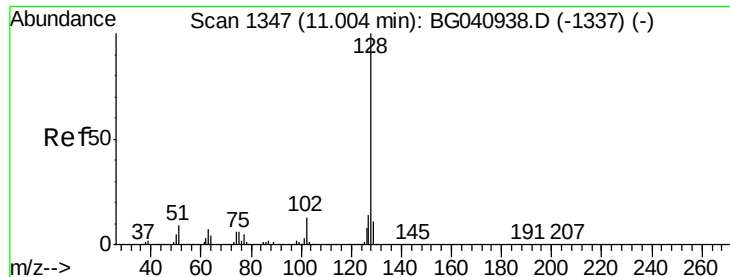
mohammad
6/17/2019 4:53:53 PM



#30
1,2,4-Trichlorobenzene
Concen: 3.748 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	79.7	119.5
145	34.5	22.6	34.0





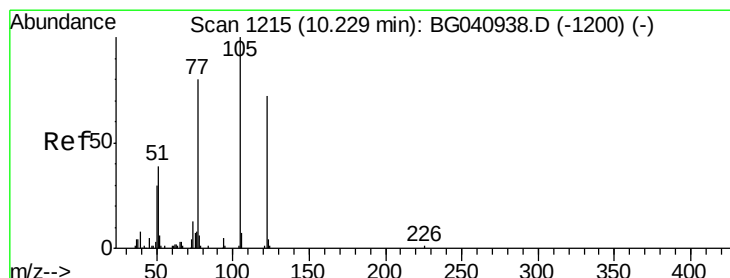
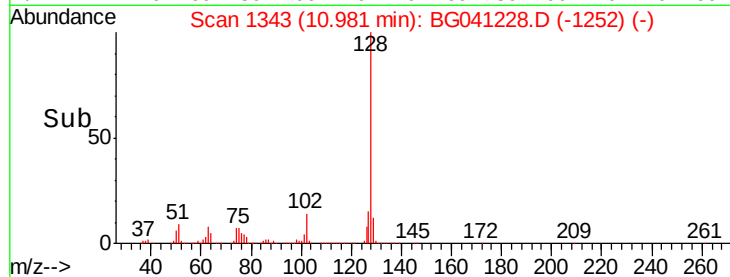
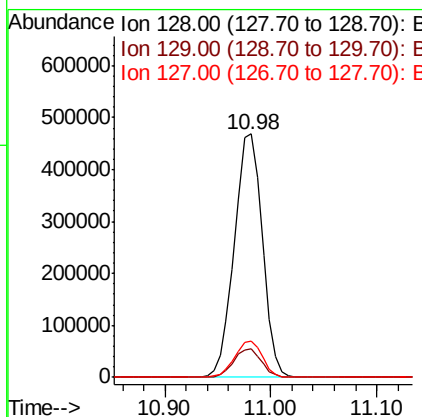
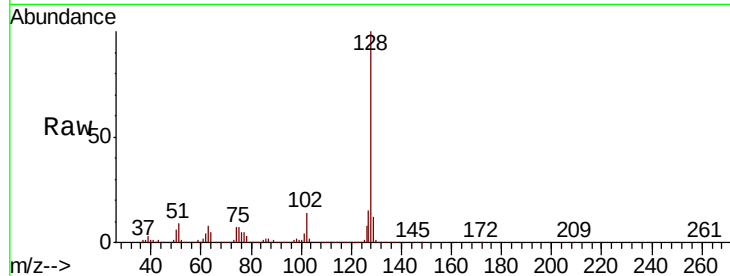
#31
Naphthalene
Concen: 100.237 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.5	12.7
127	14.9	11.4	17.2

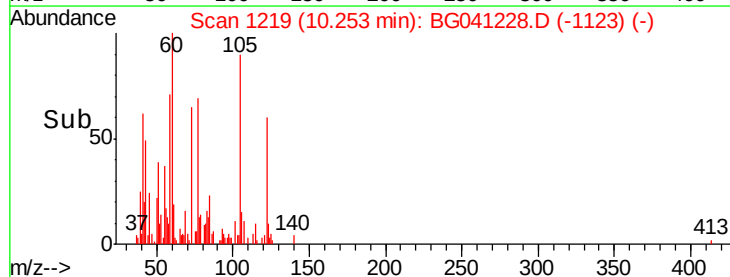
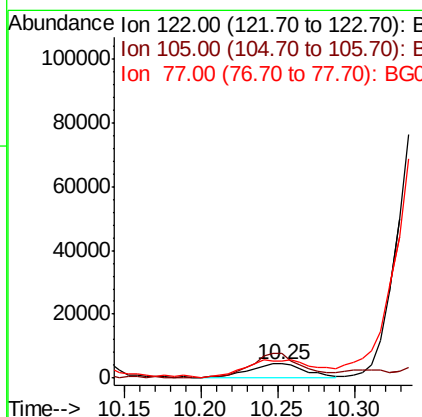
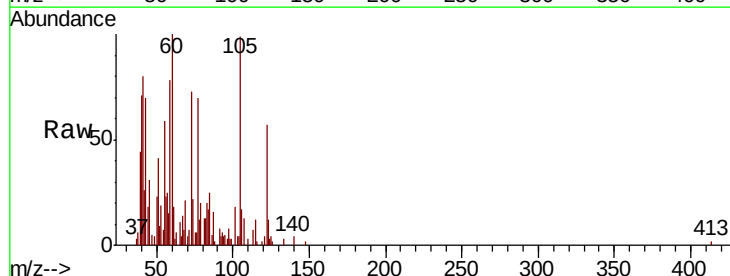
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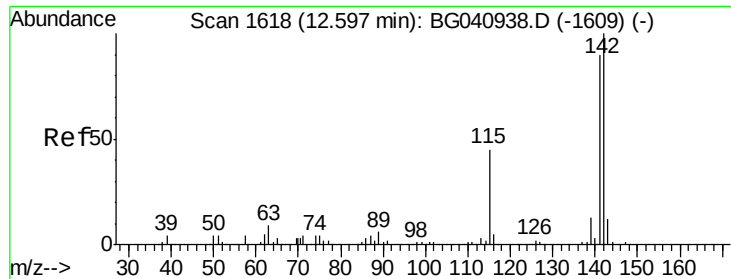
mohammad
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#32
Benzoic acid
Concen: 13.159 ng m
RT: 10.25 min Scan# 1219
Delta R.T. 0.03 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	172.6	114.8	154.8#
77	122.2	89.9	129.9





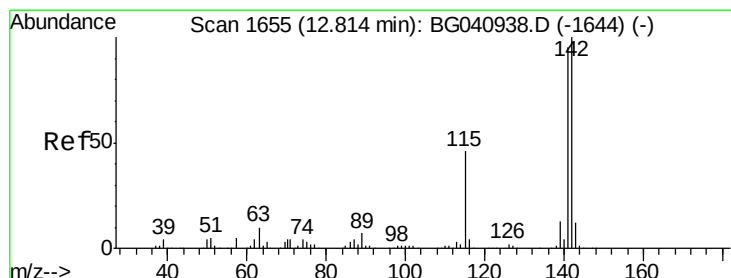
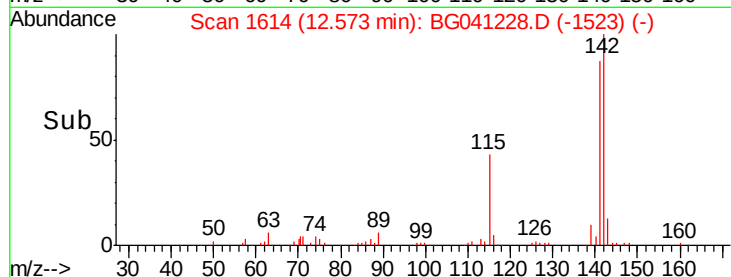
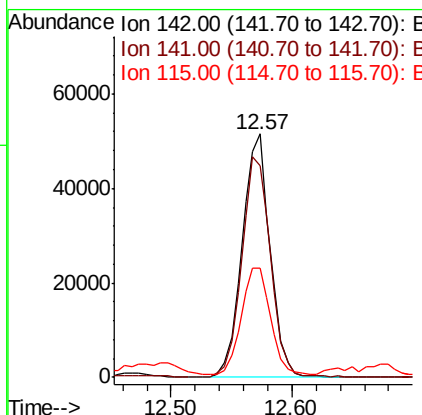
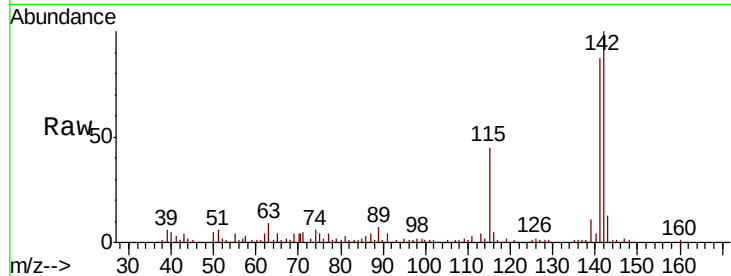
#37
2-Methylnaphthalene
Concen: 12.529 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.2	108.4
115	44.9	36.2	54.4

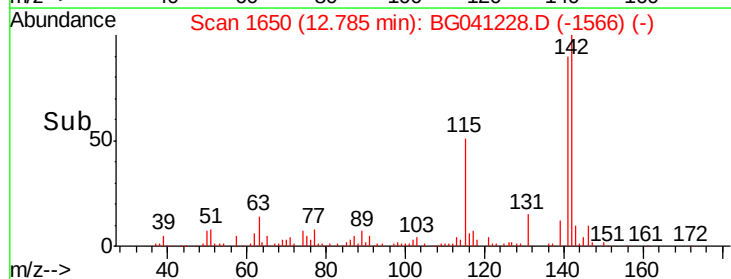
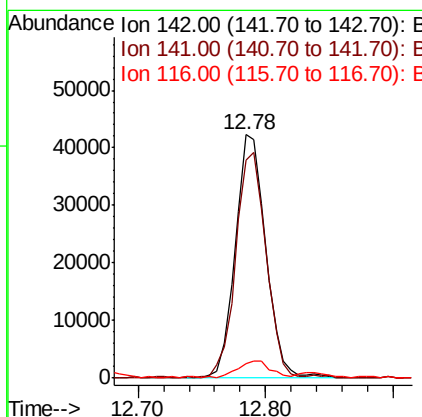
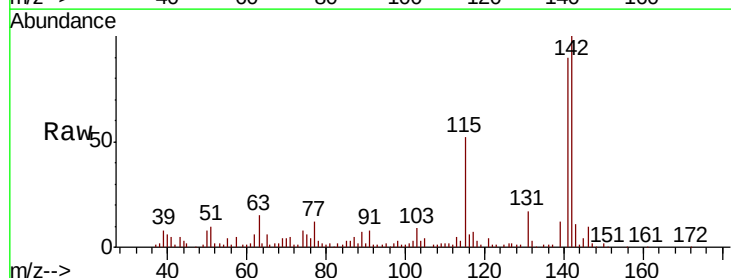
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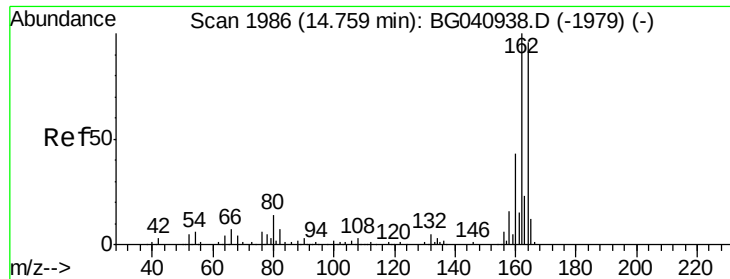
mohammad
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#38
1-Methylnaphthalene
Concen: 11.248 ng m
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	75.7	113.5
116	5.8	3.4	5.2#





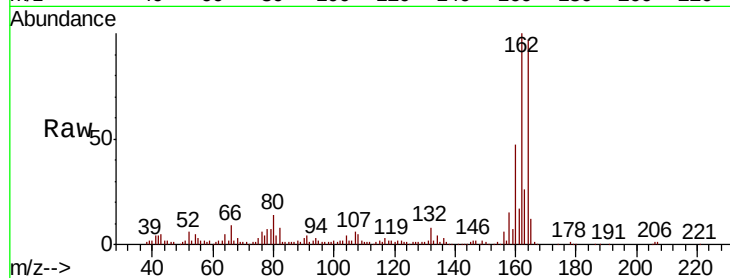
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	48.0	35.6	53.4

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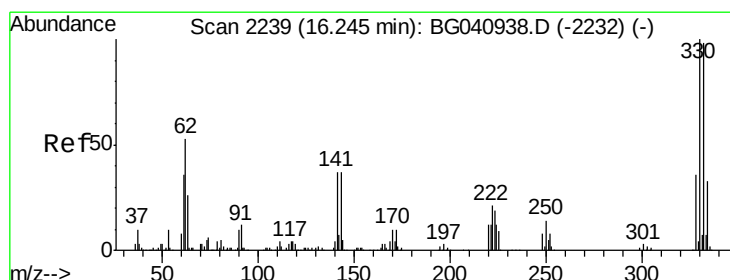
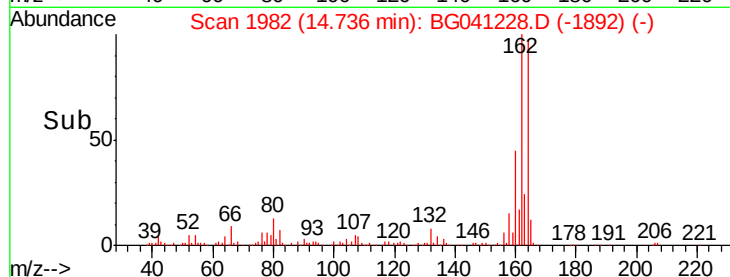
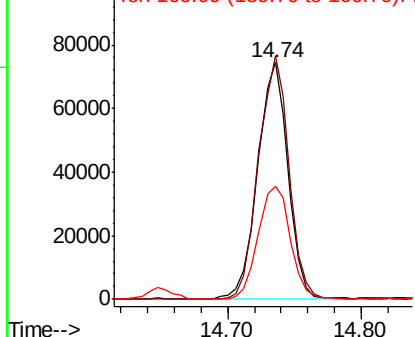


Abundance

Ion 164.00 (163.70 to 164.70): E

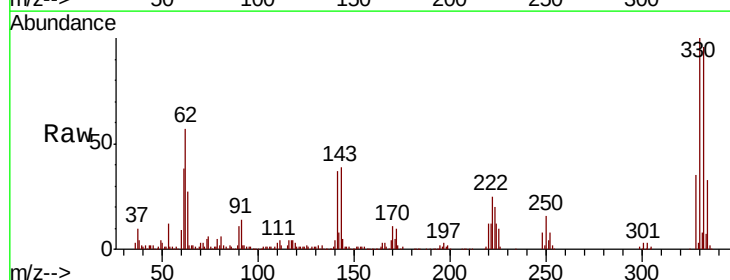
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 119.377 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.5	117.7
141	36.7	28.7	43.1

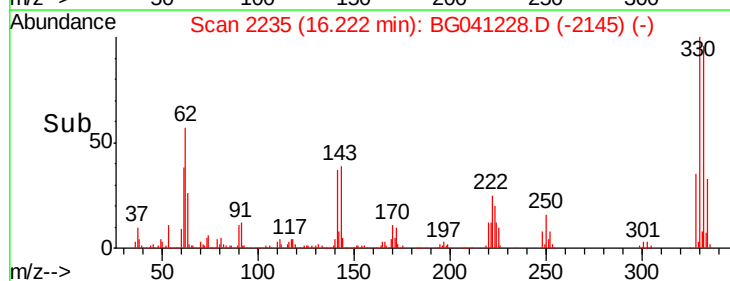
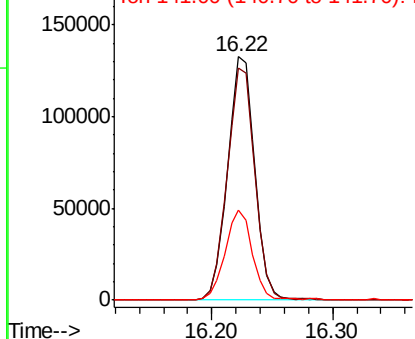


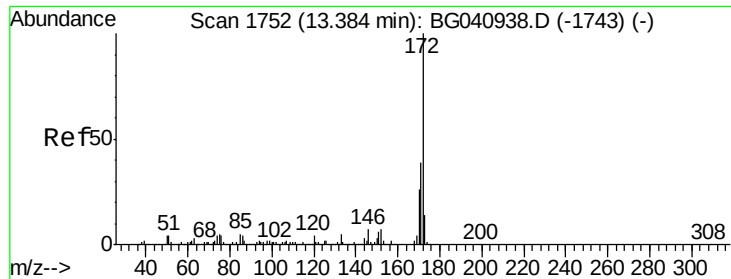
Abundance

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





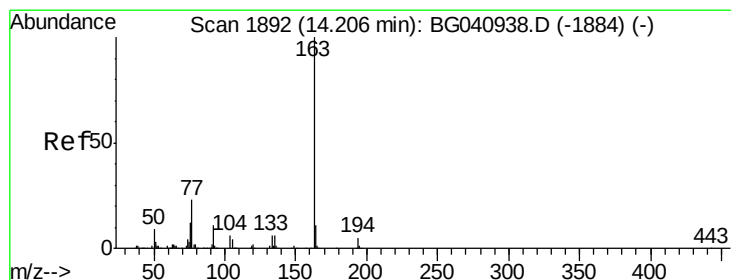
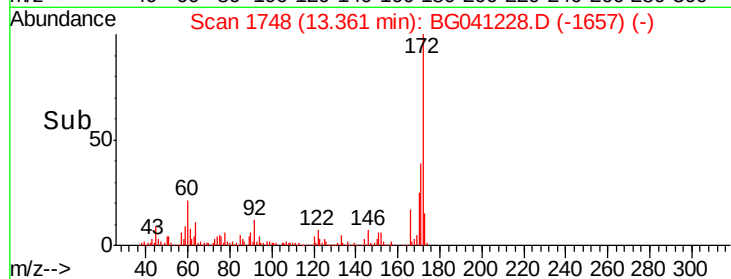
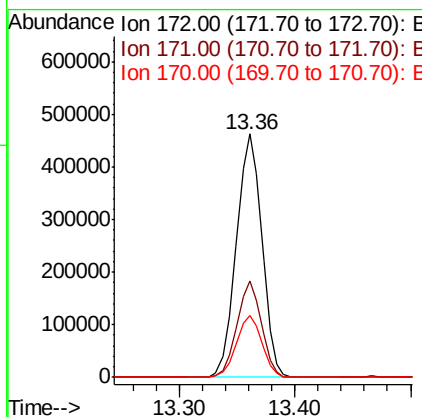
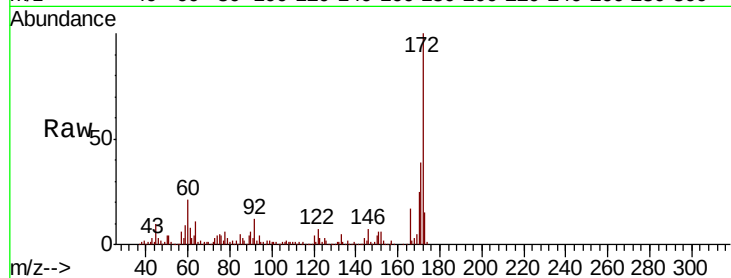
#45
2-Fluorobiphenyl
Concen: 87.171 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion:	172	Resp:	707953
Ion Ratio	Lower	Upper	
172	100		
171	39.5	31.1	46.7
170	25.4	20.5	30.7

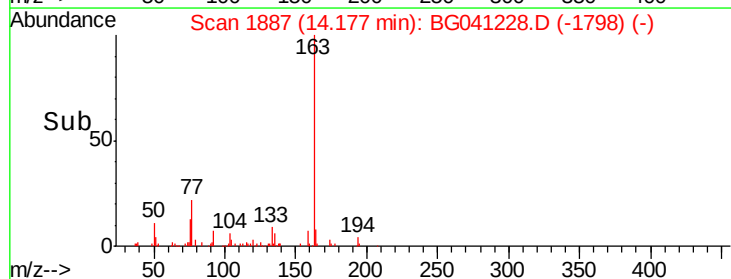
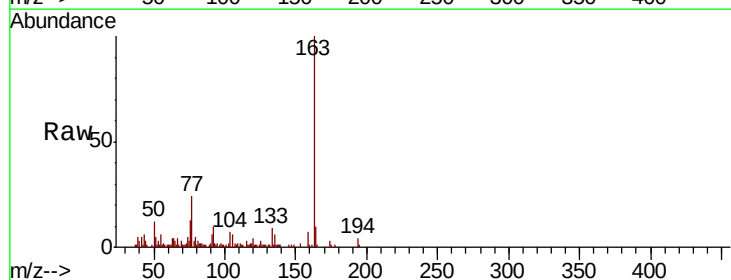
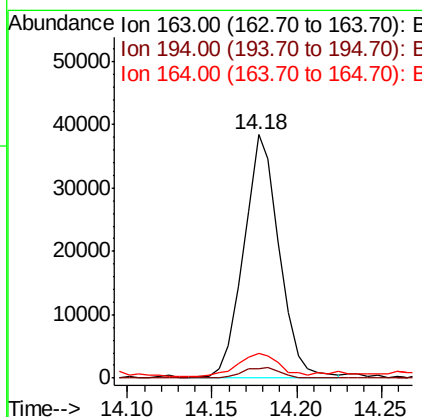
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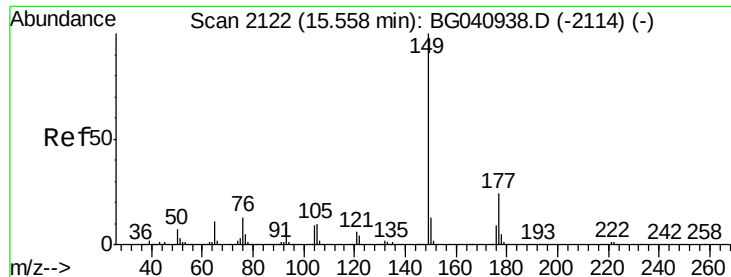
mohammad
6/17/2019 4:53:53 PM



#50
Dimethylphthalate
Concen: 5.689 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion:	163	Resp:	56319
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.8	5.8
164	10.2	8.7	13.1





#60

Diethylphthalate

Concen: 4.410 ng

RT: 15.53 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Instrument :

BNA_G

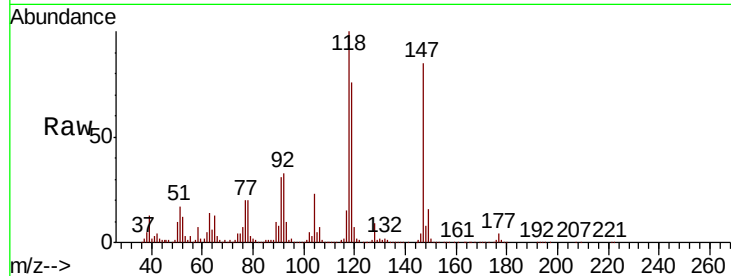
ClientSampleId :

LF001MW001-190610

Tot Ion:	149	Resp:	44555
Ion Ratio	Lower	Upper	
149	100		
177	23.2	19.4	29.0
150	13.4	10.3	15.5

Manual Integrations
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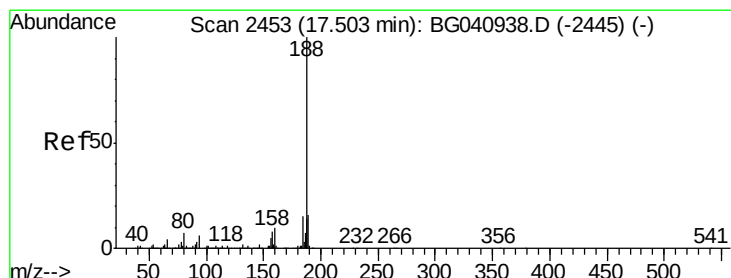
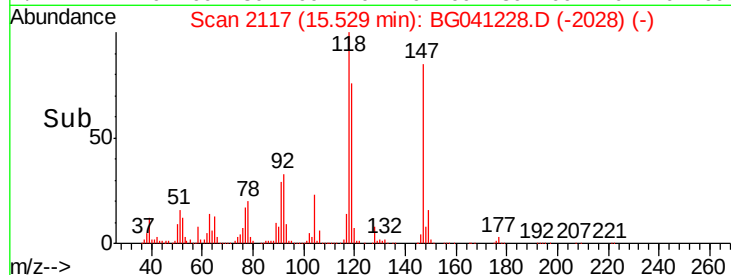
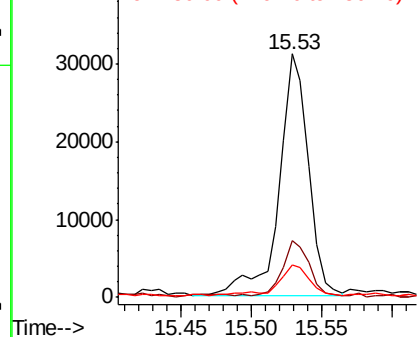


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

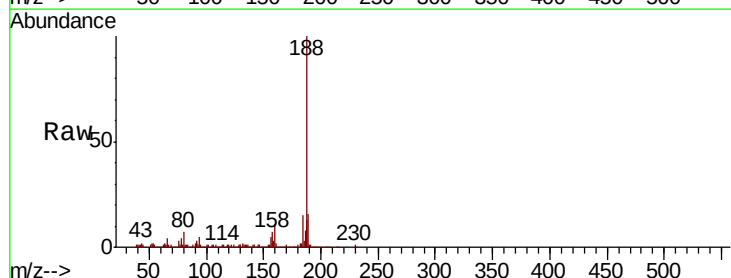
RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG041228.D

Acq: 13 Jun 2019 18:15

Tgt Ion:	188	Resp:	282824
Ion Ratio	Lower	Upper	
188	100		
94	5.2	4.7	7.1
80	7.3	5.8	8.8

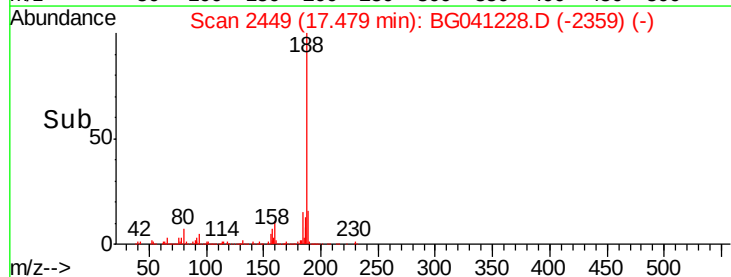
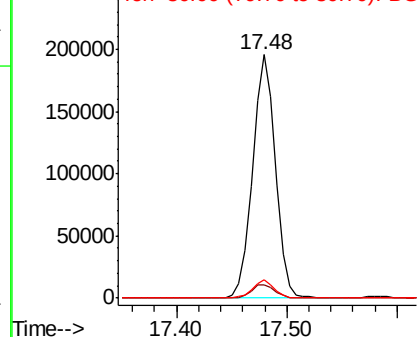


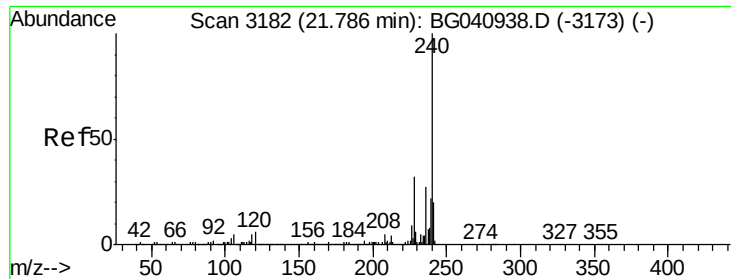
Abundance

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





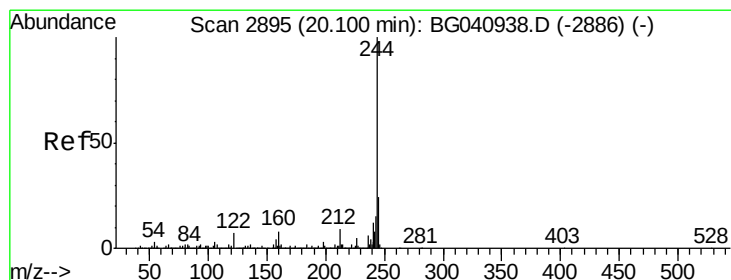
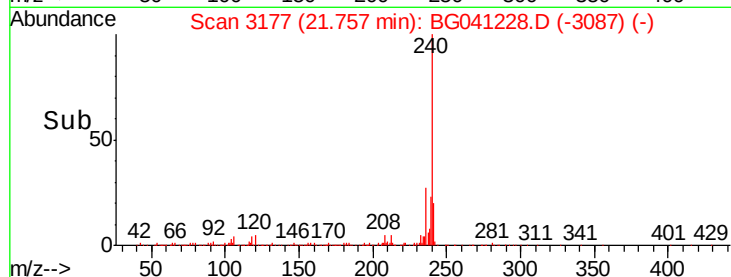
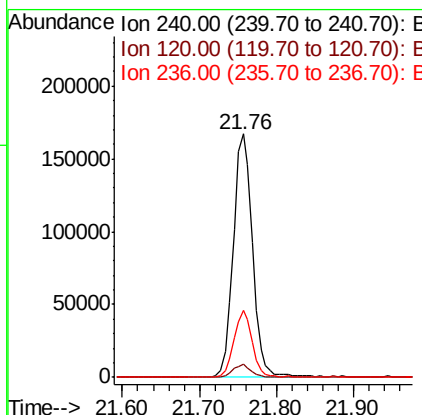
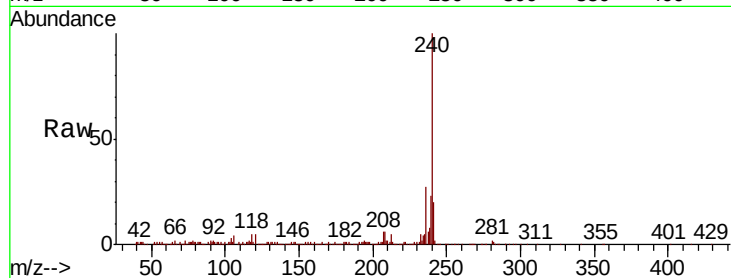
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Instrument :
BNA_G
ClientSampleId :
LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	27.5	21.3	31.9

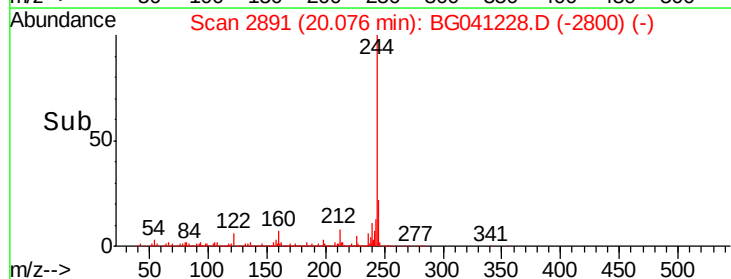
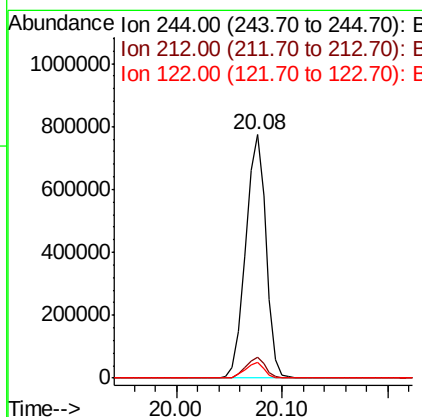
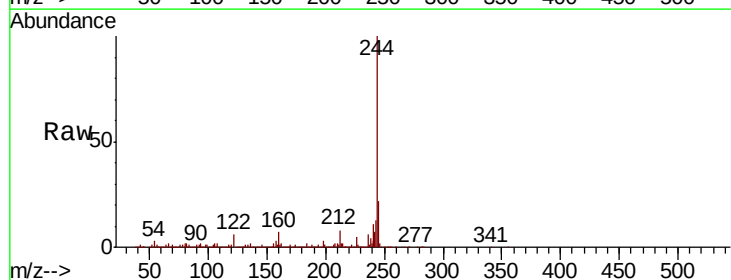
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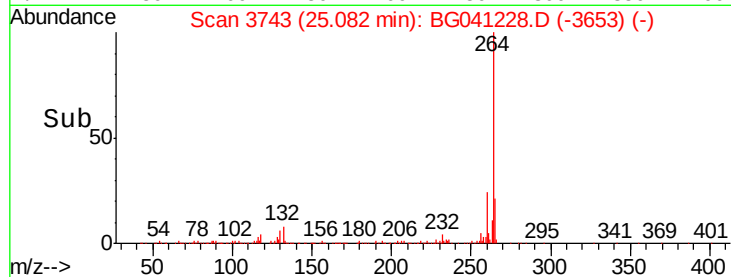
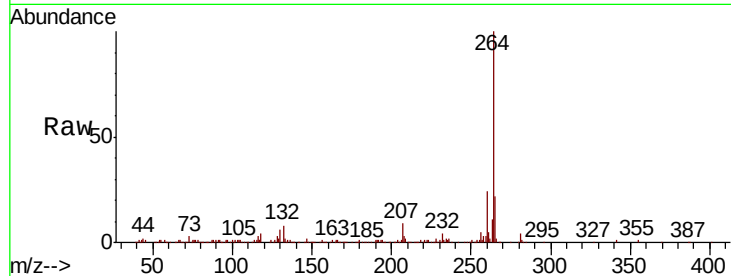
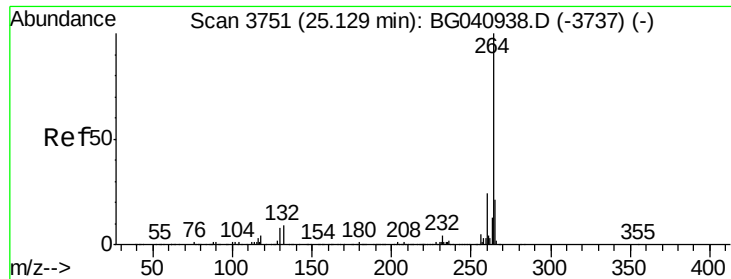
mohammad
6/17/2019 4:53:53 PM



#79
Terphenyl-d14
Concen: 74.913 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041228.D
Acq: 13 Jun 2019 18:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	6.2	5.4	8.0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BG041228.D
 Acq: 13 Jun 2019 18:15

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW001-190610

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.7	17.0	25.4

Manual Integrations
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 6/17/2019 4:53:53 PM

