

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
 Data File : BG041060.D
 Acq On : 4 Jun 2019 16:19
 Operator : HP/JU
 Sample : PB120267BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Manual Integrations
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mohammad
 6/5/2019 3:40:11 PM

Quant Time: Jun 05 05:34:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37203	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	136689	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	98251	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	261342	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	282892	20.00	ng	-0.02
87) Perylene-d12	25.10	264	306526	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278152	134.82	ng	0.00
7) Phenol-d6	7.26	99	386315	121.24	ng	0.00
23) Nitrobenzene-d5	9.29	82	258180	83.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	212246	145.51	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	585628	85.84	ng	-0.02
79) Terphenyl-d14	20.08	244	1149802	86.26	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	40246	42.988	ng	# 92
3) Pyridine	3.92	79	106051	38.282	ng	96
4) n-Nitrosodimethylamine	3.84	42	55692	43.317	ng	# 96
6) Aniline	7.44	93	102188	24.027	ng	97
8) 2-Chlorophenol	7.67	128	104670	42.555	ng	95
9) Benzaldehyde	7.25	77	39786	20.932	ng	86
10) Phenol	7.29	94	139120	40.721	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	94407	38.092	ng	97
12) 1,3-Dichlorobenzene	8.00	146	119013	40.512	ng	98
13) 1,4-Dichlorobenzene	8.15	146	122248	41.111	ng	98
14) 1,2-Dichlorobenzene	8.46	146	113667	39.369	ng	99
15) Benzyl Alcohol	8.35	79	116554	39.544	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	149717	36.968	ng	99
17) 2-Methylphenol	8.55	107	96924	39.183	ng	98
18) Hexachloroethane	9.20	117	45647	39.828	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	91303	37.235	ng	96
20) 3+4-Methylphenols	8.88	107	134998	39.399	ng	99
22) Acetophenone	8.94	105	170411	44.443	ng	# 98
24) Nitrobenzene	9.33	77	141924	45.231	ng	100
25) Isophorone	9.84	82	257164	43.888	ng	99
26) 2-Nitrophenol	10.04	139	62720	48.486	ng	95
27) 2,4-Dimethylphenol	10.09	122	106223	49.721	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	132524	41.904	ng	97
29) 2,4-Dichlorophenol	10.57	162	124758	45.986	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	127814	41.414	ng	97
31) Naphthalene	10.98	128	322611	43.959	ng	99
32) Benzoic acid	10.20	122	53581m	34.921	ng	
33) 4-Chloroaniline	11.10	127	84303	24.757	ng	96
34) Hexachlorobutadiene	11.24	225	94327	39.945	ng	96
35) Caprolactam	11.88	113	40938m	45.696	ng	
36) 4-Chloro-3-methylphenol	12.20	107	140426	45.323	ng	97
37) 2-Methylnaphthalene	12.58	142	237728	42.058	ng	98
38) 1-Methylnaphthalene	12.80	142	226231m	42.474	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	170508	43.057	ng	99

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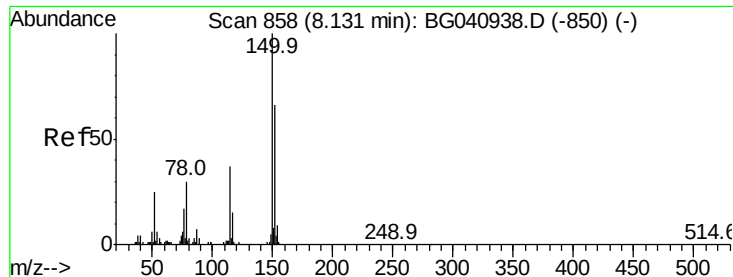
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	222297	101.913	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	118696	46.333	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	127778	47.294	nq	98
46) 1,1'-Biphenyl	13.58	154	326145	44.845	nq	100
47) 2-Chloronaphthalene	13.63	162	265582	42.537	nq	99
48) 2-Nitroaniline	13.83	65	102628	45.819	nq	95
49) Acenaphthylene	14.47	152	425591	45.291	nq	98
50) Dimethylphthalate	14.19	163	368741	44.336	nq	98
51) 2,6-Dinitrotoluene	14.32	165	81482	45.439	nq	97
52) Acenaphthene	14.81	154	243425	42.762	nq	94
53) 3-Nitroaniline	14.66	138	52220	29.122	nq	93
54) 2,4-Dinitrophenol	14.86	184	89076	90.291	nq	95
55) Dibenzofuran	15.14	168	428530	44.738	nq	98
56) 4-Nitrophenol	14.95	139	136299	110.818	nq	93
57) 2,4-Dinitrotoluene	15.10	165	118496	46.780	nq	# 96
58) Fluorene	15.78	166	341167	44.724	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	131489	49.522	nq	99
60) Diethylphthalate	15.54	149	378451	44.588	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	212530	42.864	nq	96
62) 4-Nitroaniline	15.82	138	87685	46.190	nq	96
63) Azobenzene	16.07	77	344610	44.671	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72521	51.108	nq	99
66) n-Nitrosodiphenylamine	15.99	169	315273	42.914	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	139873	39.659	nq	94
68) Hexachlorobenzene	16.78	284	148454	39.529	nq	98
69) Atrazine	16.93	200	136454	48.136	nq	97
70) Pentachlorophenol	17.13	266	179407	88.686	nq	96
71) Phenanthrene	17.53	178	596971	43.853	nq	99
72) Anthracene	17.62	178	619544	46.145	nq	99
73) Carbazole	17.89	167	553571	48.053	nq	98
74) Di-n-butylphthalate	18.42	149	639397	44.657	nq	99
75) Fluoranthene	19.53	202	796855	47.392	nq	99
77) Benzidine	19.72	184	325024	48.163	nq	96
78) Pyrene	19.90	202	799098	43.453	nq	99
80) Butylbenzylphthalate	20.76	149	303112	42.355	nq	98
81) Benzo(a)anthracene	21.75	228	795616	42.250	nq	100
82) 3,3'-Dichlorobenzidine	21.66	252	182358	27.533	nq	97
83) Chrysene	21.82	228	783922	43.502	nq	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	421211	41.810	nq	100
85) Di-n-octyl phthalate	22.86	149	735277	43.823	nq	99
86) Indeno(1,2,3-cd)pyrene	28.93	276	965550	43.740	nq	# 96
88) Benzo(b)fluoranthene	24.03	252	810108	43.573	nq	98
89) Benzo(k)fluoranthene	24.10	252	803840	43.692	nq	99
90) Benzo(a)pyrene	24.94	252	799006	45.045	nq	98
91) Dibenzo(a,h)anthracene	28.99	278	799379	45.102	nq	99
92) Benzo(g,h,i)perylene	30.14	276	805638	46.787	nq	97

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



#1

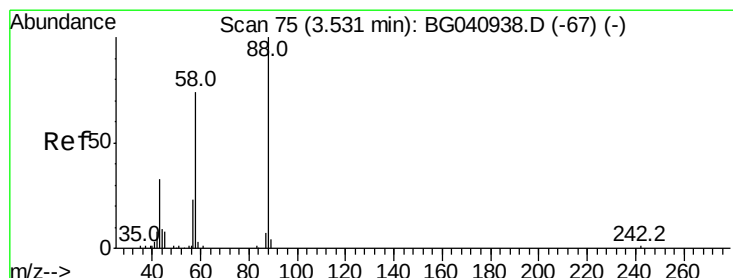
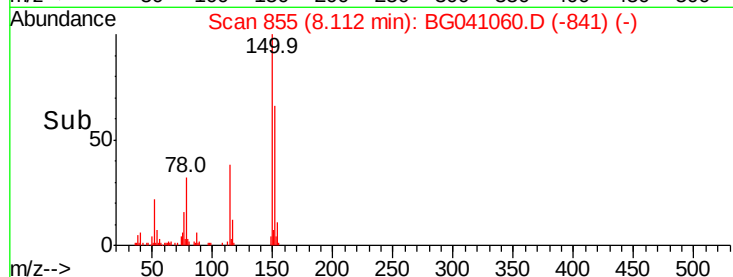
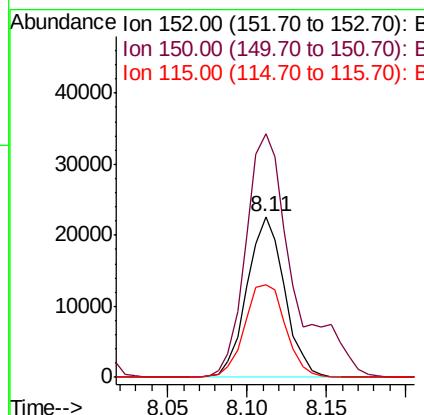
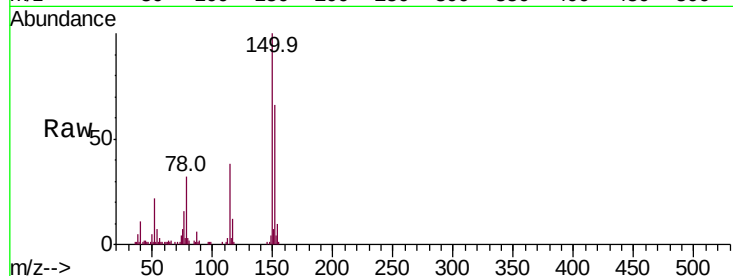
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	120.6	180.8
115	57.4	45.1	67.7

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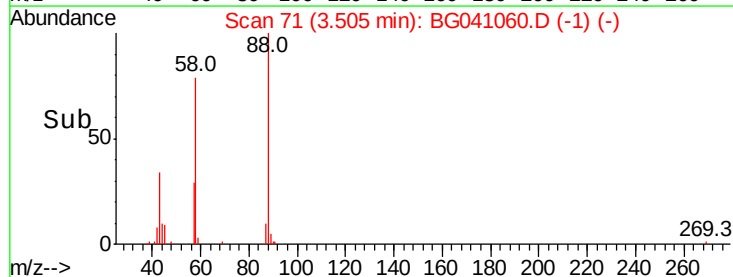
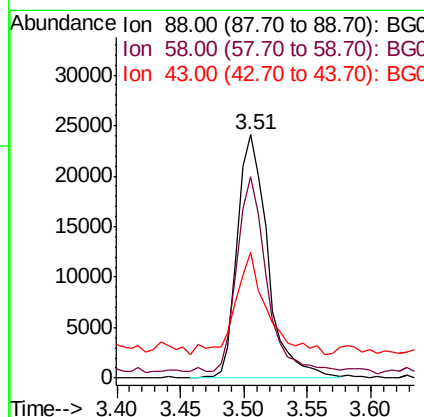
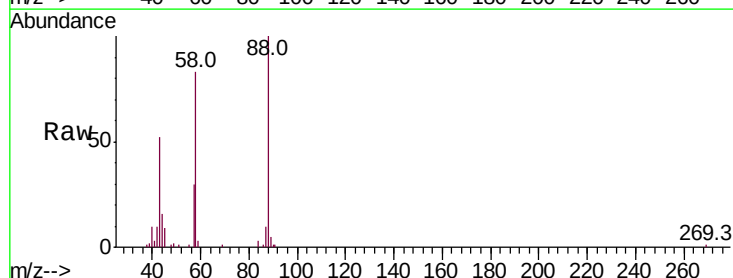
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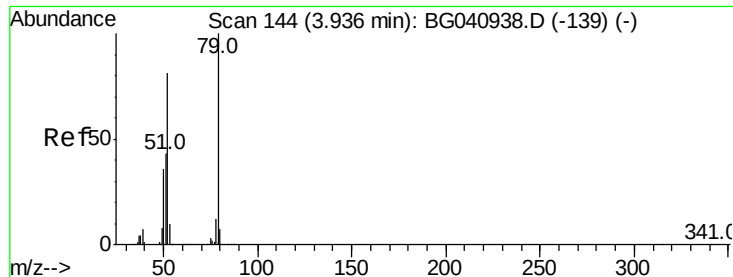


#2

1,4-Dioxane
Concen: 42.988 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	59.0	88.6
43	43.1	27.2	40.8





#3

Pvridine

Concen: 38.282 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

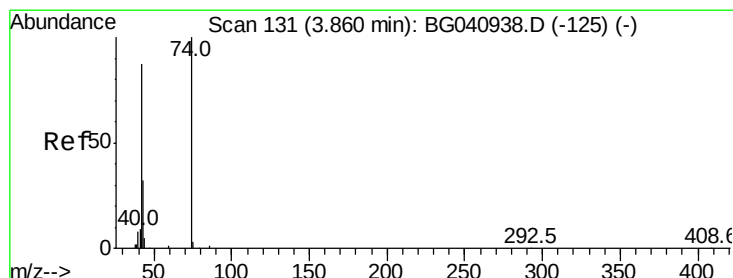
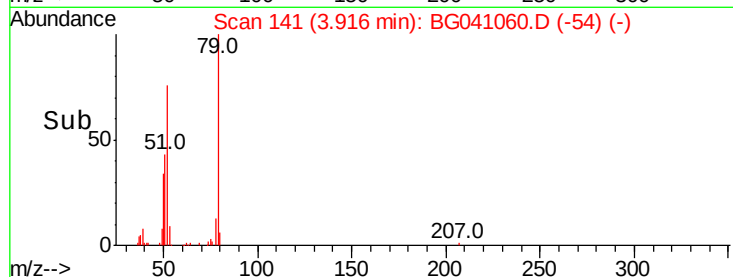
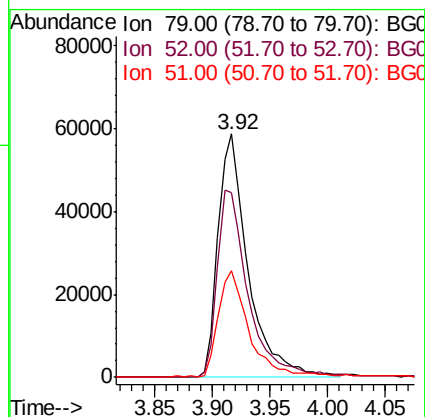
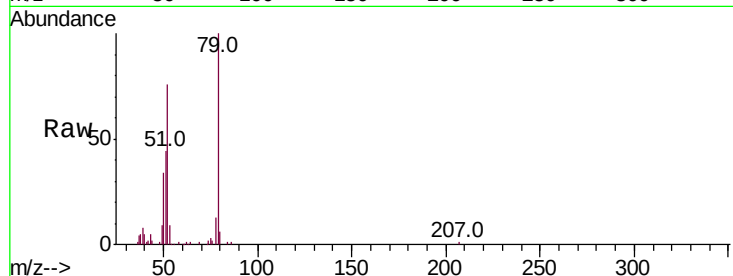
ClientSampleId :

PB120267BS

Tot Ion	79	Resp	106051
Ion Ratio	Lower	Upper	
79	100		
52	75.8	64.8	97.2
51	43.8	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.317 ng

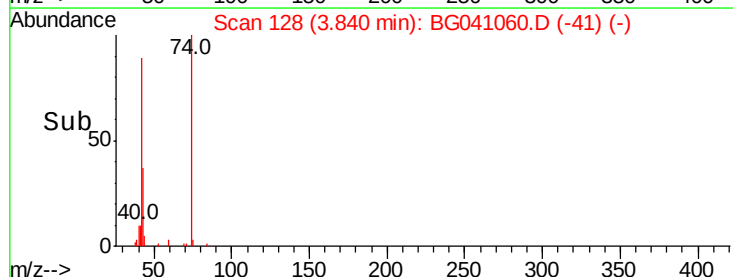
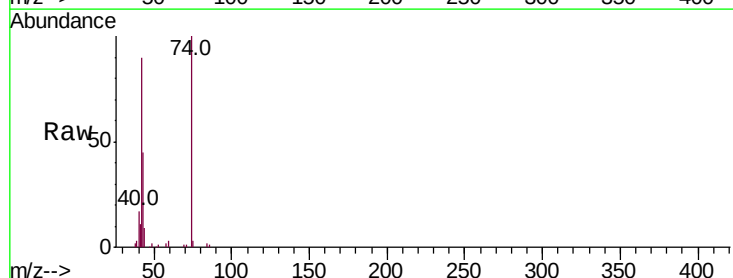
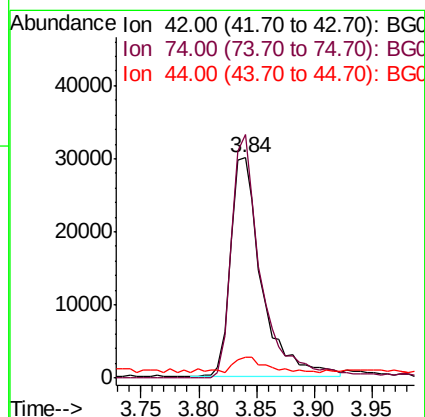
RT: 3.84 min Scan# 128

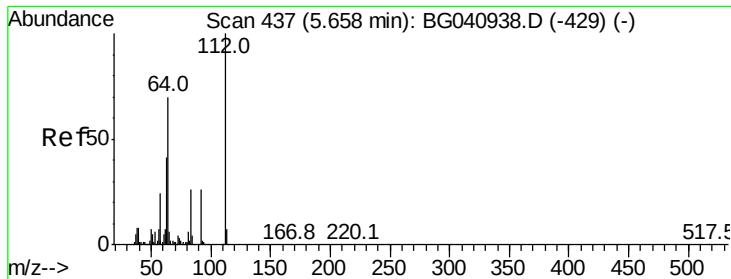
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion	42	Resp	55692
Ion Ratio	Lower	Upper	
42	100		
74	110.6	91.8	137.6
44	9.7	6.0	9.0#





#5

2-Fluorophenol

Concen: 134.819 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

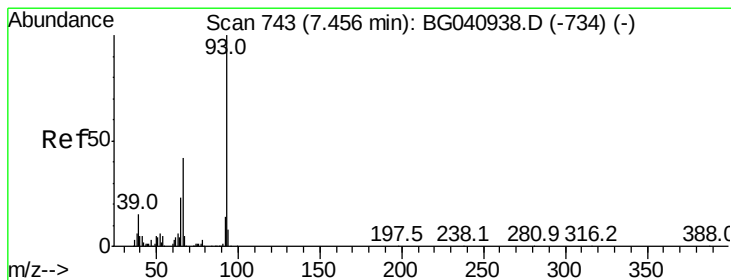
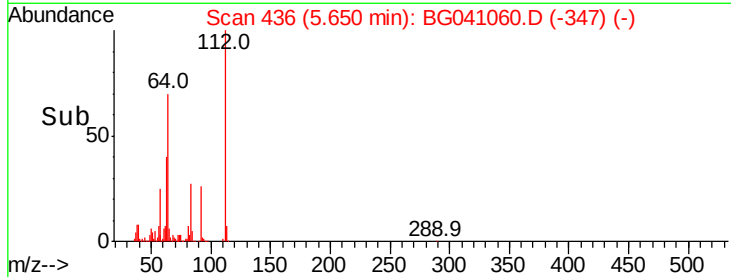
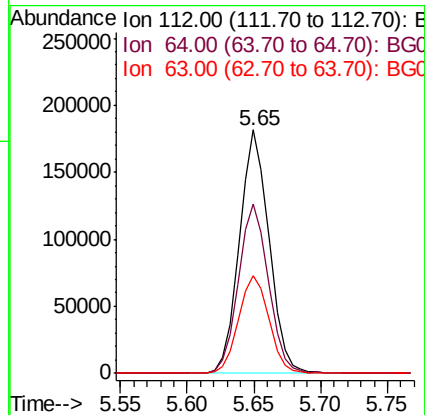
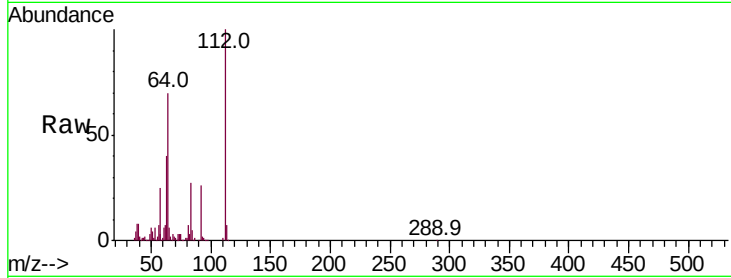
ClientSampleId :

PB120267BS

Tot Ion:	112	Resp:	278152
Ion Ratio	Lower	Upper	
112	100		
64	69.6	56.2	84.2
63	39.9	32.8	49.2

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#6

Aniline

Concen: 24.027 ng

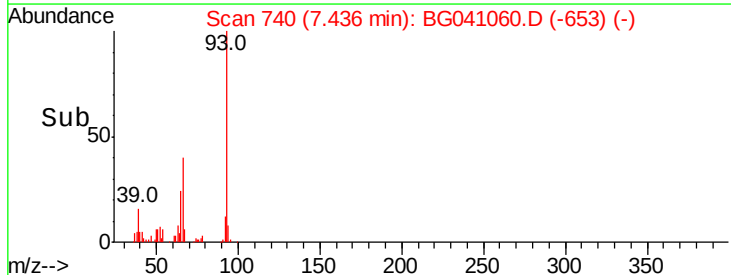
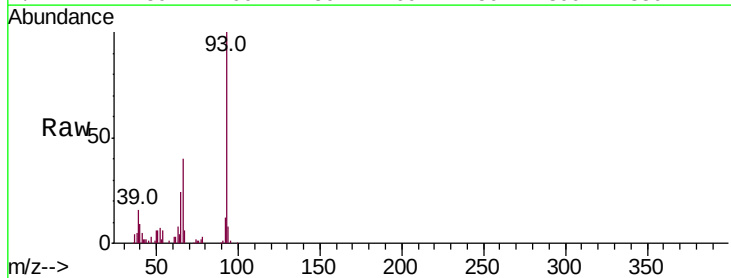
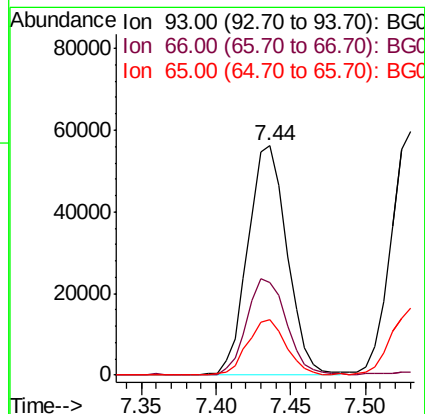
RT: 7.44 min Scan# 740

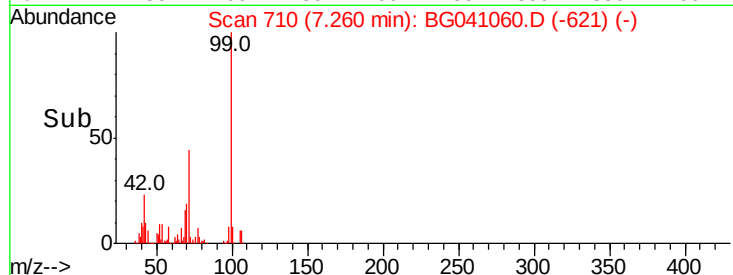
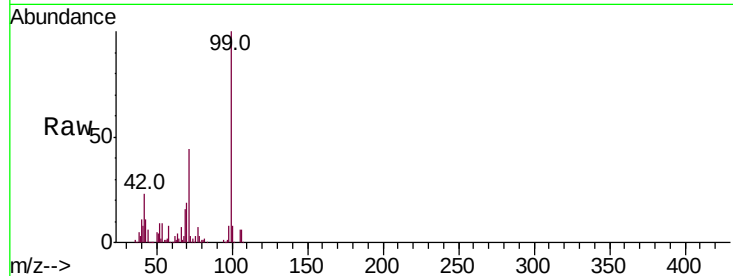
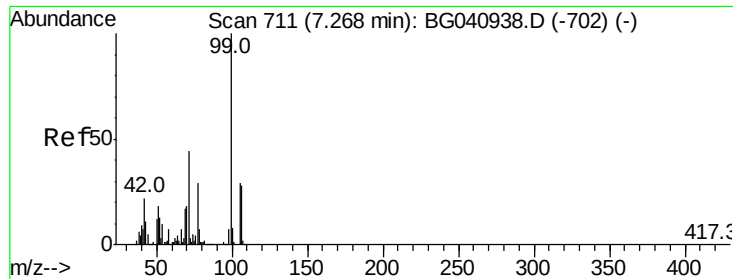
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	93	Resp:	102188
Ion Ratio	Lower	Upper	
93	100		
66	40.4	33.8	50.8
65	24.0	18.3	27.5





#7

Phenol-d6

Concen: 121.242 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		386315		
42	23.1	17.9		26.9	
71	44.4	35.4		53.0	

Instrument :

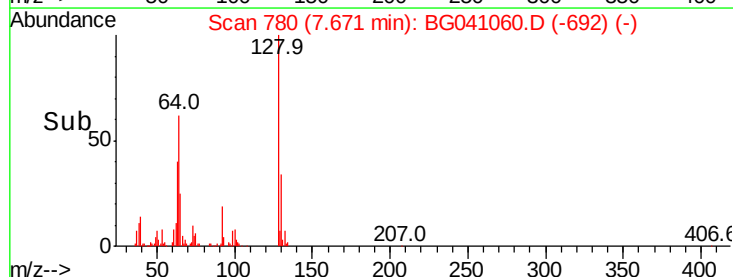
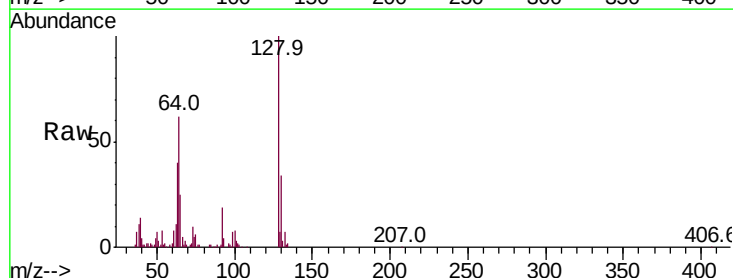
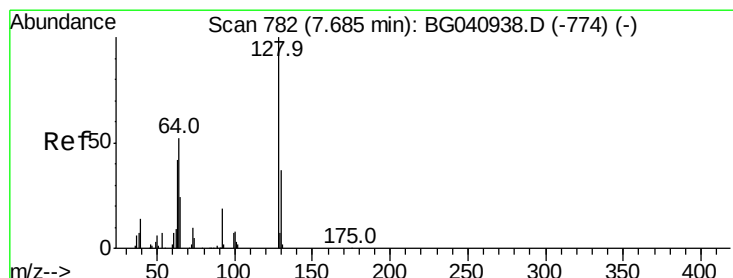
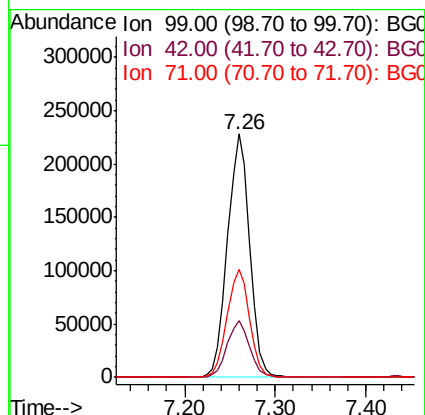
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ClientSampleId :

PB120267BS

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#8

2-Chlorophenol

Concen: 42.555 ng

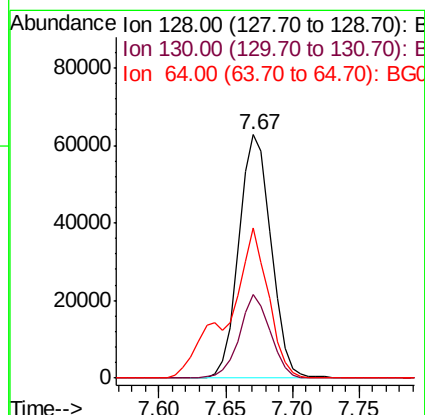
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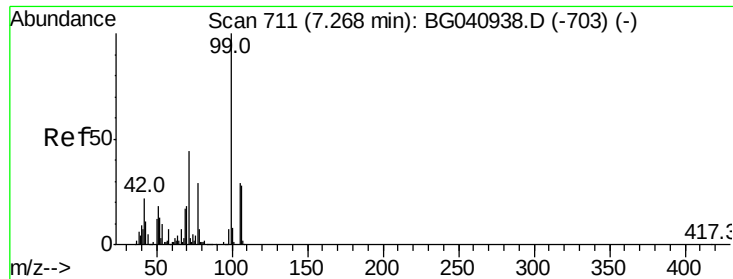
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		104670		
130	34.5	16.6		56.6	
64	61.8	37.8		77.8	





#9

Benzaldehyde

Concen: 20.932 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

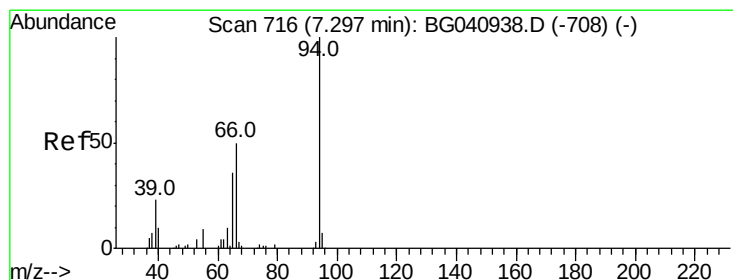
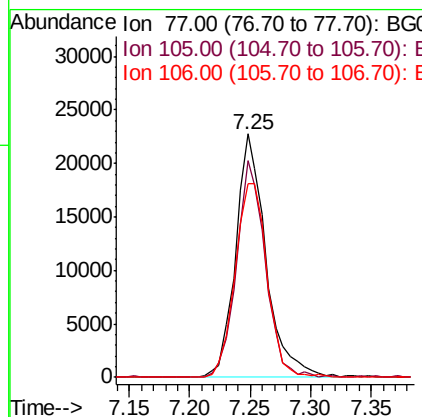
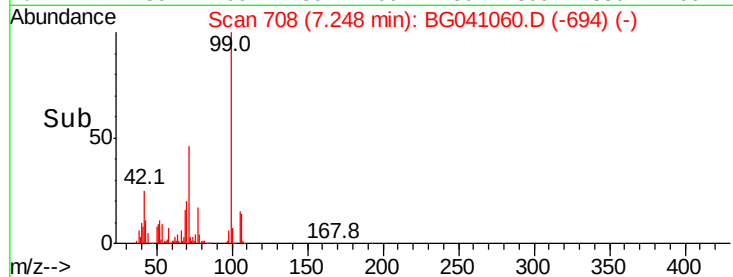
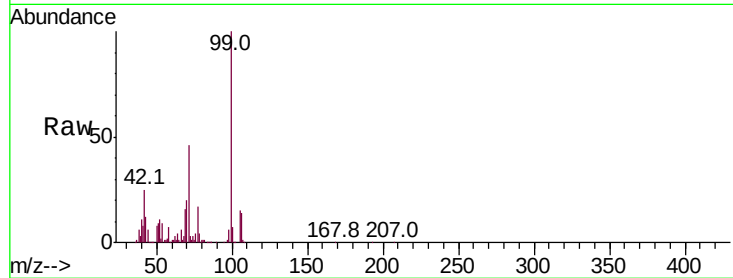
ClientSampleId :

PB120267BS

Tot Ion:	77	Resp:	39786
Ion	Ratio	Lower	Upper
77	100		
105	89.2	78.9	118.9
106	79.7	76.7	116.7

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#10

Phenol

Concen: 40.721 ng

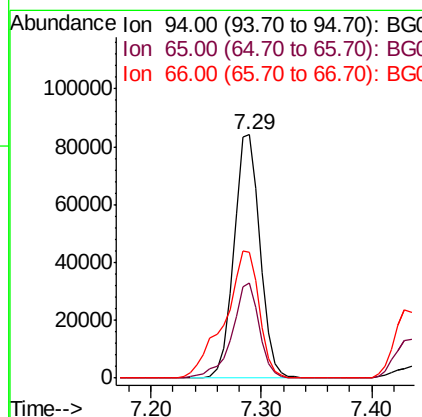
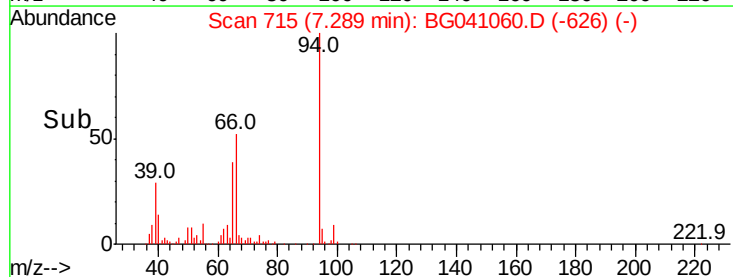
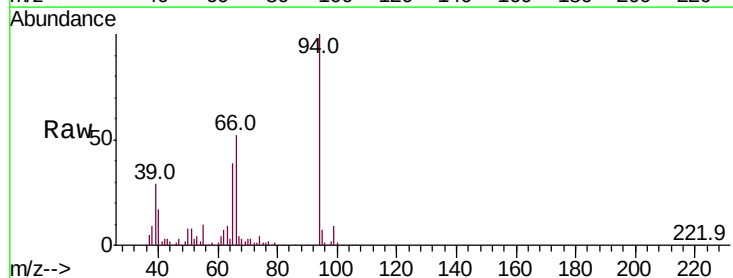
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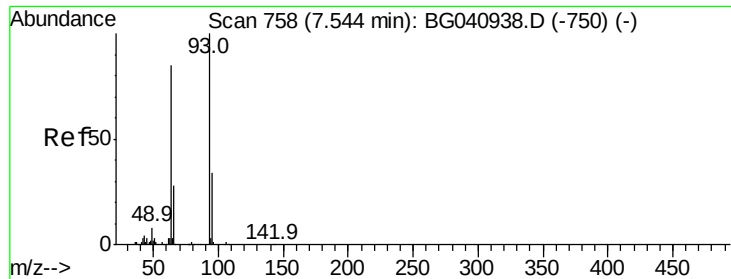
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	94	Resp:	139120
Ion	Ratio	Lower	Upper
94	100		
65	38.9	17.0	57.0
66	51.6	32.4	72.4





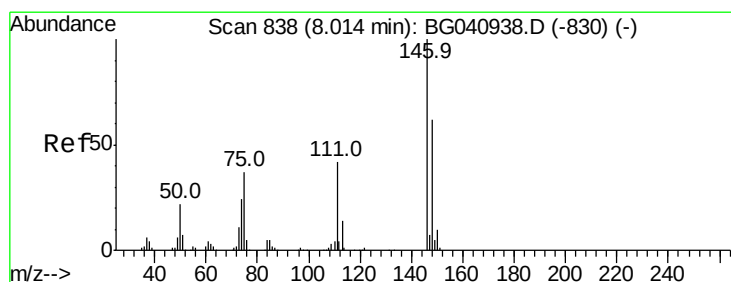
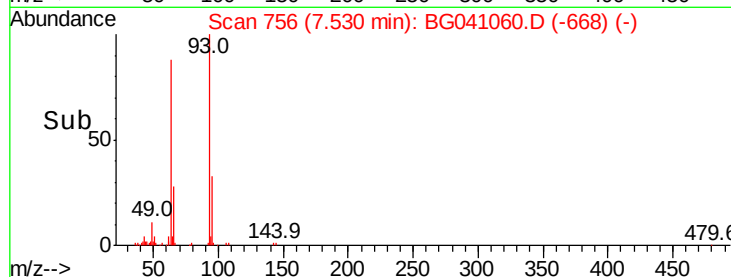
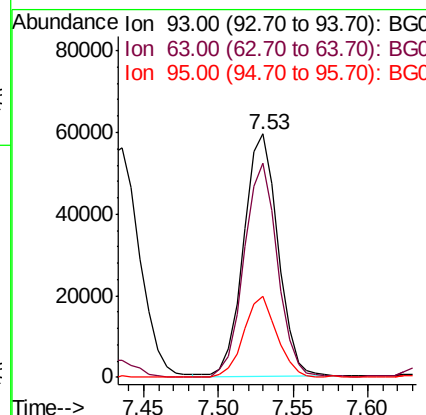
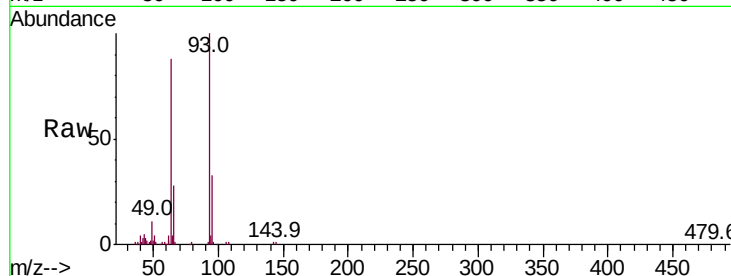
#11
bis(2-Chloroethyl)ether
Concen: 38.092 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	64.5	104.5
95	33.1	13.3	53.3

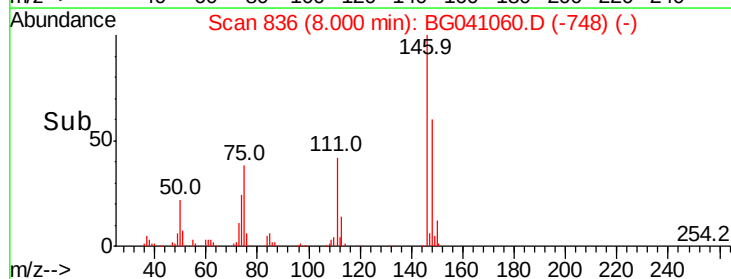
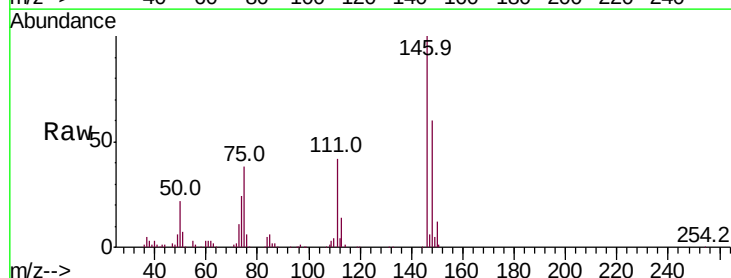
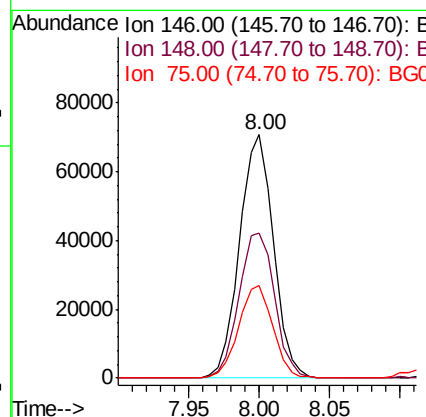
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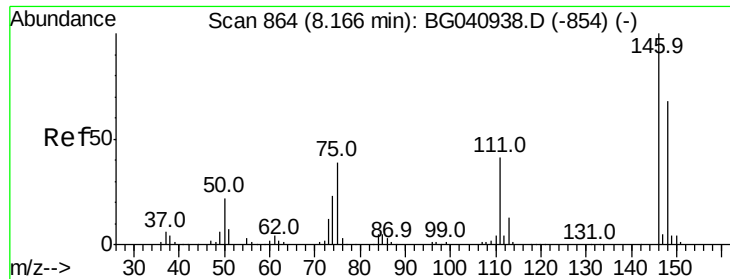
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.512 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	49.2	73.8
75	37.9	29.4	44.0





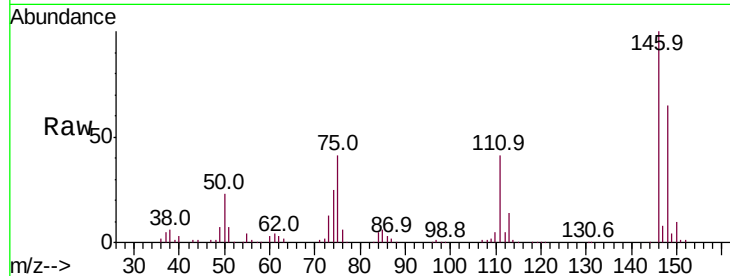
#13
 1,4-Dichlorobenzene
 Concen: 41.111 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.2	81.4
111	40.7	32.9	49.3

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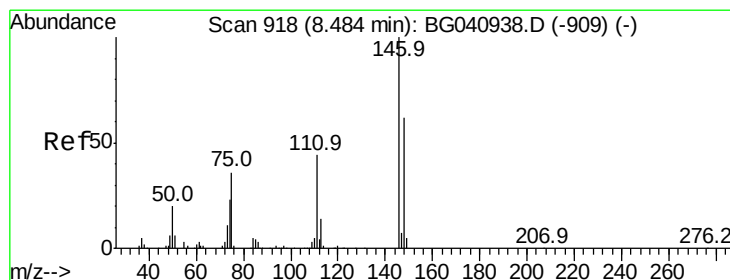
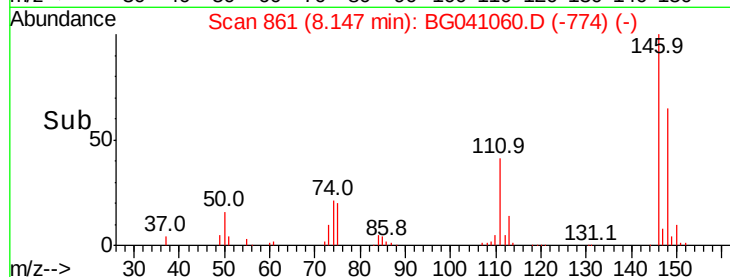
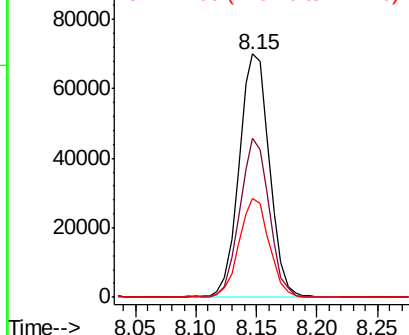


Abundance

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



#14
 1,2-Dichlorobenzene
 Concen: 39.369 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

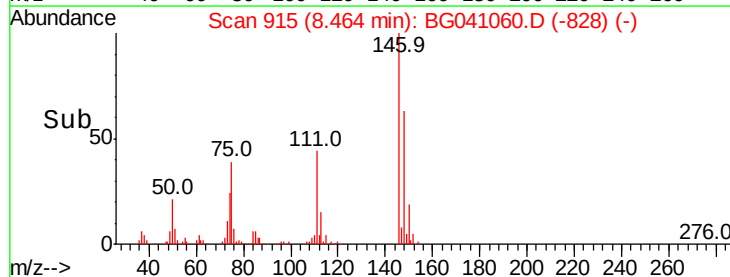
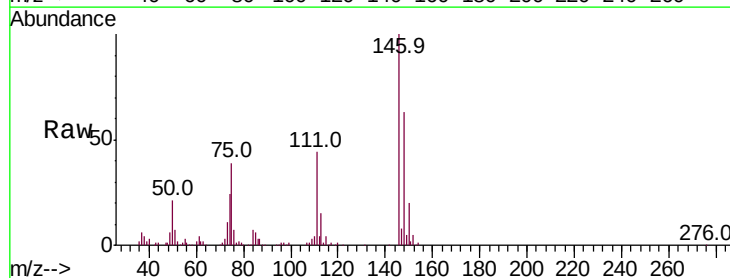
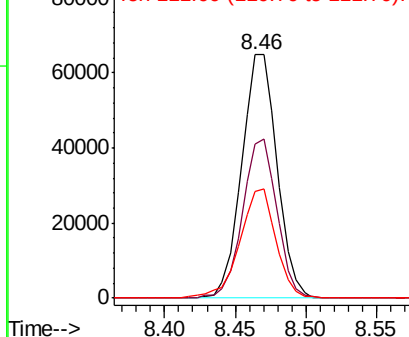
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.6
111	43.6	35.0	52.4

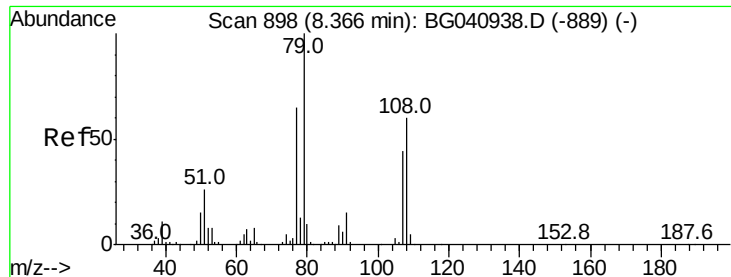
Abundance

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





#15

Benzyl Alcohol

Concen: 39.544 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

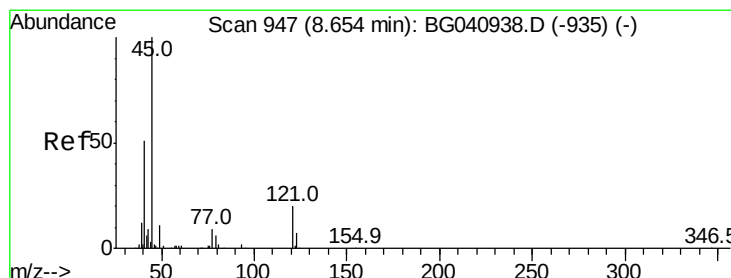
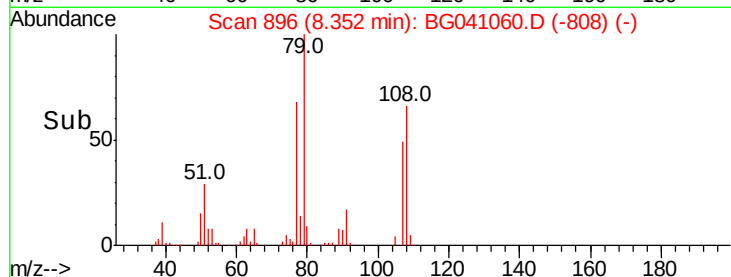
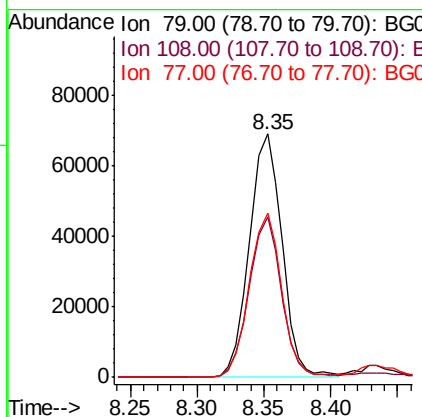
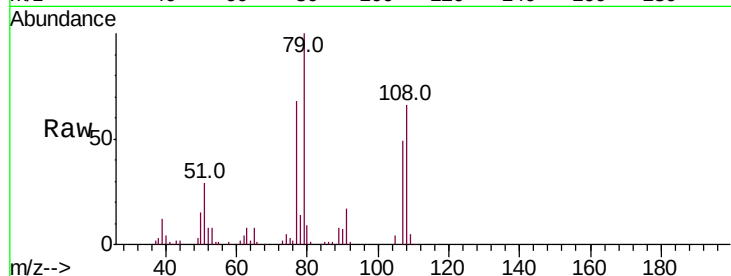
ClientSampleId :

PB120267BS

Tot Ion:	79	Resp:	116554
Ion	Ratio	Lower	Upper
79	100		
108	65.8	48.3	72.5
77	67.7	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.968 ng

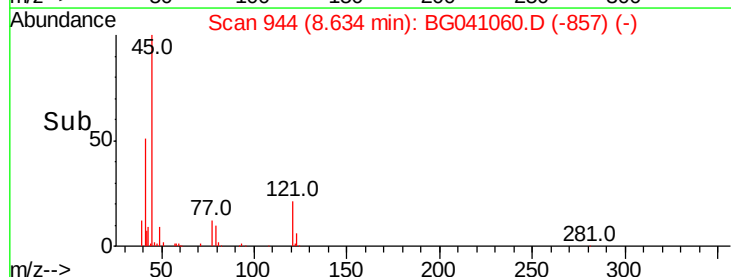
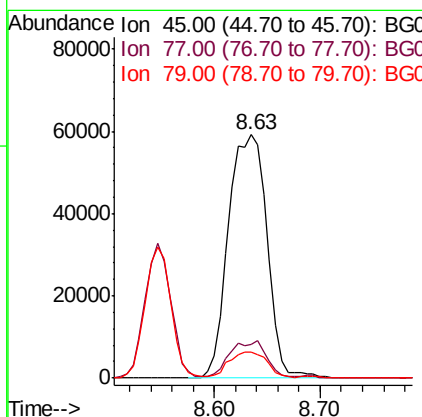
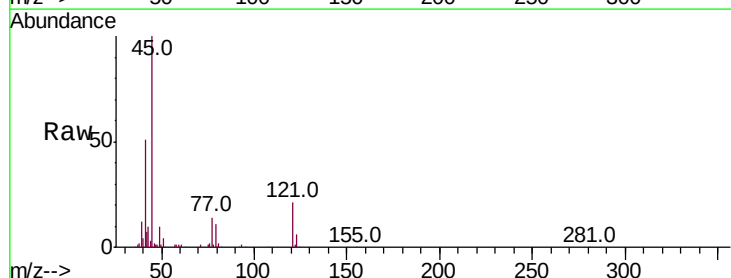
RT: 8.63 min Scan# 944

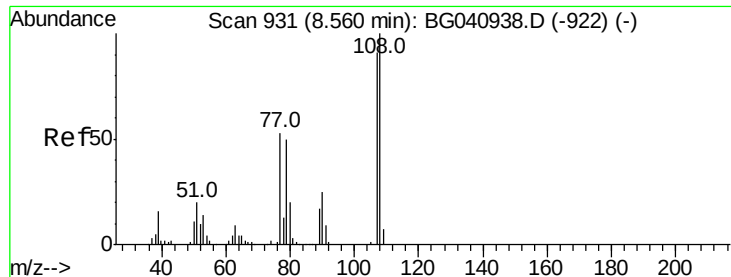
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	45	Resp:	149717
Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.7
79	10.9	0.0	30.2





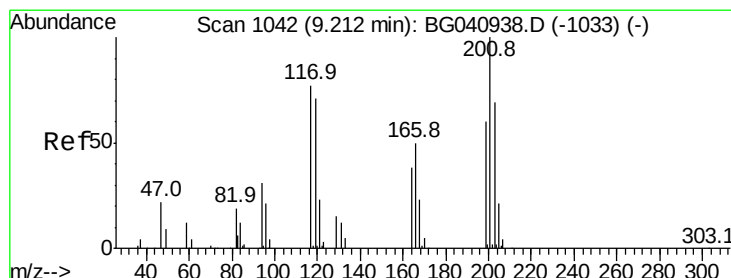
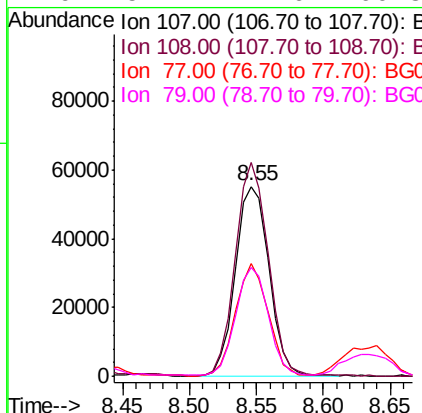
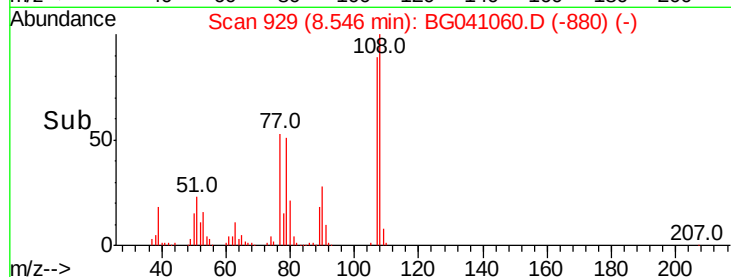
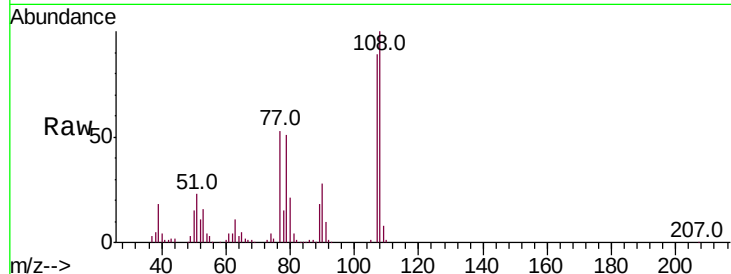
#17
2-Methylphenol
Concen: 39.183 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	107	Resp	96924
Ion Ratio	Lower	Upper	
107	100		
108	112.5	87.7	131.5
77	59.3	46.6	70.0
79	57.4	44.6	66.8

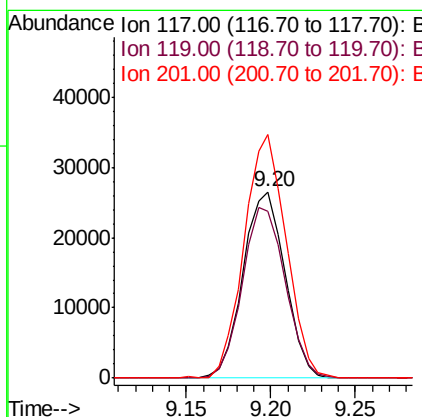
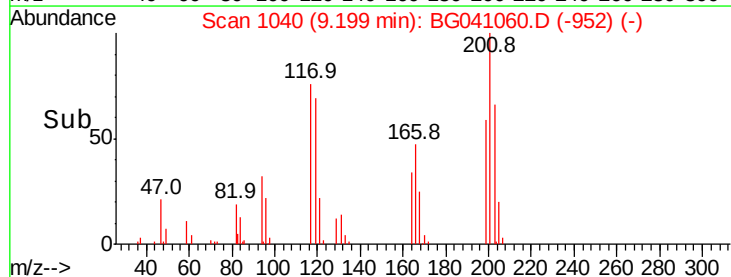
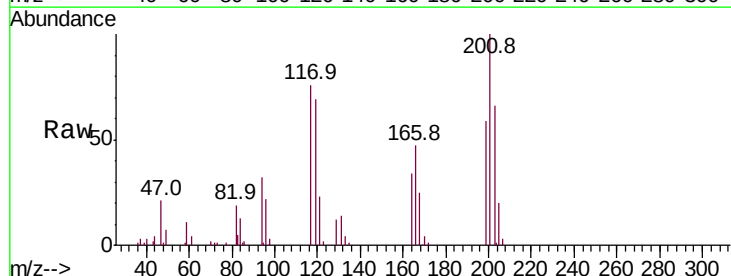
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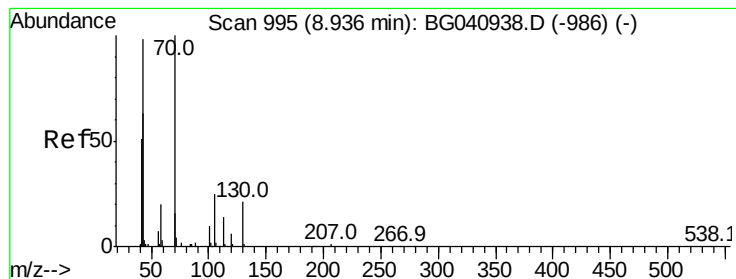
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#18
Hexachloroethane
Concen: 39.828 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	117	Resp	45647
Ion Ratio	Lower	Upper	
117	100		
119	89.7	75.0	112.6
201	130.8	103.5	155.3





#19

n-Nitroso-di-n-propylamine

Concen: 37.235 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

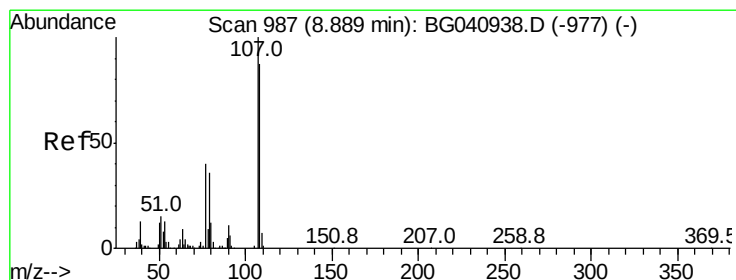
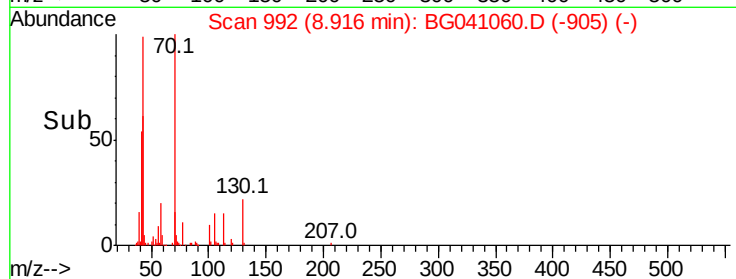
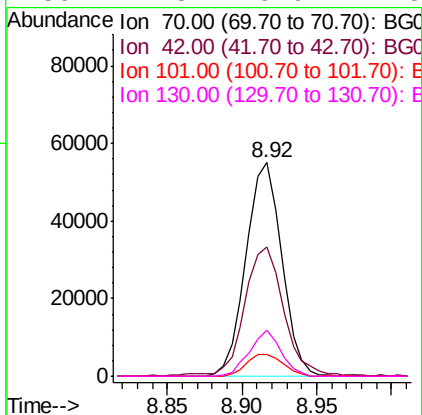
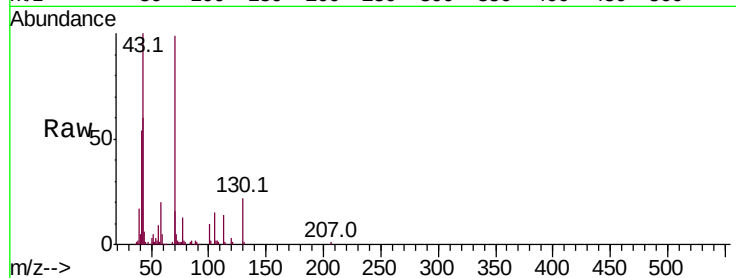
ClientSampleId :

PB120267BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.6	51.5	77.3	
101	10.0	8.1	12.1	
130	21.8	16.6	24.8	

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#20

3+4-Methylphenols

Concen: 39.399 ng

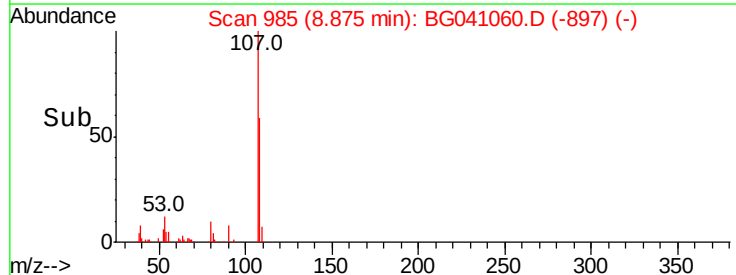
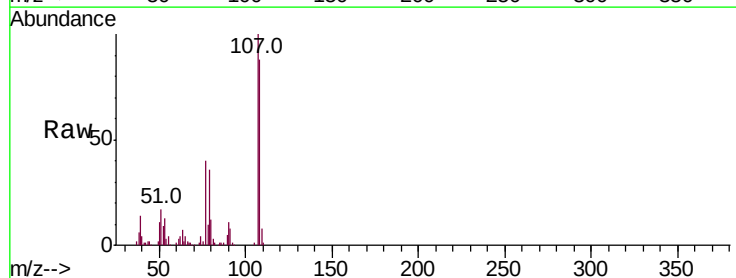
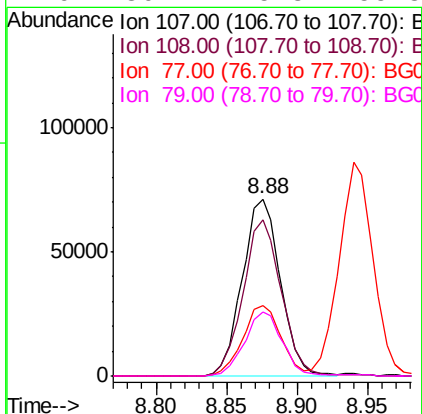
RT: 8.88 min Scan# 985

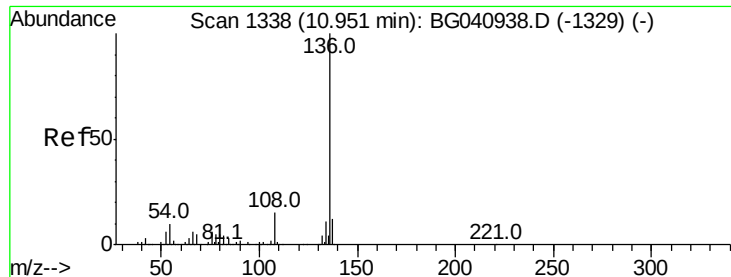
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	66.8	106.8	
77	39.5	20.5	60.5	
79	36.1	15.8	55.8	





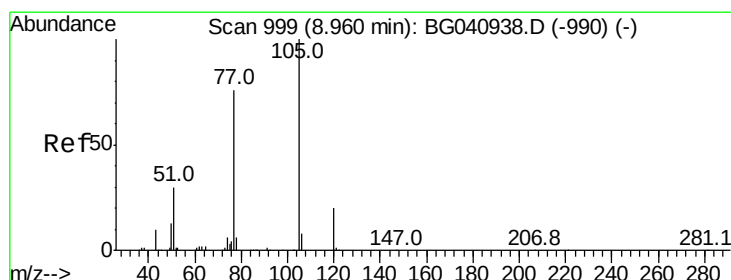
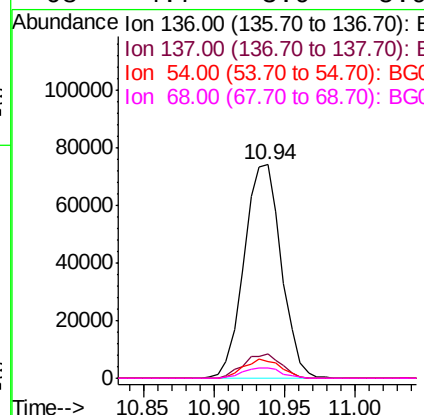
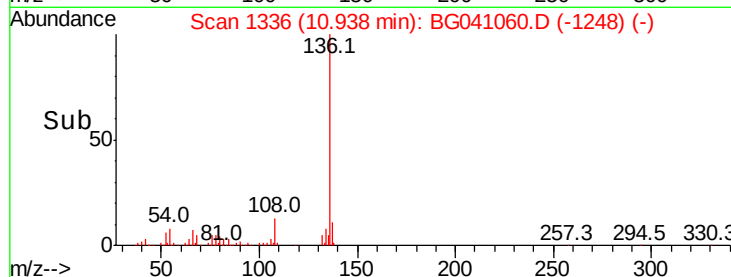
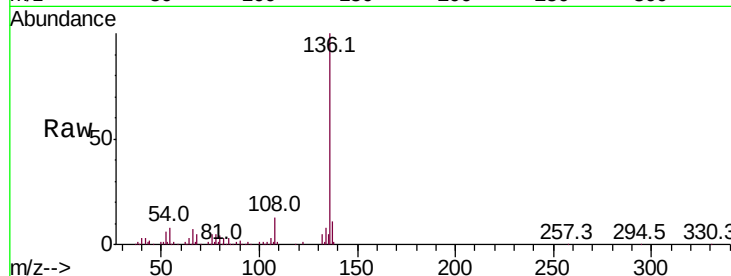
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	136689		
137	11.1		9.5	14.3
54	8.1		7.6	11.4
68	4.7		3.9	5.9

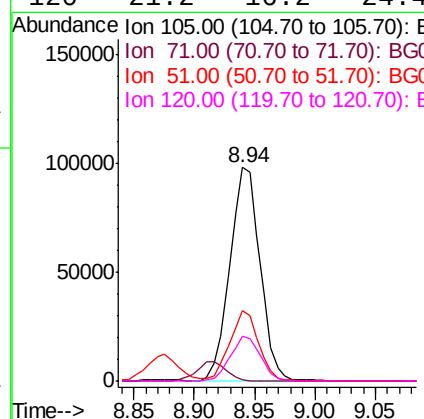
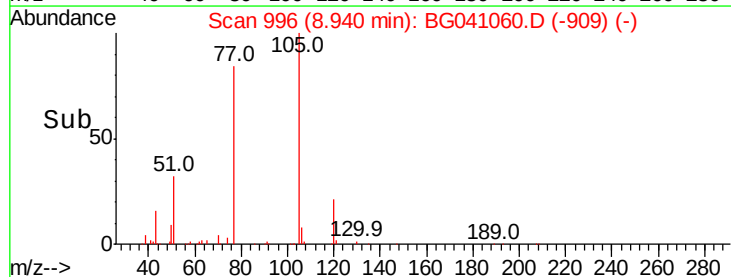
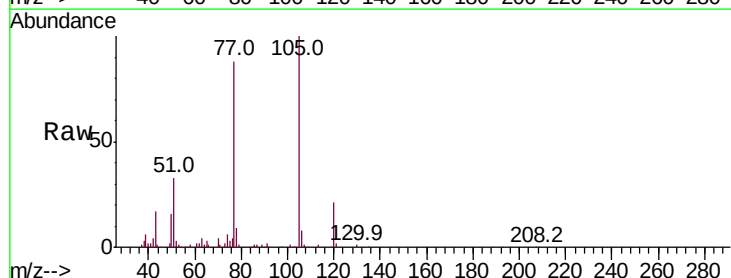
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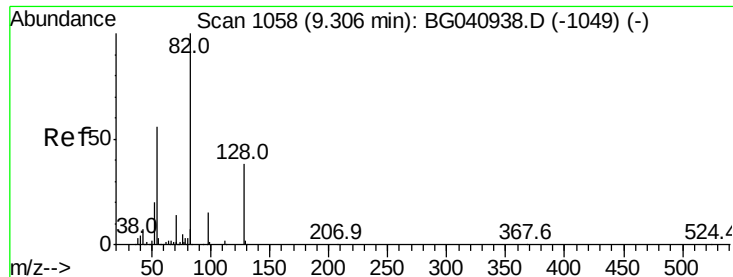
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#22
Acetophenone
Concen: 44.443 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170411		
71	0.8		0.4	0.6#
51	32.9		27.0	40.6
120	21.2		16.2	24.4





#23

Nitrobenzene-d5

Concen: 83.851 ng

RT: 9.29 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

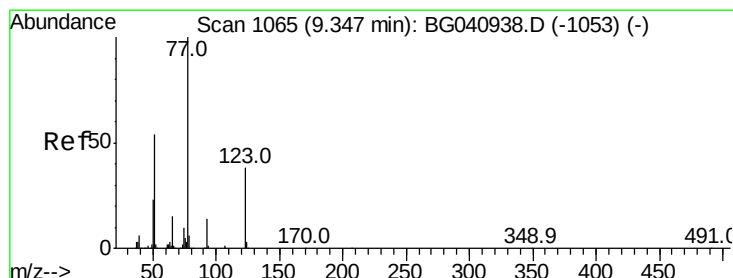
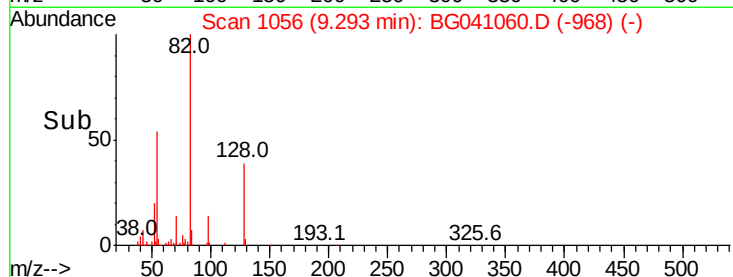
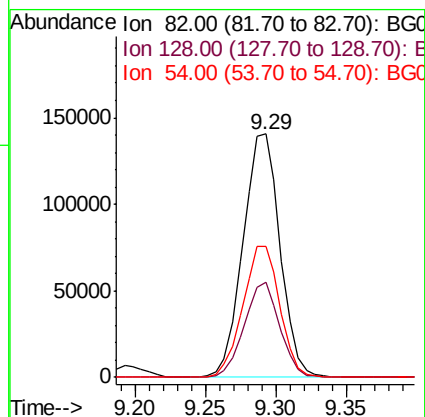
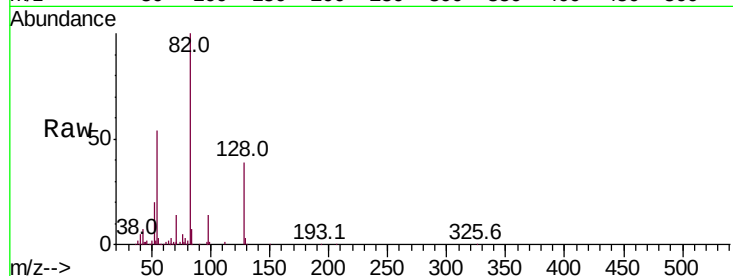
ClientSampleId :

PB120267BS

Tot Ion:	82	Resp:	258180
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.5	45.7
54	53.9	44.6	66.8

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#24

Nitrobenzene

Concen: 45.231 ng

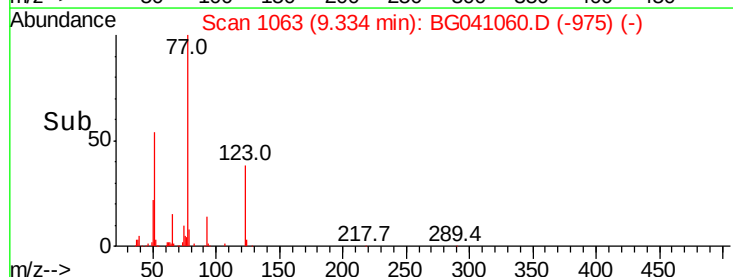
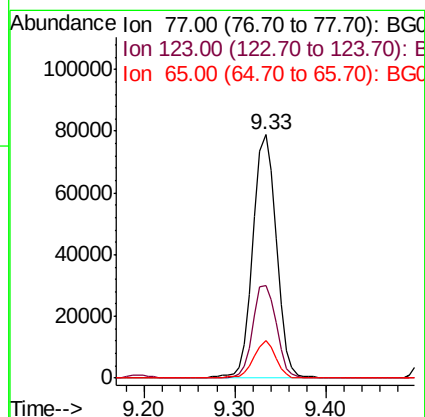
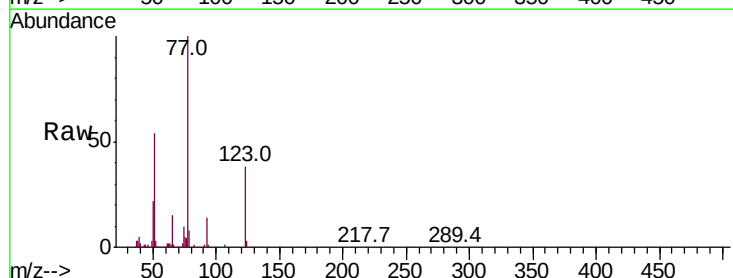
RT: 9.33 min Scan# 1063

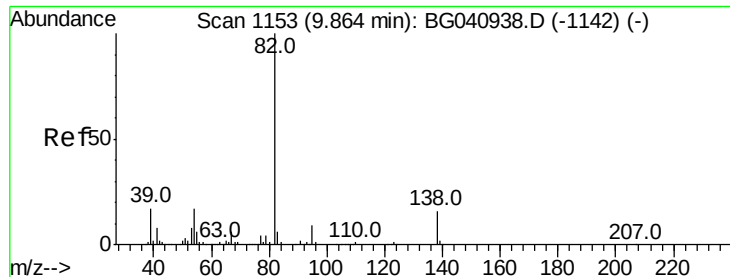
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	77	Resp:	141924
Ion Ratio	Lower	Upper	
77	100		
123	38.0	30.6	46.0
65	15.4	12.3	18.5





#25

Isophorone

Concen: 43.888 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

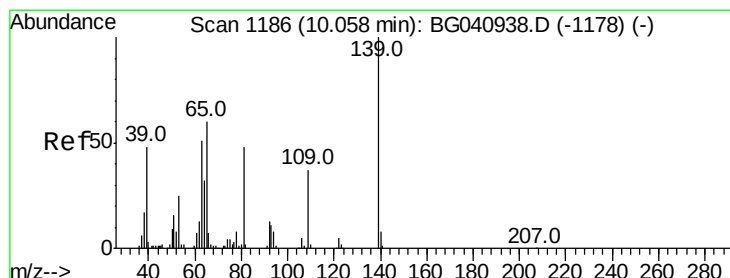
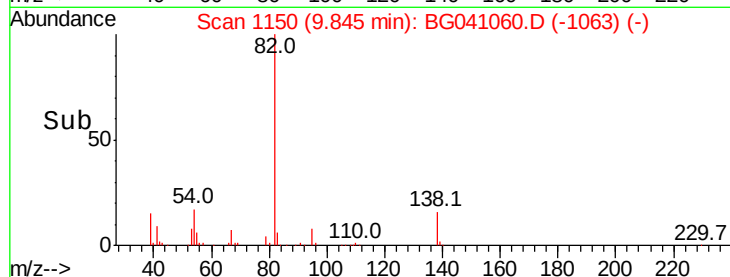
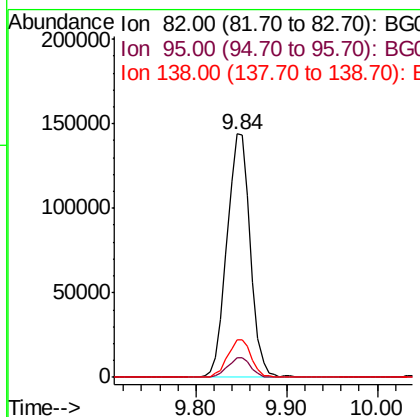
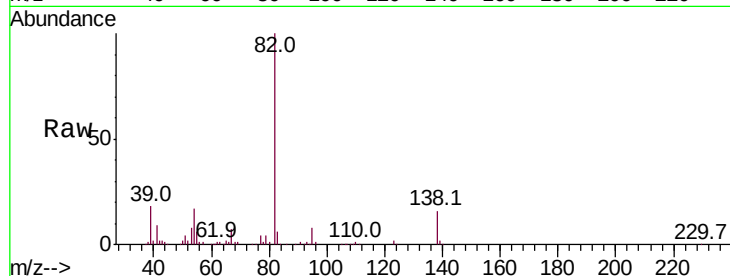
ClientSampleId :

PB120267BS

Tot Ion:	82	Resp:	257164
Ion Ratio	Lower	Upper	
82	100		
95	8.3	7.0	10.4
138	15.6	12.6	19.0

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#26

2-Nitrophenol

Concen: 48.486 ng

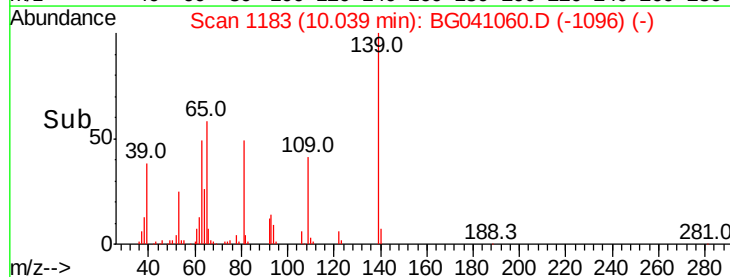
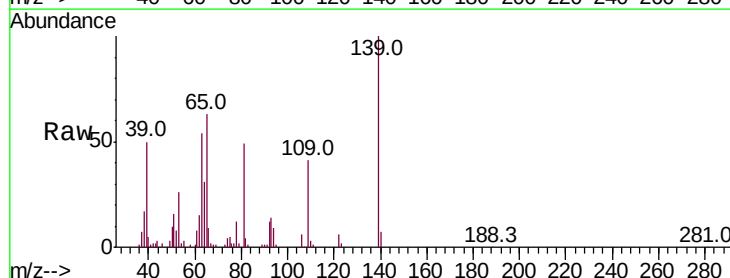
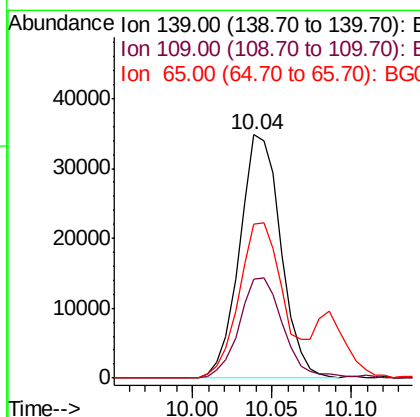
RT: 10.04 min Scan# 1183

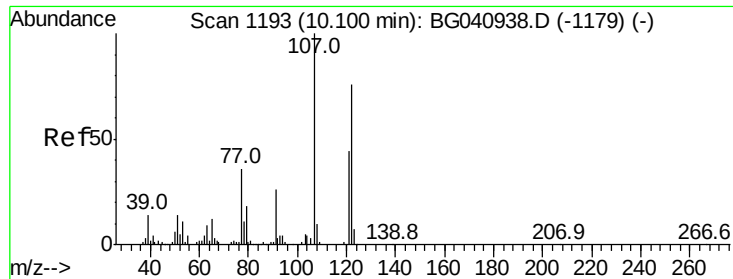
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	139	Resp:	62720
Ion Ratio	Lower	Upper	
139	100		
109	40.6	29.8	44.6
65	63.1	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 49.721 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

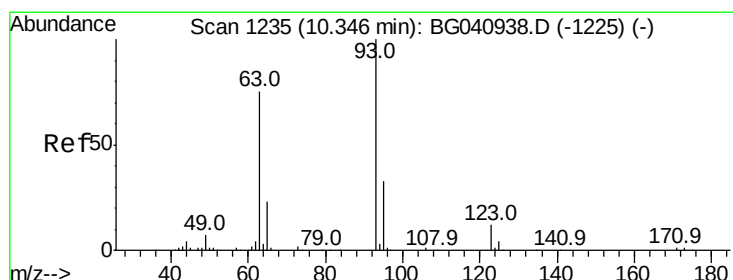
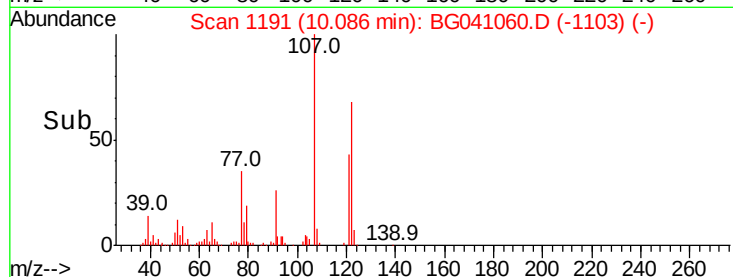
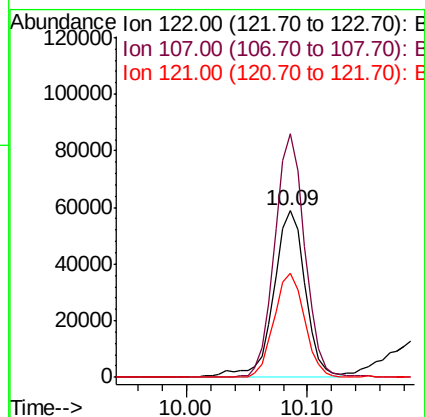
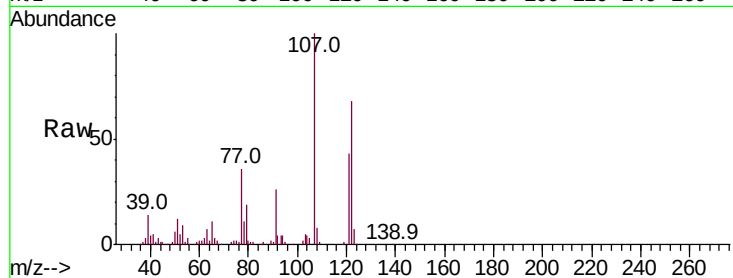
ClientSampleId :

PB120267BS

Tot Ion:	122	Resp:	106223
Ion Ratio	Lower	Upper	
122	100		
107	146.0	105.9	158.9
121	62.4	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 41.904 ng

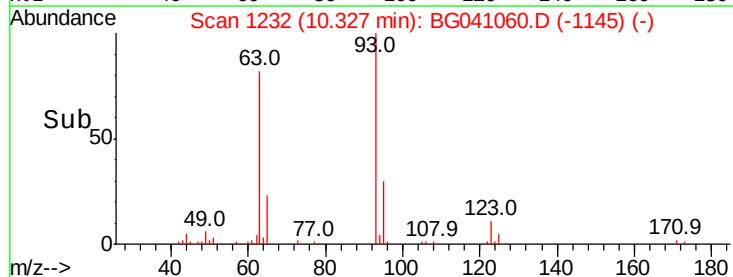
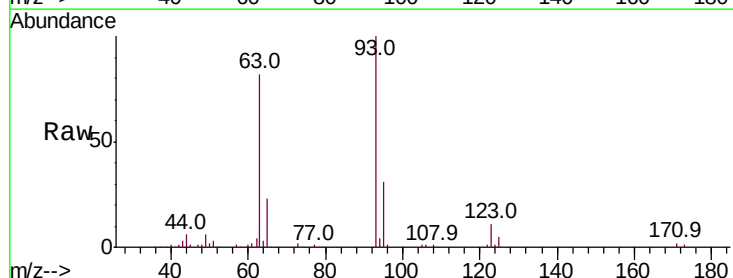
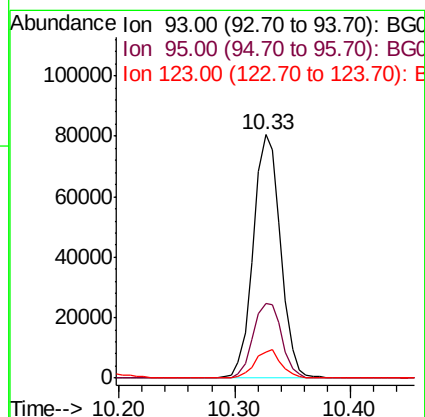
RT: 10.33 min Scan# 1232

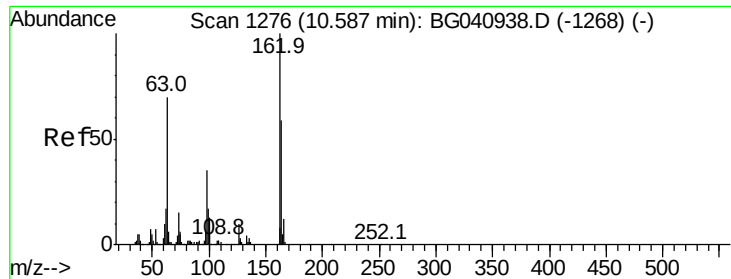
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	93	Resp:	132524
Ion Ratio	Lower	Upper	
93	100		
95	30.7	26.2	39.2
123	10.7	9.5	14.3





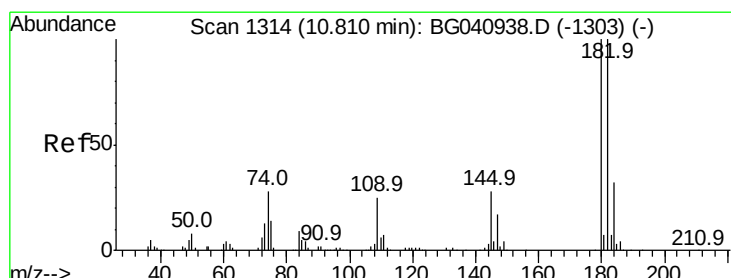
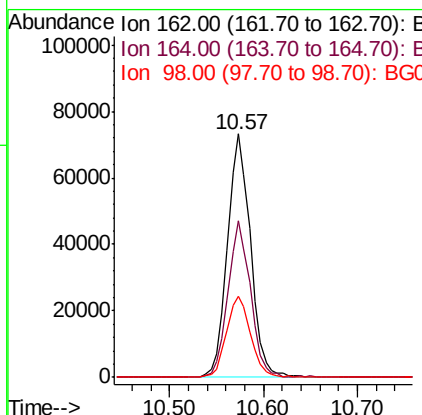
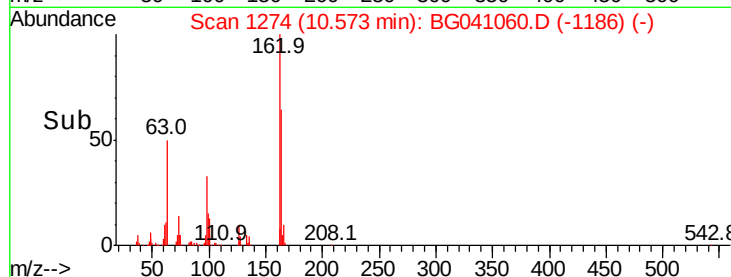
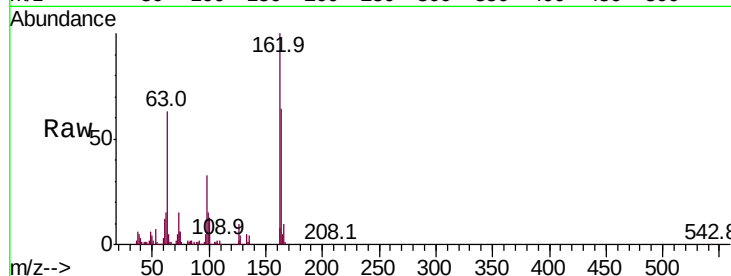
#29
2,4-Dichlorophenol
Concen: 45.986 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampled :
PB120267BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	39.4	79.4
98	33.3	15.3	55.3

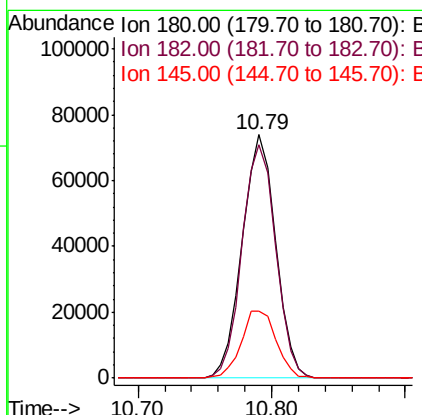
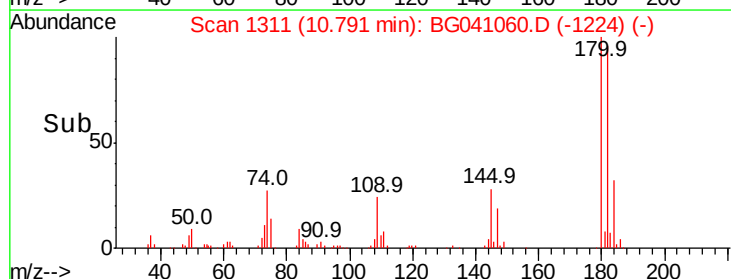
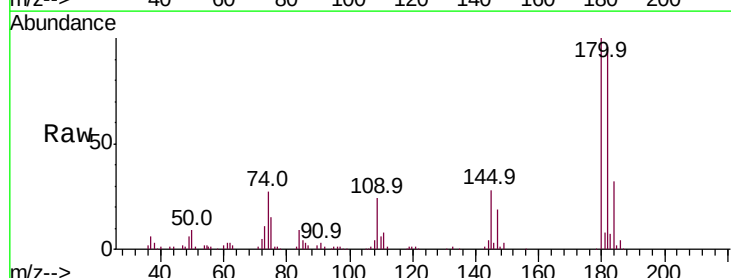
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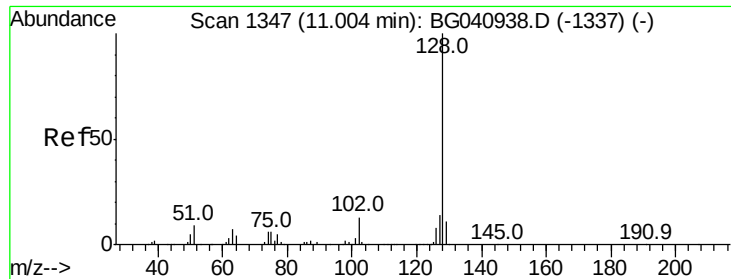
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#30
1,2,4-Trichlorobenzene
Concen: 41.414 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	79.7	119.5
145	27.6	22.6	34.0





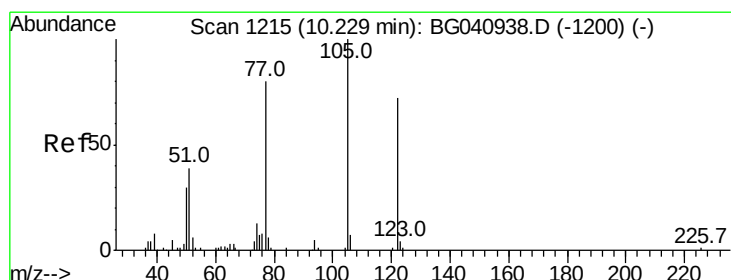
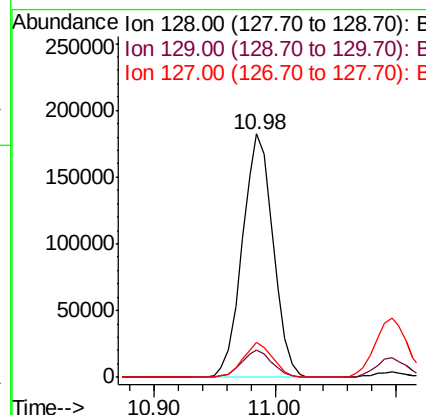
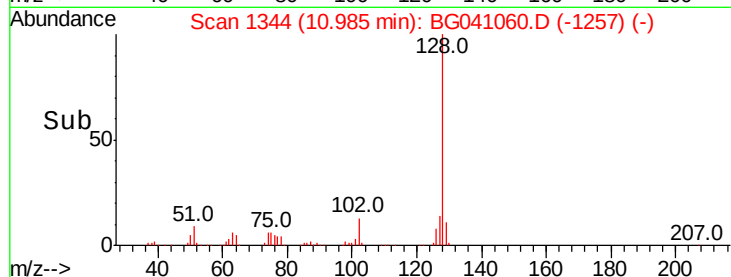
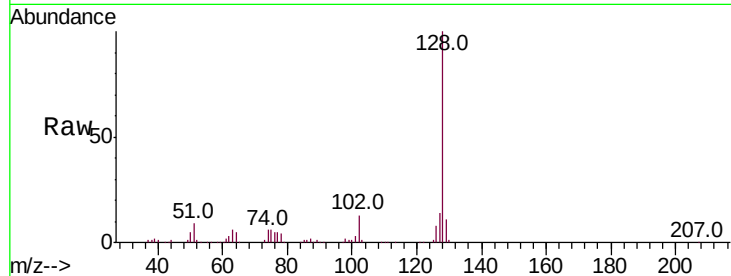
#31
Naphthalene
Concen: 43.959 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.5	12.7
127	14.1	11.4	17.2

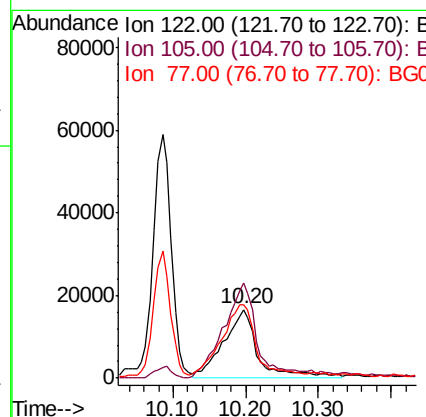
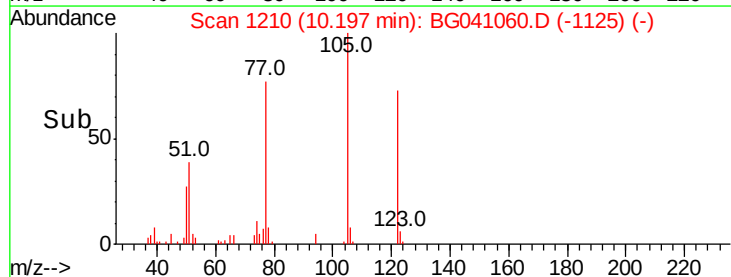
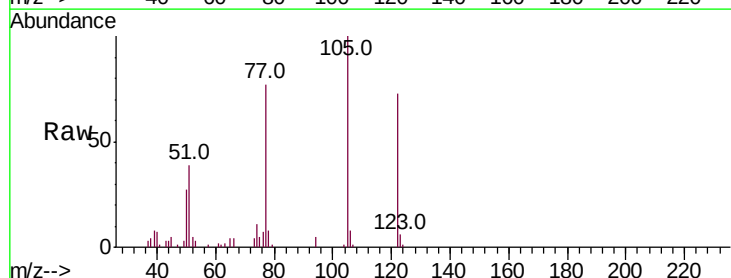
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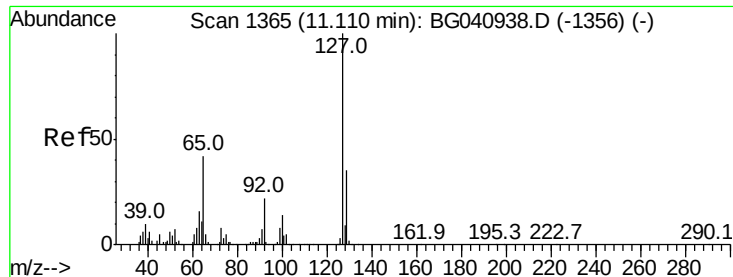
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#32
Benzoic acid
Concen: 34.921 ng m
RT: 10.20 min Scan# 1210
Delta R.T. -0.03 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.6	114.8	154.8
77	106.4	89.9	129.9





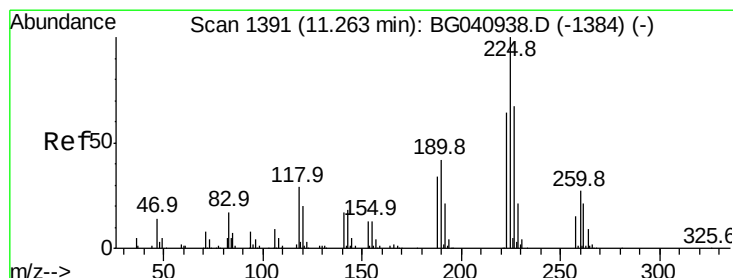
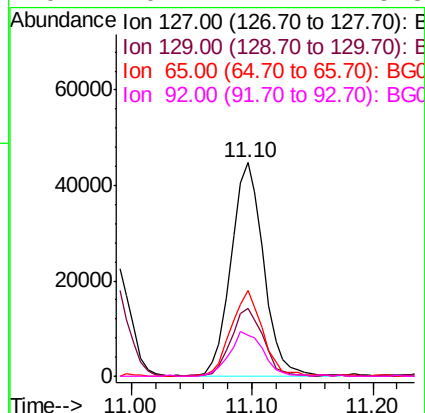
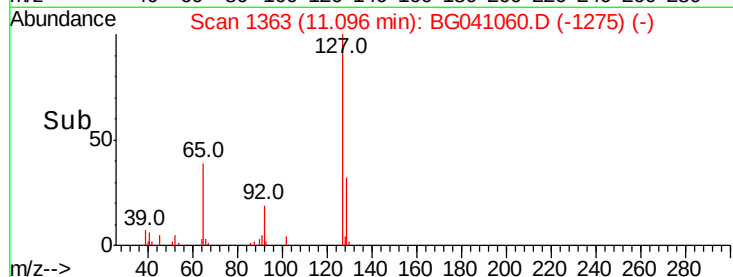
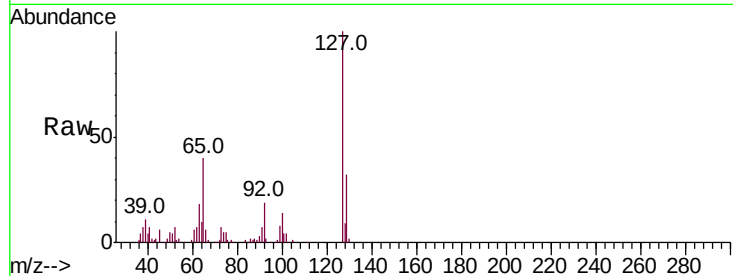
#33
4-Chloroaniline
Concen: 24.757 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.7	41.5
65	40.0	33.2	49.8
92	19.1	17.2	25.8

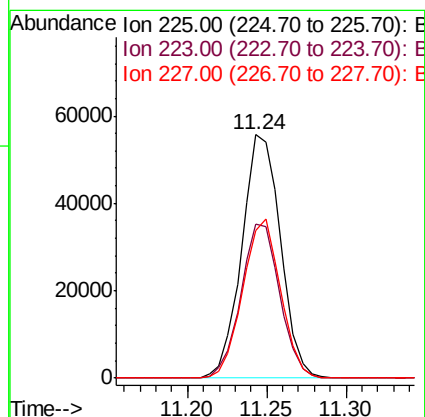
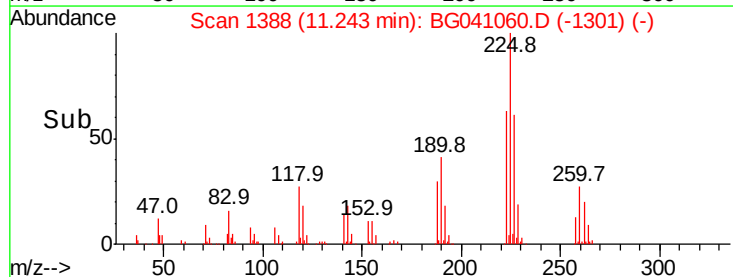
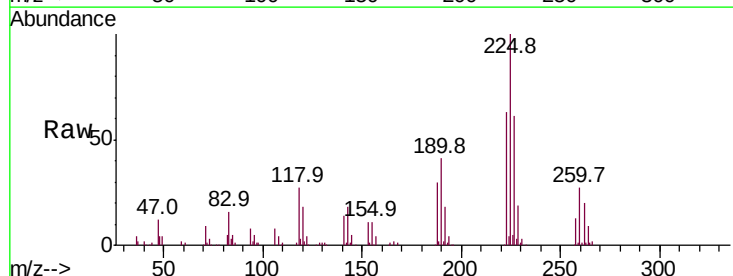
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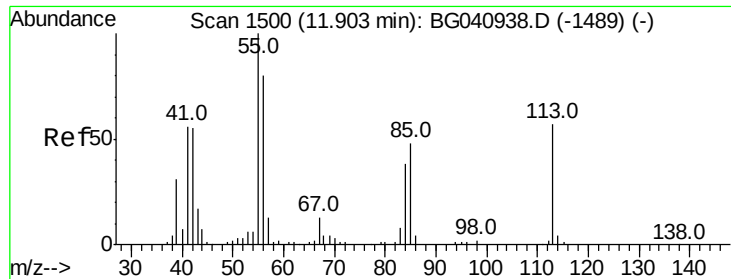
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#34
Hexachlorobutadiene
Concen: 39.945 ng
RT: 11.24 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	60.6	51.4	77.0





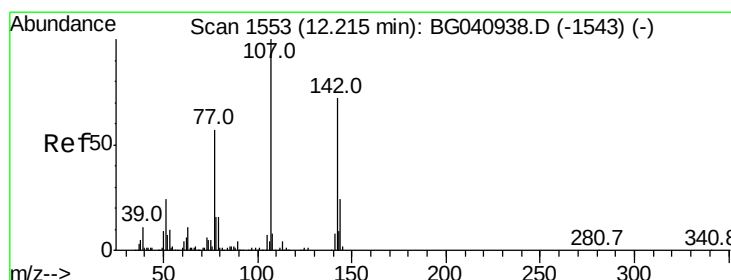
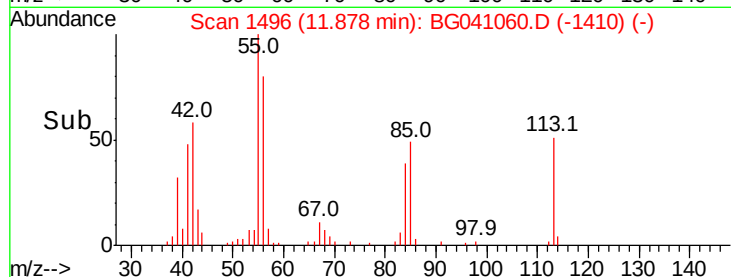
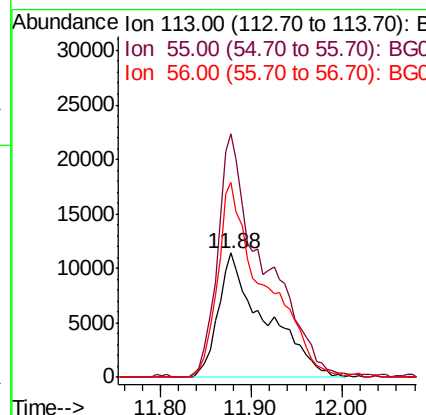
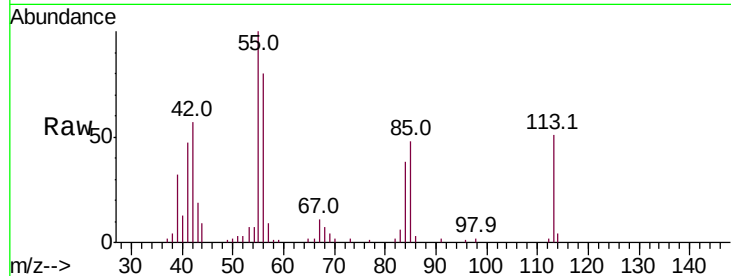
#35
 Caprolactam
 Concen: 45.696 ng/ml
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.03 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleID :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.8	155.9	195.9
56	156.4	119.9	159.9

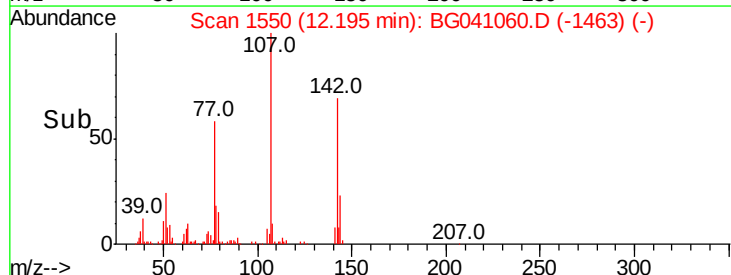
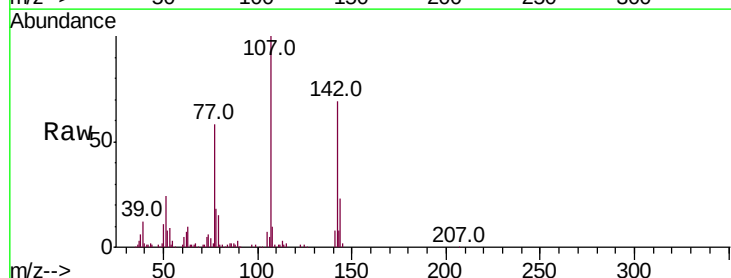
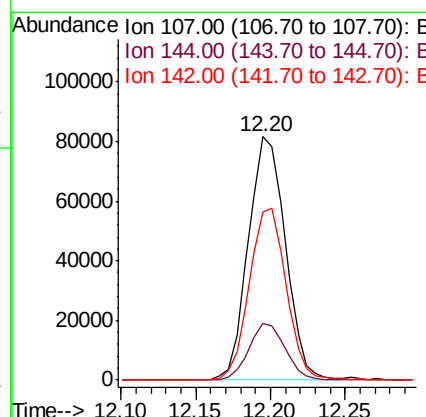
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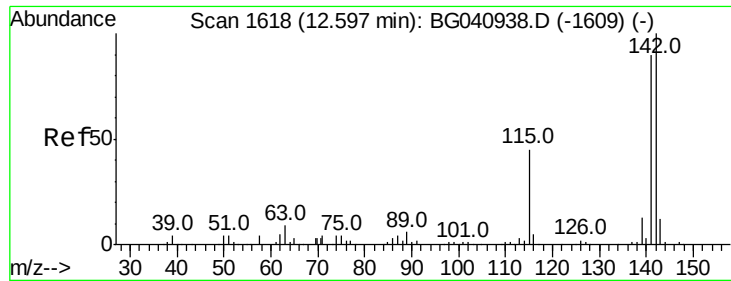
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#36
 4-Chloro-3-methylphenol
 Concen: 45.323 ng/ml
 RT: 12.20 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.4	29.0
142	69.1	57.3	85.9





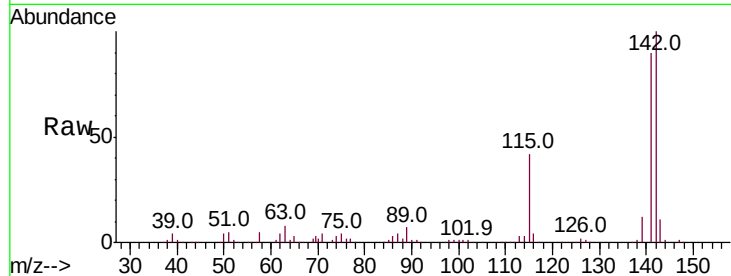
#37
2-Methylnaphthalene
Concen: 42.058 ng
RT: 12.58 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	42.2	36.2	54.4

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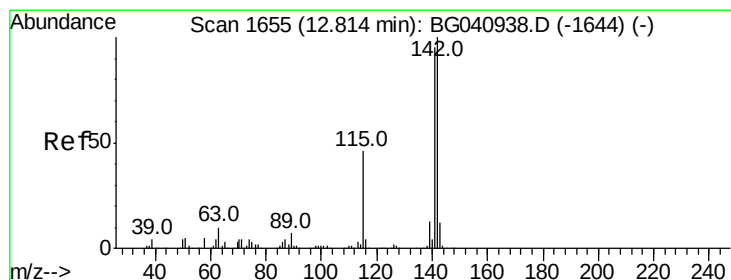
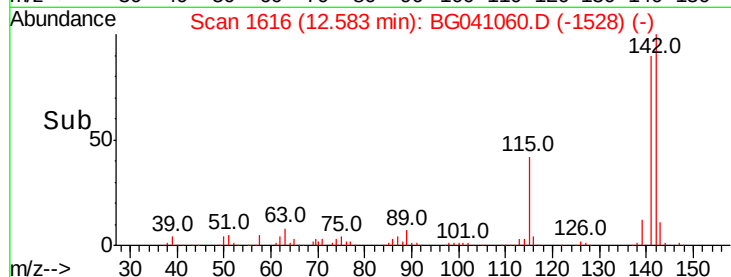
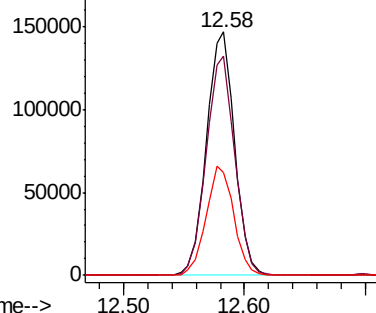


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.474 ng m
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

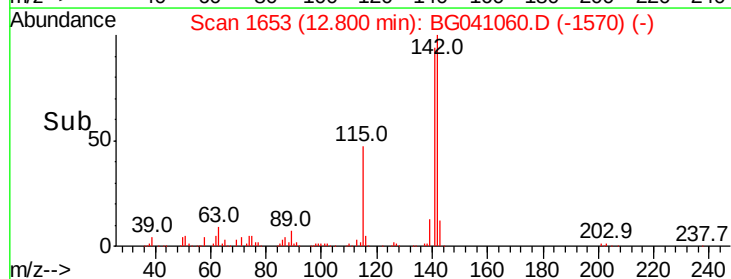
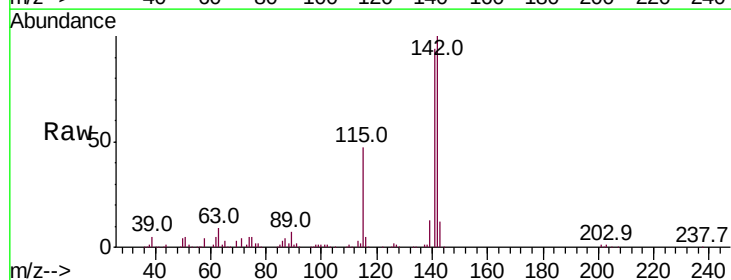
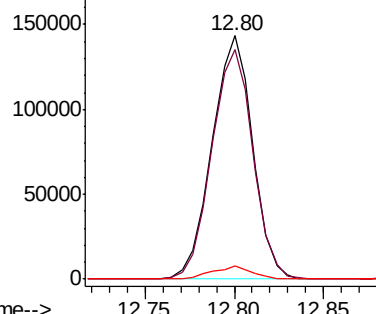
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.7	113.5
116	5.3	3.4	5.2#

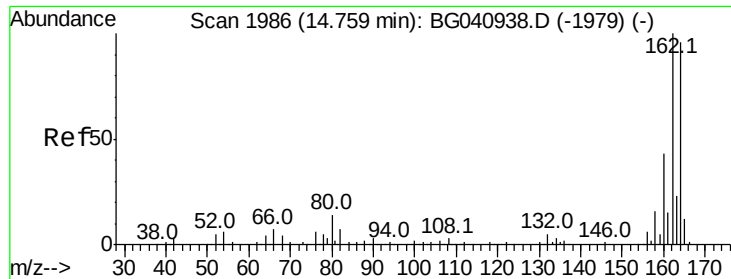
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

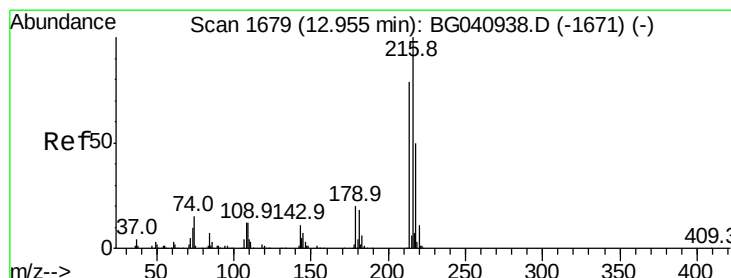
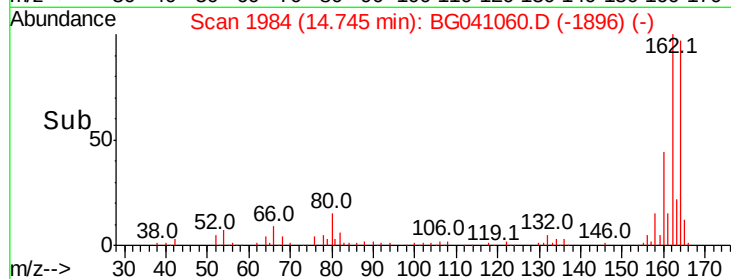
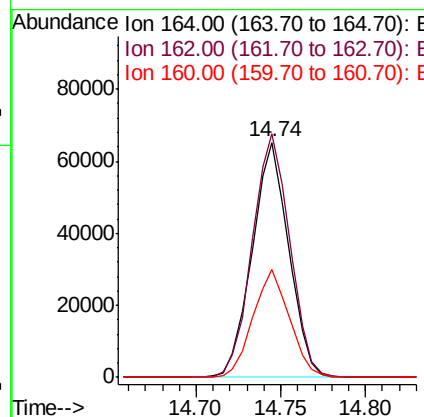
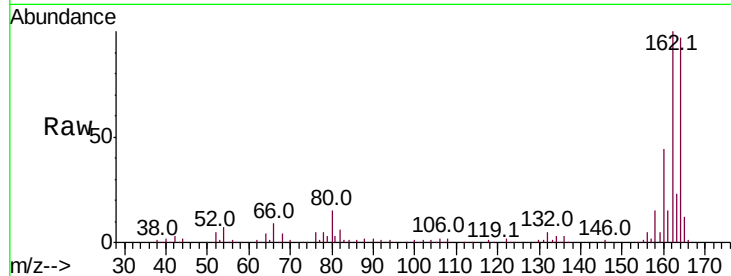
ClientSampleId :

PB120267BS

Tot Ion:	164	Resp:	98251
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.0	124.4
160	46.0	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.057 ng

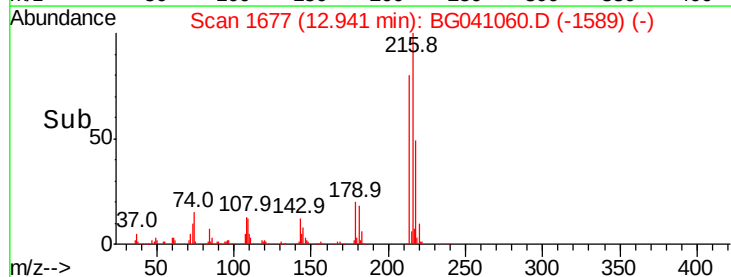
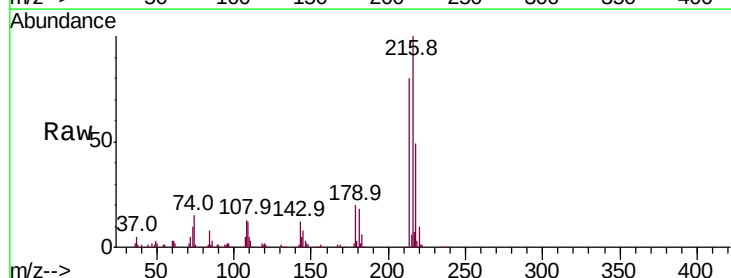
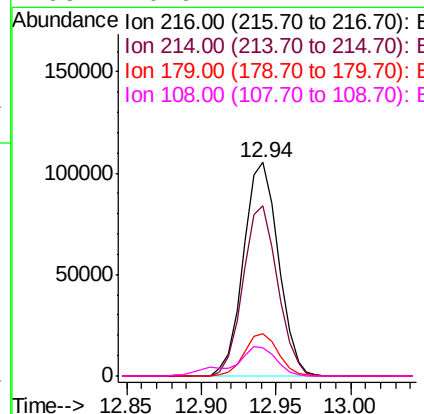
RT: 12.94 min Scan# 1677

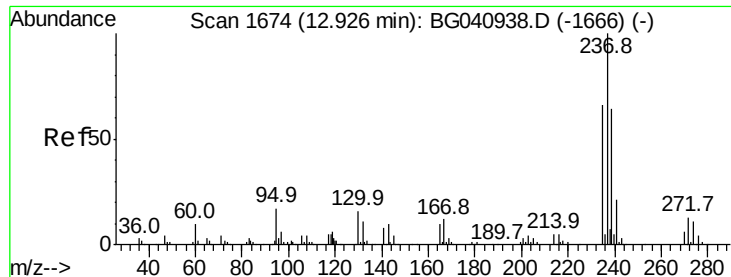
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	216	Resp:	170508
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.2
179	19.3	15.2	22.8
108	16.9	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 101.913 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

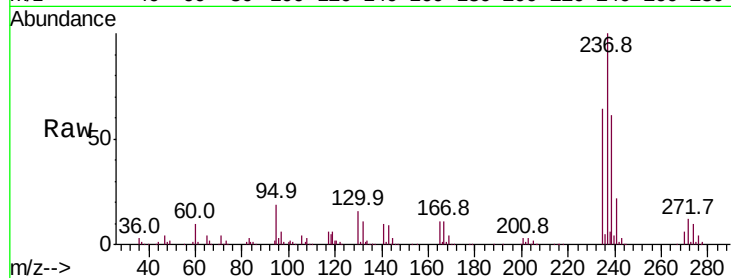
ClientSampleId :

PB120267BS

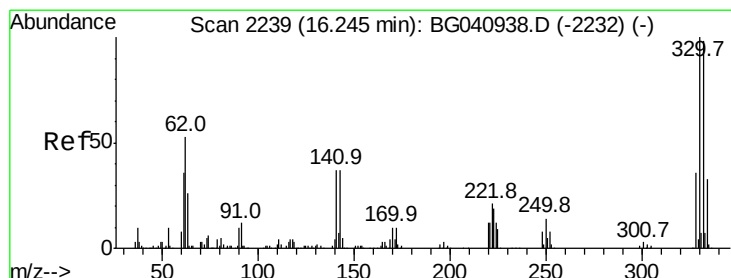
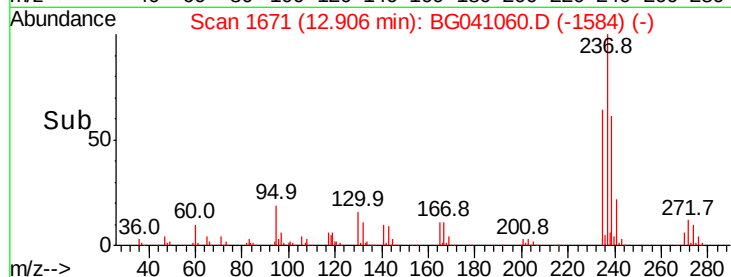
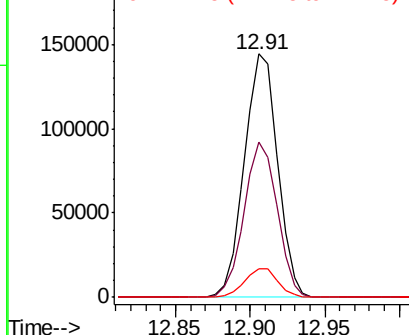
Tot Ion	Ratio	Resp	Lower	Upper
237	100	222297		
235	63.8	45.5	85.5	
272	11.6	0.0	32.9	

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 145.513 ng

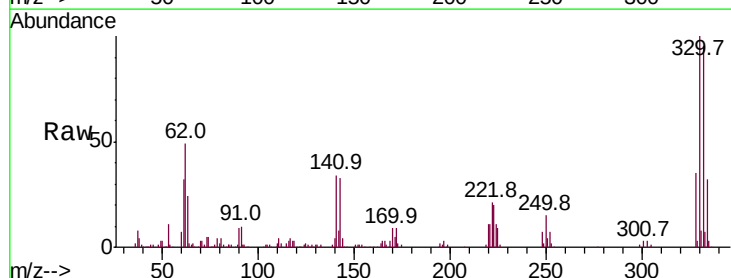
RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

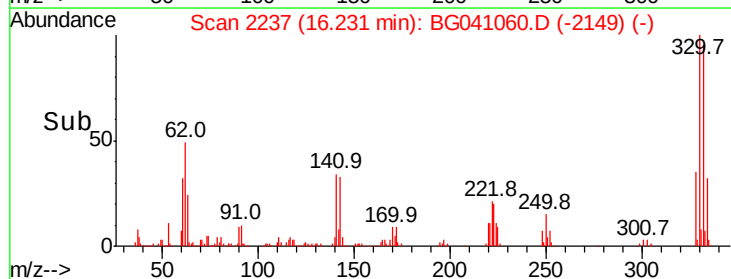
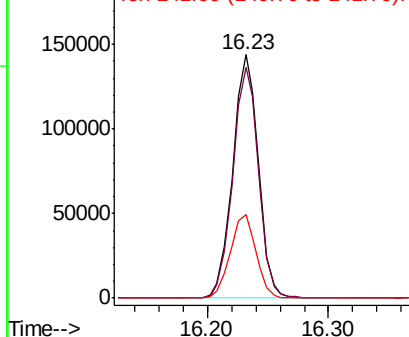
Lab File: BG041060.D

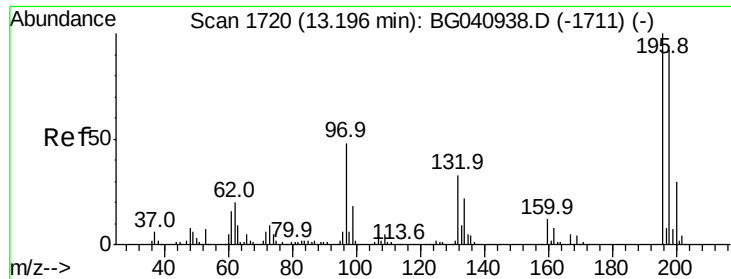
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	212246		
332	95.4	78.5	117.7	
141	34.8	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





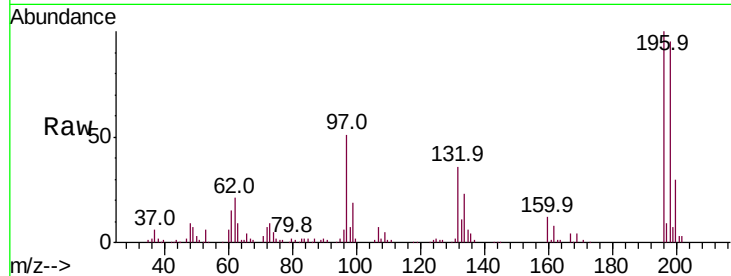
#43
 2,4,6-Trichlorophenol
 Concen: 46.333 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	118696		
198	95.1	73.8	110.6	
200	30.4	24.1	36.1	

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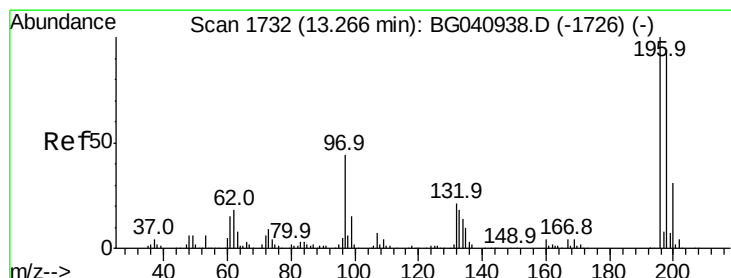
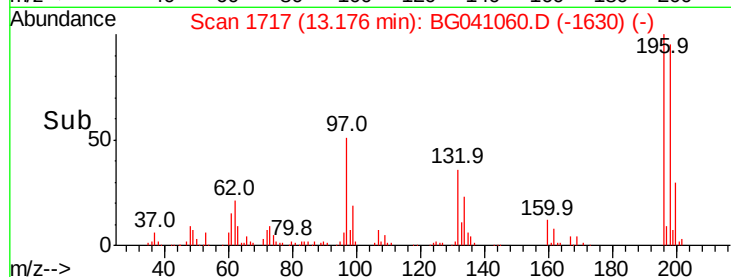
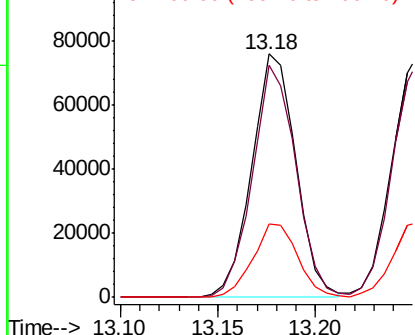


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.294 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127778		
198	96.9	75.1	112.7	
97	44.0	35.6	53.4	
132	21.6	16.7	25.1	

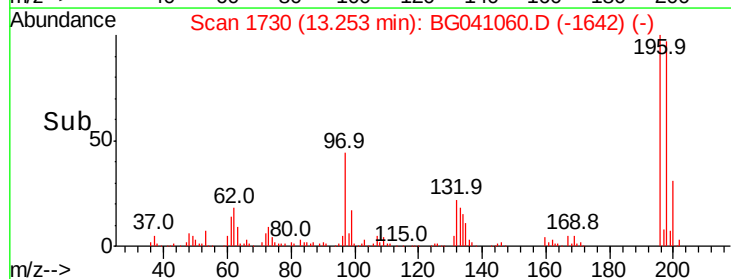
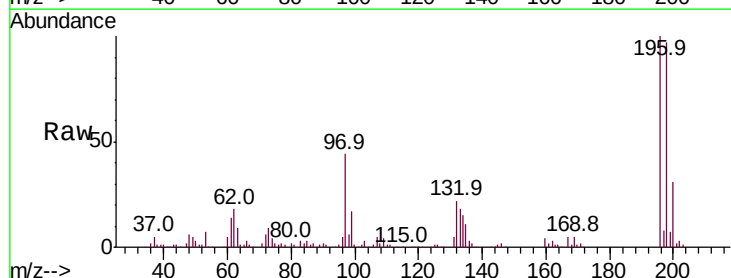
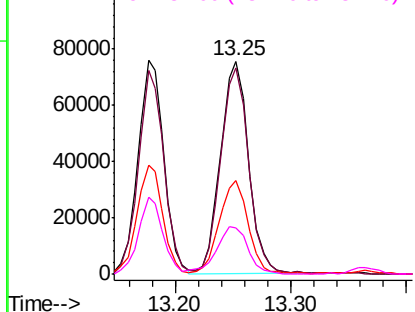
Abundance

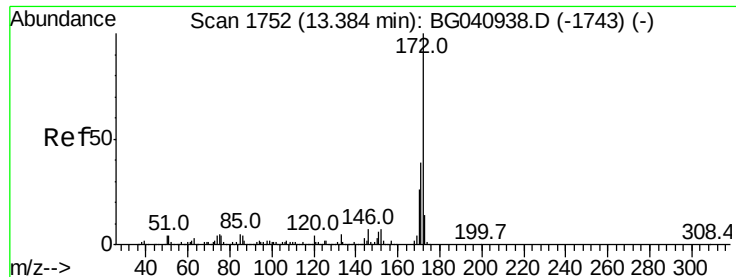
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





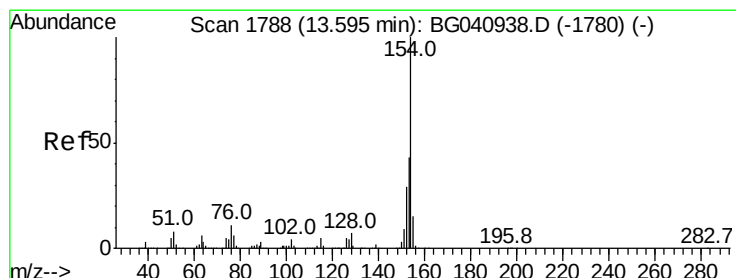
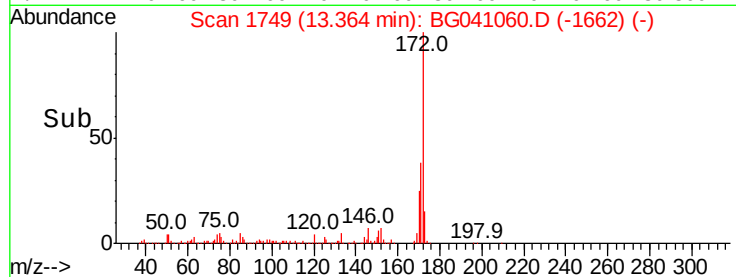
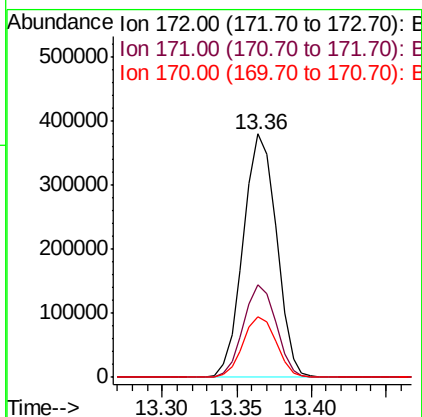
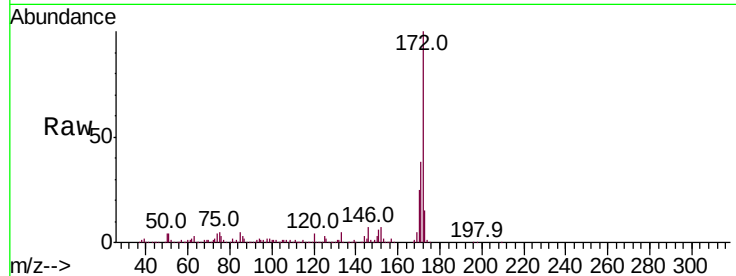
#45
2-Fluorobiphenyl
Concen: 85.838 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	585628		
171	38.1		31.1	46.7
170	24.9		20.5	30.7

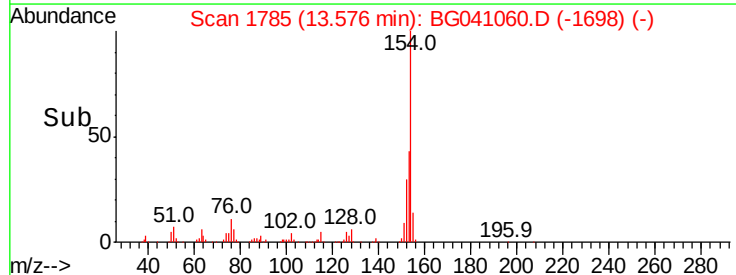
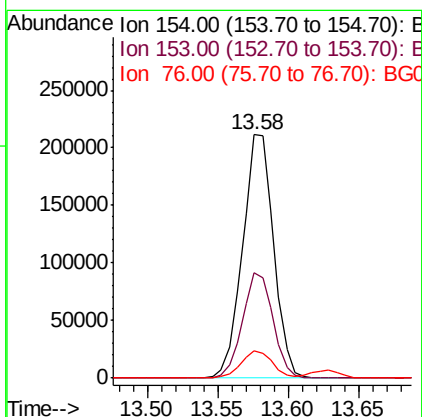
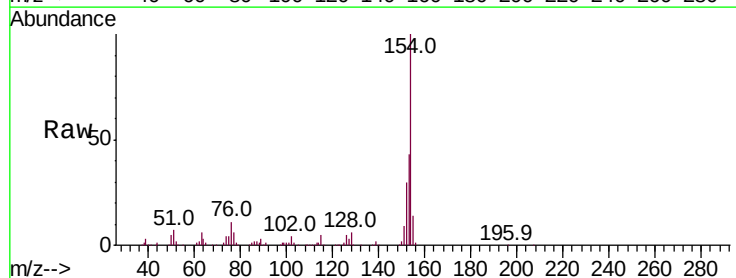
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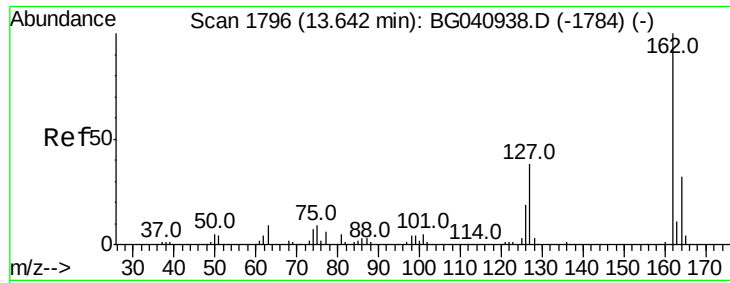
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#46
1,1'-Biphenyl
Concen: 44.845 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	326145		
153	43.3		23.3	63.3
76	11.3		0.0	31.1





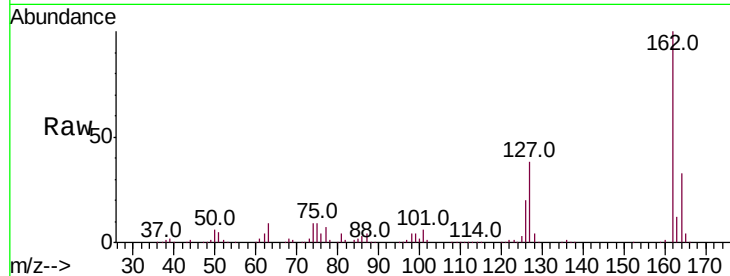
#47
 2-Chloronaphthalene
 Concen: 42.537 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

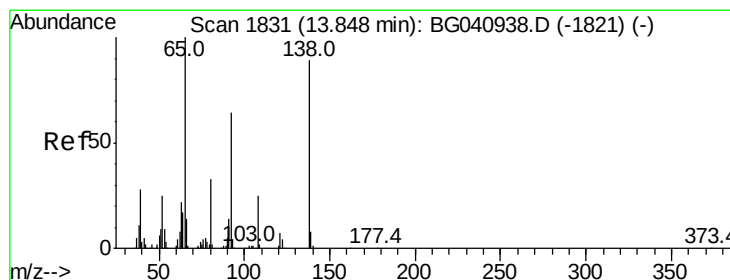
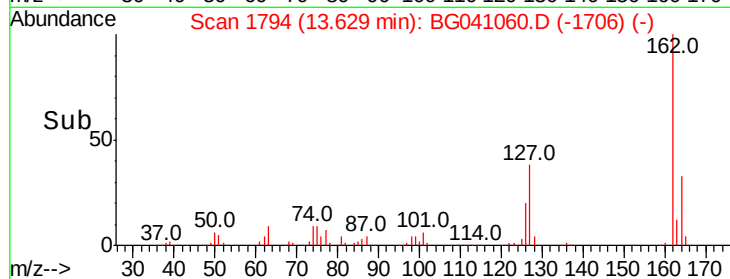
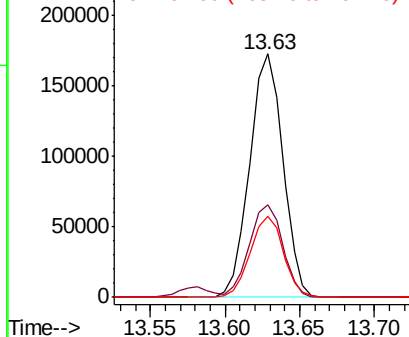
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.0	30.5	45.7
164	33.1	25.8	38.6

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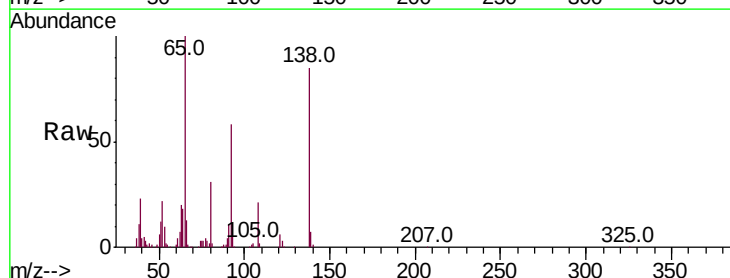


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

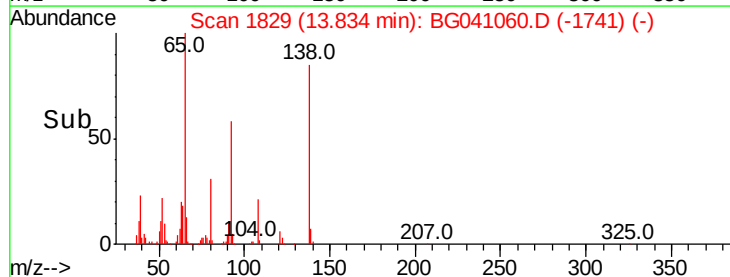
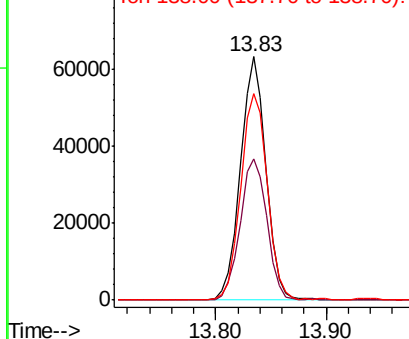


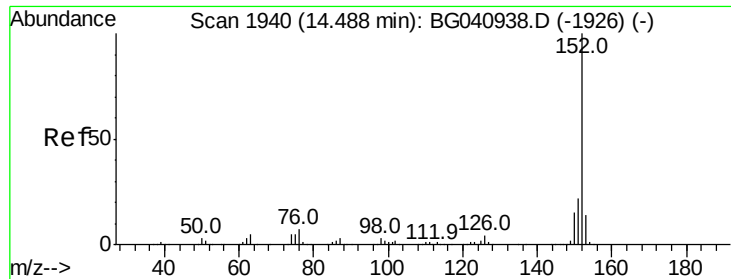
#48
 2-Nitroaniline
 Concen: 45.819 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	58.2	51.0	76.6
138	85.0	71.2	106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.291 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

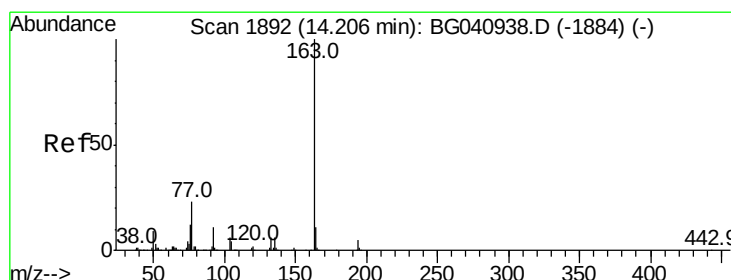
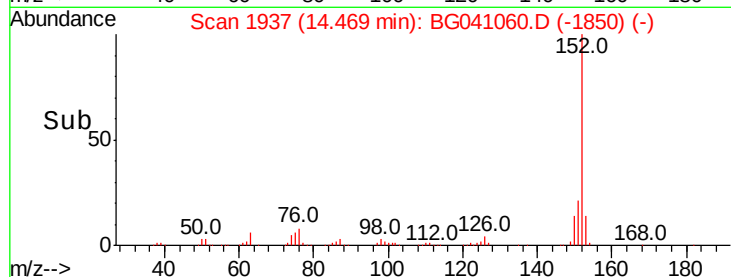
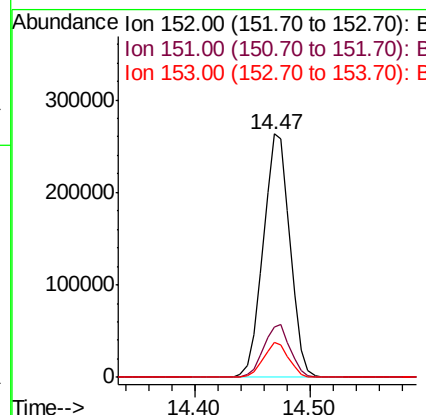
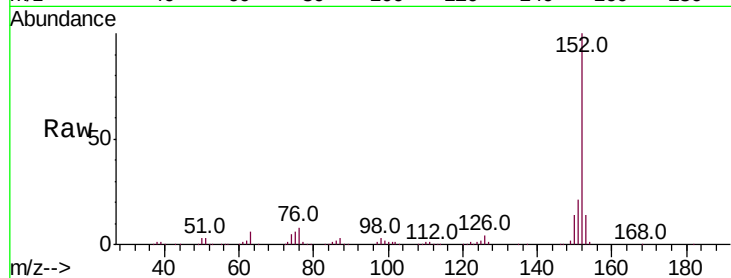
ClientSampleId :

PB120267BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.0
153	14.4	11.0	16.4

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#50

Dimethylphthalate

Concen: 44.336 ng

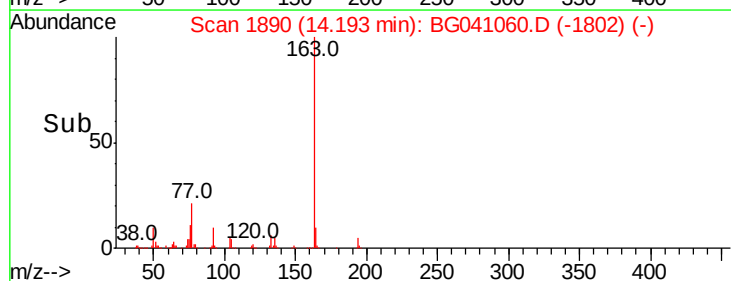
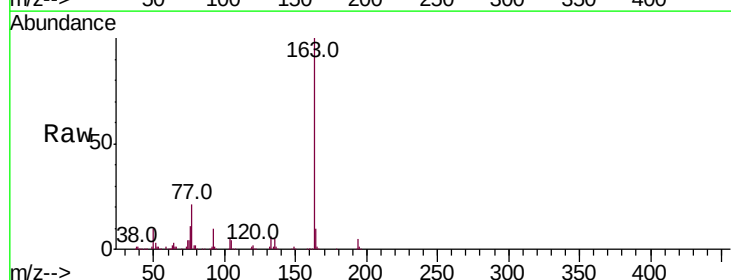
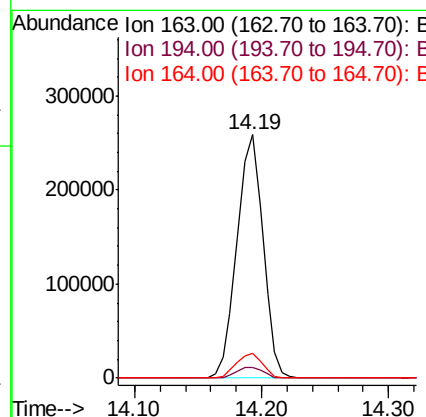
RT: 14.19 min Scan# 1890

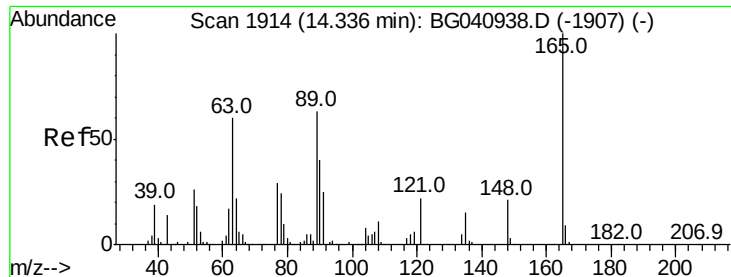
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	10.0	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 45.439 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

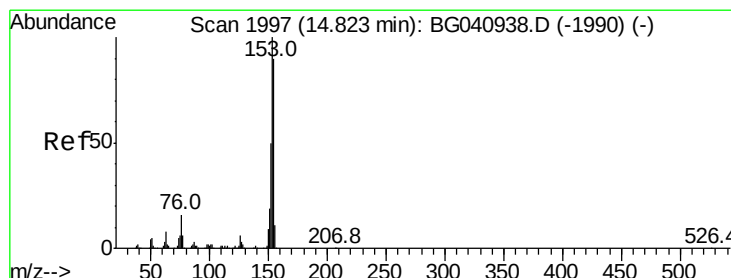
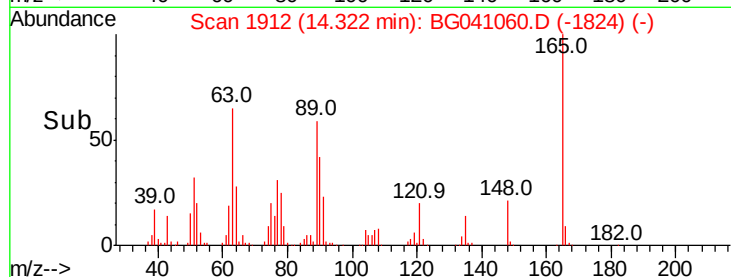
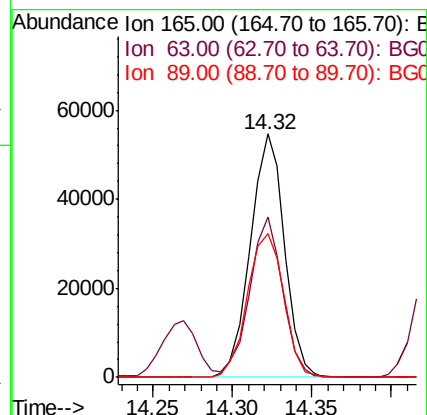
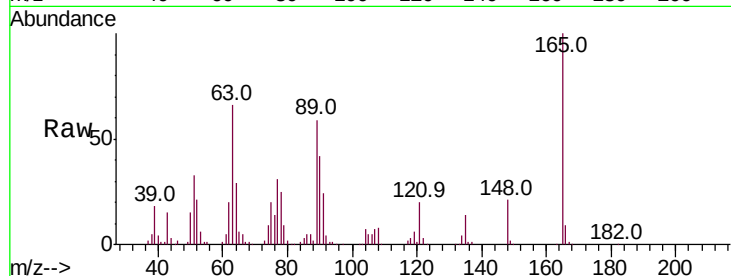
PB120267BS

Tot Ion:165 Resp: 81482
Ion Ratio Lower Upper

165	100		
63	65.9	53.6	80.4
89	59.2	50.4	75.6

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#52

Acenaphthene

Concen: 42.762 ng

RT: 14.81 min Scan# 1995

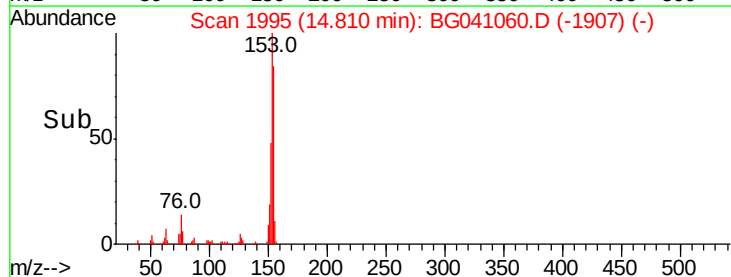
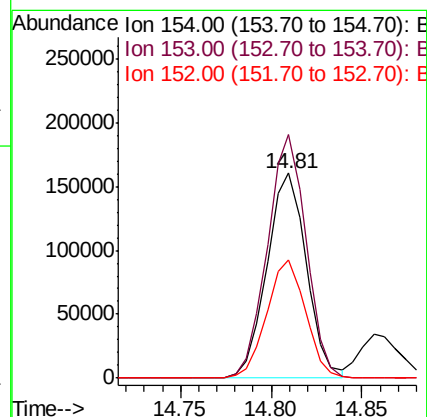
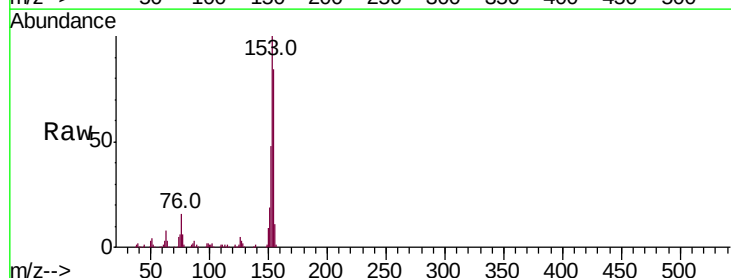
Delta R.T. -0.01 min

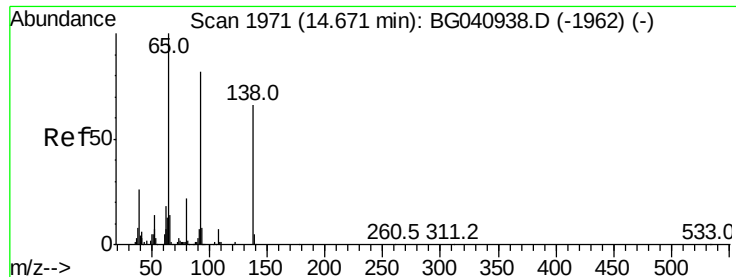
Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:154 Resp: 243425
Ion Ratio Lower Upper

154	100		
153	118.7	88.6	133.0
152	57.5	44.2	66.4





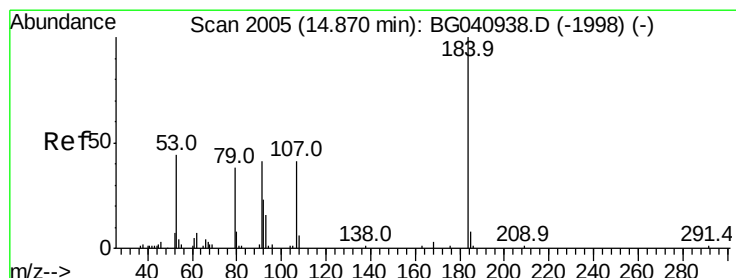
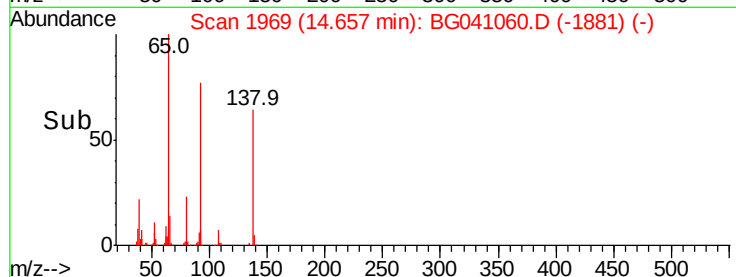
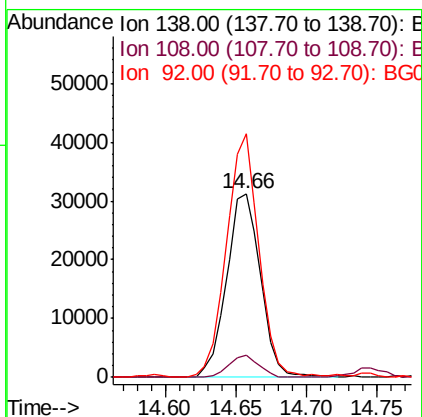
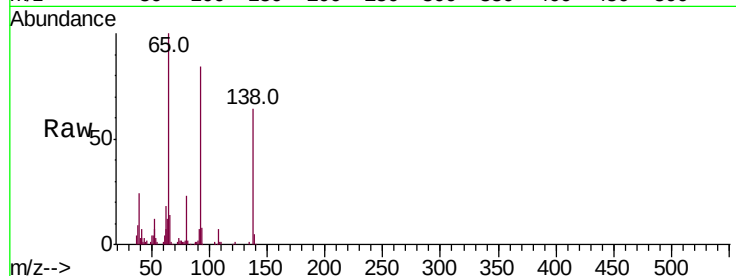
#53
3-Nitroaniline
Concen: 29.122 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.5	12.7
92	132.3	99.0	148.6

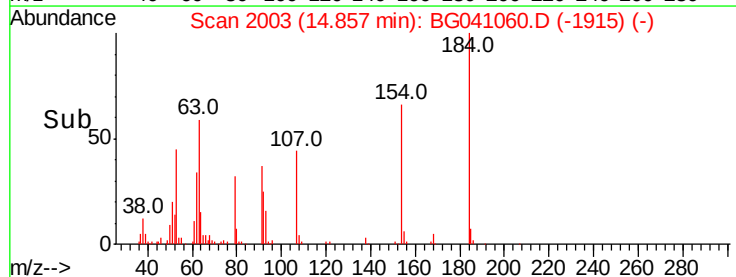
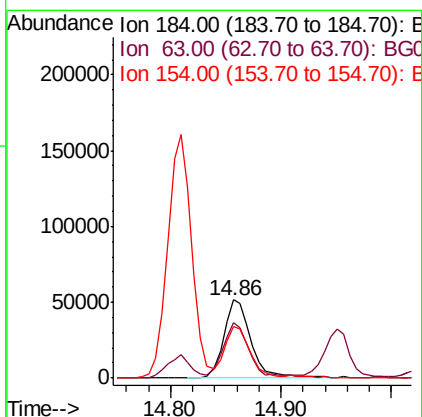
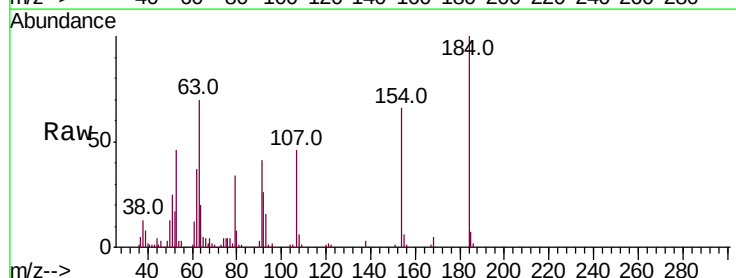
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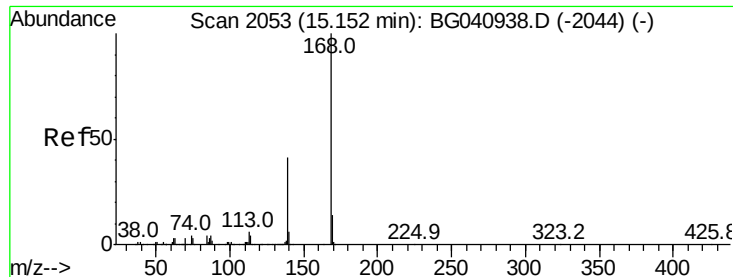
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#54
2,4-Dinitrophenol
Concen: 90.291 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.2	49.8	74.6
154	65.9	52.2	78.4





#55

Dibenzofuran

Concen: 44.738 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

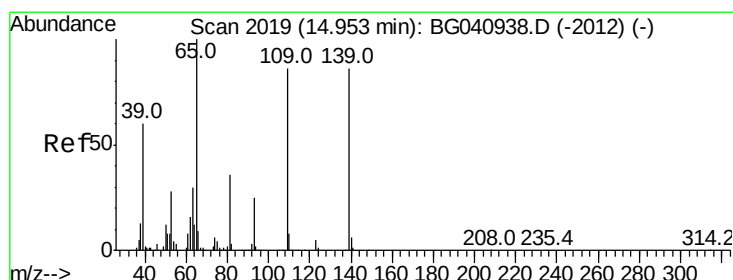
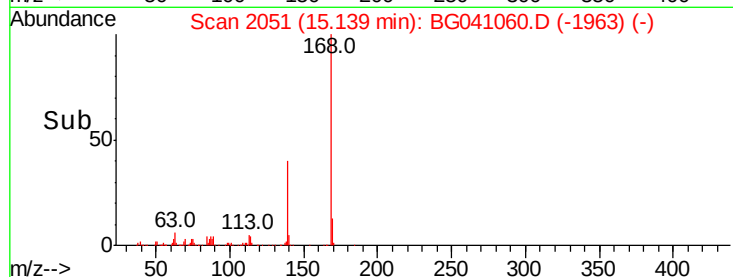
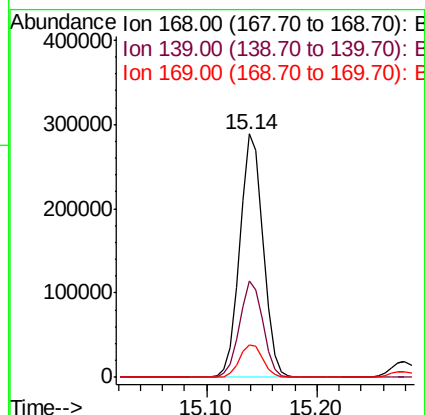
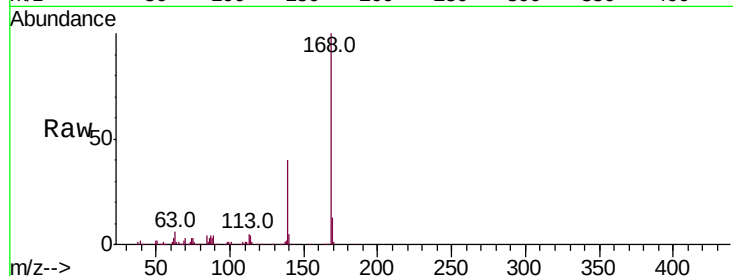
ClientSampleId :

PB120267BS

Tot Ion:	168	Resp:	428530
Ion Ratio	Lower	Upper	
168	100		
139	39.6	32.8	49.2
169	13.3	11.3	16.9

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#56

4-Nitrophenol

Concen: 110.818 ng

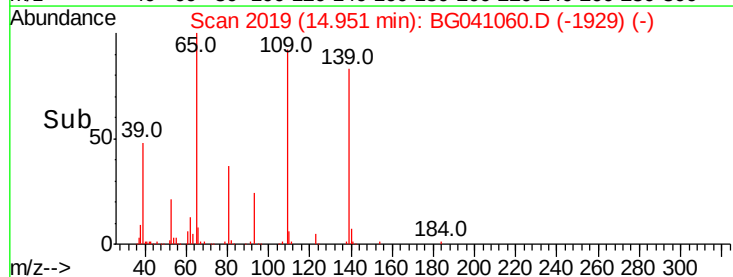
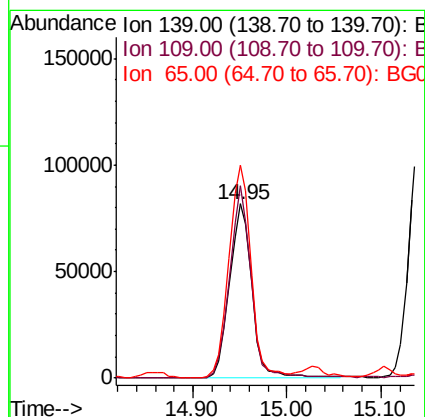
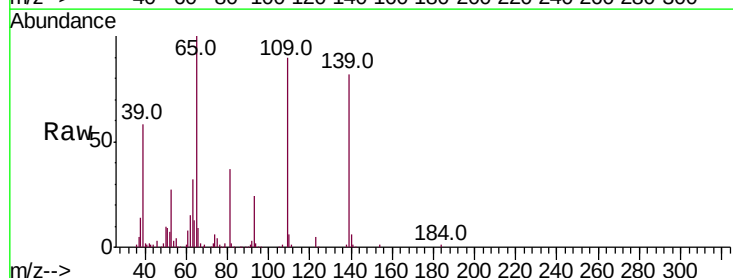
RT: 14.95 min Scan# 2019

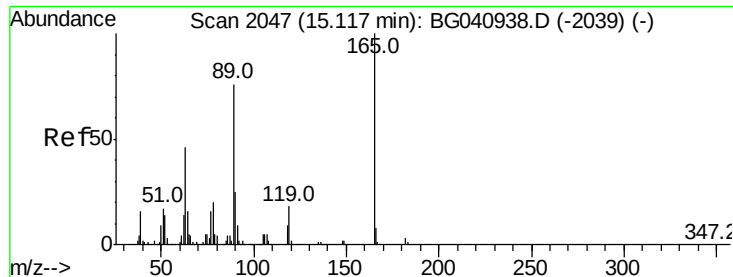
Delta R.T. -0.00 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	139	Resp:	136299
Ion Ratio	Lower	Upper	
139	100		
109	110.3	79.6	119.6
65	122.0	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.780 ng

RT: 15.10 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

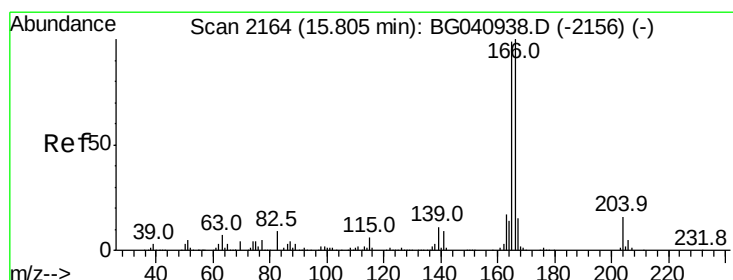
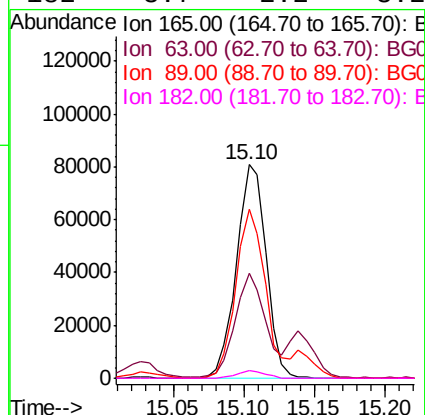
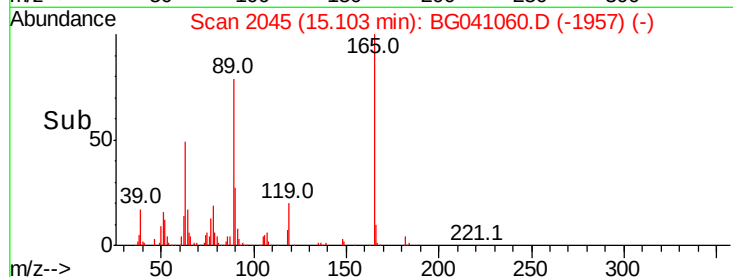
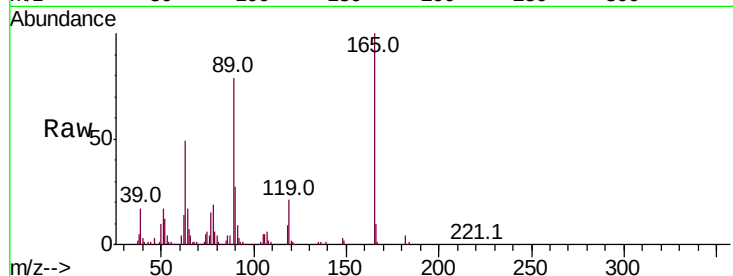
ClientSampleId :

PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.0	37.3	55.9	
89	79.4	61.0	91.6	
182	3.7	2.2	3.2	

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#58

Fluorene

Concen: 44.724 ng

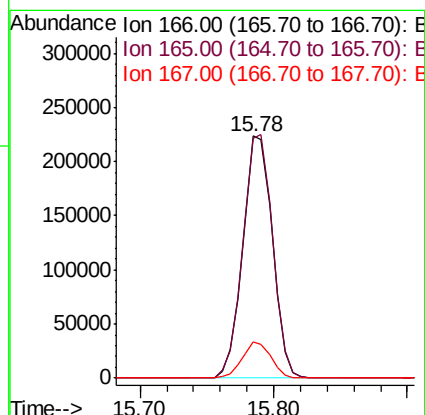
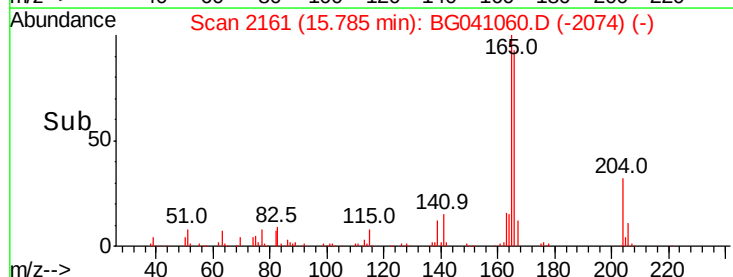
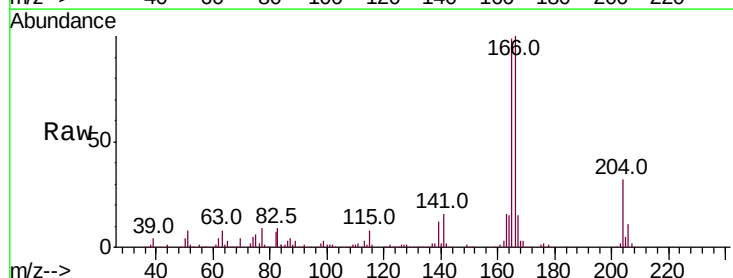
RT: 15.78 min Scan# 2161

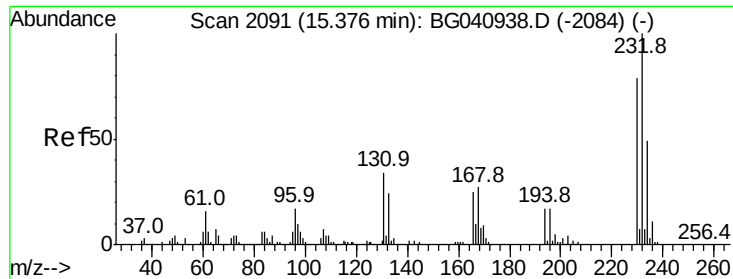
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	79.2	118.8	
167	15.0	11.8	17.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.522 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

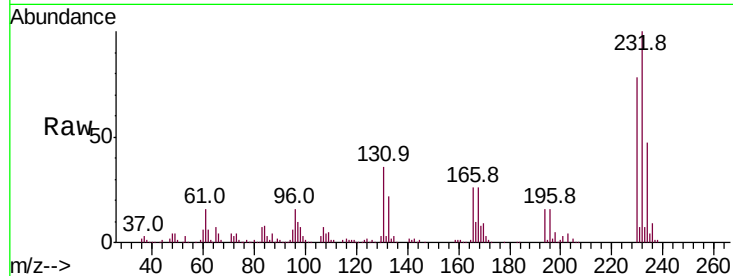
ClientSampleId :

PB120267BS

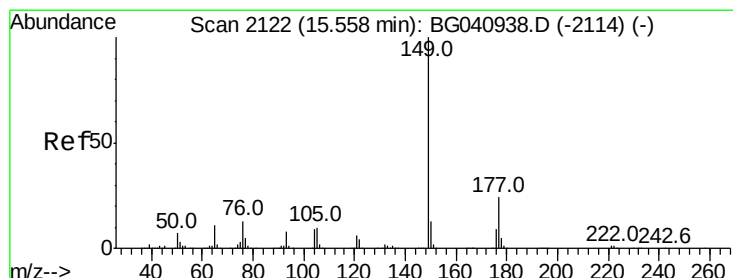
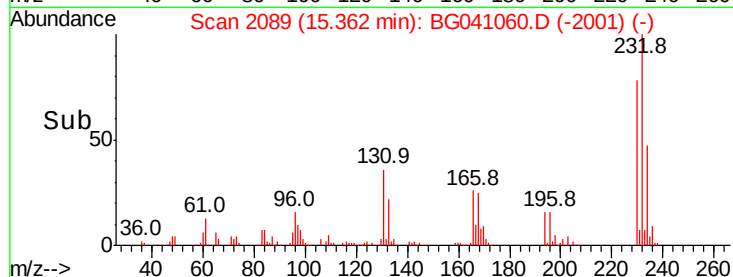
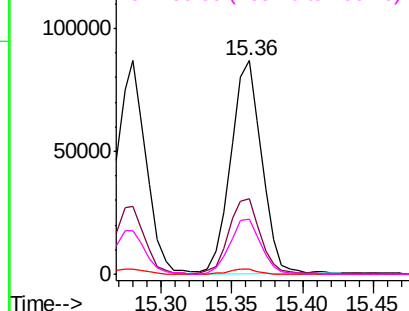
Tot Ion	Ratio	Resp	Lower	Upper
232	100	131489		
131	36.9	30.3	45.5	
130	2.3	1.8	2.8	
166	26.1	21.3	31.9	

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.588 ng

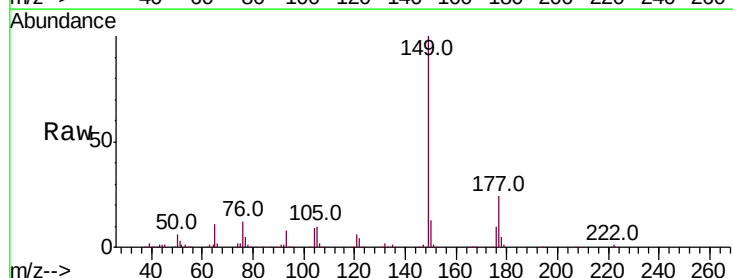
RT: 15.54 min Scan# 2120

Delta R.T. -0.01 min

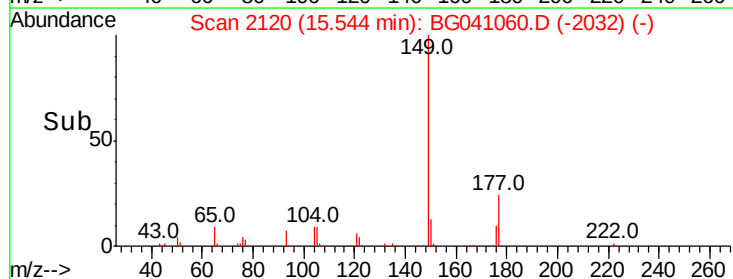
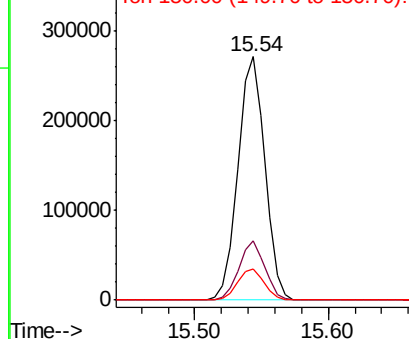
Lab File: BG041060.D

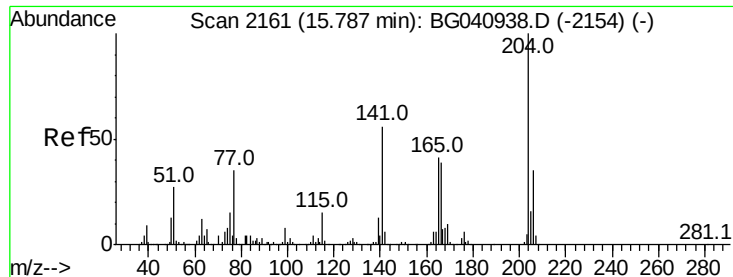
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	378451		
177	24.3	19.4	29.0	
150	12.5	10.3	15.5	



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





#61

4-Chlorophenyl-phenylether

Concen: 42.864 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

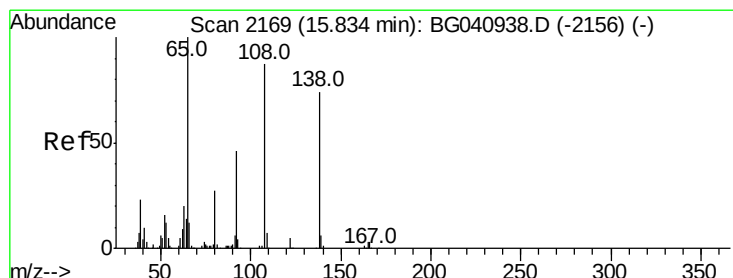
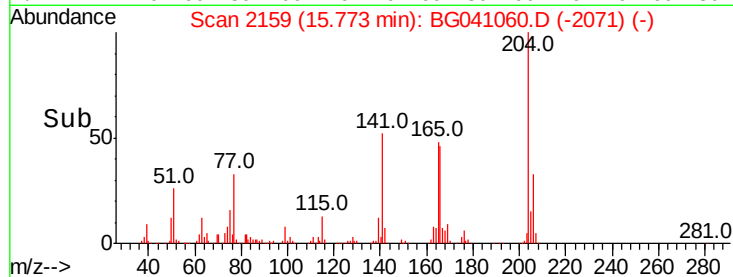
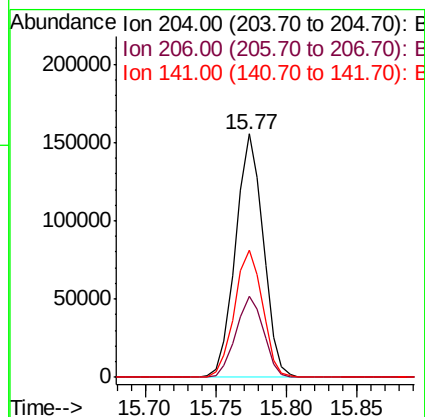
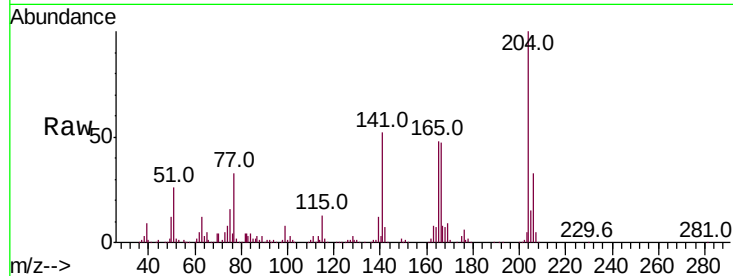
ClientSampleId :

PB120267BS

Tot Ion:	204	Resp:	212530
Ion Ratio	Lower	Upper	
204	100		
206	33.1	27.6	41.4
141	52.3	45.1	67.7

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#62

4-Nitroaniline

Concen: 46.190 ng

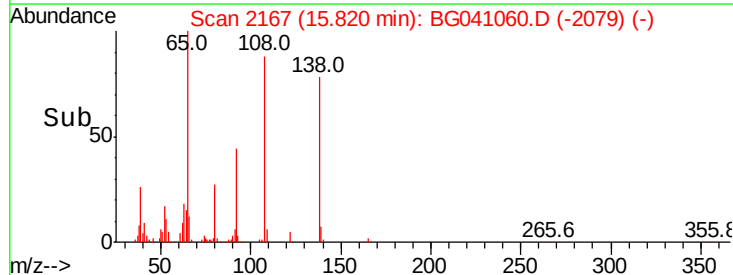
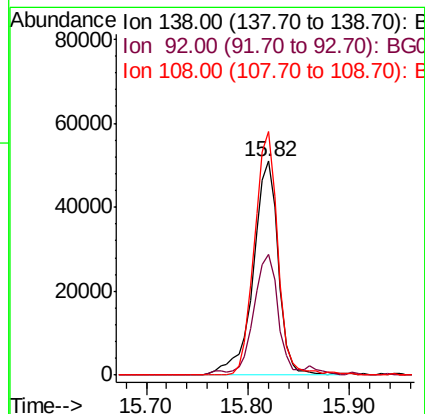
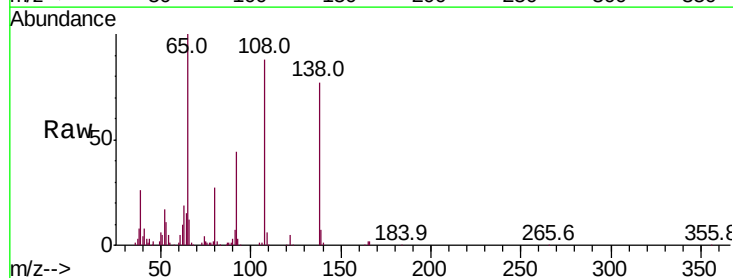
RT: 15.82 min Scan# 2167

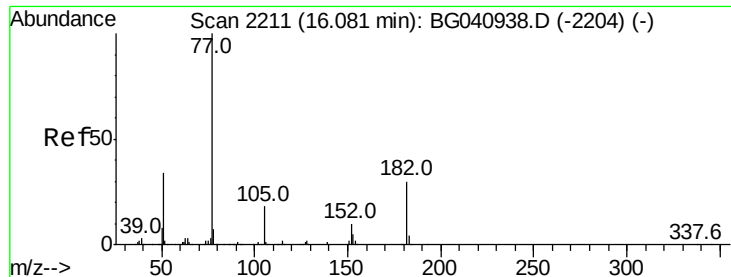
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	138	Resp:	87685
Ion Ratio	Lower	Upper	
138	100		
92	56.5	42.4	82.4
108	113.9	96.9	136.9





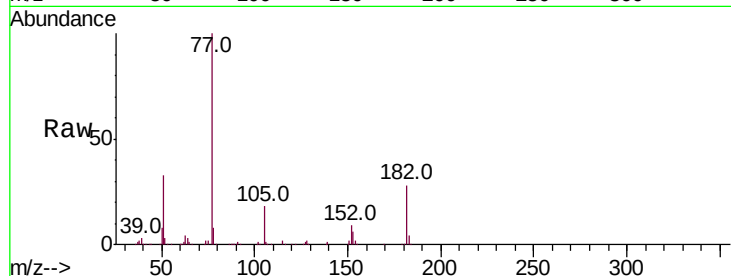
#63
Azobenzene
Concen: 44.671 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

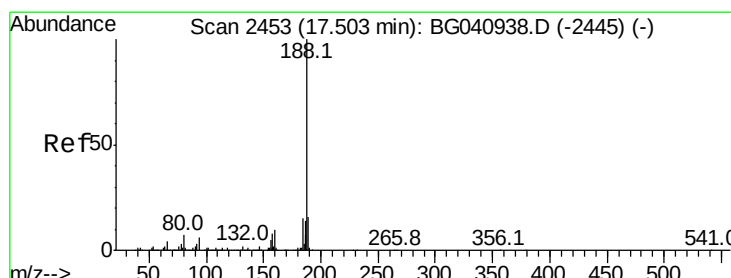
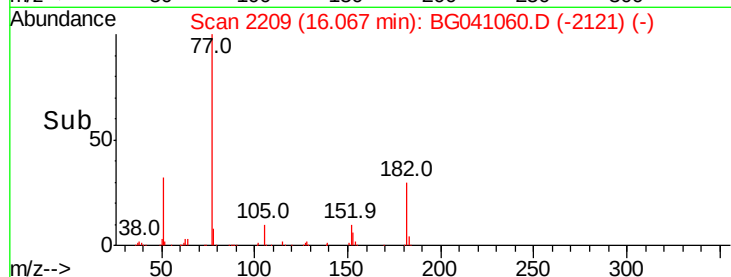
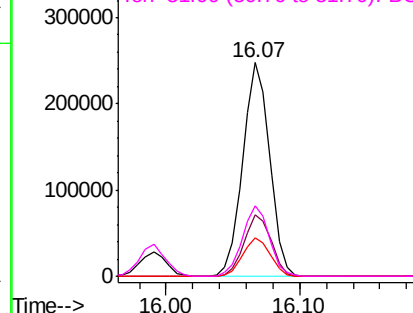
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.5	9.6	49.6		
105	17.9	0.0	37.5		
51	32.9	13.7	53.7		

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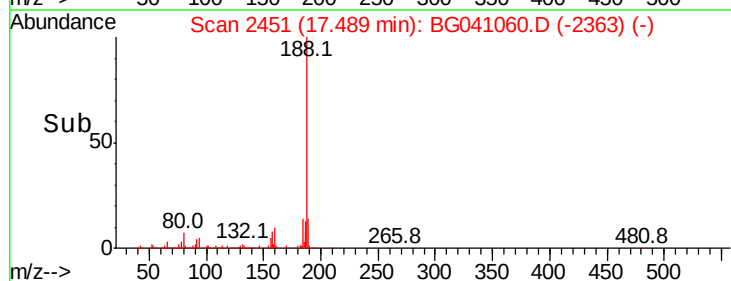
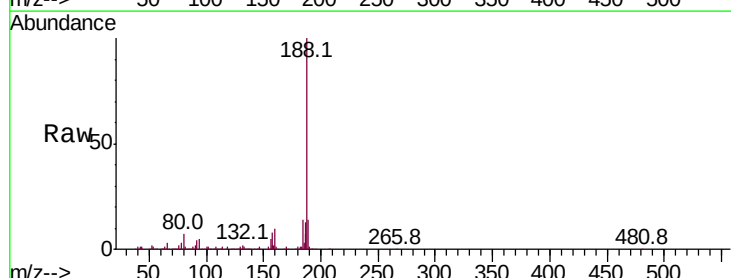
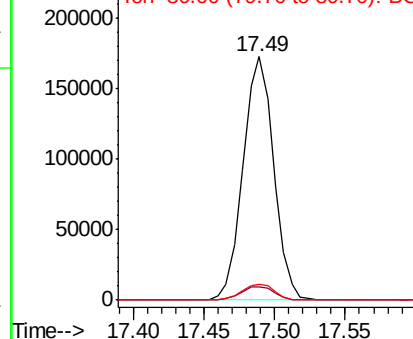
Abundance Ion 77.00 (76.70 to 77.70): BG041060.D (-2121) (-)
Ion 182.00 (181.70 to 182.70): BG041060.D (-2121) (-)
Ion 105.00 (104.70 to 105.70): BG041060.D (-2121) (-)
Ion 51.00 (50.70 to 51.70): BG041060.D (-2121) (-)

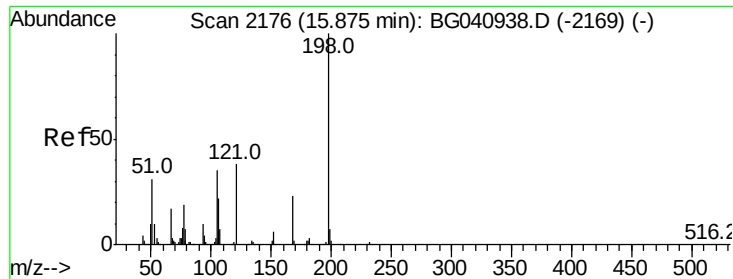


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.2	4.7	7.1		
80	6.7	5.8	8.8		

Abundance Ion 188.00 (187.70 to 188.70): BG041060.D (-2363) (-)
Ion 94.00 (93.70 to 94.70): BG041060.D (-2363) (-)
Ion 80.00 (79.70 to 80.70): BG041060.D (-2363) (-)





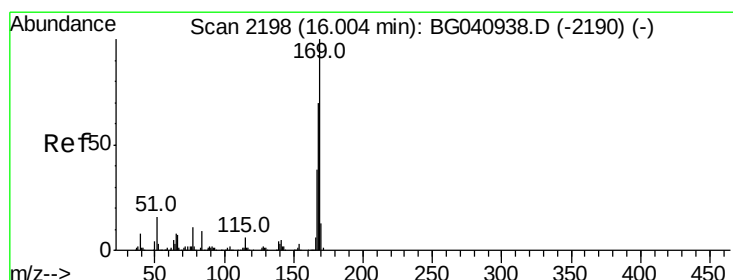
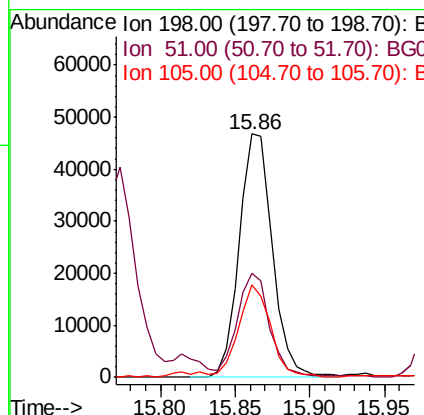
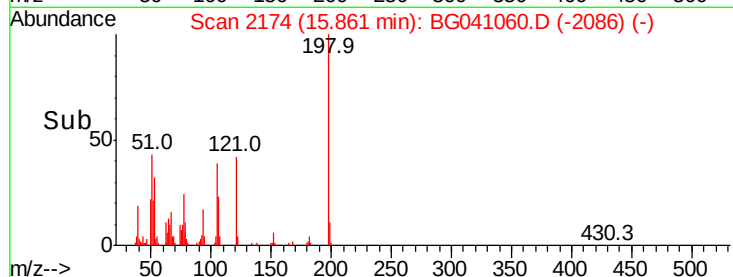
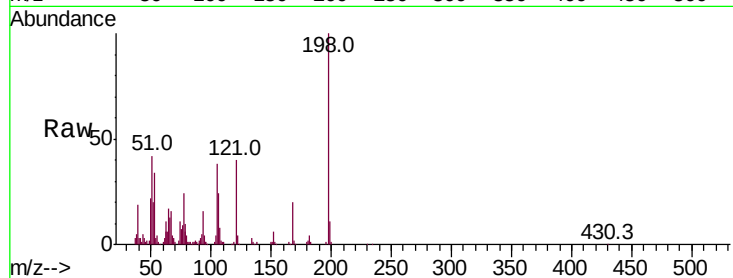
#65
4,6-Dinitro-2-methylphenol
Concen: 51.108 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.5	21.6	61.6
105	37.8	17.5	57.5

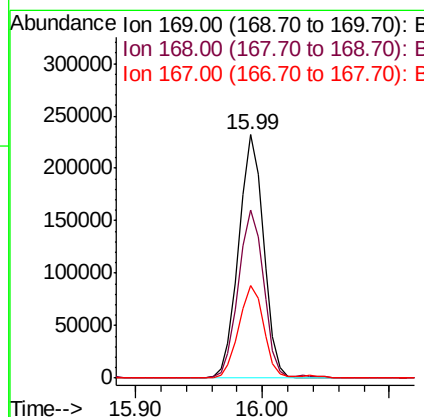
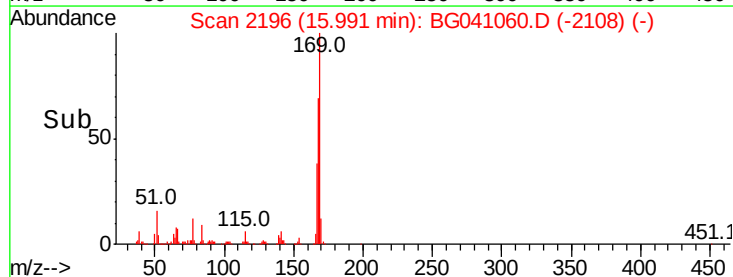
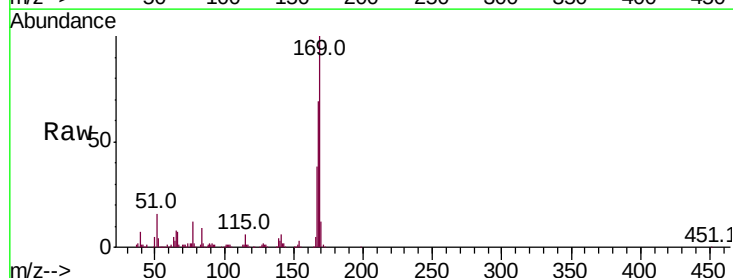
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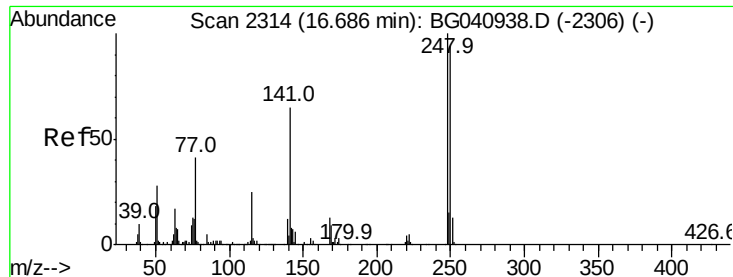
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#66
n-Nitrosodiphenylamine
Concen: 42.914 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.7	83.5
167	38.2	30.2	45.2





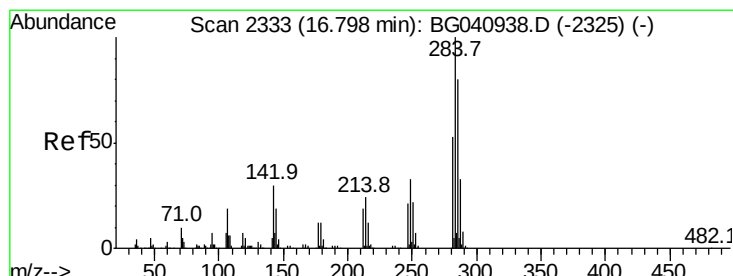
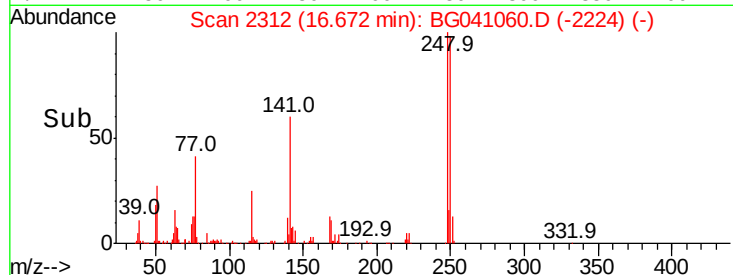
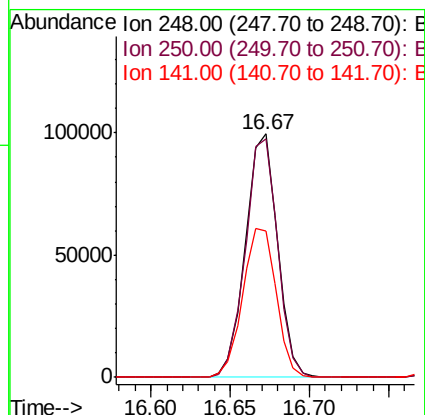
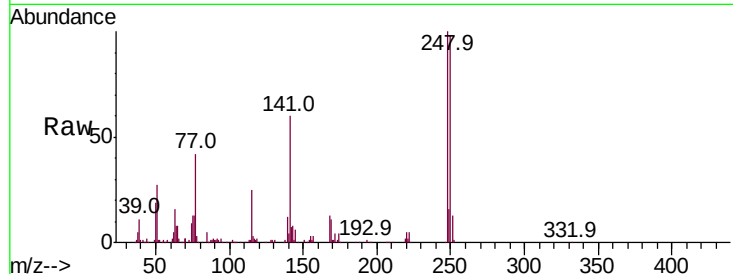
#67
4-Bromophenyl-phenylether
Concen: 39.659 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.0	75.0	112.4	
141	59.9	52.4	78.6	

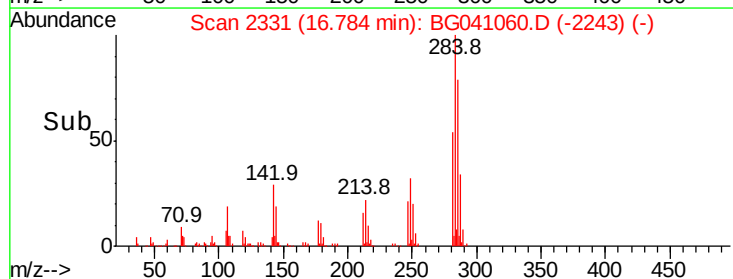
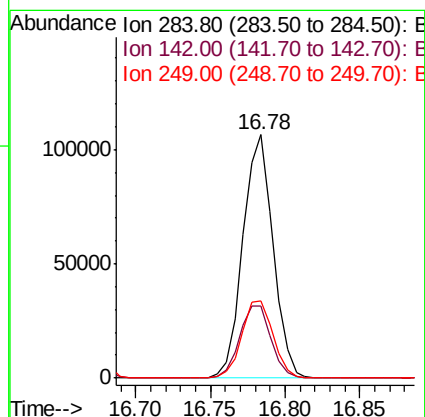
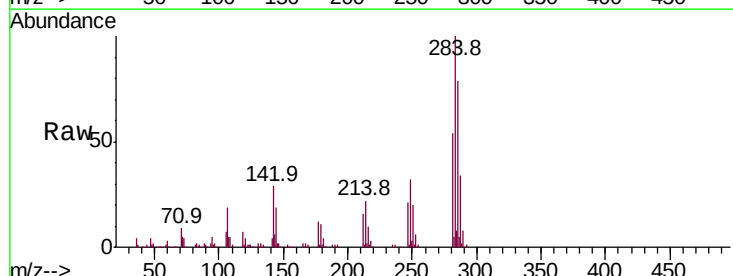
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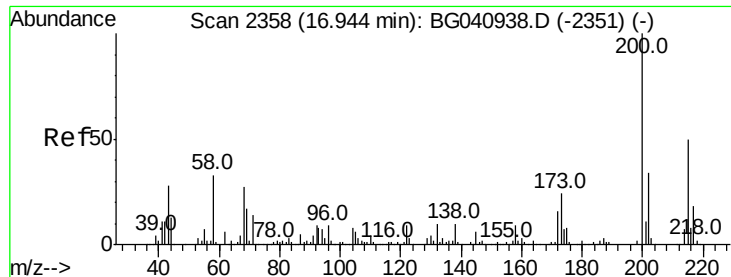
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#68
Hexachlorobenzene
Concen: 39.529 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.4	23.9	35.9	
249	32.0	26.8	40.2	





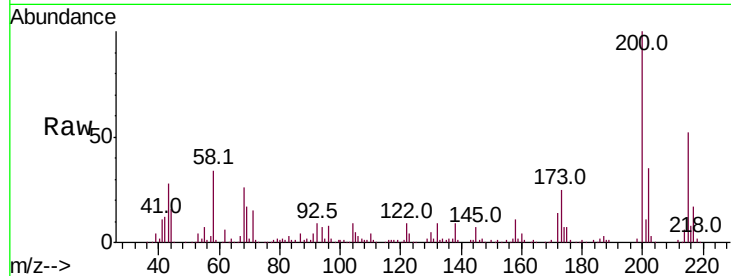
#69
Atrazine
Concen: 48.136 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.5	3.6	43.6
215	51.9	29.6	69.6

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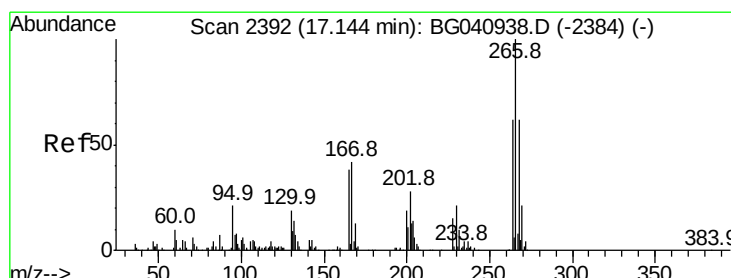
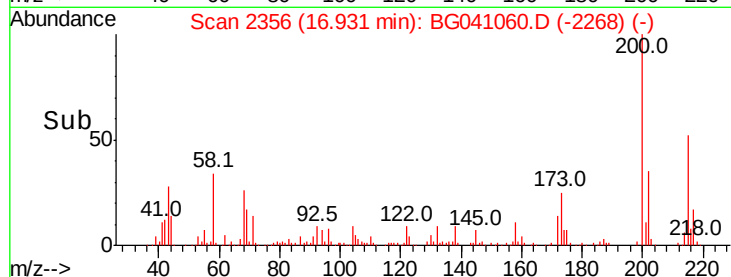
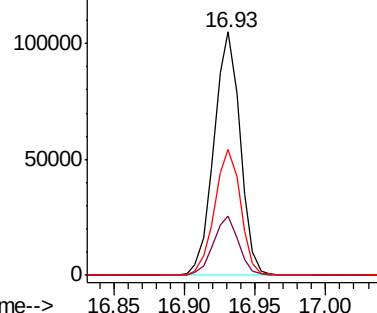


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.686 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

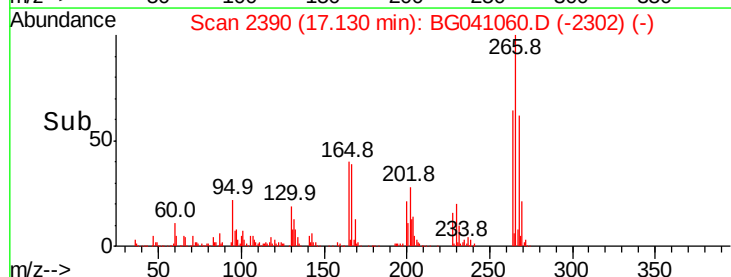
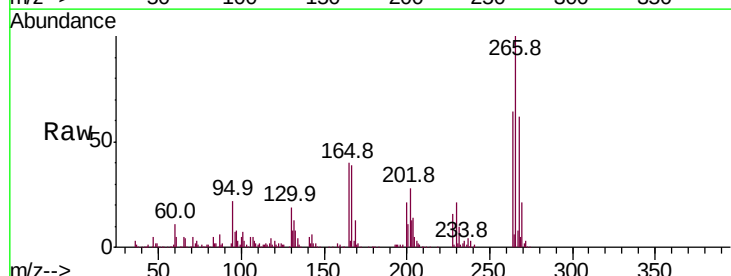
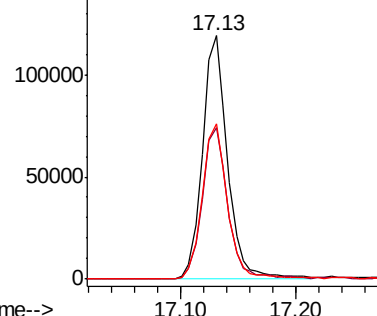
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.1	53.1	79.7
264	63.9	49.9	74.9

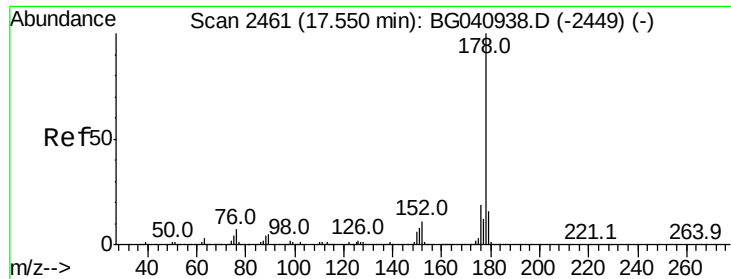
Abundance

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





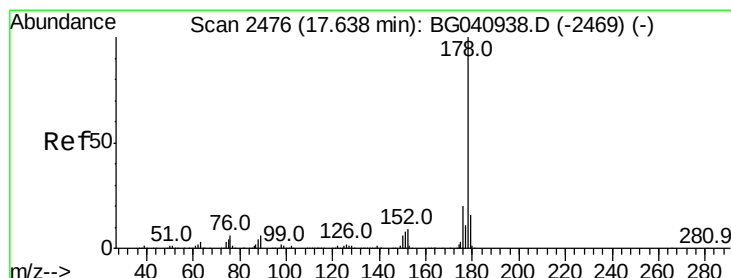
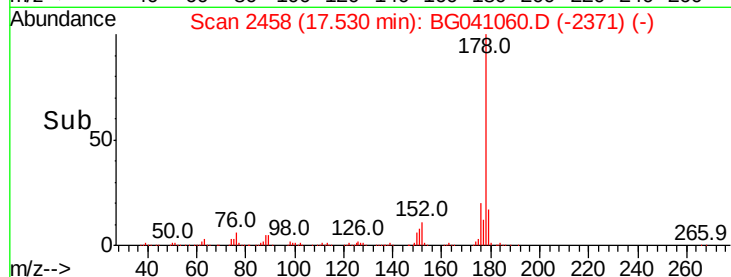
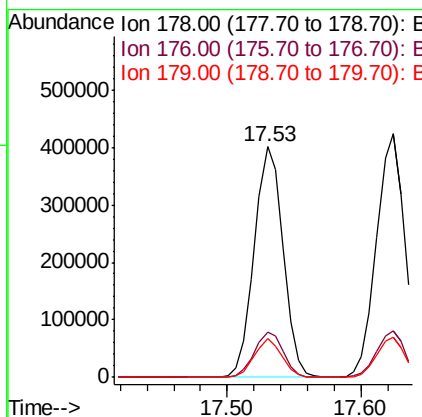
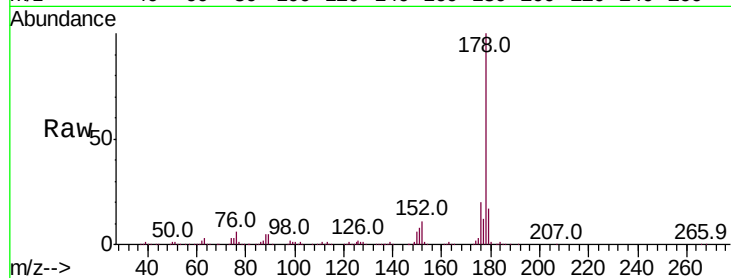
#71
Phenanthrene
Concen: 43.853 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.8	12.7	19.1

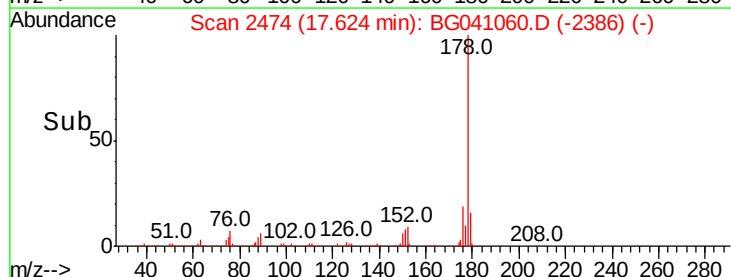
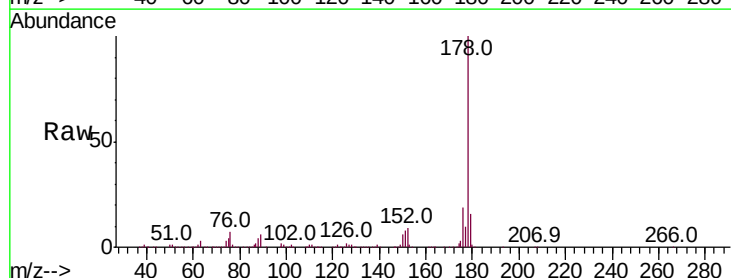
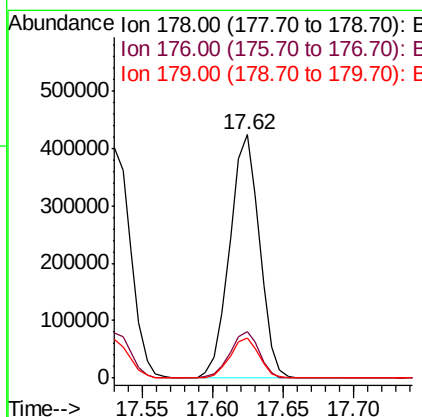
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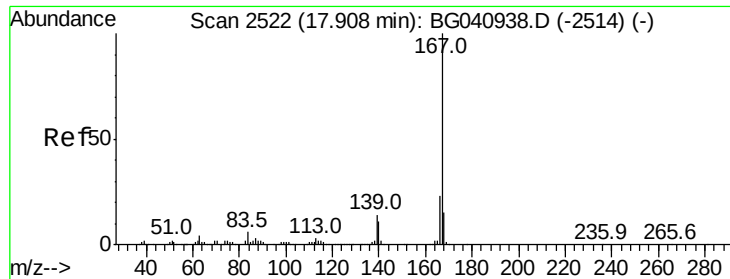
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#72
Anthracene
Concen: 46.145 ng
RT: 17.62 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.5	13.0	19.4





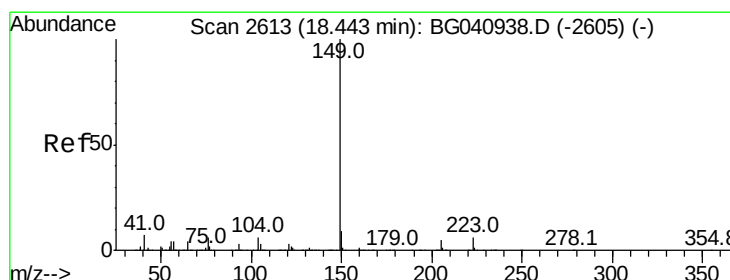
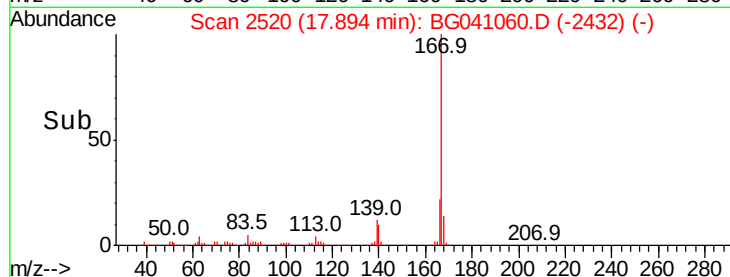
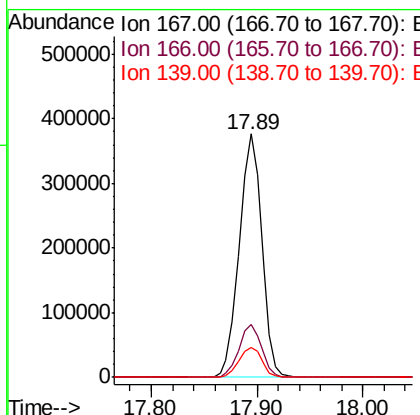
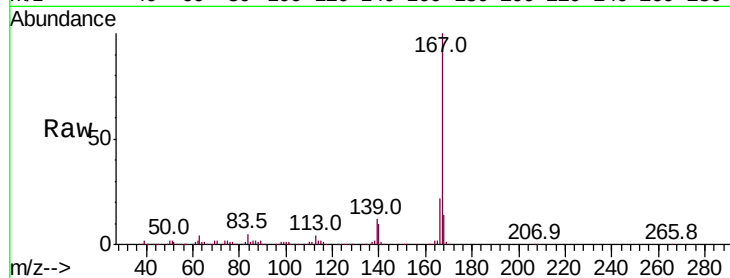
#73
 Carbazole
 Concen: 48.053 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	553571		
166	21.8		18.2	27.4
139	12.3		10.8	16.2

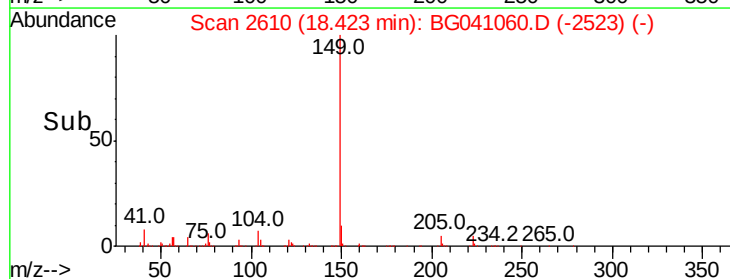
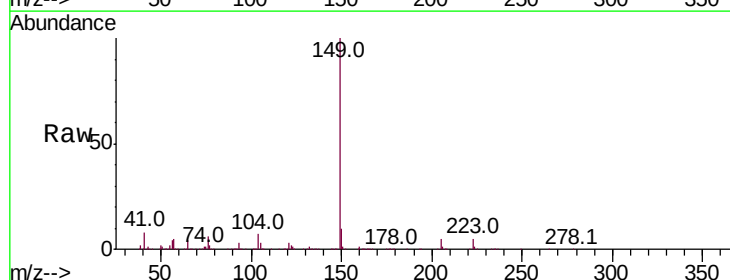
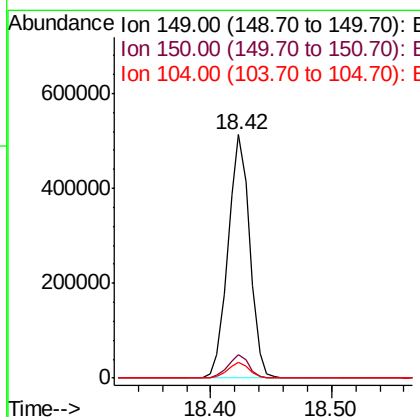
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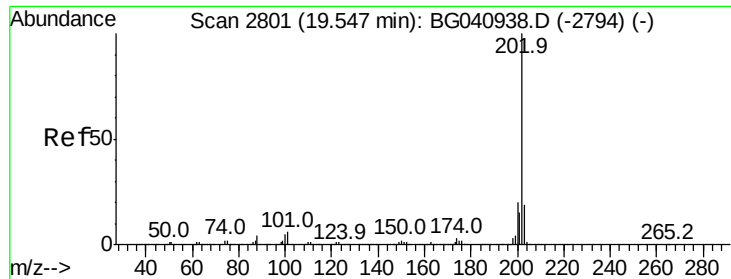
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#74
 Di-n-butylphthalate
 Concen: 44.657 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	639397		
150	9.7		7.4	11.2
104	6.7		5.0	7.4





#75

Fluoranthene

Concen: 47.392 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

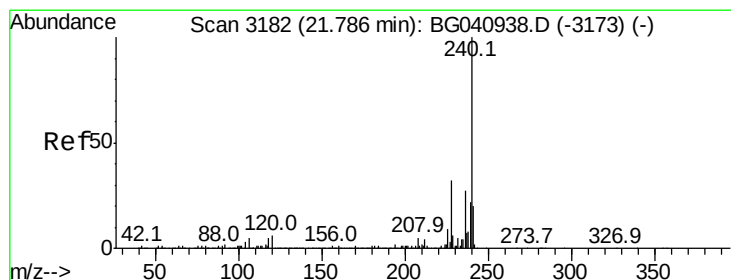
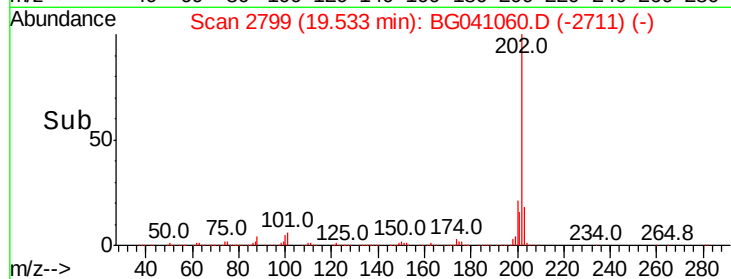
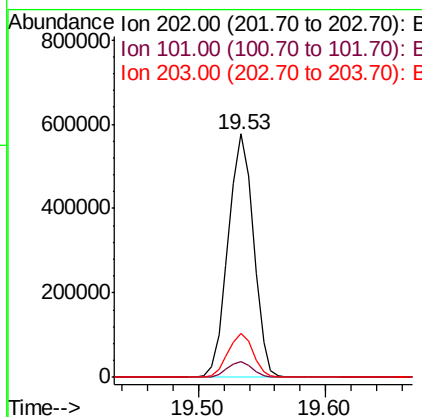
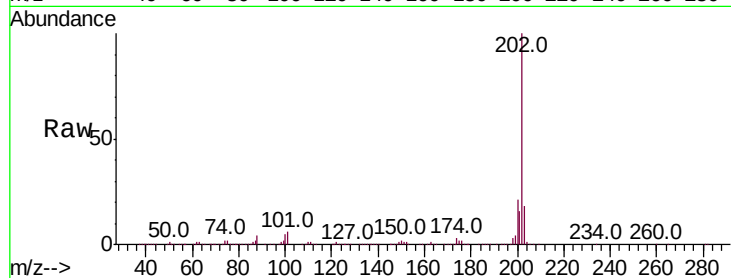
ClientSampleId :

PB120267BS

Tot Ion:	202	Resp:	796855
Ion Ratio		Lower	Upper
202	100		
101	6.4	0.0	26.2
203	18.1	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

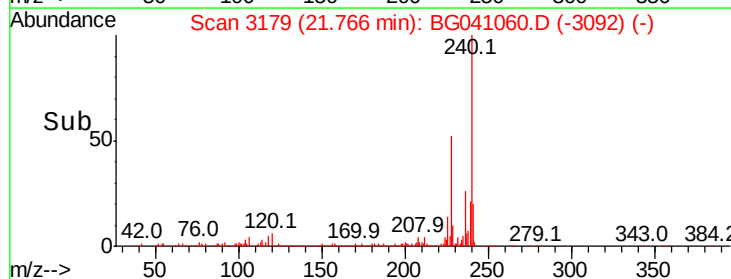
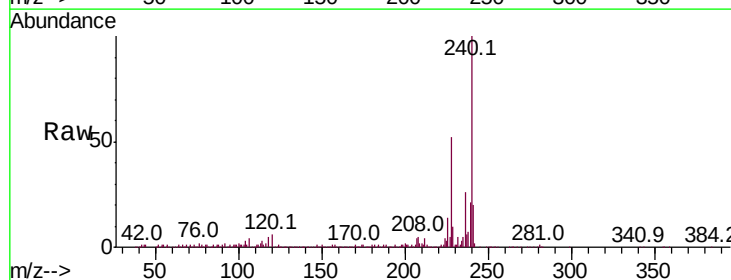
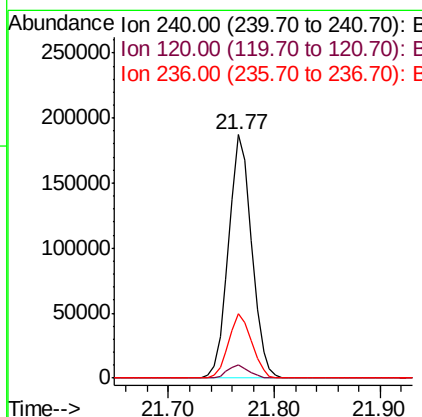
RT: 21.77 min Scan# 3179

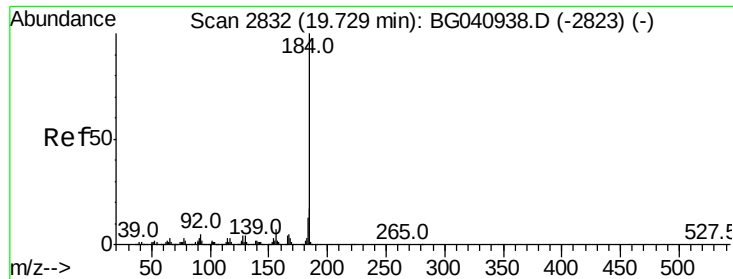
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	240	Resp:	282892
Ion Ratio		Lower	Upper
240	100		
120	5.5	4.5	6.7
236	26.4	21.3	31.9





#77

Benzidine

Concen: 48.163 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

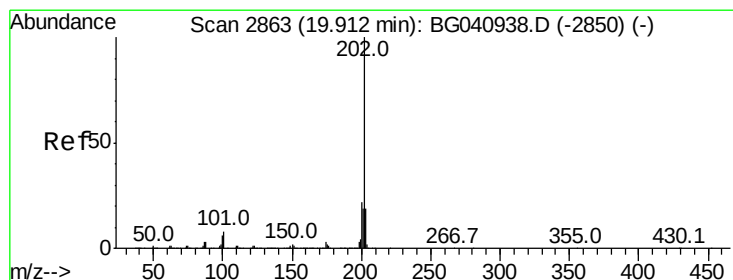
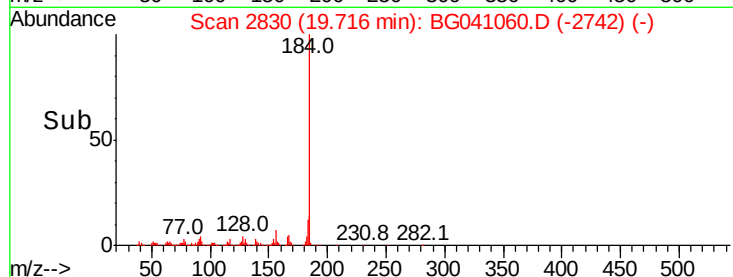
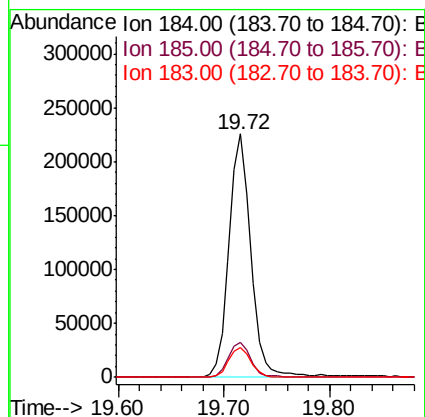
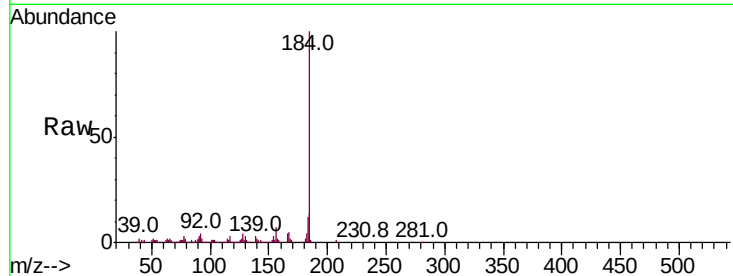
ClientSampleId :

PB120267BS

Tot Ion:	184	Resp:	325024
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.3	19.9
183	12.3	10.7	16.1

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#78

Pyrene

Concen: 43.453 ng

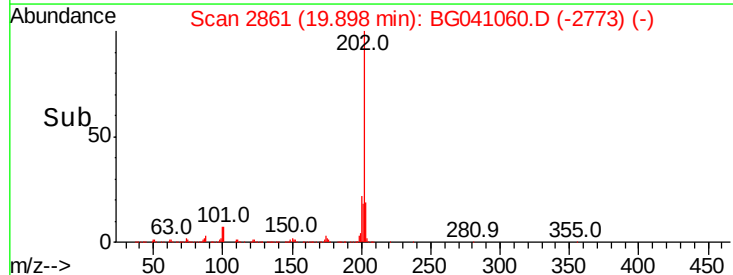
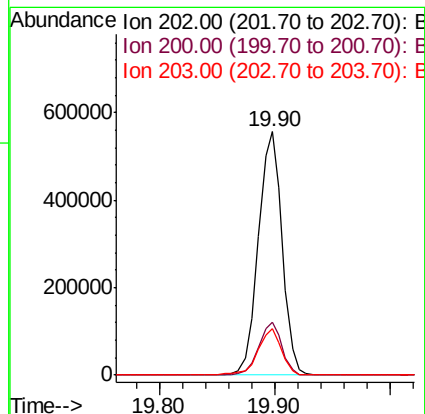
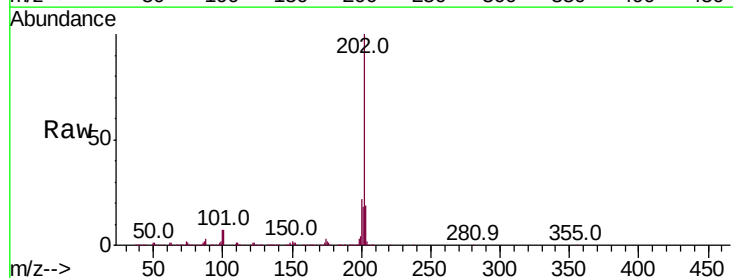
RT: 19.90 min Scan# 2861

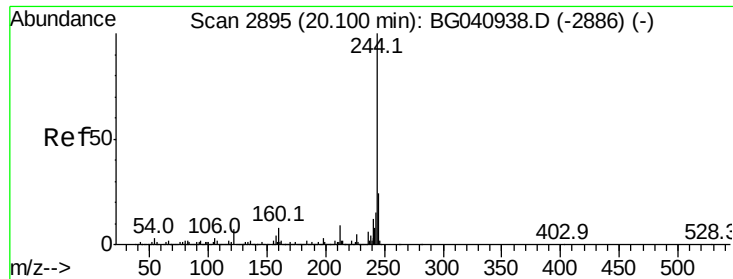
Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	202	Resp:	799098
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.5	26.3
203	19.1	15.6	23.4





#79

Terphenyl-d14

Concen: 86.262 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tot Ion:244 Resp: 1149802

Ion Ratio Lower Upper

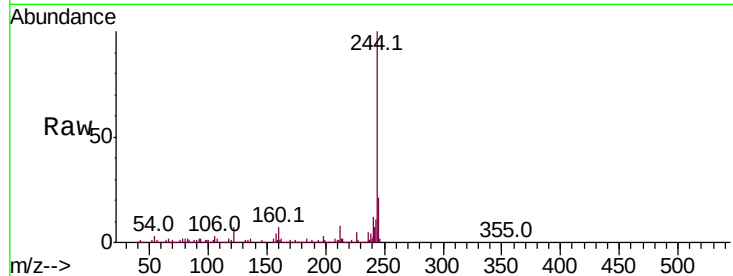
244 100

212 8.4 7.0 10.4

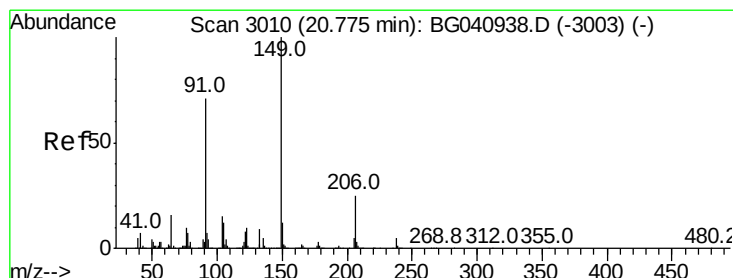
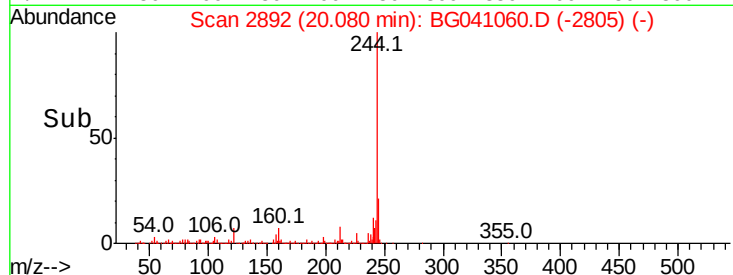
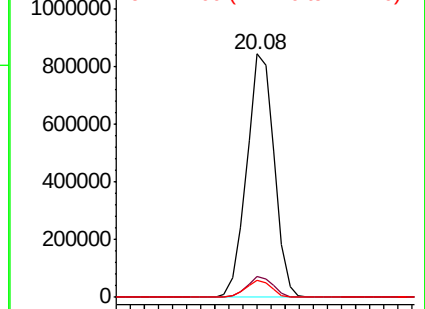
122 6.8 5.4 8.0

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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



#80

Butylbenzylphthalate

Concen: 42.355 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

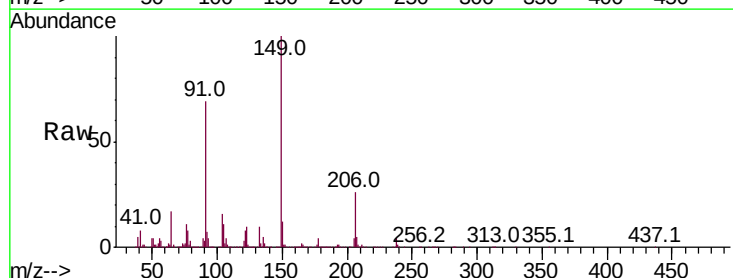
Tgt Ion:149 Resp: 303112

Ion Ratio Lower Upper

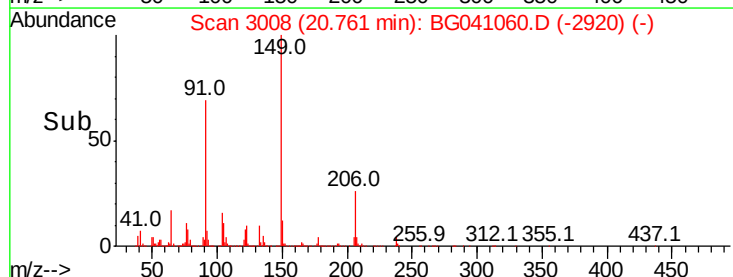
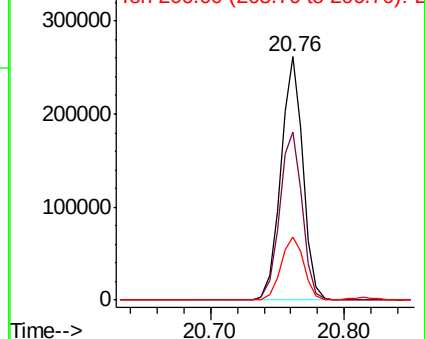
149 100

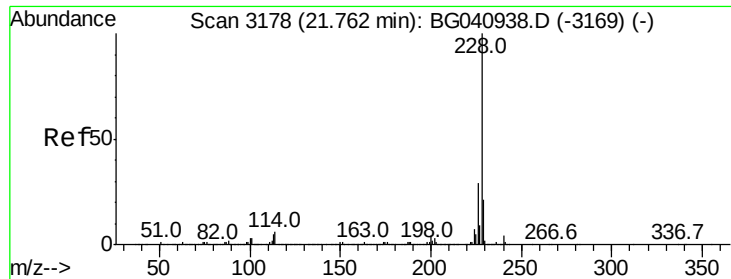
91 68.9 56.5 84.7

206 26.1 20.3 30.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





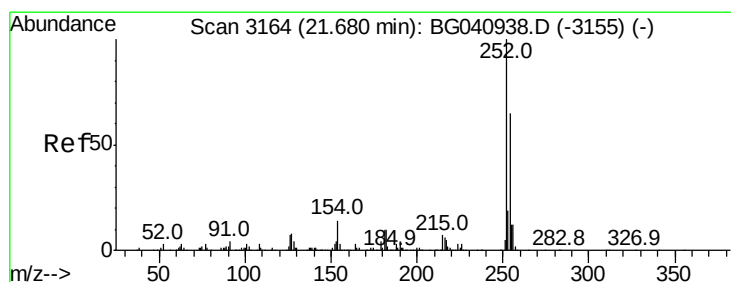
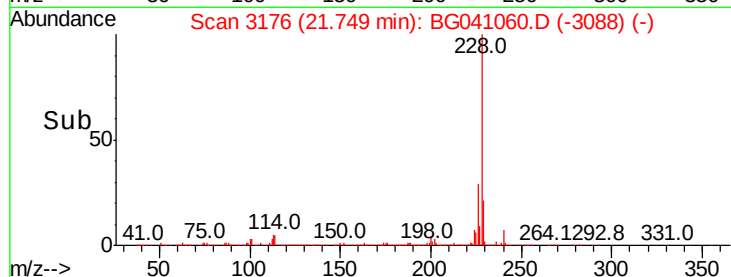
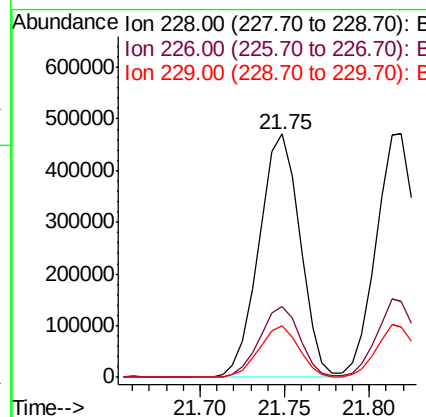
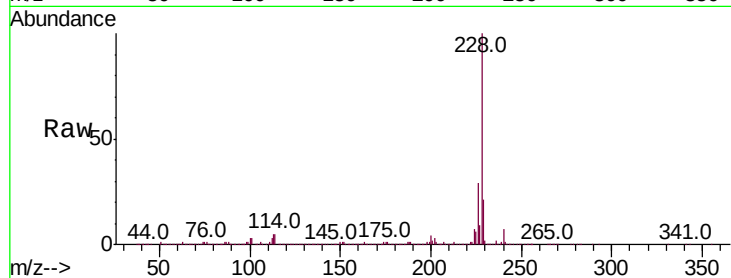
#81
Benzo(a)anthracene
Concen: 42.250 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	21.0	16.7	25.1

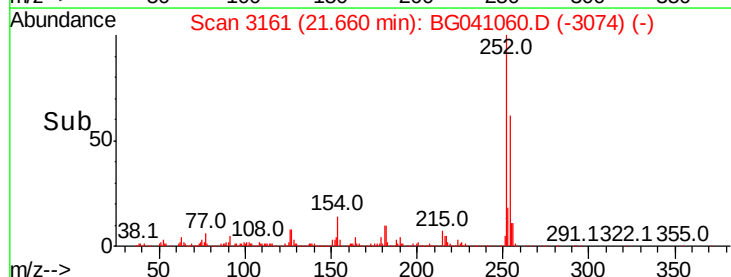
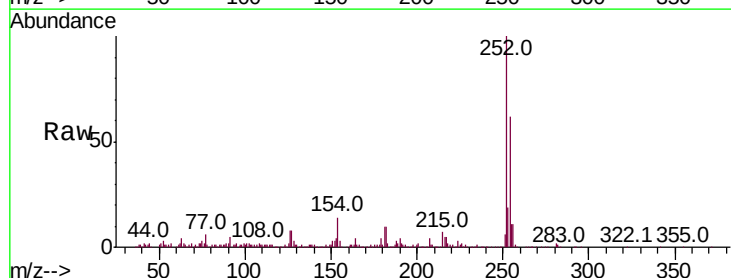
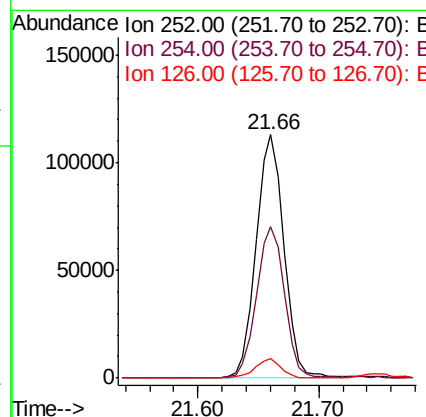
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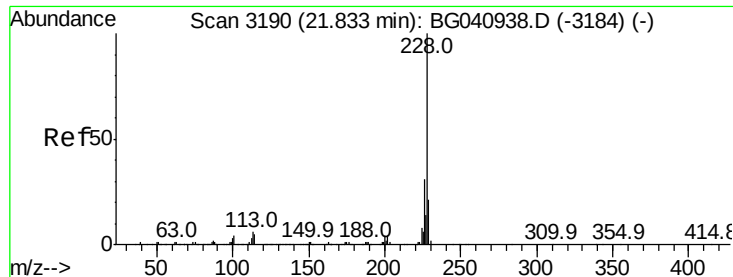
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#82
3,3'-Dichlorobenzidine
Concen: 27.533 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	52.1	78.1
126	7.8	5.5	8.3





#83

Chrysene

Concen: 43.502 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

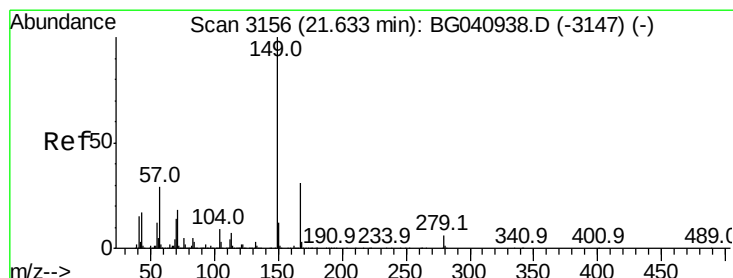
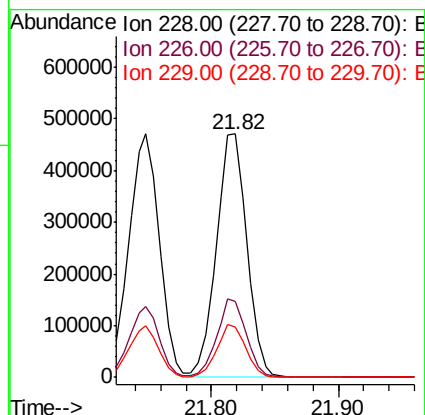
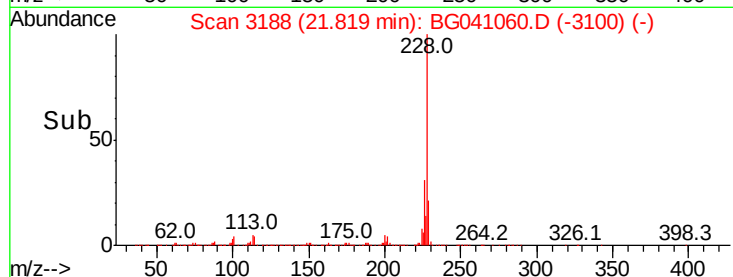
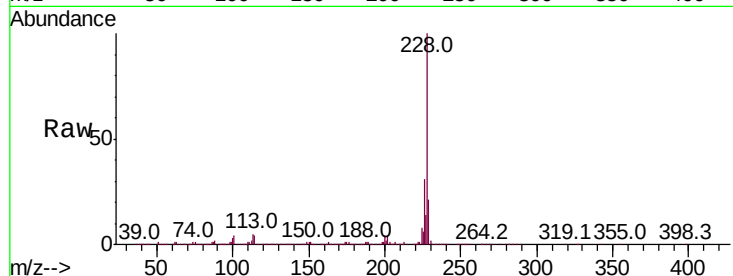
ClientSampleId :

PB120267BS

Tot Ion:	228	Resp:	783922
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	37.0
229	20.9	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.810 ng

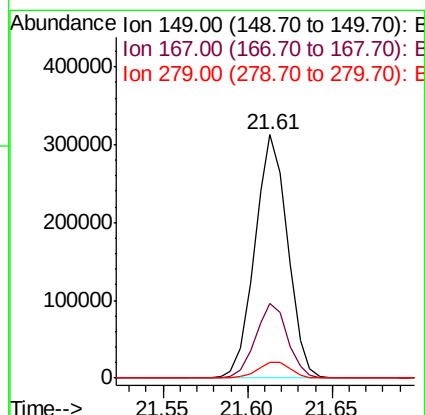
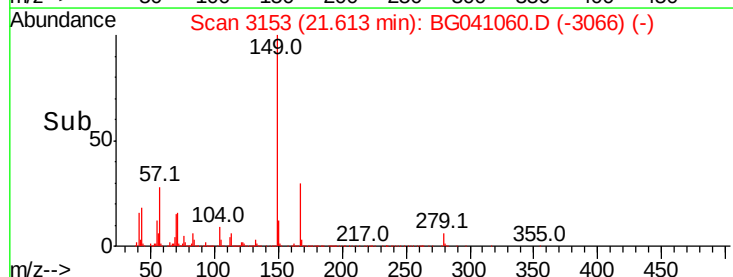
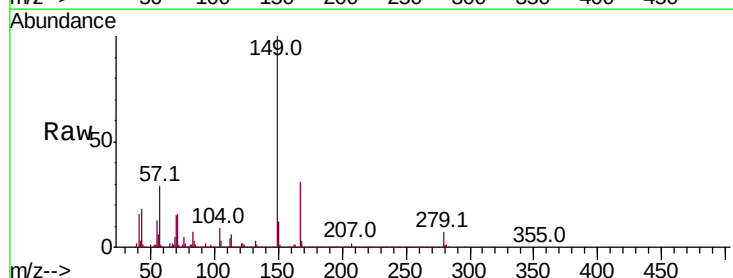
RT: 21.61 min Scan# 3153

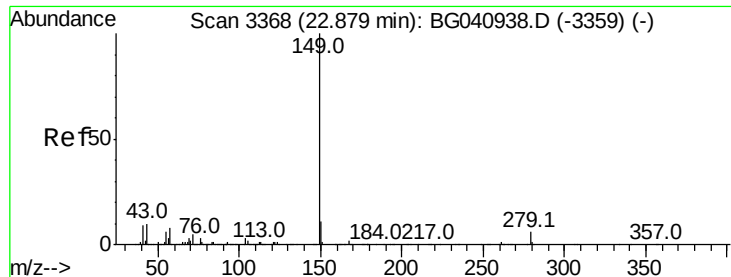
Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	149	Resp:	421211
Ion Ratio	Lower	Upper	
149	100		
167	30.6	24.6	37.0
279	6.6	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 43.823 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

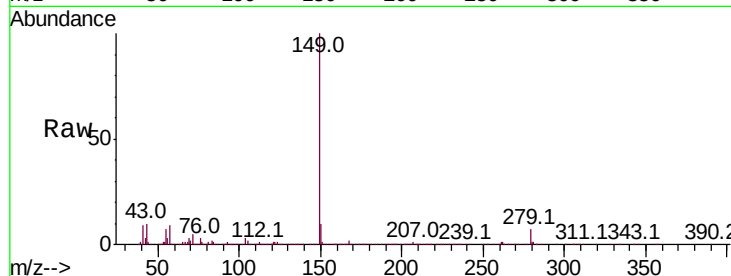
ClientSampleID :

PB120267BS

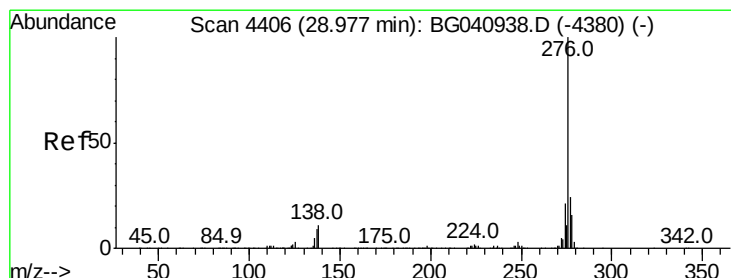
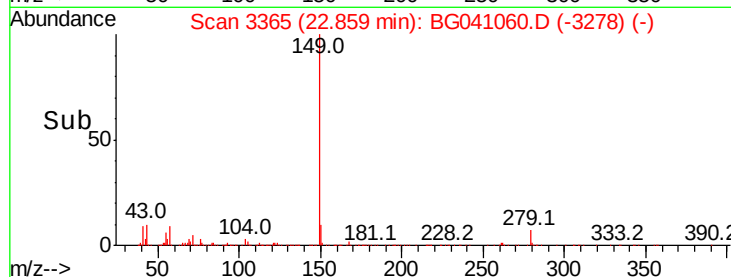
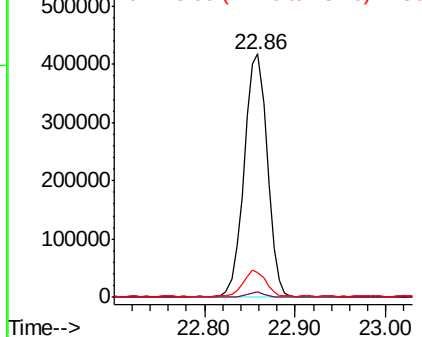
Tot Ion:	149	Resp:	735277
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	10.6	8.1	12.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.740 ng

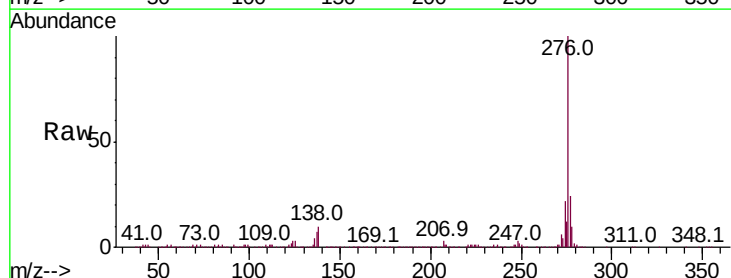
RT: 28.93 min Scan# 4398

Delta R.T. -0.05 min

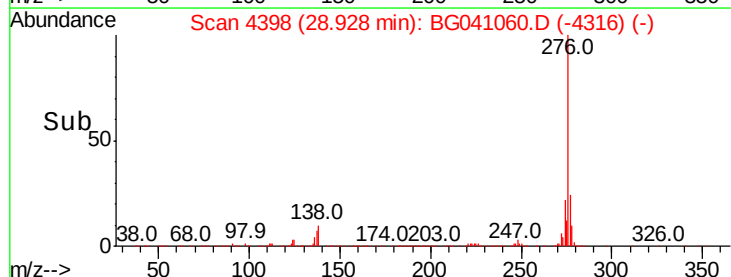
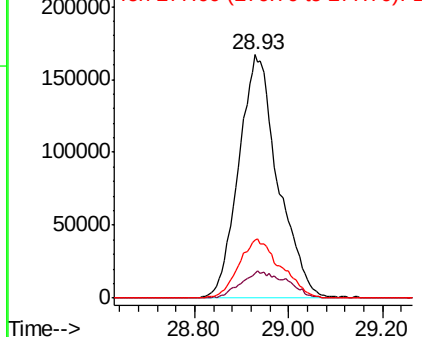
Lab File: BG041060.D

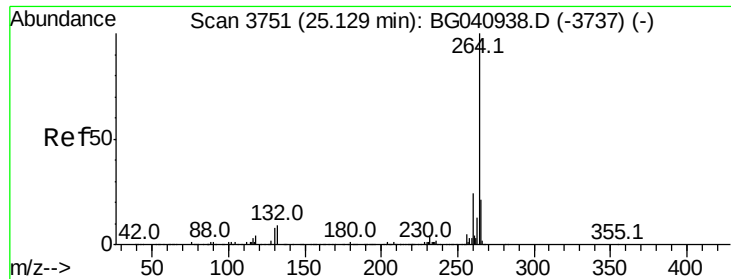
Acq: 4 Jun 2019 16:19

Tgt Ion:	276	Resp:	965550
Ion Ratio	Lower	Upper	
276	100		
138	12.9	5.7	8.5#
277	26.0	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3747

Delta R.T. -0.03 min

Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Instrument :

BNA_G

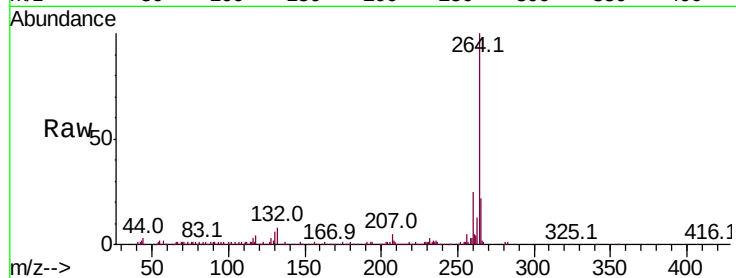
ClientSampleId :

PB120267BS

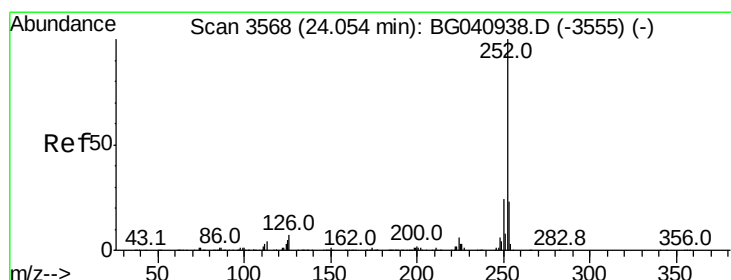
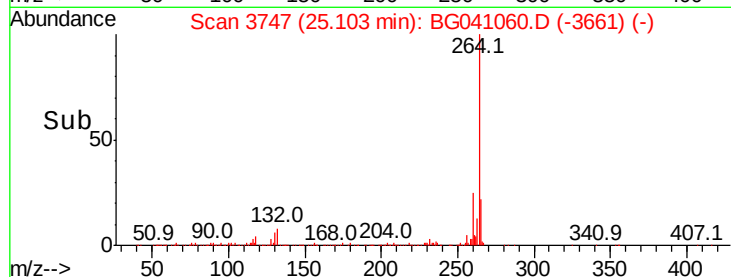
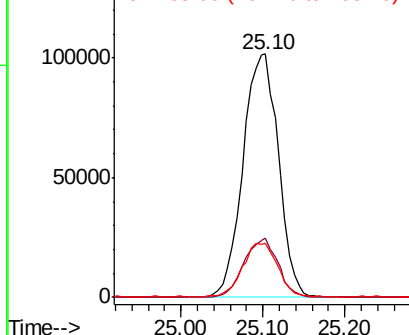
Tot Ion:	264	Resp:	306526
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.0	28.4
265	22.3	17.0	25.4

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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



#88

Benzo(b)fluoranthene

Concen: 43.573 ng

RT: 24.03 min Scan# 3565

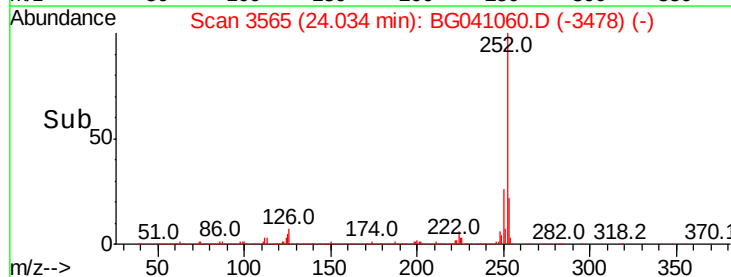
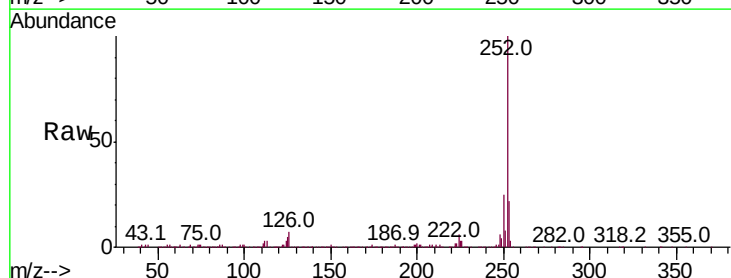
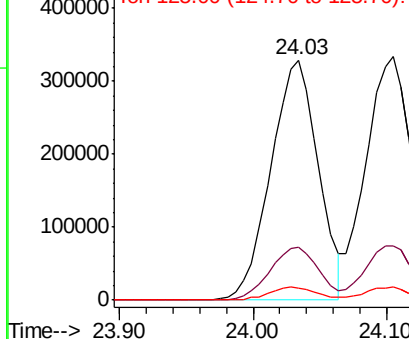
Delta R.T. -0.02 min

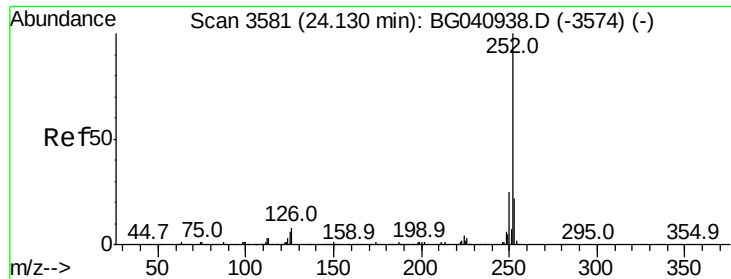
Lab File: BG041060.D

Acq: 4 Jun 2019 16:19

Tgt Ion:	252	Resp:	810108
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	5.1	4.3	6.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





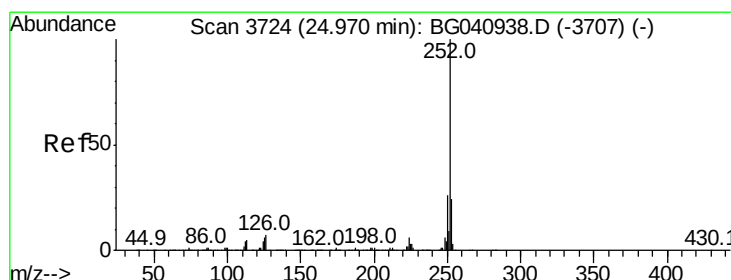
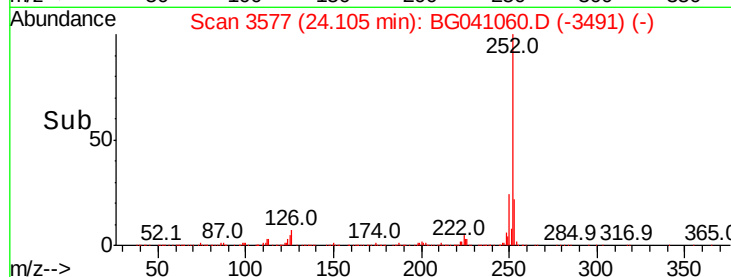
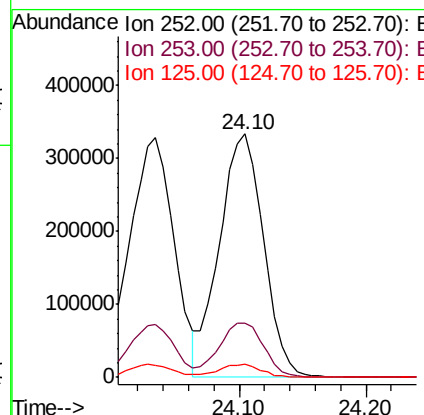
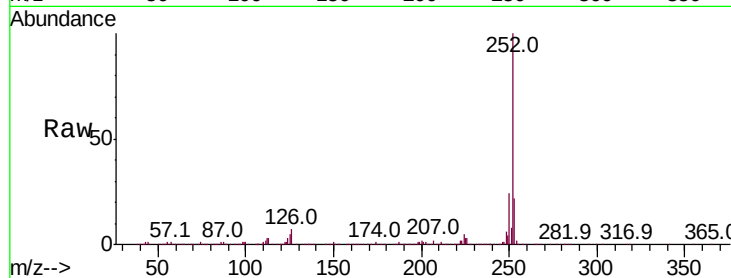
#89
Benzo(k)fluoranthene
Concen: 43.692 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.03 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	5.3	4.7	7.1

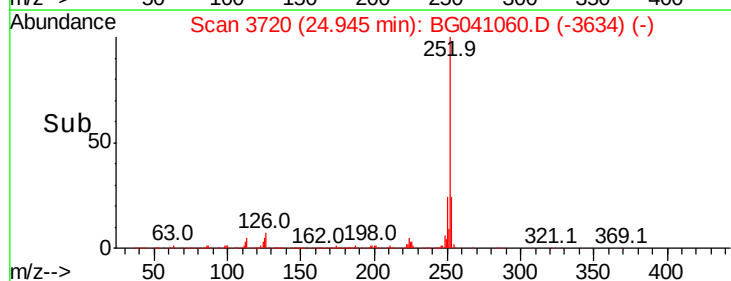
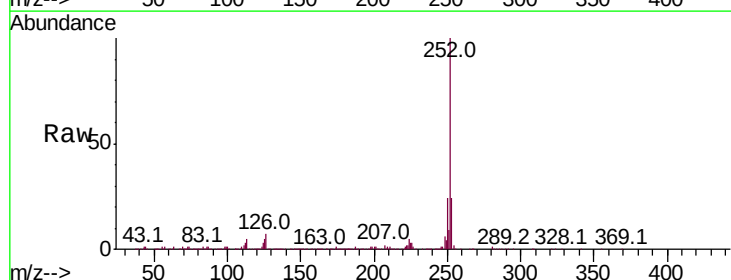
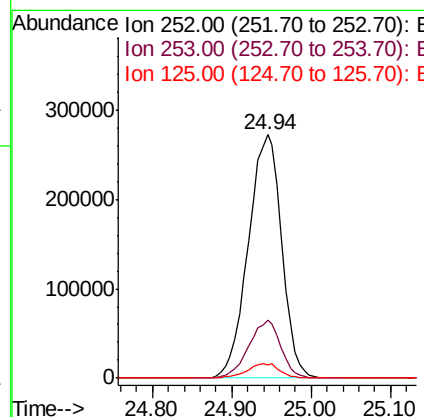
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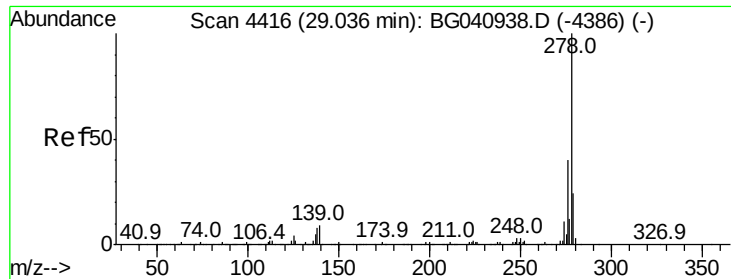
mohammad
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#90
Benzo(a)pyrene
Concen: 45.045 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG041060.D
Acq: 4 Jun 2019 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	5.5	5.1	7.7





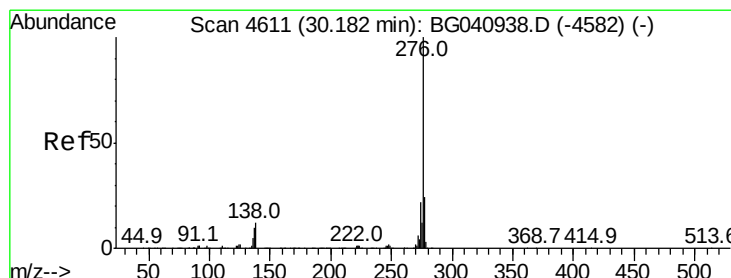
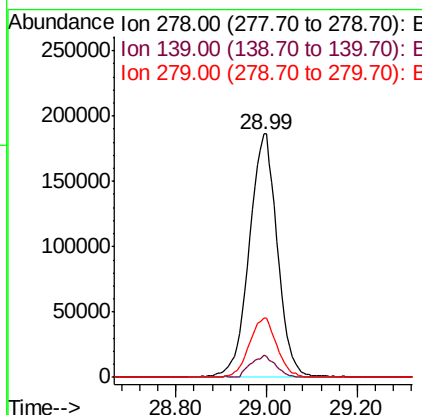
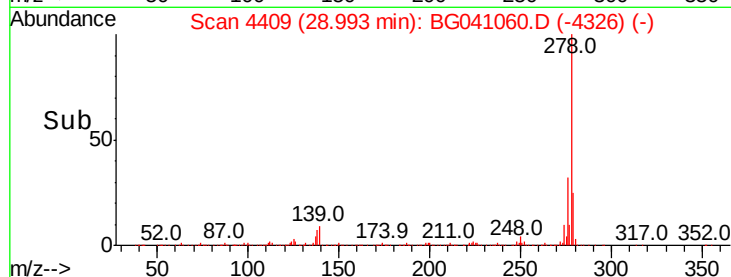
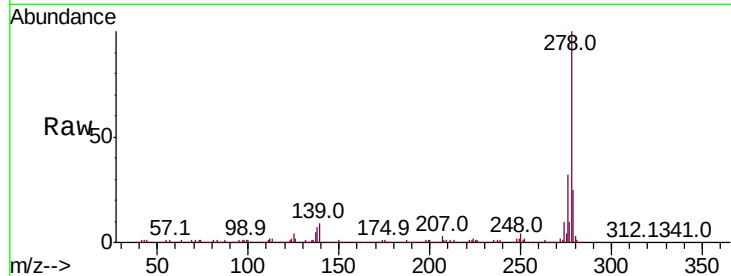
#91
 Dibenzo(a,h)anthracene
 Concen: 45.102 ng
 RT: 28.99 min Scan# 4409
 Delta R.T. -0.04 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion:	278	Resp:	799379
Ion Ratio	Lower	Upper	
278	100		
139	9.0	7.1	10.7
279	24.6	19.4	29.2

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#92
 Benzo(g,h,i)perylene
 Concen: 46.787 ng
 RT: 30.14 min Scan# 4604
 Delta R.T. -0.04 min
 Lab File: BG041060.D
 Acq: 4 Jun 2019 16:19

Tgt Ion:	276	Resp:	805638
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.4	29.0
138	10.3	9.7	14.5

