

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040970.D
 Acq On : 31 May 2019 3:47
 Operator : HP/JU
 Sample : K3041-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Manual Integrations
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mohammad
 5/31/2019 8:19:25 AM

Quant Time: May 31 05:01:13 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	8.12	152	74060	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	274338	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	192091	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	494538	20.00	ng	0.00
76) Chrysene-d12	21.78	240	489287	20.00	ng	0.00
87) Perylene-d12	25.12	264	515676	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	510555	124.31	ng	0.00
7) Phenol-d6	7.27	99	671106	105.80	ng	0.00
23) Nitrobenzene-d5	9.30	82	550987	89.16	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	407981	143.06	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1141582	85.58	ng	0.00
79) Terphenyl-d14	20.09	244	2035503	88.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	59400	31.872	ng	# 43
3) Pyridine	3.95	79	144179	26.144	ng	96
4) n-Nitrosodimethylamine	3.86	42	102422	40.017	ng	85
6) Aniline	7.45	93	159891	18.885	ng	96
8) 2-Chlorophenol	7.68	128	199153	40.673	ng	96
9) Benzaldehyde	7.26	77	100458	26.549	ng	92
10) Phenol	7.30	94	233371	34.314	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	195149	39.554	ng	99
12) 1,3-Dichlorobenzene	8.01	146	209326	35.794	ng	96
13) 1,4-Dichlorobenzene	8.16	146	213260	36.026	ng	98
14) 1,2-Dichlorobenzene	8.48	146	204167	35.522	ng	99
15) Benzyl Alcohol	8.36	79	236237	40.262	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	311300	38.613	ng	99
17) 2-Methylphenol	8.56	107	184607	37.490	ng	98
18) Hexachloroethane	9.21	117	80442	35.258	ng	90
19) n-Nitroso-di-n-propylamine	8.93	70	185794	38.062	ng	98
20) 3+4-Methylphenols	8.89	107	250914	36.786	ng	97
22) Acetophenone	8.96	105	350290	45.518	ng	# 96
24) Nitrobenzene	9.35	77	284961	45.249	ng	98
25) Isophorone	9.86	82	531427	45.188	ng	98
26) 2-Nitrophenol	10.06	139	122290	47.103	ng	93
27) 2,4-Dimethylphenol	10.10	122	201536	47.002	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	276922	43.628	ng	98
29) 2,4-Dichlorophenol	10.59	162	236579	43.449	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	257964	41.647	ng	97
31) Naphthalene	11.00	128	632524	42.943	ng	97
32) Benzoic acid	10.23	122	116242	37.090	ng	96
33) 4-Chloroaniline	11.11	127	64400	9.423	ng	97
34) Hexachlorobutadiene	11.26	225	188803	39.836	ng	98
35) Caprolactam	11.90	113	57133m	31.775	ng	
36) 4-Chloro-3-methylphenol	12.21	107	264461	42.528	ng	96
37) 2-Methylnaphthalene	12.59	142	476550	42.008	ng	98
38) 1-Methylnaphthalene	12.81	142	456141	42.669	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	342971	44.298	ng	# 99

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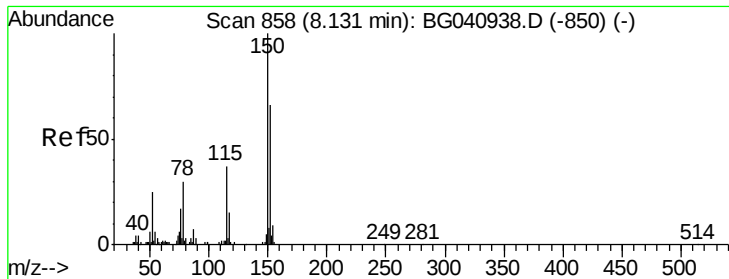
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	396876	93.779	nq	98
43) 2,4,6-Trichlorophenol	13.19	196	228318	45.585	nq	98
44) 2,4,5-Trichlorophenol	13.26	196	240219	45.477	nq	96
46) 1,1'-Biphenyl	13.59	154	646173	45.444	nq	99
47) 2-Chloronaphthalene	13.64	162	533511	43.706	nq	99
48) 2-Nitroaniline	13.85	65	198097	45.236	nq	100
49) Acenaphthylene	14.48	152	832131	45.294	nq	99
50) Dimethylphthalate	14.20	163	725827	44.637	nq	99
51) 2,6-Dinitrotoluene	14.33	165	159655	45.539	nq	97
52) Acenaphthene	14.82	154	489271	43.961	nq	100
53) 3-Nitroaniline	14.67	138	107158	30.566	nq	96
54) 2,4-Dinitrophenol	14.87	184	192666	96.761	nq	95
55) Dibenzofuran	15.15	168	839998	44.854	nq	99
56) 4-Nitrophenol	14.96	139	222770	92.641	nq	95
57) 2,4-Dinitrotoluene	15.12	165	232455	46.938	nq	# 95
58) Fluorene	15.80	166	660142	44.263	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	250945	48.341	nq	98
60) Diethylphthalate	15.56	149	744460	44.862	nq	100
61) 4-Chlorophenyl-phenylether	15.79	204	425104	43.853	nq	98
62) 4-Nitroaniline	15.83	138	152964	41.213	nq	98
63) Azobenzene	16.08	77	676396	44.847	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	133729	50.022	nq	92
66) n-Nitrosodiphenylamine	16.00	169	614611	44.210	nq	99
67) 4-Bromophenyl-phenylether	16.68	248	277556	41.588	nq	95
68) Hexachlorobenzene	16.79	284	291273	40.985	nq	98
69) Atrazine	16.94	200	272167	50.738	nq	97
70) Pentachlorophenol	17.14	266	356079	92.811	nq	96
71) Phenanthrene	17.54	178	1126087	43.715	nq	99
72) Anthracene	17.64	178	1153437	45.400	nq	98
73) Carbazole	17.91	167	1013225	46.479	nq	100
74) Di-n-butylphthalate	18.43	149	1204485	44.456	nq	97
75) Fluoranthene	19.55	202	1455351	45.740	nq	97
77) Benzidine	19.73	184	28914	2.477	nq	99
78) Pyrene	19.90	202	1453582	45.700	nq	99
80) Butylbenzylphthalate	20.77	149	562810	45.469	nq	97
81) Benzo(a)anthracene	21.76	228	1397567	42.910	nq	97
82) 3,3'-Dichlorobenzidine	21.67	252	359975	31.423	nq	97
83) Chrysene	21.83	228	1378663	44.233	nq	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	756575	43.420	nq	99
85) Di-n-octyl phthalate	22.88	149	1272354	43.845	nq	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1680683	44.020	nq	100
88) Benzo(b)fluoranthene	24.05	252	1451810	46.417	nq	100
89) Benzo(k)fluoranthene	24.12	252	1385868	44.776	nq	98
90) Benzo(a)pyrene	24.97	252	1382521	46.330	nq	96
91) Dibenzo(a,h)anthracene	29.03	278	1385902	46.479	nq	99
92) Benzo(g,h,i)perylene	30.18	276	1393936	48.119	nq	99

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



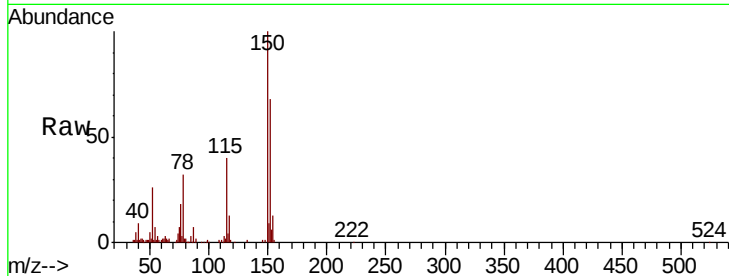
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.2	120.6	180.8
115	59.0	45.1	67.7

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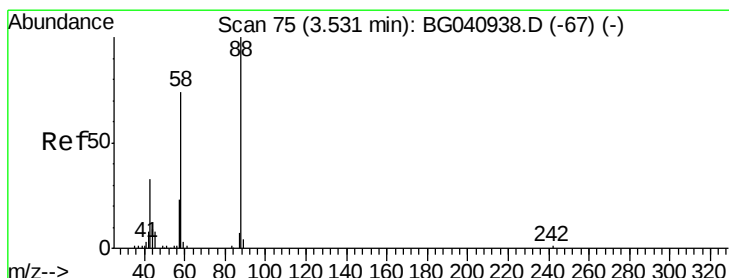
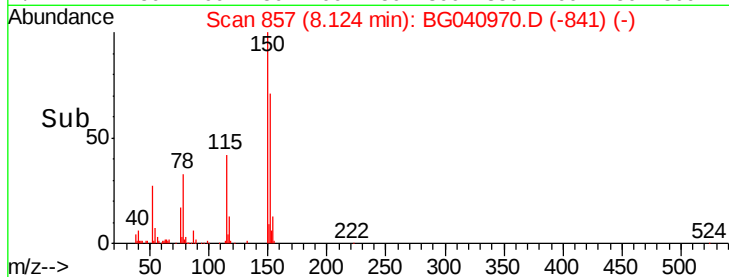
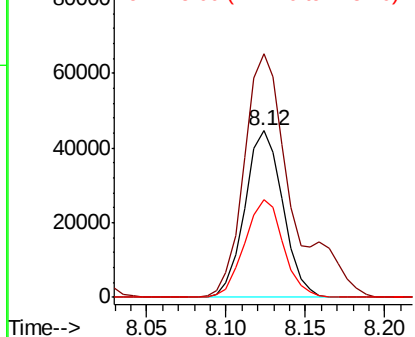


Abundance

Ion 152.00 (151.70 to 152.70): E

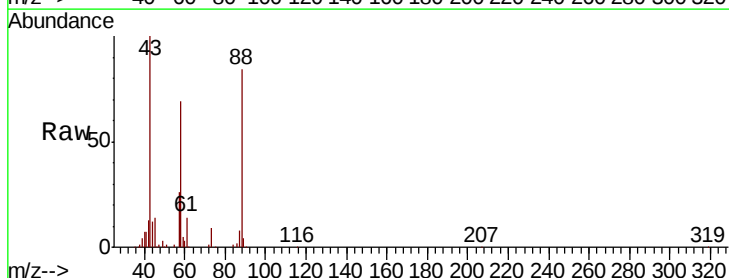
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 31.872 ng
 RT: 3.53 min Scan# 76
 Delta R.T. 0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	59.0	88.6
43	130.2	27.2	40.8#

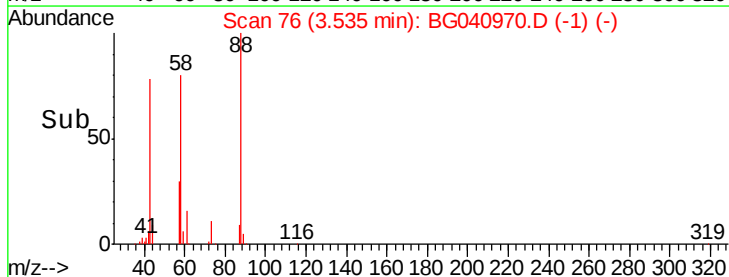
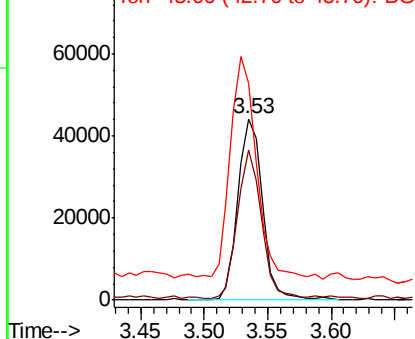


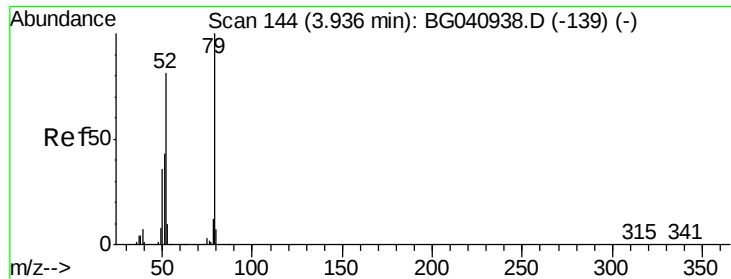
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.144 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

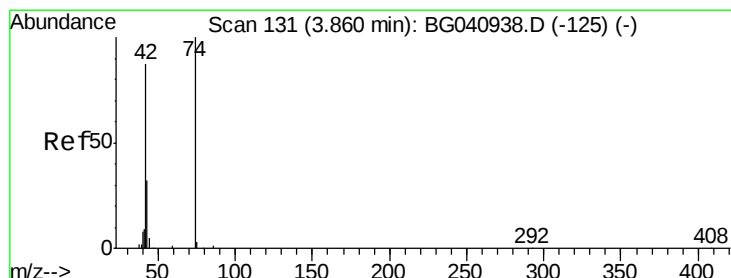
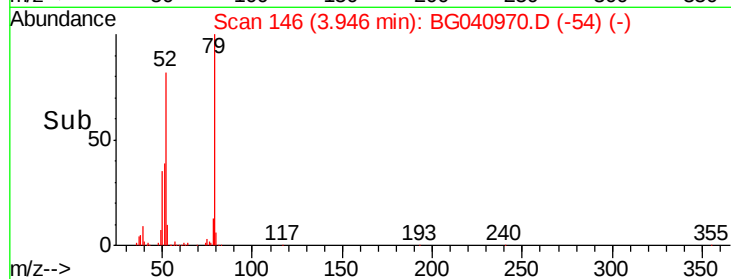
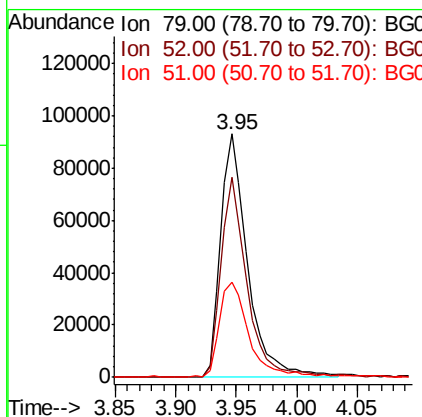
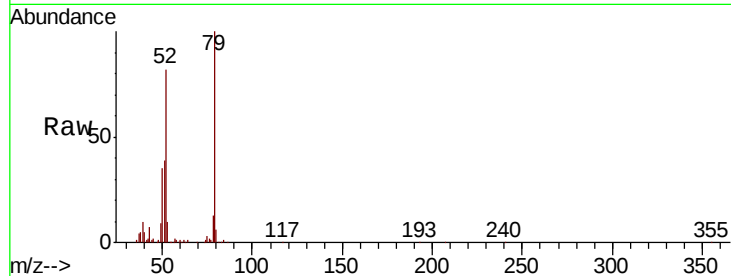
ClientSampleId :

TP-2-SMSD

Tot Ion:	79	Resp:	144179
Ion Ratio	Lower	Upper	
79	100		
52	82.3	64.8	97.2
51	38.9	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 40.017 ng

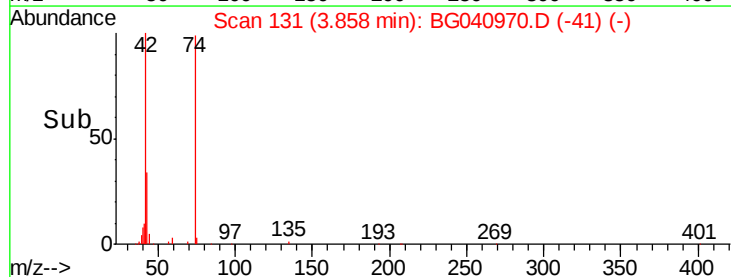
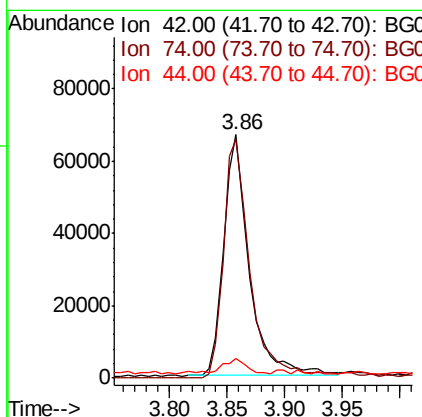
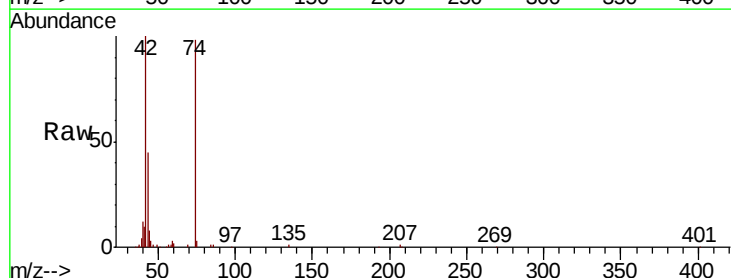
RT: 3.86 min Scan# 131

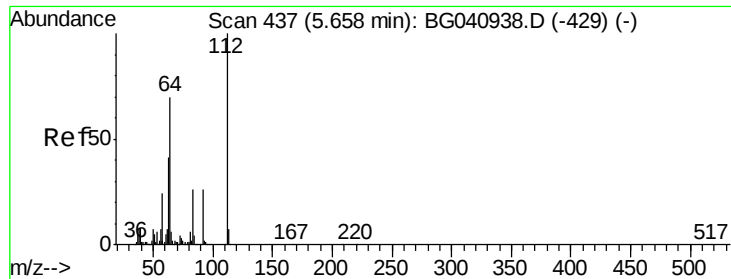
Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:	42	Resp:	102422
Ion Ratio	Lower	Upper	
42	100		
74	97.8	91.8	137.6
44	8.1	6.0	9.0





#5

2-Fluorophenol

Concen: 124.310 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

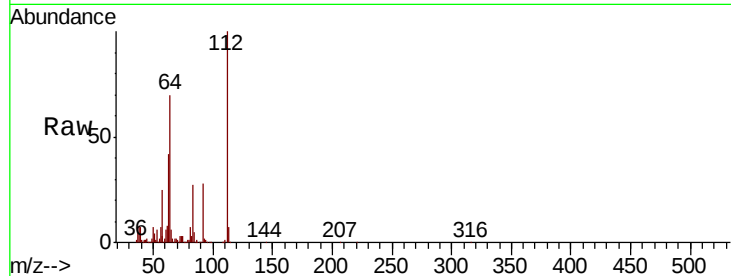
ClientSampleId :

TP-2-SMSD

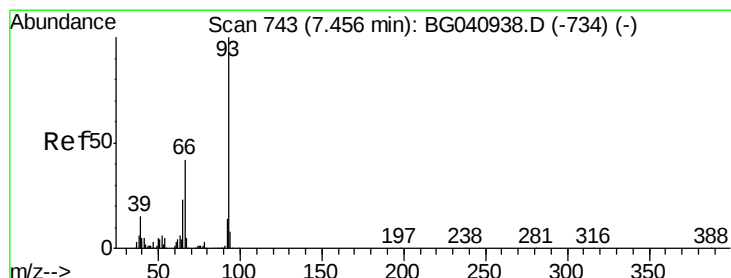
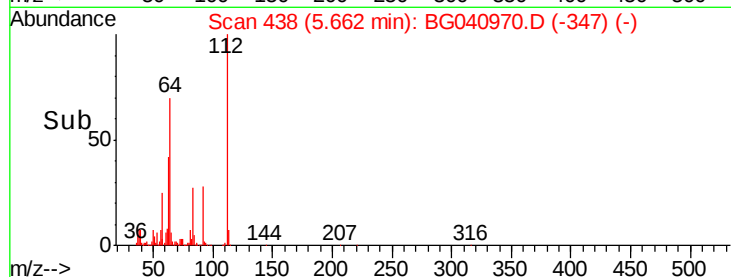
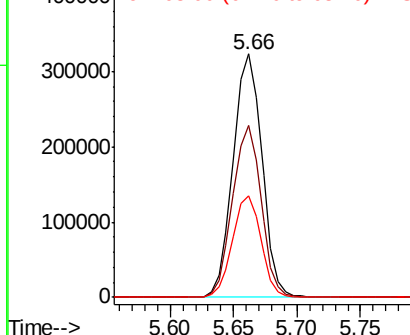
Tot Ion:	112	Resp:	510555
Ion Ratio	Lower	Upper	
112	100		
64	70.4	56.2	84.2
63	41.7	32.8	49.2

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.885 ng

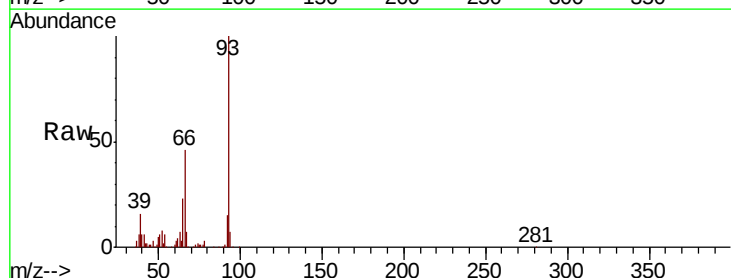
RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

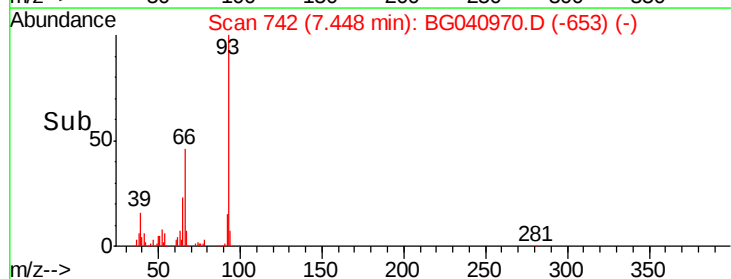
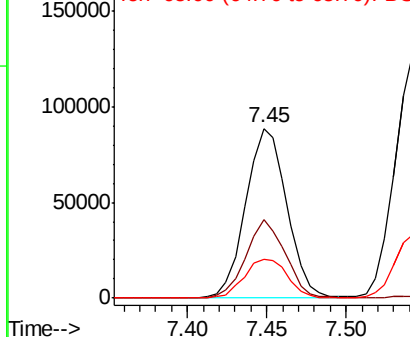
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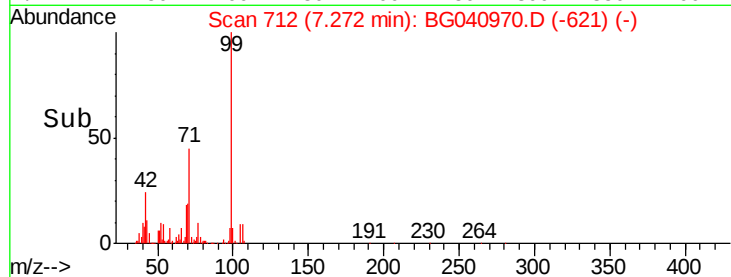
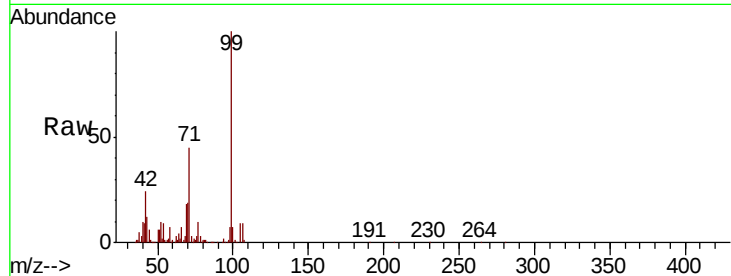
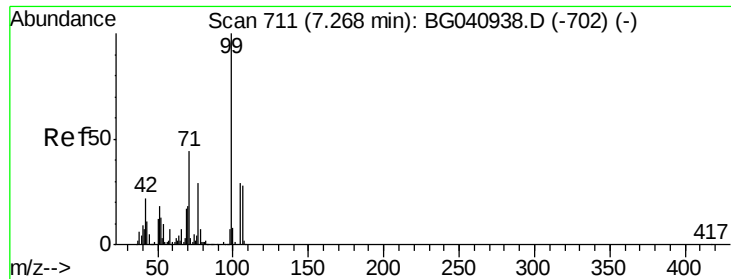
Acq: 31 May 2019 3:47

Tgt Ion:	93	Resp:	159891
Ion Ratio	Lower	Upper	
93	100		
66	46.4	33.8	50.8
65	22.6	18.3	27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.802 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		671106		
42	23.7	17.9	26.9		
71	45.4	35.4	53.0		

Instrument :

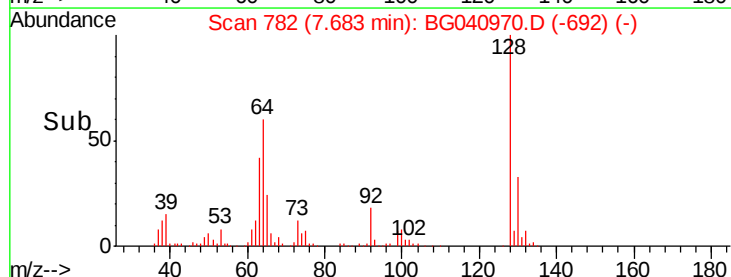
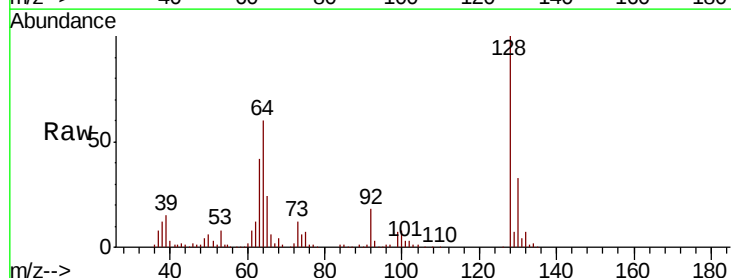
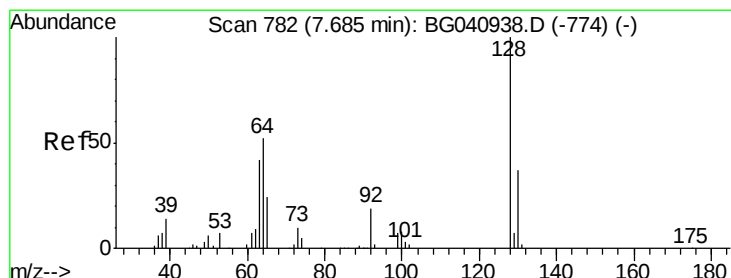
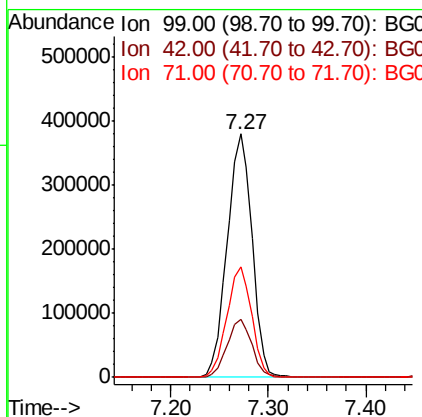
BNA_G

ClientSampled :

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#8

2-Chlorophenol

Concen: 40.673 ng

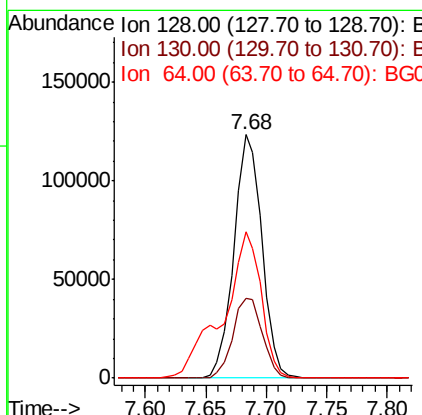
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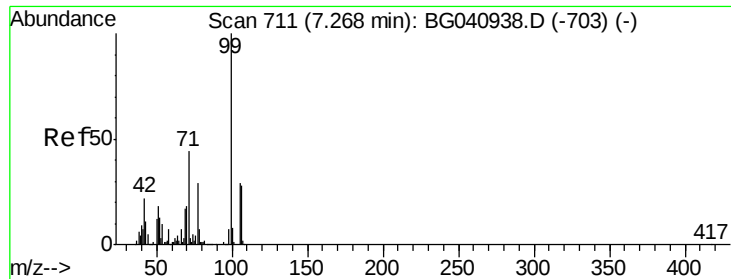
Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		199153		
130	32.6	16.6	56.6		
64	59.9	37.8	77.8		





#9

Benzaldehyde

Concen: 26.549 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

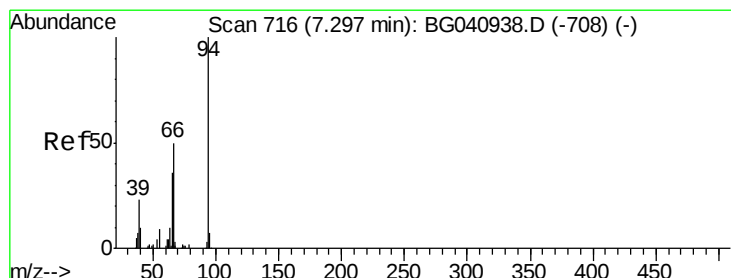
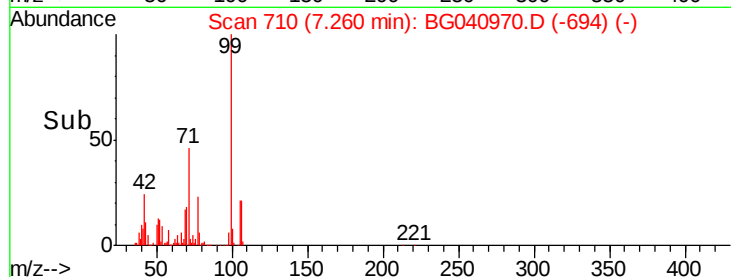
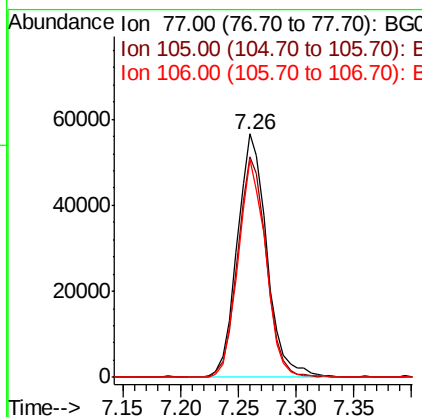
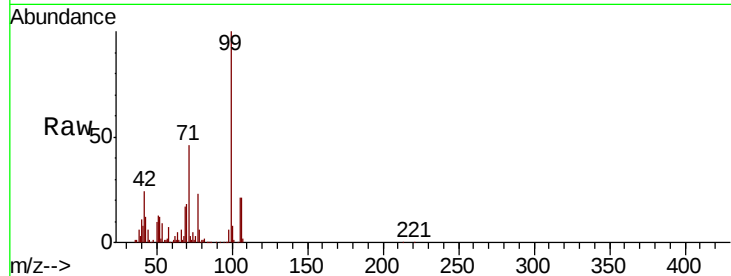
ClientSampleId :

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Tot Ion:	77	Resp:	100458
Ion Ratio	Lower	Upper	
77	100		
105	90.9	78.9	118.9
106	89.6	76.7	116.7

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#10

Phenol

Concen: 34.314 ng

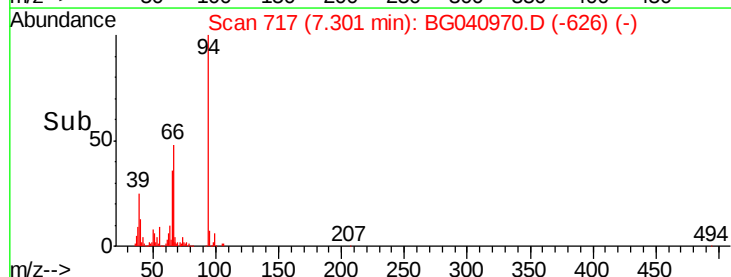
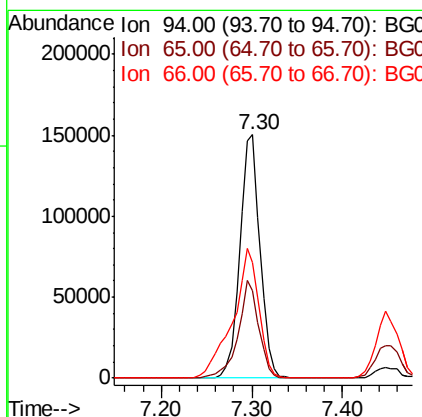
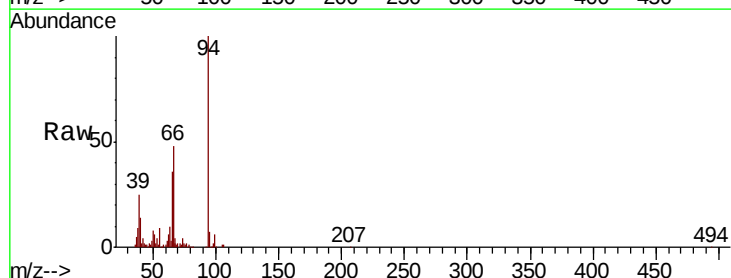
RT: 7.30 min Scan# 717

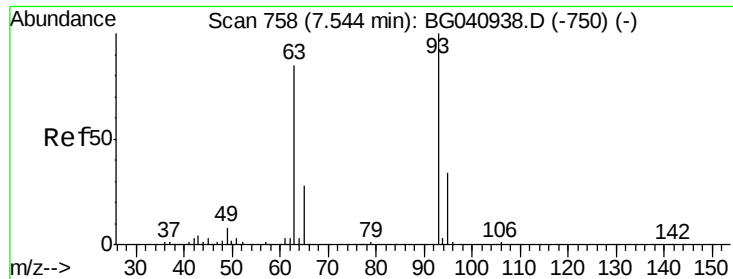
Delta R.T. 0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:	94	Resp:	233371
Ion Ratio	Lower	Upper	
94	100		
65	35.9	17.0	57.0
66	47.6	32.4	72.4





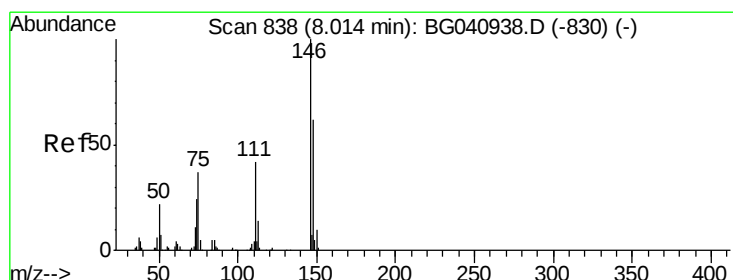
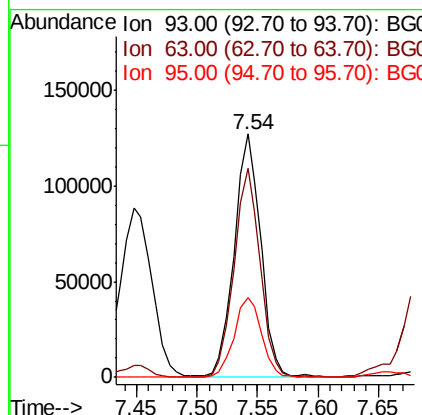
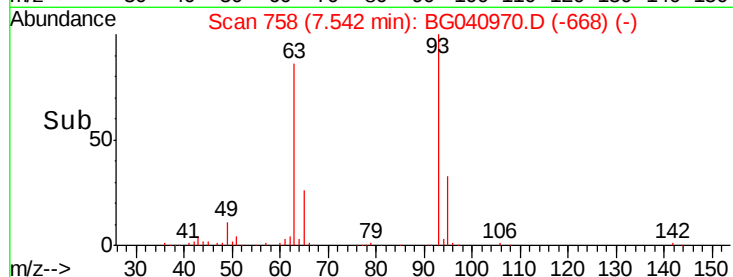
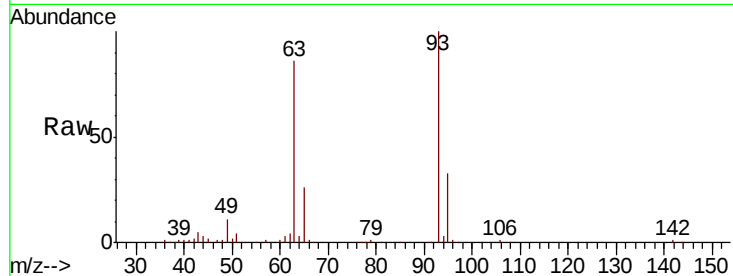
#11
bis(2-Chloroethyl)ether
Concen: 39.554 ng
RT: 7.54 min Scan# 758
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.9	64.5	104.5
95	32.8	13.3	53.3

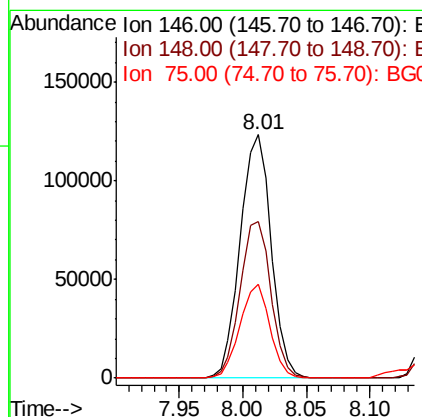
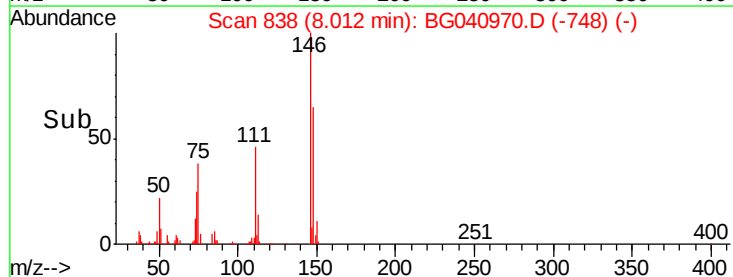
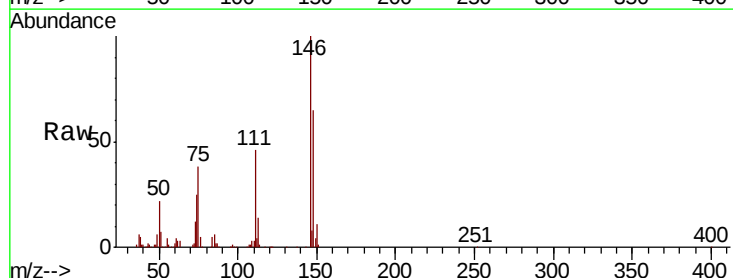
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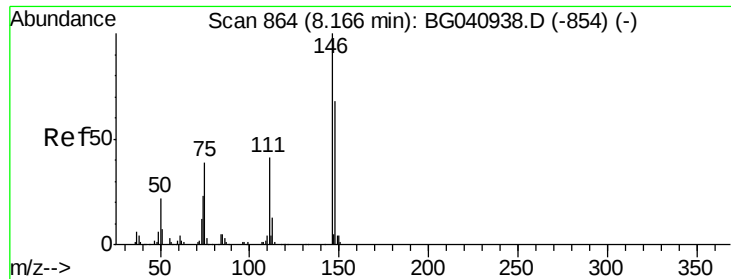
mohammad
5/31/2019 8:19:25 AM



#12
1,3-Dichlorobenzene
Concen: 35.794 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.2	73.8
75	38.4	29.4	44.0





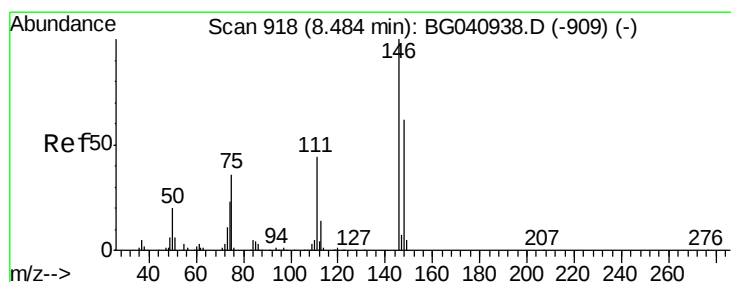
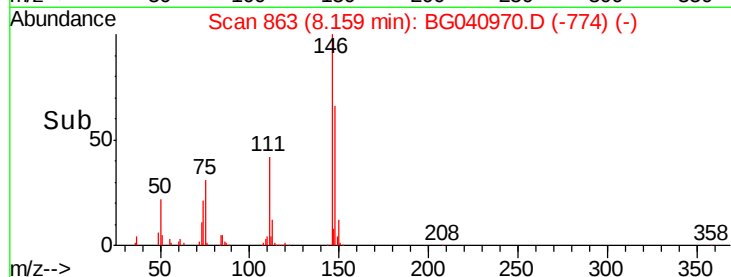
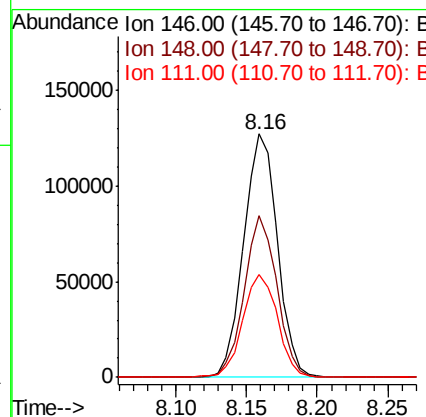
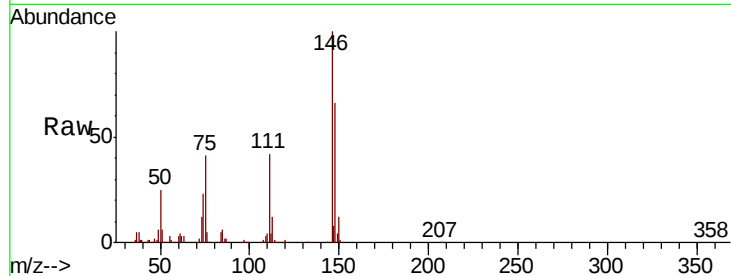
#13
1,4-Dichlorobenzene
Concen: 36.026 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	54.2	81.4
111	42.1	32.9	49.3

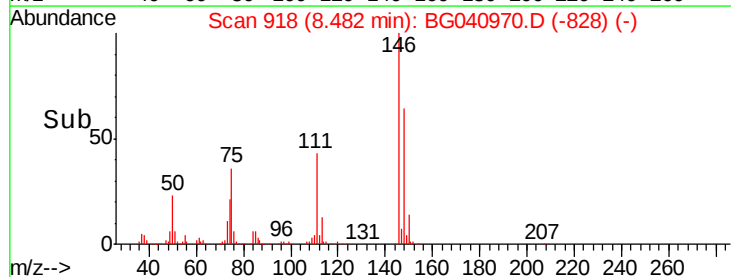
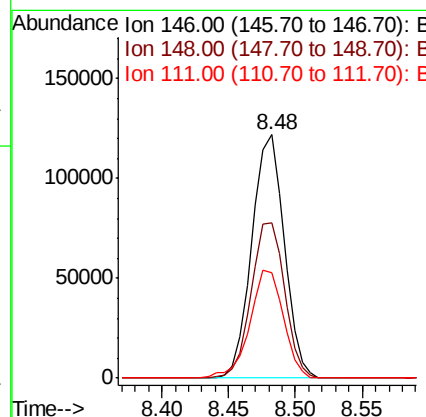
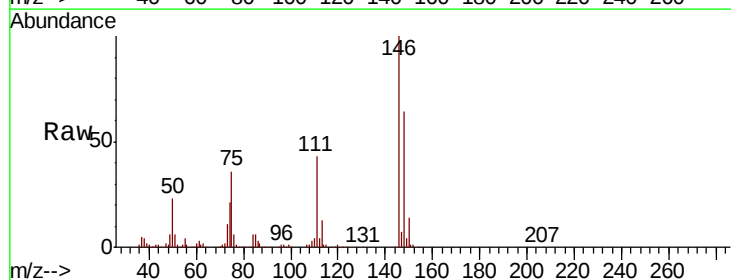
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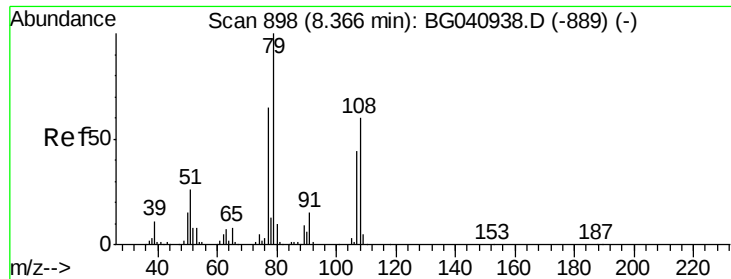
mohammad
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#14
1,2-Dichlorobenzene
Concen: 35.522 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.6
111	43.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 40.262 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

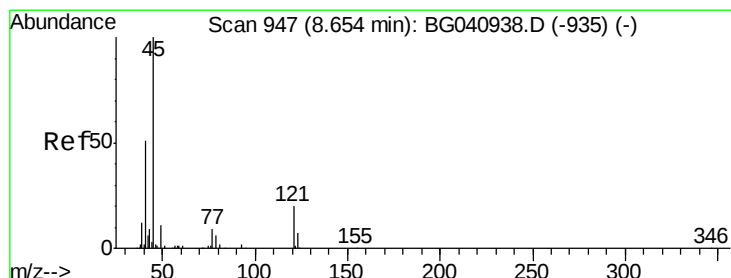
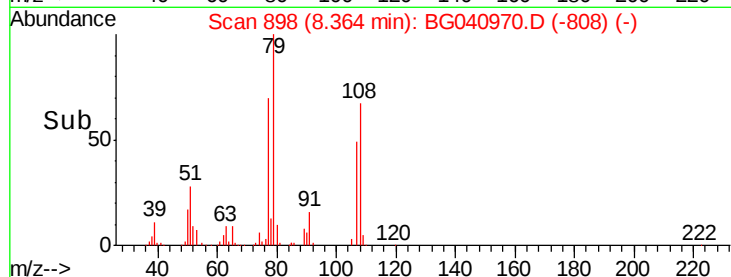
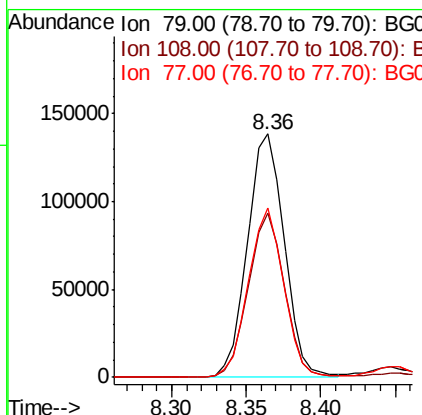
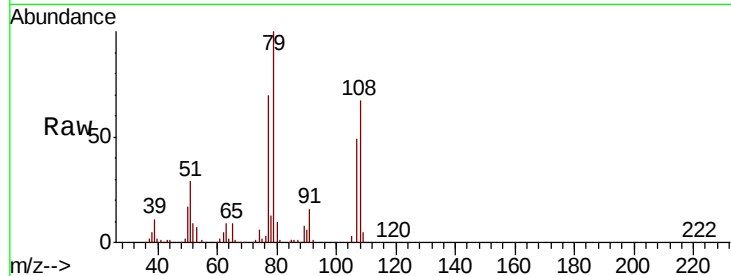
ClientSampleId :

TP-2-SMSD

Tot Ion:	79	Resp:	236237
Ion Ratio	Lower	Upper	
79	100		
108	67.2	48.3	72.5
77	69.7	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.613 ng

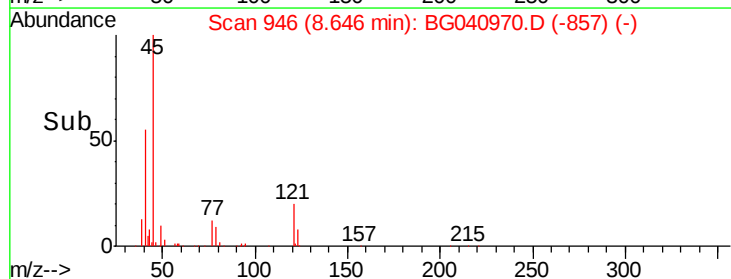
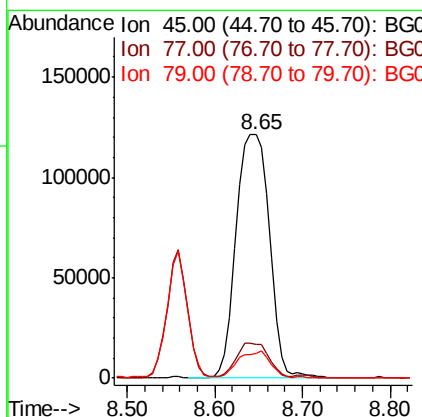
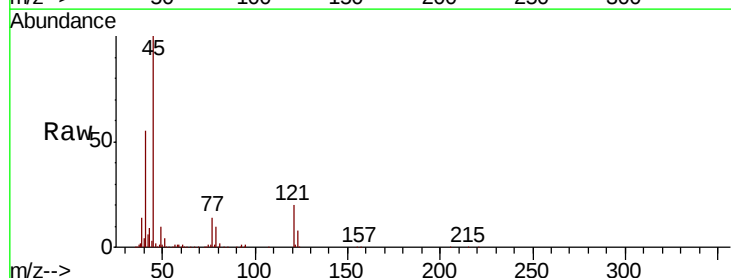
RT: 8.65 min Scan# 946

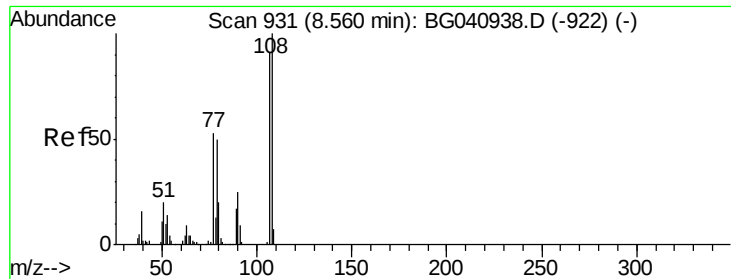
Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:	45	Resp:	311300
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	33.7
79	9.9	0.0	30.2





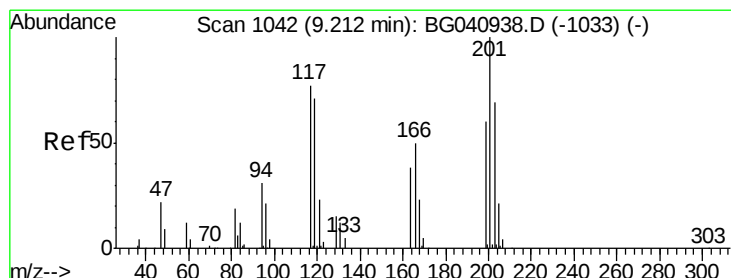
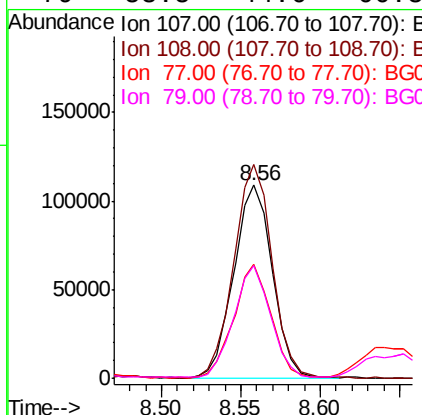
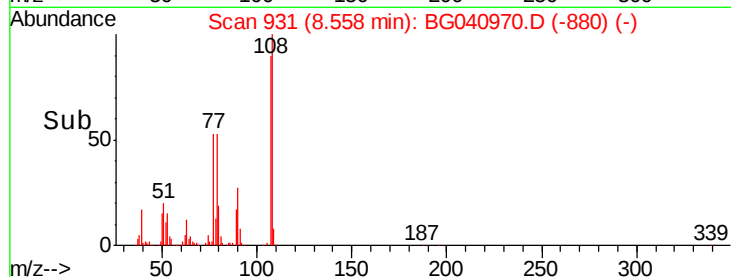
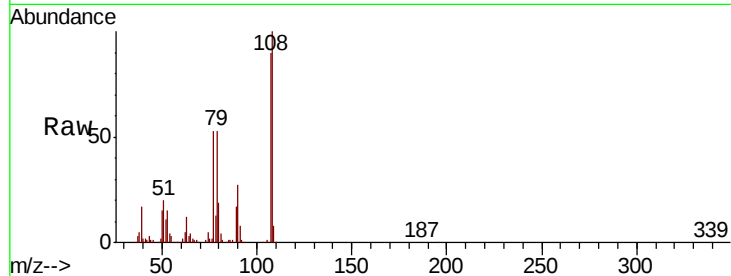
#17
2-Methylphenol
Concen: 37.490 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.7	131.5	
77	58.9	46.6	70.0	
79	58.5	44.6	66.8	

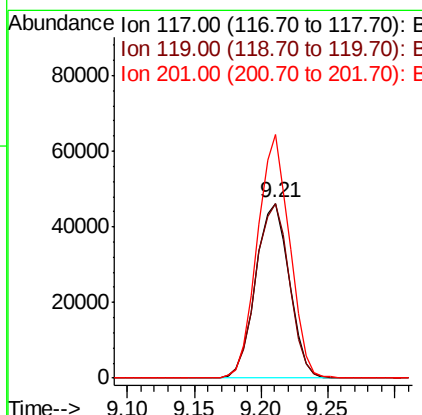
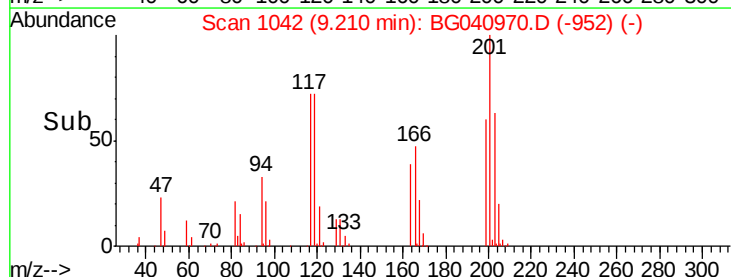
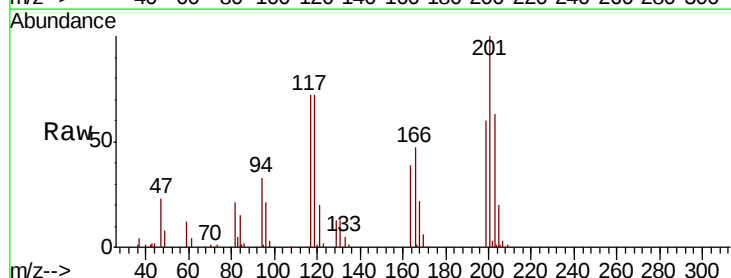
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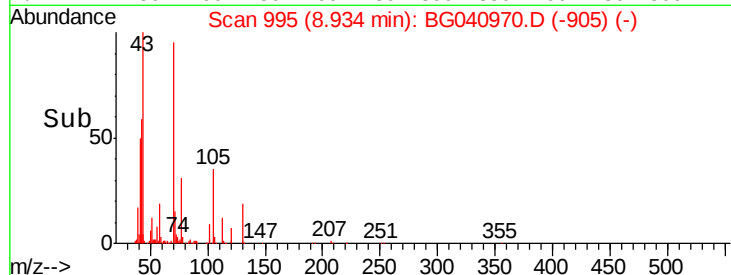
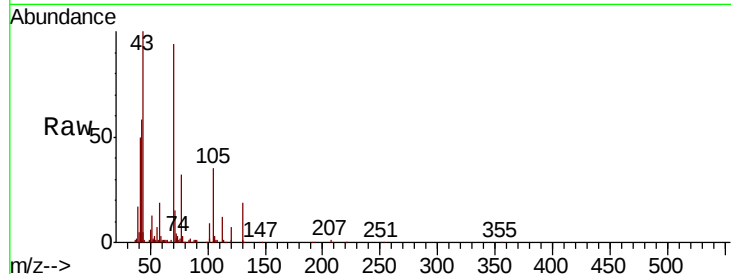
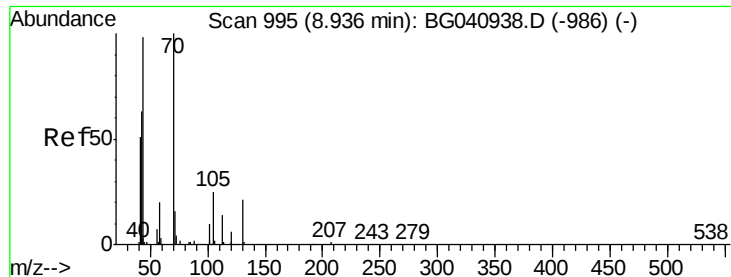
mohammad
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#18
Hexachloroethane
Concen: 35.258 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.2	75.0	112.6	
201	143.6	103.5	155.3	





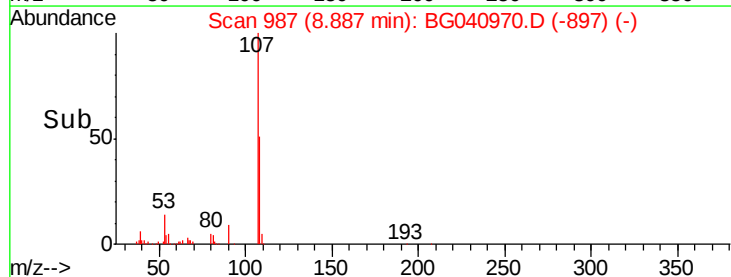
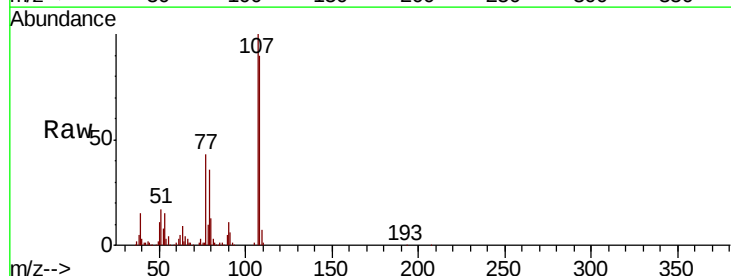
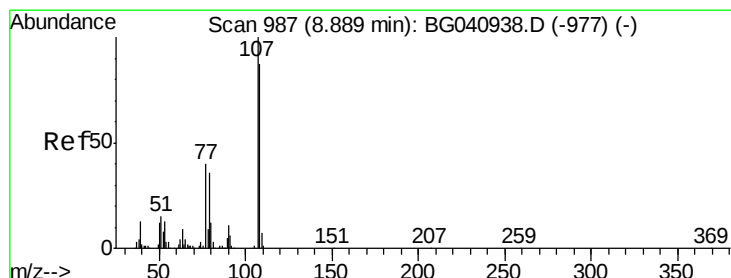
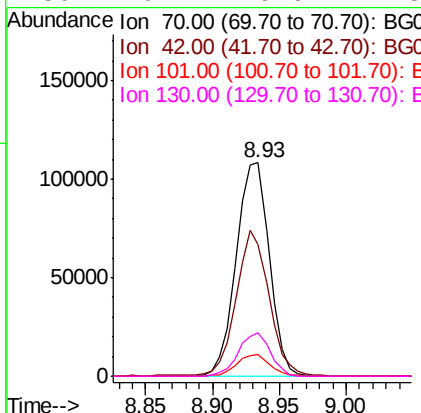
#19
n-Nitroso-di-n-propylamine
Concen: 38.062 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.0	51.5	77.3	
101	9.9	8.1	12.1	
130	20.2	16.6	24.8	

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

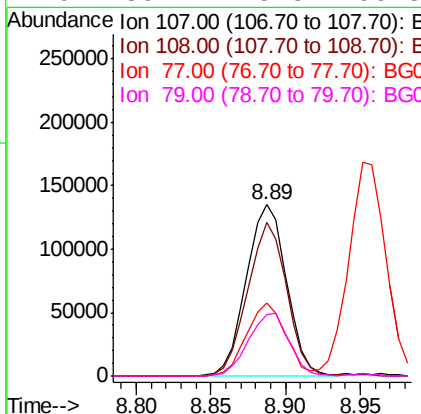
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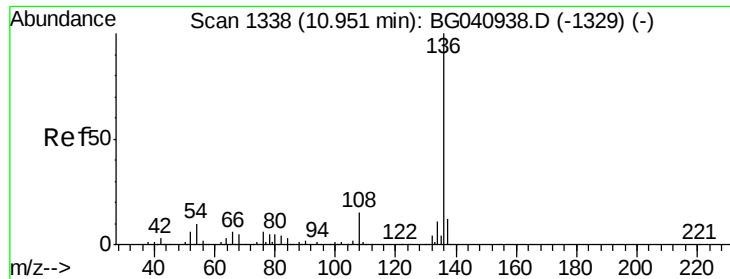
mohammad
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#20
3+4-Methylphenols
Concen: 36.786 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	66.8	106.8	
77	42.7	20.5	60.5	
79	35.7	15.8	55.8	





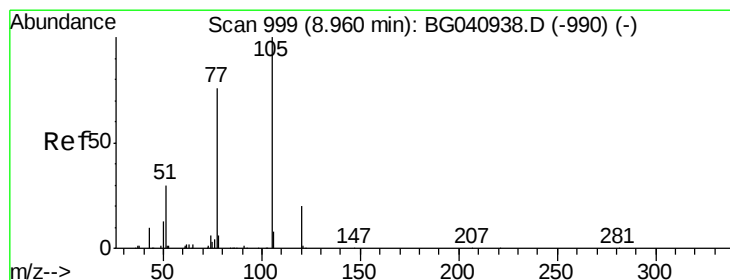
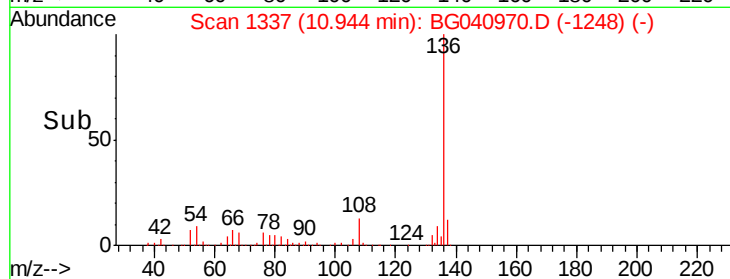
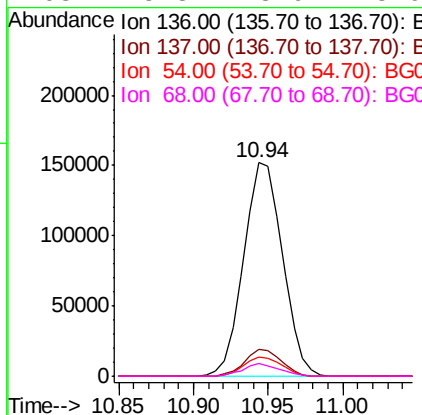
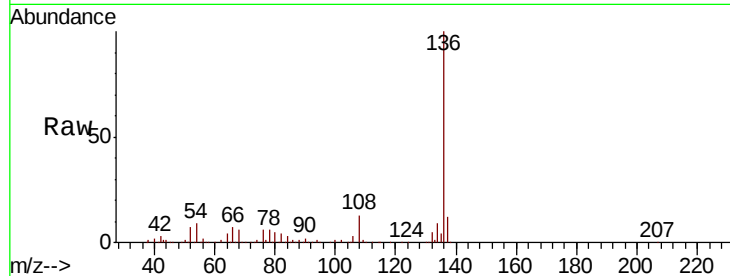
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274338		
137	12.4	9.5	14.3	
54	9.3	7.6	11.4	
68	5.8	3.9	5.9	

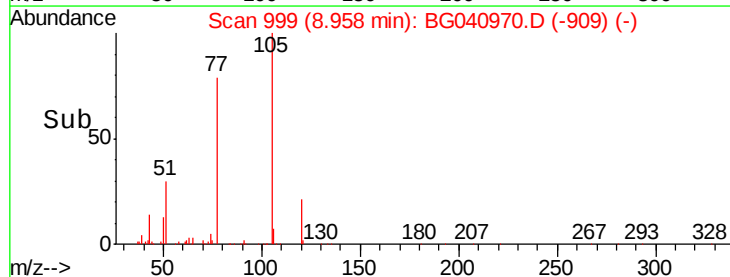
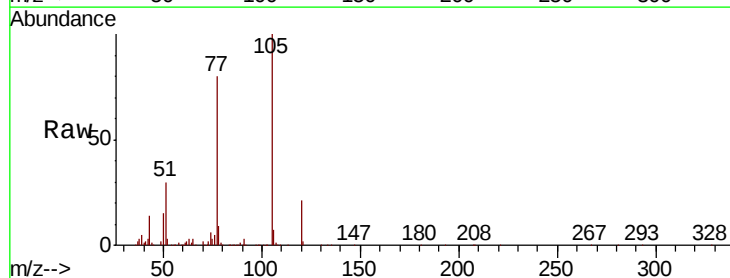
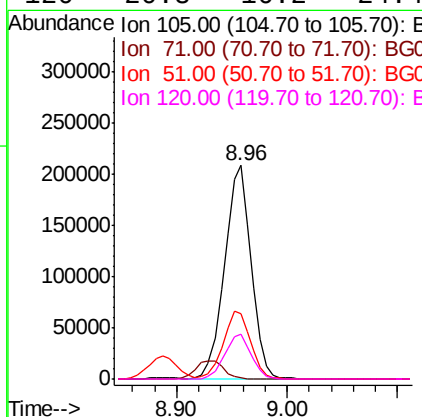
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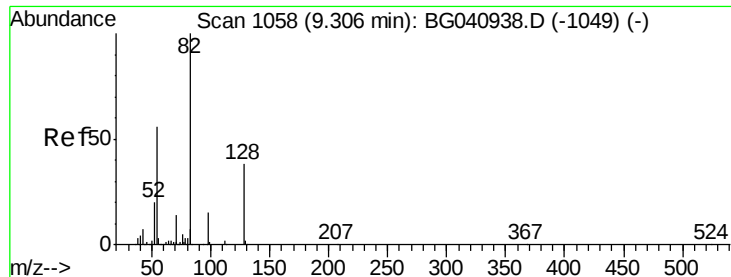
mohammad
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#22
Acetophenone
Concen: 45.518 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	350290		
71	0.3	0.4	0.6#	
51	30.3	27.0	40.6	
120	20.8	16.2	24.4	





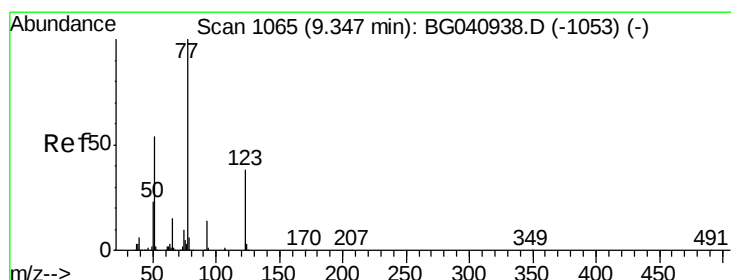
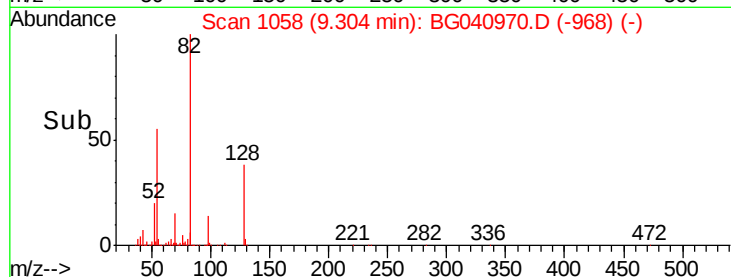
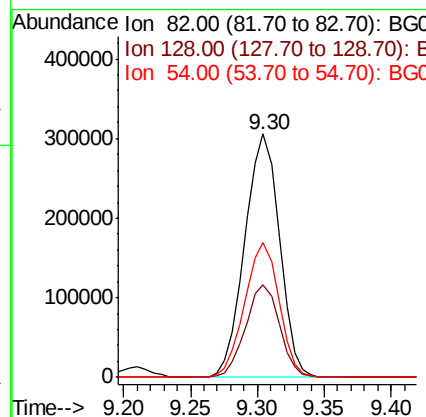
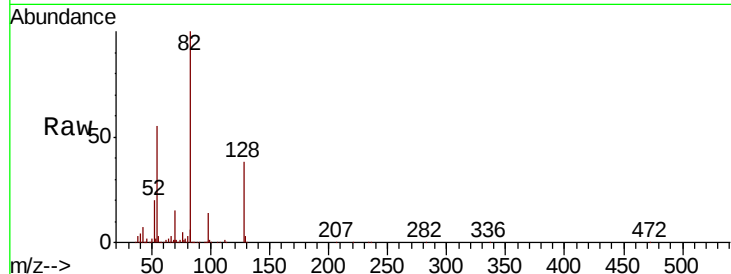
#23
Nitrobenzene-d5
Concen: 89.161 ng
RT: 9.30 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.5	45.7
54	55.4	44.6	66.8

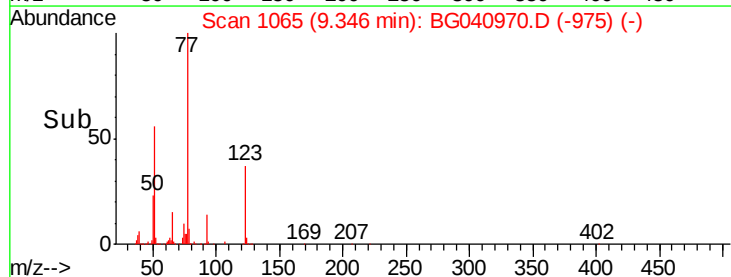
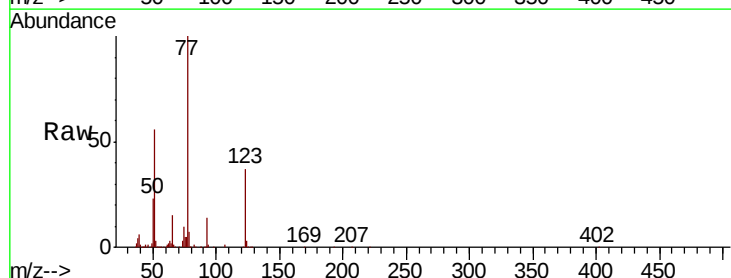
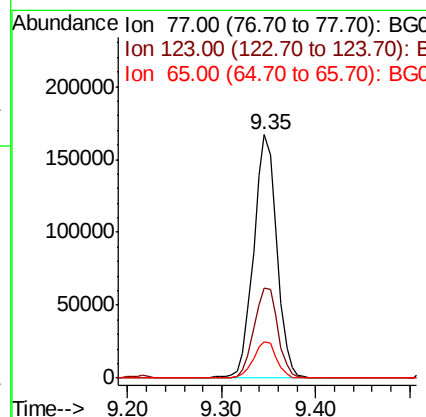
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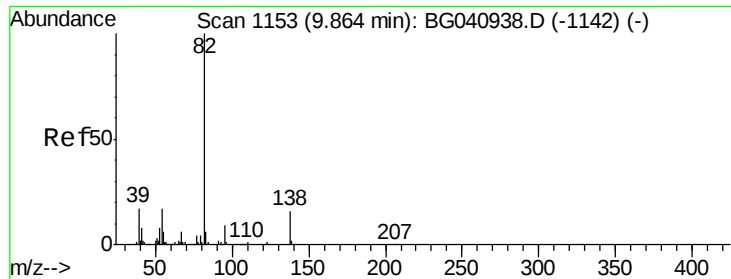
mohammad
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#24
Nitrobenzene
Concen: 45.249 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	30.6	46.0
65	15.0	12.3	18.5





#25

Isophorone

Concen: 45.188 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

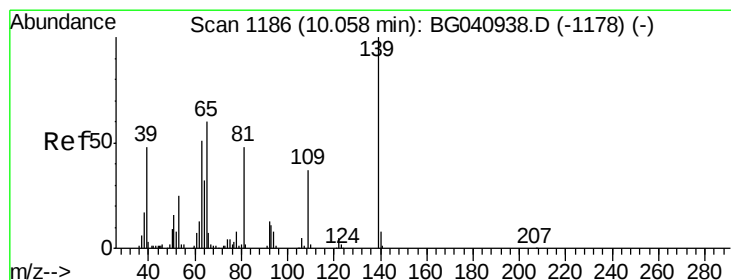
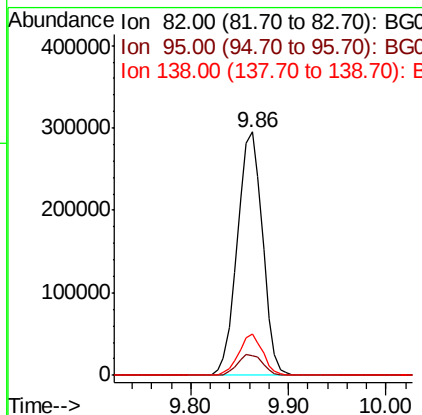
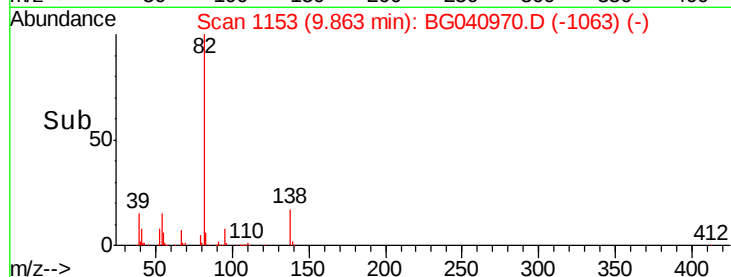
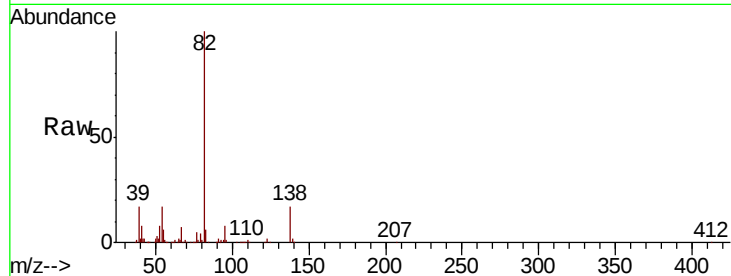
ClientSampleId :

TP-2-SMSD

Tot Ion:	82	Resp:	531427
Ion Ratio		Lower	Upper
82	100		
95	8.0	7.0	10.4
138	16.7	12.6	19.0

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#26

2-Nitrophenol

Concen: 47.103 ng

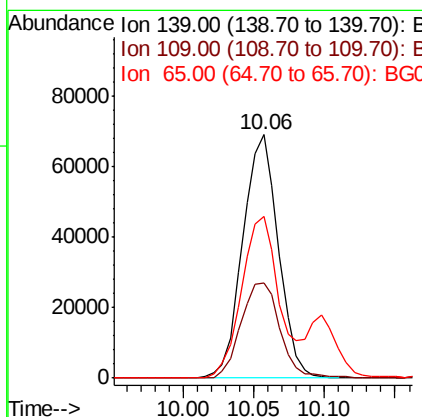
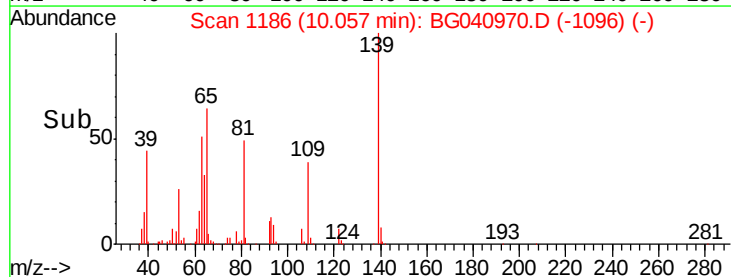
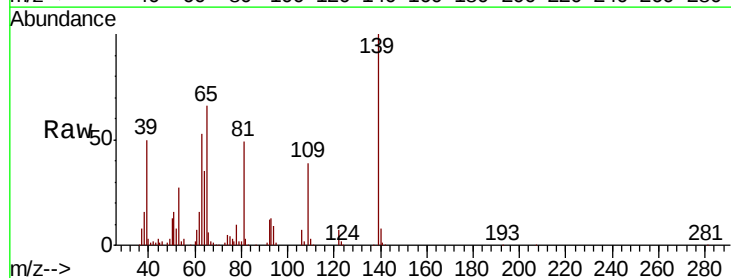
RT: 10.06 min Scan# 1186

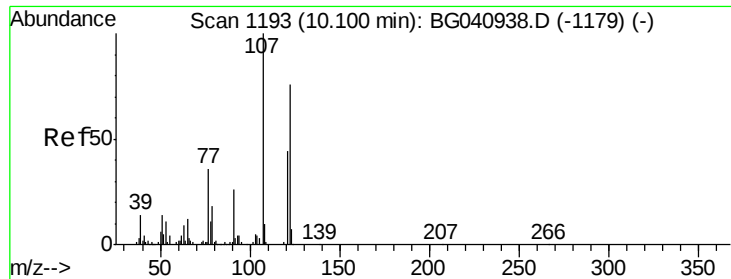
Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:	139	Resp:	122290
Ion Ratio		Lower	Upper
139	100		
109	39.2	29.8	44.6
65	66.4	47.8	71.6





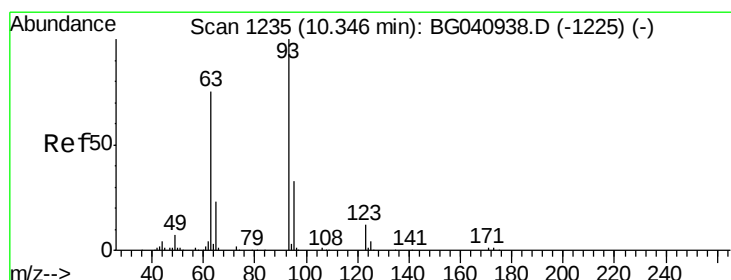
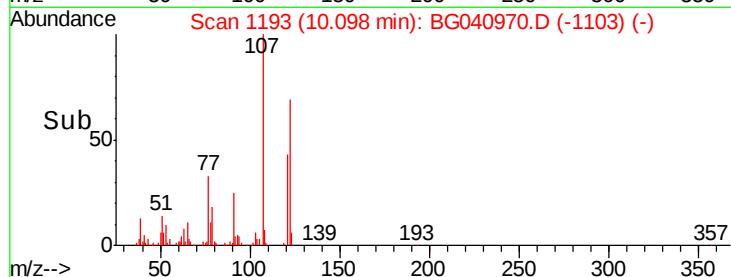
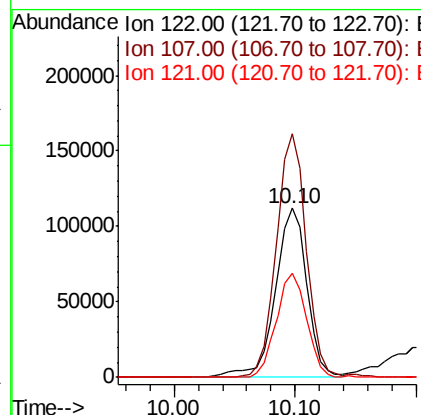
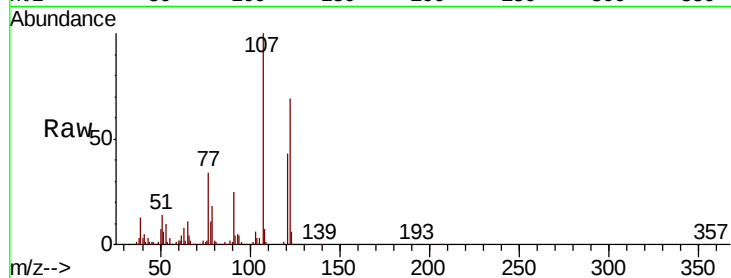
#27
 2,4-Dimethylphenol
 Concen: 47.002 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	144.1	105.9	158.9	
121	61.7	46.2	69.4	

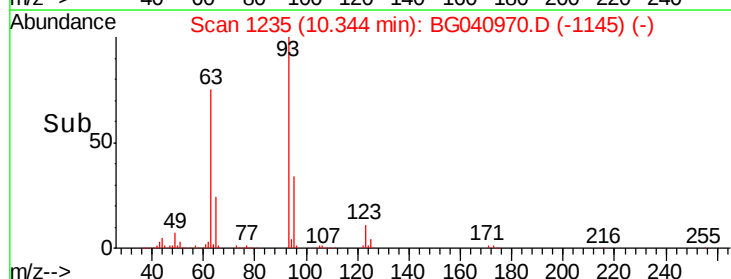
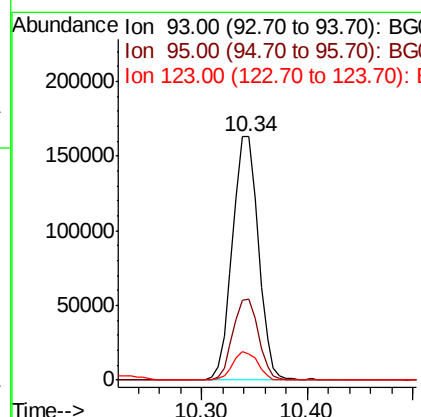
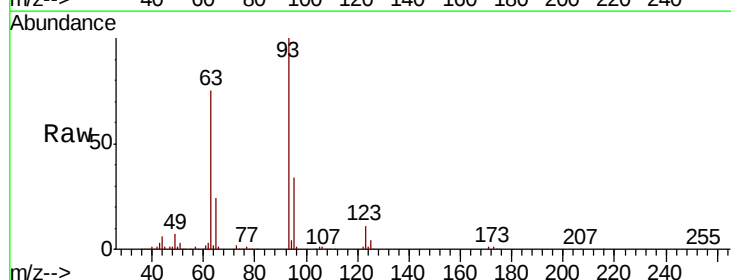
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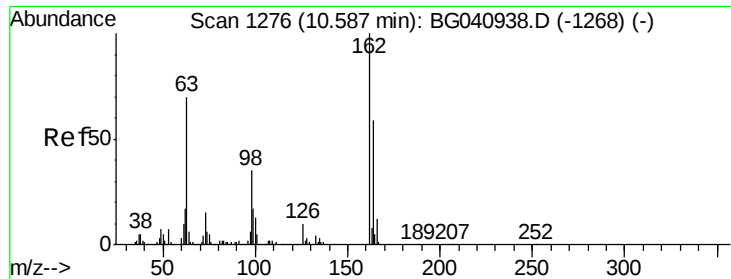
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.628 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.5	26.2	39.2	
123	10.7	9.5	14.3	





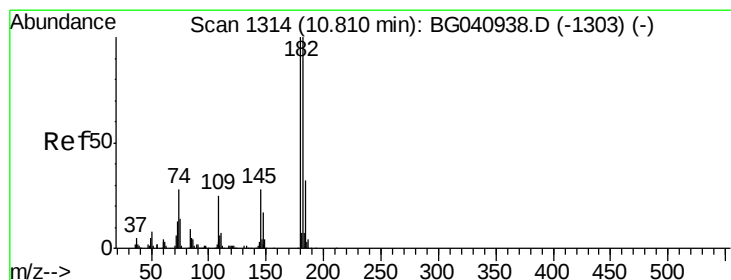
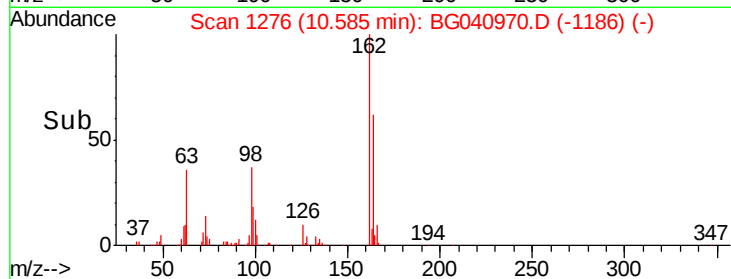
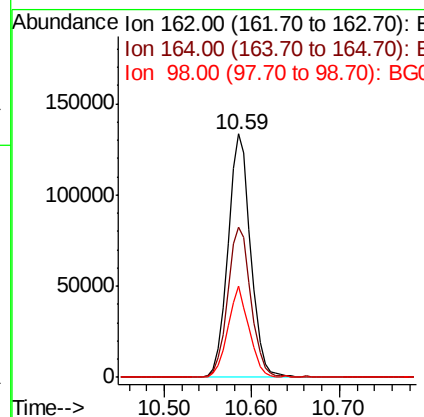
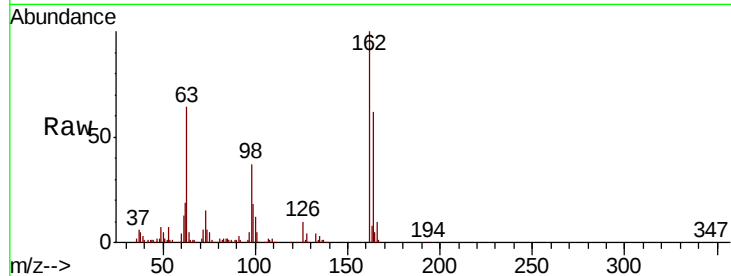
#29
2,4-Dichlorophenol
Concen: 43.449 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	236579		
164	61.6	39.4	79.4	
98	37.4	15.3	55.3	

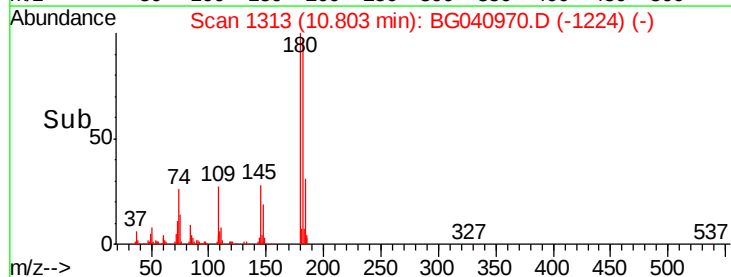
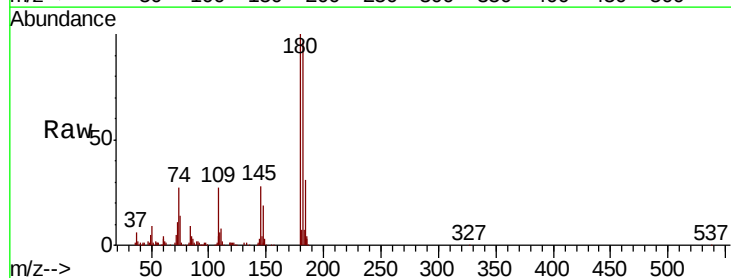
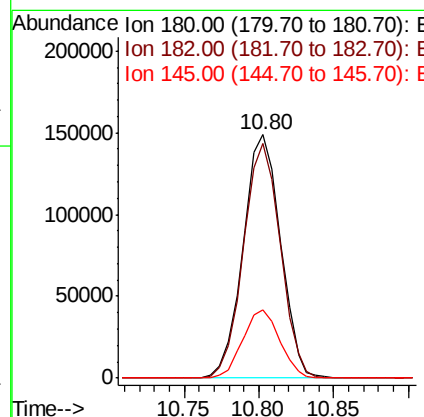
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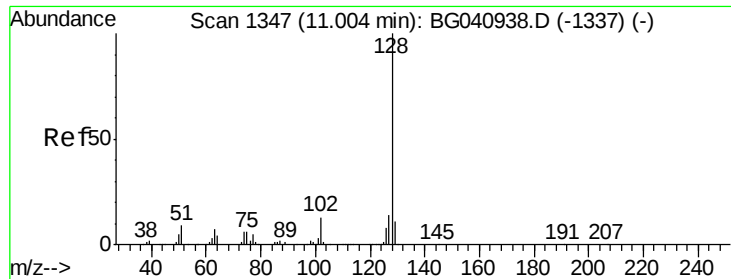
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#30
1,2,4-Trichlorobenzene
Concen: 41.647 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257964		
182	96.3	79.7	119.5	
145	28.1	22.6	34.0	





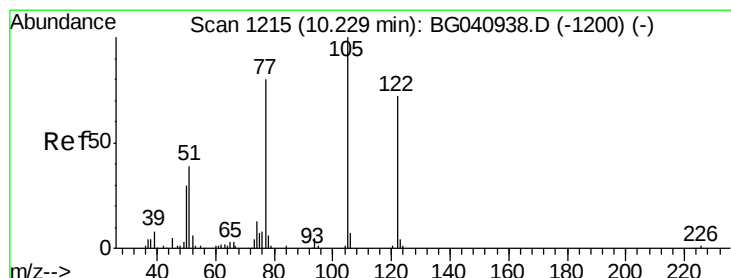
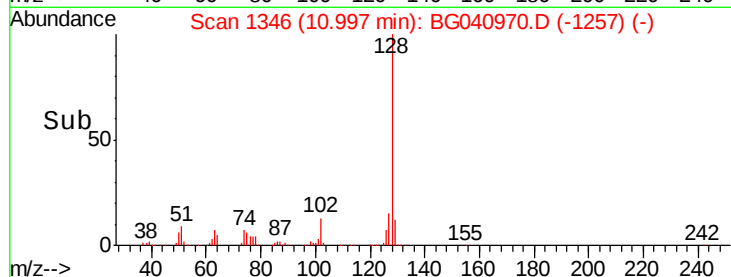
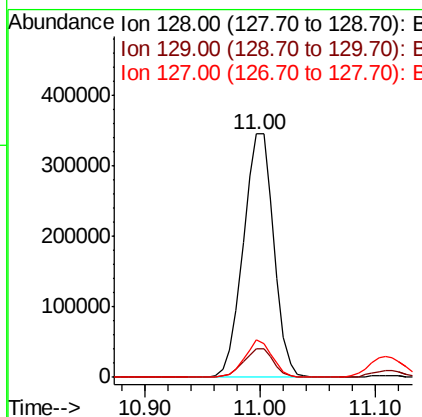
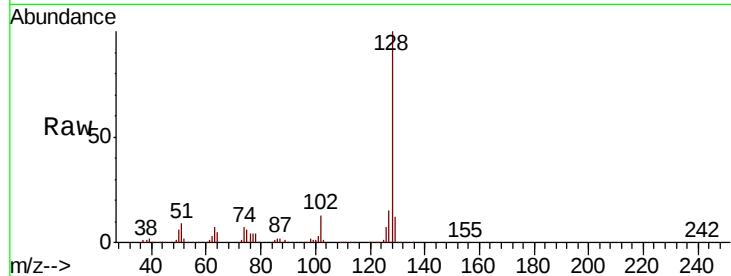
#31
Naphthalene
Concen: 42.943 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	15.2	11.4	17.2

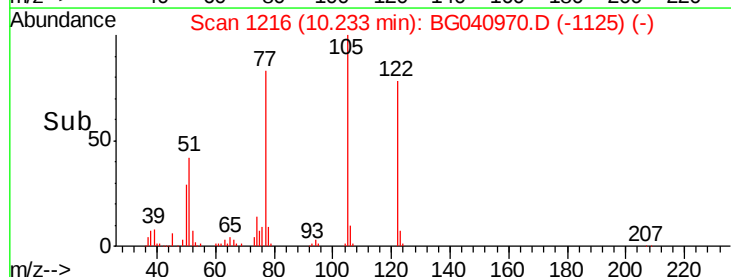
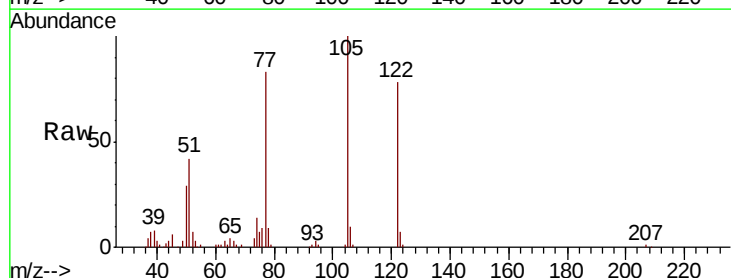
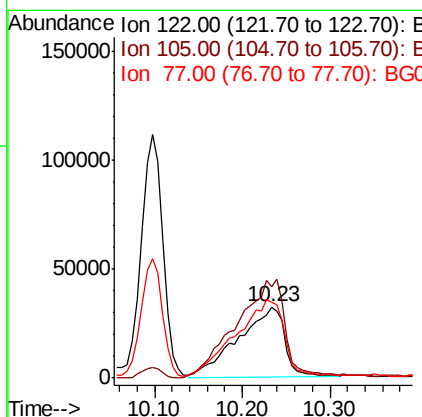
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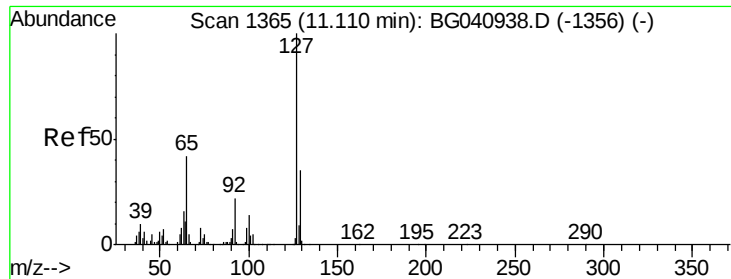
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#32
Benzoic acid
Concen: 37.090 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.5	114.8	154.8
77	106.7	89.9	129.9





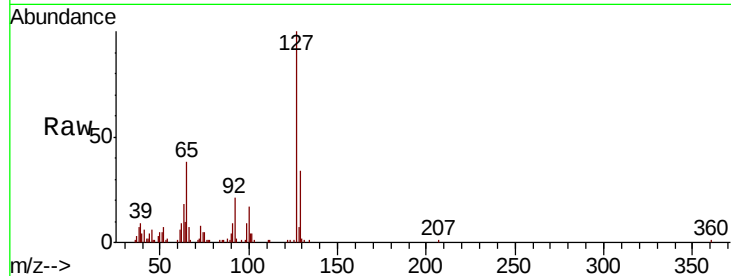
#33
4-Chloroaniline
Concen: 9.423 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

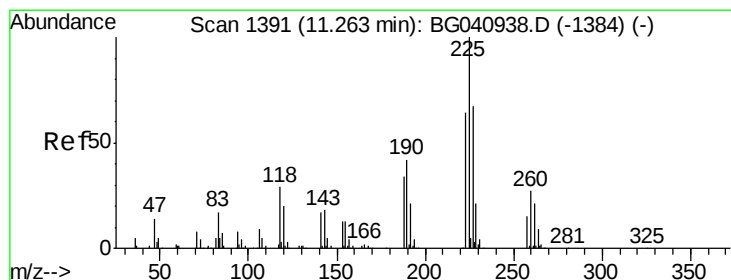
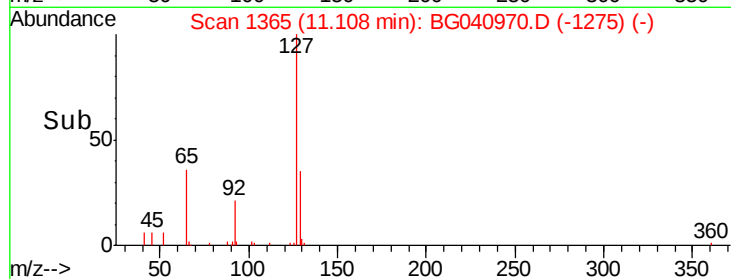
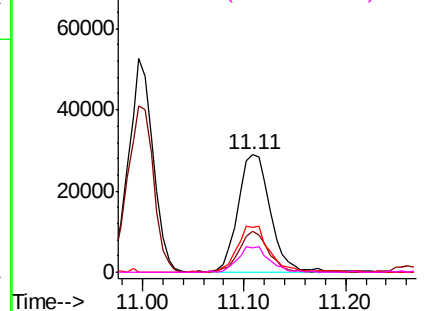
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64400		
129	34.5	27.7	41.5		
65	38.0	33.2	49.8		
92	21.1	17.2	25.8		

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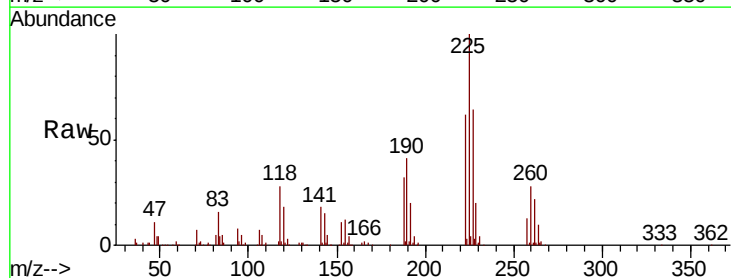


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

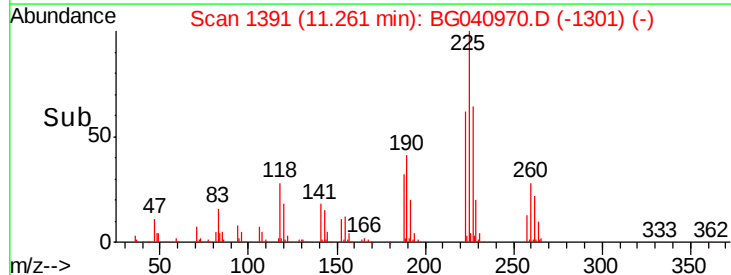
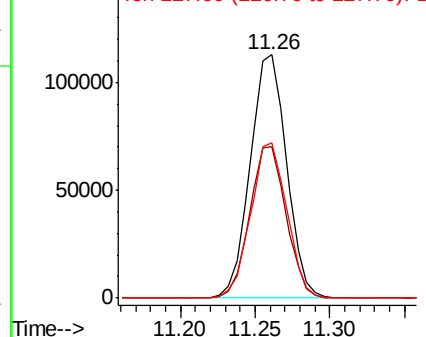


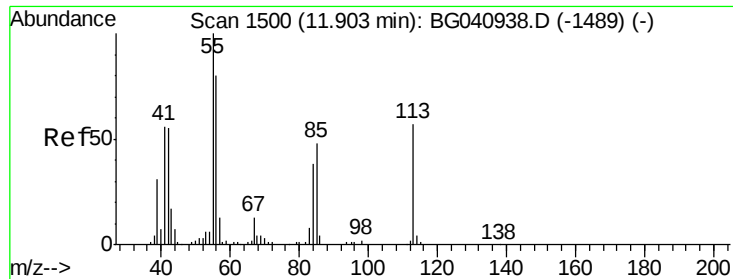
#34
Hexachlorobutadiene
Concen: 39.836 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		188803		
223	62.3	48.8	73.2		
227	66.7	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.775 ng/mL

RT: 11.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

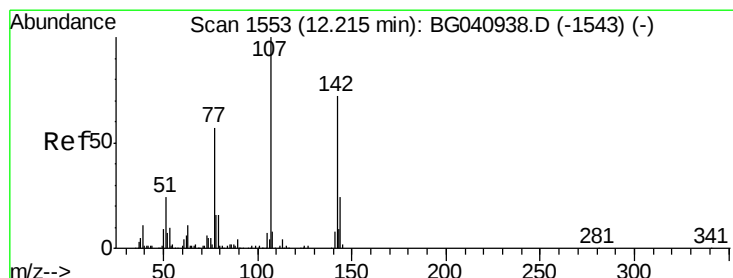
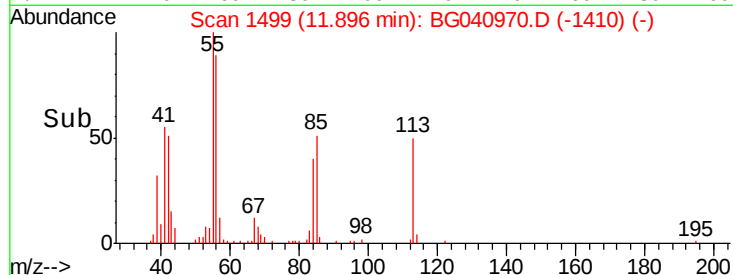
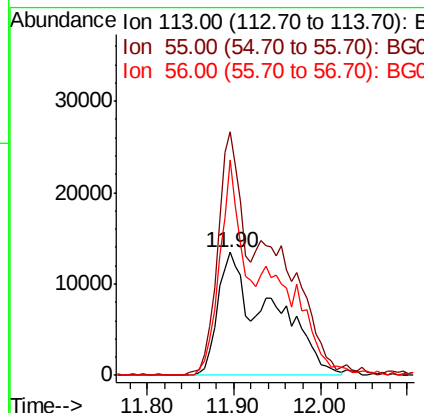
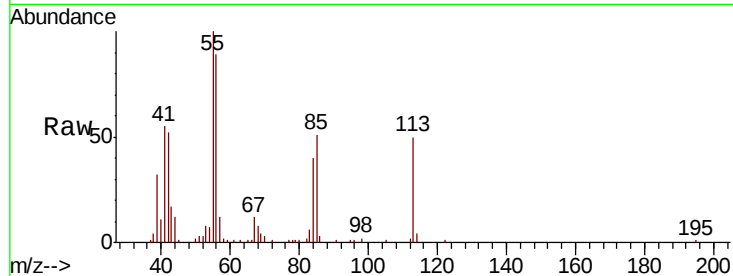
ClientSampled :

TP-2-SMSD

Tot Ion:	113	Resp:	57133
Ion Ratio	Lower	Upper	
113	100		
55	198.3	155.9	195.9#
56	175.8	119.9	159.9#

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#36

4-Chloro-3-methylphenol

Concen: 42.528 ng/mL

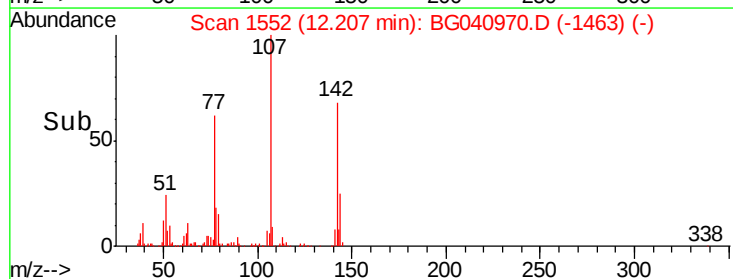
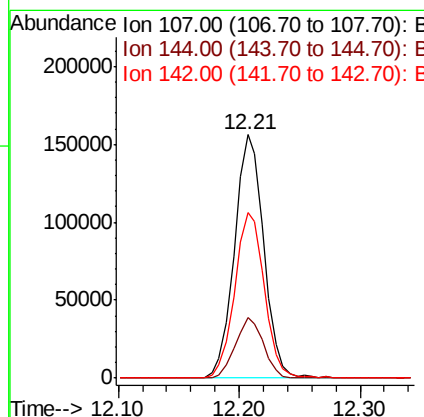
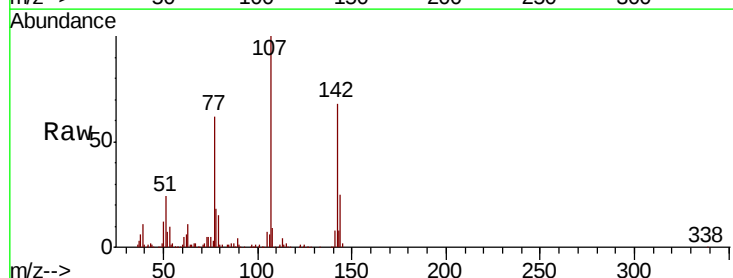
RT: 12.21 min Scan# 1552

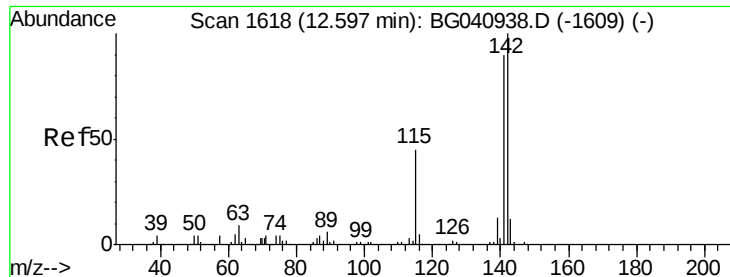
Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:	107	Resp:	264461
Ion Ratio	Lower	Upper	
107	100		
144	24.6	19.4	29.0
142	67.8	57.3	85.9





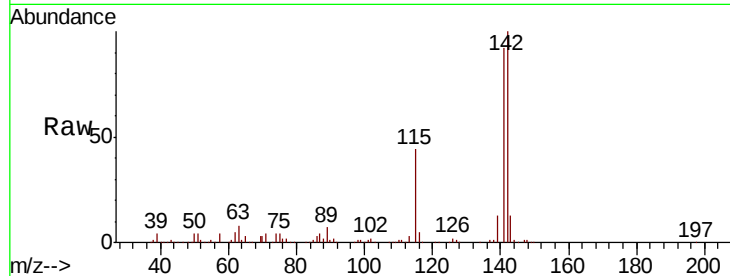
#37
2-Methylnaphthalene
Concen: 42.008 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.4
115	44.1	36.2	54.4

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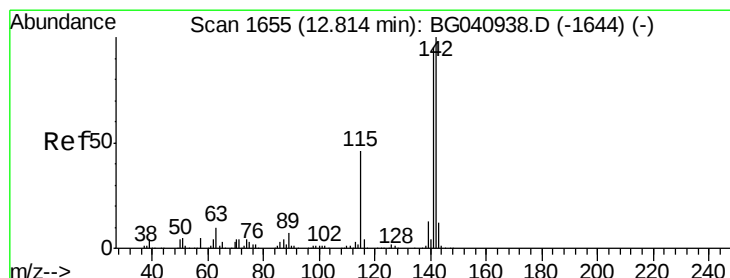
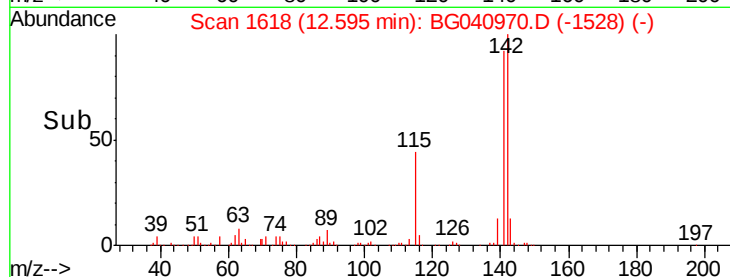
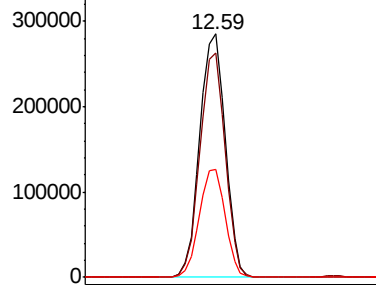


Abundance

Ion 142.00 (141.70 to 142.70): E

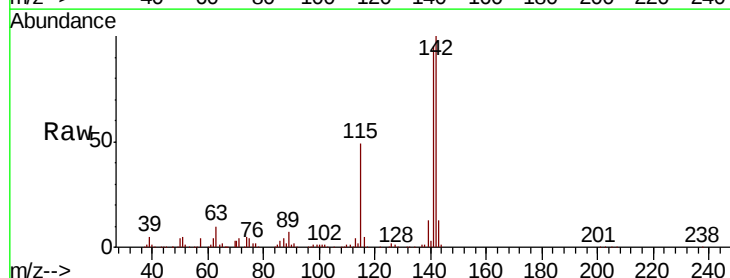
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.669 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.7	113.5
116	4.6	3.4	5.2

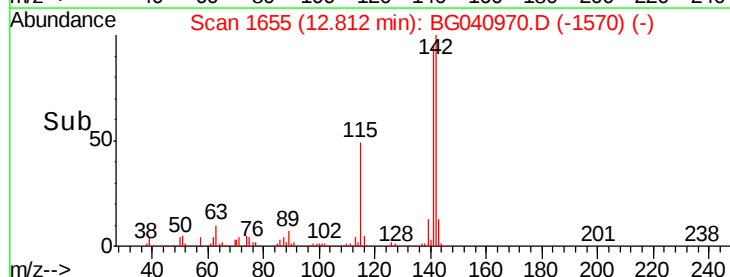
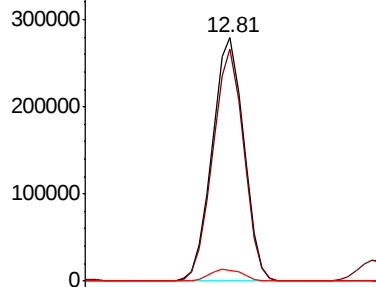


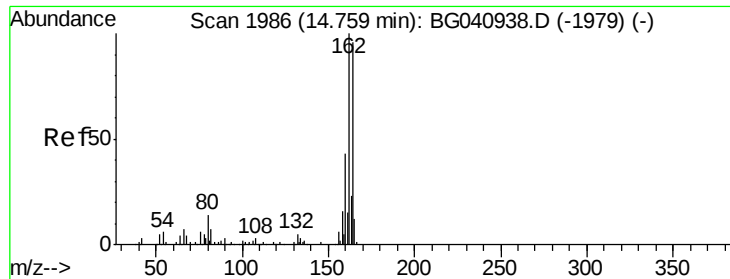
Abundance

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





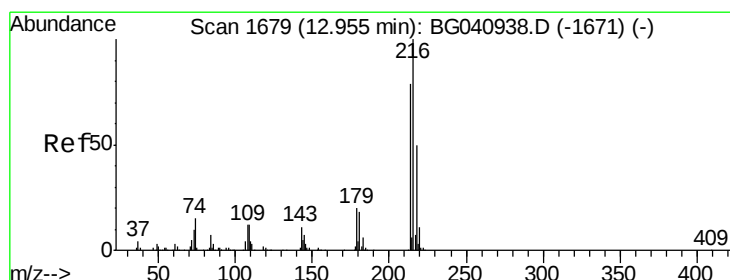
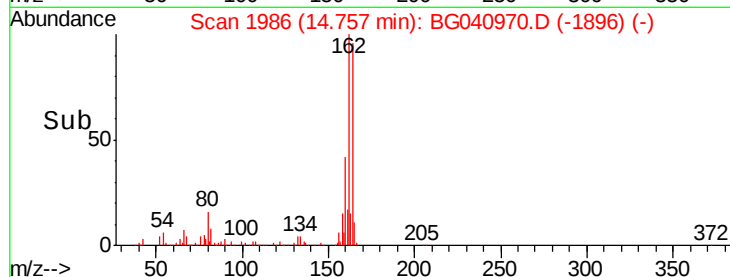
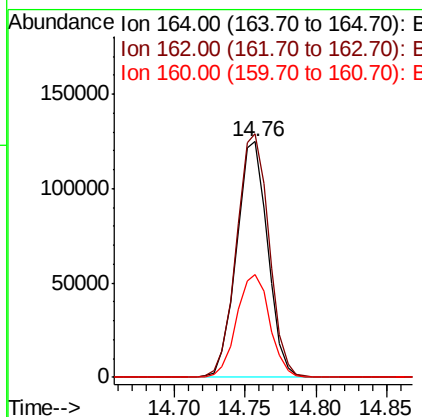
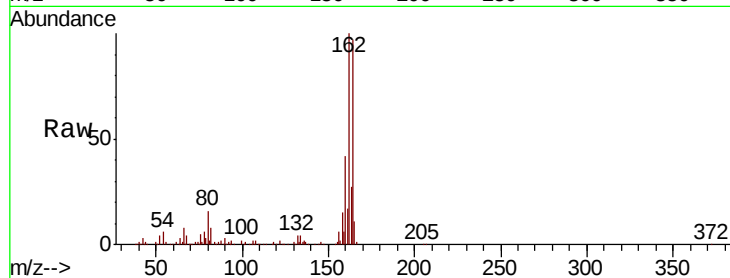
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	192091		
162	103.4	83.0	124.4	
160	43.6	35.6	53.4	

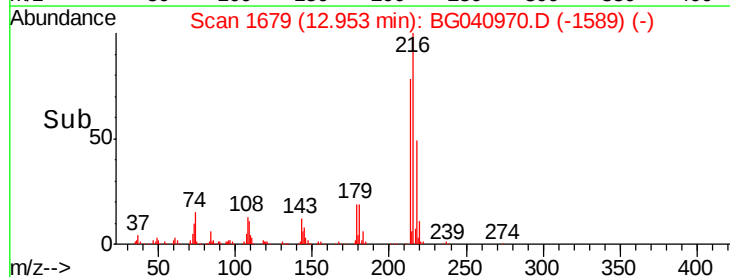
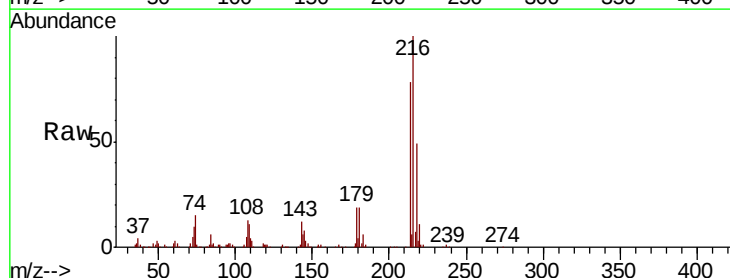
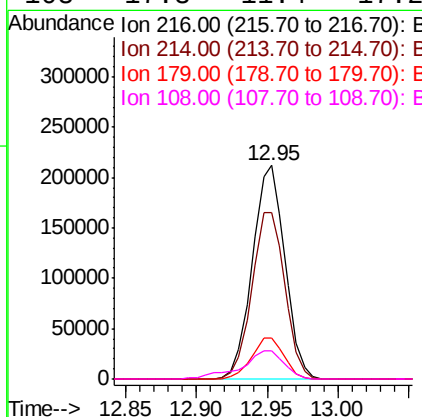
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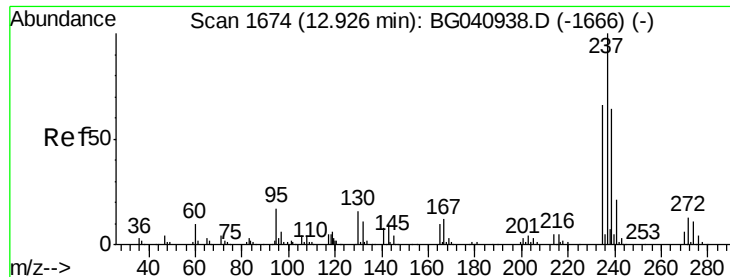
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.298 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	342971		
214	79.3	63.4	95.2	
179	19.4	15.2	22.8	
108	17.3	11.4	17.2#	





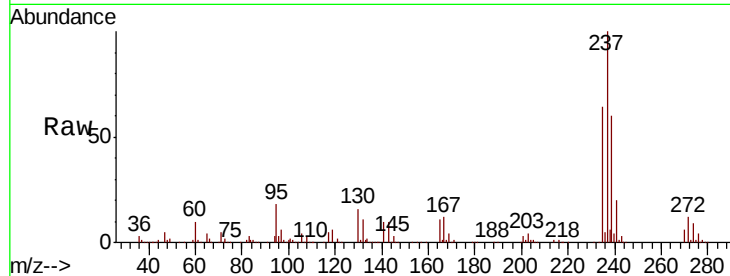
#41
Hexachlorocyclopentadiene
Concen: 93.779 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

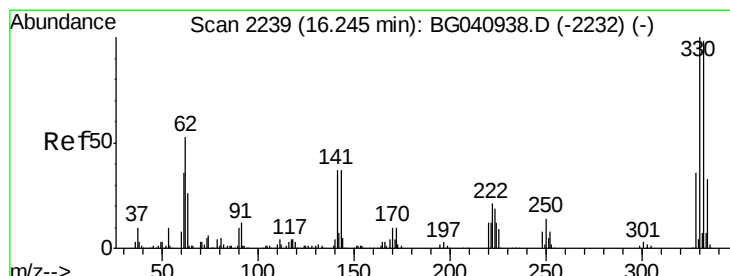
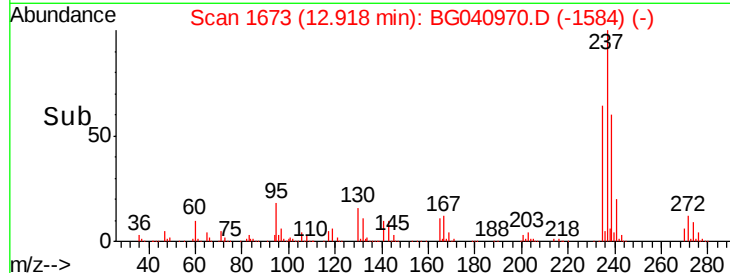
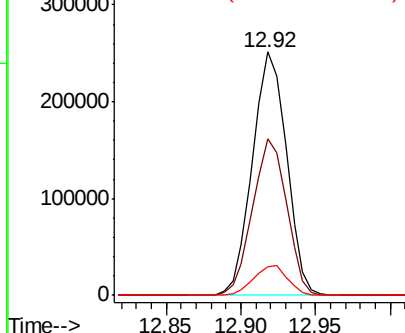
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	45.5	85.5
272	11.6	0.0	32.9

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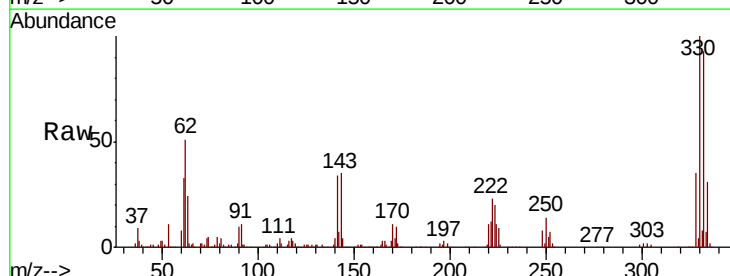


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

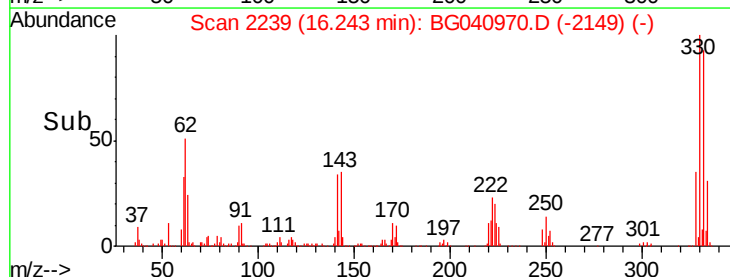
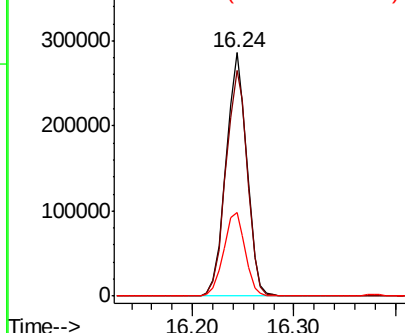


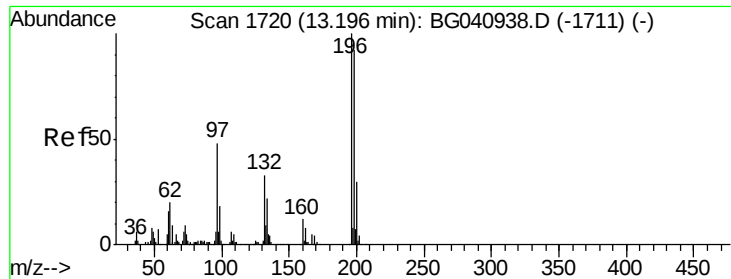
#42
2,4,6-Tribromophenol
Concen: 143.065 ng
RT: 16.24 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	78.5	117.7
141	35.3	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





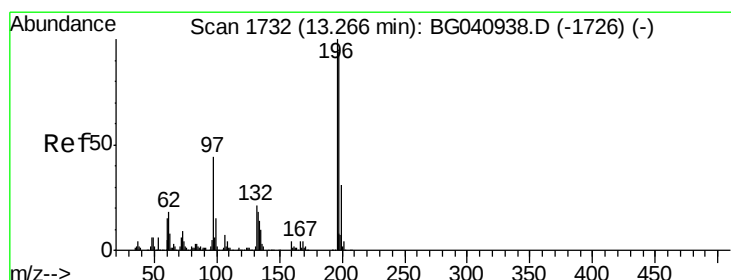
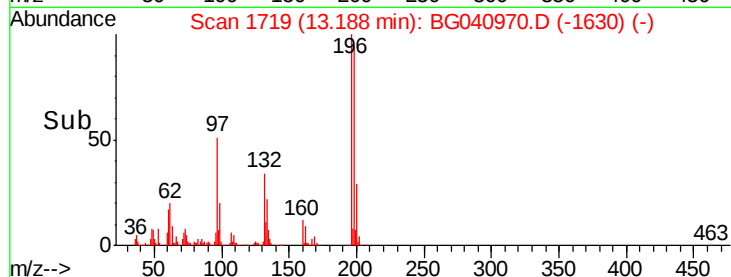
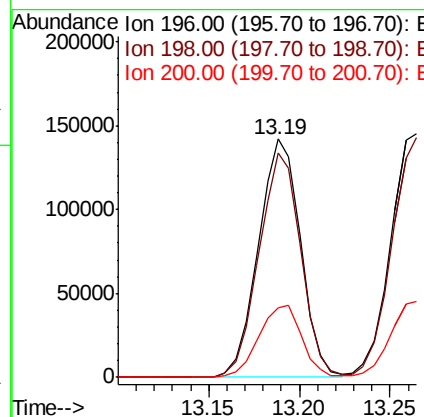
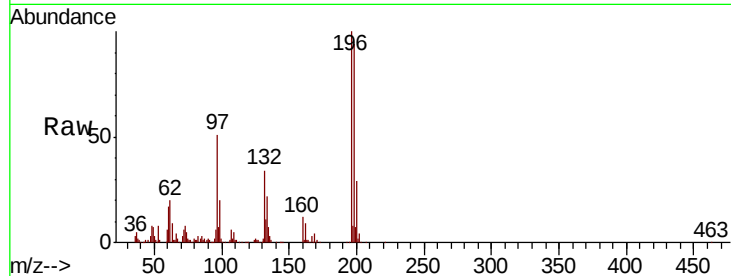
#43
 2,4,6-Trichlorophenol
 Concen: 45.585 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228318		
198	94.0	73.8	110.6	
200	28.9	24.1	36.1	

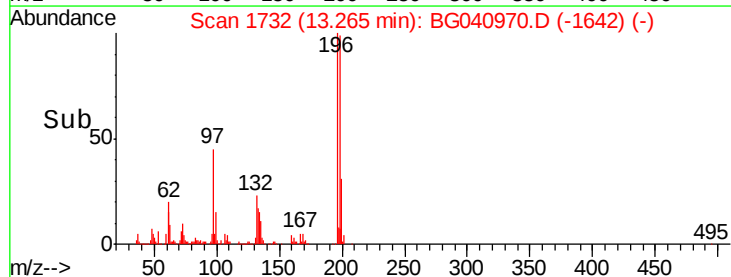
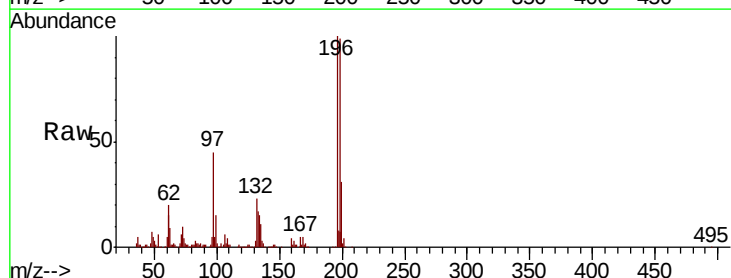
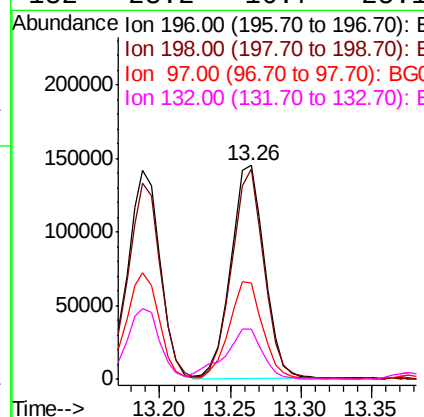
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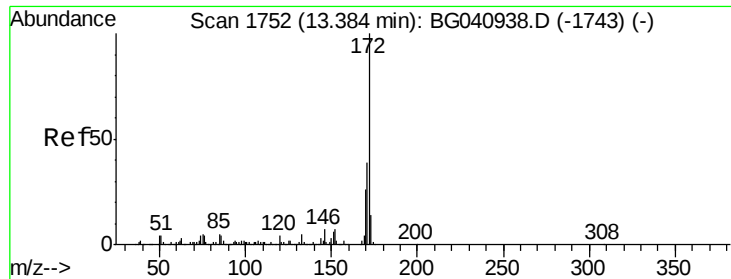
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#44
 2,4,5-Trichlorophenol
 Concen: 45.477 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240219		
198	98.6	75.1	112.7	
97	44.9	35.6	53.4	
132	23.2	16.7	25.1	





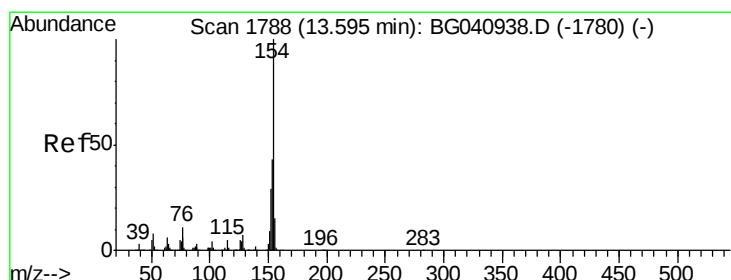
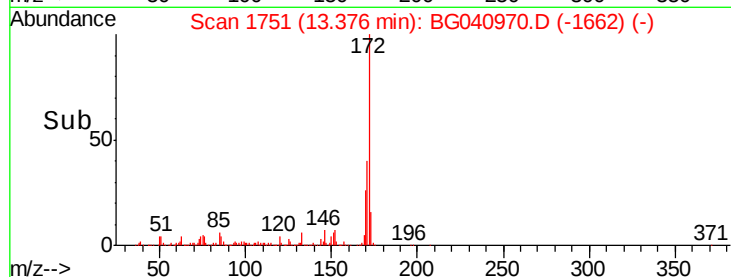
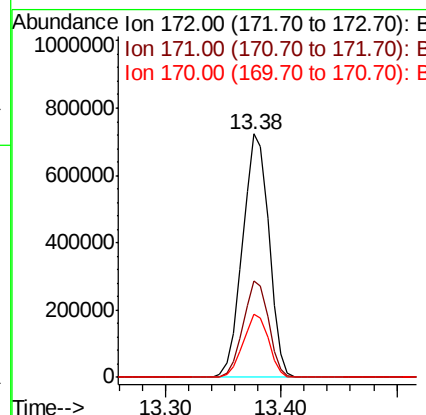
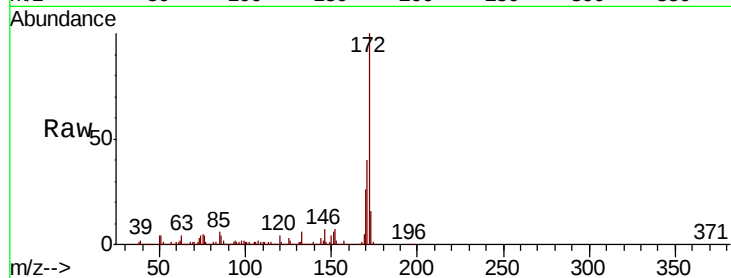
#45
2-Fluorobiphenyl
Concen: 85.584 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.1	46.7
170	26.1	20.5	30.7

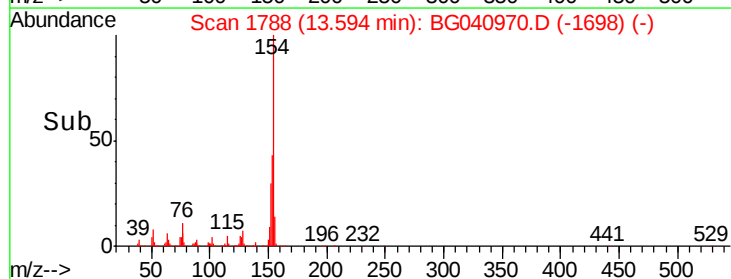
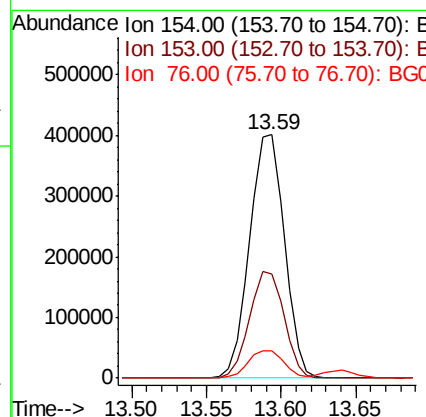
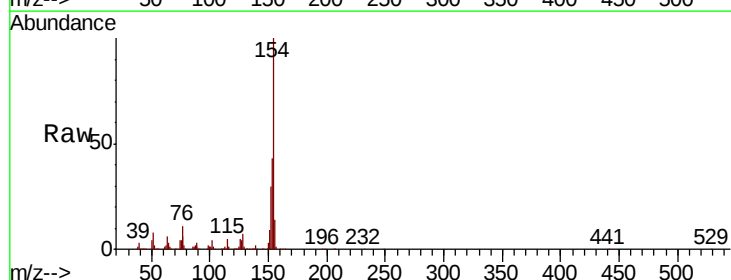
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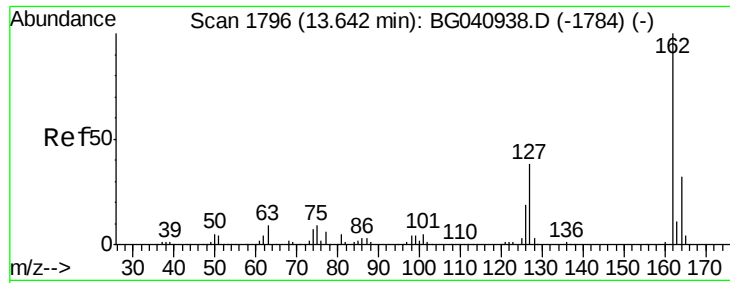
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#46
1,1'-Biphenyl
Concen: 45.444 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	23.3	63.3
76	11.1	0.0	31.1





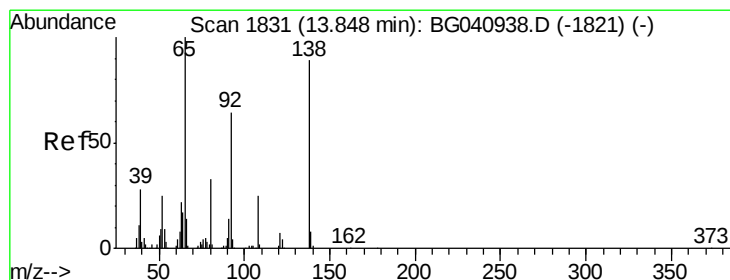
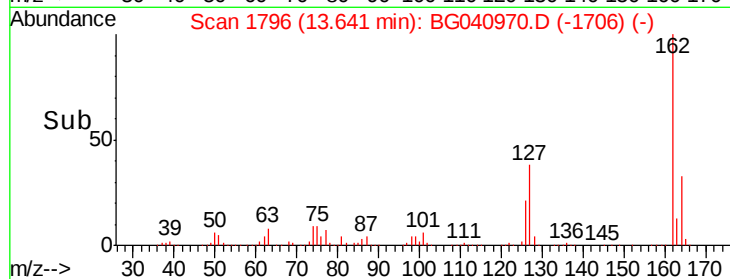
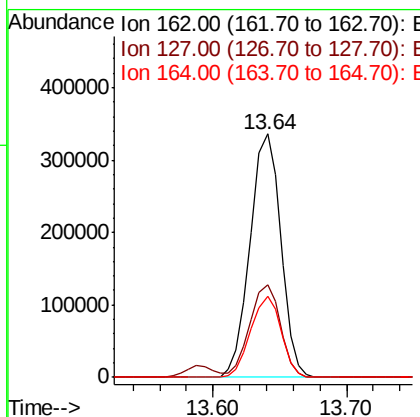
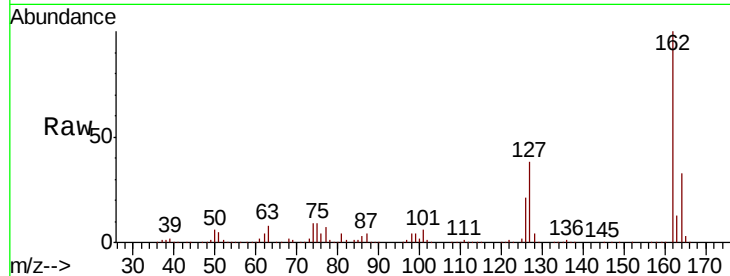
#47
 2-Chloronaphthalene
 Concen: 43.706 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.1	25.8	38.6

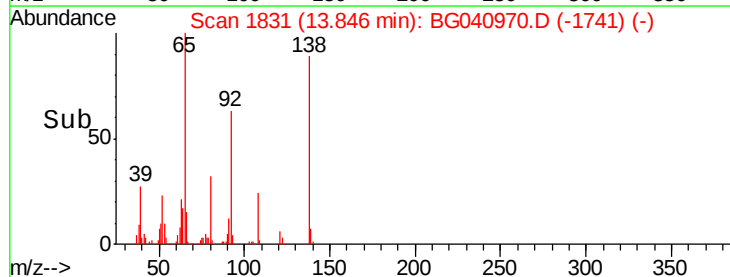
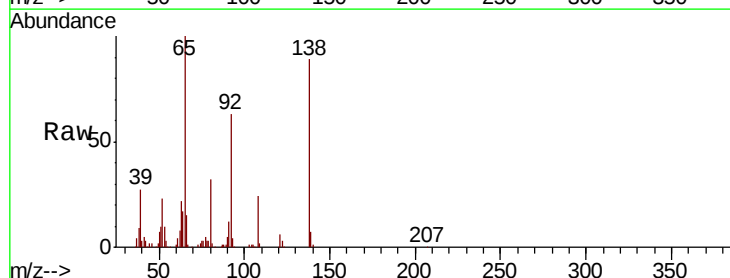
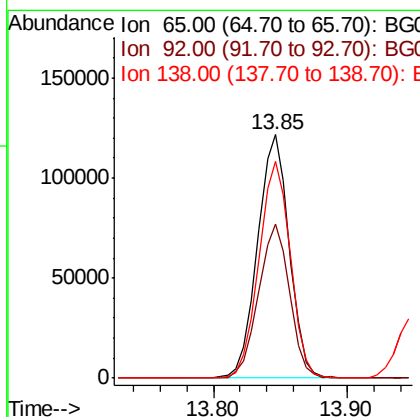
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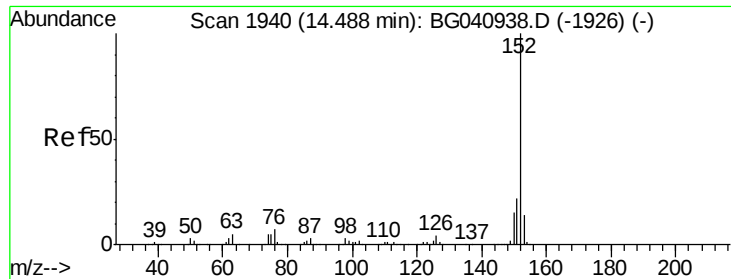
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#48
 2-Nitroaniline
 Concen: 45.236 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	51.0	76.6
138	89.0	71.2	106.8





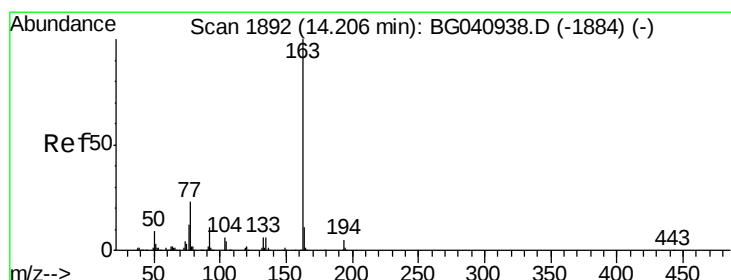
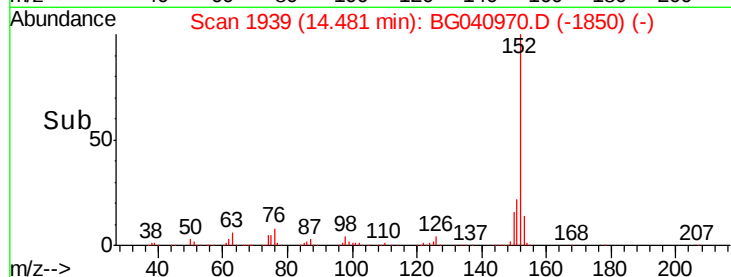
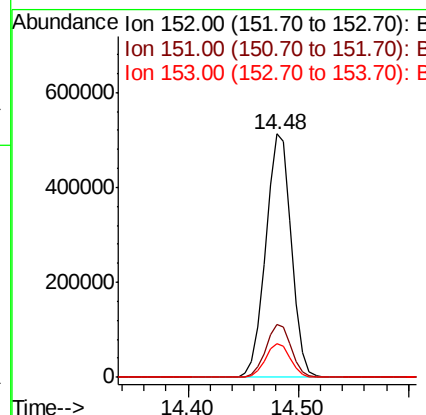
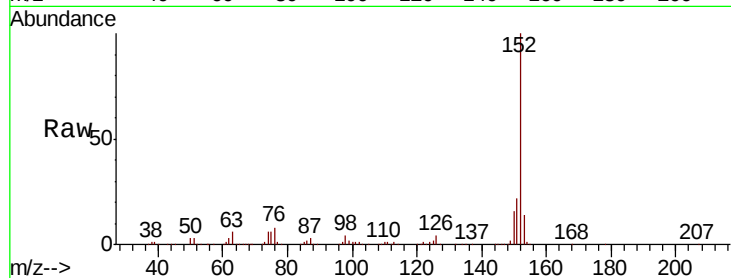
#49
Acenaphthylene
Concen: 45.294 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.0
153	14.1	11.0	16.4

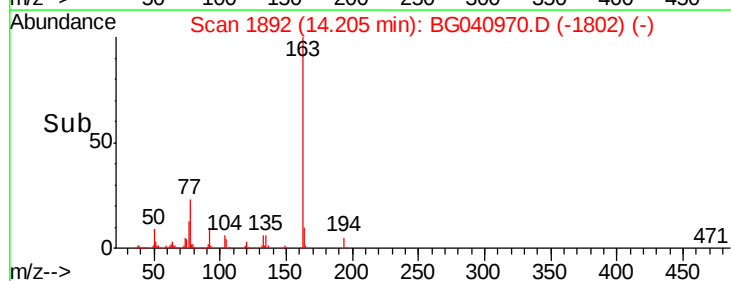
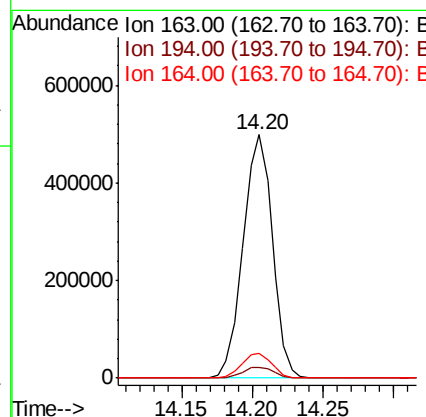
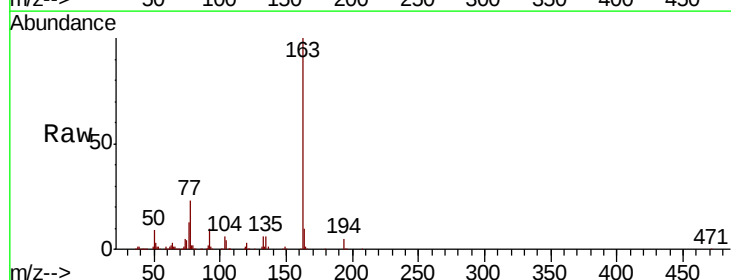
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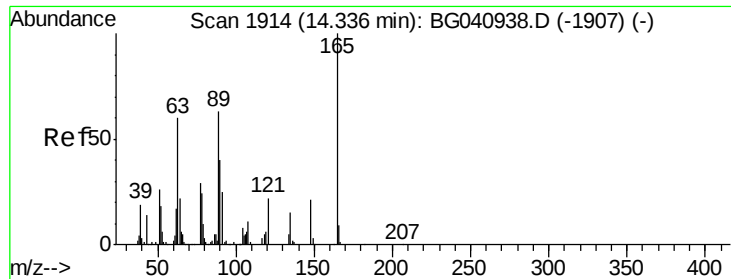
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#50
Dimethylphthalate
Concen: 44.637 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	10.3	8.7	13.1





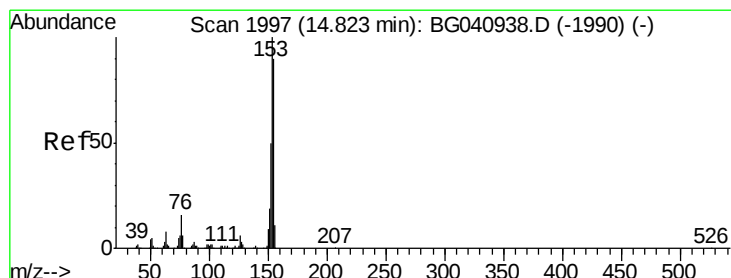
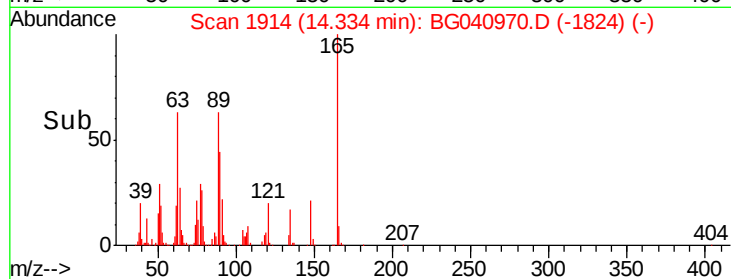
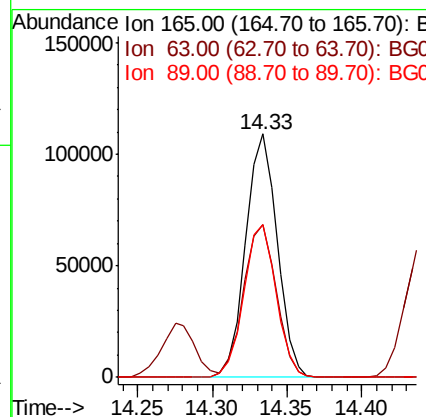
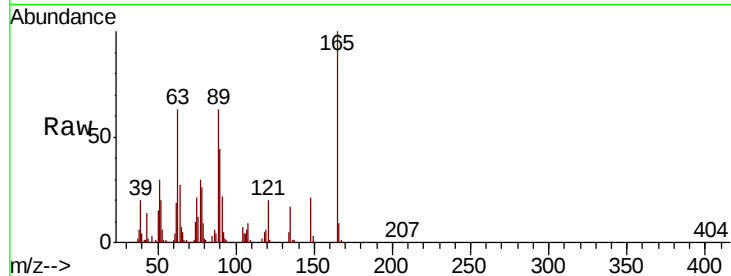
#51
 2,6-Dinitrotoluene
 Concen: 45.539 ng
 RT: 14.33 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion:	165	Resp:	159655
Ion Ratio	Lower	Upper	
165	100		
63	62.9	53.6	80.4
89	62.6	50.4	75.6

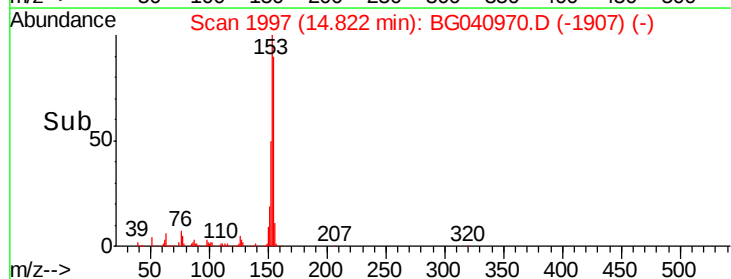
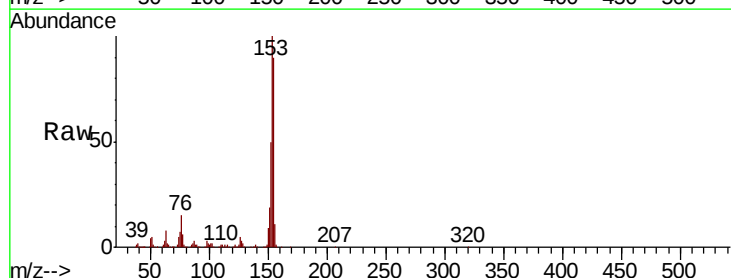
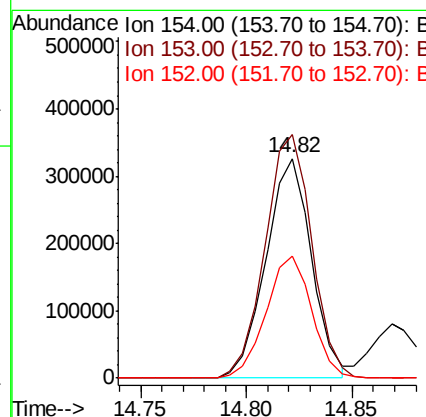
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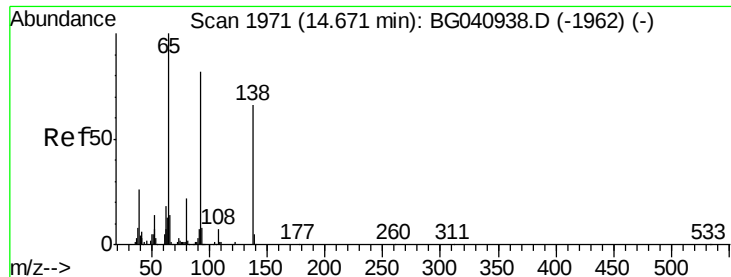
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#52
 Acenaphthene
 Concen: 43.961 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion:	154	Resp:	489271
Ion Ratio	Lower	Upper	
154	100		
153	110.9	88.6	133.0
152	55.7	44.2	66.4





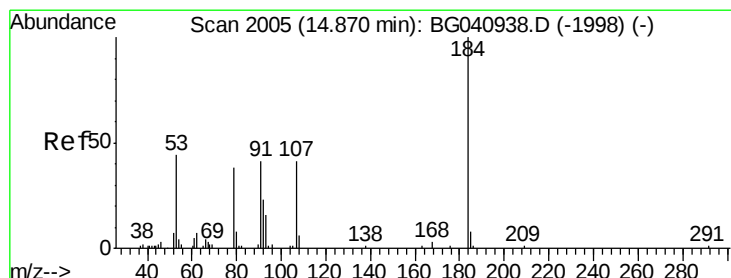
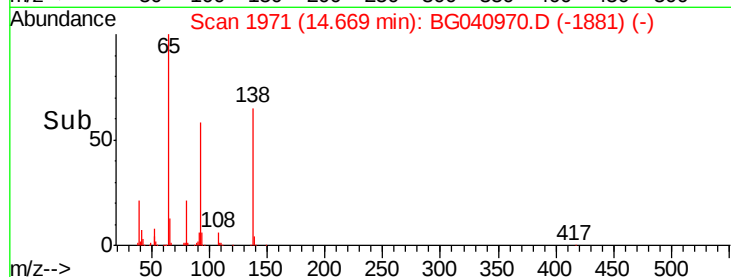
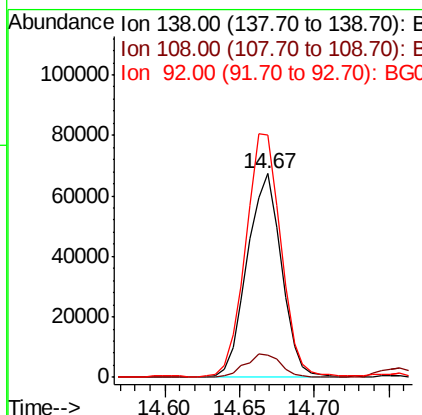
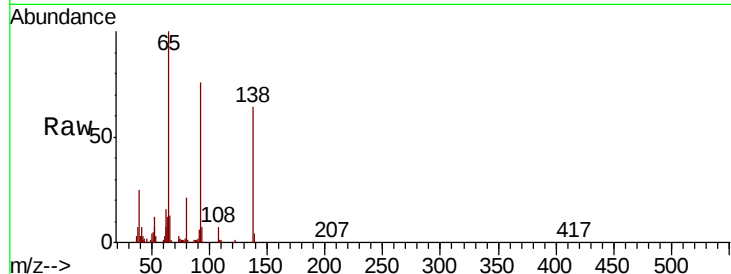
#53
3-Nitroaniline
Concen: 30.566 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampled :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	119.1	99.0	148.6

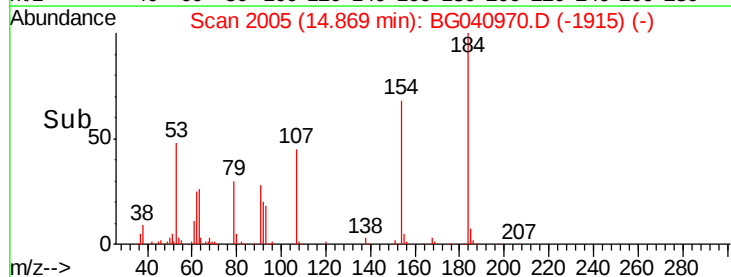
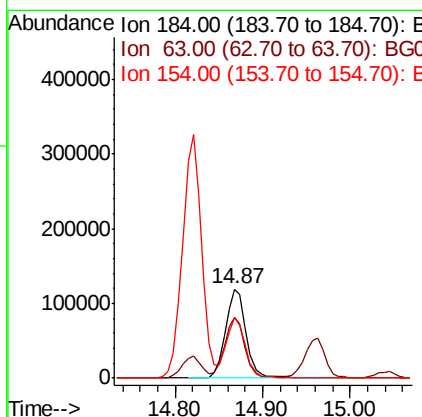
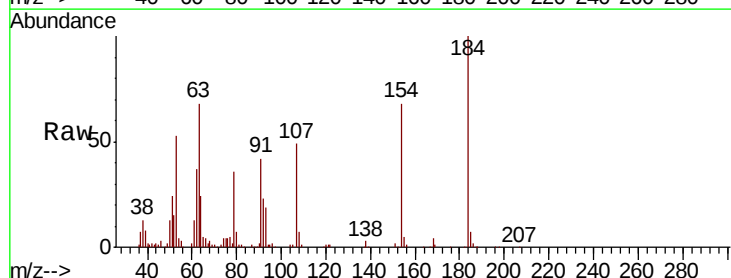
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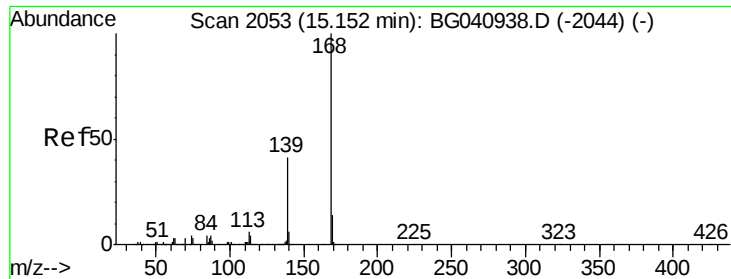
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#54
2,4-Dinitrophenol
Concen: 96.761 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	49.8	74.6
154	67.6	52.2	78.4





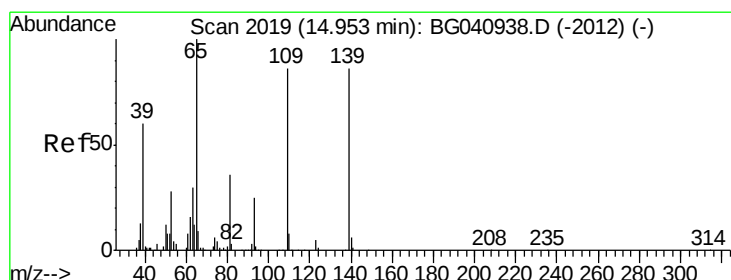
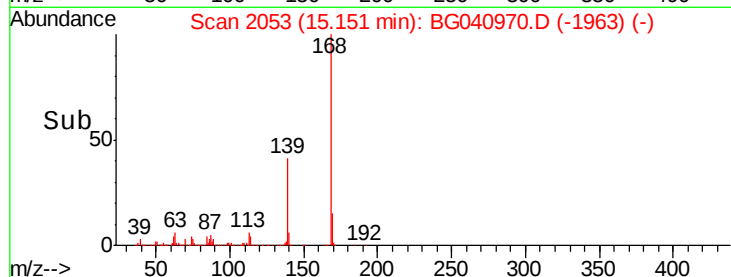
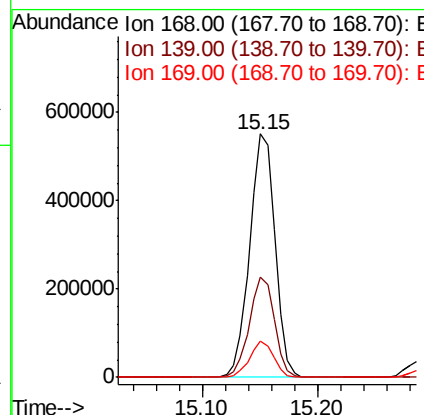
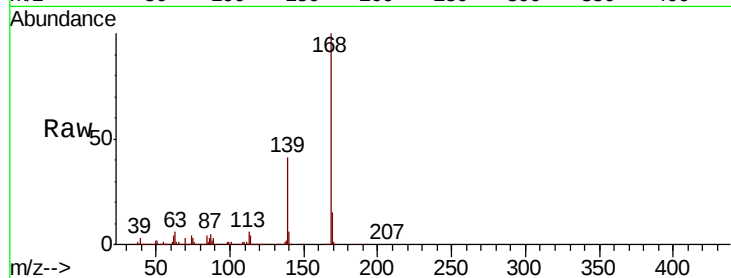
#55
Dibenzofuran
Concen: 44.854 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	839998		
139	41.3		32.8	49.2
169	14.8		11.3	16.9

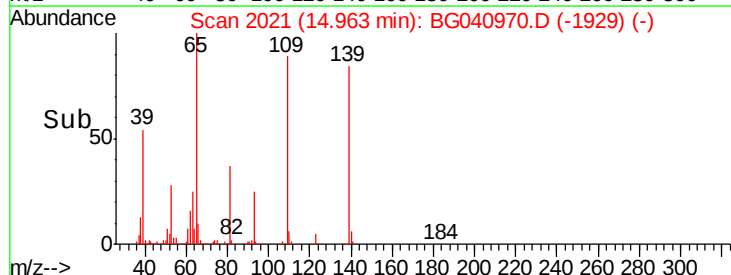
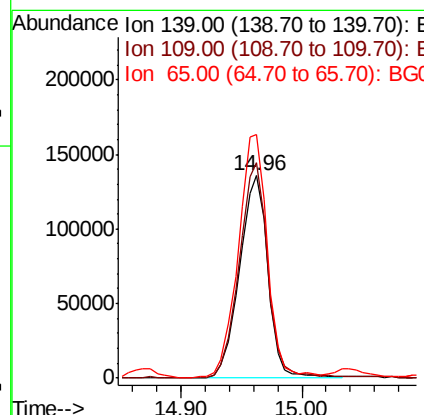
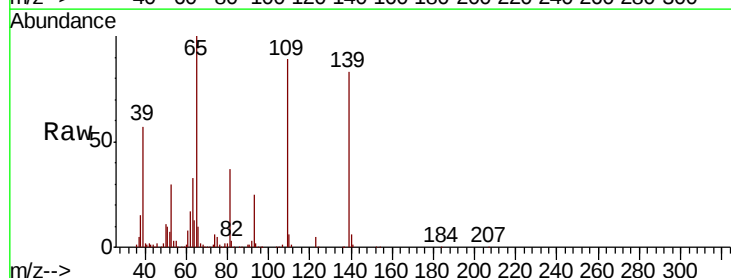
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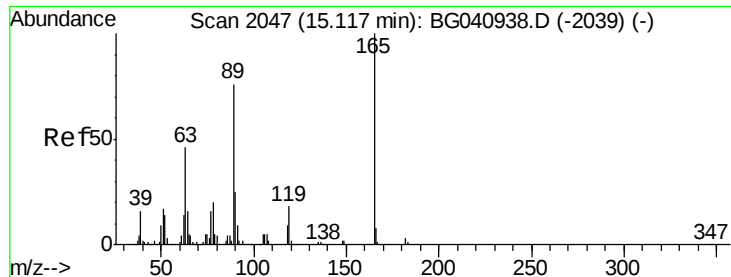
mohammad
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#56
4-Nitrophenol
Concen: 92.641 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	222770		
109	106.7		79.6	119.6
65	120.4		96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 46.938 ng

RT: 15.12 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

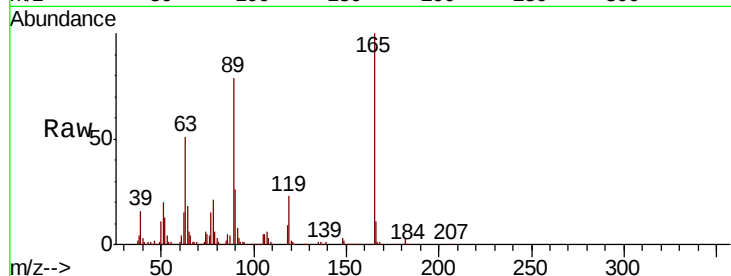
ClientSampleId :

TP-2-SMSD

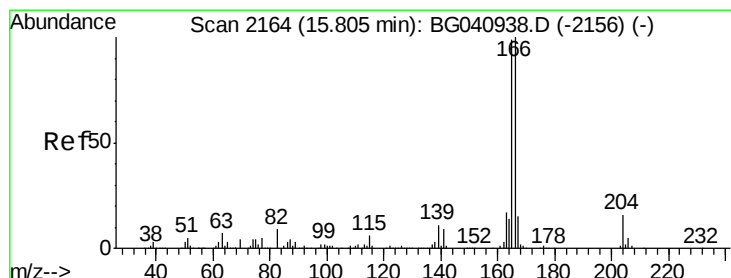
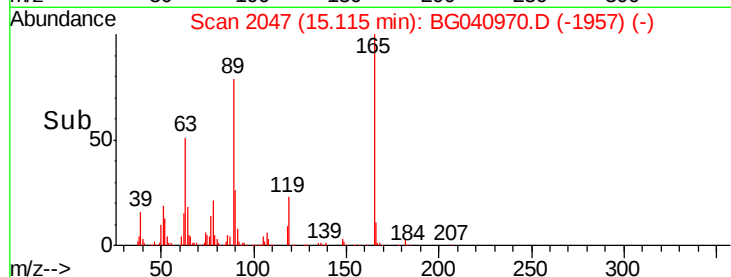
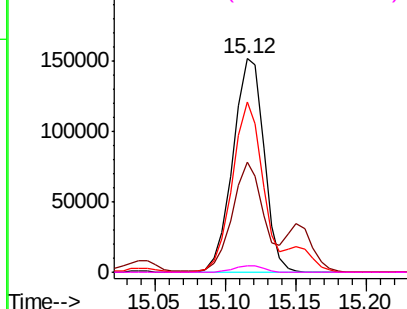
Tot Ion	Ratio	Resp	Lower	Upper
165	100	232455		
63	51.4	37.3	55.9	
89	79.4	61.0	91.6	
182	3.3	2.2	3.2	

Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.263 ng

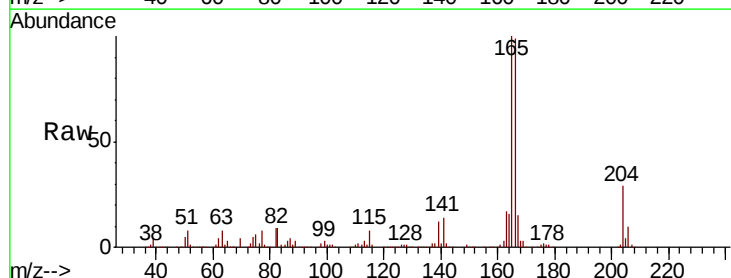
RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

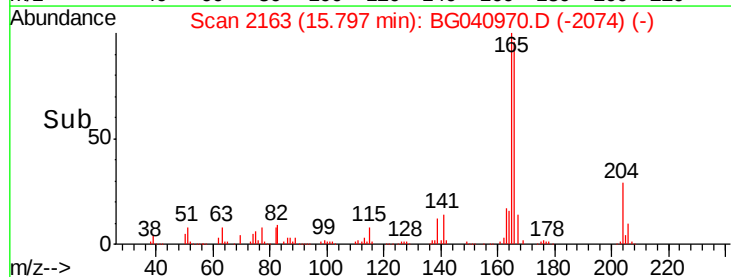
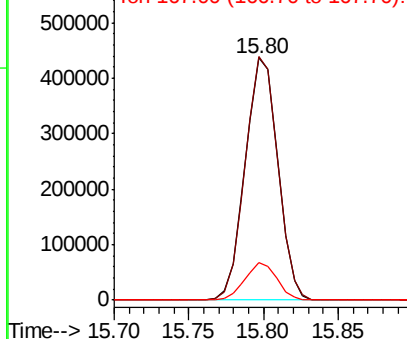
Lab File: BG040970.D

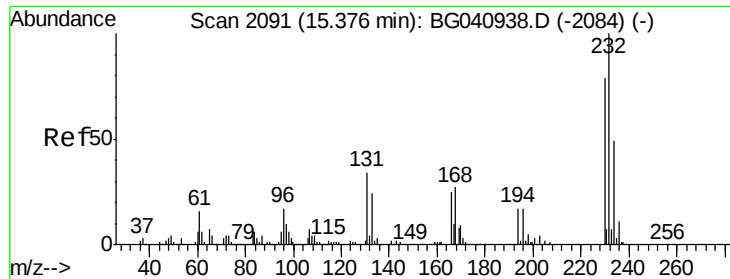
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	660142		
165	100.6	79.2	118.8	
167	15.3	11.8	17.6	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





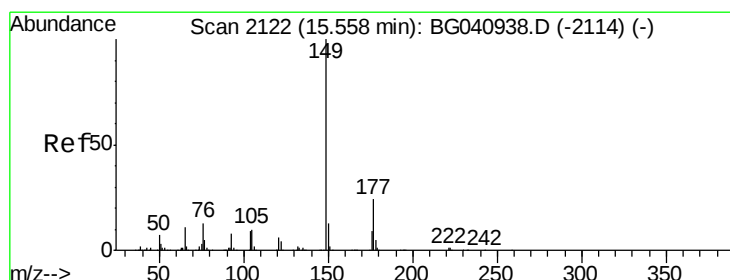
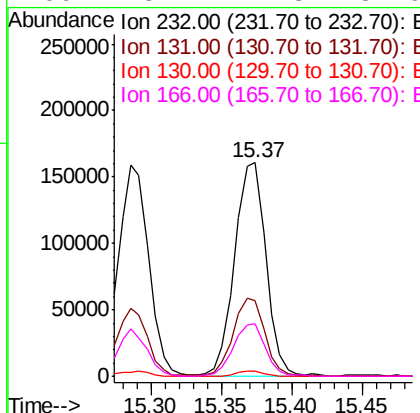
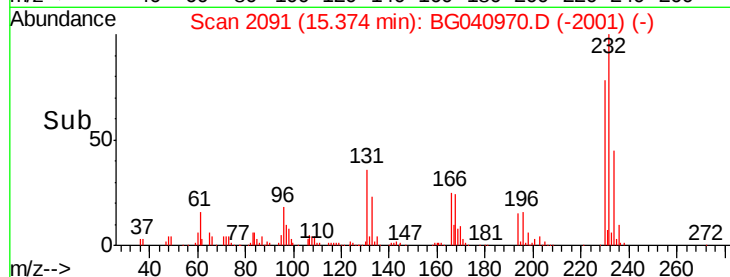
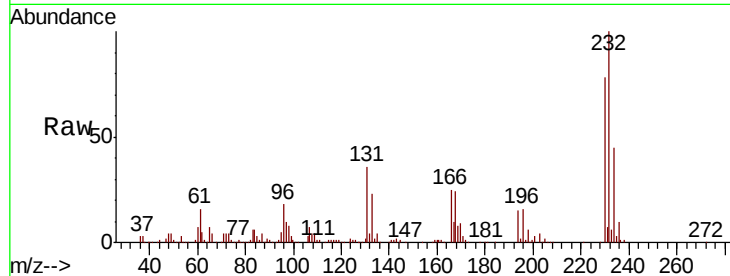
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.341 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		250945		
131	36.8	30.3	45.5		
130	2.2	1.8	2.8		
166	25.2	21.3	31.9		

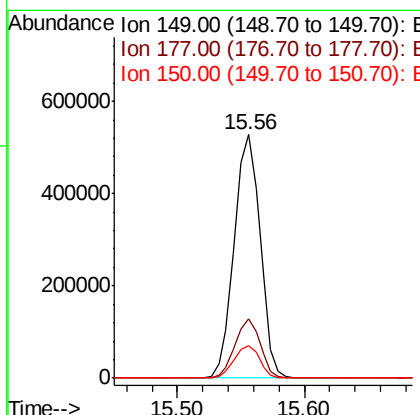
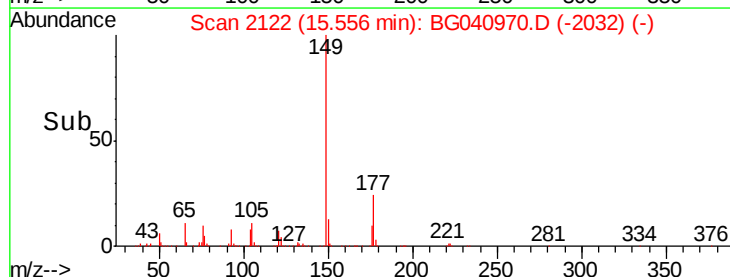
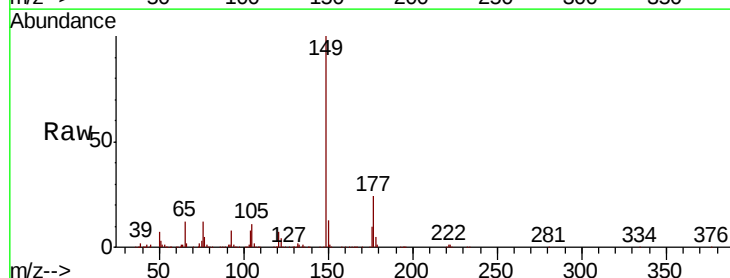
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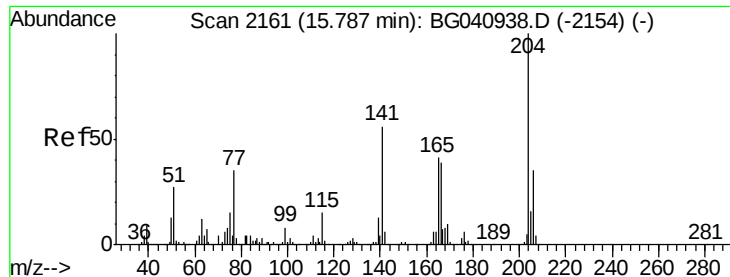
mohammad
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#60
 Diethylphthalate
 Concen: 44.862 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		744460		
177	24.3	19.4	29.0		
150	13.2	10.3	15.5		





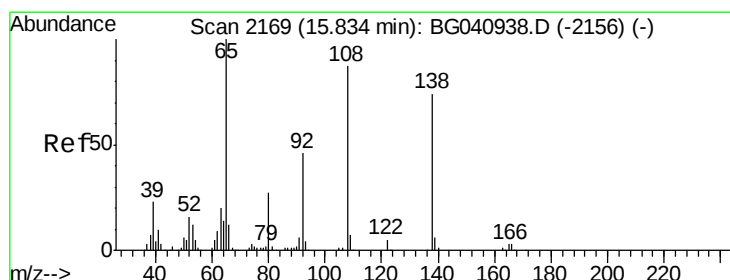
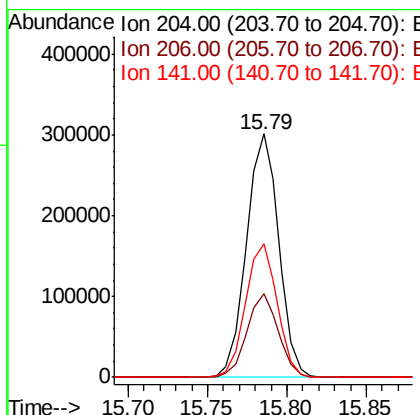
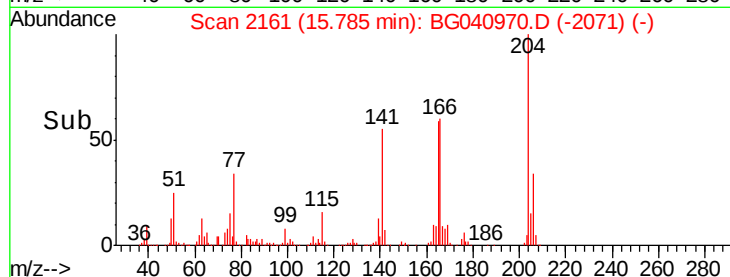
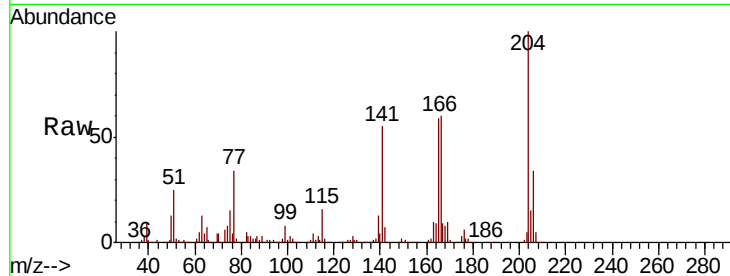
#61
4-Chlorophenyl-phenylether
Concen: 43.853 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.6	41.4
141	54.7	45.1	67.7

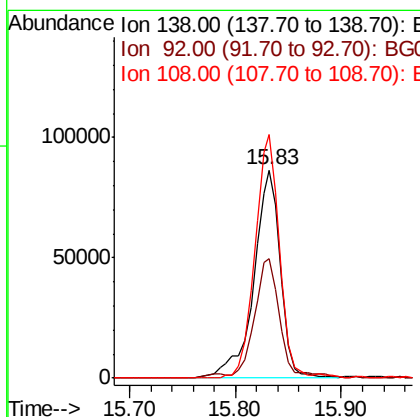
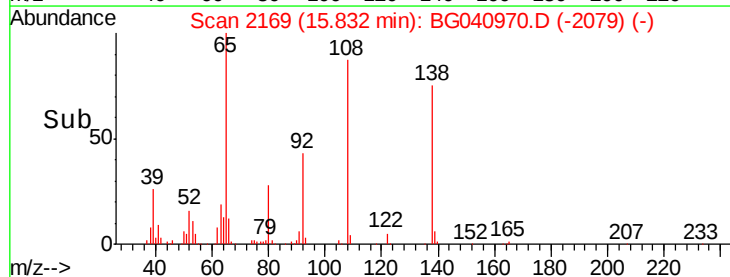
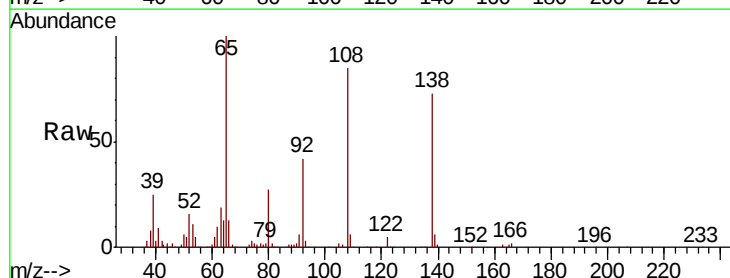
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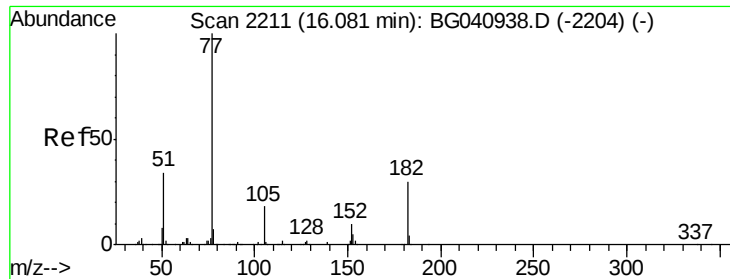
mohammad
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#62
4-Nitroaniline
Concen: 41.213 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	42.4	82.4
108	117.2	96.9	136.9





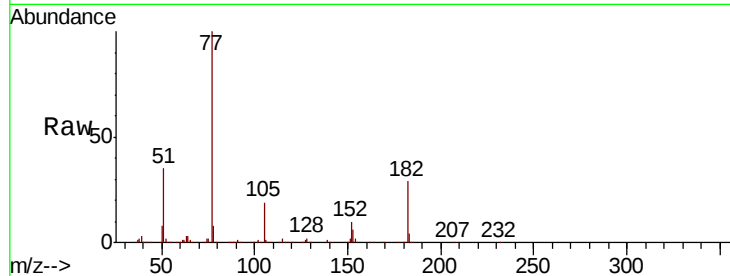
#63
Azobenzene
Concen: 44.847 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

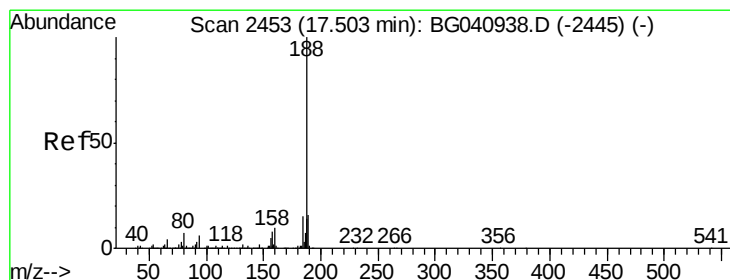
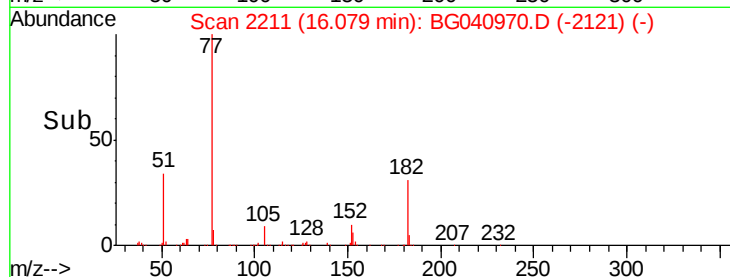
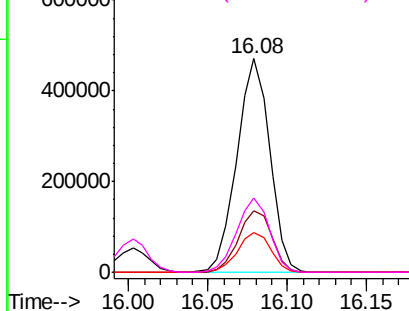
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		676396		
182	29.0	9.6	49.6		
105	18.6	0.0	37.5		
51	34.9	13.7	53.7		

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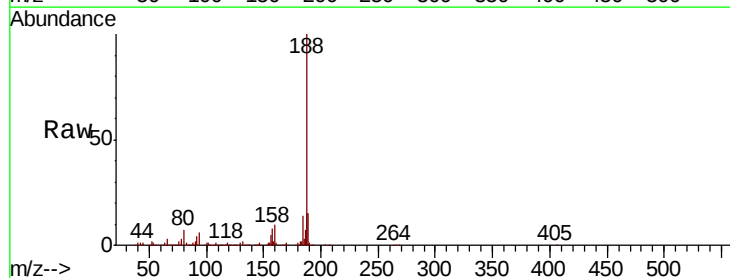


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

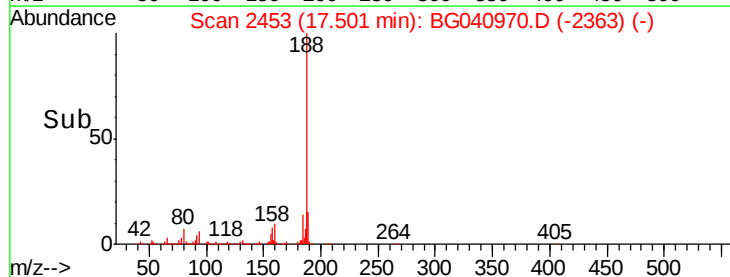
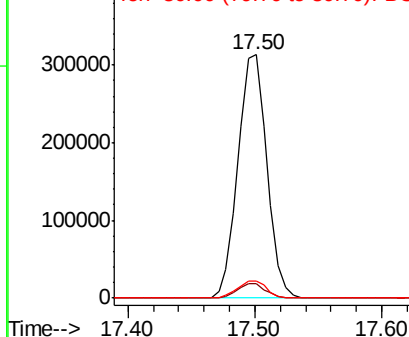


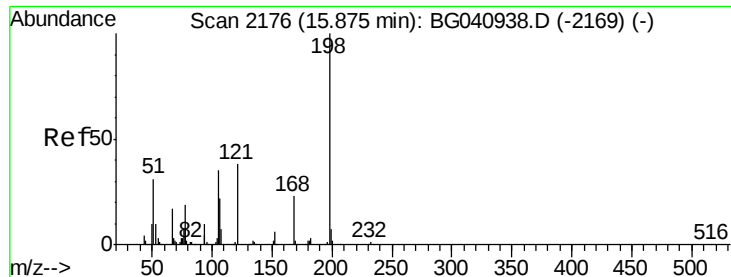
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		494538		
94	5.7	4.7	7.1		
80	6.8	5.8	8.8		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 50.022 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

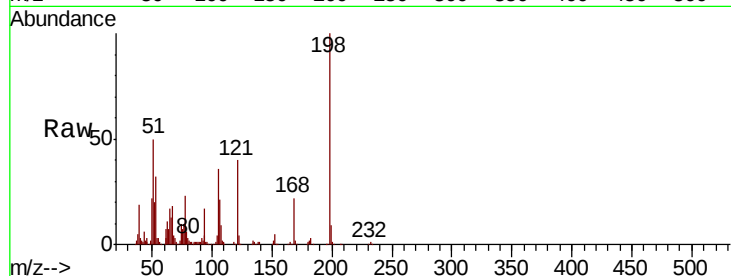
ClientSampleId :

TP-2-SMSD

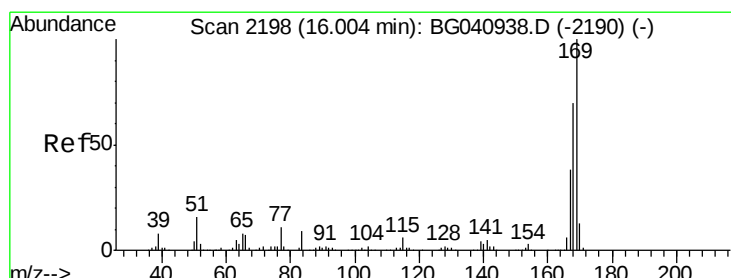
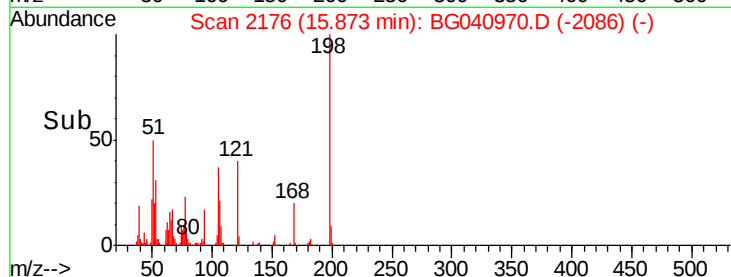
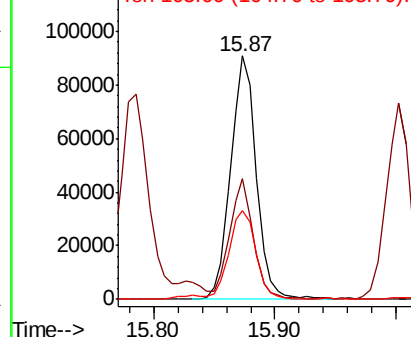
Tot Ion:	198	Resp:	133729
Ion Ratio	Lower	Upper	
198	100		
51	49.8	21.6	61.6
105	36.4	17.5	57.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.210 ng

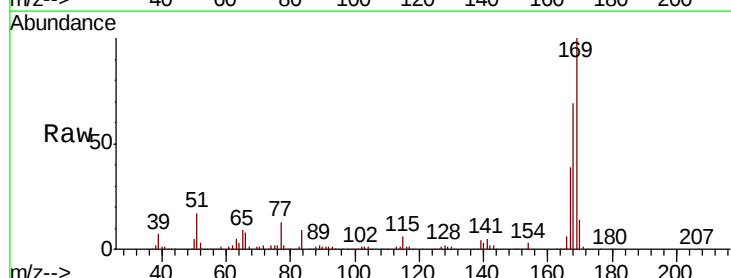
RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

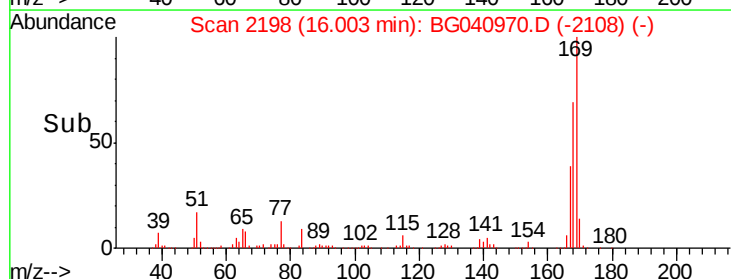
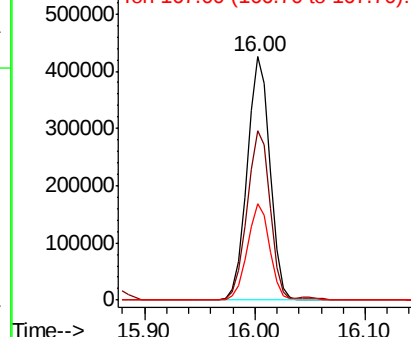
Lab File: BG040970.D

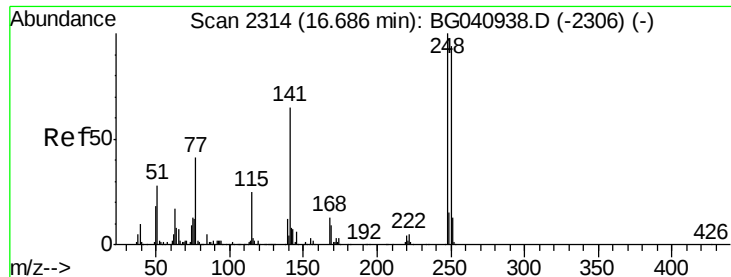
Acq: 31 May 2019 3:47

Tgt Ion:	169	Resp:	614611
Ion Ratio	Lower	Upper	
169	100		
168	69.3	55.7	83.5
167	39.4	30.2	45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





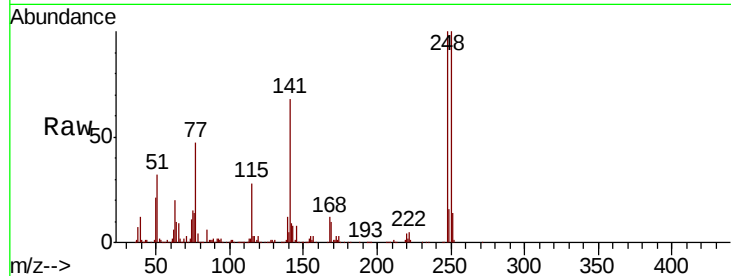
#67
4-Bromophenyl-phenylether
Concen: 41.588 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	75.0	112.4
141	67.7	52.4	78.6

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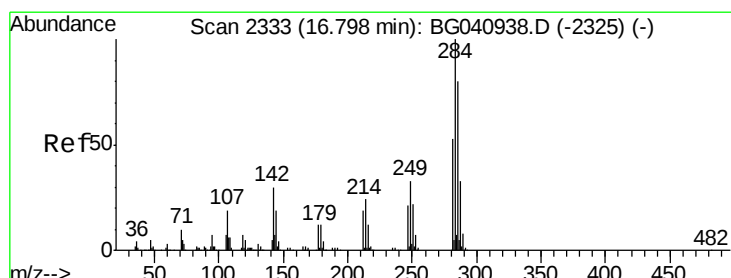
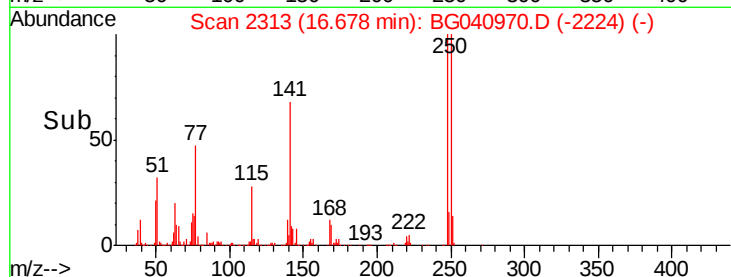
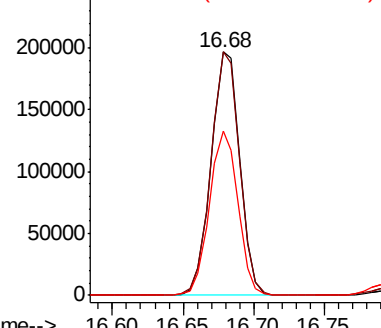


Abundance

Ion 248.00 (247.70 to 248.70): E

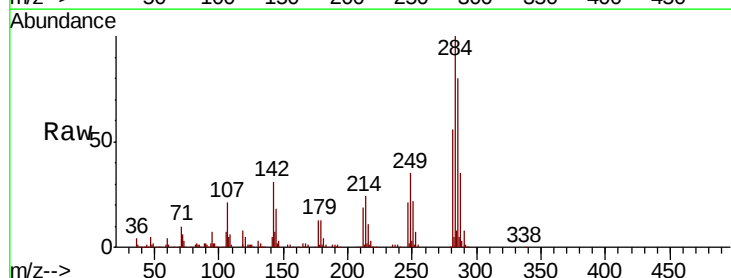
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.985 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.9	35.9
249	34.6	26.8	40.2

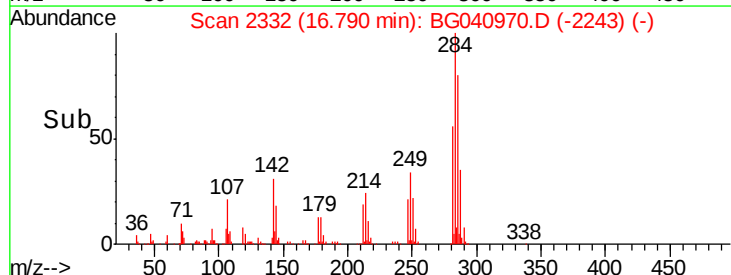
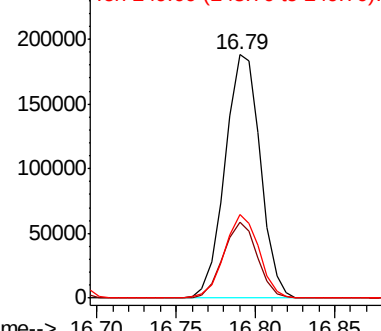


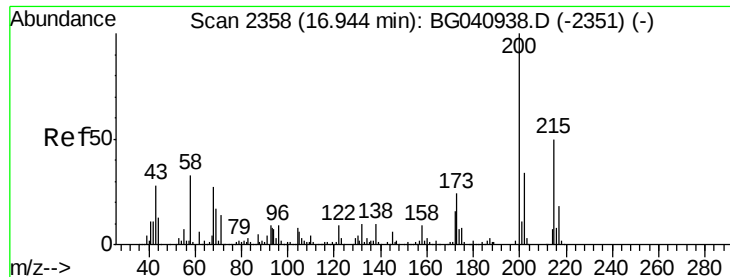
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





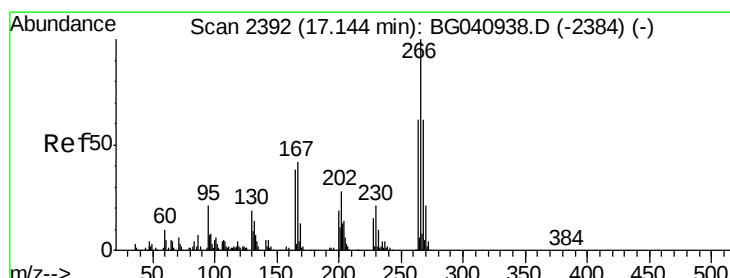
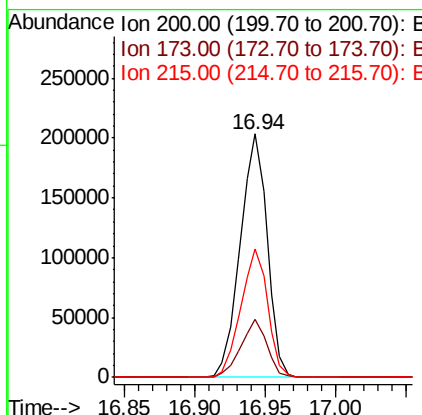
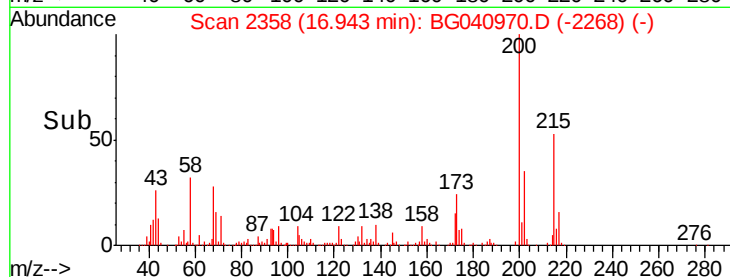
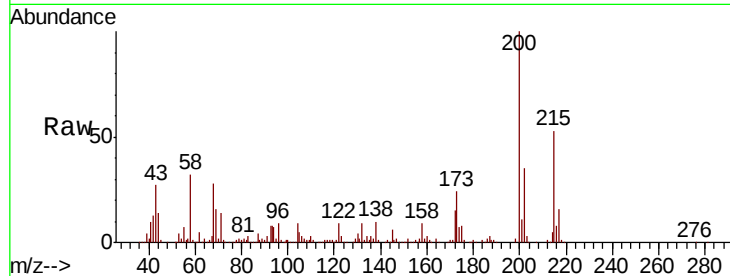
#69
Atrazine
Concen: 50.738 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampled :
TP-2-SMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.7	3.6	43.6
215	52.9	29.6	69.6

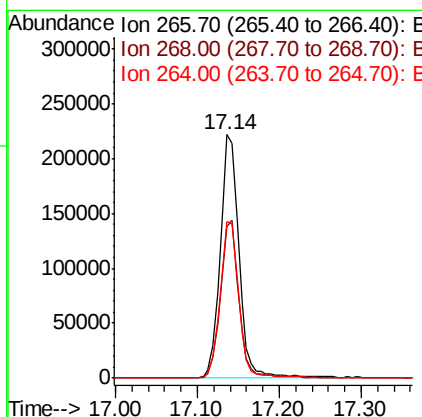
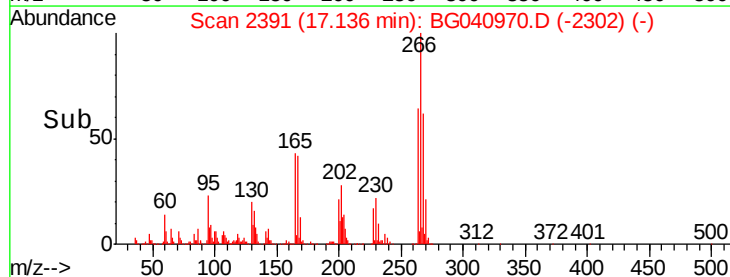
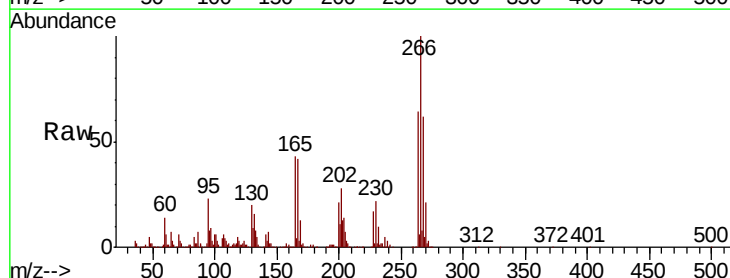
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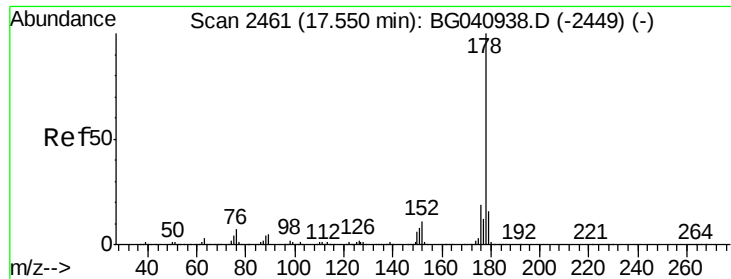
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#70
Pentachlorophenol
Concen: 92.811 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.1	53.1	79.7
264	64.5	49.9	74.9





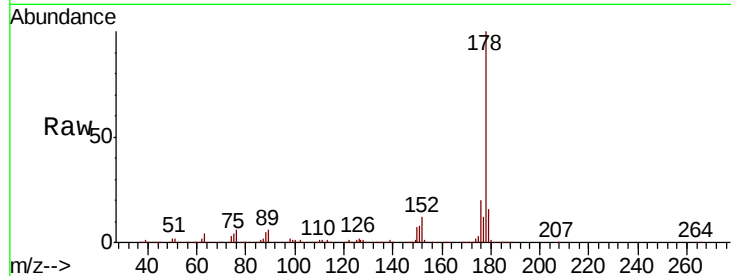
#71
Phenanthrene
Concen: 43.715 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.5	23.3
179	16.1	12.7	19.1

Manual Integrations
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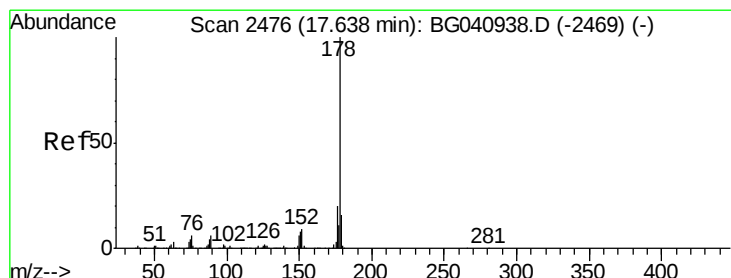
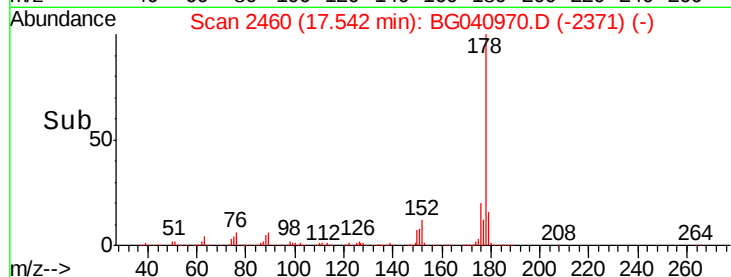
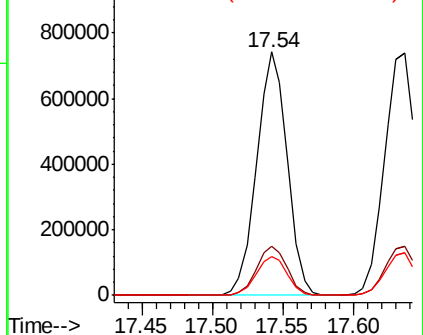


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 45.400 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

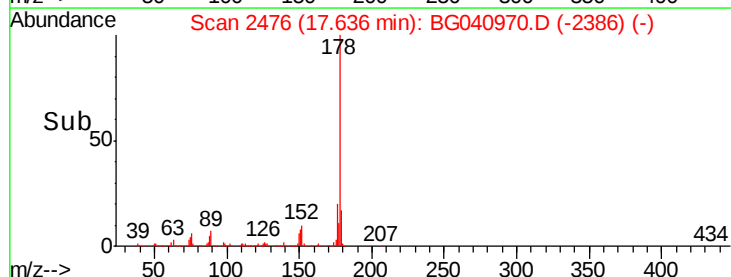
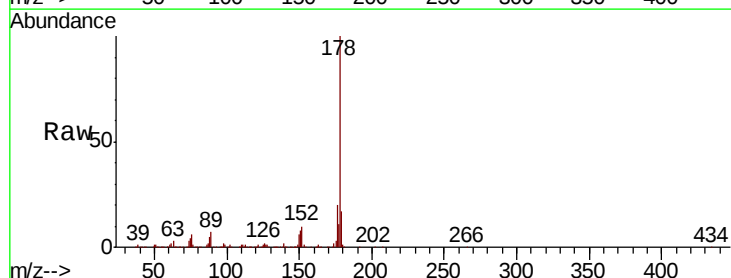
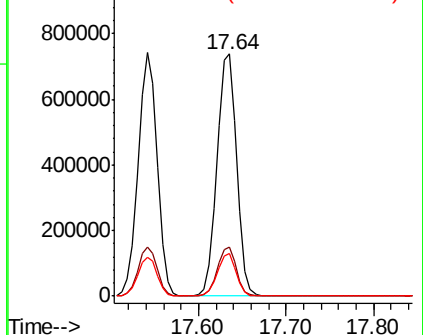
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.6	23.4
179	17.4	13.0	19.4

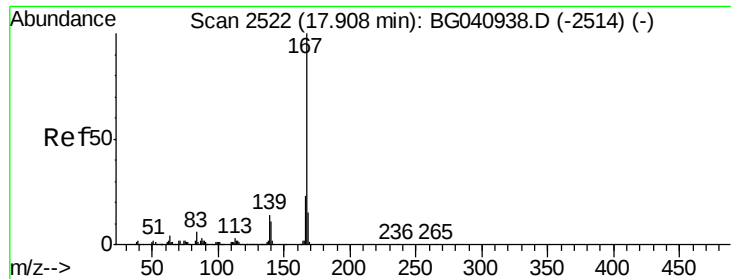
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





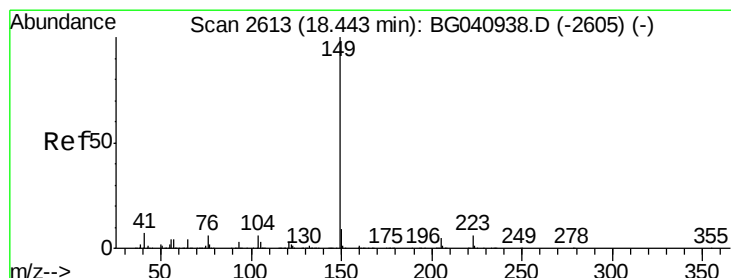
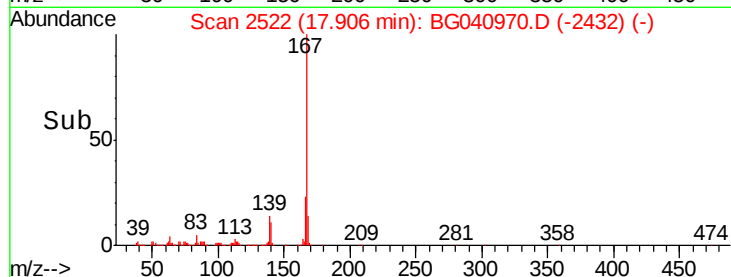
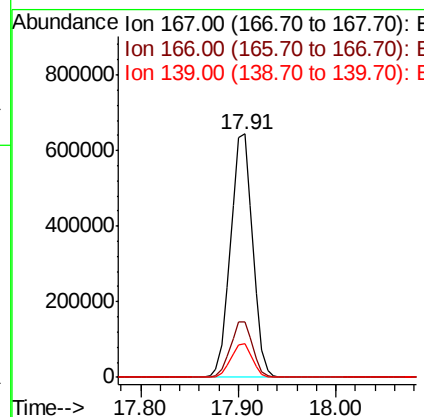
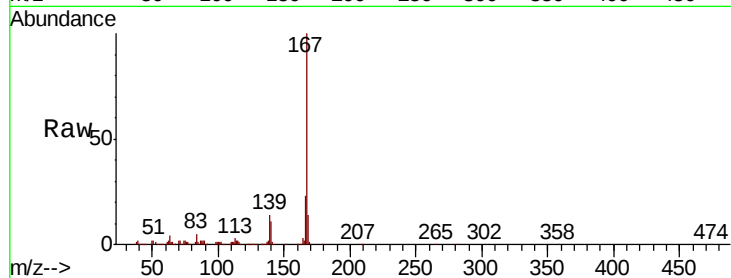
#73
 Carbazole
 Concen: 46.479 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	13.7	10.8	16.2

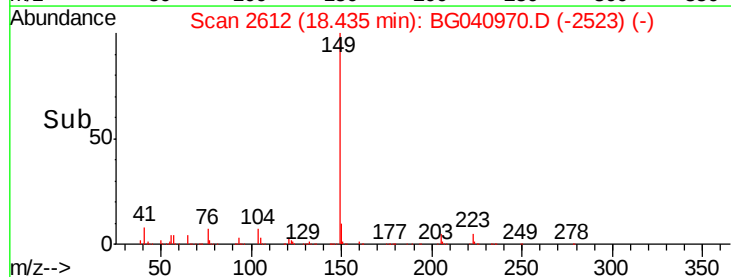
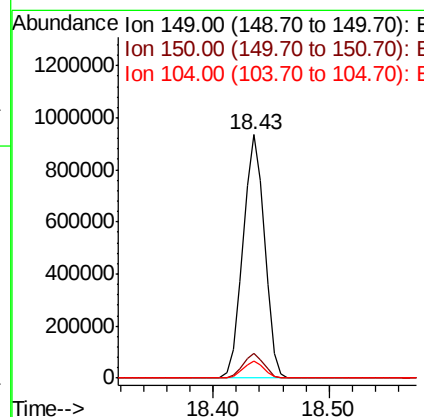
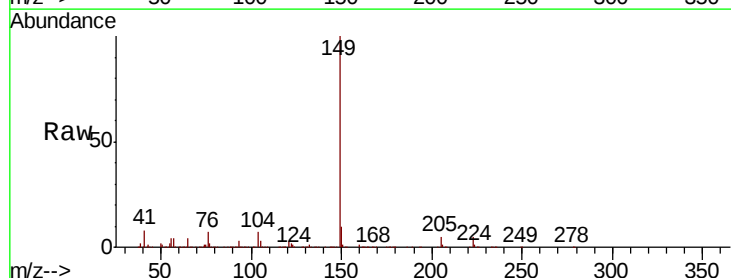
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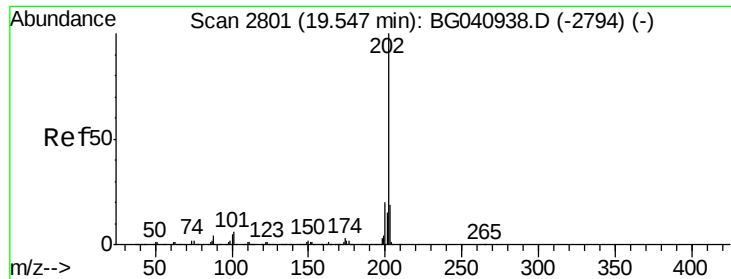
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.456 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.4	11.2
104	7.1	5.0	7.4





#75

Fluoranthene

Concen: 45.740 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

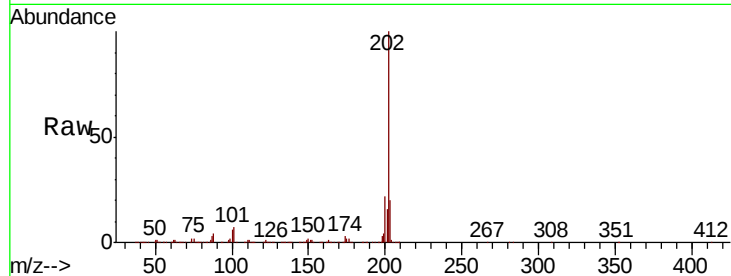
ClientSampleId :

TP-2-SMSD

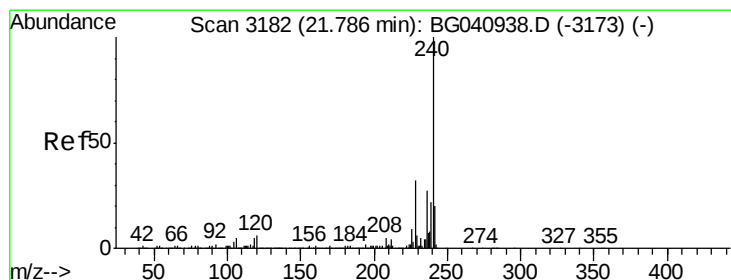
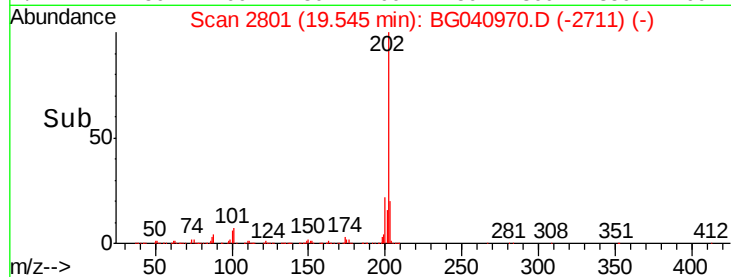
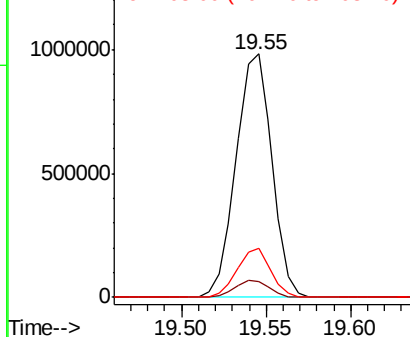
Tot Ion:	202	Resp:	1455351
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.2
203	20.1	0.0	38.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

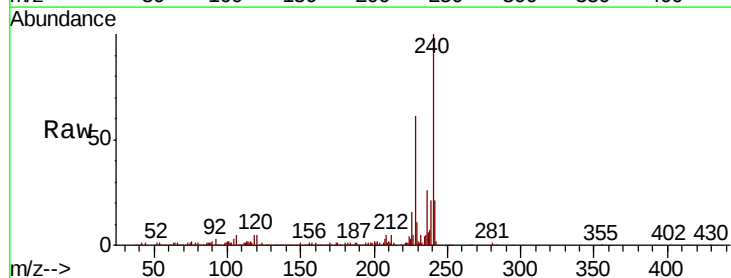
RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

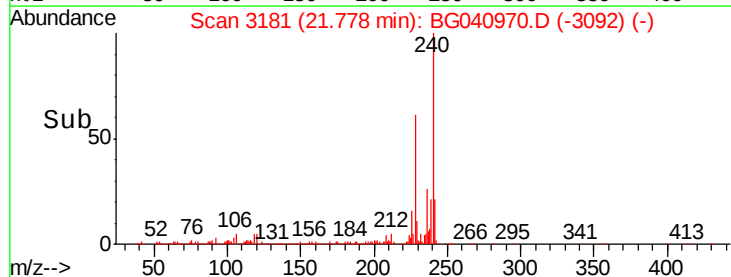
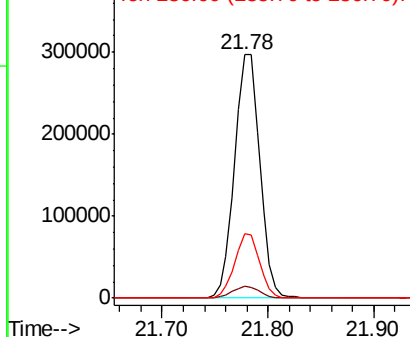
Lab File: BG040970.D

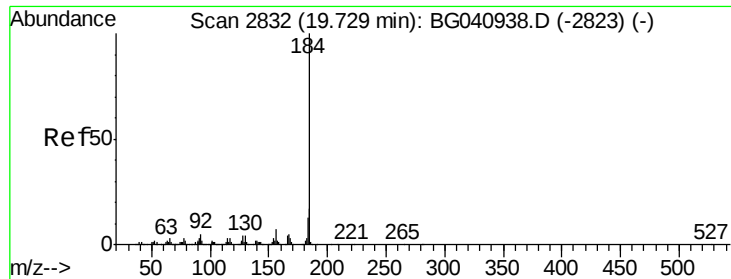
Acq: 31 May 2019 3:47

Tgt Ion:	240	Resp:	489287
Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	26.3	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.477 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

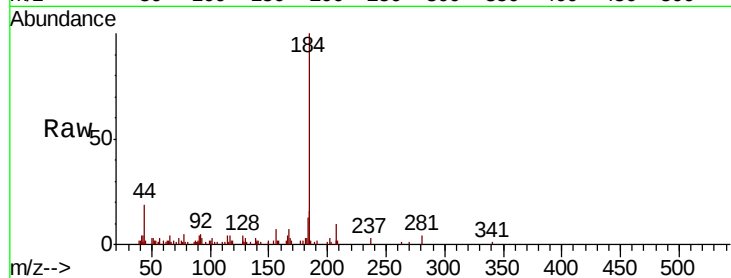
ClientSampleId :

TP-2-SMSD

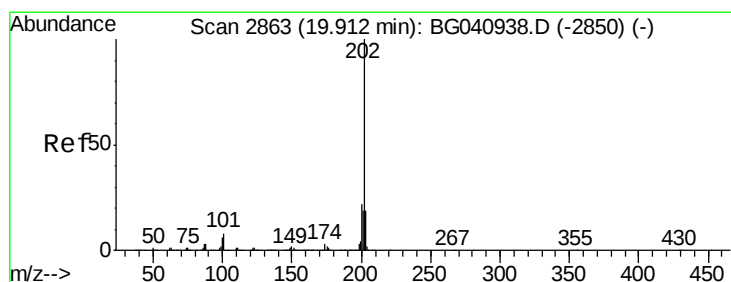
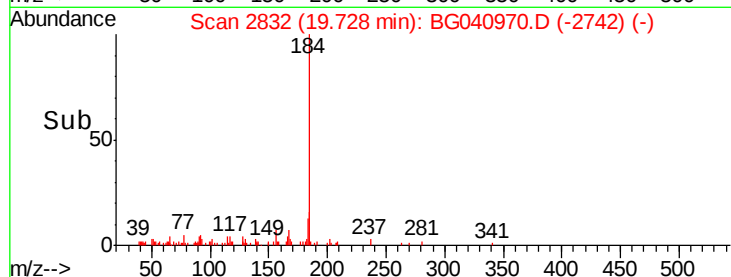
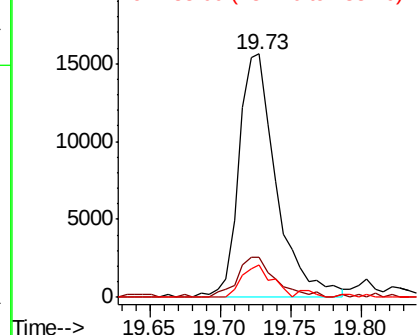
Tot Ion:	184	Resp:	28914
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.3	19.9
183	13.1	10.7	16.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.700 ng

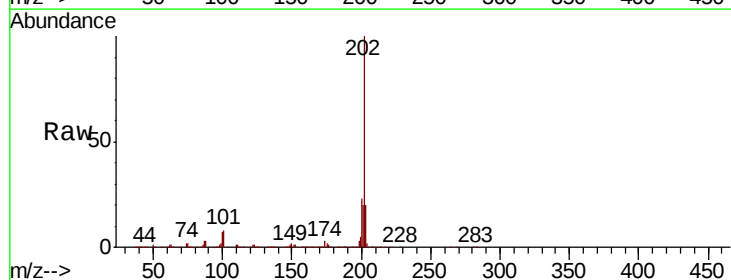
RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

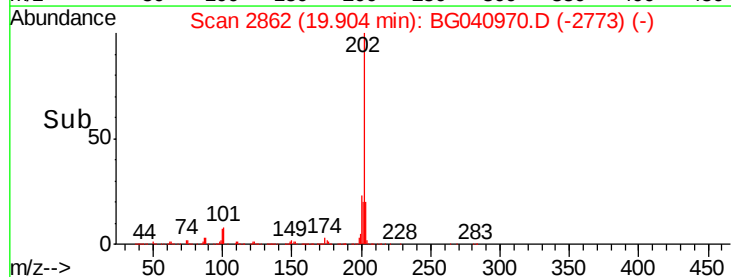
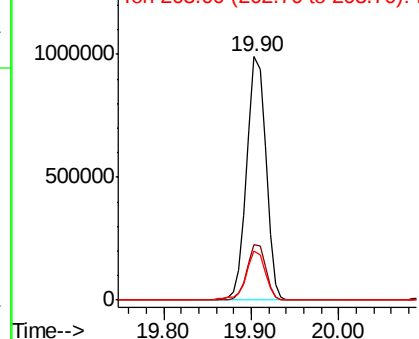
Lab File: BG040970.D

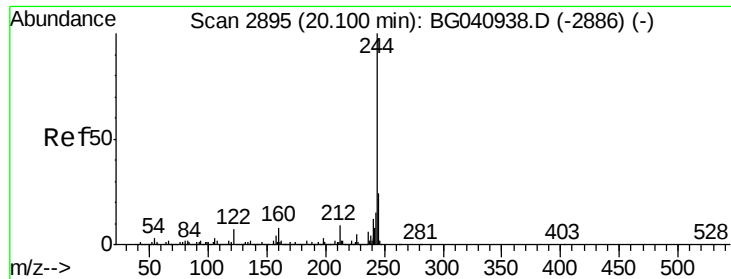
Acq: 31 May 2019 3:47

Tgt Ion:	202	Resp:	1453582
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.5	26.3
203	19.9	15.6	23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.293 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

TP-2-SMSD

Tot Ion:244 Resp: 2035503

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.4

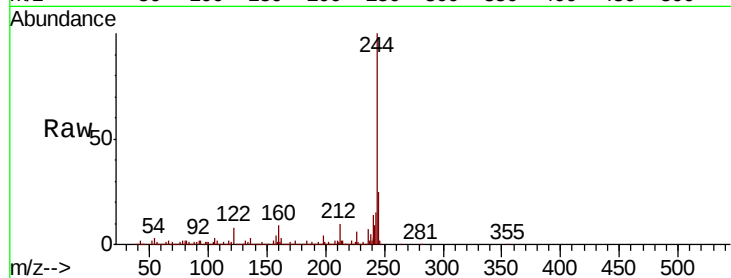
122 8.2 5.4 8.0#

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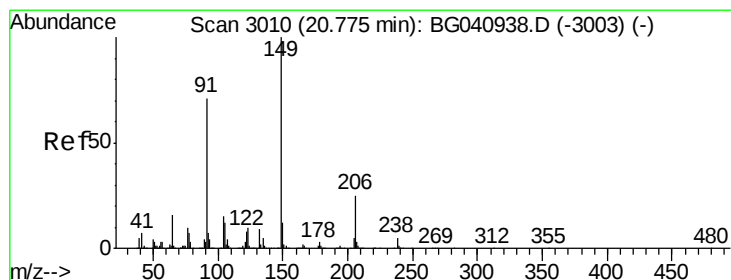
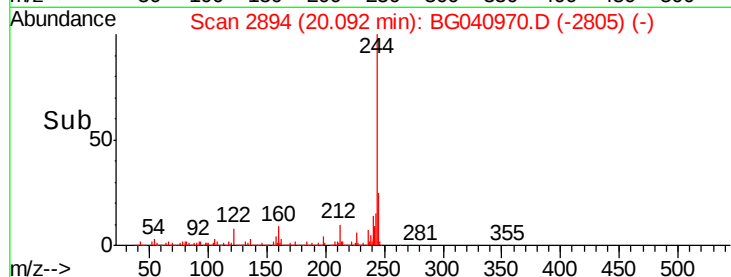
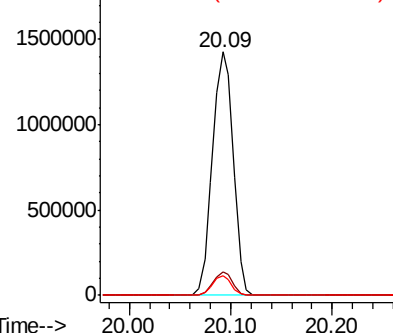
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.469 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

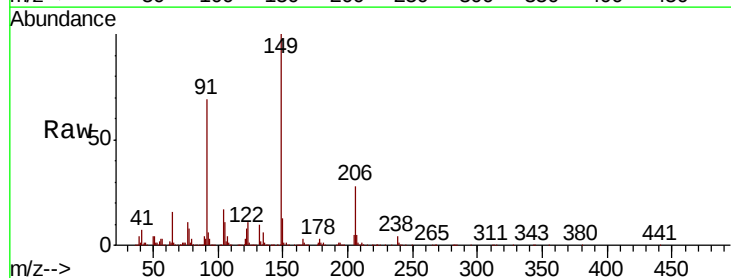
Tgt Ion:149 Resp: 562810

Ion Ratio Lower Upper

149 100

91 68.9 56.5 84.7

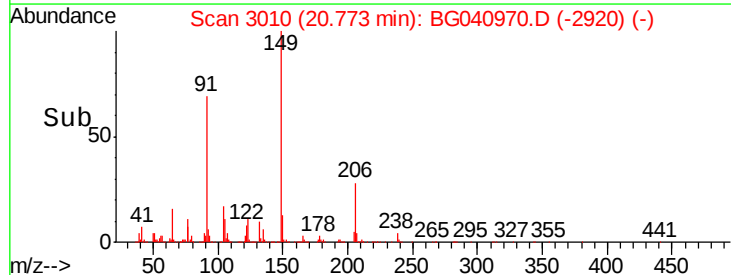
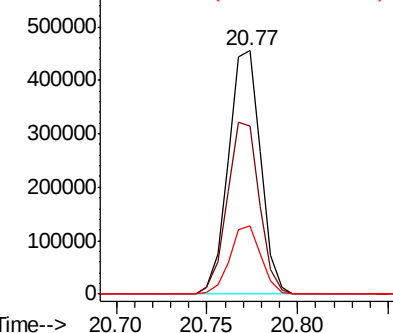
206 28.1 20.3 30.5

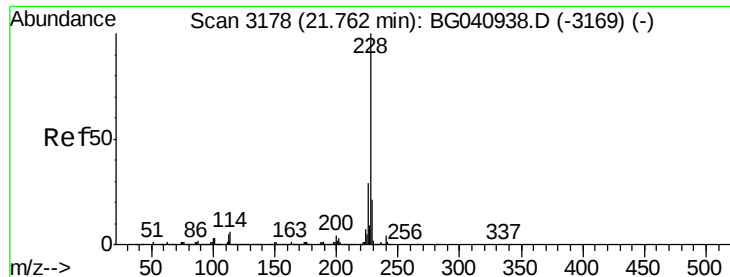


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.910 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

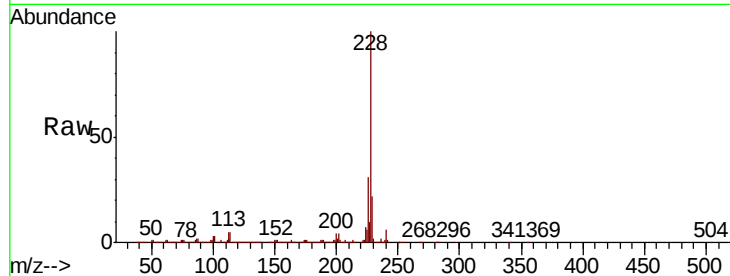
ClientSampled :

TP-2-SMSD

Tot Ion:	228	Resp:	1397567
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.5	35.3
229	22.3	16.7	25.1

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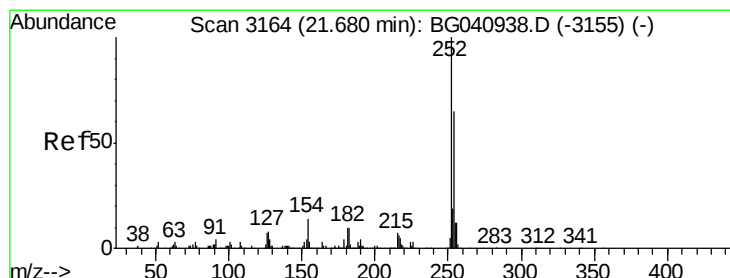
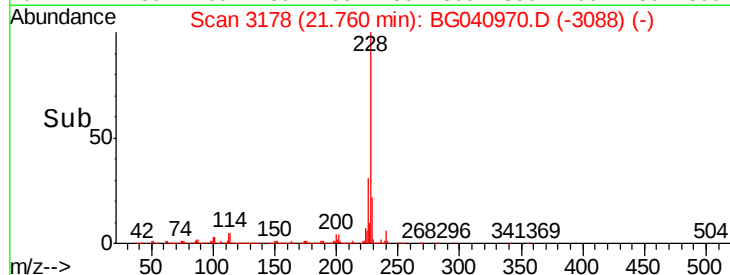
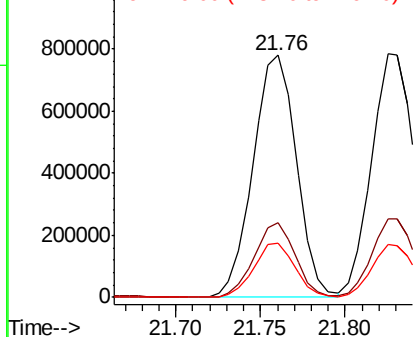


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.423 ng

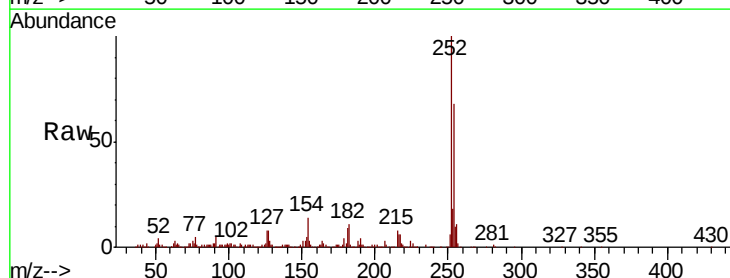
RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:	252	Resp:	359975
Ion	Ratio	Lower	Upper
252	100		
254	67.9	52.1	78.1
126	7.8	5.5	8.3

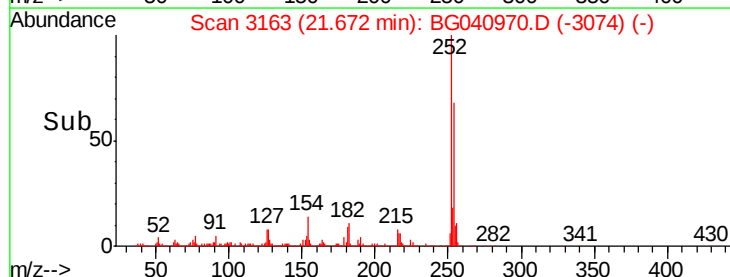
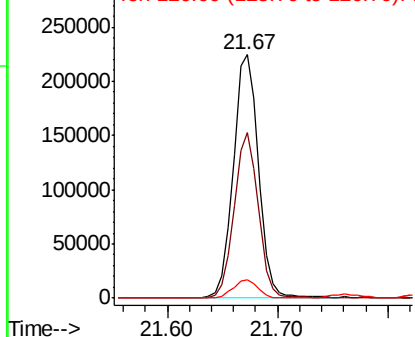


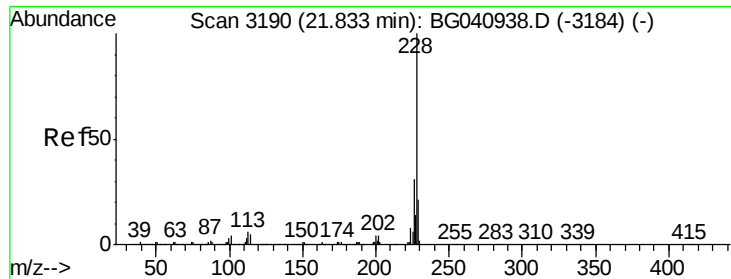
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





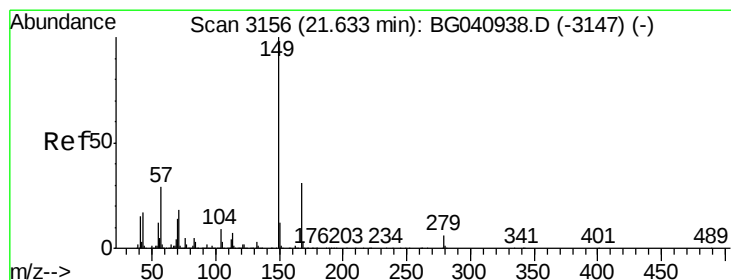
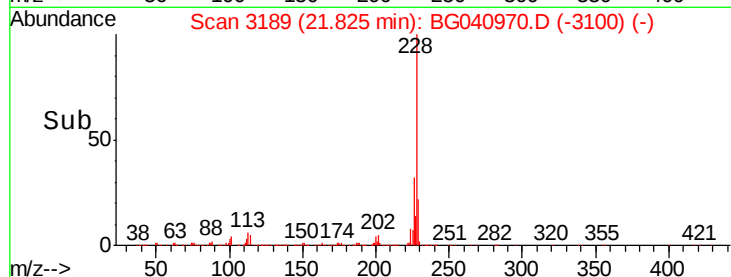
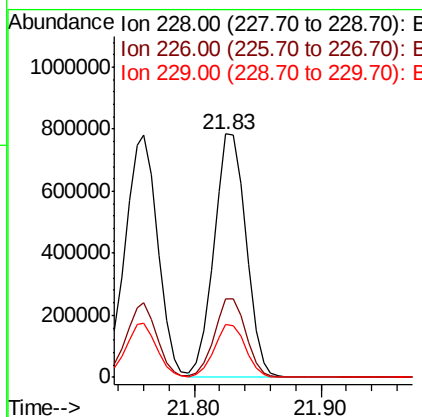
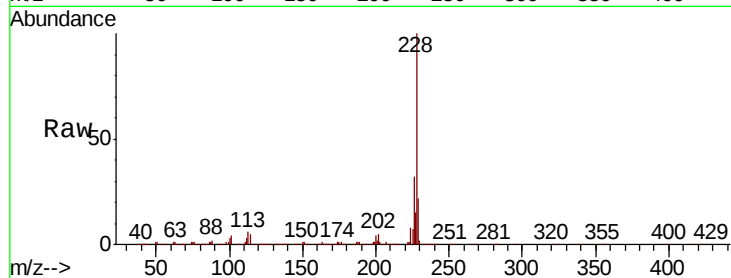
#83
Chrysene
Concen: 44.233 ng
RT: 21.83 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampled :
TP-2-SMSD

Tot Ion:228 Resp: 1378663
Ion Ratio Lower Upper
228 100
226 32.3 24.6 37.0
229 21.5 16.6 24.8

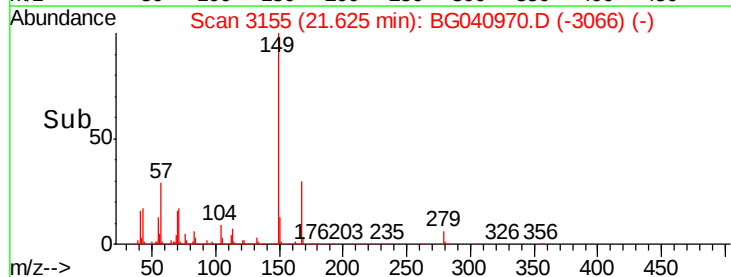
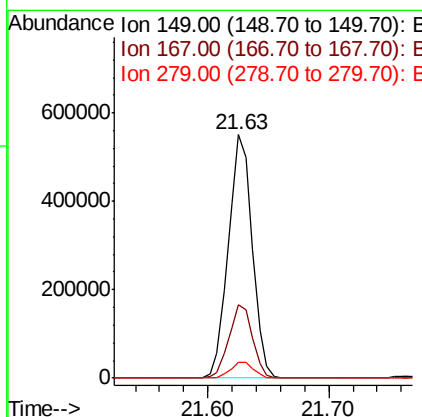
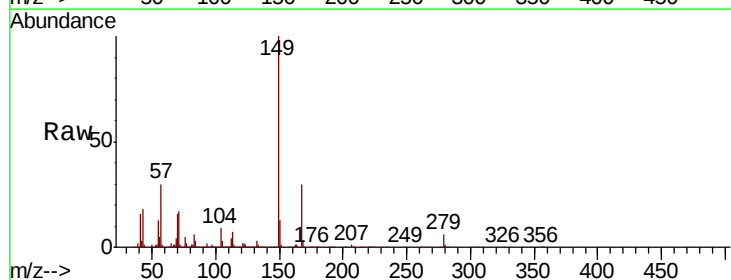
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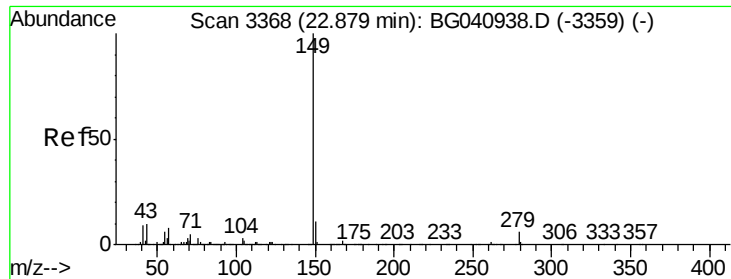
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.420 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:149 Resp: 756575
Ion Ratio Lower Upper
149 100
167 30.2 24.6 37.0
279 6.4 5.0 7.6





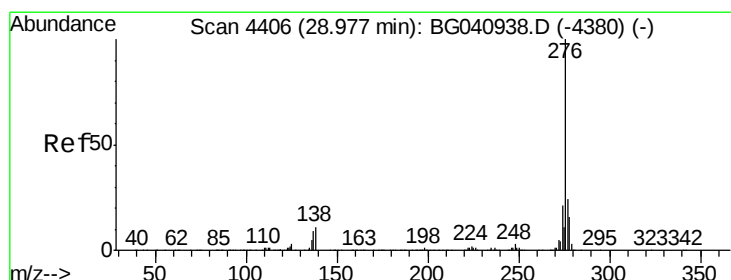
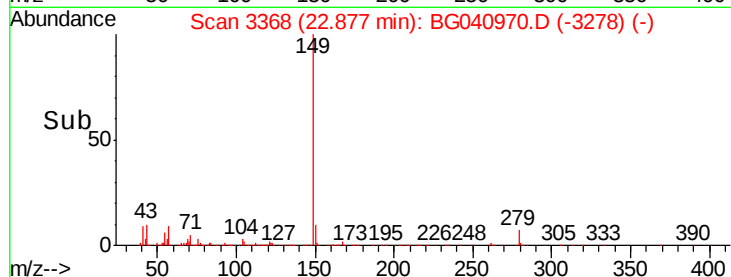
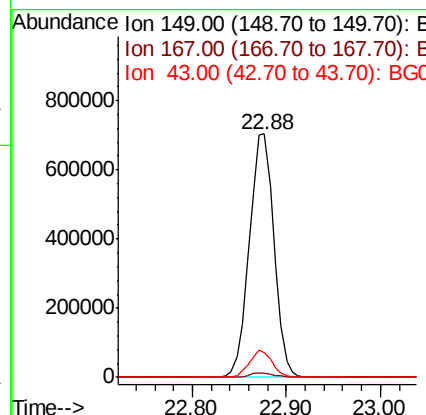
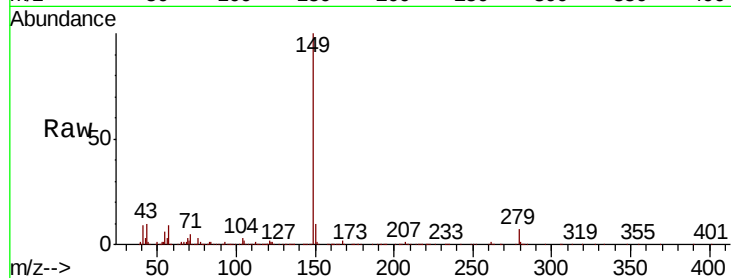
#85
Di-n-octyl phthalate
Concen: 43.845 ng
RT: 22.88 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.5	8.1	12.1

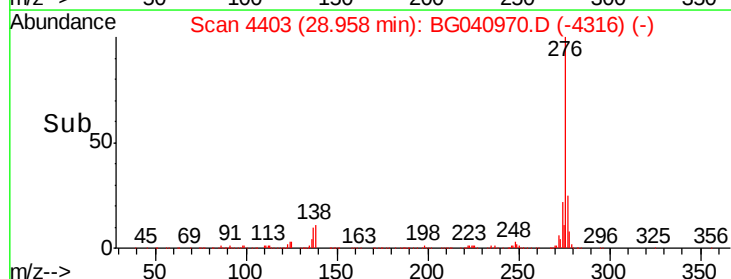
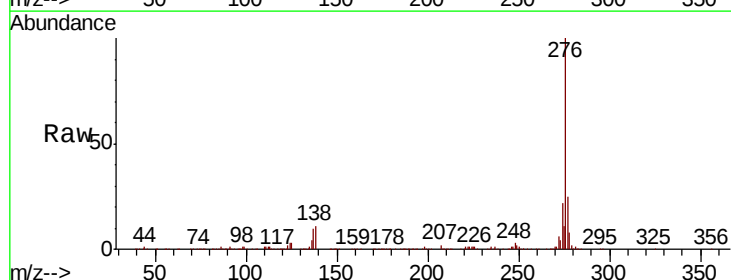
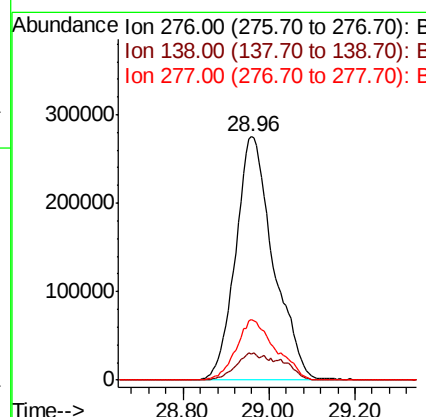
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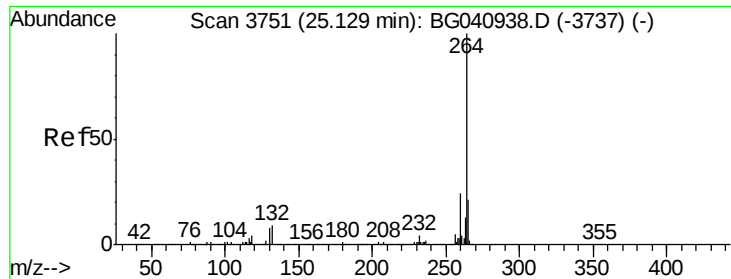
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.020 ng
RT: 28.96 min Scan# 4403
Delta R.T. -0.02 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.6	5.7	8.5
277	26.0	20.8	31.2





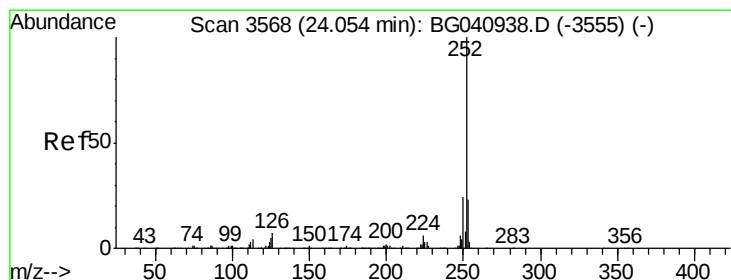
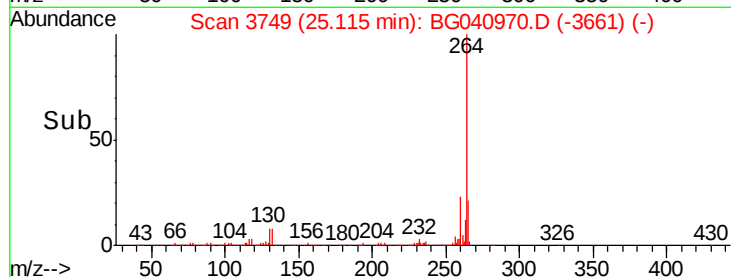
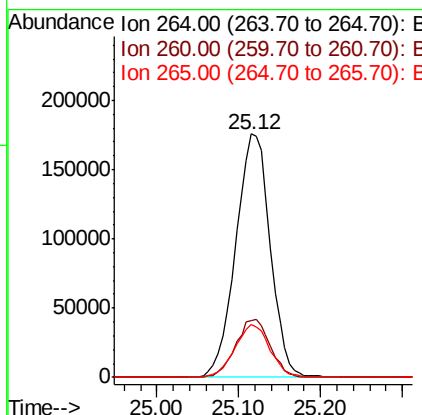
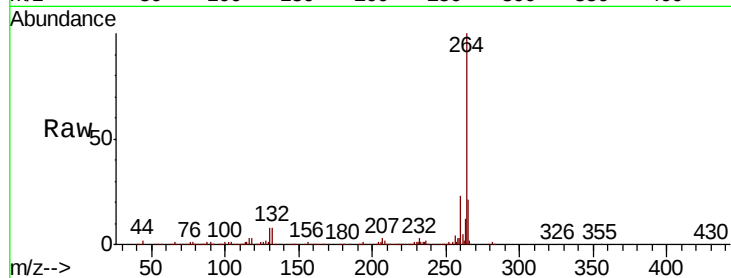
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	17.0	25.4

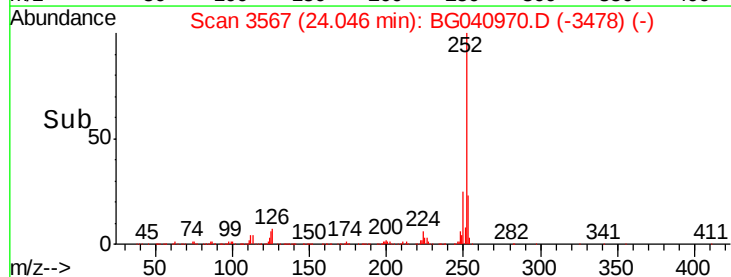
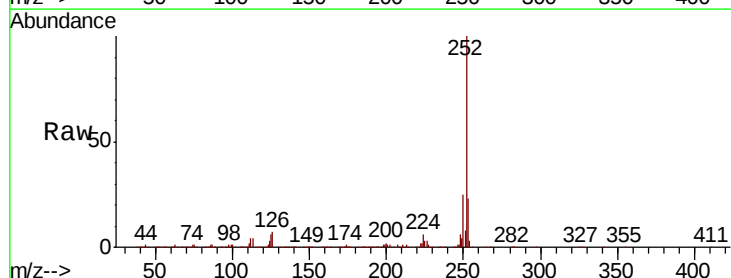
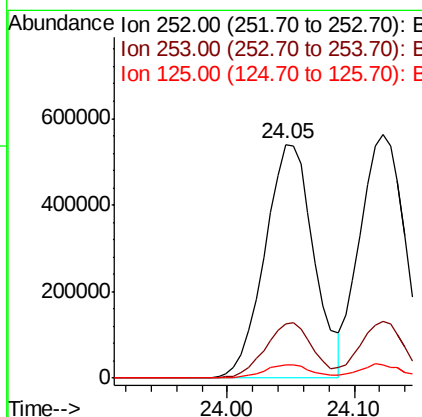
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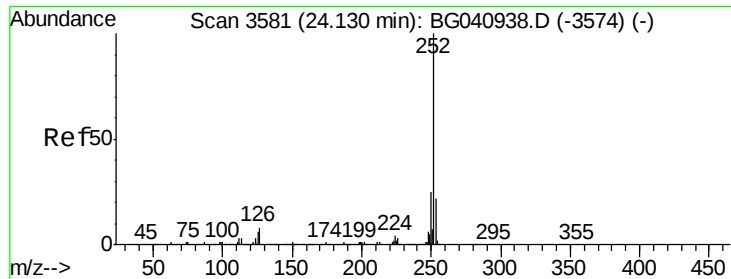
mohammad
5/31/2019 8:19:25 AM



#88
Benzo(b)fluoranthene
Concen: 46.417 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	5.9	4.3	6.5





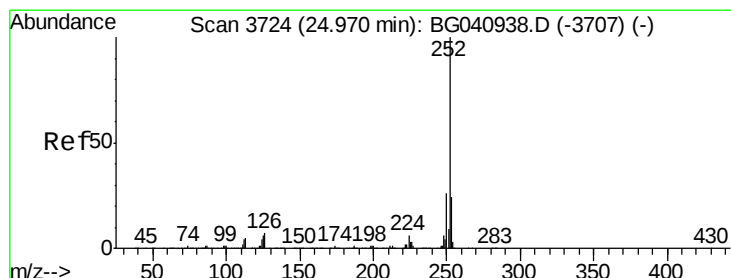
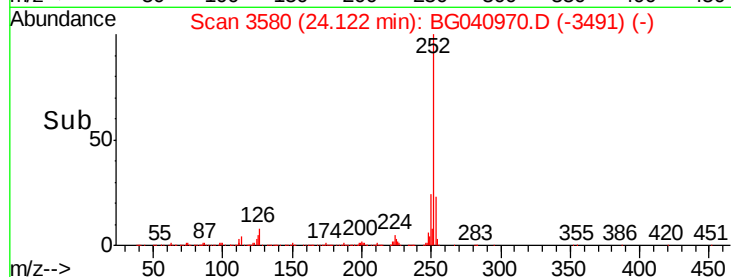
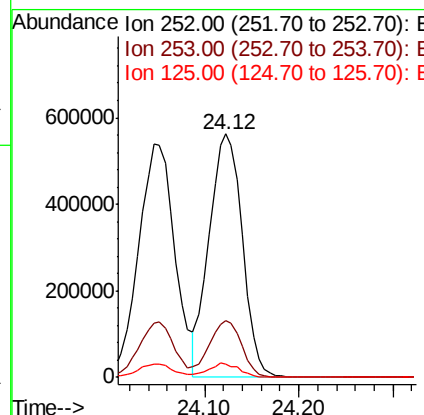
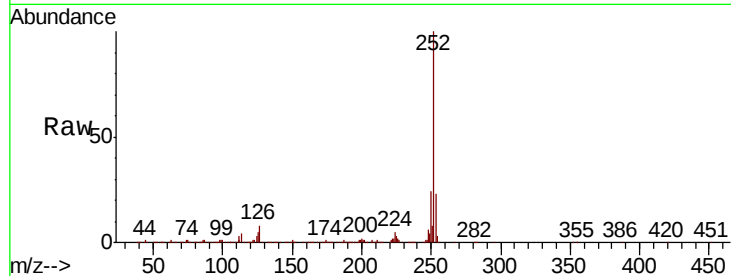
#89
Benzo(k)fluoranthene
Concen: 44.776 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	5.2	4.7	7.1

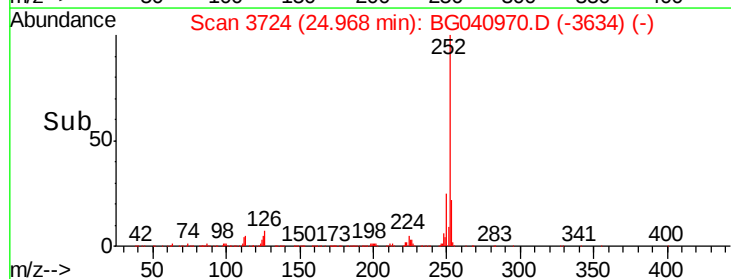
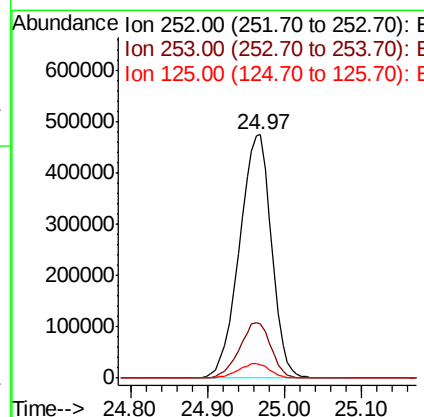
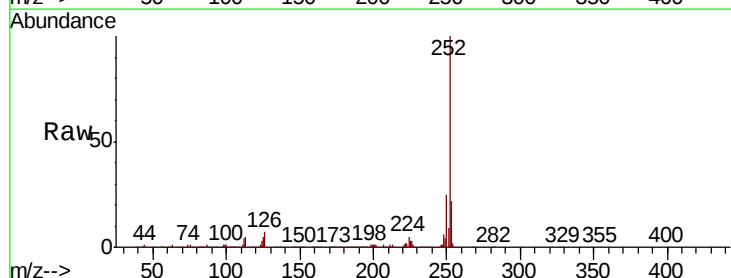
Manual Integrations
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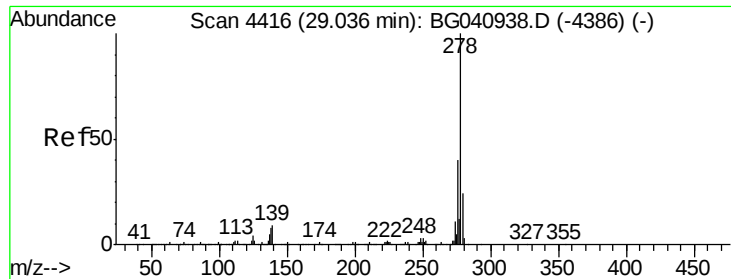
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#90
Benzo(a)pyrene
Concen: 46.330 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.5	29.3
125	5.5	5.1	7.7





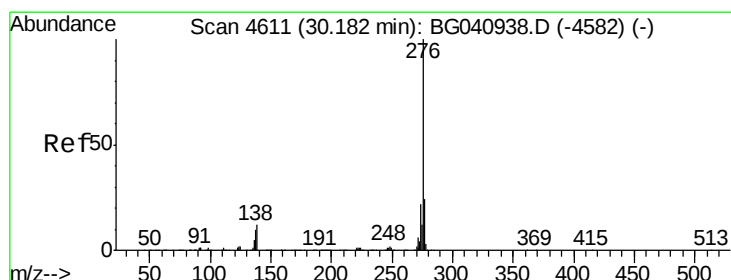
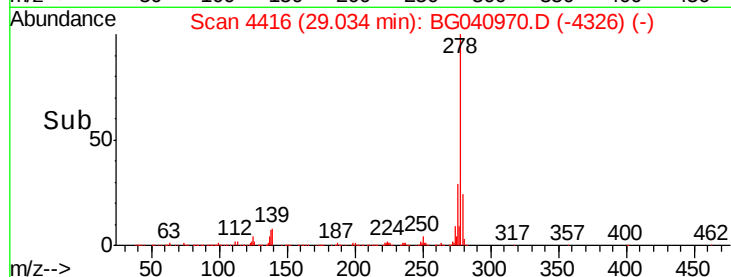
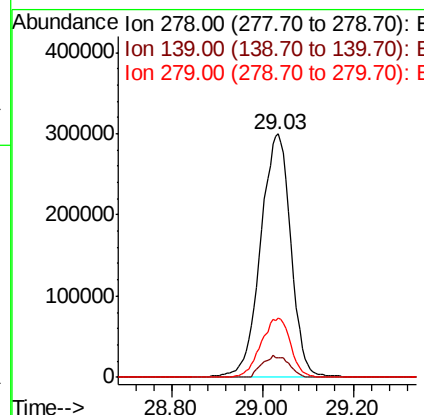
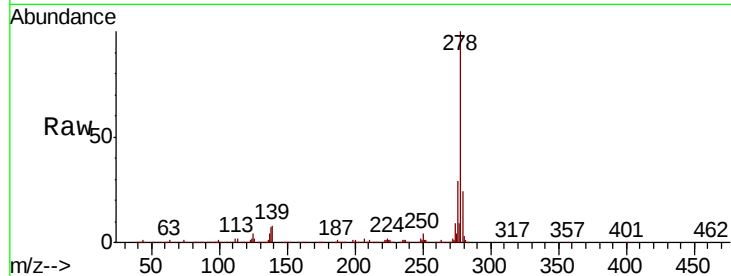
#91
Dibenzo(a,h)anthracene
Concen: 46.479 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :
TP-2-SMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.1	10.7
279	24.4	19.4	29.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.119 ng
RT: 30.18 min Scan# 4611
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.0
138	11.8	9.7	14.5

