

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039340.D
 Acq On : 30 Jan 2019 23:11
 Operator : JU/SJ
 Sample : K1282-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
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mohammad
 2/1/2019 12:05:48 AM

Quant Time: Jan 31 06:13:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46601	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	201734	20.00	ng	0.00
39) Acenaphthene-d10	14.81	164	138929	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	347549	20.00	ng	0.00
76) Chrysene-d12	21.85	240	351717	20.00	ng	0.00
87) Perylene-d12	25.23	264	362922	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	339693	124.76	ng	0.00
7) Phenol-d6	7.32	99	465518	116.15	ng	0.00
23) Nitrobenzene-d5	9.36	82	313569	97.10	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	212743	142.21	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	775688	80.10	ng	0.00
79) Terphenyl-d14	20.14	244	1330143	80.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	35772	30.035	ng	# 42
3) Pyridine	4.03	79	102551	32.521	ng	98
4) n-Nitrosodimethylamine	3.93	42	62231	39.461	ng	94
6) Aniline	7.51	93	50726	10.104	ng	96
8) 2-Chlorophenol	7.74	128	122546	41.174	ng	98
9) Benzaldehyde	7.32	77	100347	56.263	ng	93
10) Phenol	7.35	94	155253	37.160	ng	97
11) bis(2-Chloroethyl)ether	7.60	93	124759	37.791	ng	98
12) 1,3-Dichlorobenzene	8.07	146	133530	37.035	ng	100
13) 1,4-Dichlorobenzene	8.22	146	136021	37.850	ng	95
14) 1,2-Dichlorobenzene	8.53	146	132223	38.006	ng	96
15) Benzyl Alcohol	8.42	79	130771	41.560	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	263043	35.283	ng	99
17) 2-Methylphenol	8.60	107	113619	42.024	ng	99
18) Hexachloroethane	9.27	117	47976	38.804	ng	97
19) n-Nitroso-di-n-propylamine	8.99	70	106280	37.361	ng	95
20) 3+4-Methylphenols	8.93	107	155577	41.787	ng	98
22) Acetophenone	9.01	105	198984	36.720	ng	97
24) Nitrobenzene	9.40	77	154541	44.299	ng	98
25) Isophorone	9.91	82	313211	43.770	ng	99
26) 2-Nitrophenol	10.11	139	66830	48.731	ng	94
27) 2,4-Dimethylphenol	10.15	122	139185	48.082	ng	98
28) bis(2-Chloroethoxy)methane	10.40	93	185470	42.079	ng	97
29) 2,4-Dichlorophenol	10.64	162	142414	45.014	ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	138626	39.028	ng	98
31) Naphthalene	11.05	128	413739	41.341	ng	99
32) Benzoic acid	10.24	122	55382	32.747	ng	92
33) 4-Chloroaniline	11.17	127	7371	1.588	ng	# 92
34) Hexachlorobutadiene	11.32	225	90783	38.432	ng	94
35) Caprolactam	11.94	113	40887m	31.231	ng	
36) 4-Chloro-3-methylphenol	12.25	107	158328	43.272	ng	98
37) 2-Methylnaphthalene	12.65	142	320106	43.185	ng	98
38) 1-Methylnaphthalene	12.86	142	301911	42.254	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	170988	38.682	ng	99

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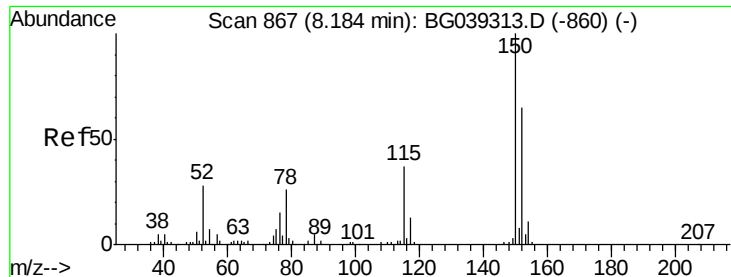
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	203209	84.365	nq	98
43) 2,4,6-Trichlorophenol	13.24	196	118046	43.434	nq	98
44) 2,4,5-Trichlorophenol	13.31	196	131728	46.244	nq	99
46) 1,1'-Biphenyl	13.64	154	427802	37.010	nq	100
47) 2-Chloronaphthalene	13.69	162	327063	37.612	nq	99
48) 2-Nitroaniline	13.89	65	113562	45.900	nq	96
49) Acenaphthylene	14.53	152	539730	41.134	nq	98
50) Dimethylphthalate	14.26	163	452952	40.368	nq	98
51) 2,6-Dinitrotoluene	14.38	165	97685	46.776	nq	98
52) Acenaphthene	14.87	154	338413	39.733	nq	99
53) 3-Nitroaniline	14.71	138	7248	8.609	nq	# 93
54) 2,4-Dinitrophenol	14.91	184	42711	54.648	nq	96
55) Dibenzofuran	15.20	168	531617	38.929	nq	99
56) 4-Nitrophenol	15.00	139	159091	78.533	nq	96
57) 2,4-Dinitrotoluene	15.16	165	134403	49.703	nq	92
58) Fluorene	15.85	166	426162	41.863	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	129710	48.633	nq	100
60) Diethylphthalate	15.61	149	467168	40.269	nq	98
61) 4-Chlorophenyl-phenylether	15.84	204	223923	38.847	nq	98
62) 4-Nitroaniline	15.87	138	91801	39.803	nq	96
63) Azobenzene	16.13	77	432026	38.101	nq	98
65) 4,6-Dinitro-2-methylphenol	15.92	198	45022	36.617	nq	97
66) n-Nitrosodiphenylamine	16.05	169	405354	38.358	nq	98
67) 4-Bromophenyl-phenylether	16.73	248	147018	38.130	nq	98
68) Hexachlorobenzene	16.84	284	149732	38.707	nq	95
69) Atrazine	16.99	200	162825	42.162	nq	96
70) Pentachlorophenol	17.19	266	174814	65.020	nq	98
71) Phenanthrene	17.59	178	731036	40.640	nq	100
72) Anthracene	17.68	178	748275	42.232	nq	98
73) Carbazole	17.95	167	664649	37.588	nq	100
74) Di-n-butylphthalate	18.49	149	810956	39.311	nq	100
75) Fluoranthene	19.59	202	892662	42.755	nq	99
77) Benzidine	19.77	184	82891	7.188	nq	98
78) Pyrene	19.95	202	898716	41.046	nq	100
80) Butylbenzylphthalate	20.83	149	378853	41.018	nq	96
81) Benzo(a)anthracene	21.82	228	879823	42.334	nq	100
82) 3,3'-Dichlorobenzidine	21.73	252	47872	6.212	nq	98
83) Chrysene	21.89	228	818805	41.388	nq	99
84) Bis(2-ethylhexyl)phthalate	21.70	149	518696	39.364	nq	# 100
85) Di-n-octyl phthalate	22.97	149	905478	41.594	nq	98
86) Indeno(1,2,3-cd)pyrene	29.14	276	972883	45.834	nq	99
88) Benzo(b)fluoranthene	24.15	252	863752	43.641	nq	98
89) Benzo(k)fluoranthene	24.22	252	834640	42.003	nq	99
90) Benzo(a)pyrene	25.07	252	842986	44.225	nq	99
91) Dibenzo(a,h)anthracene	29.21	278	783000	43.863	nq	100
92) Benzo(g,h,i)perylene	30.37	276	801616	45.054	nq	98

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



#1

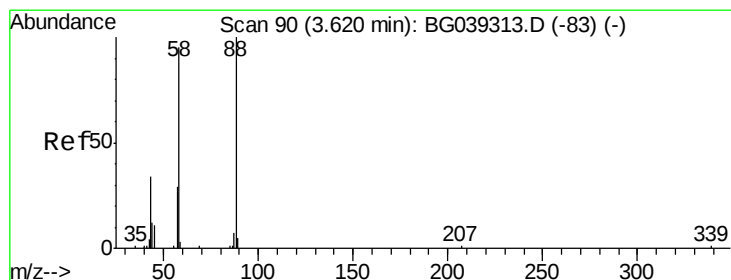
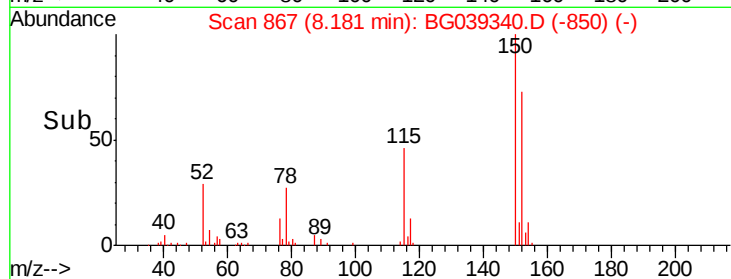
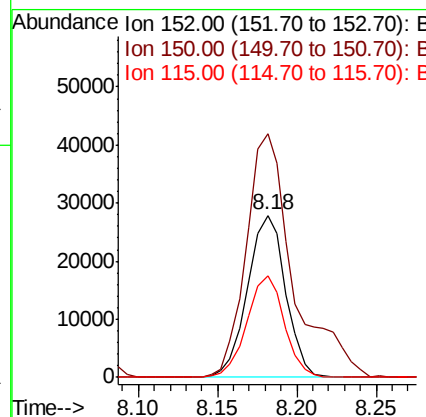
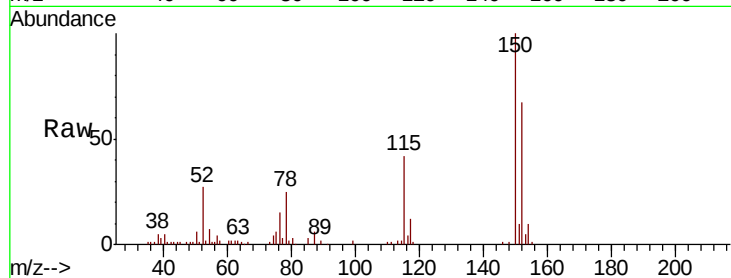
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.7	185.5
115	62.9	45.9	68.9

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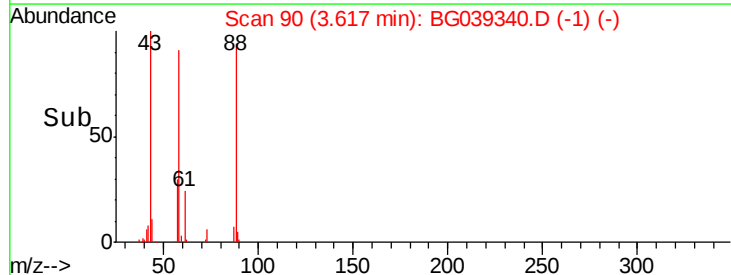
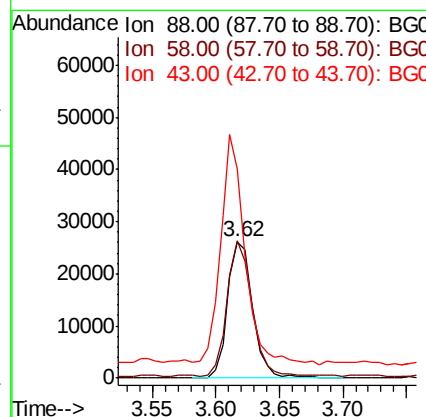
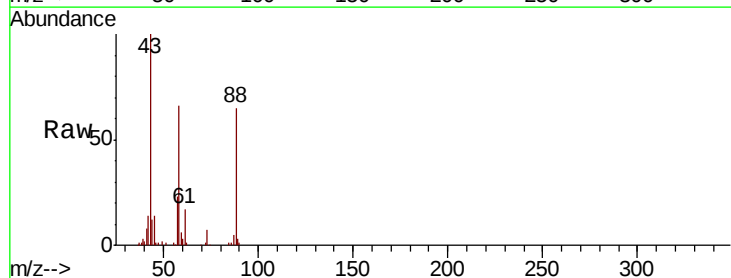
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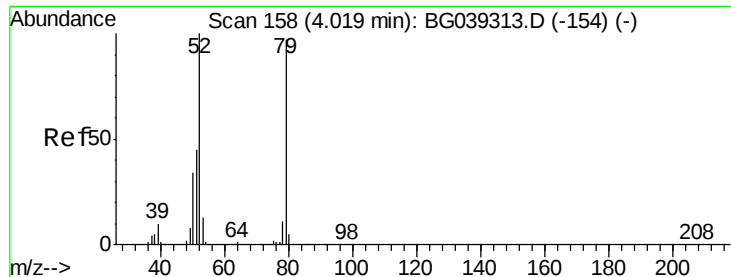


#2

1,4-Dioxane
Concen: 30.035 ng
RT: 3.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	81.1	121.7
43	165.2	31.4	47.0





#3

Pvridine

Concen: 32.521 ng

RT: 4.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

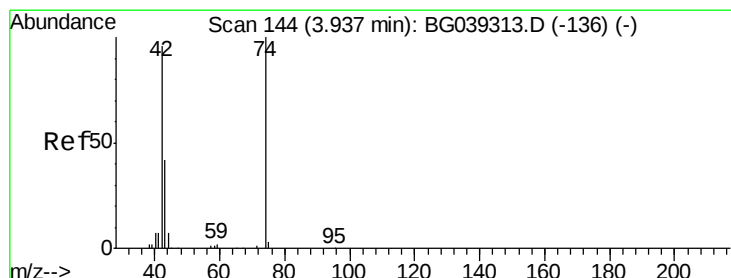
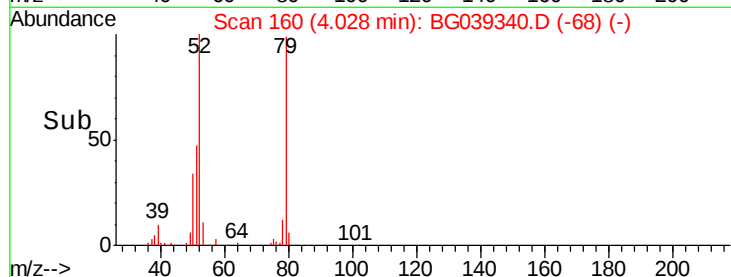
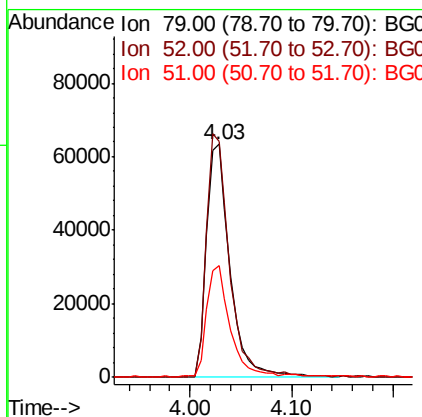
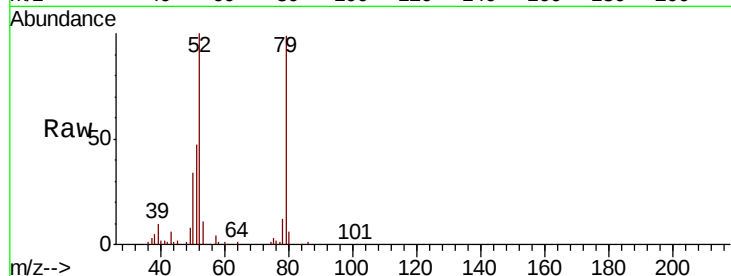
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
79	100		
52	101.2	82.6	124.0
51	47.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 39.461 ng

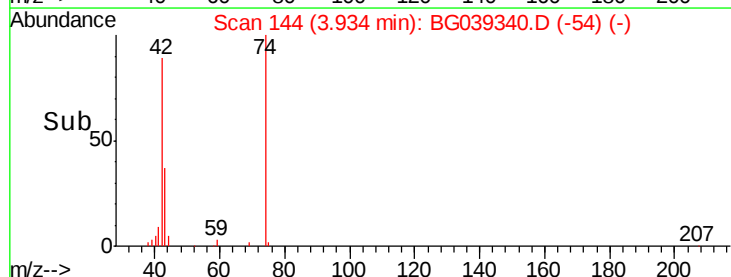
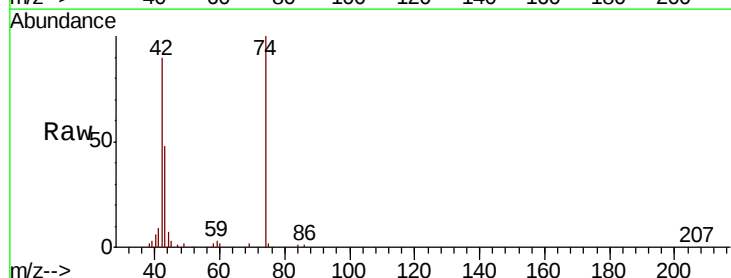
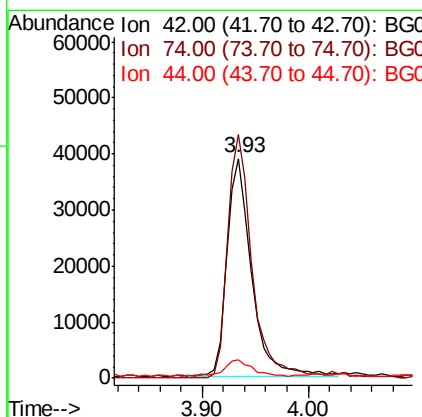
RT: 3.93 min Scan# 144

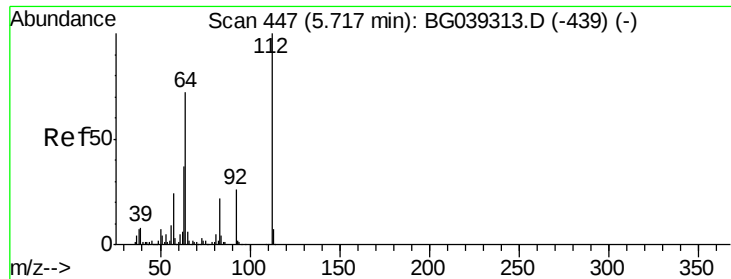
Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.8	83.6	125.4
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 124.759 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

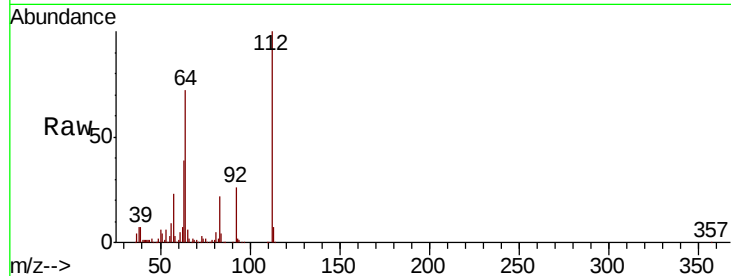
ClientSampled :

TP-1MSD

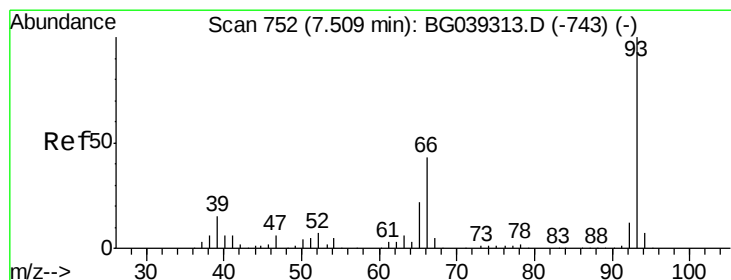
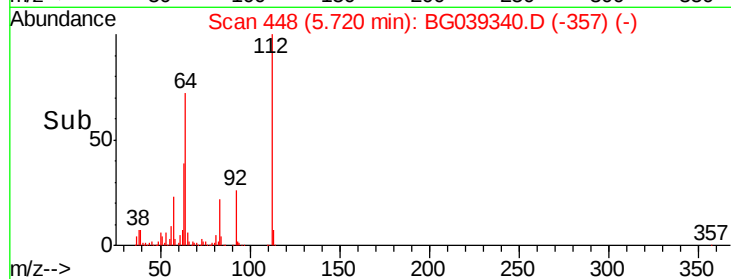
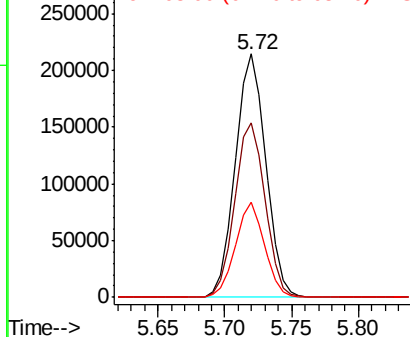
Tot Ion:	112	Resp:	339693
Ion Ratio	Lower	Upper	
112	100		
64	71.9	57.8	86.8
63	39.1	29.8	44.6

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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: 10.104 ng

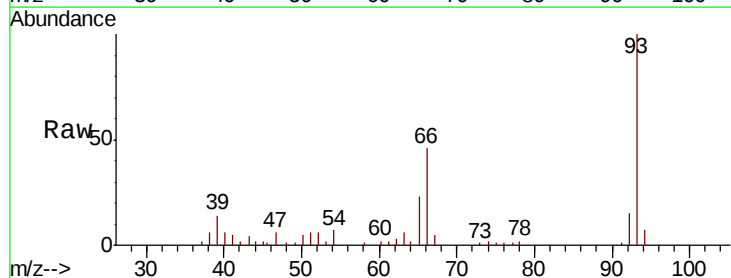
RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

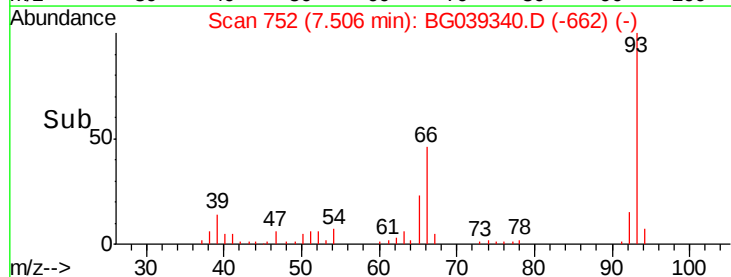
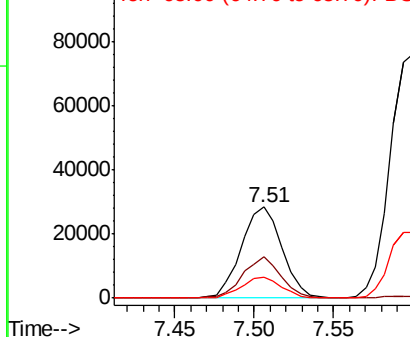
Lab File: BG039340.D

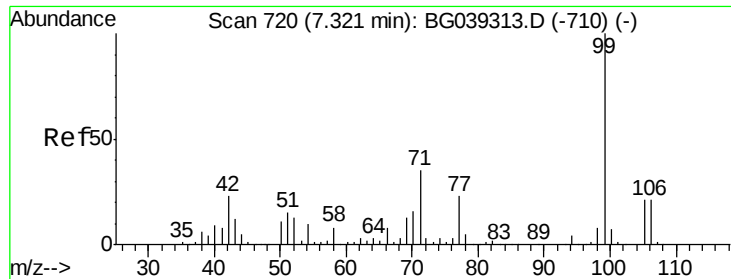
Acq: 30 Jan 2019 23:11

Tgt Ion:	93	Resp:	50726
Ion Ratio	Lower	Upper	
93	100		
66	45.8	34.2	51.4
65	23.1	17.7	26.5



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: 116.150 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

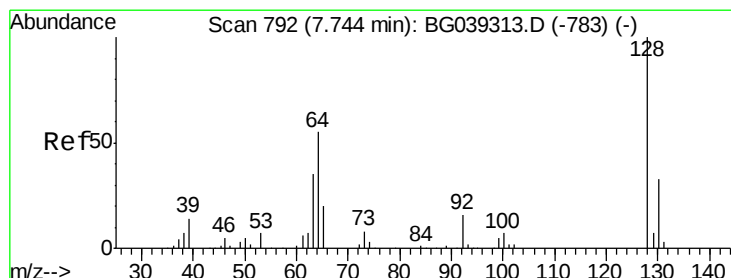
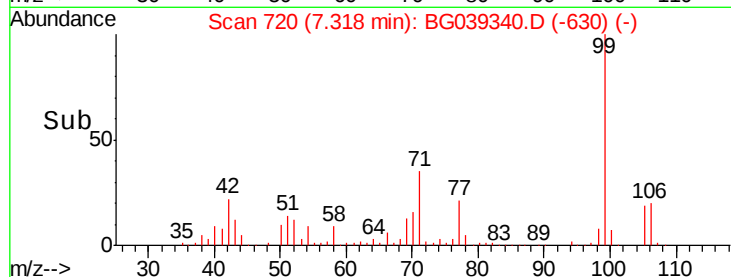
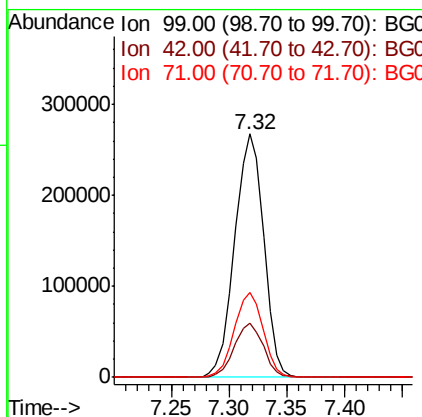
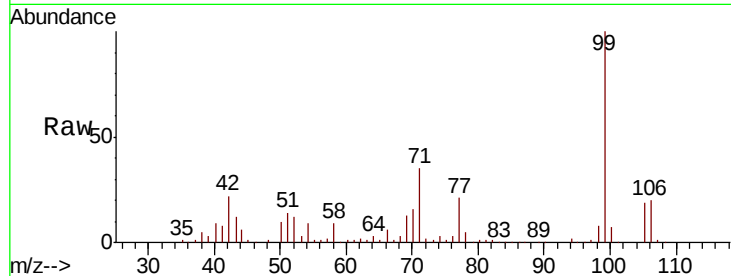
ClientSampleId :

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Tot Ion:	99	Resp:	465518
Ion	Ratio	Lower	Upper
99	100		
42	22.1	18.2	27.2
71	34.8	28.0	42.0

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#8

2-Chlorophenol

Concen: 41.174 ng

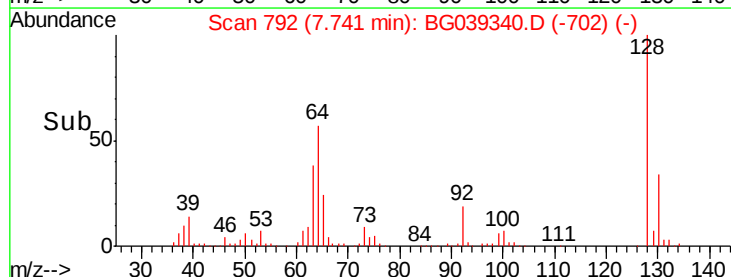
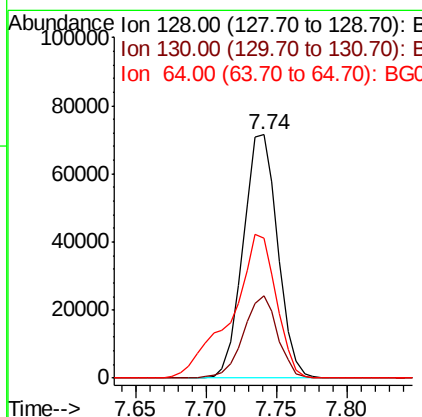
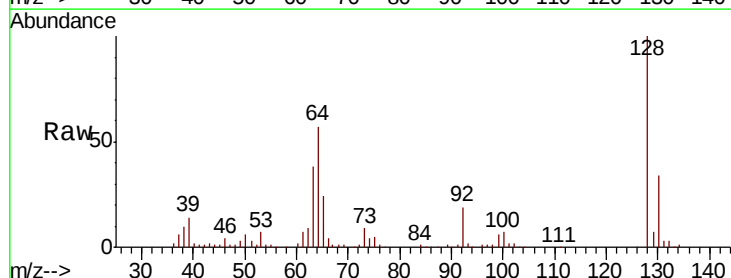
RT: 7.74 min Scan# 792

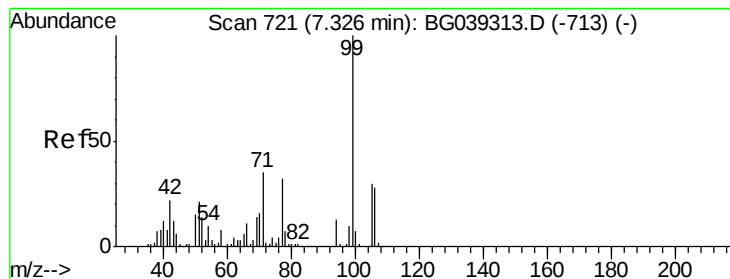
Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	128	Resp:	122546
Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.9	52.9
64	57.4	38.7	78.7





#9

Benzaldehyde

Concen: 56.263 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

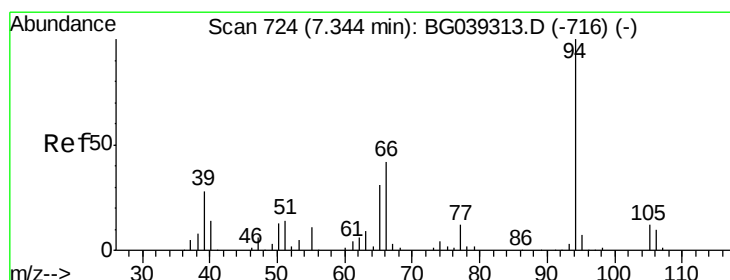
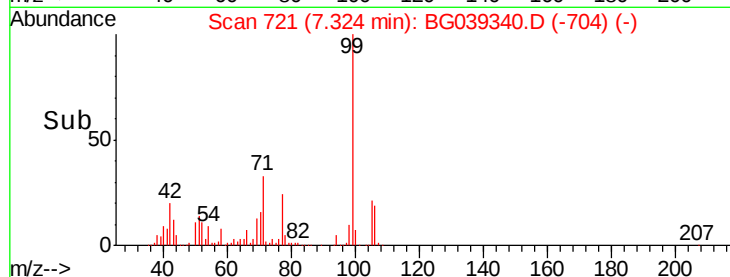
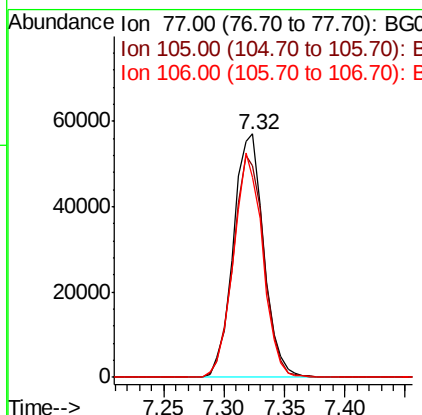
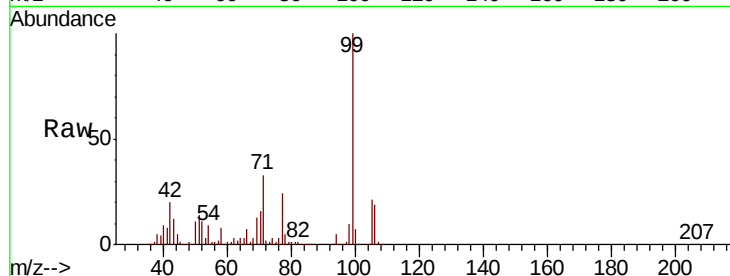
ClientSampleId :

TP-1MSD

Tot Ion:	77	Resp:	100347
Ion	Ratio	Lower	Upper
77	100		
105	87.0	74.5	114.5
106	82.0	68.0	108.0

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#10

Phenol

Concen: 37.160 ng

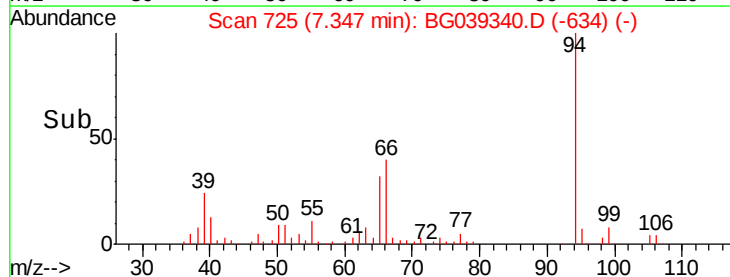
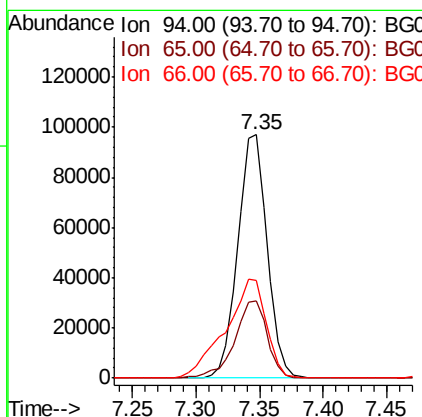
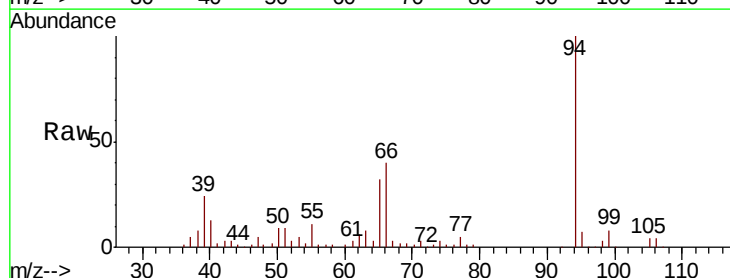
RT: 7.35 min Scan# 725

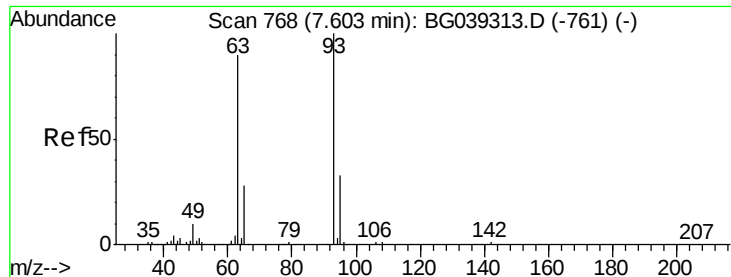
Delta R.T. 0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	94	Resp:	155253
Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.7	51.7
66	40.0	23.7	63.7





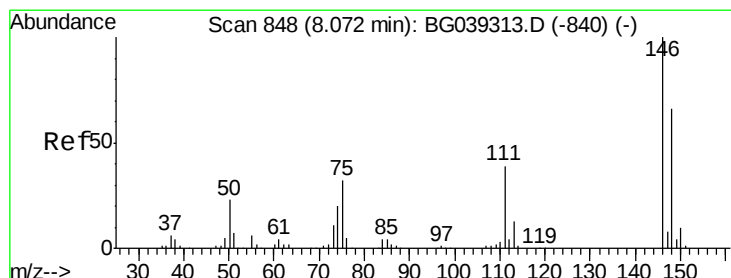
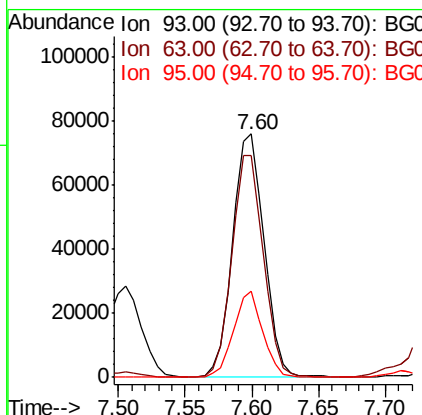
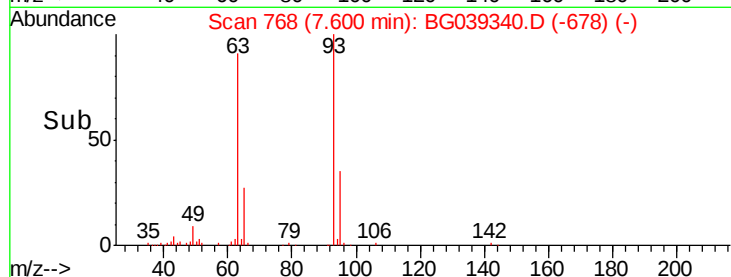
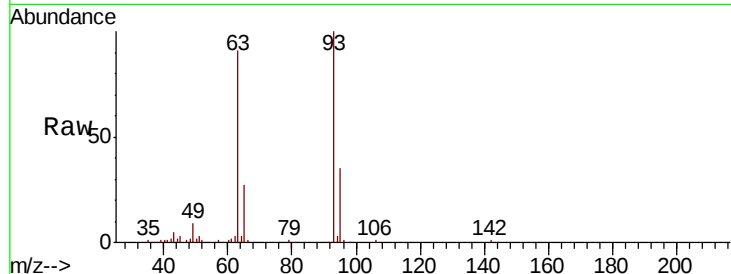
#11
bis(2-Chloroethyl)ether
Concen: 37.791 ng
RT: 7.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.0	69.5	109.5
95	35.2	12.7	52.7

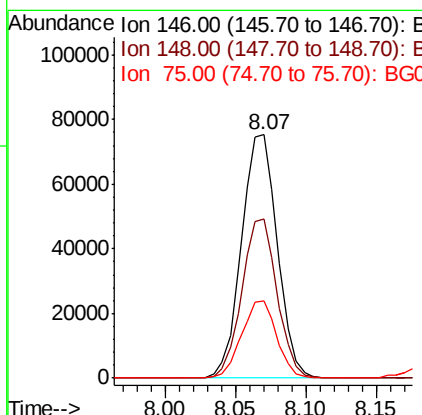
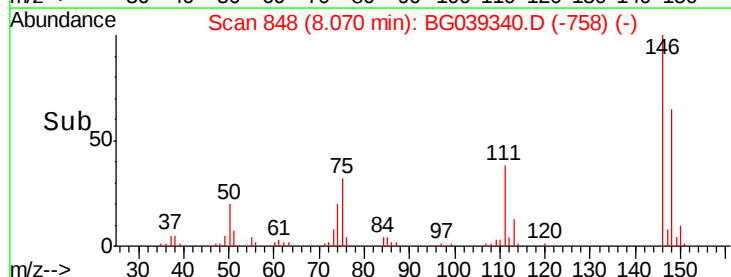
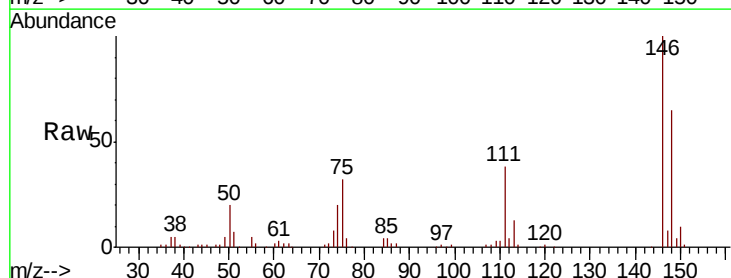
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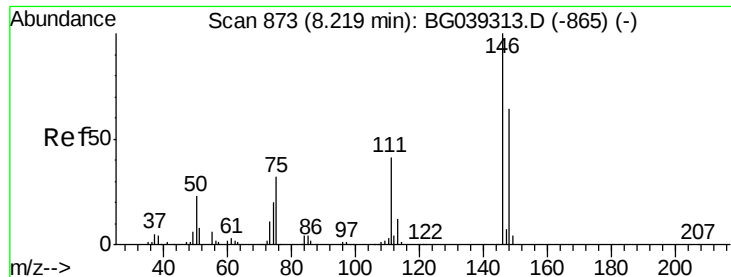
mohammad
2/1/2019 12:05:48 AM



#12
1,3-Dichlorobenzene
Concen: 37.035 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	79.0
75	31.8	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 37.850 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

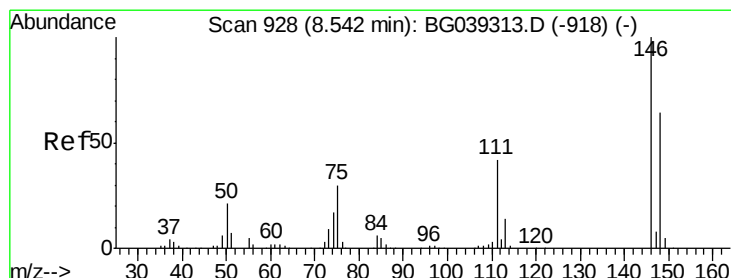
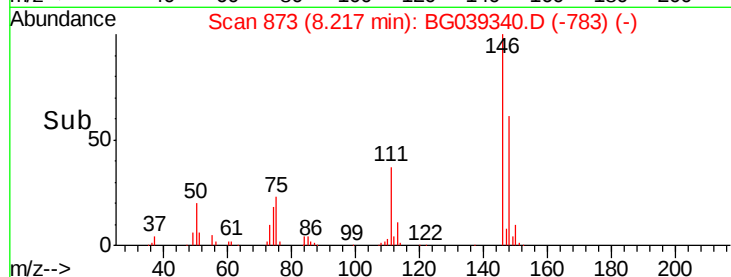
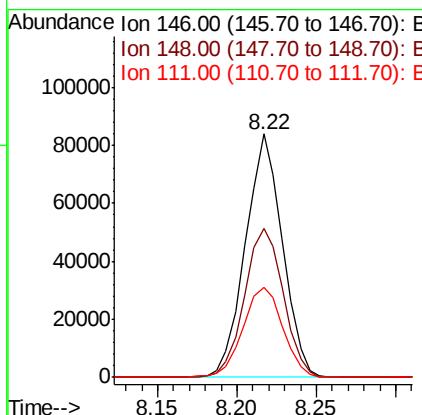
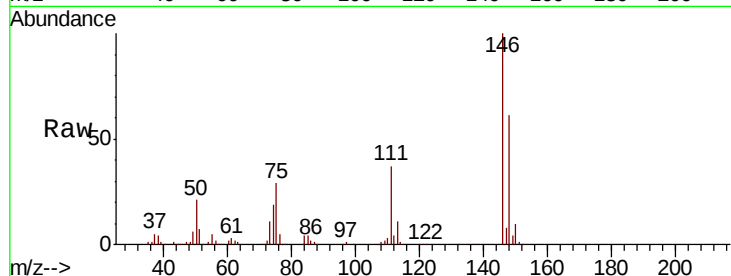
ClientSampled :

TP-1MSD

Tot Ion:	146	Resp:	136021
Ion Ratio	Lower	Upper	
146	100		
148	61.0	51.1	76.7
111	36.9	32.6	48.8

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#14

1,2-Dichlorobenzene

Concen: 38.006 ng

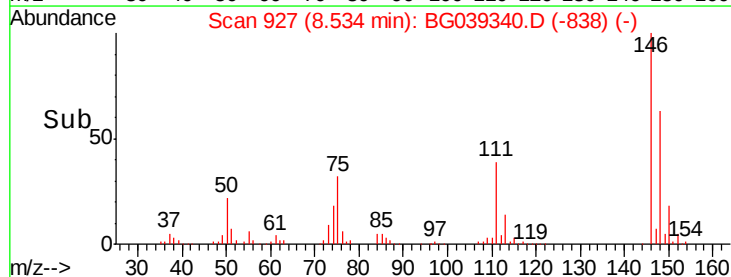
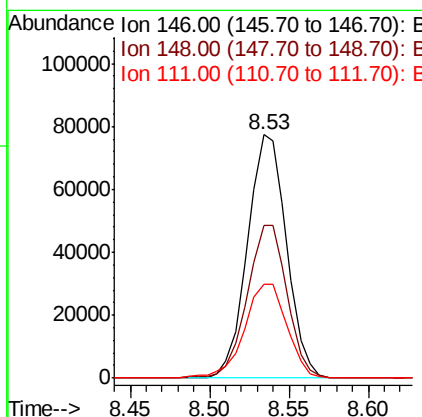
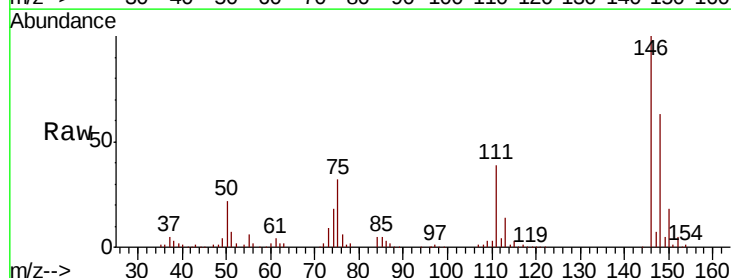
RT: 8.53 min Scan# 927

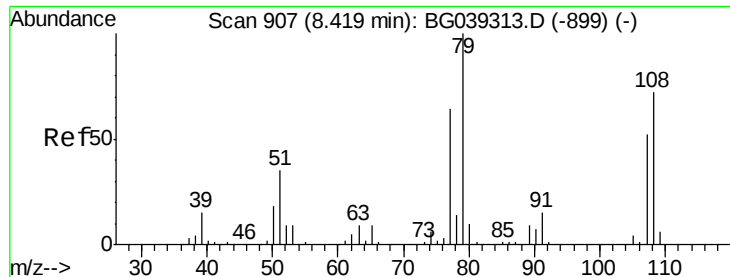
Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	146	Resp:	132223
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.5	77.3
111	38.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.560 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

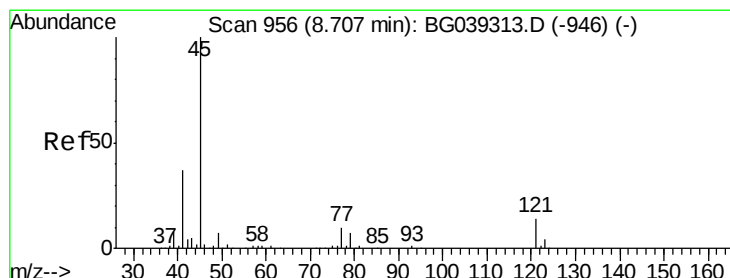
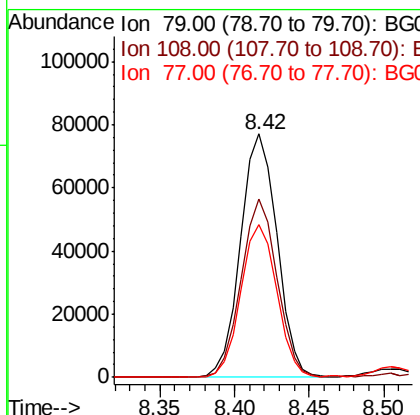
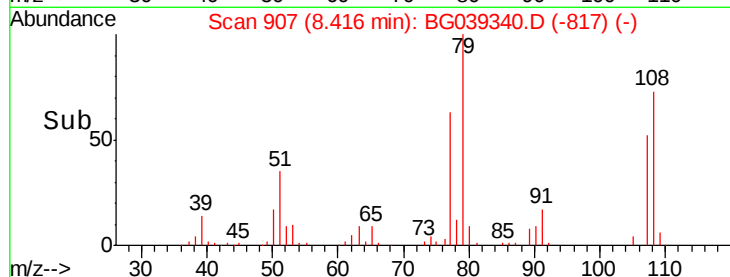
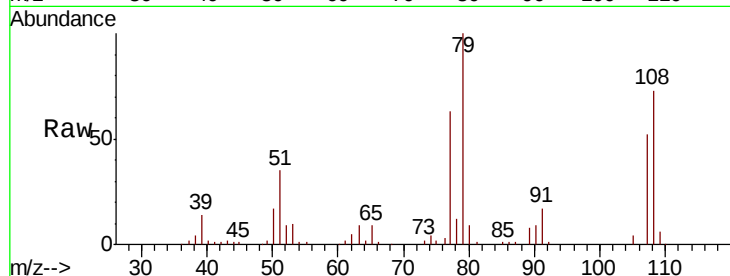
ClientSampled :

TP-1MSD

Tot Ion:	79	Resp:	130771
Ion Ratio	Lower	Upper	
79	100		
108	73.4	57.8	86.6
77	62.9	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.283 ng

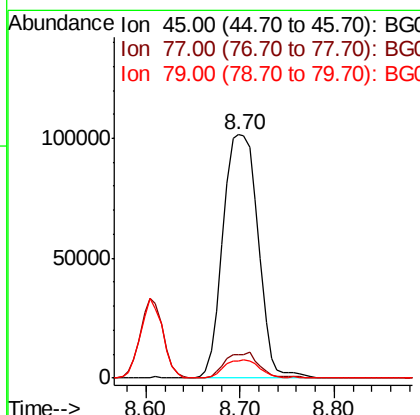
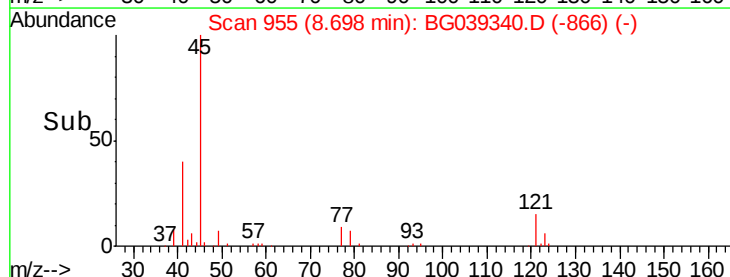
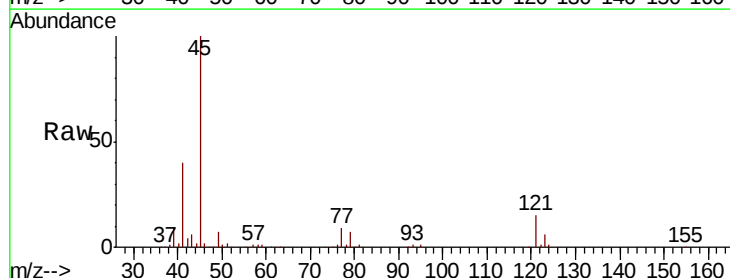
RT: 8.70 min Scan# 955

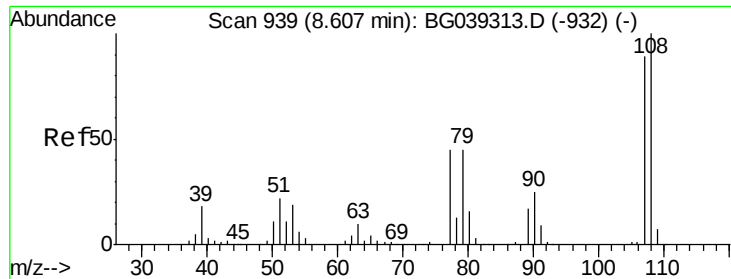
Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	45	Resp:	263043
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	30.0
79	7.1	0.0	27.5





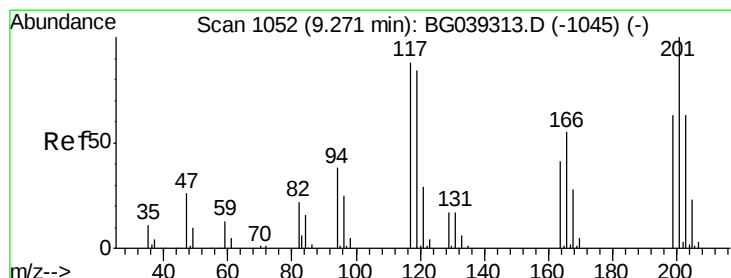
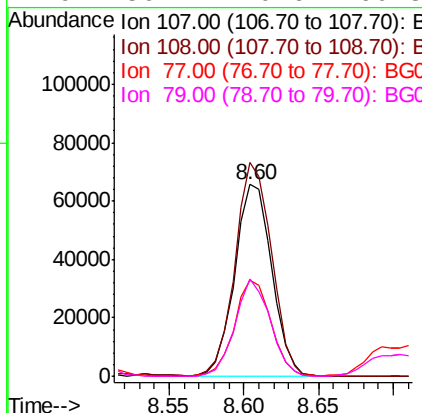
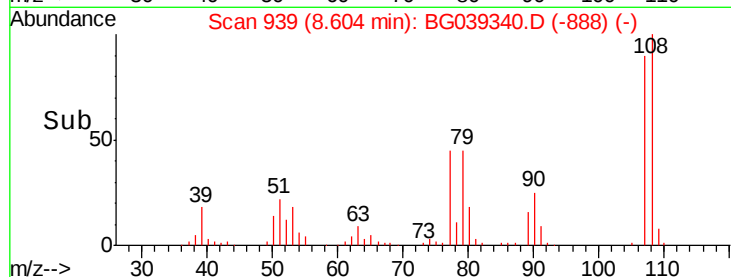
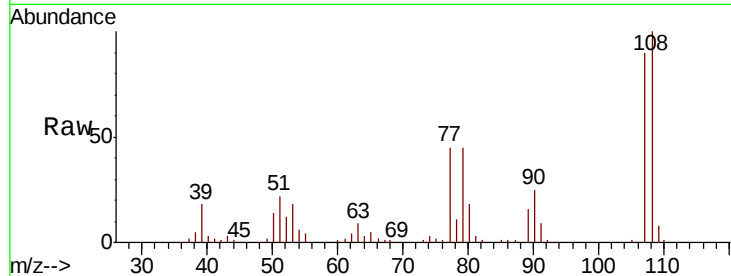
#17
2-Methylphenol
Concen: 42.024 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	90.8	136.2	
77	50.3	40.7	61.1	
79	50.4	40.6	60.8	

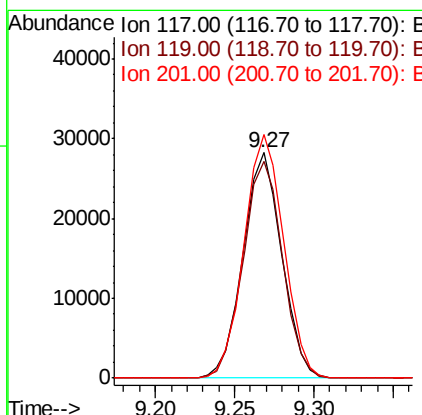
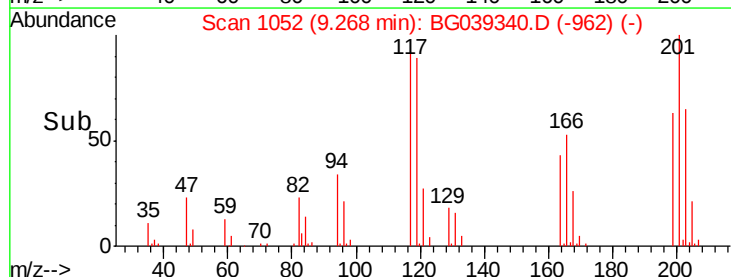
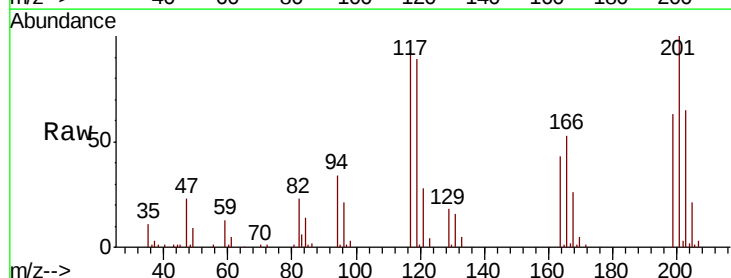
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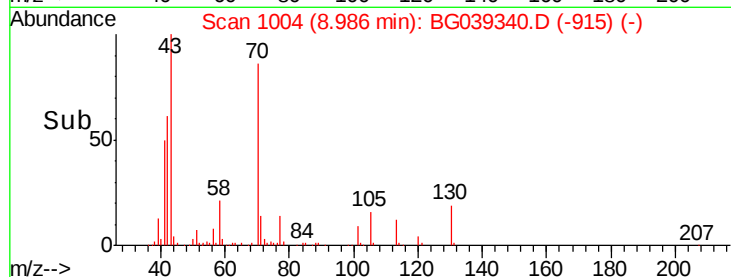
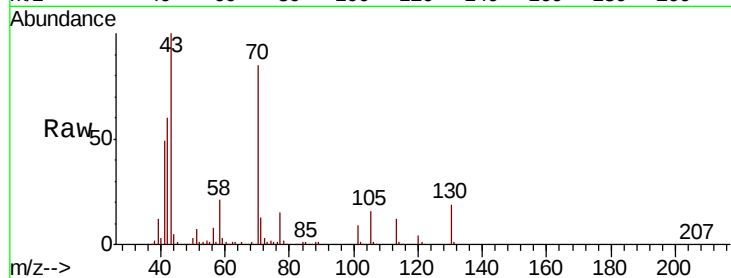
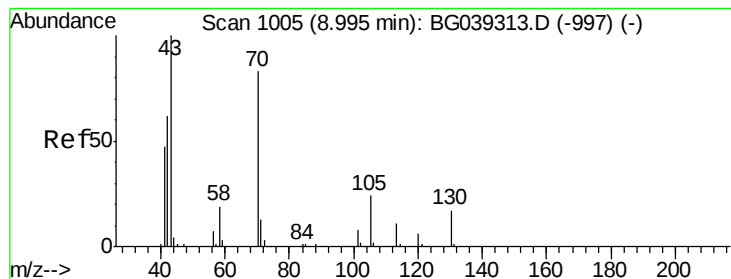
mohammad
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#18
Hexachloroethane
Concen: 38.804 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	76.3	114.5	
201	108.2	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 37.361 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

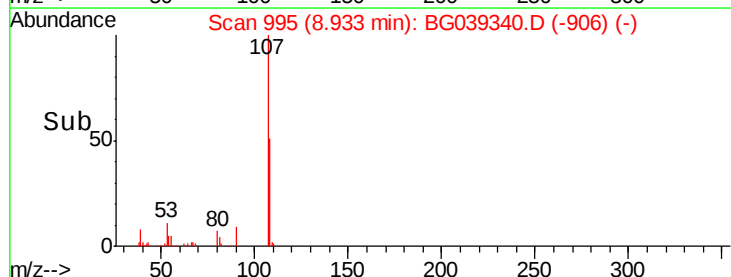
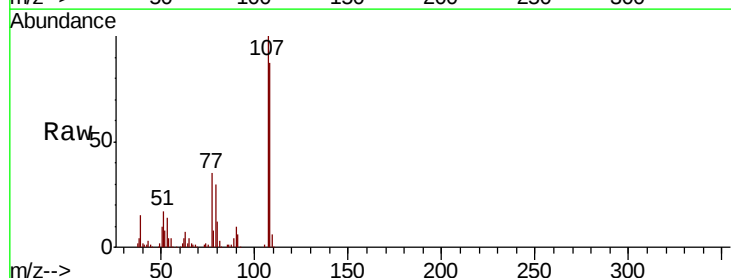
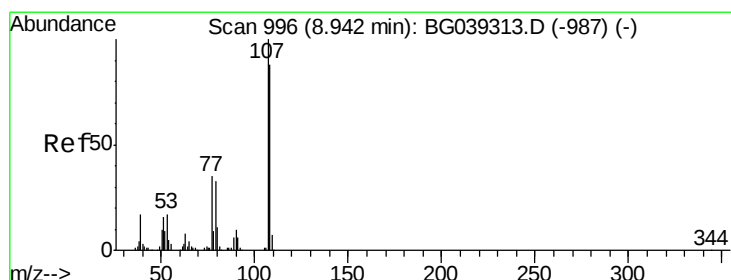
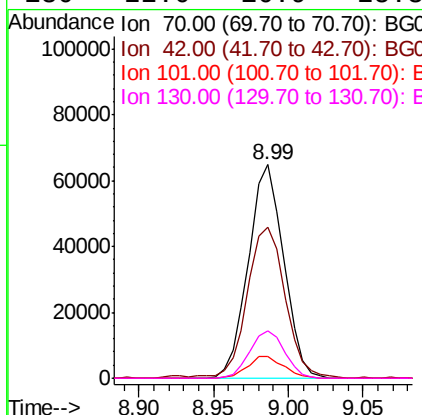
ClientSampleId :

TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	70.6		60.4	90.6	
101	10.1		7.5	11.3	
130	22.0		16.9	25.3	

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#20

3+4-Methylphenols

Concen: 41.787 ng

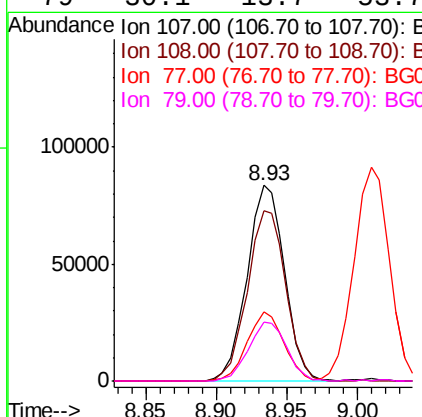
RT: 8.93 min Scan# 995

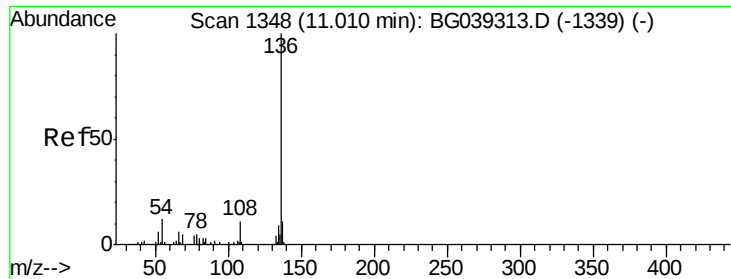
Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.7		67.9	107.9	
77	35.1		15.4	55.4	
79	30.1		13.7	53.7	





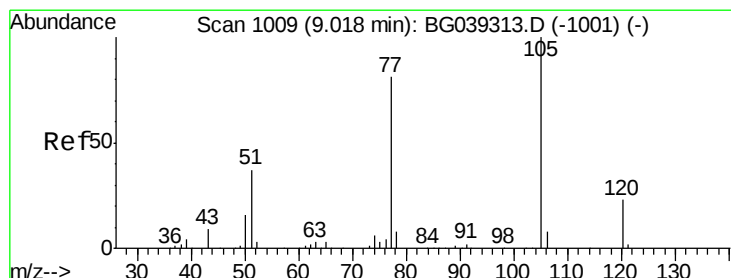
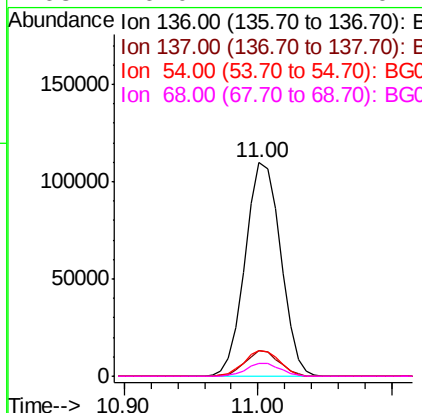
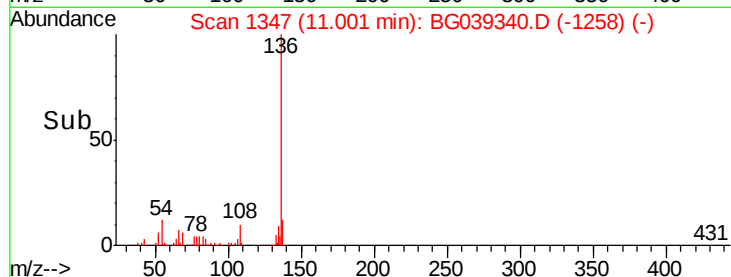
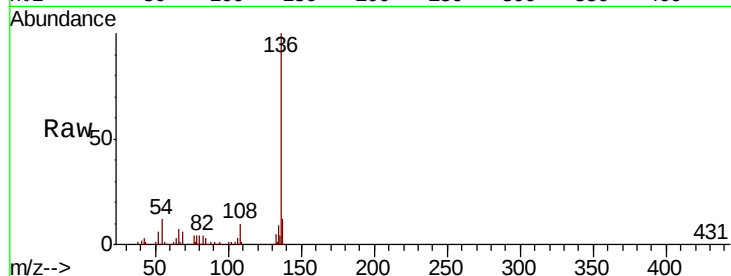
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	201734		
137	11.8		9.1	13.7
54	12.0		9.4	14.2
68	6.0		4.2	6.4

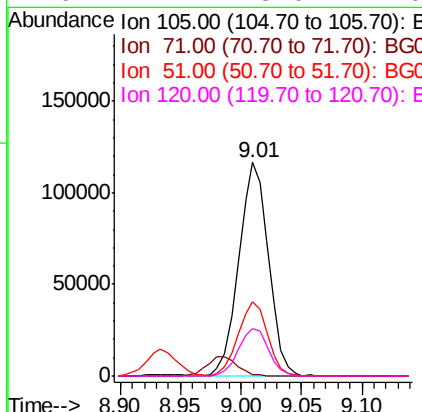
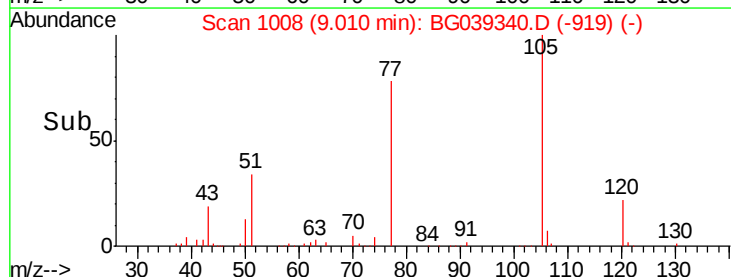
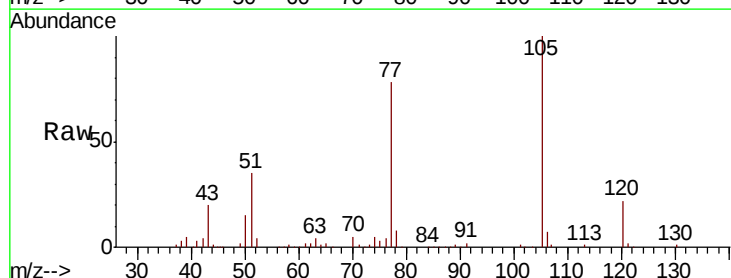
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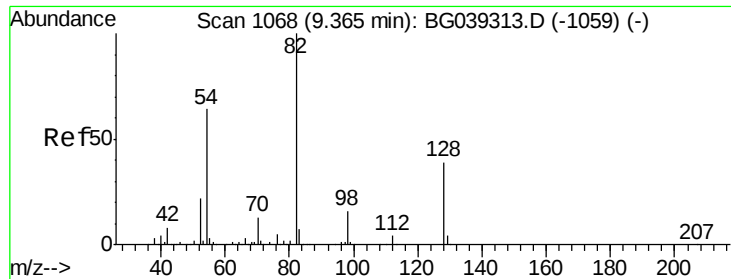
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#22
Acetophenone
Concen: 36.720 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198984		
71	0.9		0.8	1.2
51	34.8		30.2	45.2
120	22.1		18.0	27.0





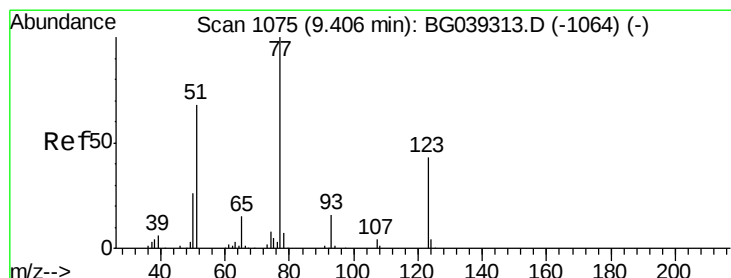
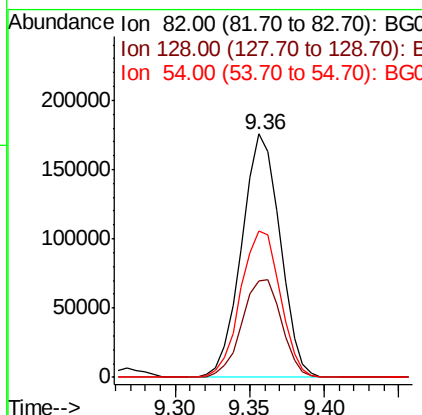
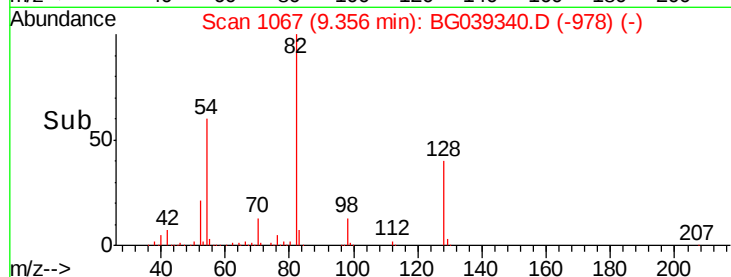
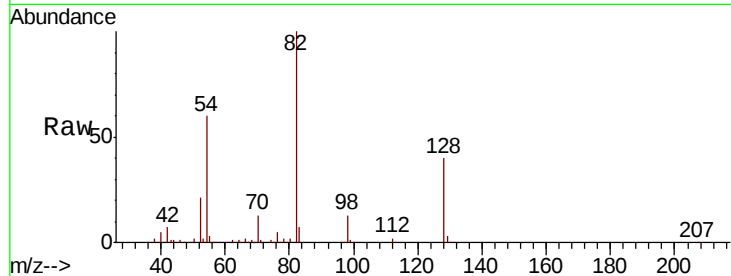
#23
 Nitrobenzene-d5
 Concen: 97.104 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	313569		
128	39.8	31.3	46.9	
54	60.2	50.9	76.3	

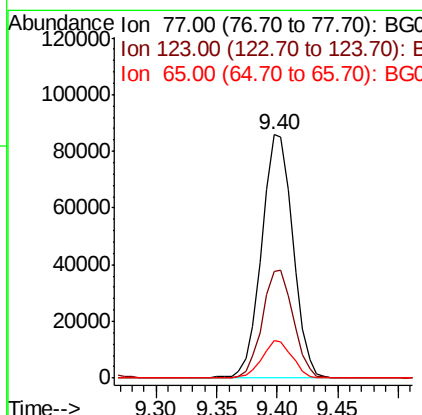
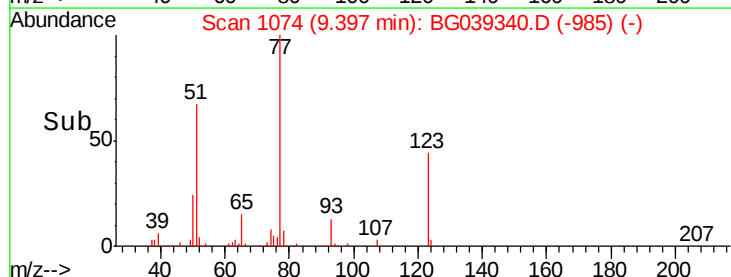
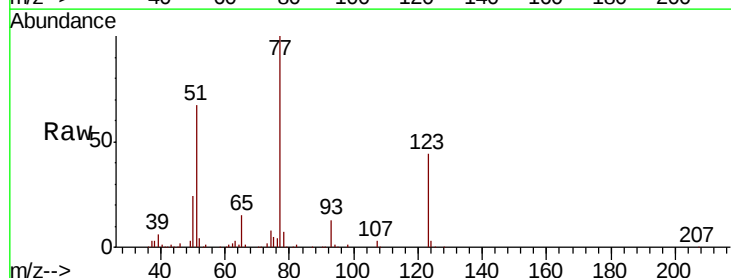
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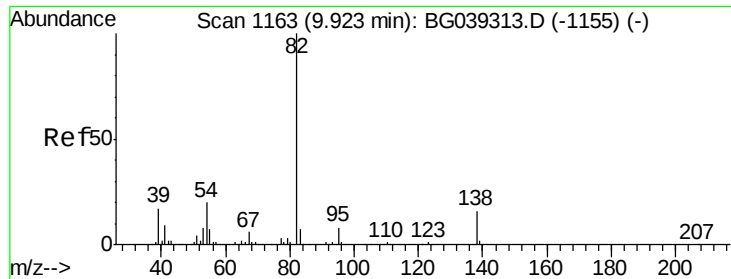
mohammad
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#24
 Nitrobenzene
 Concen: 44.299 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	154541		
123	44.1	34.1	51.1	
65	15.3	12.3	18.5	





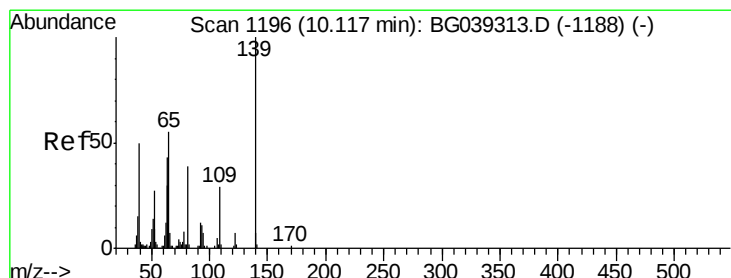
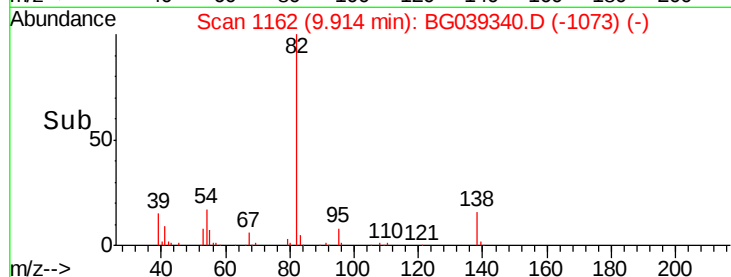
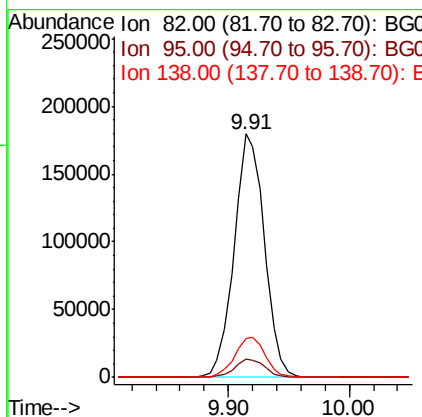
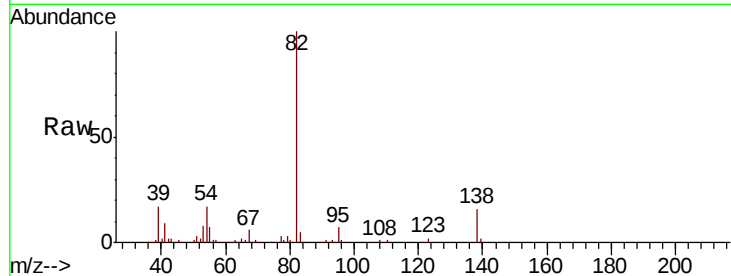
#25
Isophorone
Concen: 43.770 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	313211		
95	7.4		6.2	9.2
138	16.0		13.0	19.4

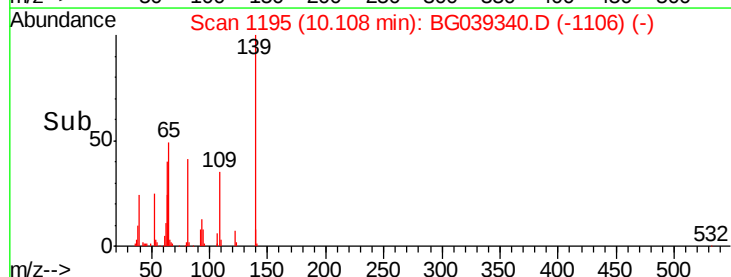
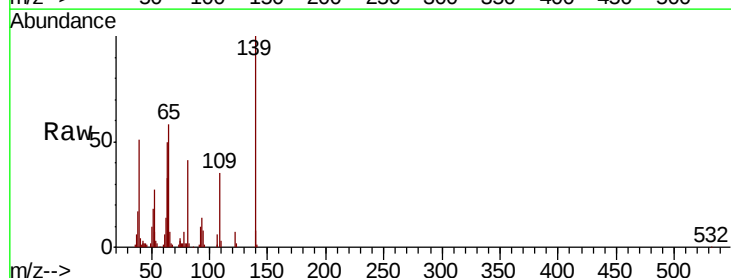
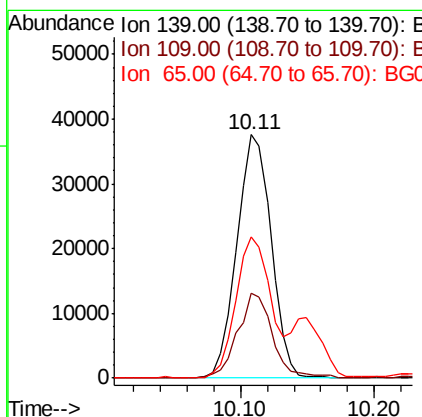
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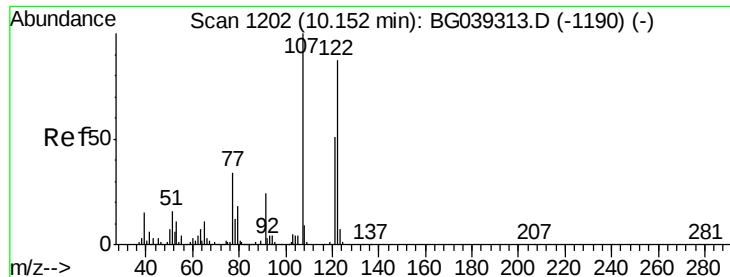
mohammad
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#26
2-Nitrophenol
Concen: 48.731 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66830		
109	35.0		23.4	35.0
65	58.0		44.3	66.5





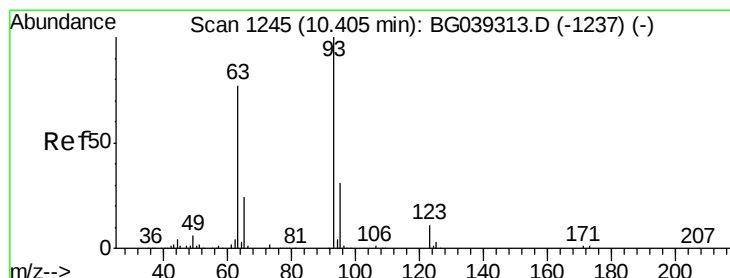
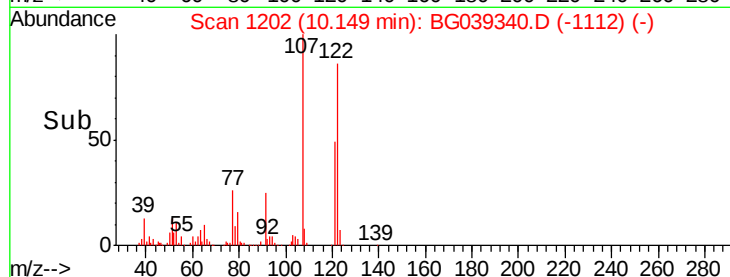
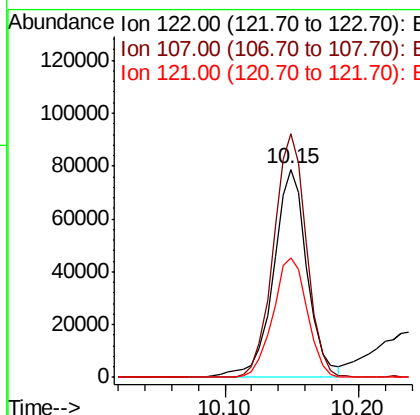
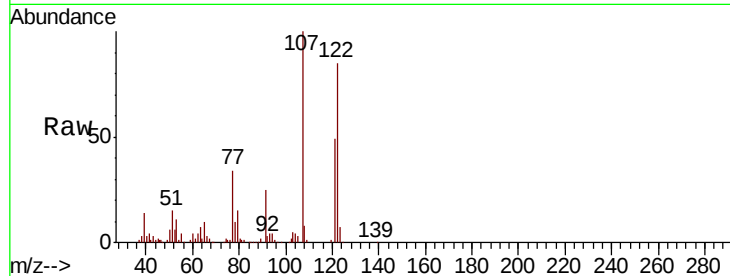
#27
2,4-Dimethylphenol
Concen: 48.082 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	91.7	137.5
121	57.5	46.4	69.6

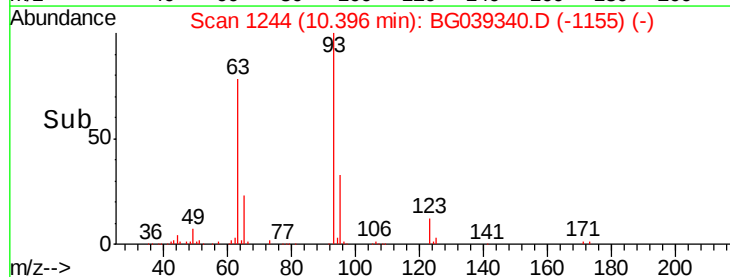
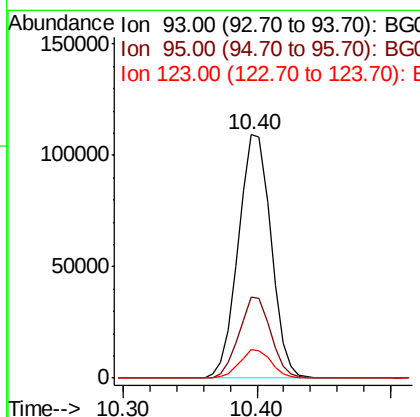
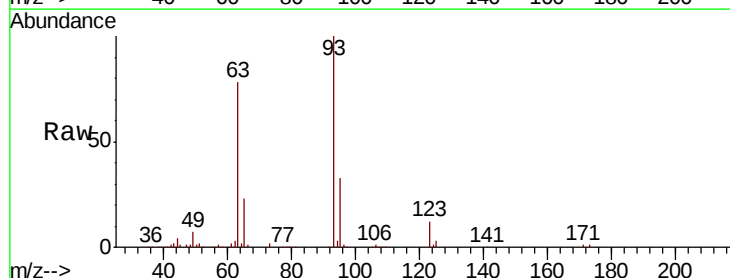
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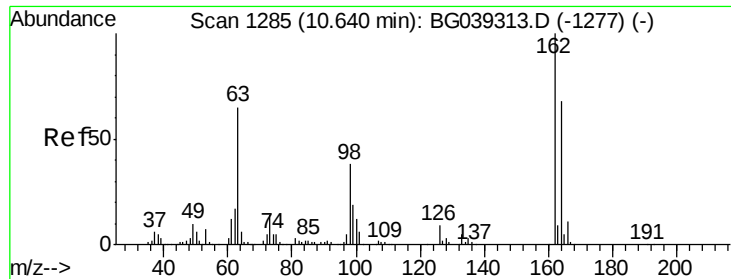
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#28
bis(2-Chloroethoxy)methane
Concen: 42.079 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	11.6	8.6	12.8





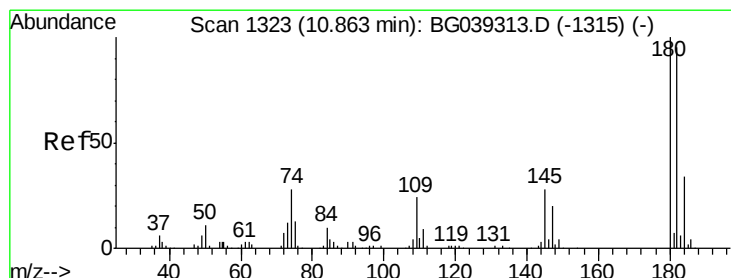
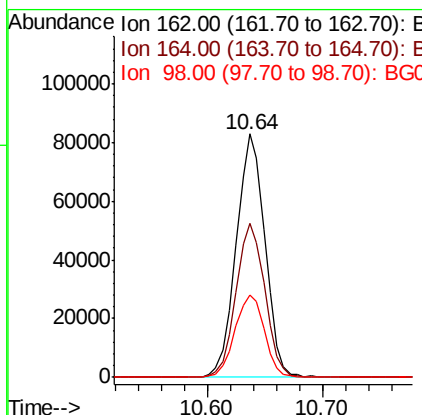
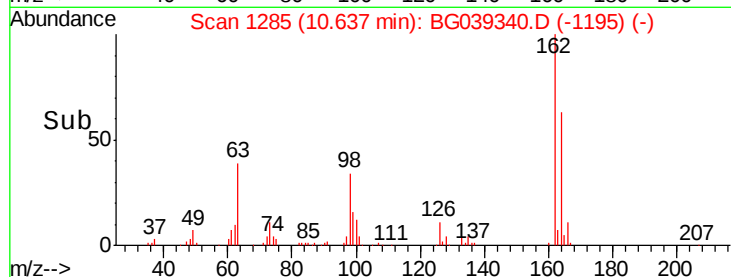
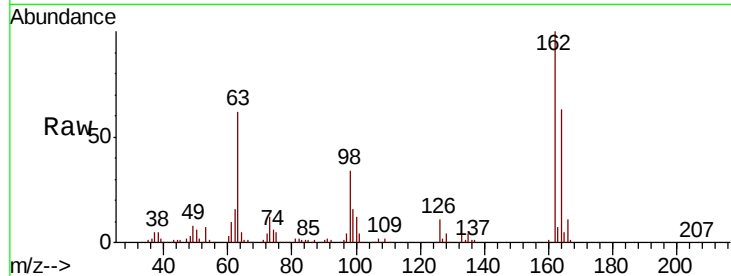
#29
2,4-Dichlorophenol
Concen: 45.014 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	48.1	88.1
98	33.8	18.1	58.1

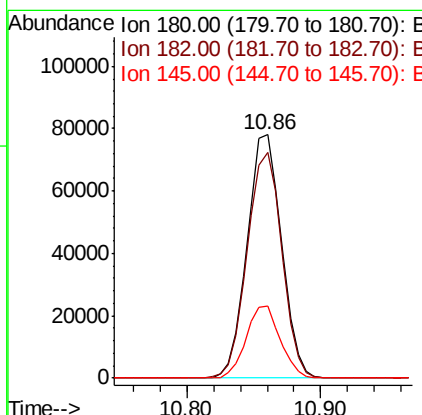
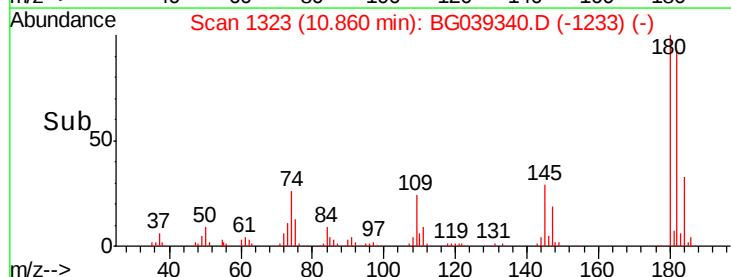
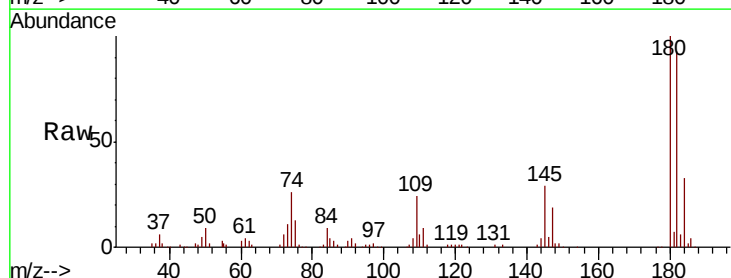
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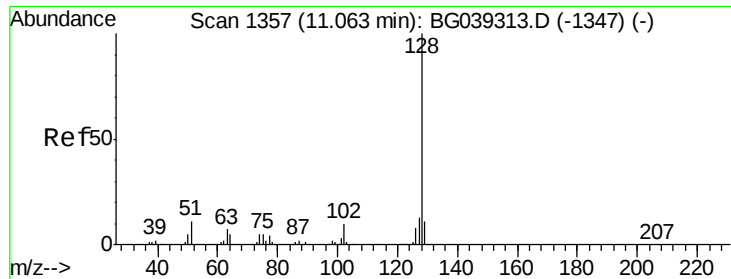
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#30
1,2,4-Trichlorobenzene
Concen: 39.028 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.0	114.0
145	29.5	22.7	34.1





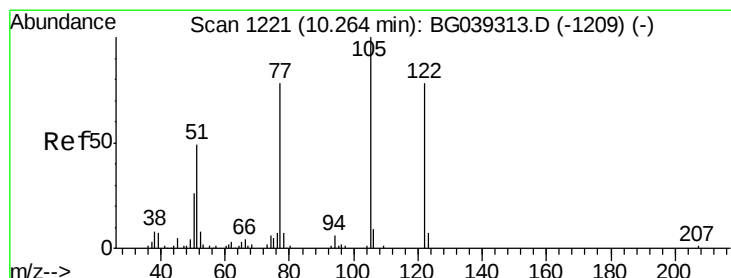
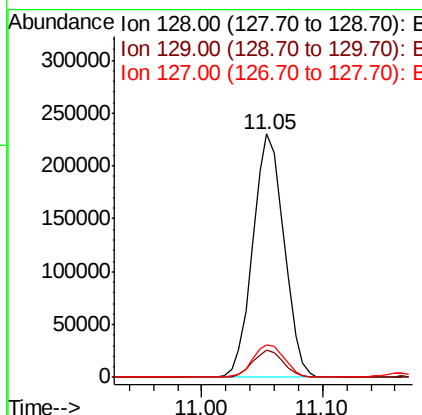
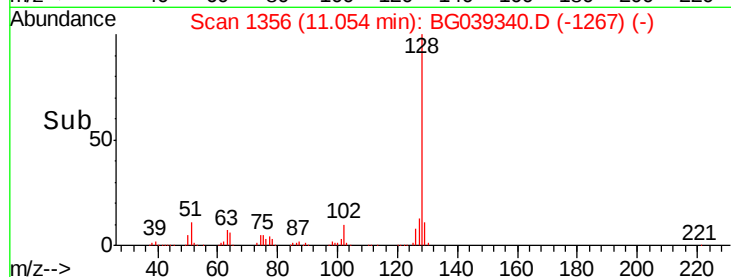
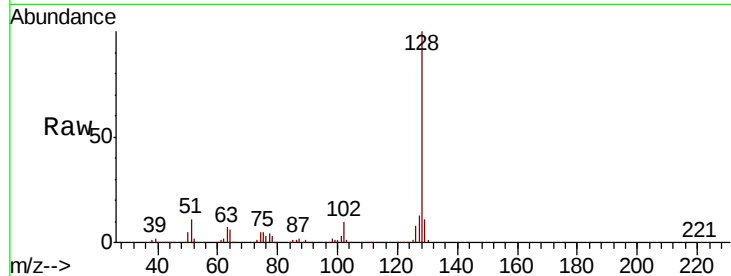
#31
Naphthalene
Concen: 41.341 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.4	10.8	16.2

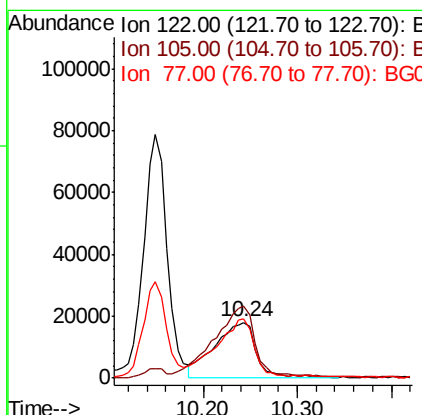
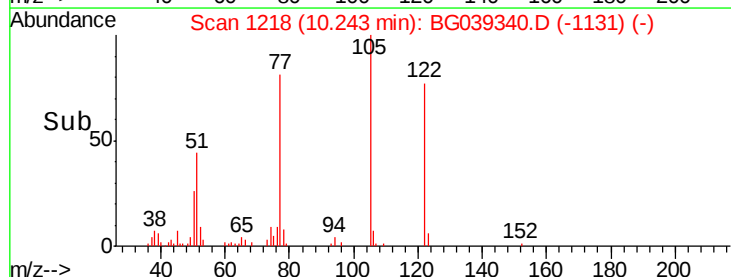
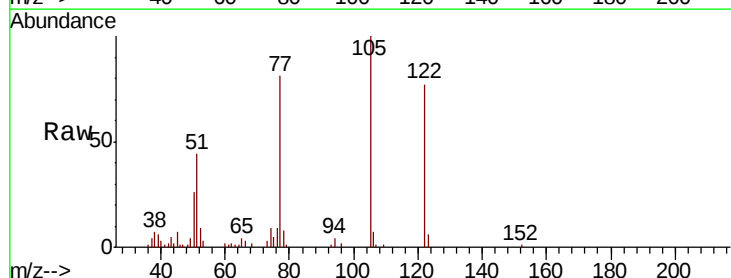
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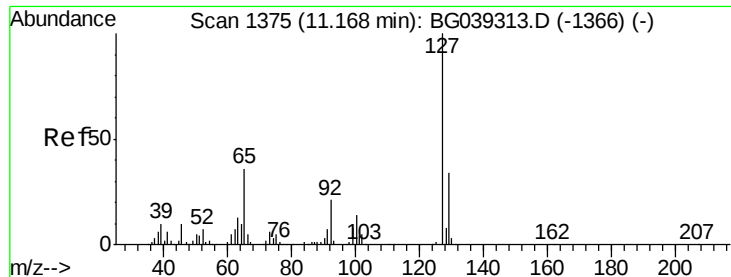
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#32
Benzoic acid
Concen: 32.747 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.2	101.8	141.8
77	105.8	76.3	116.3





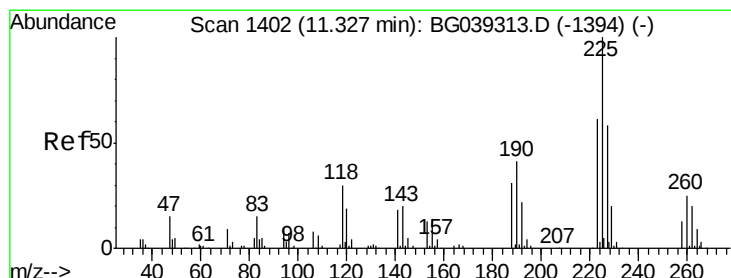
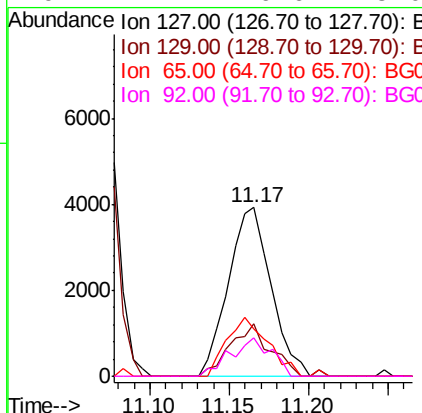
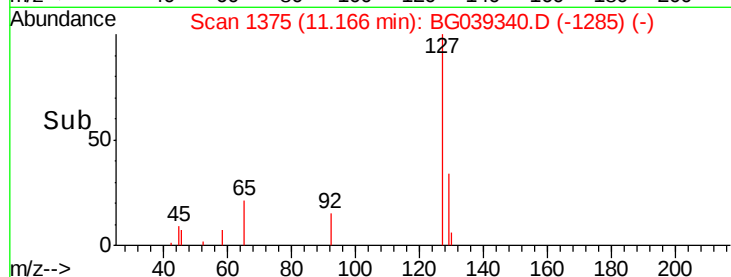
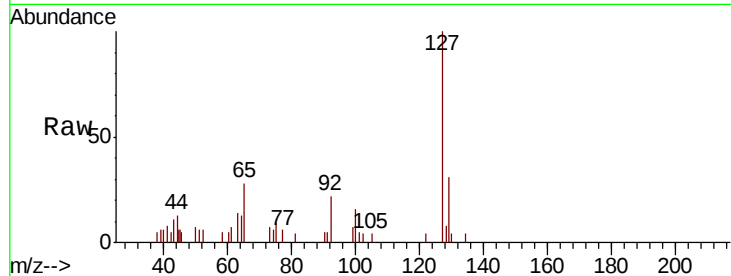
#33
4-Chloroaniline
Concen: 1.588 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	27.0	40.4
65	27.9	28.8	43.2
92	22.4	16.6	25.0

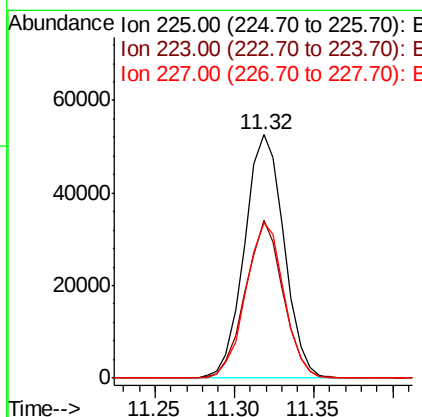
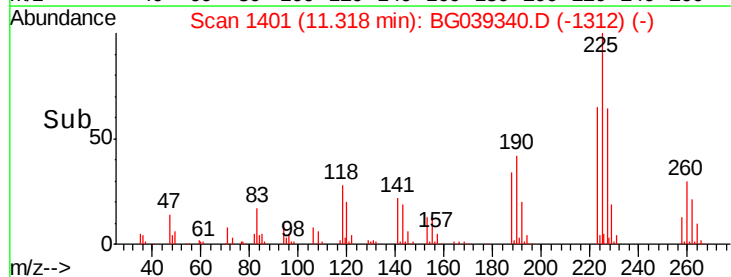
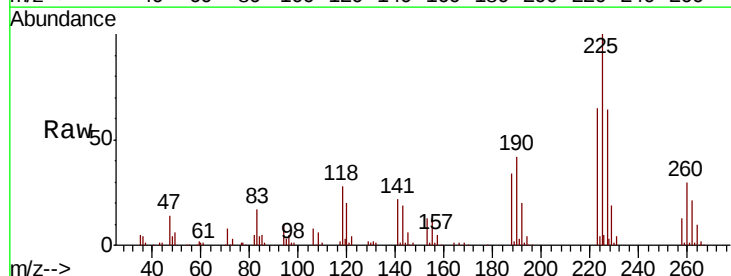
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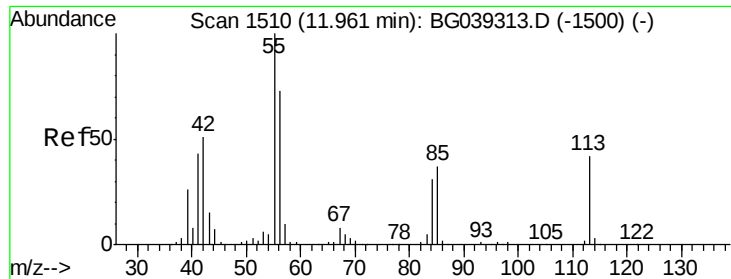
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#34
Hexachlorobutadiene
Concen: 38.432 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.0	73.6
227	63.6	46.3	69.5





#35

Caprolactam

Concen: 31.231 ng/mL

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:113 Resp: 40887

Ion Ratio Lower Upper

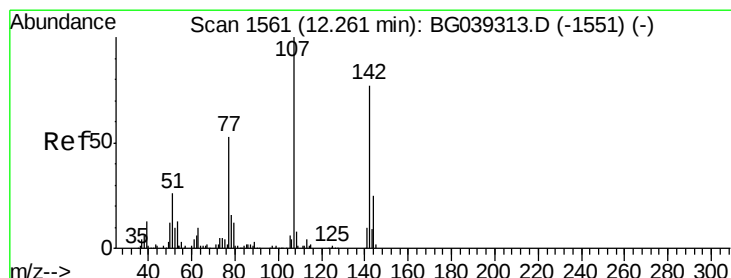
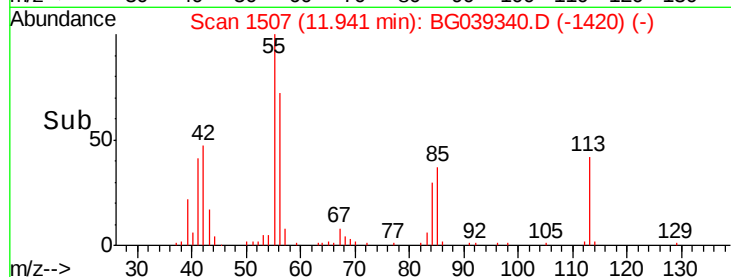
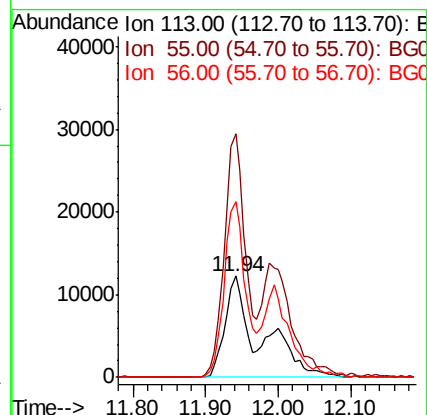
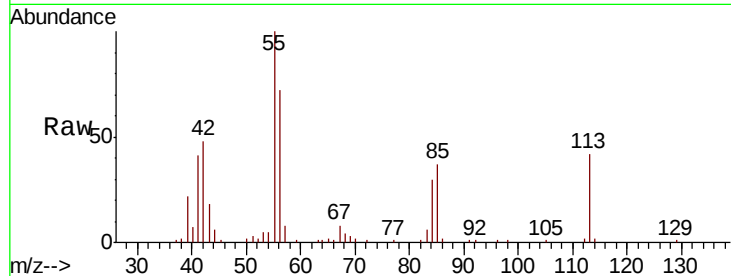
113 100

55 240.3 216.9 256.9

56 173.5 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 43.272 ng/mL

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

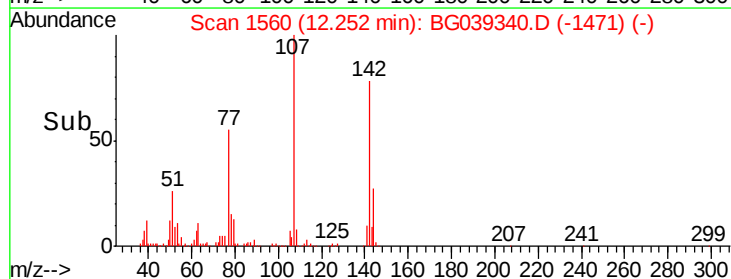
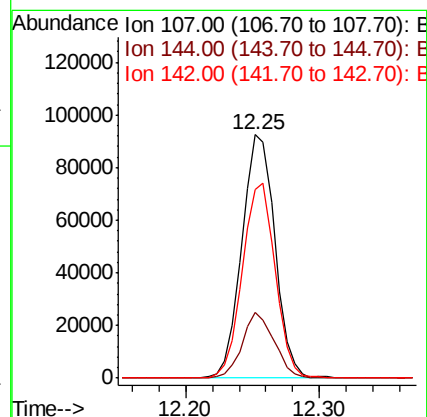
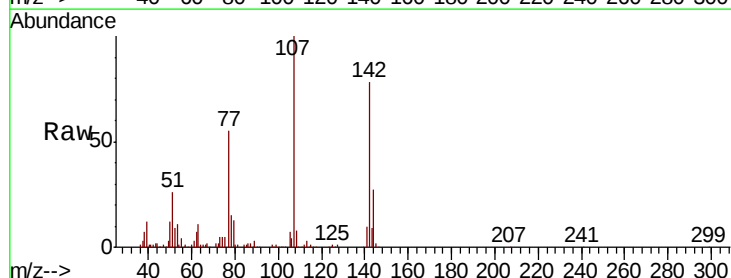
Tgt Ion:107 Resp: 158328

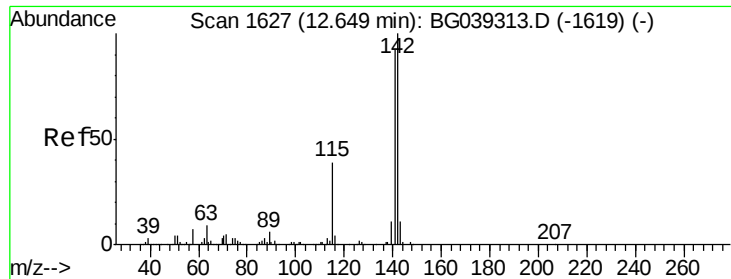
Ion Ratio Lower Upper

107 100

144 27.0 20.2 30.2

142 77.6 61.4 92.2





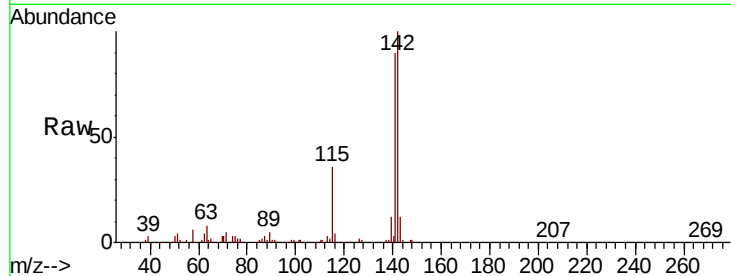
#37
2-Methylnaphthalene
Concen: 43.185 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
115	36.2	30.8	46.2

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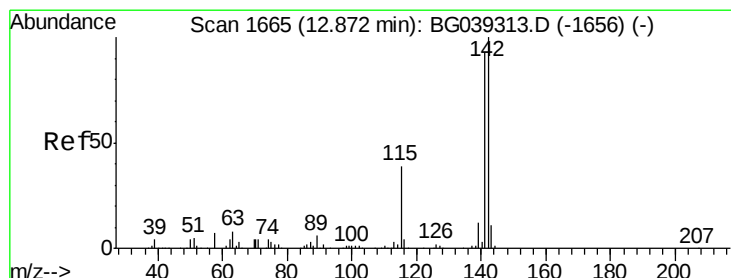
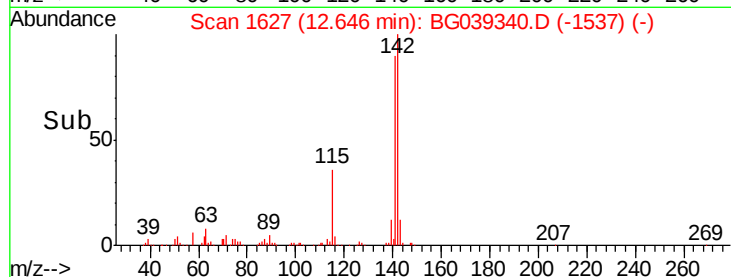
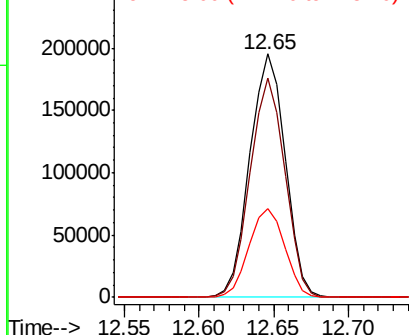


Abundance

Ion 142.00 (141.70 to 142.70): E

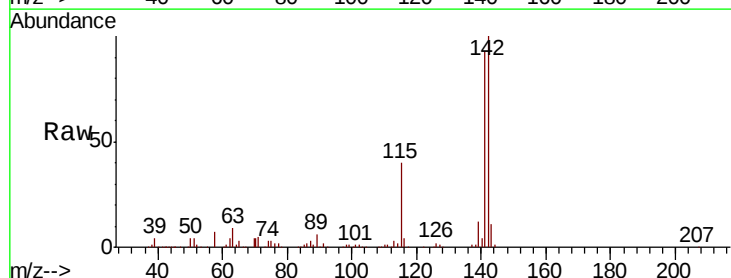
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.254 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	4.1	3.0	4.6

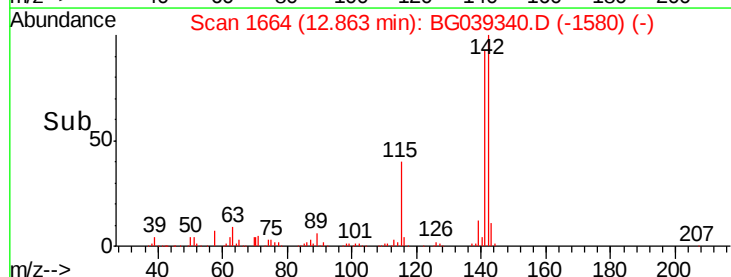
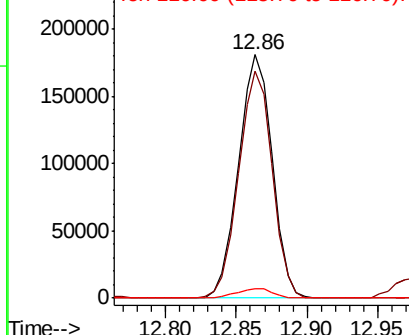


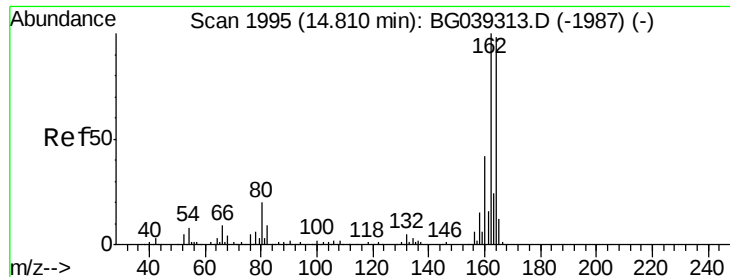
Abundance

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





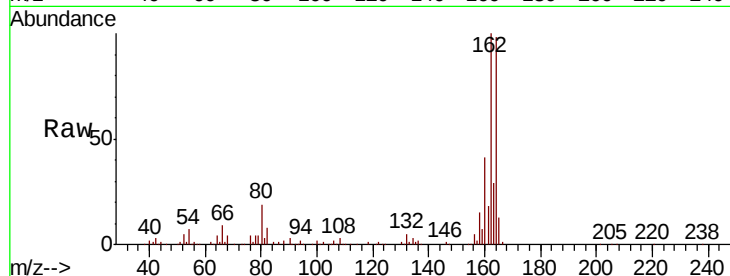
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	81.6	122.4	
160	42.3	34.2	51.2	

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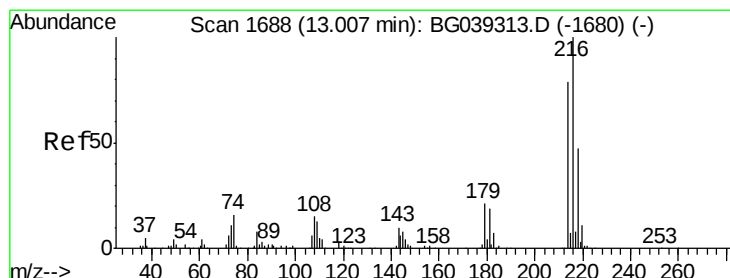
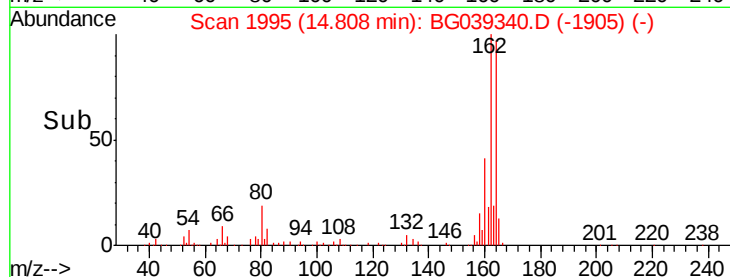
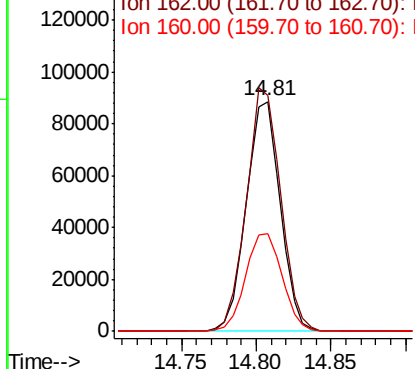


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.682 ng
RT: 13.00 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	62.6	94.0	
179	20.5	16.6	25.0	
108	18.3	14.0	21.0	

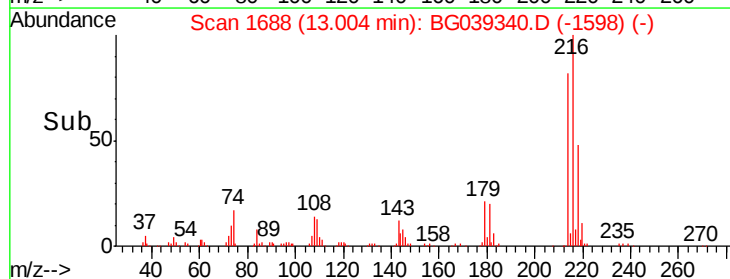
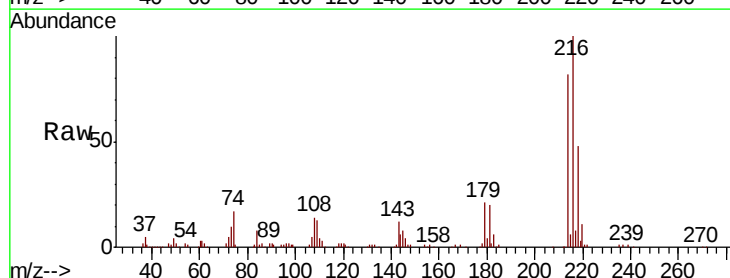
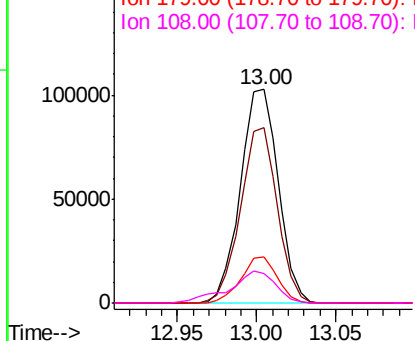
Abundance

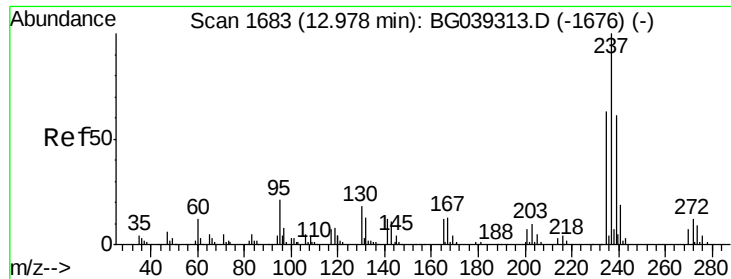
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





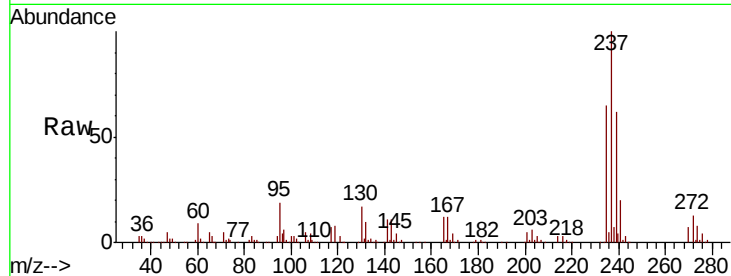
#41
Hexachlorocyclopentadiene
Concen: 84.365 ng
RT: 12.97 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

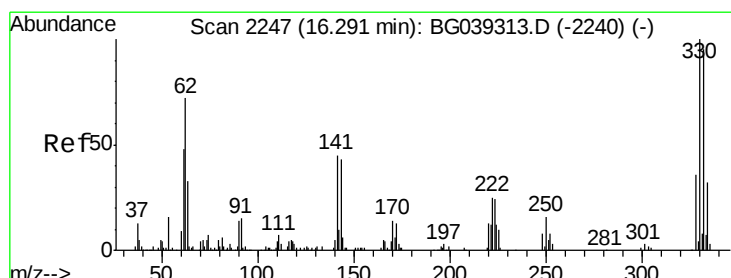
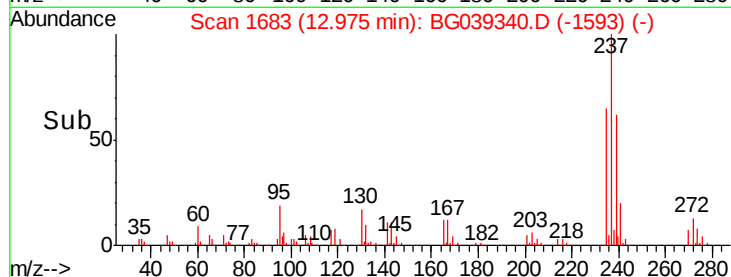
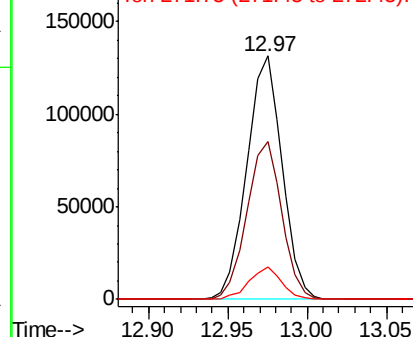
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.7	43.3	83.3
272	13.2	0.0	32.3

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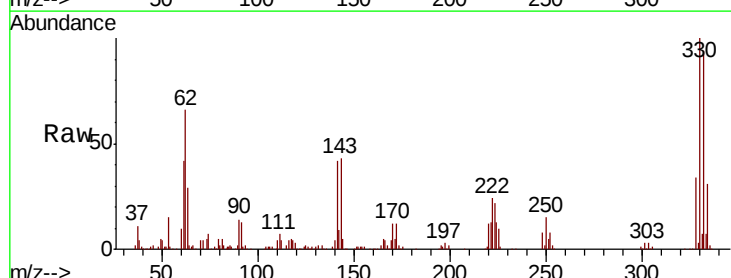


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

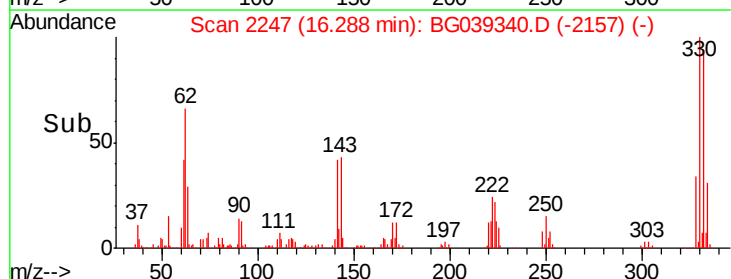
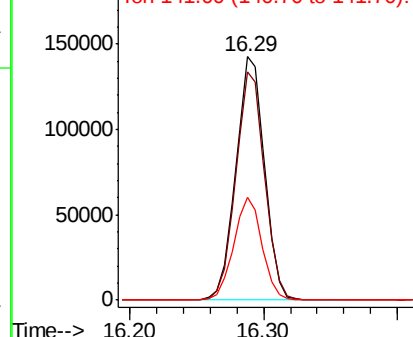


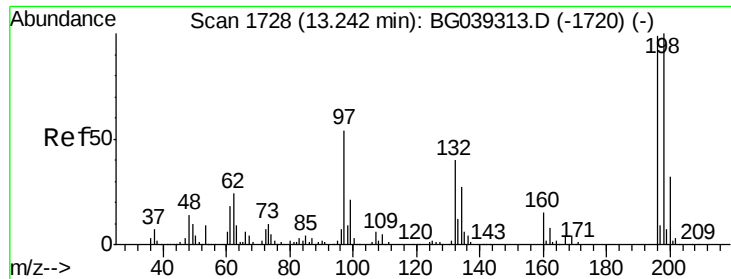
#42
2,4,6-Tribromophenol
Concen: 142.205 ng
RT: 16.29 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.0	75.7	113.5
141	41.9	35.6	53.4



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





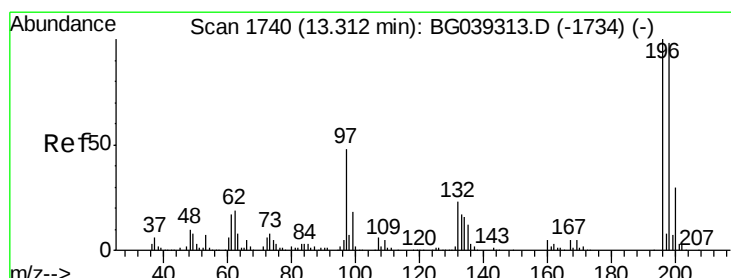
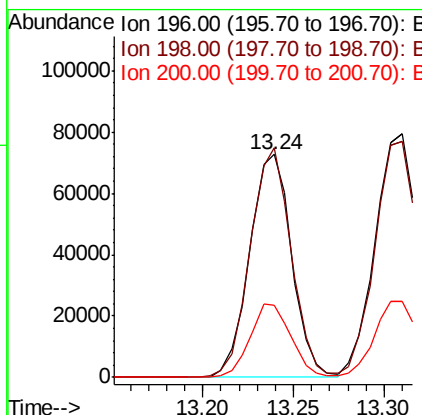
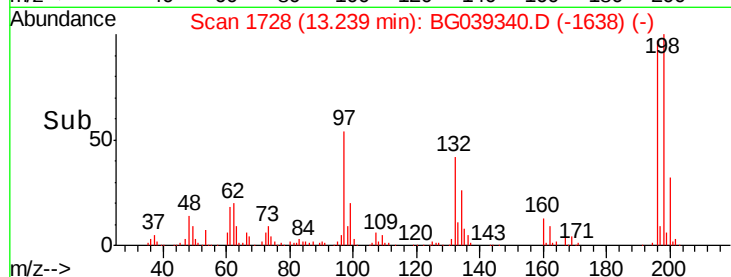
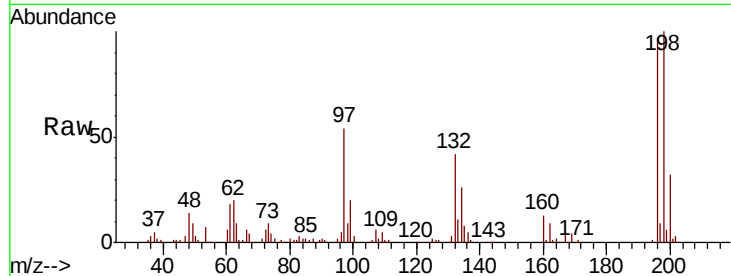
#43
 2,4,6-Trichlorophenol
 Concen: 43.434 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	118046		
198	103.3	80.6	121.0	
200	32.6	26.1	39.1	

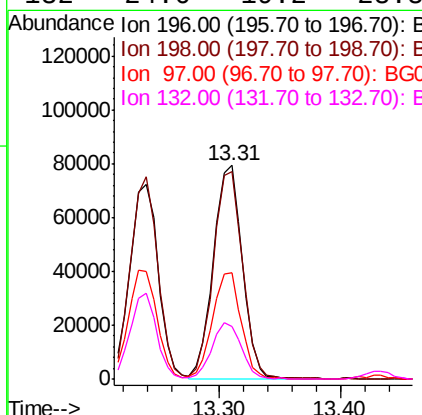
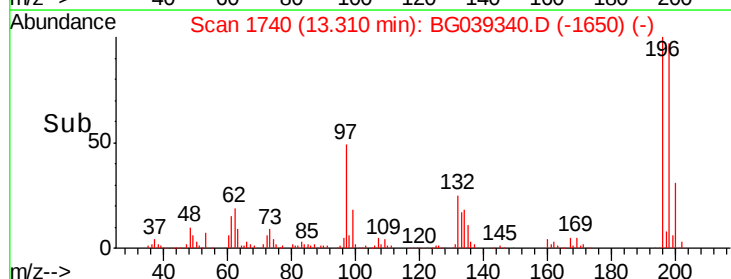
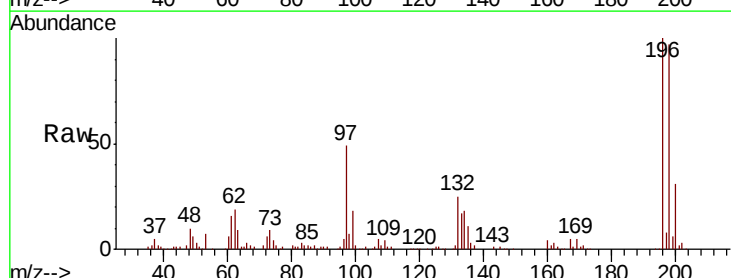
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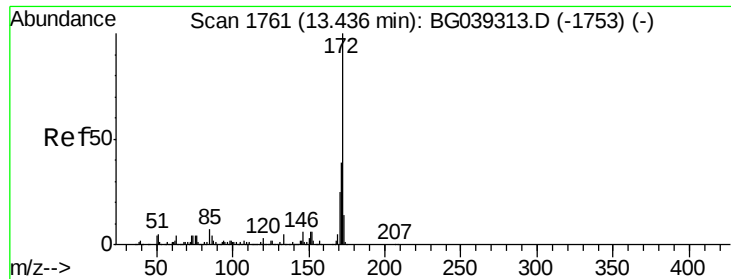
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#44
 2,4,5-Trichlorophenol
 Concen: 46.244 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131728		
198	97.1	78.5	117.7	
97	49.5	38.4	57.6	
132	24.6	19.2	28.8	





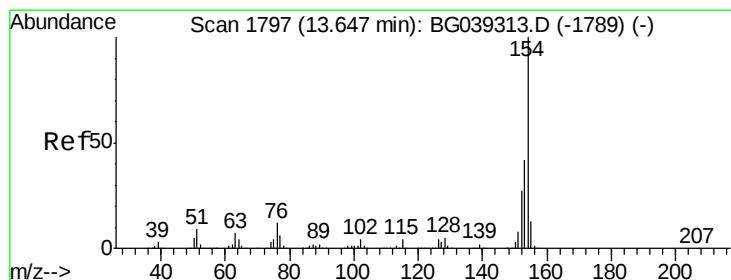
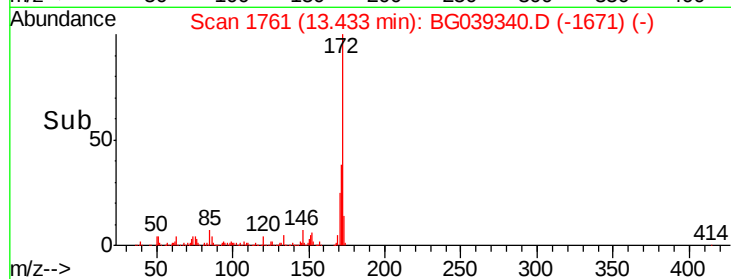
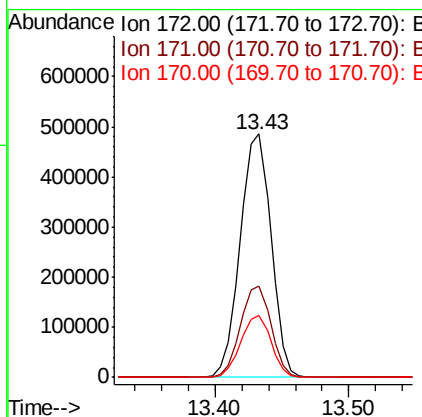
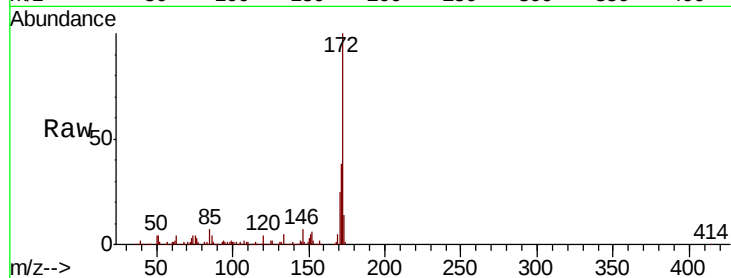
#45
 2-Fluorobiphenyl
 Concen: 80.096 ng
 RT: 13.43 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.3	20.2	30.4

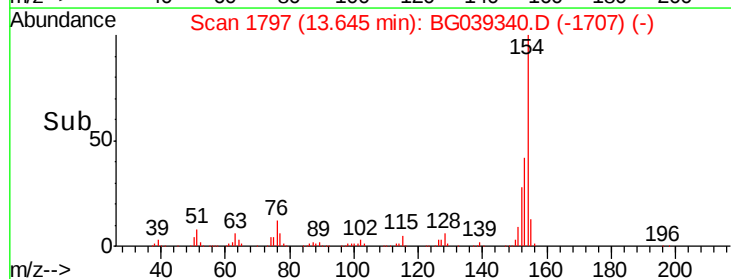
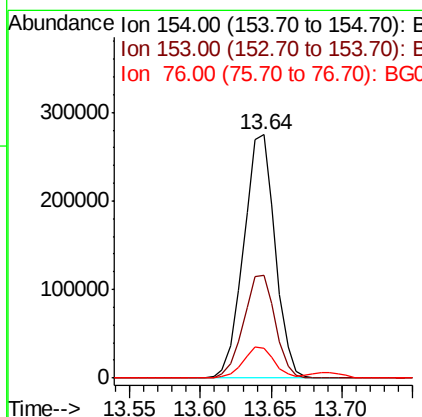
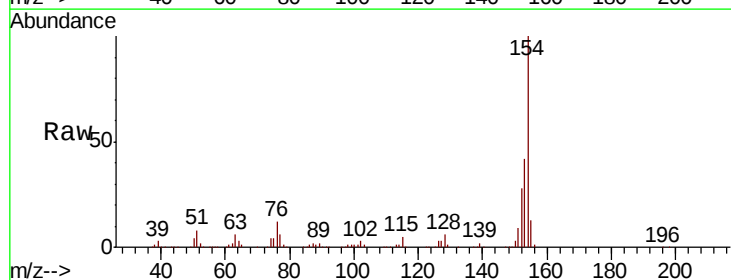
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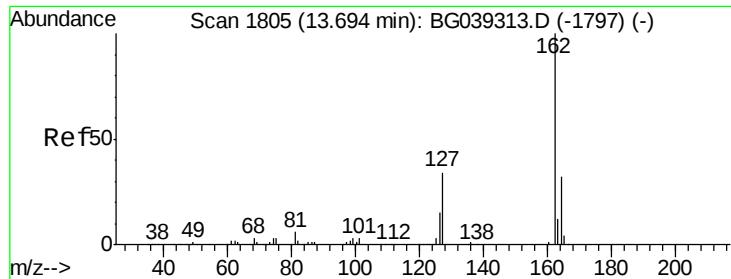
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#46
 1,1'-Biphenyl
 Concen: 37.010 ng
 RT: 13.64 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.1	62.1
76	12.4	0.0	32.4





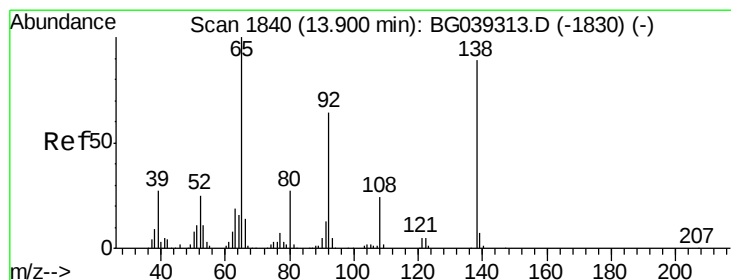
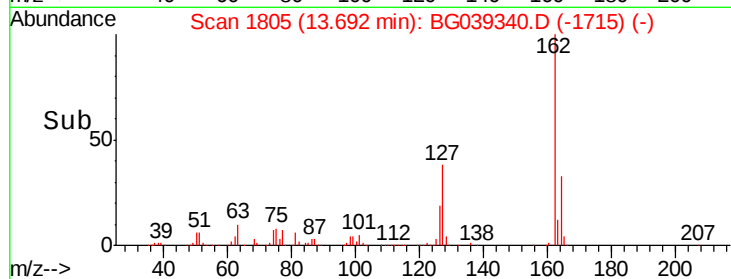
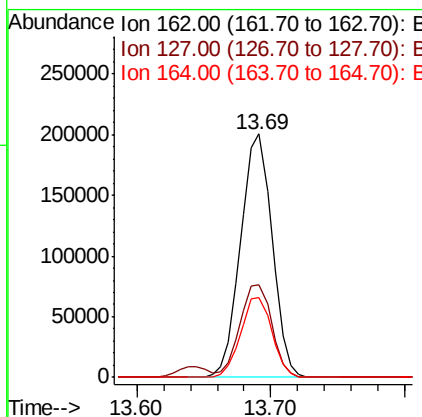
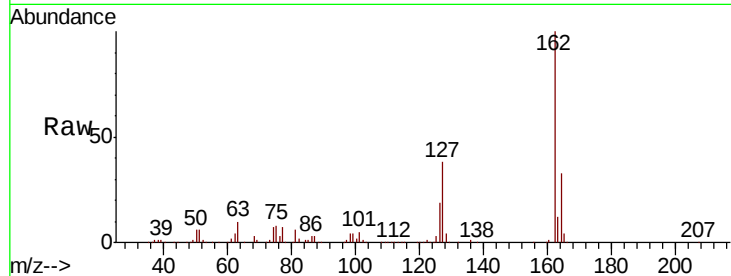
#47
2-Chloronaphthalene
Concen: 37.612 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.0	46.6
164	32.6	25.7	38.5

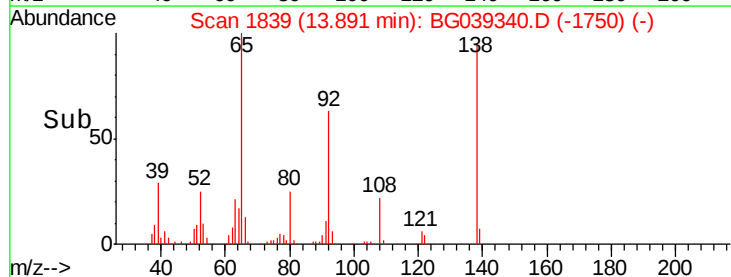
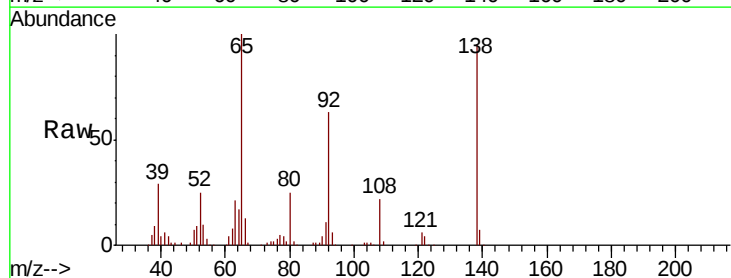
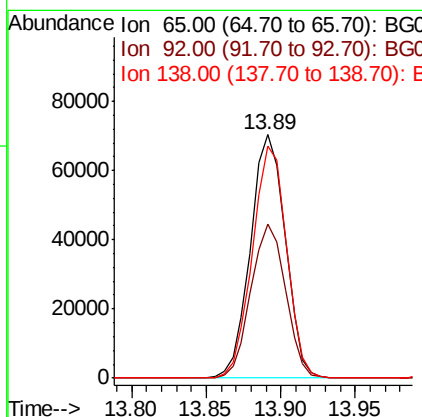
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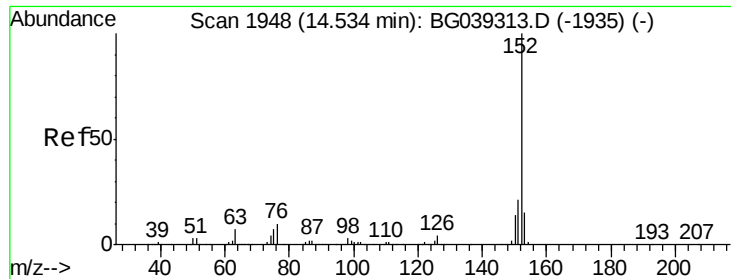
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#48
2-Nitroaniline
Concen: 45.900 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	51.4	77.2
138	95.3	71.4	107.2





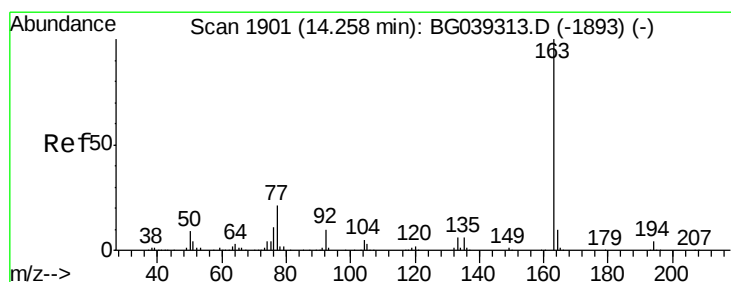
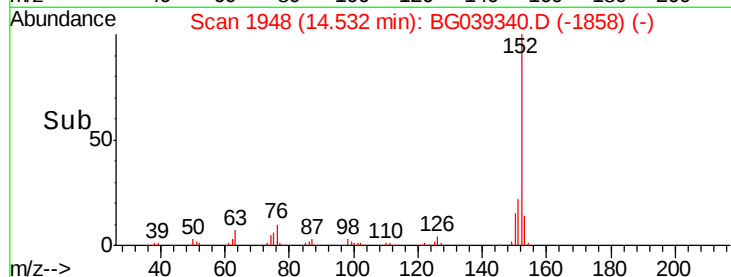
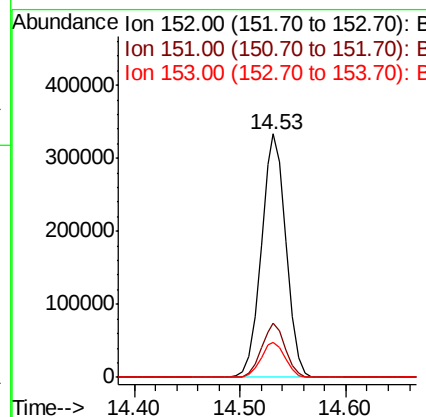
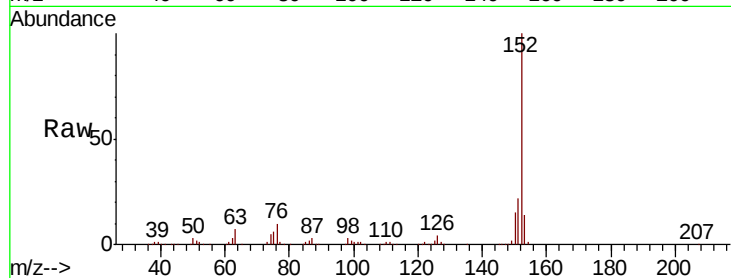
#49
Acenaphthylene
Concen: 41.134 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.8	25.2
153	14.3	11.7	17.5

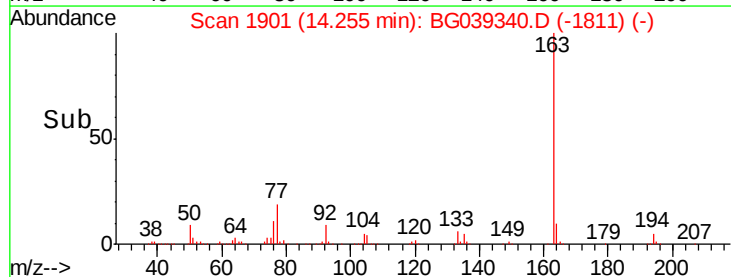
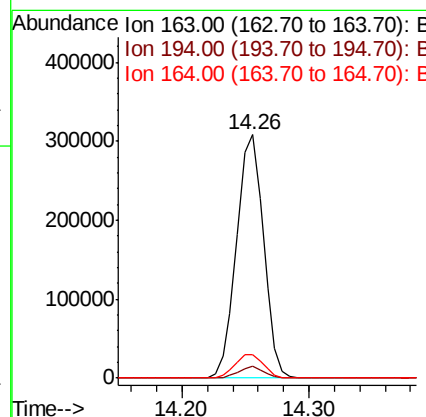
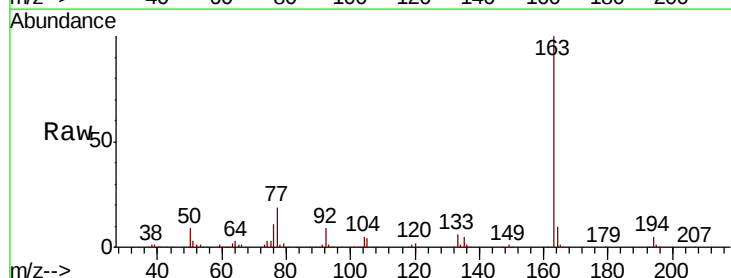
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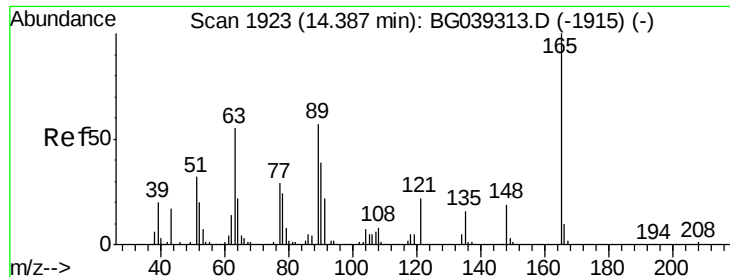
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#50
Dimethylphthalate
Concen: 40.368 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	9.6	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 46.776 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

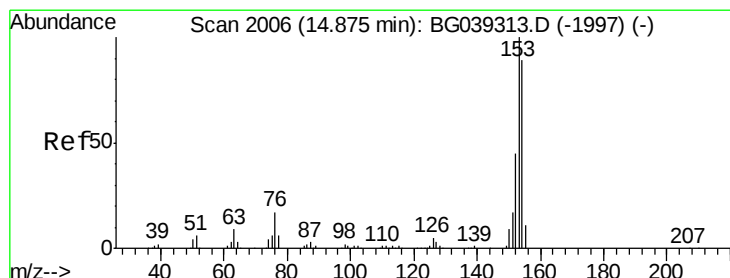
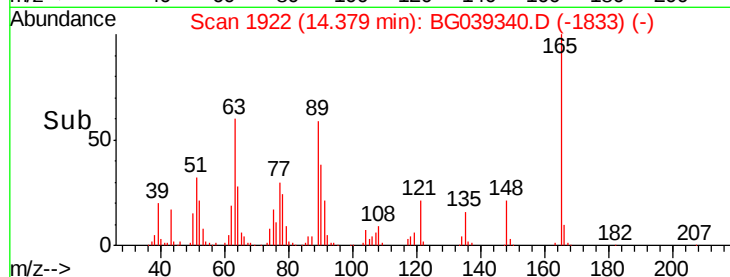
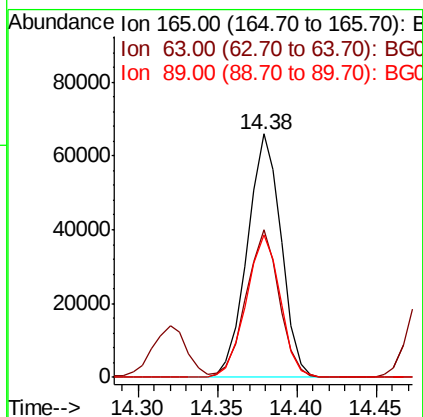
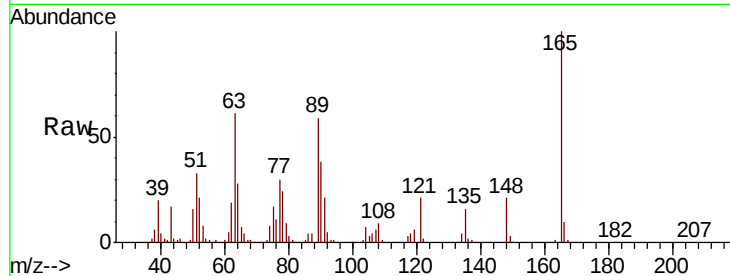
ClientSampled :

TP-1MSD

Tot Ion:	165	Resp:	97685
Ion Ratio	Lower	Upper	
165	100		
63	60.6	47.0	70.6
89	58.5	45.8	68.8

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#52

Acenaphthene

Concen: 39.733 ng

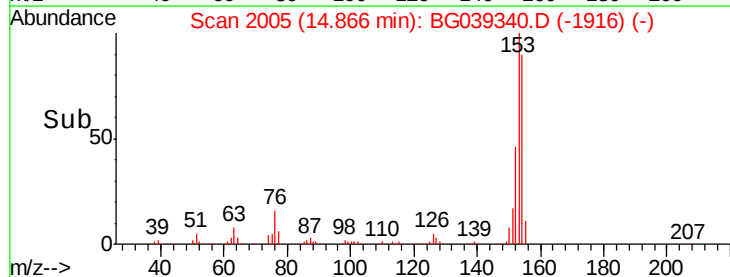
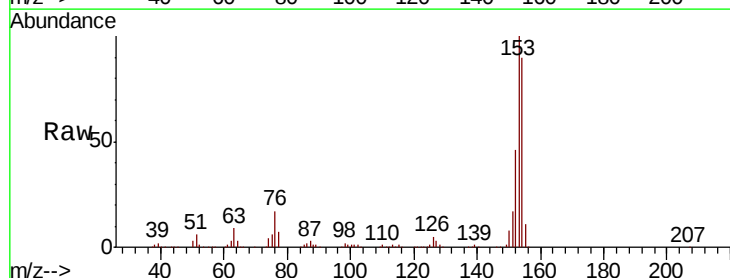
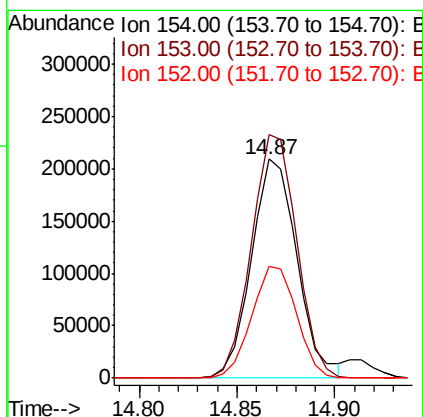
RT: 14.87 min Scan# 2005

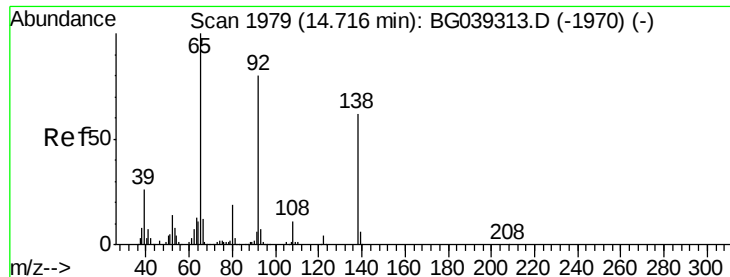
Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	154	Resp:	338413
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.1	135.1
152	51.2	40.9	61.3





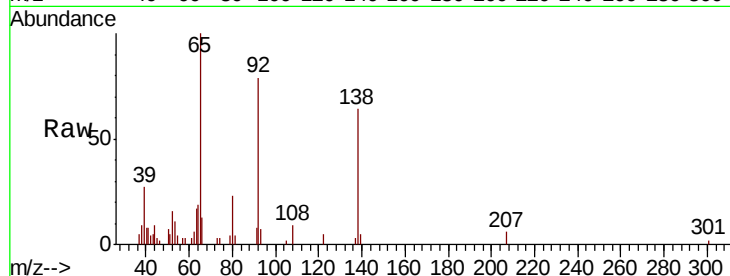
#53
3-Nitroaniline
Concen: 8.609 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

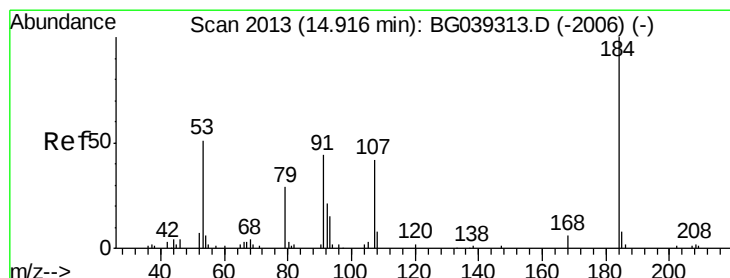
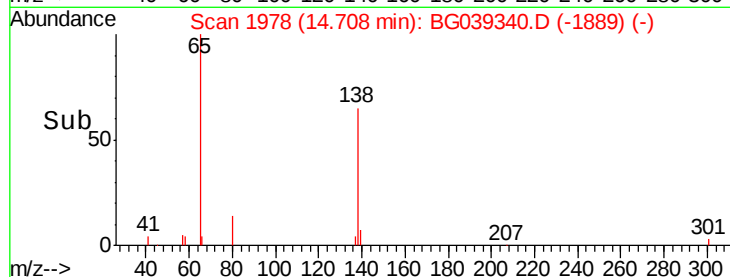
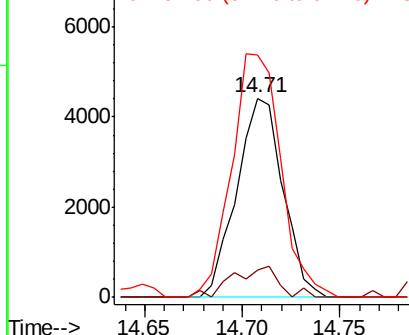
Tot Ion:138 Resp: 7248
Ion Ratio Lower Upper
138 100
108 13.4 13.8 20.8#
92 121.7 103.7 155.5

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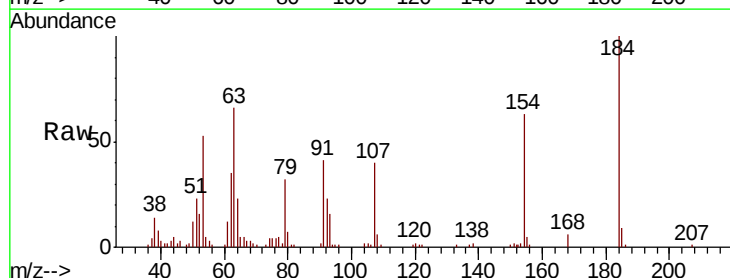


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

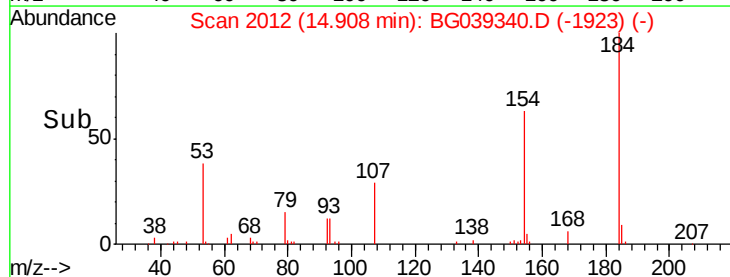
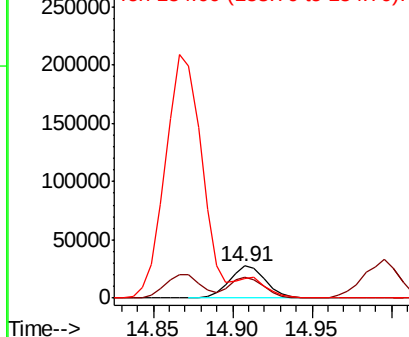


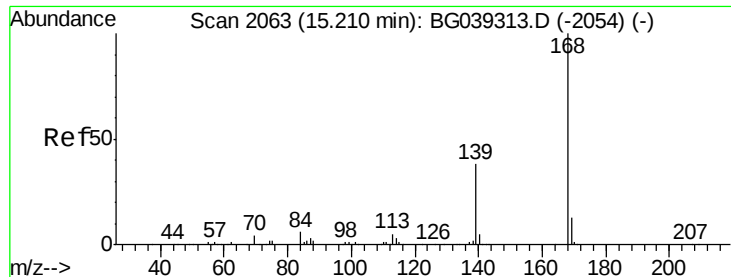
#54
2,4-Dinitrophenol
Concen: 54.648 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion:184 Resp: 42711
Ion Ratio Lower Upper
184 100
63 66.5 50.9 76.3
154 63.5 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





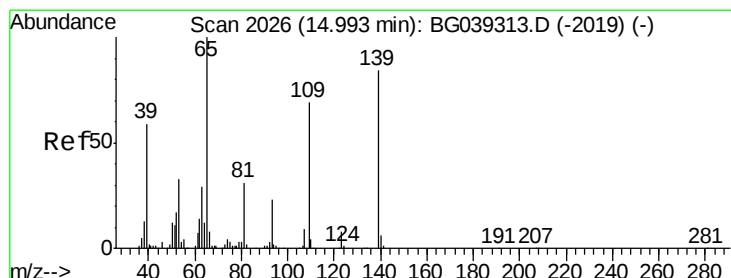
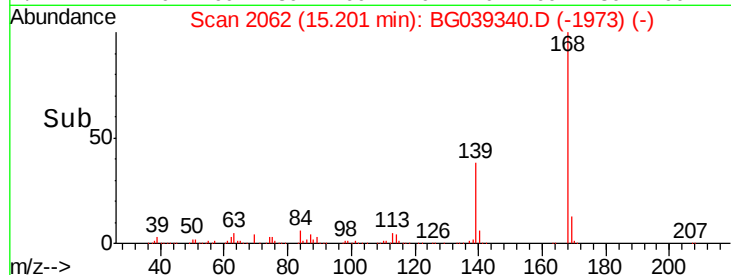
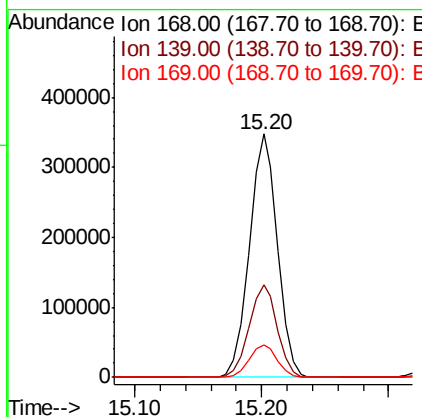
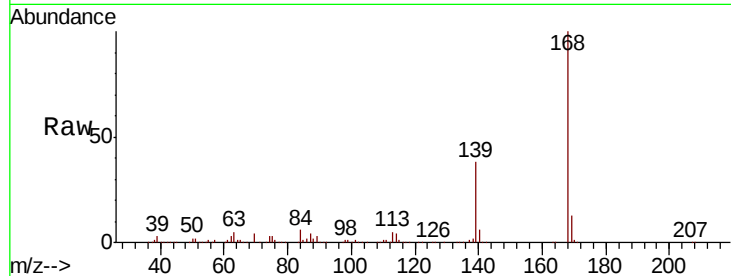
#55
Dibenzofuran
Concen: 38.929 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.1	10.6	16.0

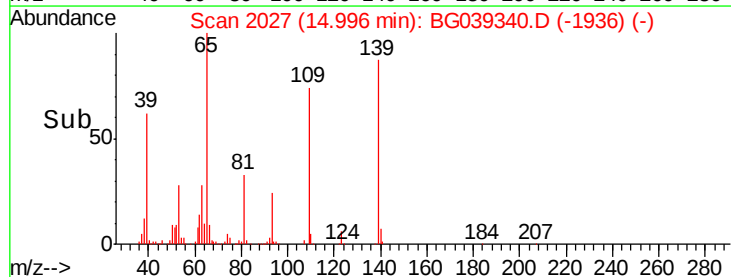
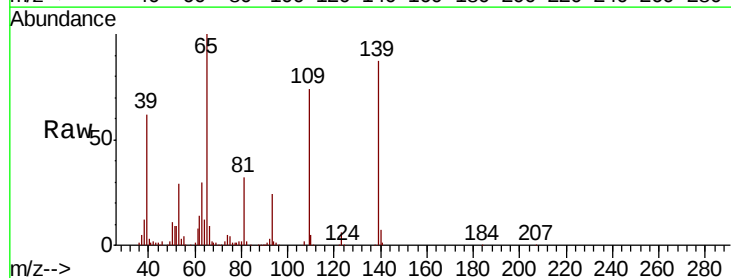
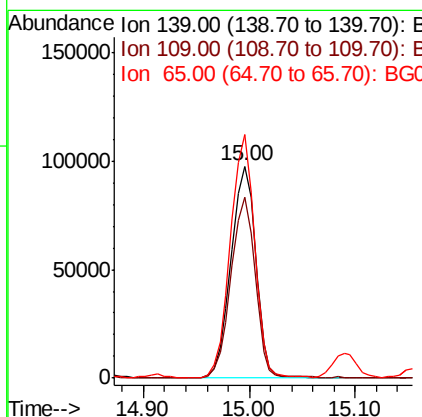
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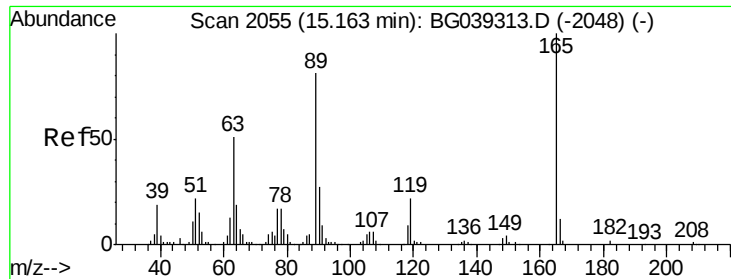
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#56
4-Nitrophenol
Concen: 78.533 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.2	61.9	101.9
65	115.0	99.1	139.1





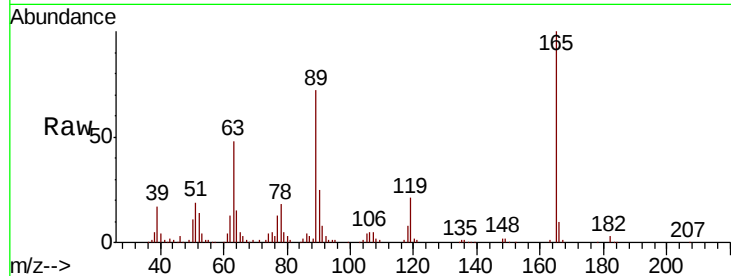
#57
2,4-Dinitrotoluene
Concen: 49.703 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

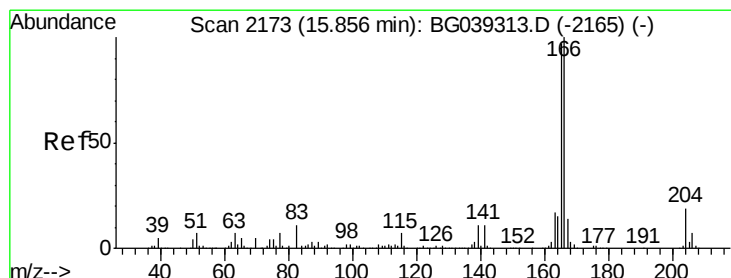
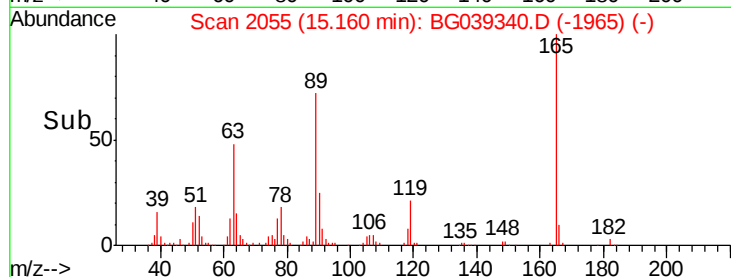
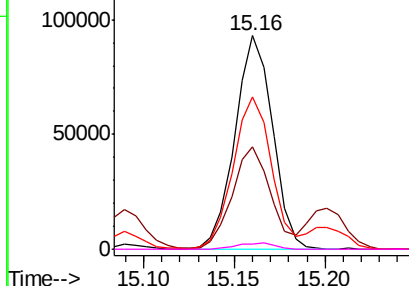
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	47.8	41.0	61.6		
89	71.5	64.6	96.8		
182	2.6	2.0	3.0		

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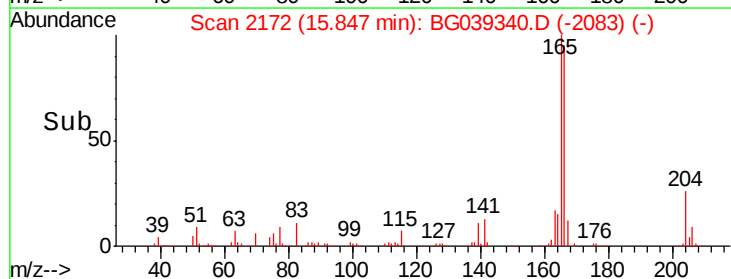
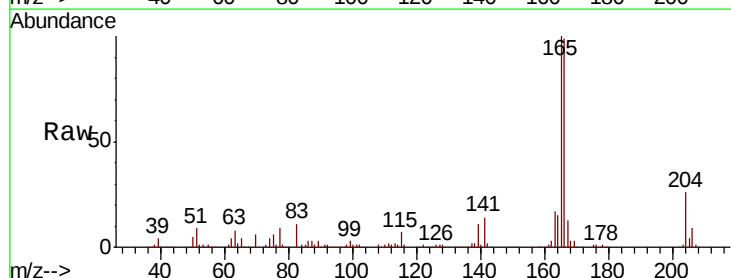
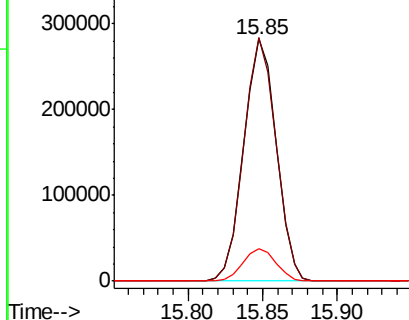
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

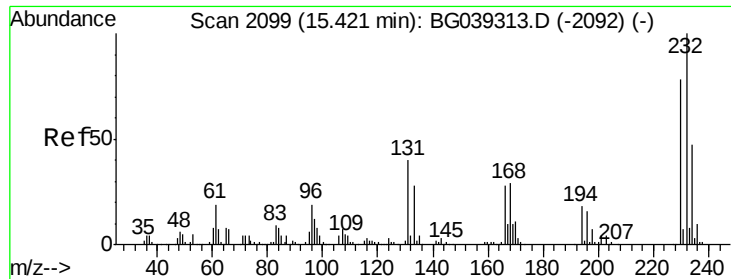


#58
Fluorene
Concen: 41.863 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.6	77.9	116.9		
167	13.6	10.8	16.2		

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





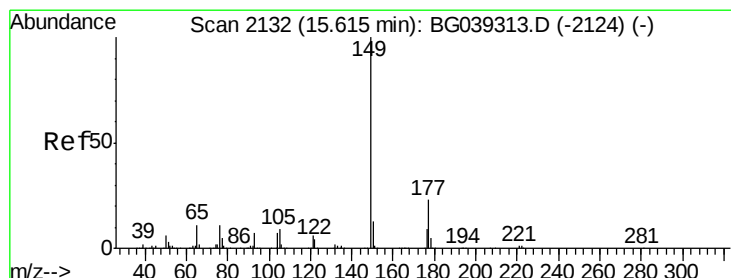
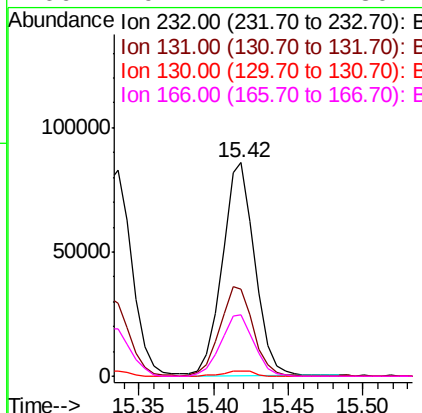
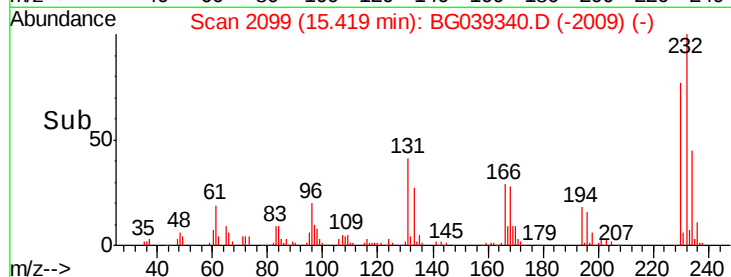
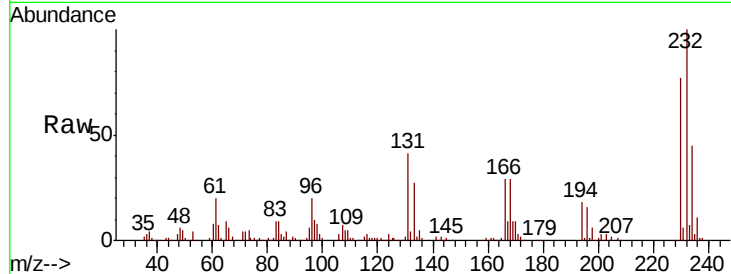
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.633 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.6	34.9	52.3
130	2.5	2.0	3.0
166	29.7	24.1	36.1

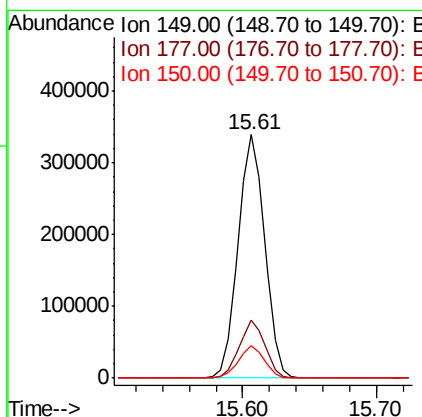
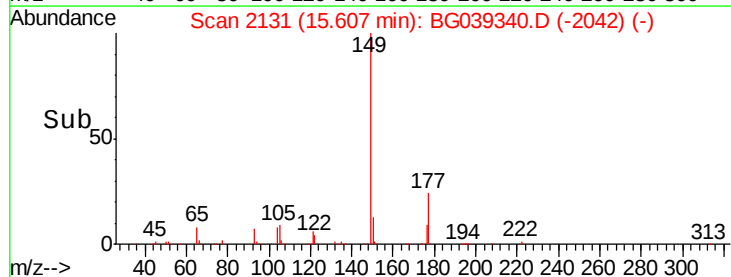
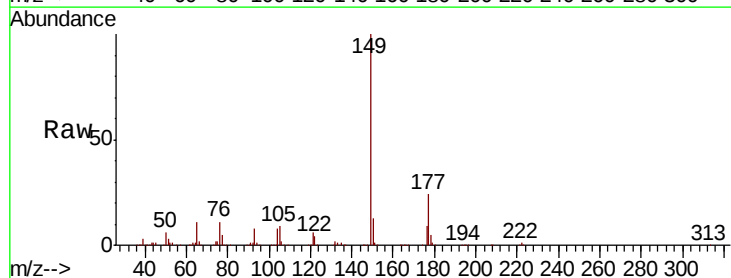
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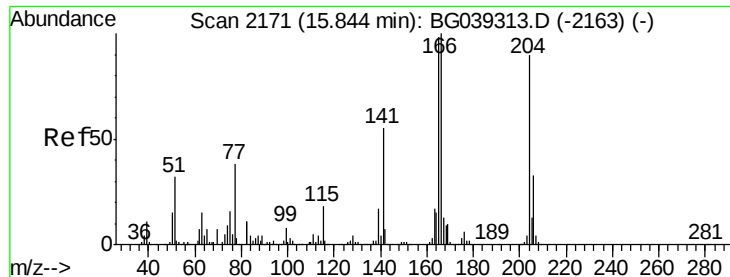
mohammad
 2/1/2019 12:05:48 AM



#60
 Diethylphthalate
 Concen: 40.269 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.8	18.3	27.5
150	13.2	10.2	15.2





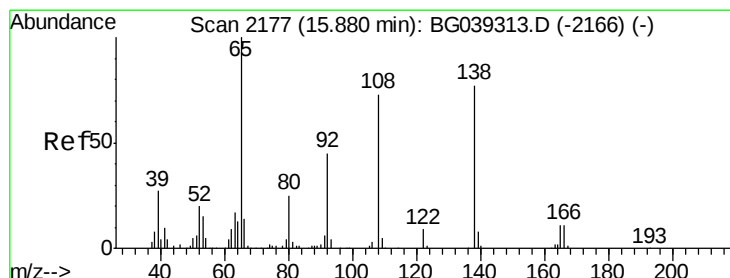
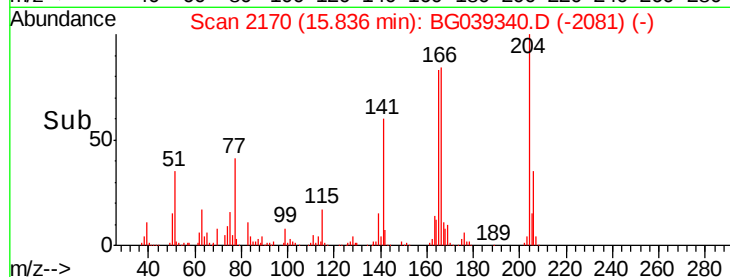
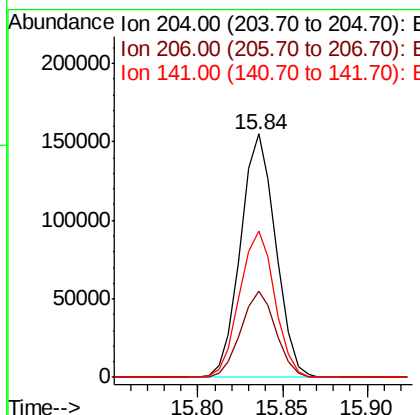
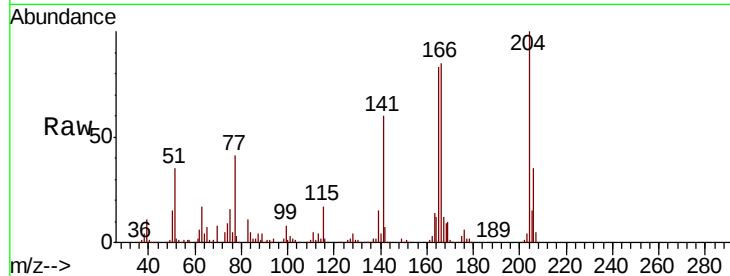
#61
4-Chlorophenyl-phenylether
Concen: 38.847 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	29.2	43.8
141	60.1	49.0	73.4

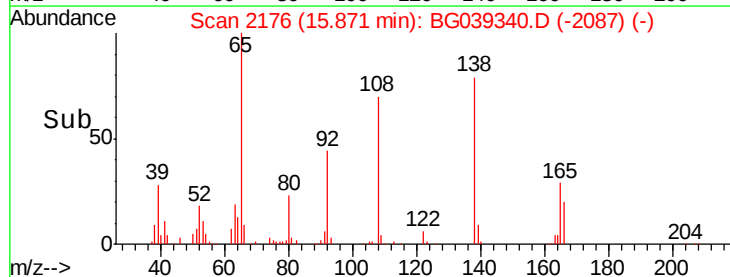
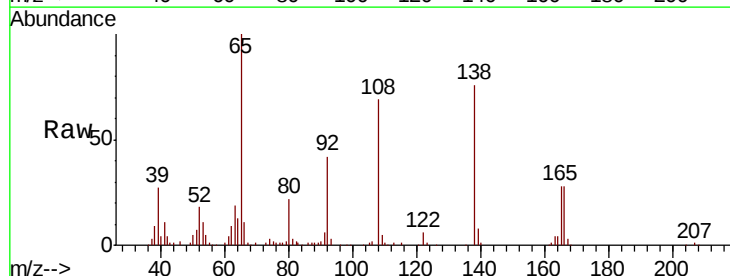
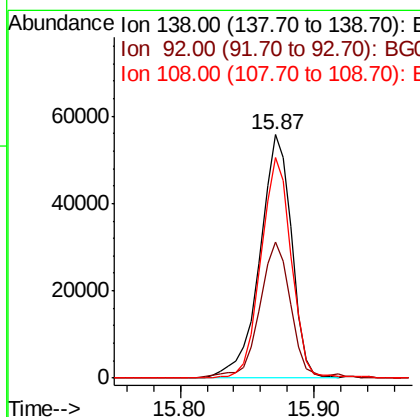
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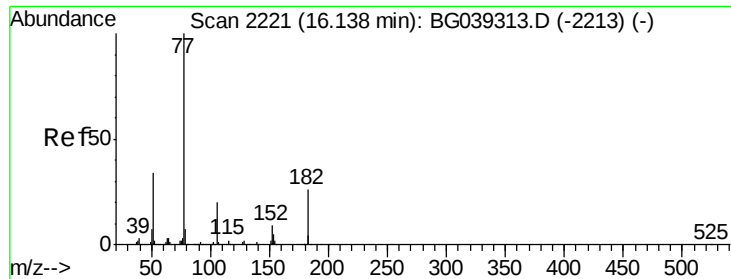
mohammad
2/1/2019 12:05:48 AM



#62
4-Nitroaniline
Concen: 39.803 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.7	78.7
108	90.7	74.6	114.6





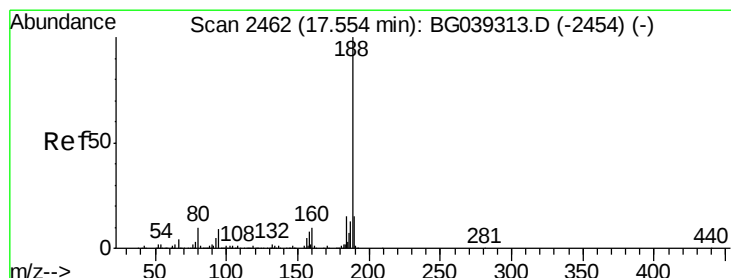
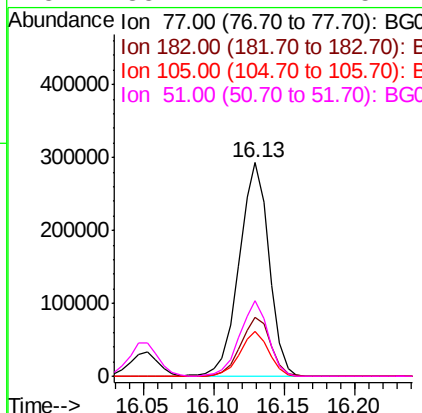
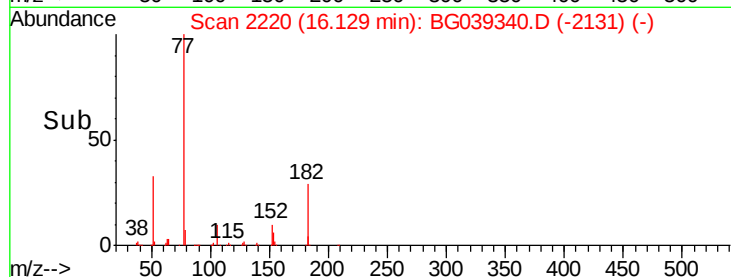
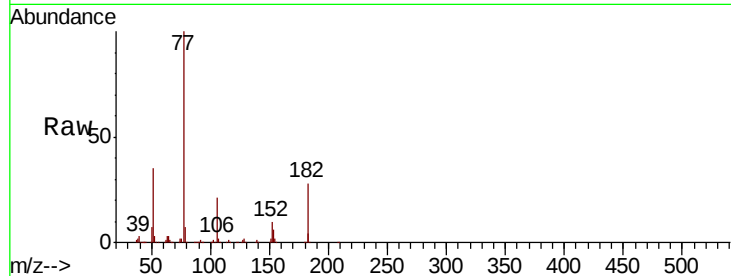
#63
Azobenzene
Concen: 38.101 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	20.7	0.0	39.8
51	35.1	14.1	54.1

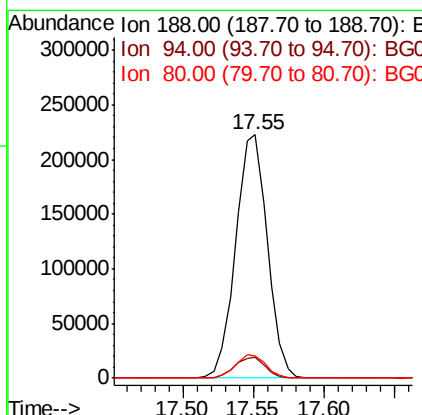
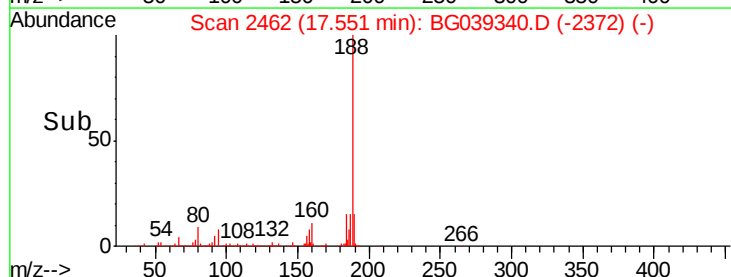
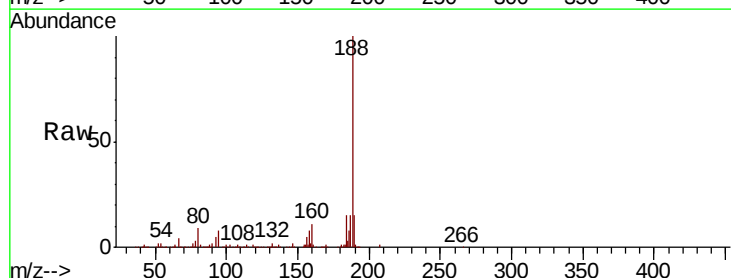
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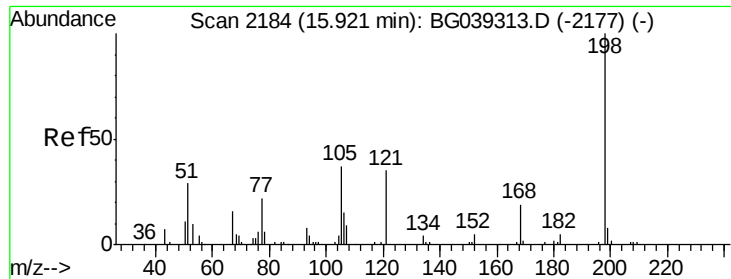
mohammad
2/1/2019 12:05:48 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.0	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.617 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

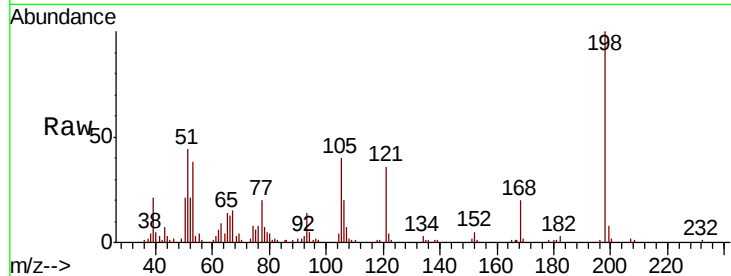
ClientSampled :

TP-1MSD

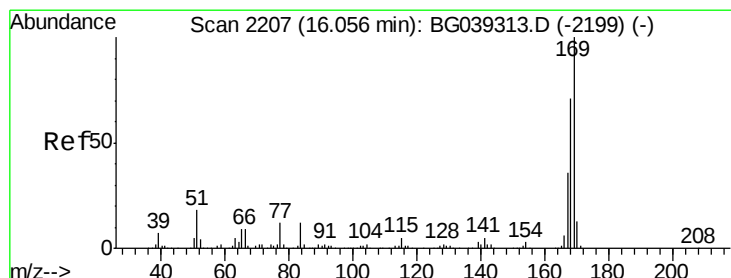
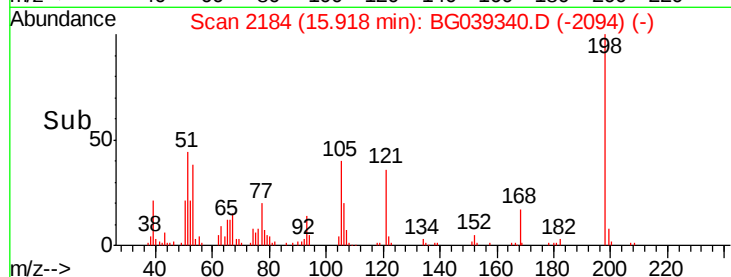
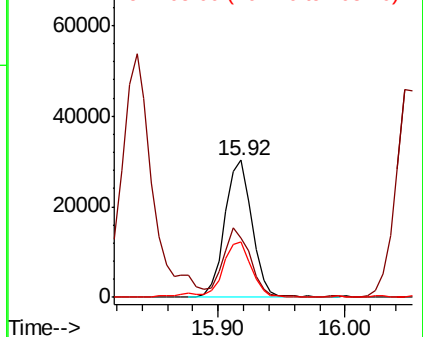
Tot Ion:	198	Resp:	45022
Ion Ratio	Lower	Upper	
198	100		
51	43.5	27.4	67.4
105	40.1	19.7	59.7

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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: 38.358 ng

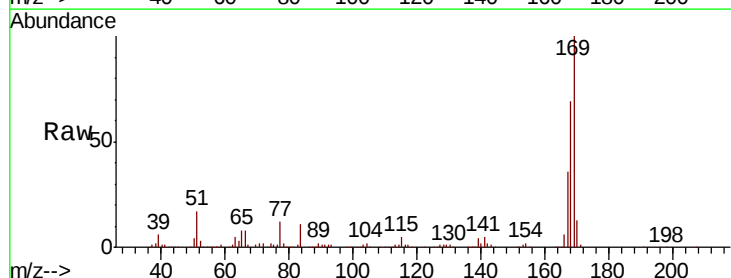
RT: 16.05 min Scan# 2207

Delta R.T. -0.00 min

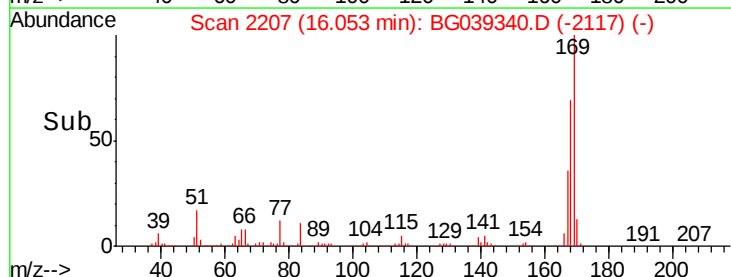
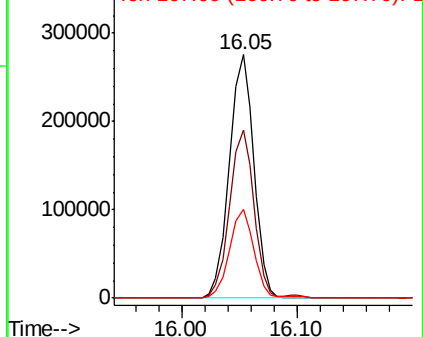
Lab File: BG039340.D

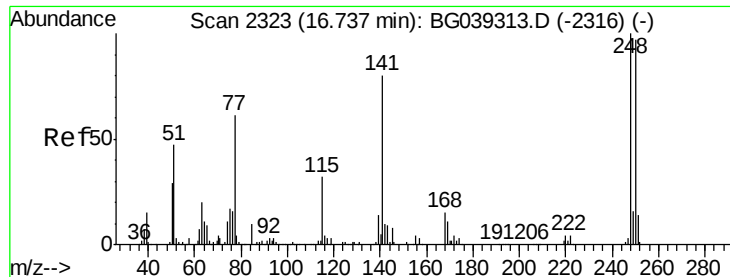
Acq: 30 Jan 2019 23:11

Tgt Ion:	169	Resp:	405354
Ion Ratio	Lower	Upper	
169	100		
168	69.1	56.6	85.0
167	36.3	28.8	43.2



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





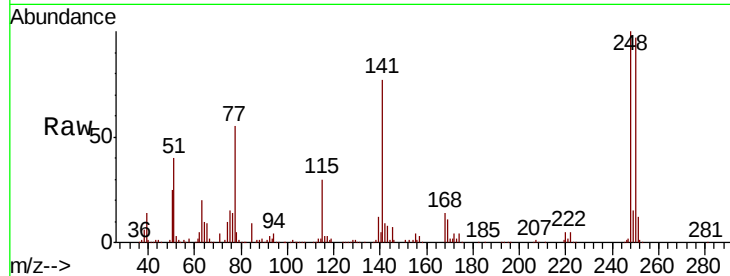
#67
4-Bromophenyl-phenylether
Concen: 38.130 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.6	116.4
141	76.8	63.9	95.9

Manual Integrations
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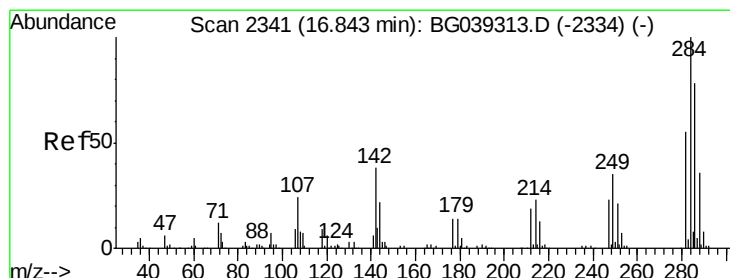
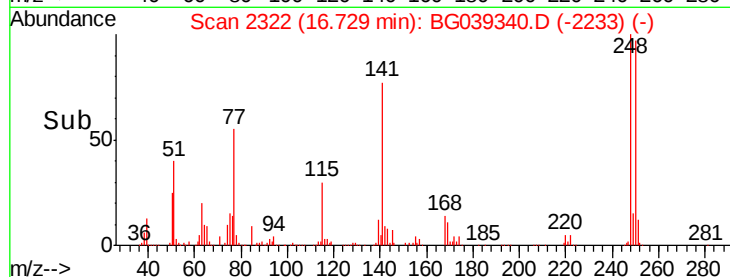
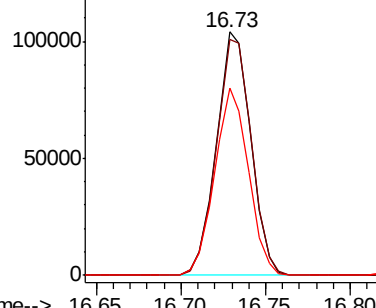


Abundance

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: 38.707 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

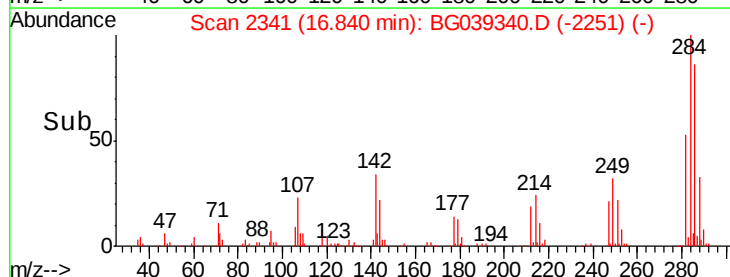
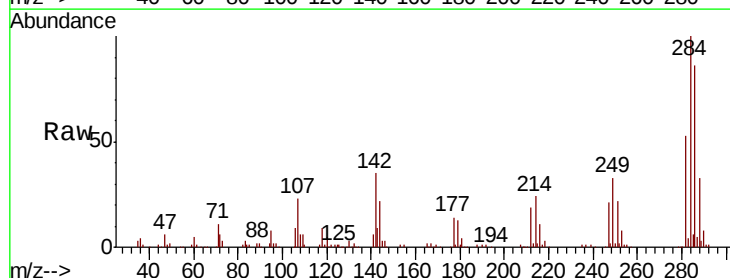
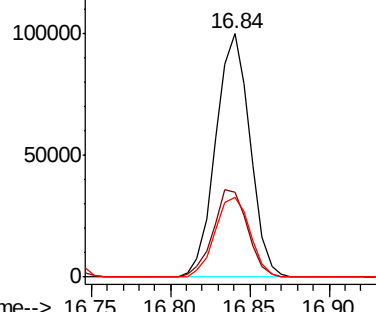
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	30.6	45.8
249	32.6	28.2	42.2

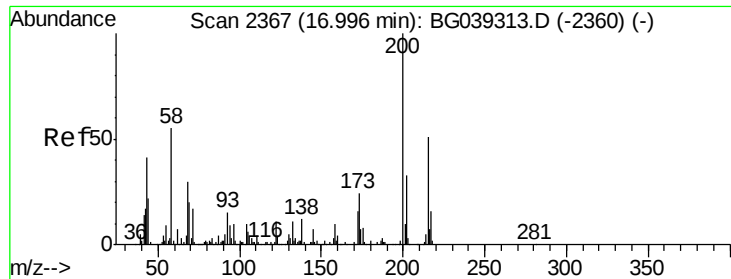
Abundance

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





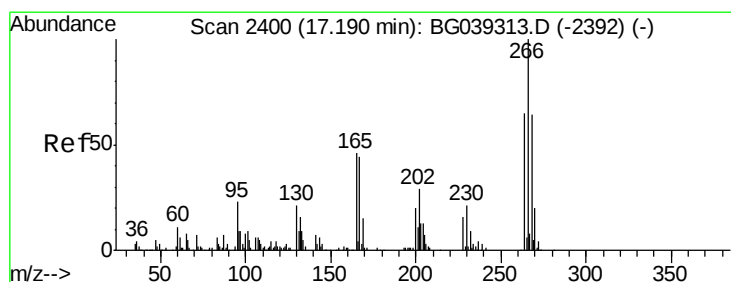
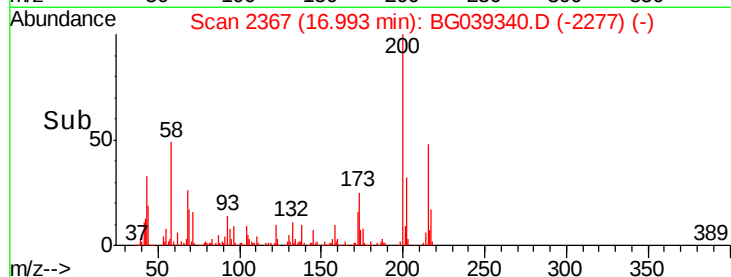
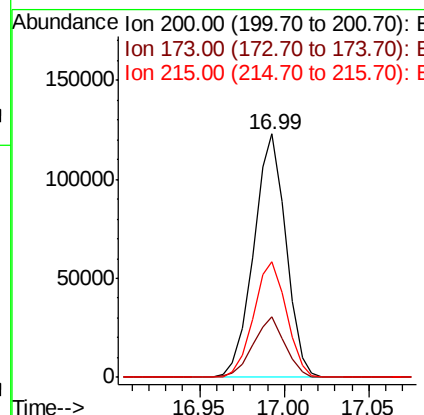
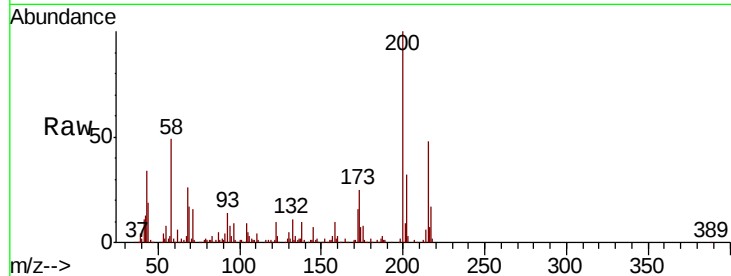
#69
Atrazine
Concen: 42.162 ng
RT: 16.99 min Scan# 2367
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	3.9	43.9
215	47.7	30.9	70.9

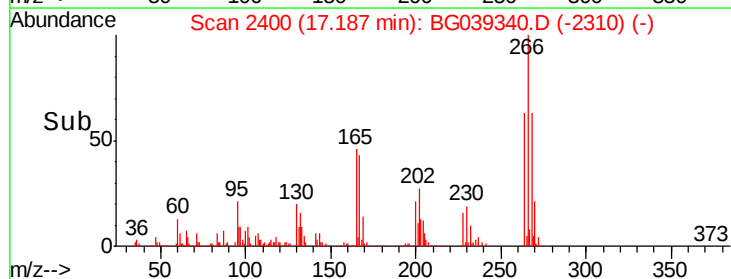
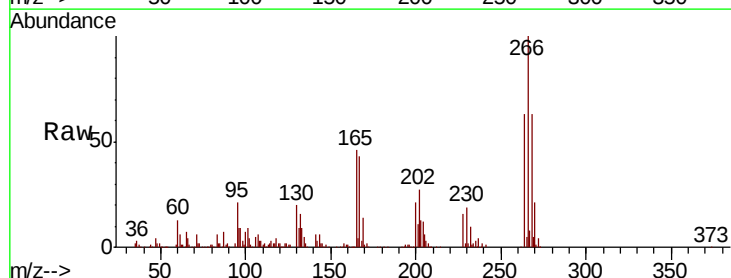
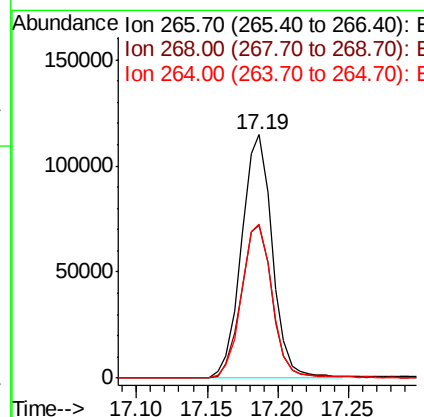
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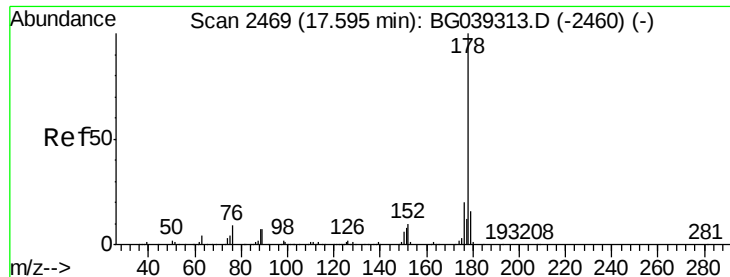
mohammad
2/1/2019 12:05:48 AM



#70
Pentachlorophenol
Concen: 65.020 ng
RT: 17.19 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.5	51.1	76.7
264	63.5	52.1	78.1





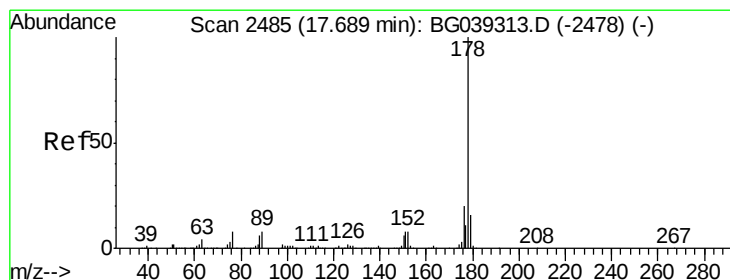
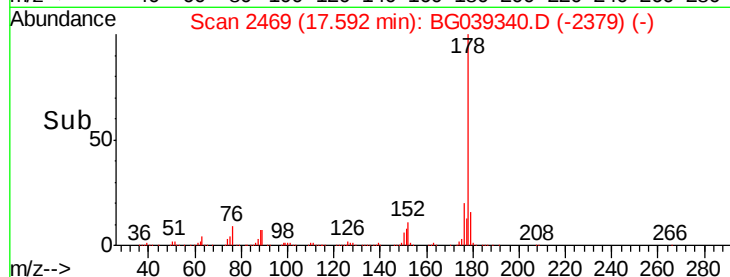
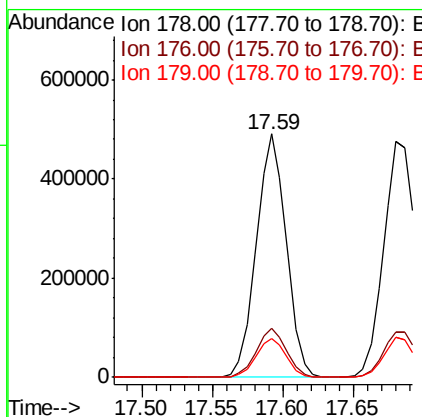
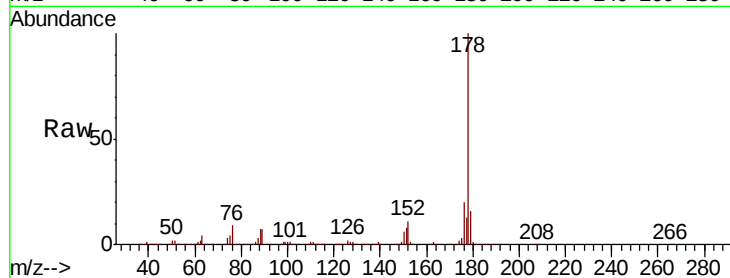
#71
Phenanthrene
Concen: 40.640 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.6	19.0

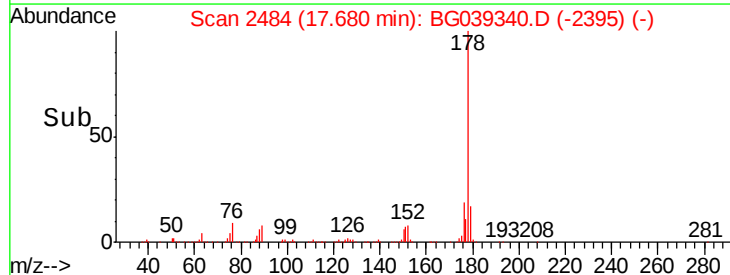
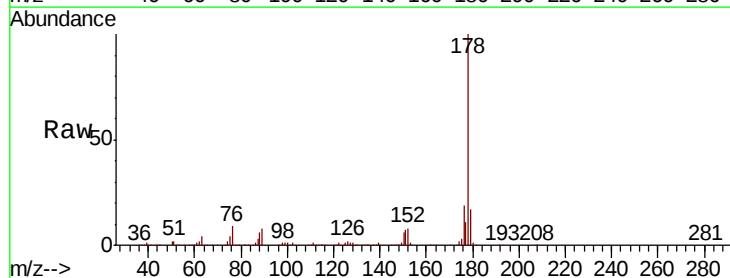
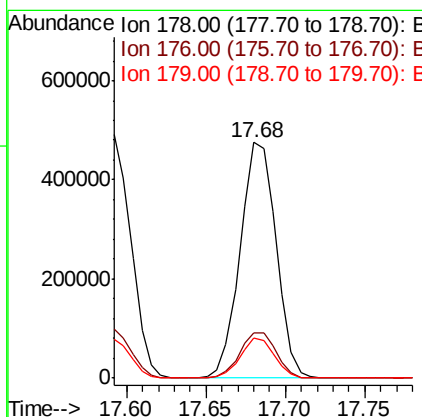
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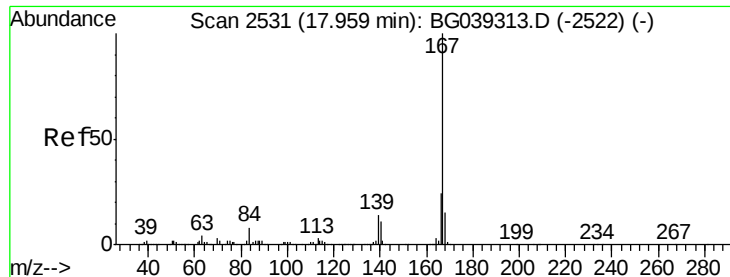
mohammad
2/1/2019 12:05:48 AM



#72
Anthracene
Concen: 42.232 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	16.9	12.5	18.7





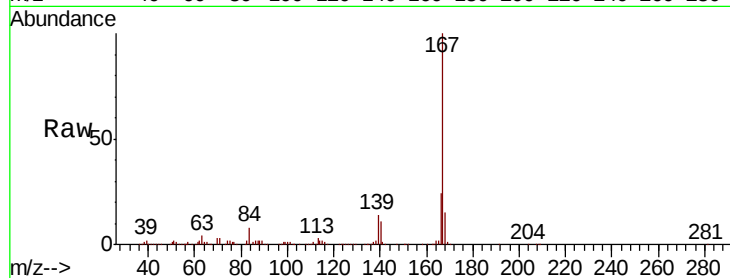
#73
 Carbazole
 Concen: 37.588 ng
 RT: 17.95 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Instrument :
 BNA_G
 ClientSampled :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.4	29.2
139	13.6	10.8	16.2

Manual Integrations
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 2/1/2019 12:05:48 AM

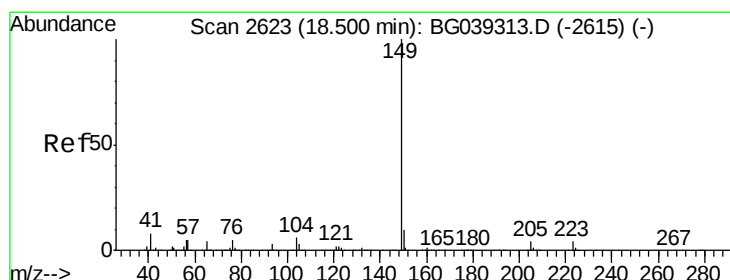
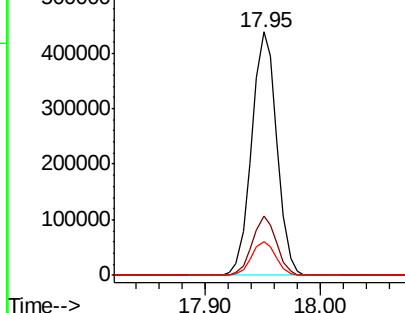
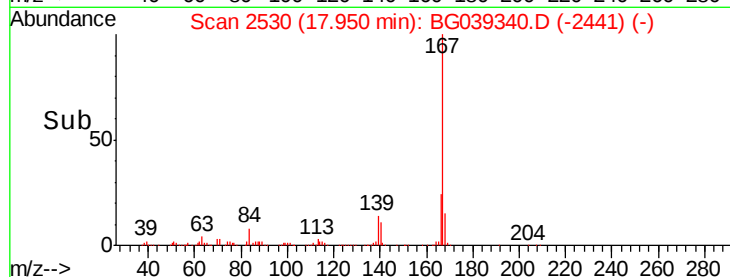


Abundance

Ion 167.00 (166.70 to 167.70): E

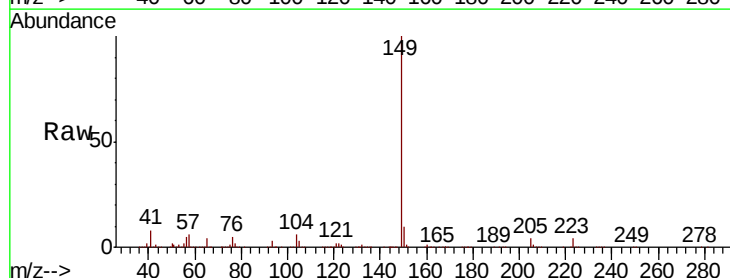
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.311 ng
 RT: 18.49 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BG039340.D
 Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.6	4.5	6.7

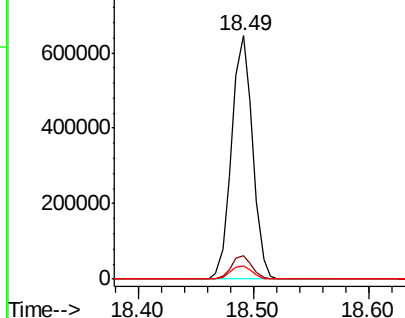
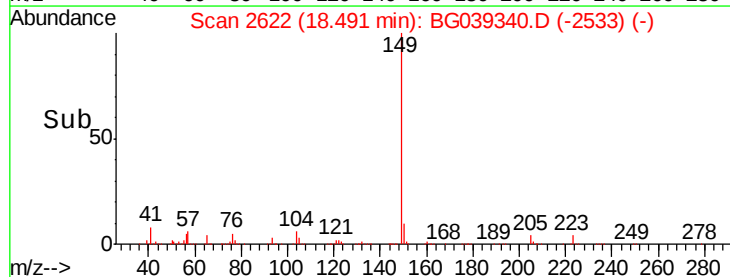


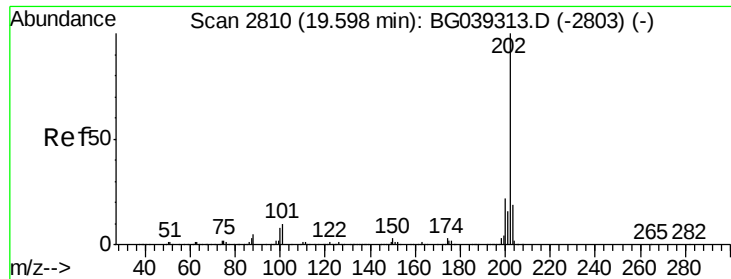
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.755 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

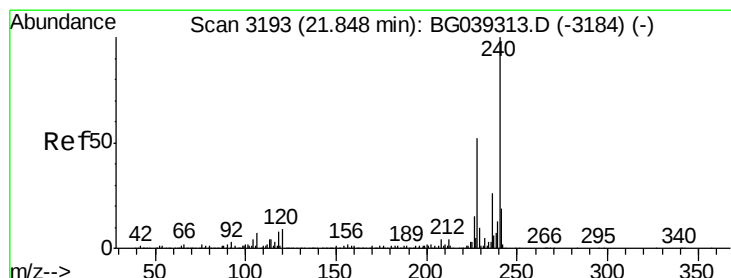
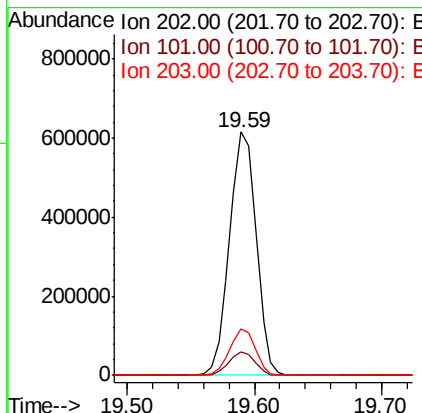
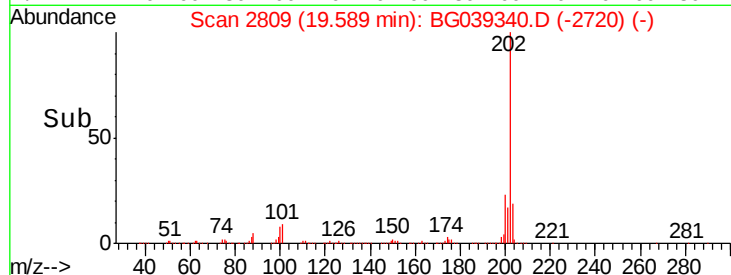
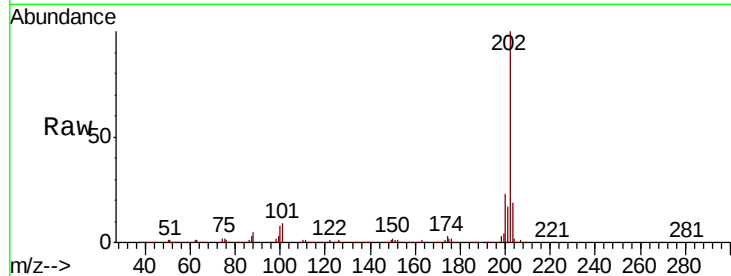
ClientSampleId :

TP-1MSD

Tot Ion:	202	Resp:	892662
Ion Ratio		Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.9	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

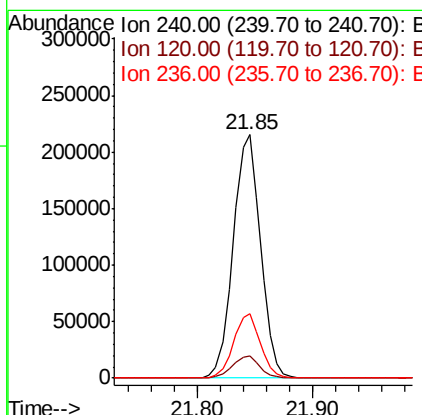
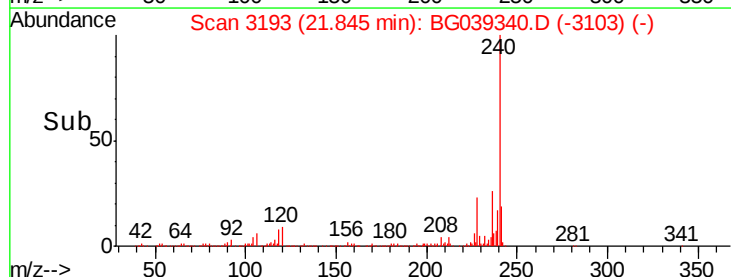
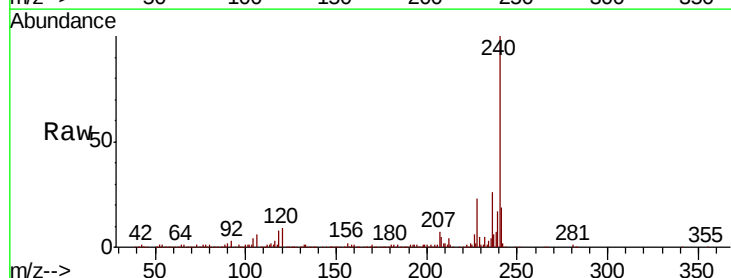
RT: 21.85 min Scan# 3193

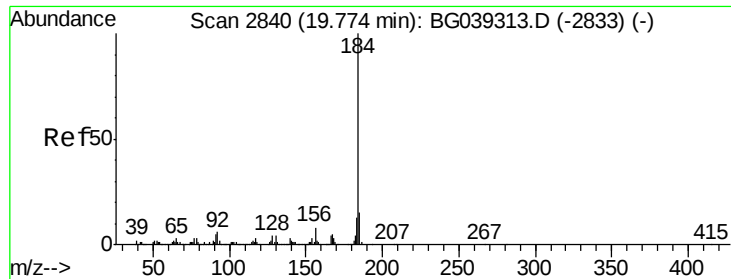
Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	240	Resp:	351717
Ion Ratio		Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.3	21.0	31.4





#77

Benzidine

Concen: 7.188 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

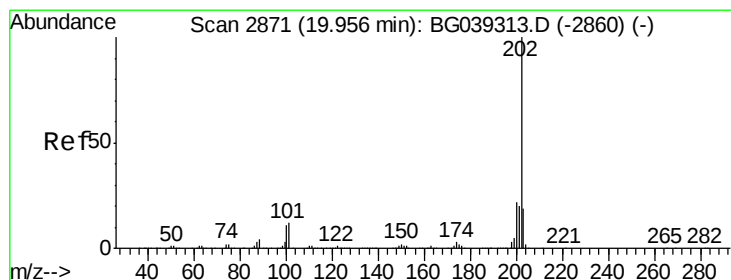
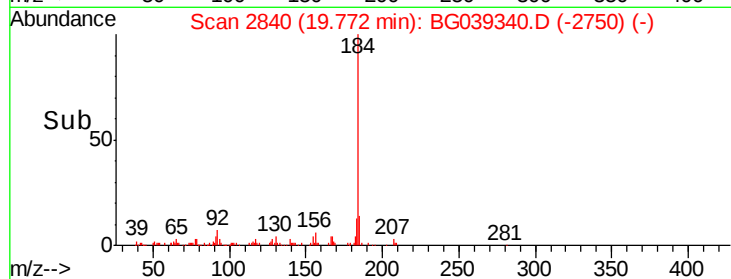
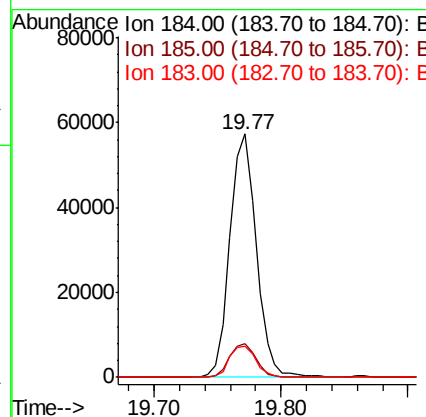
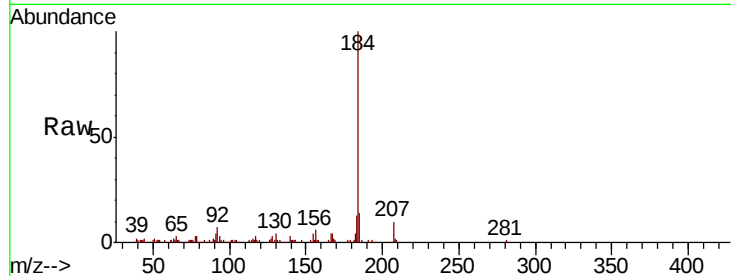
ClientSampleId :

TP-1MSD

Tot Ion:	184	Resp:	82891
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.2
183	12.9	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 41.046 ng

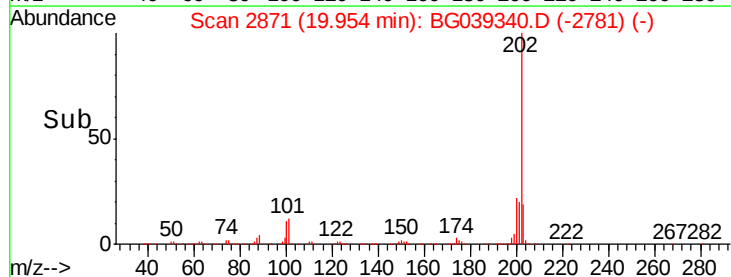
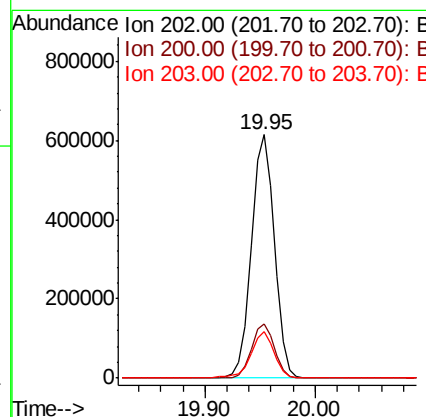
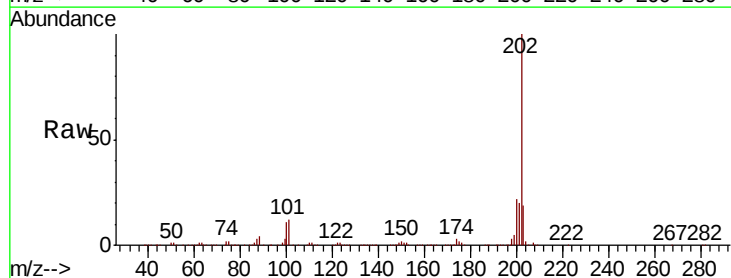
RT: 19.95 min Scan# 2871

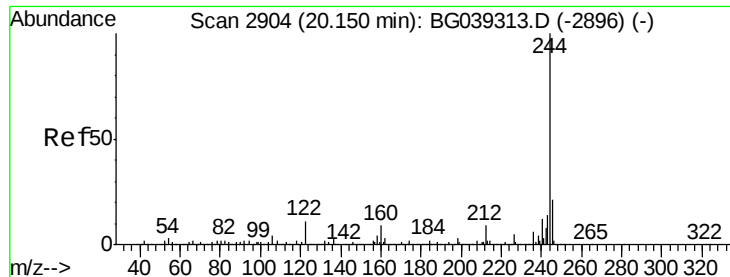
Delta R.T. -0.00 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	202	Resp:	898716
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.8	26.8
203	19.0	15.3	22.9





#79

Terphenyl-d14

Concen: 80.050 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

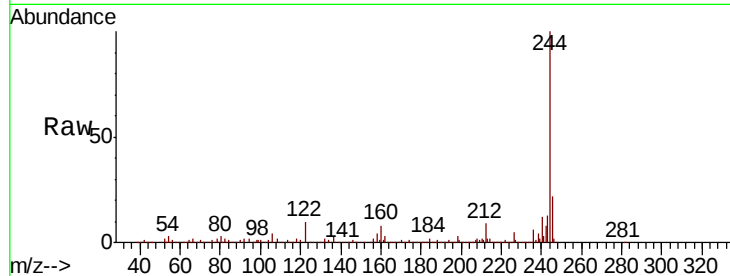
ClientSampled :

TP-1MSD

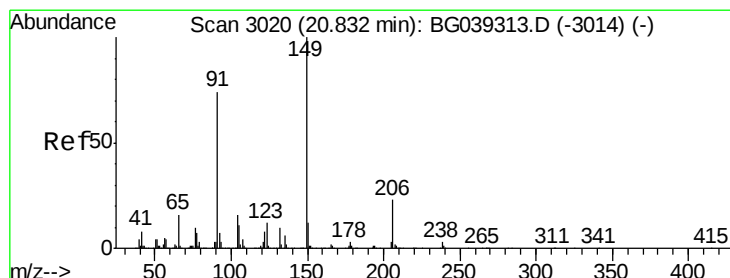
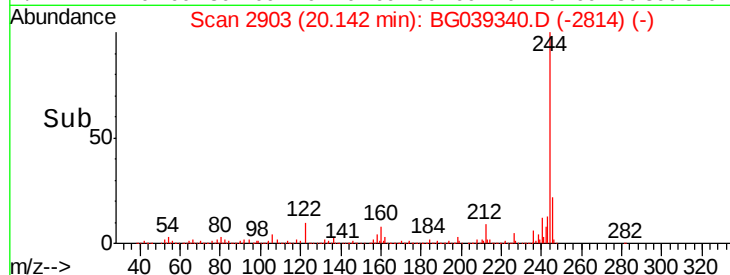
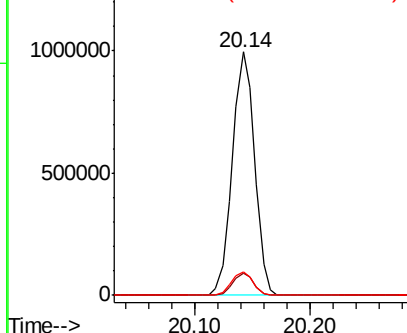
Tot Ion:	244	Resp:	1330143
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	9.8	8.4	12.6

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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: 41.018 ng

RT: 20.83 min Scan# 3020

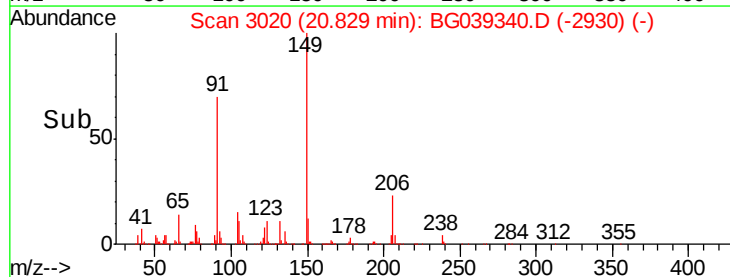
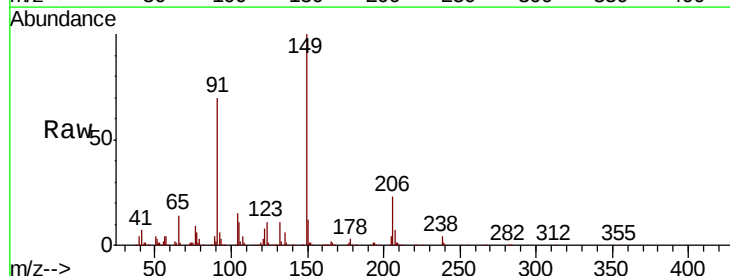
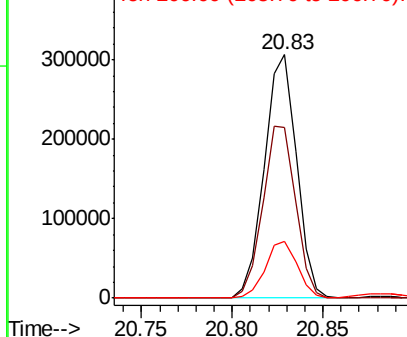
Delta R.T. -0.00 min

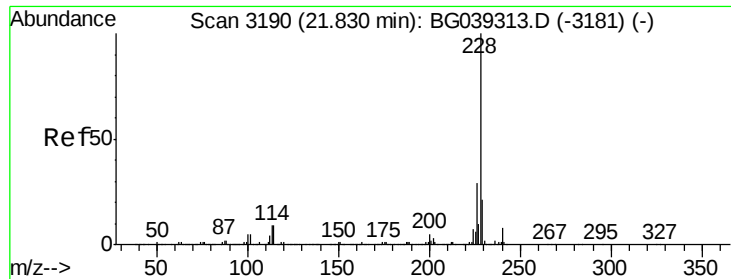
Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	149	Resp:	378853
Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.5	89.3
206	23.1	18.6	27.8

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





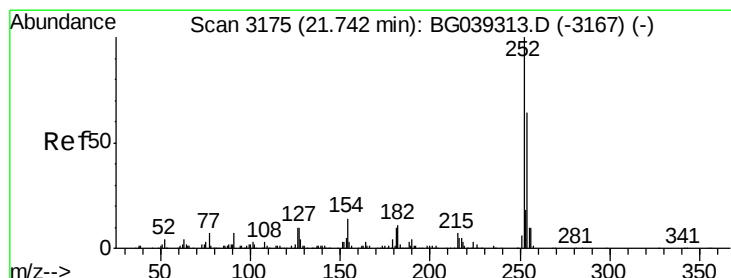
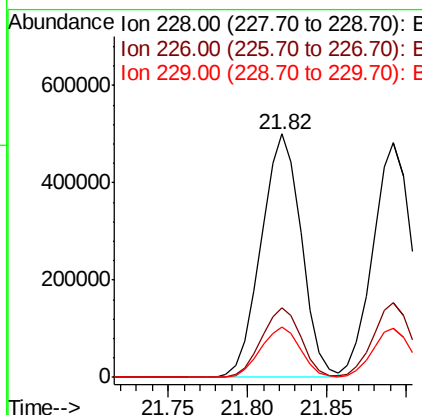
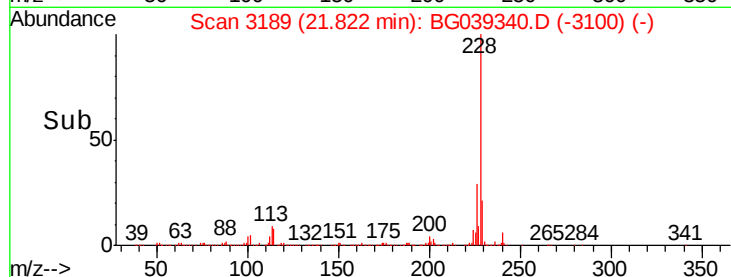
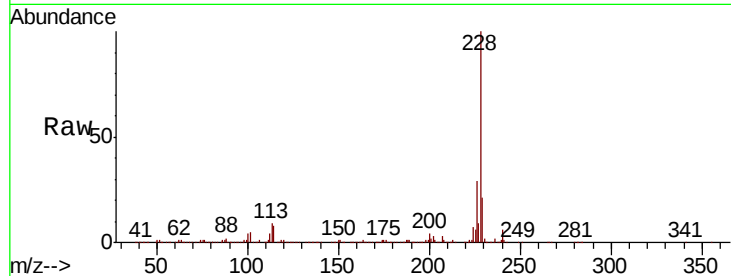
#81
Benzo(a)anthracene
Concen: 42.334 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.8	16.9	25.3

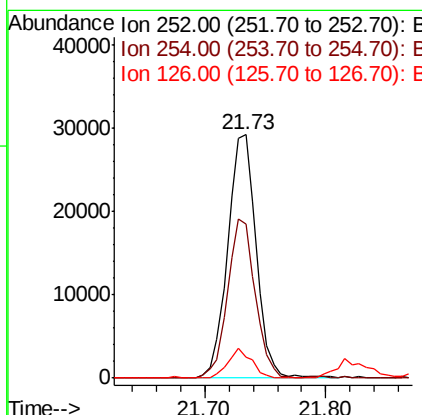
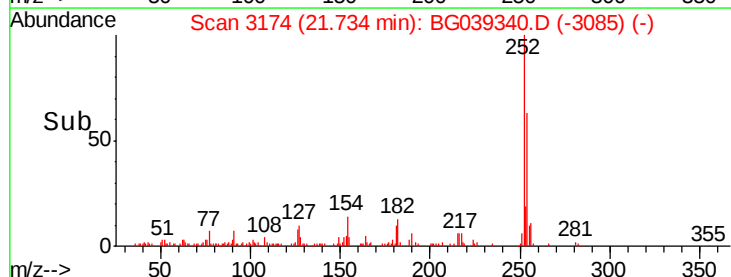
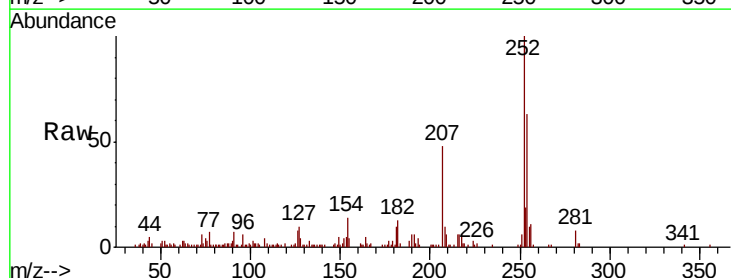
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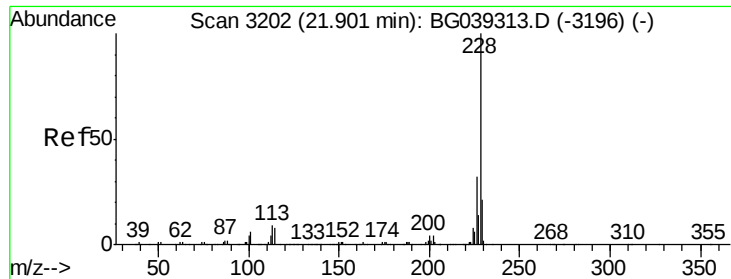
mohammad
2/1/2019 12:05:48 AM



#82
3,3'-Dichlorobenzidine
Concen: 6.212 ng
RT: 21.73 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.3	76.9
126	8.3	8.0	12.0





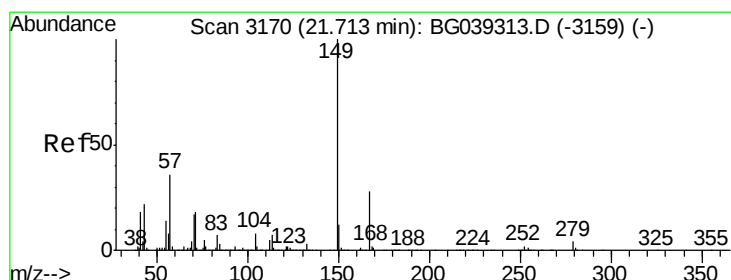
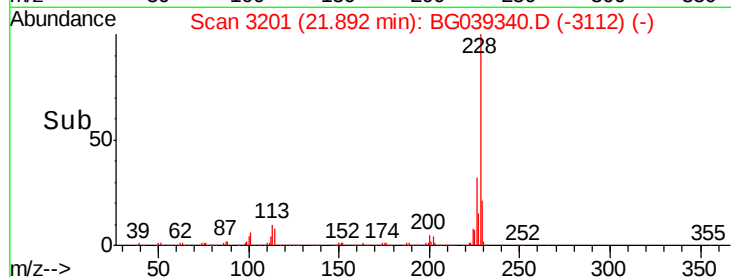
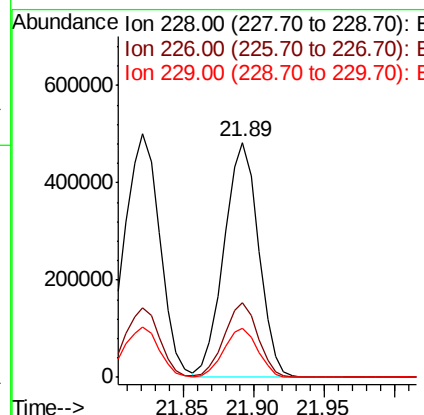
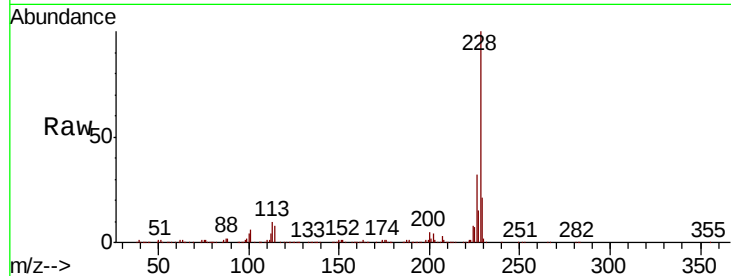
#83
Chrysene
Concen: 41.388 ng
RT: 21.89 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	21.2	16.6	25.0

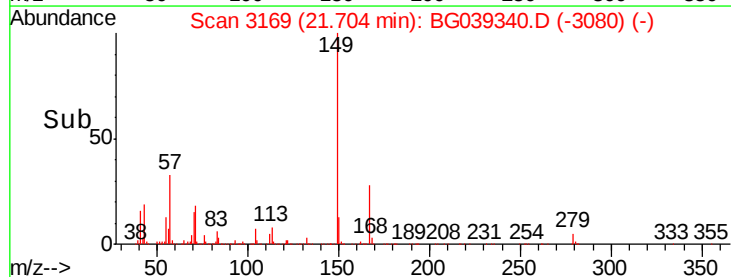
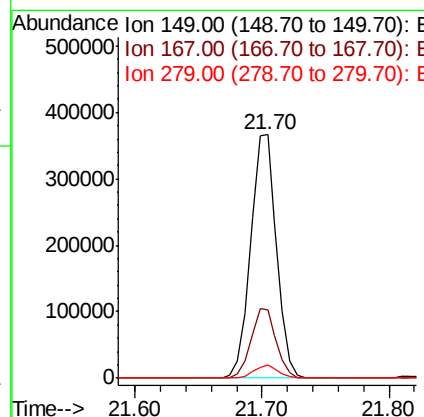
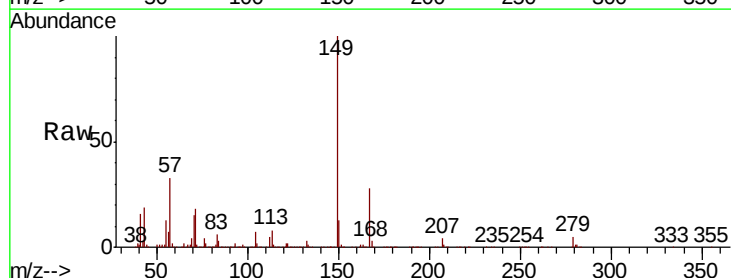
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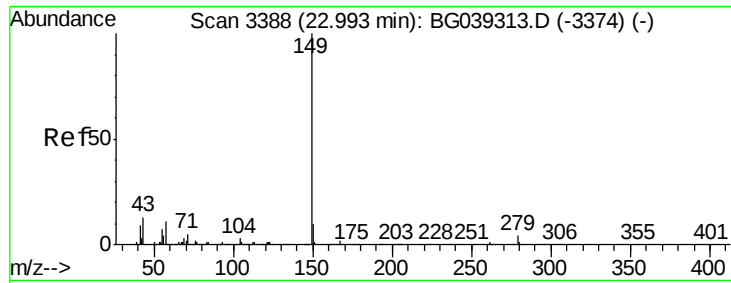
mohammad
2/1/2019 12:05:48 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.364 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.3	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 41.594 ng

RT: 22.97 min Scan# 3385

Delta R.T. -0.02 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

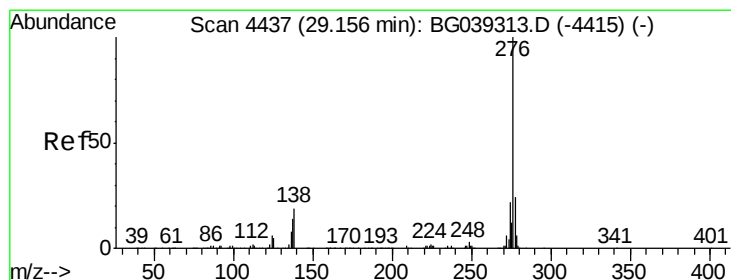
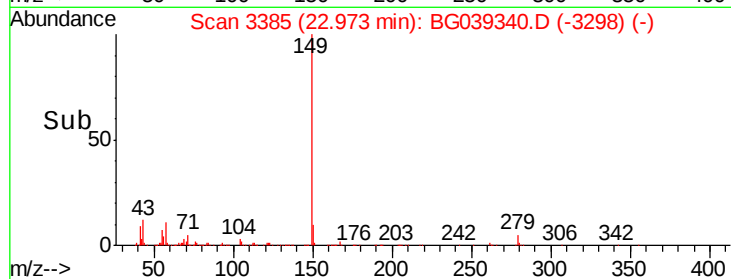
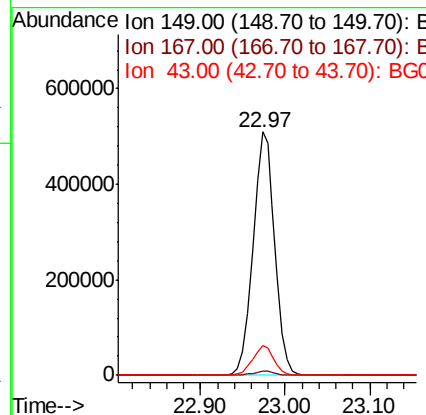
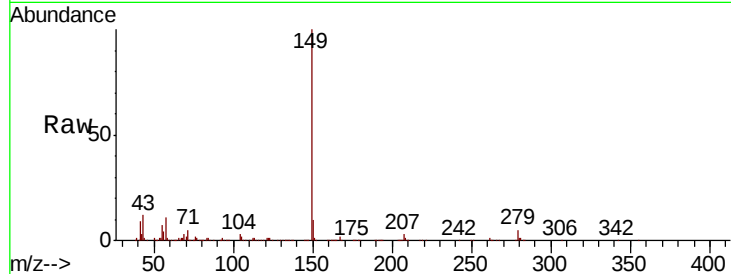
ClientSampleId :

TP-1MSD

Tot Ion:	149	Resp:	905478
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.9	10.2	15.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.834 ng

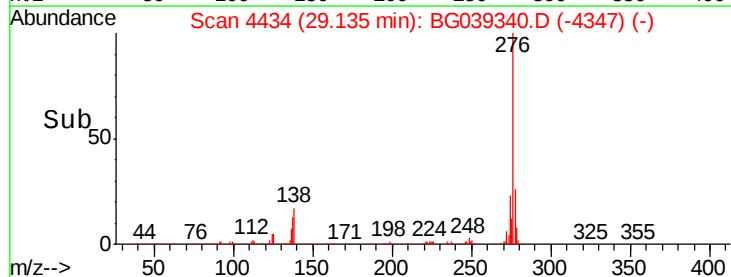
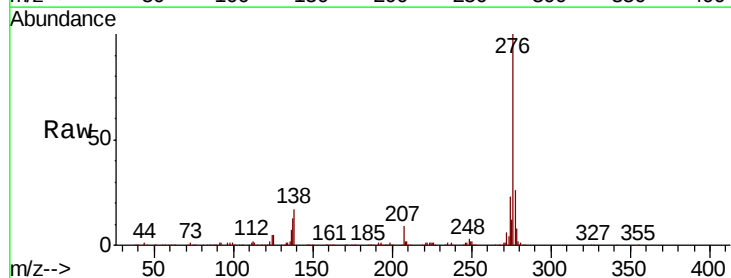
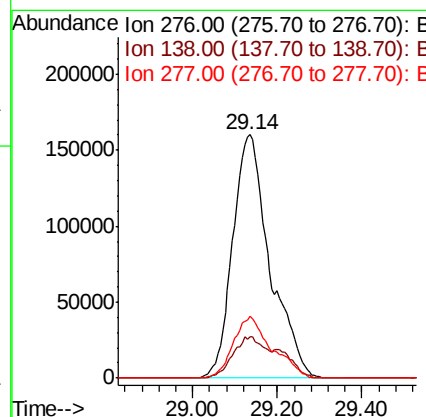
RT: 29.14 min Scan# 4434

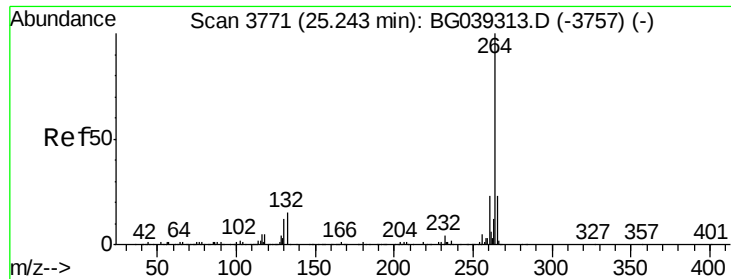
Delta R.T. -0.02 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	276	Resp:	972883
Ion Ratio	Lower	Upper	
276	100		
138	15.1	12.6	19.0
277	26.2	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.23 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

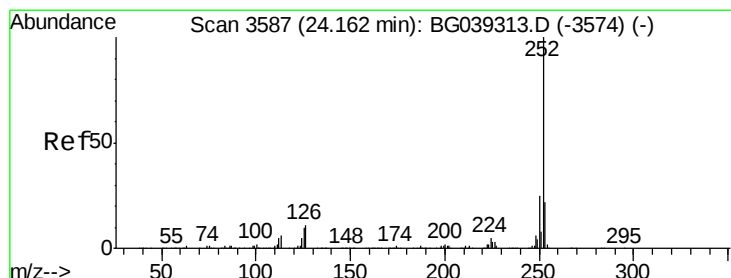
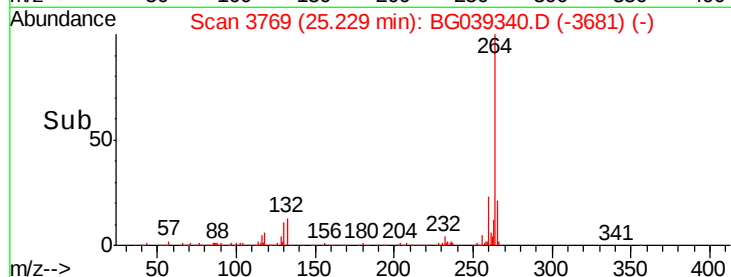
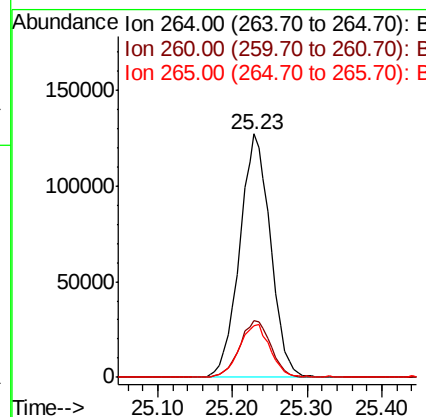
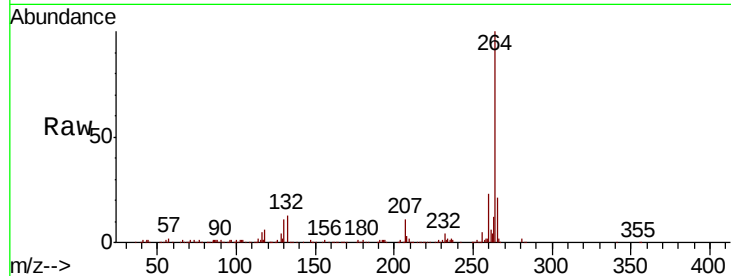
ClientSampleId :

TP-1MSD

Tot Ion:	264	Resp:	362922
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.4
265	21.4	18.5	27.7

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#88

Benzo(b)fluoranthene

Concen: 43.641 ng

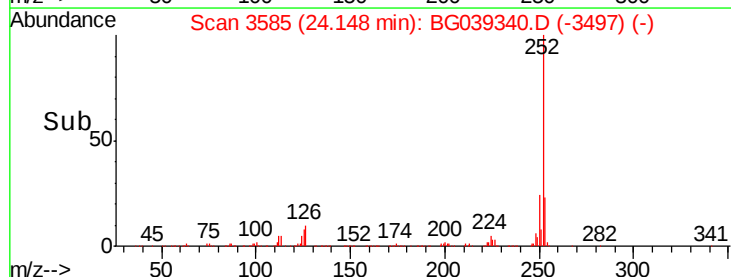
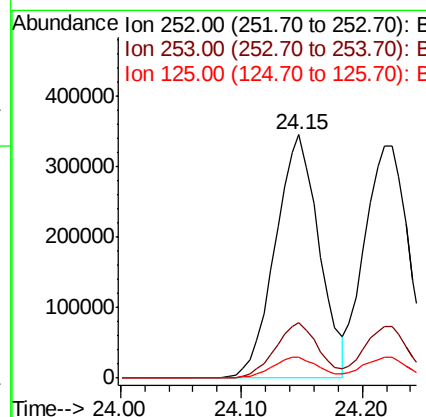
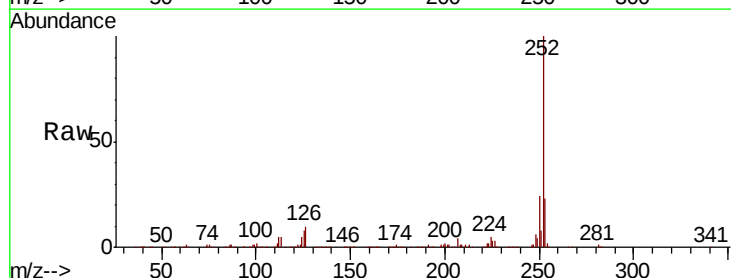
RT: 24.15 min Scan# 3585

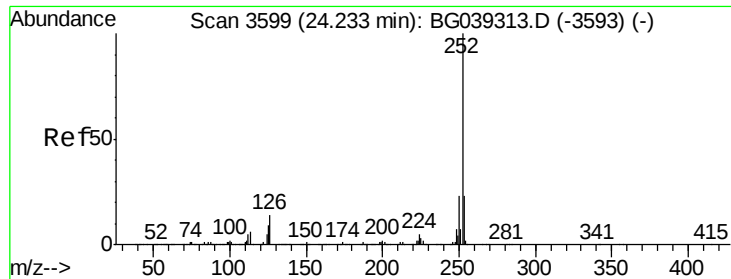
Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	252	Resp:	863752
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	8.4	7.8	11.6





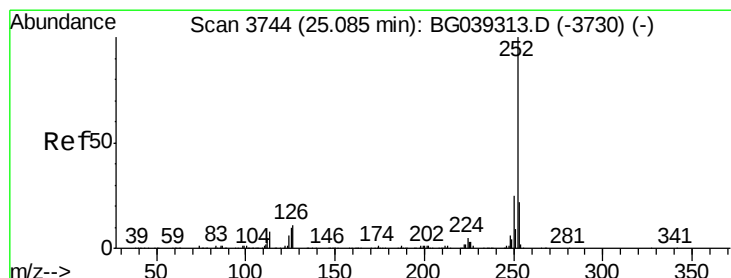
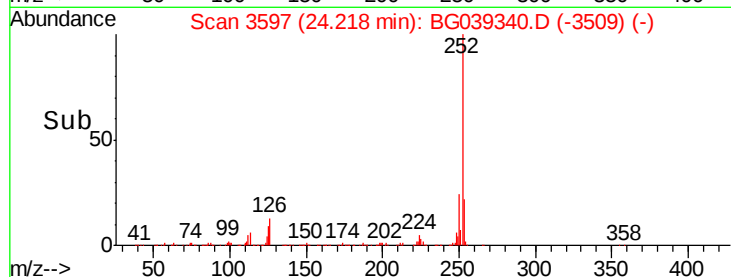
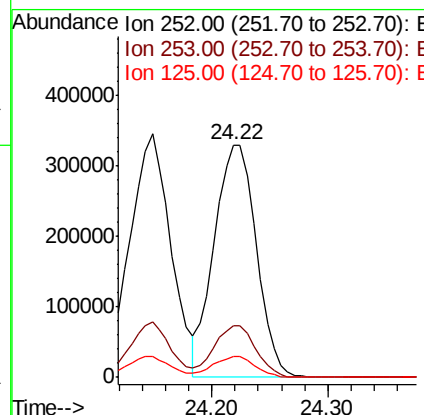
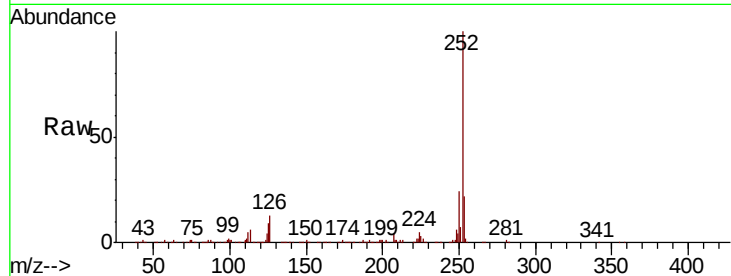
#89
Benzo(k)fluoranthene
Concen: 42.003 ng
RT: 24.22 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.9	7.4	11.2

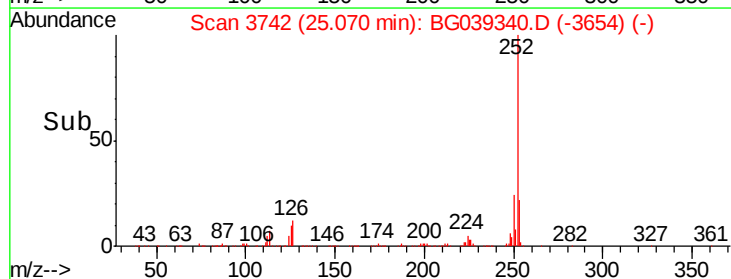
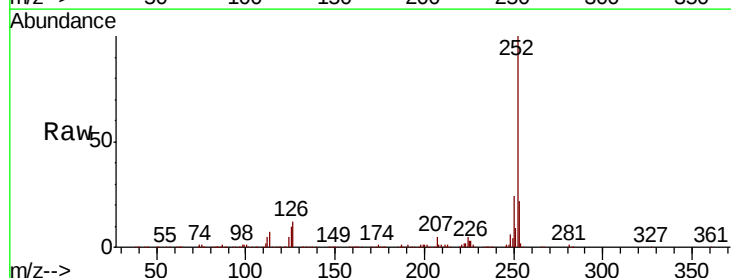
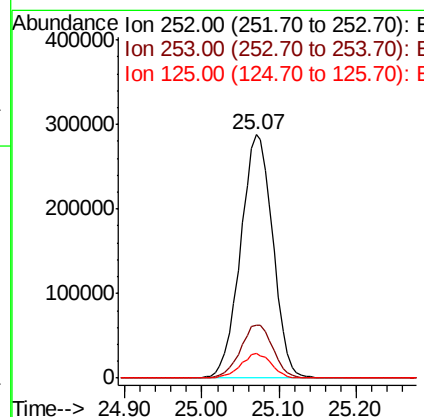
Manual Integrations
APPROVED

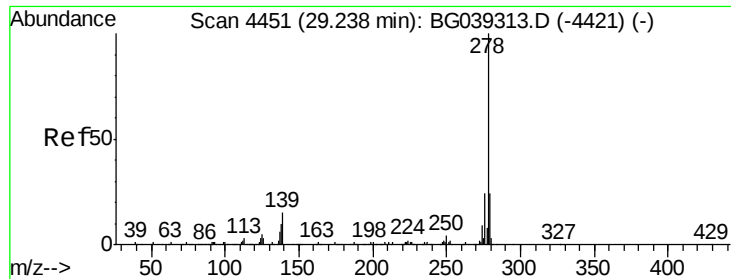
mohammad
2/1/2019 12:05:48 AM



#90
Benzo(a)pyrene
Concen: 44.225 ng
RT: 25.07 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BG039340.D
Acq: 30 Jan 2019 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.0	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.863 ng

RT: 29.21 min Scan# 4446

Delta R.T. -0.03 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Instrument :

BNA_G

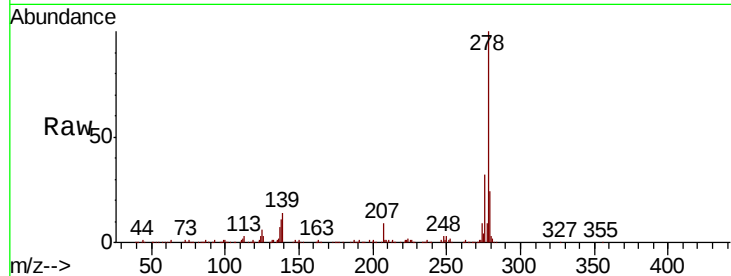
ClientSampleId :

TP-1MSD

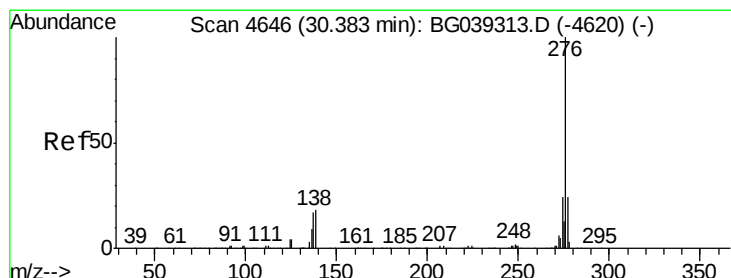
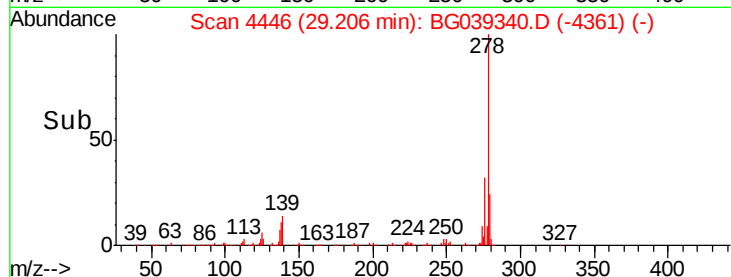
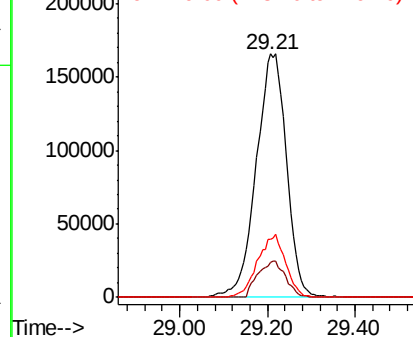
Tot Ion:	278	Resp:	783000
Ion Ratio	Lower	Upper	
278	100		
139	14.3	11.7	17.5
279	23.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/1/2019 12:05:48 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.054 ng

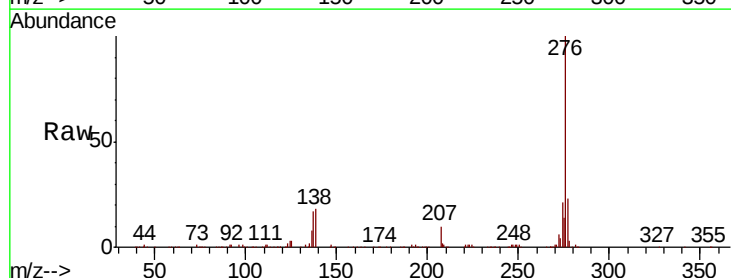
RT: 30.37 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG039340.D

Acq: 30 Jan 2019 23:11

Tgt Ion:	276	Resp:	801616
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.6	29.4
138	18.5	14.7	22.1



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

