

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041598.D
 Acq On : 3 Jul 2019 20:22
 Operator : HP/JU
 Sample : K3618-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Manual Integrations
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mohammad
 7/8/2019 2:11:31 PM

Quant Time: Jul 05 08:22:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26110	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	90042	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64869	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	189503	20.00	ng	0.00
76) Chrysene-d12	21.70	240	218360	20.00	ng	0.00
87) Perylene-d12	24.98	264	238830	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	169274	115.58	ng	0.00
7) Phenol-d6	7.19	99	220924	107.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	185983	86.15	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	158692	143.28	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	452473	89.51	ng	0.00
79) Terphenyl-d14	20.02	244	1002363	97.55	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.42	88	19872	29.976	ng	# 24
3) Pyridine	3.84	79	41471	24.655	ng	96
4) n-Nitrosodimethylamine	3.75	42	31625	33.788	ng	97
6) Aniline	7.36	93	28785	10.832	ng	96
8) 2-Chlorophenol	7.59	128	65247	39.726	ng	94
9) Benzaldehyde	7.17	77	40255	32.332	ng	97
10) Phenol	7.22	94	70053	33.715	ng	93
11) bis(2-Chloroethyl)ether	7.44	93	56023	33.999	ng	97
12) 1,3-Dichlorobenzene	7.91	146	74332	34.985	ng	99
13) 1,4-Dichlorobenzene	8.06	146	75636	35.313	ng	98
14) 1,2-Dichlorobenzene	8.38	146	74462	36.310	ng	98
15) Benzyl Alcohol	8.28	79	59834	36.443	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	70751	30.576	ng	94
17) 2-Methylphenol	8.48	107	55510	36.701	ng	97
18) Hexachloroethane	9.10	117	28273	33.454	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	52169	33.924	ng	96
20) 3+4-Methylphenols	8.81	107	74521	36.966	ng	95
22) Acetophenone	8.87	105	107822	39.921	ng	# 95
24) Nitrobenzene	9.25	77	85560	39.483	ng	95
25) Isophorone	9.77	82	151343	39.045	ng	97
26) 2-Nitrophenol	9.96	139	35993	39.771	ng	99
27) 2,4-Dimethylphenol	10.01	122	58286	46.275	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	77195	37.663	ng	97
29) 2,4-Dichlorophenol	10.51	162	72479	42.602	ng	92
30) 1,2,4-Trichlorobenzene	10.71	180	87251	40.013	ng	96
31) Naphthalene	10.90	128	205381	41.245	ng	98
32) Benzoic acid	10.21	122	5005m	12.266	ng	
33) 4-Chloroaniline	11.03	127	7507	3.581	ng	# 83
34) Hexachlorobutadiene	11.16	225	68161	39.379	ng	97
35) Caprolactam	11.82	113	16734m	31.501	ng	
36) 4-Chloro-3-methylphenol	12.14	107	77739	42.173	ng	99
37) 2-Methylnaphthalene	12.50	142	151181	41.095	ng	99
38) 1-Methylnaphthalene	12.72	142	143305	40.831	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	120842	42.306	ng	99

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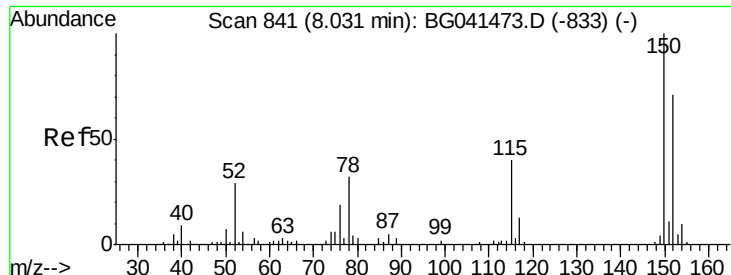
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	114395	74.096	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	71593	42.245	nq	96
44) 2,4,5-Trichlorophenol	13.20	196	77699m	46.020	nq	
46) 1,1'-Biphenyl	13.51	154	209392	40.891	nq	99
47) 2-Chloronaphthalene	13.55	162	173691	39.509	nq	99
48) 2-Nitroaniline	13.77	65	56742	38.075	nq	# 93
49) Acenaphthylene	14.40	152	276041	42.008	nq	99
50) Dimethylphthalate	14.12	163	239727	40.610	nq	98
51) 2,6-Dinitrotoluene	14.26	165	52881	42.212	nq	97
52) Acenaphthene	14.74	154	160780	41.261	nq	96
53) 3-Nitroaniline	14.61	138	12710	10.628	nq	85
54) 2,4-Dinitrophenol	14.82	184	26159	36.327	nq	96
55) Dibenzofuran	15.07	168	291891	43.028	nq	99
56) 4-Nitrophenol	14.91	139	59345	76.890	nq	97
57) 2,4-Dinitrotoluene	15.05	165	78017	42.928	nq	# 98
58) Fluorene	15.72	166	234801	43.508	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	81550	45.817	nq	99
60) Diethylphthalate	15.48	149	248629	41.147	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	149426	42.926	nq	96
62) 4-Nitroaniline	15.76	138	42600	36.549	nq	98
63) Azobenzene	16.00	77	213273	41.863	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	29444	25.087	nq	94
66) n-Nitrosodiphenylamine	15.93	169	208771	40.029	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	104060	40.183	nq	95
68) Hexachlorobenzene	16.72	284	108347	38.832	nq	96
69) Atrazine	16.87	200	93326	42.273	nq	97
70) Pentachlorophenol	17.07	266	99203	78.467	nq	92
71) Phenanthrene	17.47	178	444553	42.578	nq	99
72) Anthracene	17.56	178	434663	41.608	nq	99
73) Carbazole	17.83	167	377235	42.478	nq	99
74) Di-n-butylphthalate	18.36	149	437130	39.163	nq	99
75) Fluoranthene	19.47	202	600939	43.169	nq	99
77) Benzidine	19.67	184	55512	11.458	nq	# 96
78) Pyrene	19.84	202	600101	40.257	nq	99
80) Butylbenzylphthalate	20.70	149	196889	35.366	nq	99
81) Benzo(a)anthracene	21.67	228	600832	39.578	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	74750	14.220	nq	99
83) Chrysene	21.75	228	592410	40.315	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	284695	36.072	nq	99
85) Di-n-octyl phthalate	22.76	149	500284	37.457	nq	97
86) Indeno(1,2,3-cd)pyrene	28.75	276	734785	41.295	nq	99
88) Benzo(b)fluoranthene	23.93	252	631052	41.426	nq	98
89) Benzo(k)fluoranthene	24.00	252	601317m	40.207	nq	
90) Benzo(a)pyrene	24.83	252	603190	41.692	nq	98
91) Dibenzo(a,h)anthracene	28.81	278	604273	41.691	nq	99
92) Benzo(g,h,i)perylene	29.95	276	605905	42.044	nq	98

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



#1

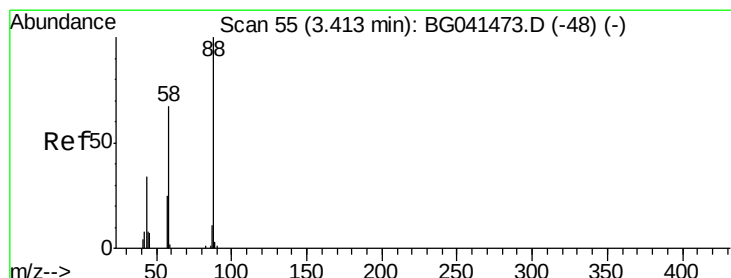
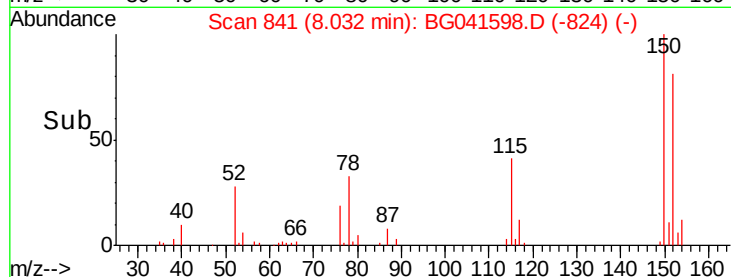
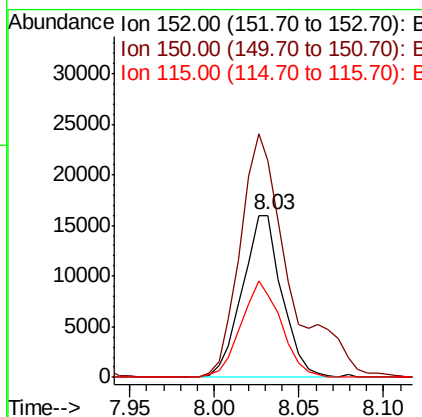
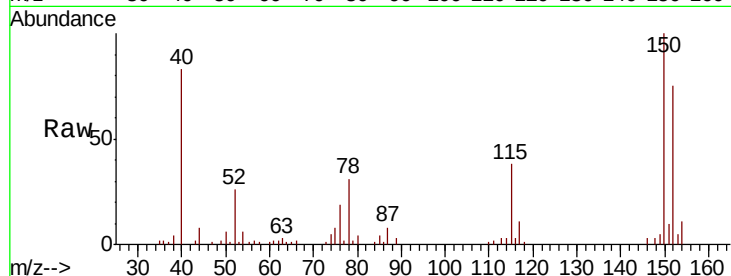
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.6	112.4	168.6
115	50.5	44.6	66.8

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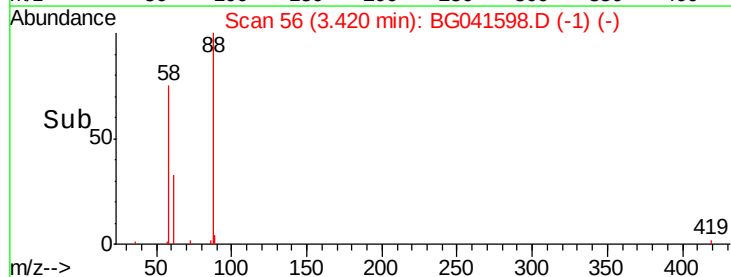
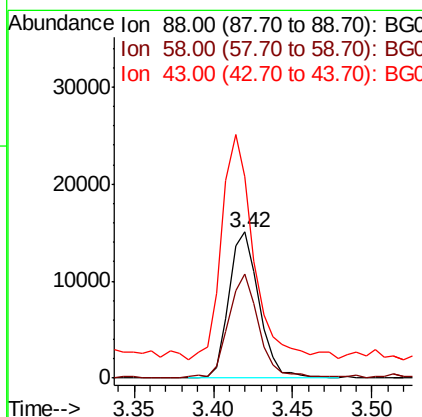
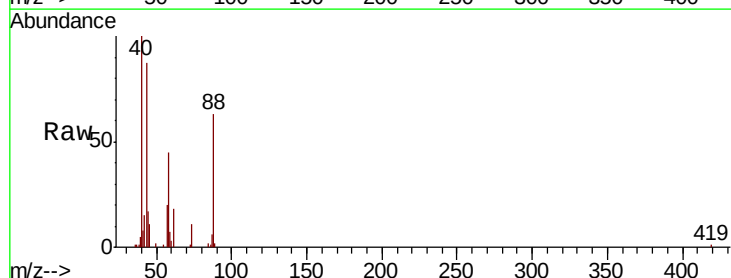
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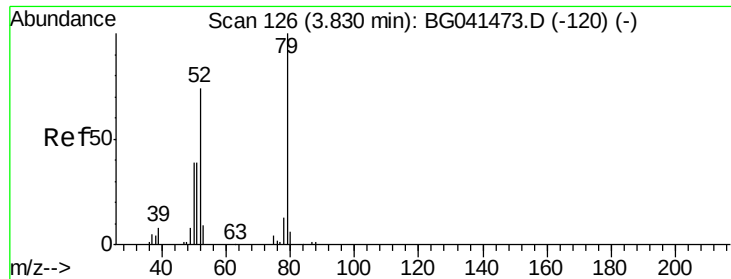


#2

1,4-Dioxane
Concen: 29.976 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.2	55.8	83.8
43	163.6	27.8	41.8#





#3

Pvridine

Concen: 24.655 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

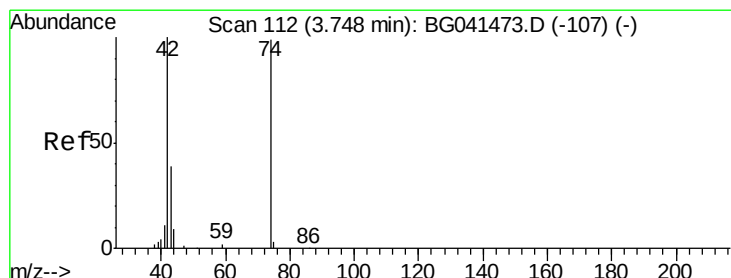
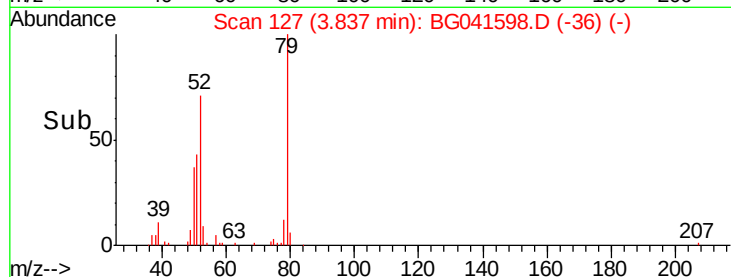
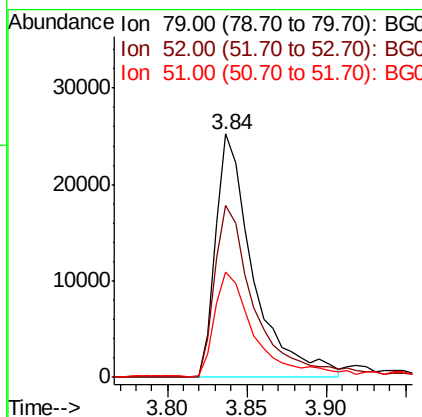
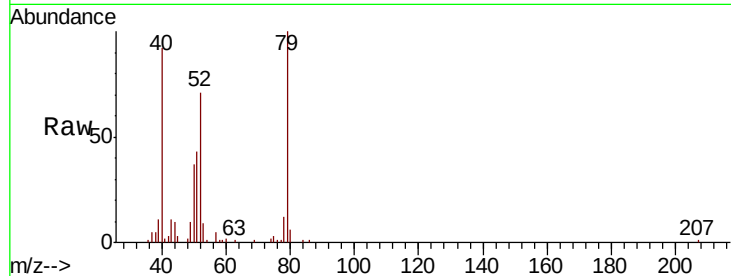
ClientSampleId :

HD-01-070219MSD

Tot Ion:	79	Resp:	41471
Ion	Ratio	Lower	Upper
79	100		
52	70.7	59.4	89.0
51	43.4	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 33.788 ng

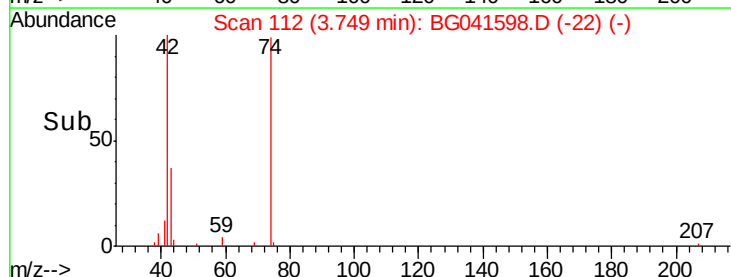
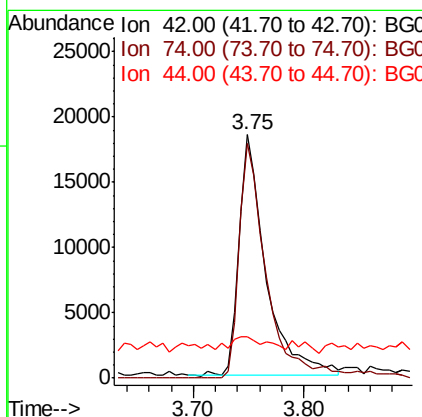
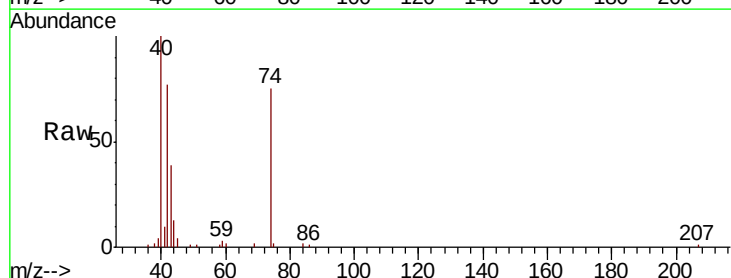
RT: 3.75 min Scan# 112

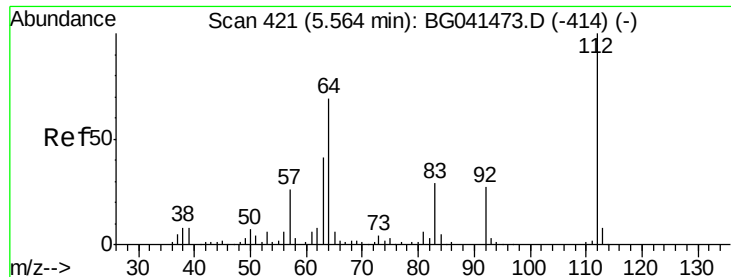
Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	42	Resp:	31625
Ion	Ratio	Lower	Upper
42	100		
74	96.3	79.5	119.3
44	16.8	14.2	21.2





#5

2-Fluorophenol

Concen: 115.584 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

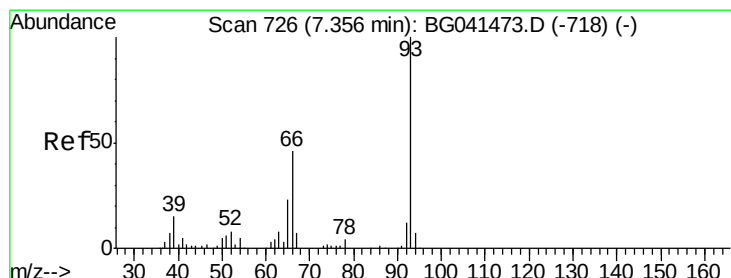
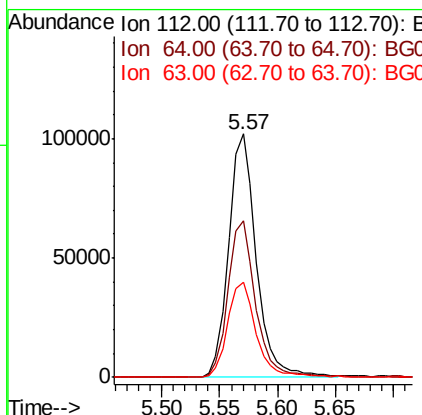
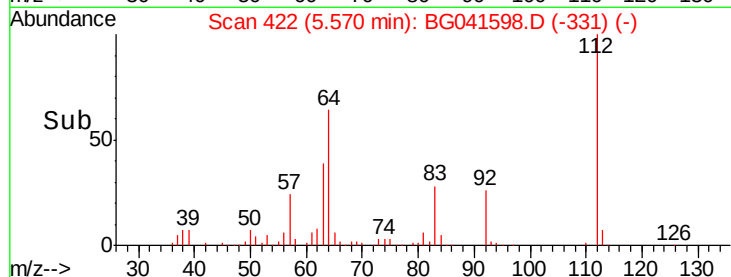
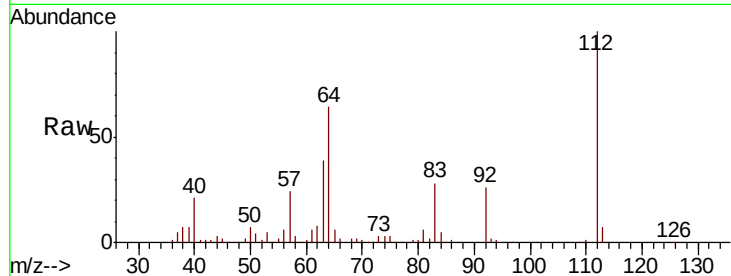
ClientSampleId :

HD-01-070219MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	169274		
64	64.5	55.1	82.7	
63	39.1	32.4	48.6	

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#6

Aniline

Concen: 10.832 ng

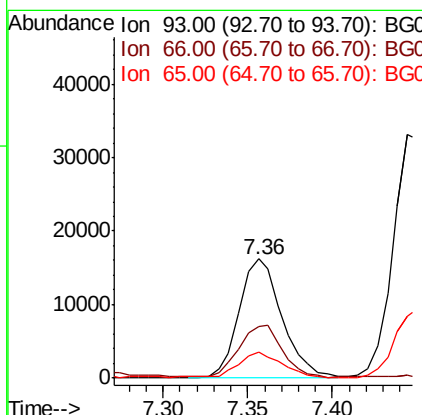
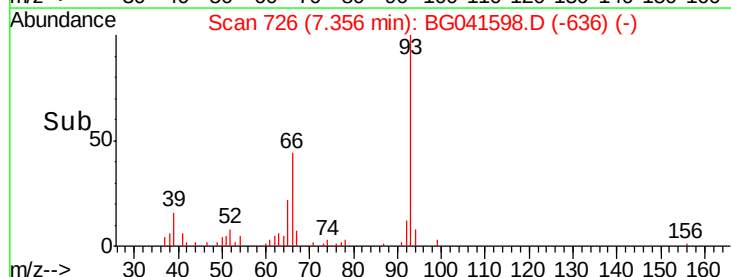
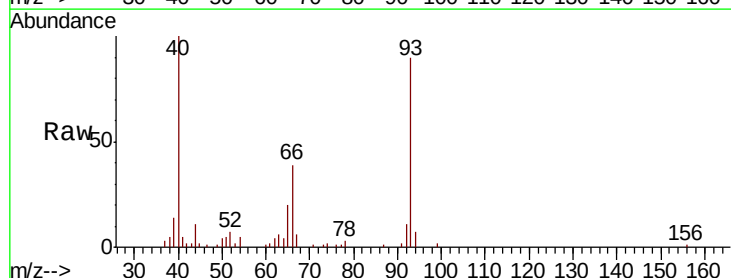
RT: 7.36 min Scan# 726

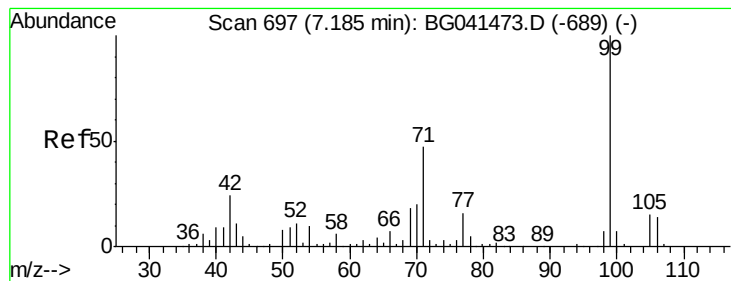
Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	28785		
66	43.7	37.4	56.0	
65	21.8	18.6	27.8	





#7

Phenol-d6

Concen: 107.159 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

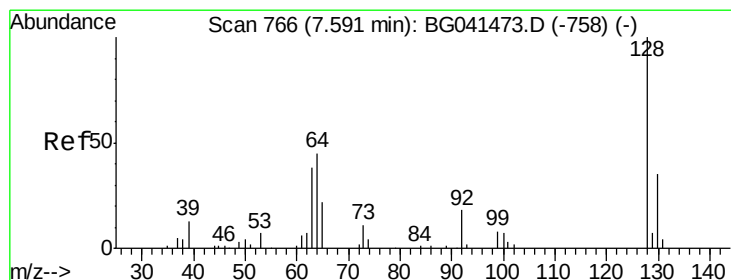
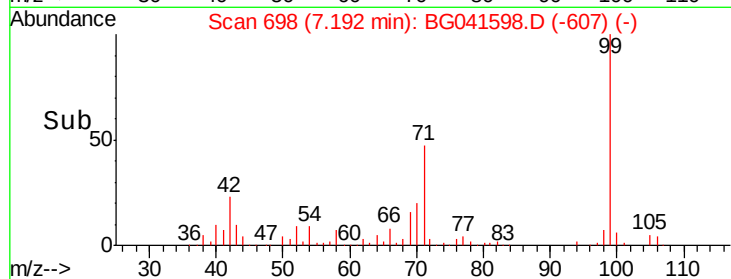
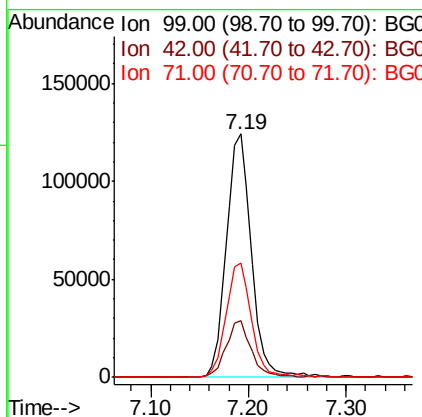
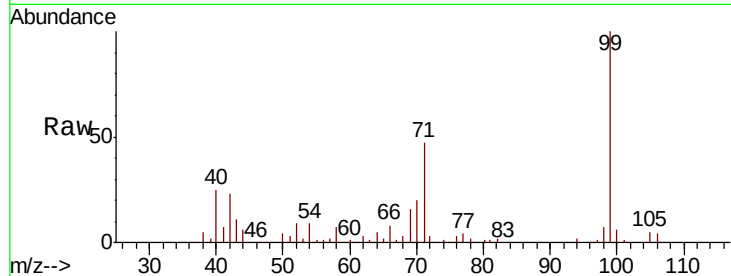
ClientSampleId :

HD-01-070219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		220924		
42	23.4	19.0	28.6		
71	46.8	37.4	56.2		

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#8

2-Chlorophenol

Concen: 39.726 ng

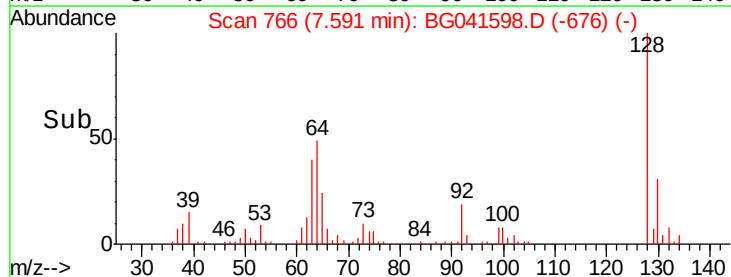
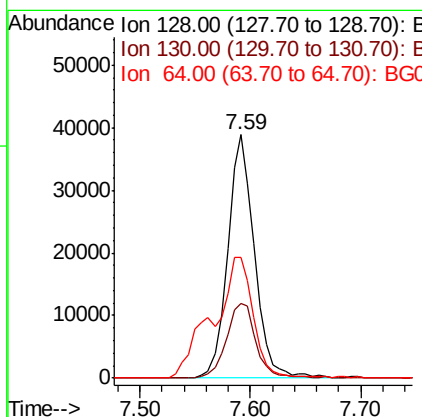
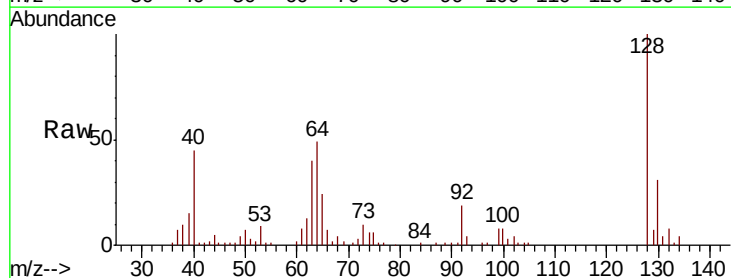
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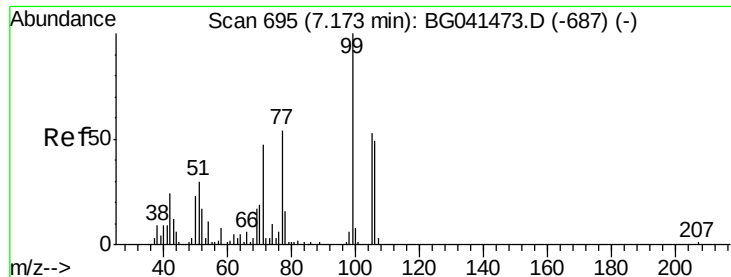
Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		65247		
130	30.9	15.0	55.0		
64	49.4	33.3	73.3		





#9

Benzaldehyde

Concen: 32.332 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

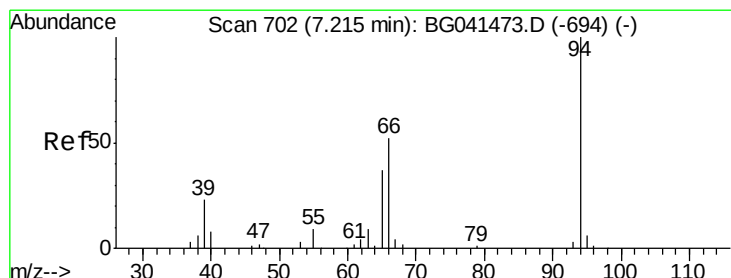
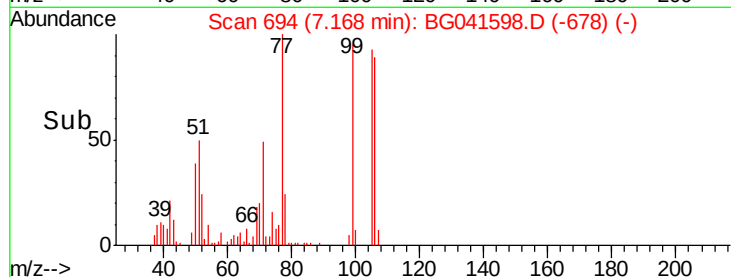
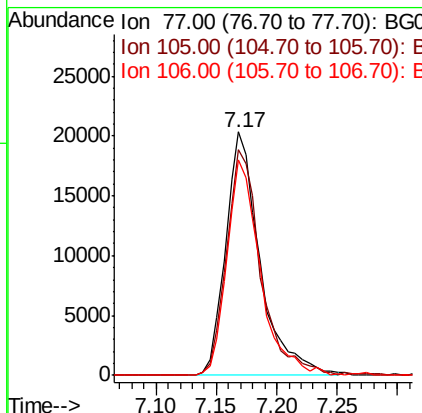
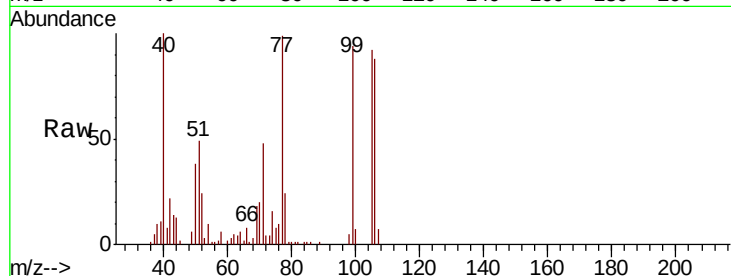
ClientSampleId :

HD-01-070219MSD

Tot Ion:	77	Resp:	40255
Ion	Ratio	Lower	Upper
77	100		
105	92.8	77.8	117.8
106	88.7	70.1	110.1

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#10

Phenol

Concen: 33.715 ng

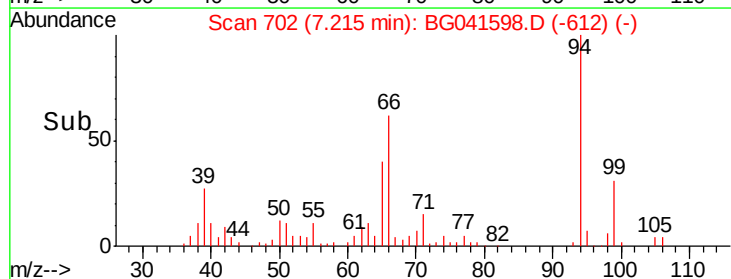
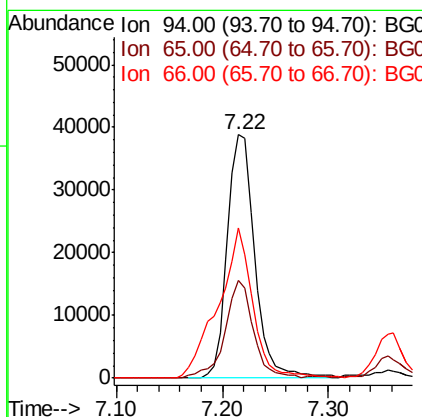
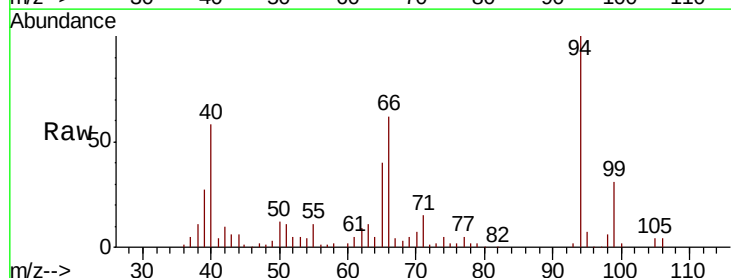
RT: 7.22 min Scan# 702

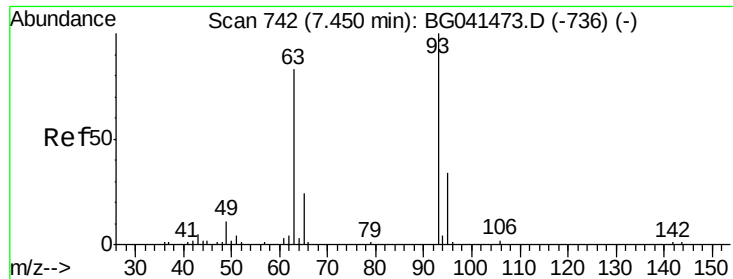
Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	94	Resp:	70053
Ion	Ratio	Lower	Upper
94	100		
65	40.1	17.9	57.9
66	61.6	34.4	74.4





#11

bis(2-Chloroethyl)ether

Concen: 33.999 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

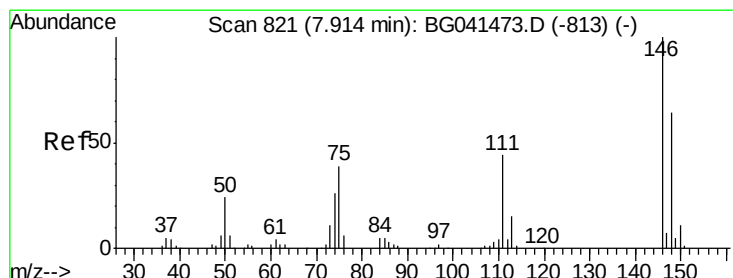
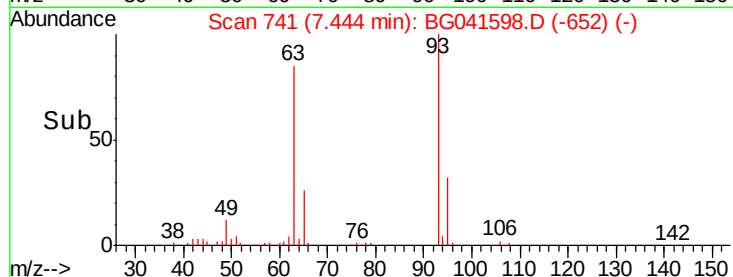
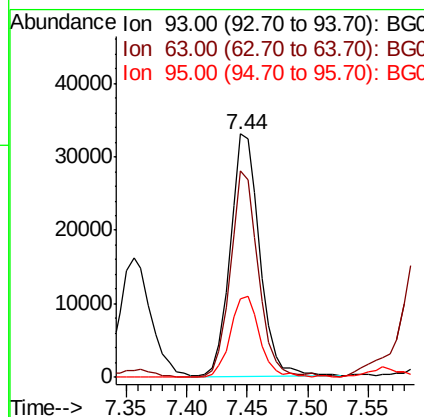
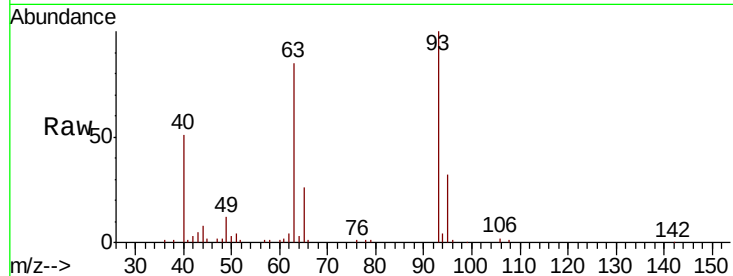
ClientSampleId :

HD-01-070219MSD

Tot Ion:	93	Resp:	56023
Ion	Ratio	Lower	Upper
93	100		
63	85.1	62.0	102.0
95	32.1	13.0	53.0

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#12

1,3-Dichlorobenzene

Concen: 34.985 ng

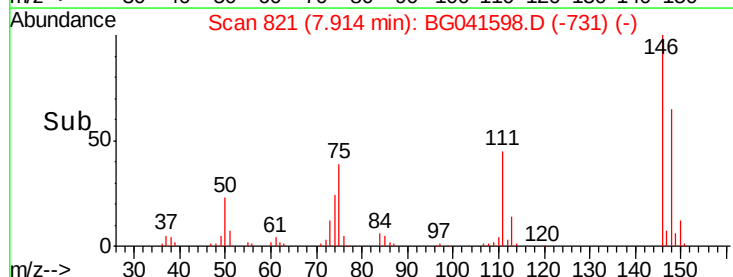
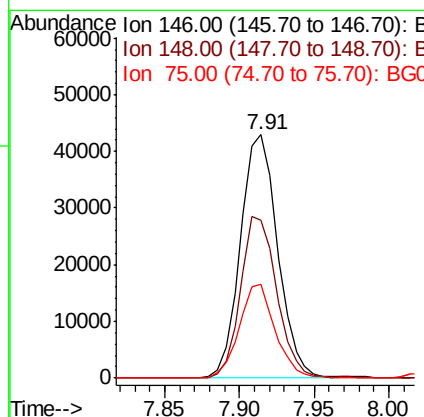
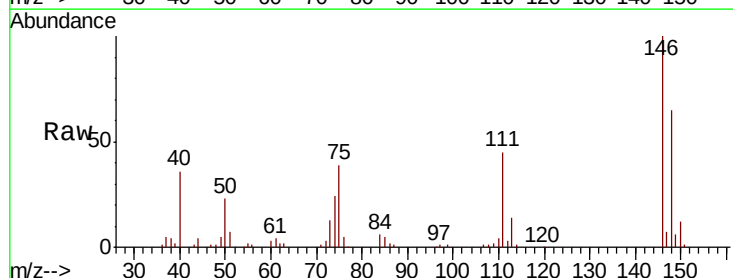
RT: 7.91 min Scan# 821

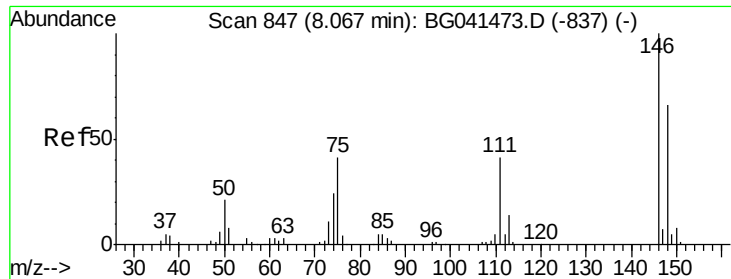
Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	146	Resp:	74332
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
75	38.7	31.0	46.6





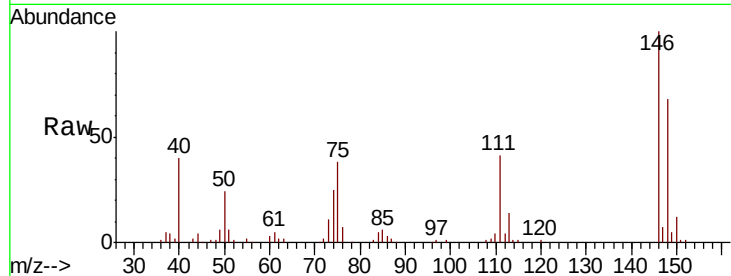
#13
 1,4-Dichlorobenzene
 Concen: 35.313 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.3	52.8	79.2
111	41.2	33.1	49.7

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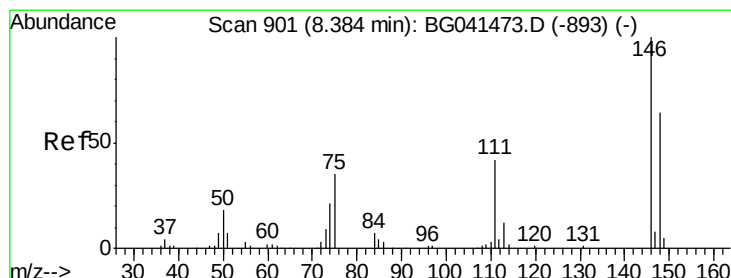
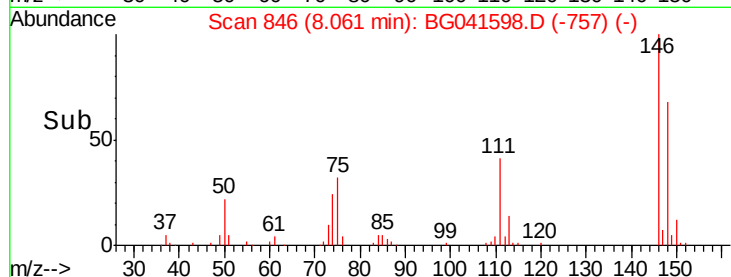
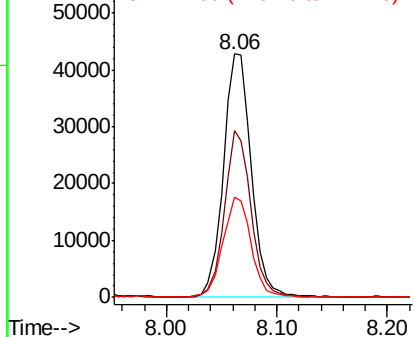


Abundance

Ion 146.00 (145.70 to 146.70): E

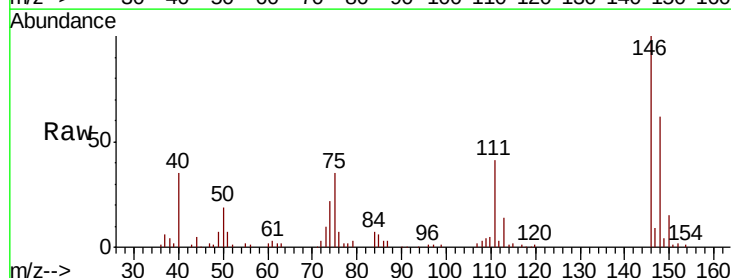
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.310 ng
 RT: 8.38 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.3	76.9
111	41.3	34.3	51.5

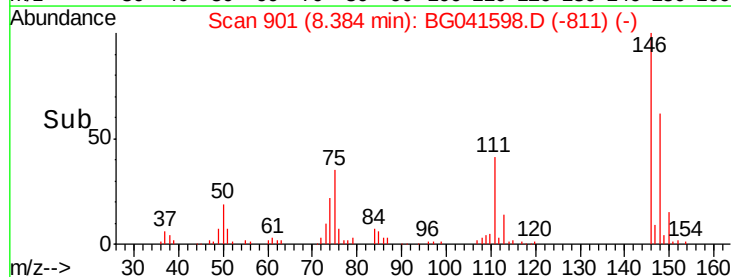
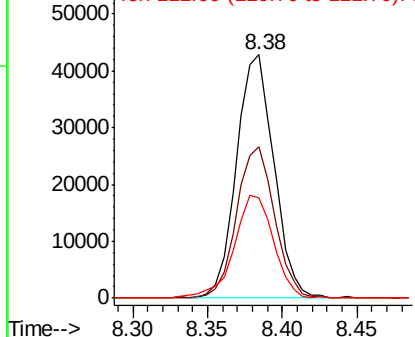


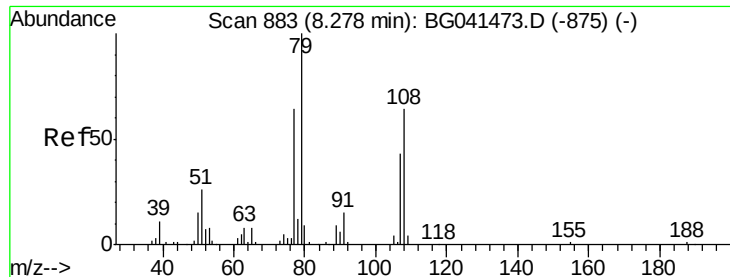
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.443 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

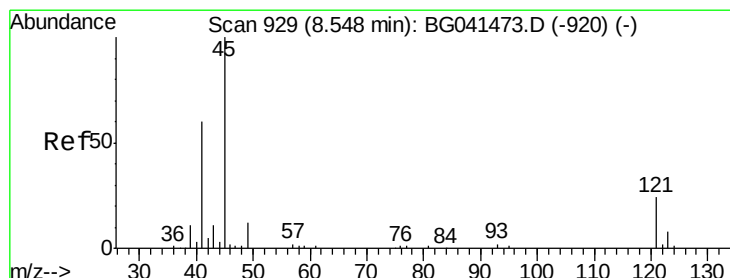
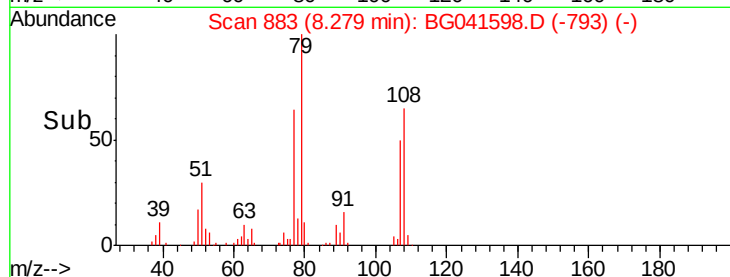
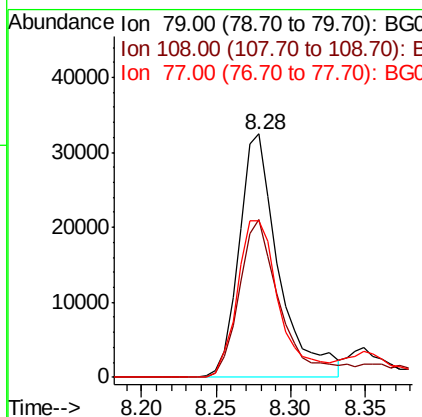
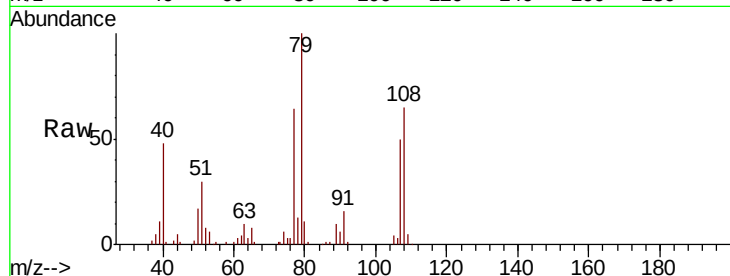
ClientSampleId :

HD-01-070219MSD

Tot Ion:	79	Resp:	59834
Ion	Ratio	Lower	Upper
79	100		
108	64.9	51.4	77.0
77	64.4	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.576 ng

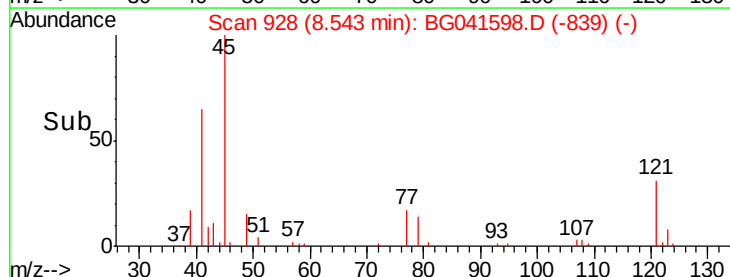
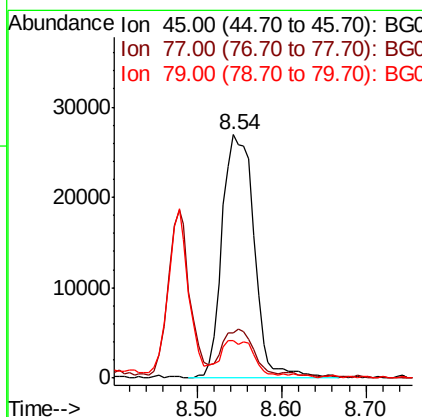
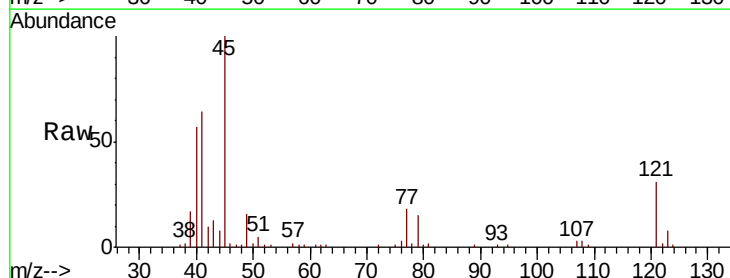
RT: 8.54 min Scan# 928

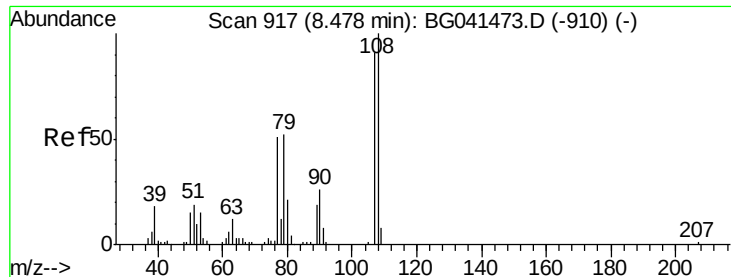
Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	45	Resp:	70751
Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	36.3
79	15.3	0.0	32.4





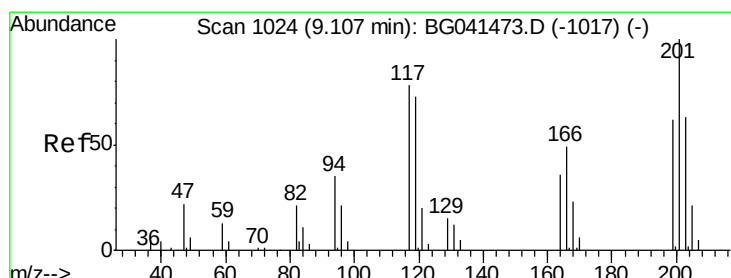
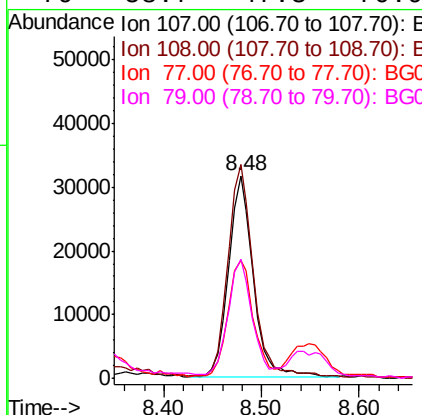
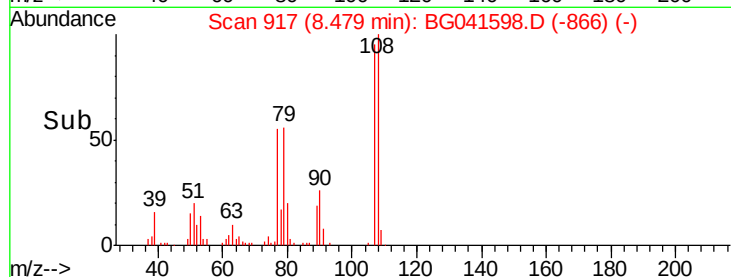
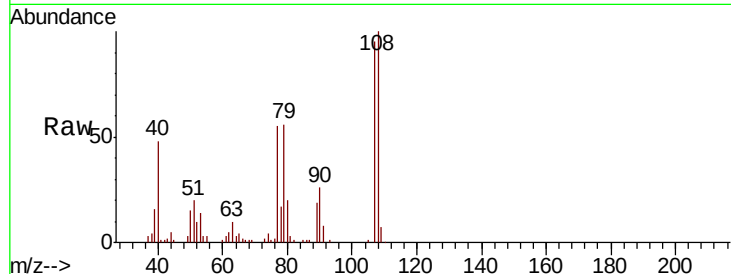
#17
2-Methylphenol
Concen: 36.701 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.3	88.0	132.0
77	58.2	45.3	67.9
79	58.7	47.3	70.9

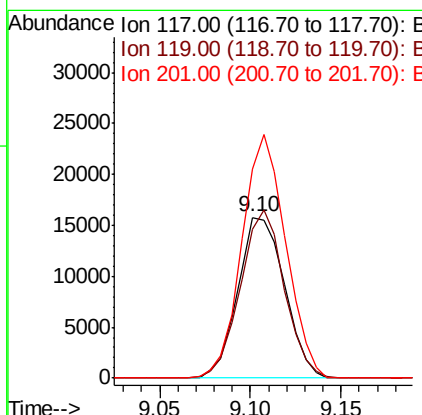
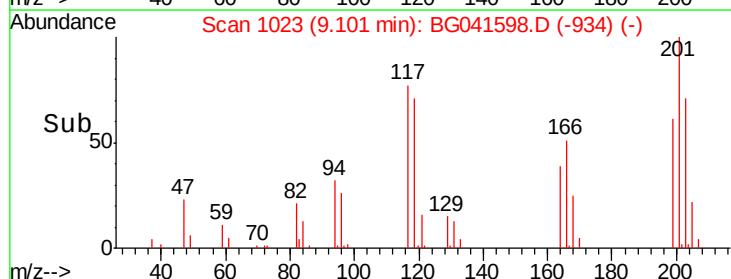
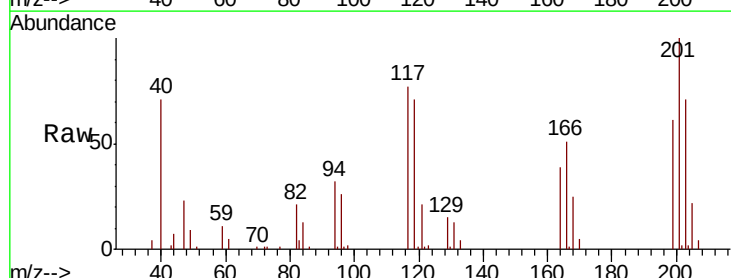
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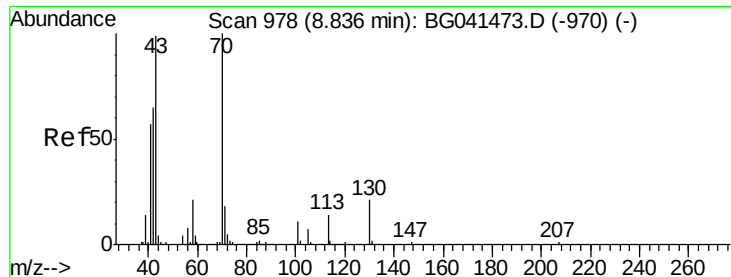
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#18
Hexachloroethane
Concen: 33.454 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	74.3	111.5
201	133.5	102.3	153.5





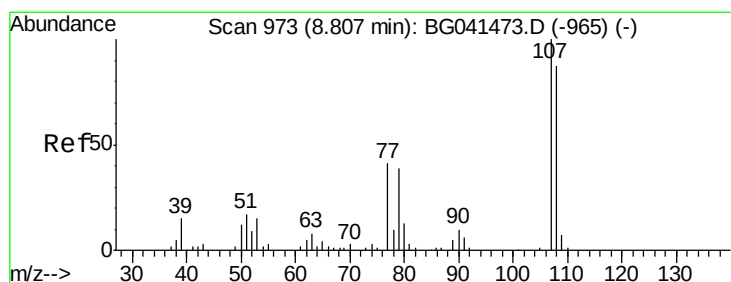
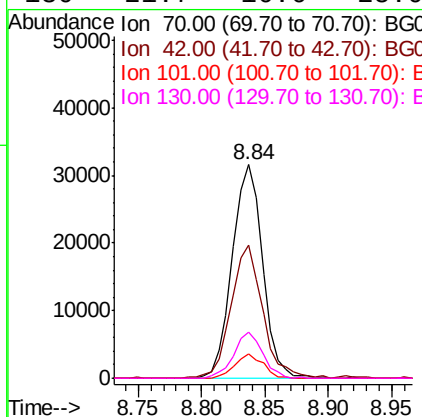
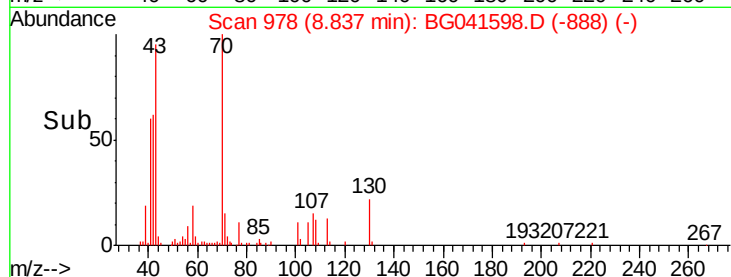
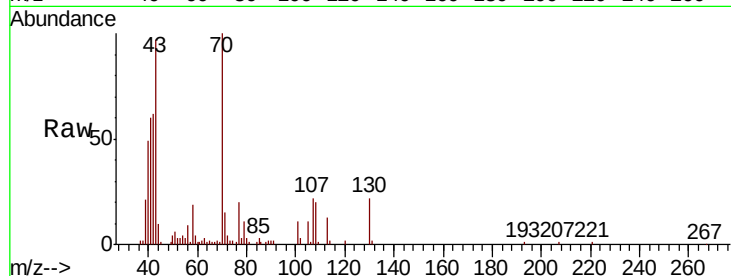
#19
n-Nitroso-di-n-propylamine
Concen: 33.924 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	52.6	78.8
101	11.4	8.6	13.0
130	21.7	16.6	25.0

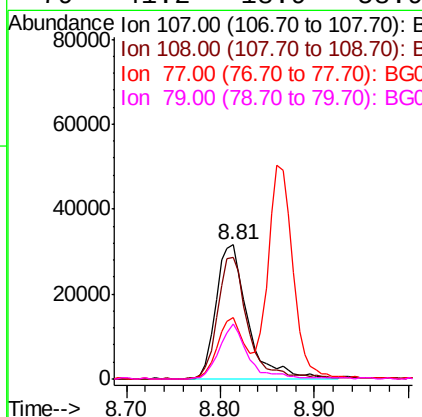
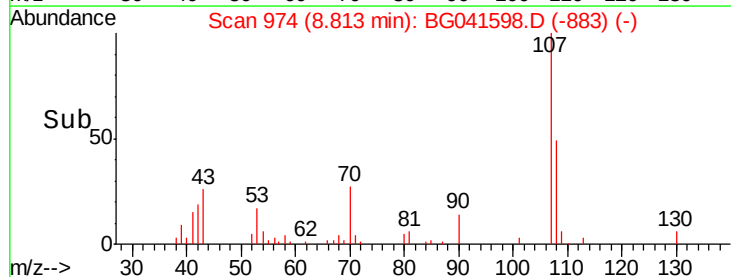
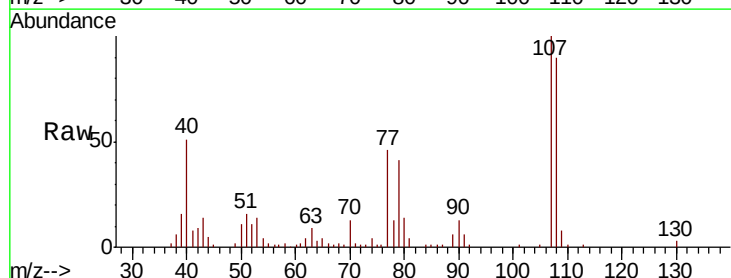
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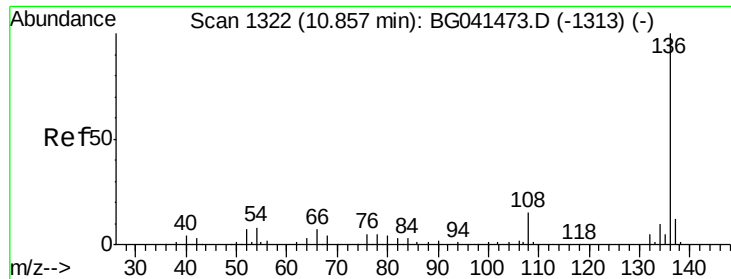
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#20
3+4-Methylphenols
Concen: 36.966 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.0	107.0
77	45.9	20.6	60.6
79	41.2	18.9	58.9





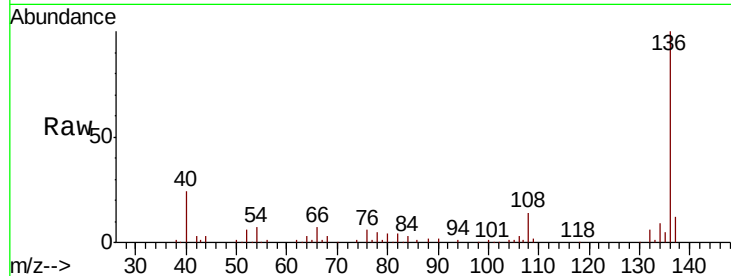
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.3	13.9
54	7.2	7.1	10.7
68	3.1	3.3	4.9#

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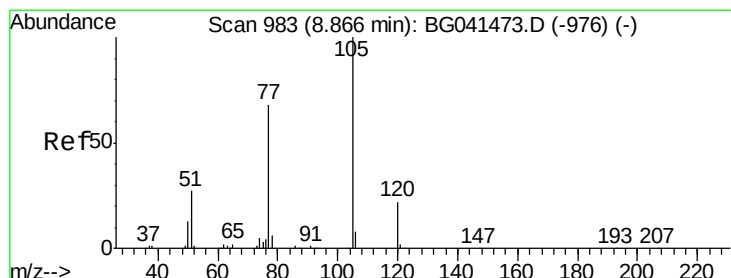
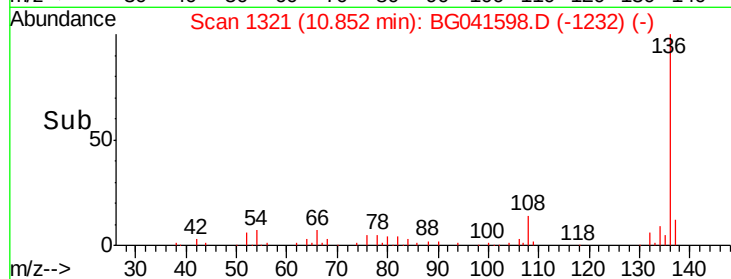
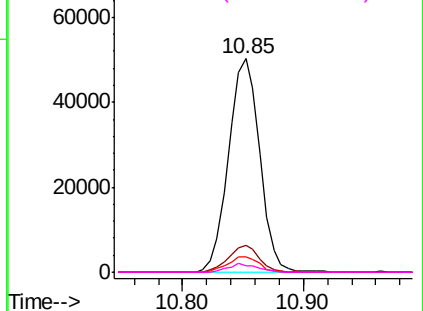
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.921 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.5	0.7#
51	28.8	25.0	37.6
120	19.3	17.6	26.4

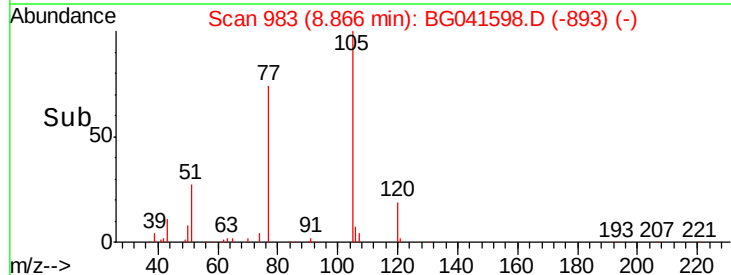
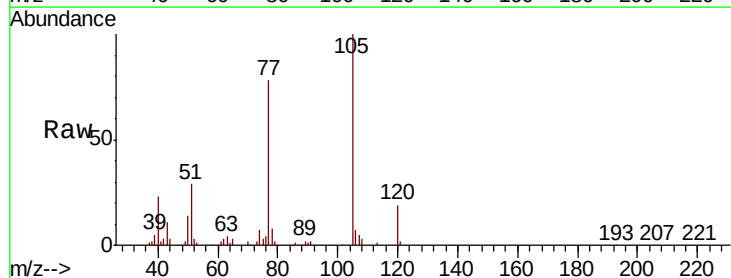
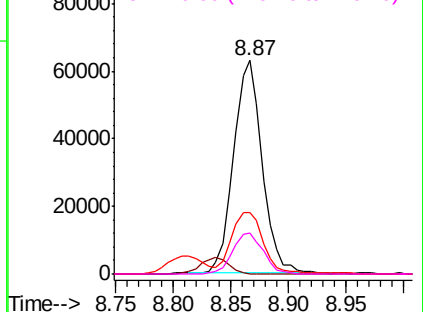
Abundance

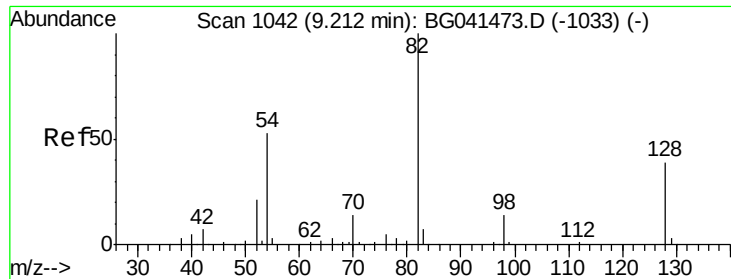
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





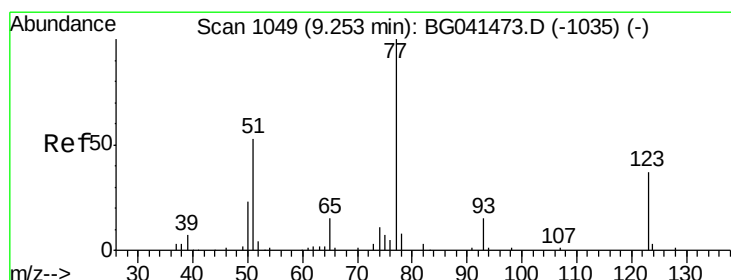
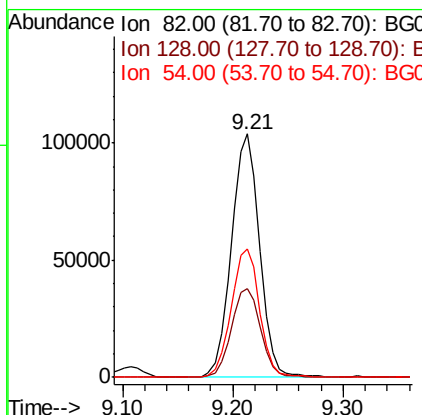
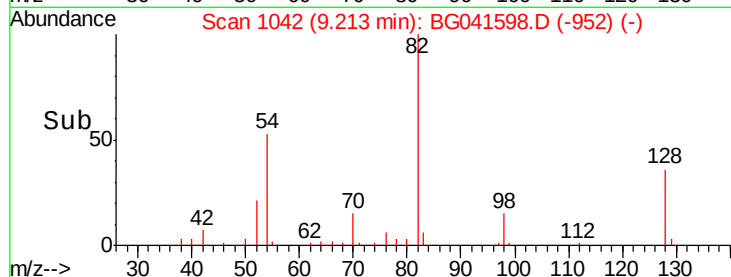
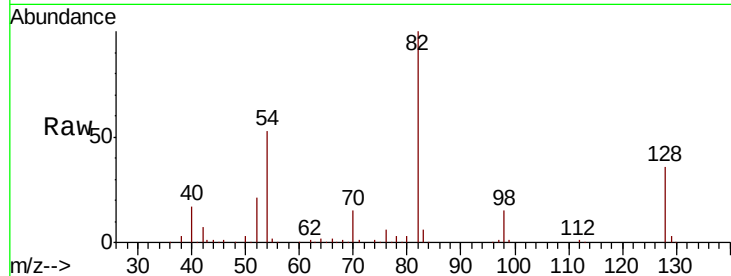
#23
 Nitrobenzene-d5
 Concen: 86.146 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	185983		
128	36.4	30.9	46.3	
54	52.5	42.2	63.2	

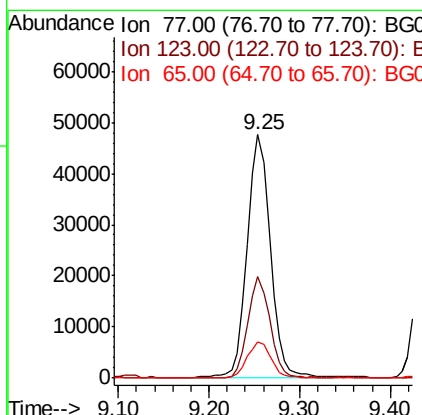
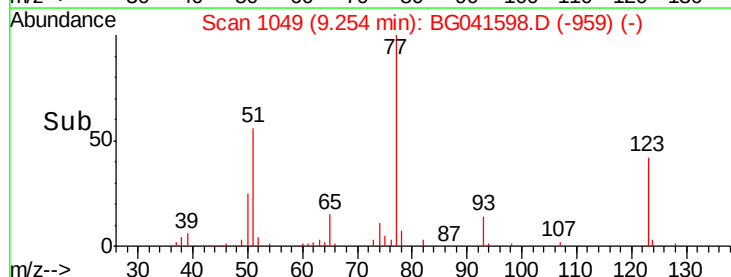
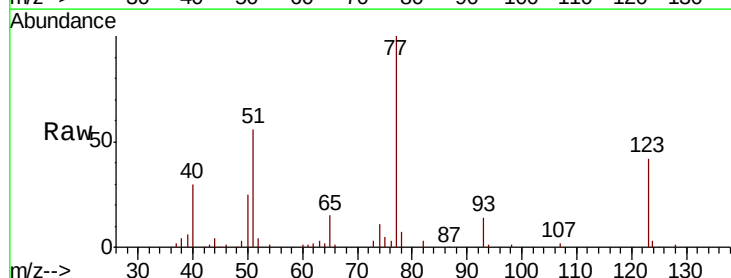
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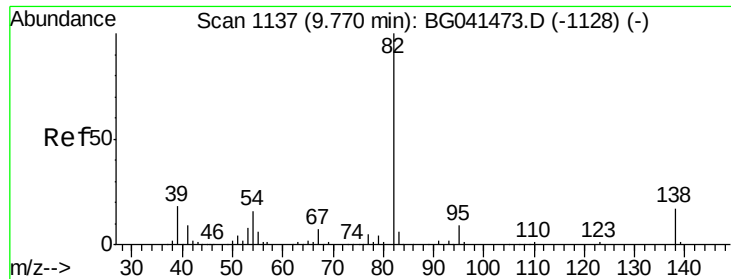
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#24
 Nitrobenzene
 Concen: 39.483 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	85560		
123	41.6	29.9	44.9	
65	14.8	12.2	18.4	





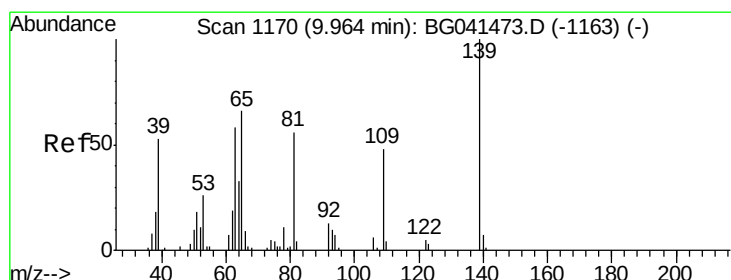
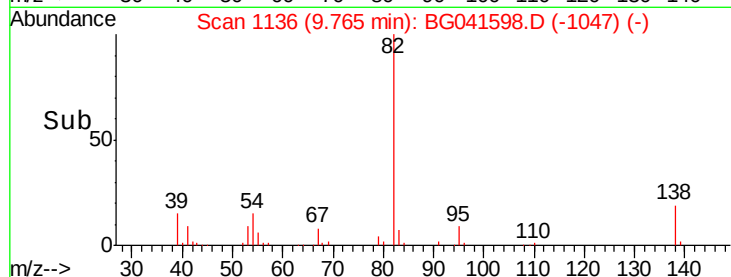
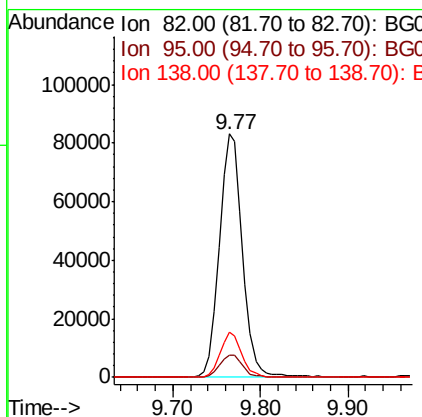
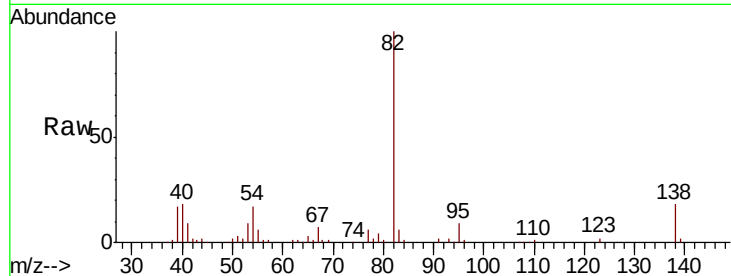
#25
Isophorone
Concen: 39.045 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	151343		
95	9.1	6.8	10.2	
138	18.5	13.7	20.5	

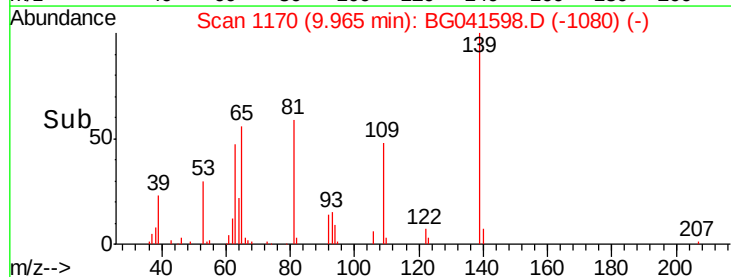
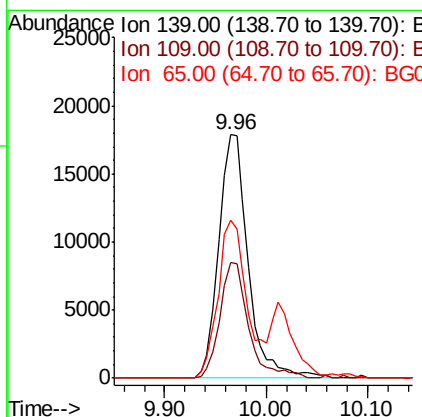
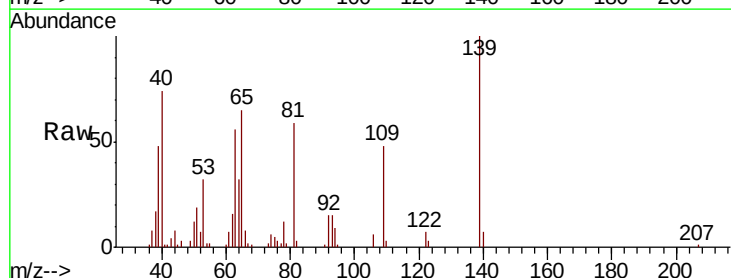
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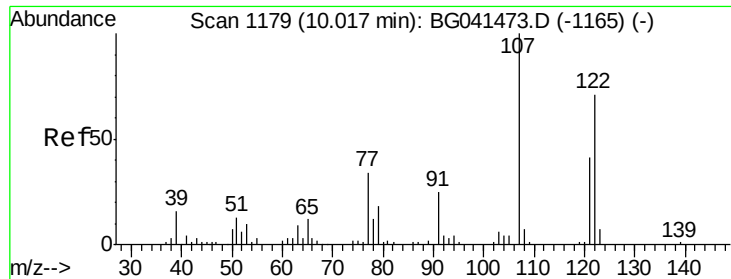
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#26
2-Nitrophenol
Concen: 39.771 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	35993		
109	47.7	38.6	57.8	
65	64.6	52.6	78.8	





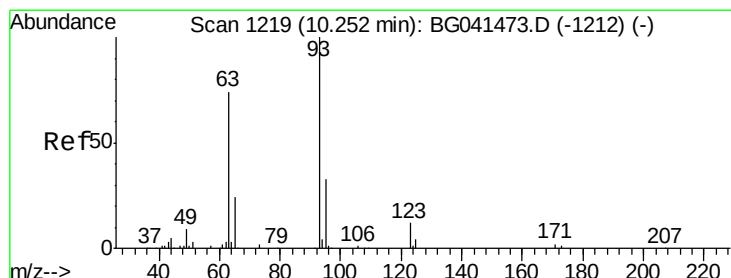
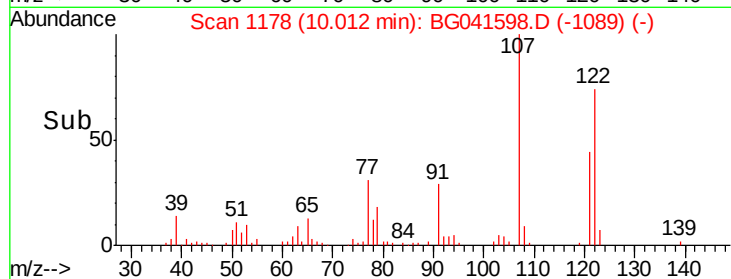
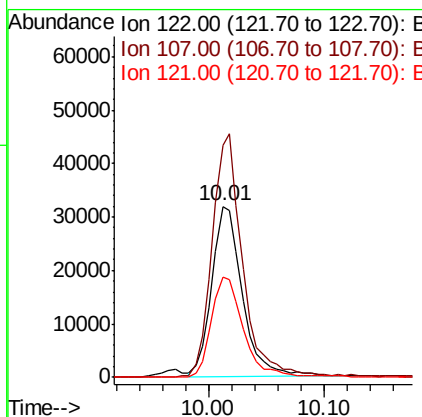
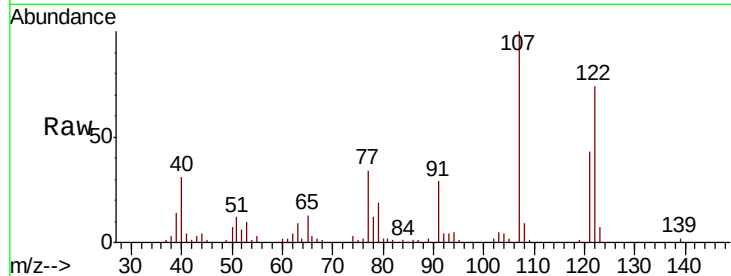
#27
2,4-Dimethylphenol
Concen: 46.275 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.6	112.9	169.3
121	58.9	46.1	69.1

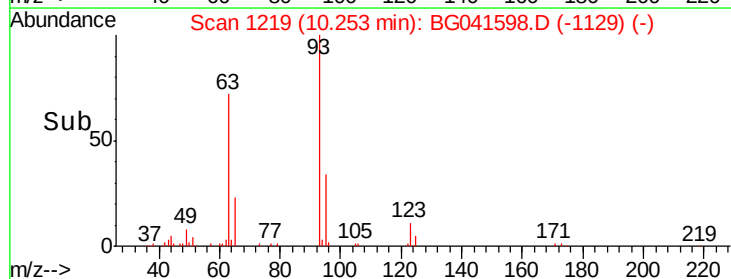
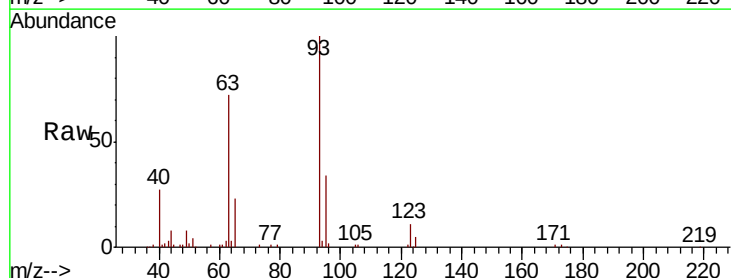
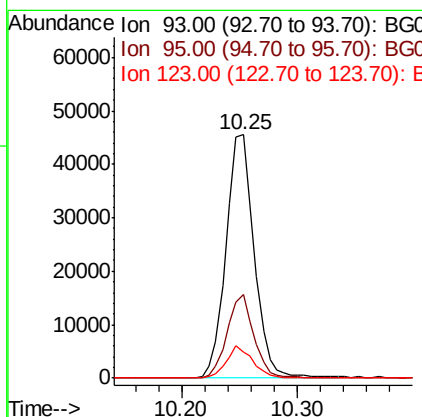
Manual Integrations
APPROVED

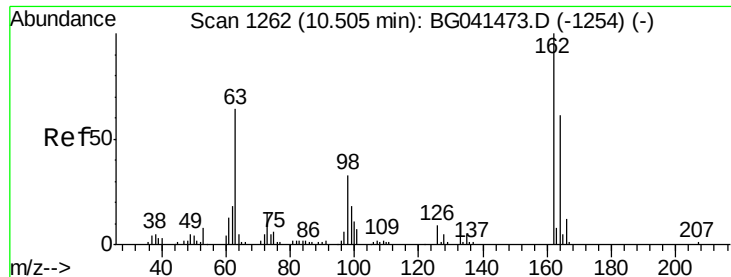
mohammad
7/8/2019 2:11:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.663 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.2	39.2
123	10.8	9.6	14.4





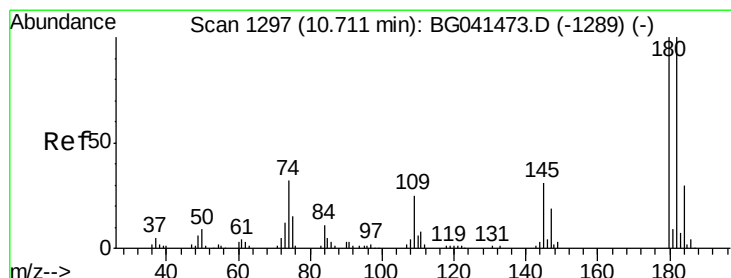
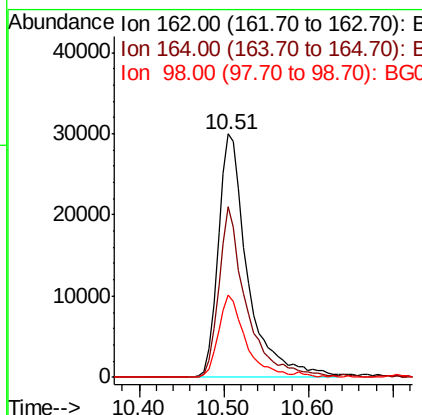
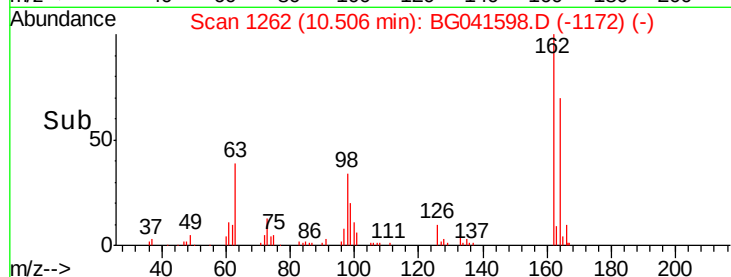
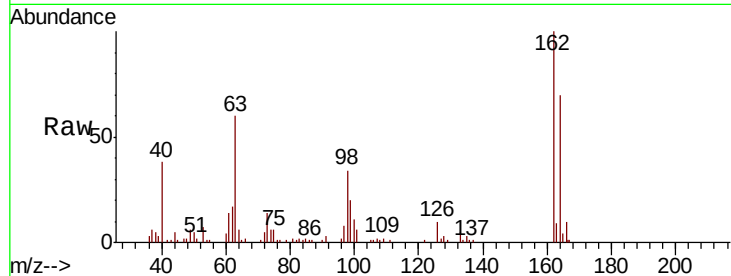
#29
2,4-Dichlorophenol
Concen: 42.602 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	70.2	41.3	81.3
98	33.8	13.2	53.2

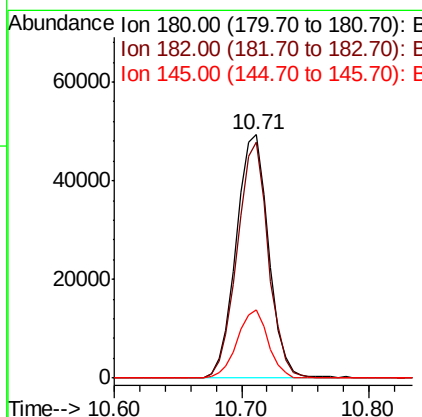
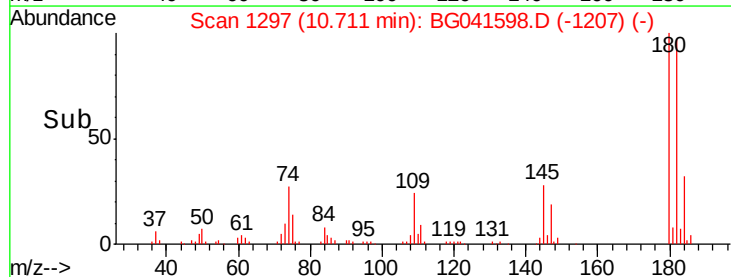
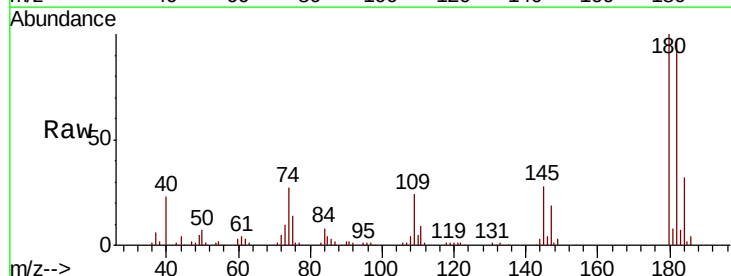
Manual Integrations
APPROVED

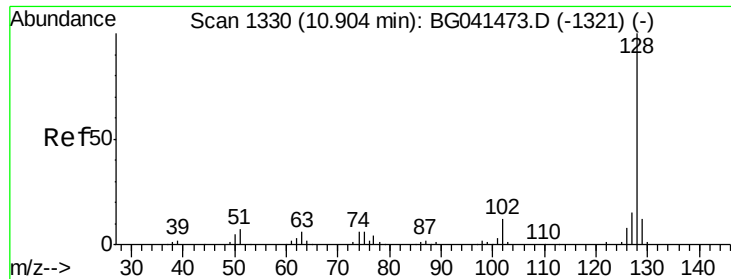
mohammad
7/8/2019 2:11:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.013 ng
RT: 10.71 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	79.9	119.9
145	28.3	24.7	37.1





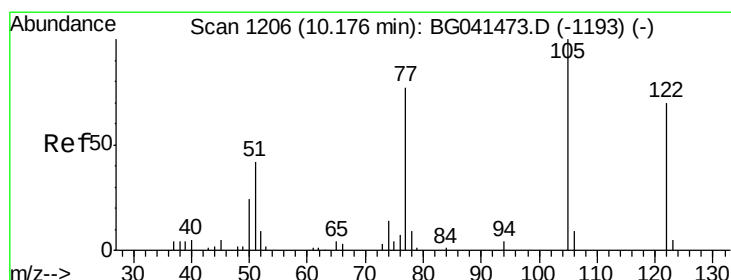
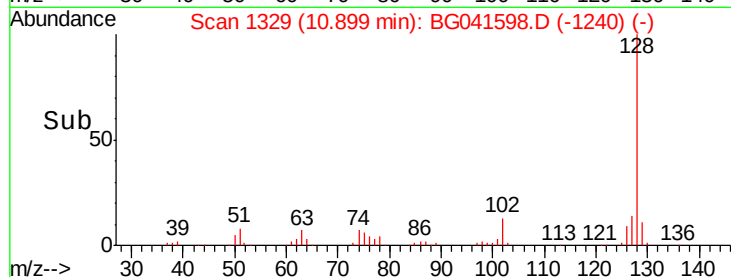
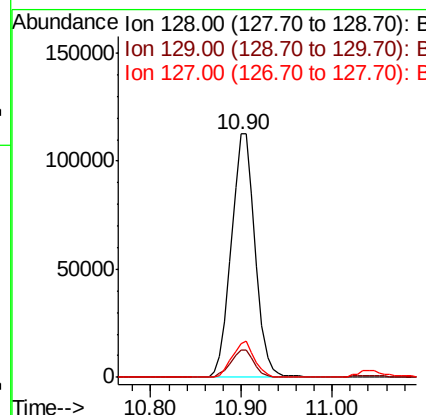
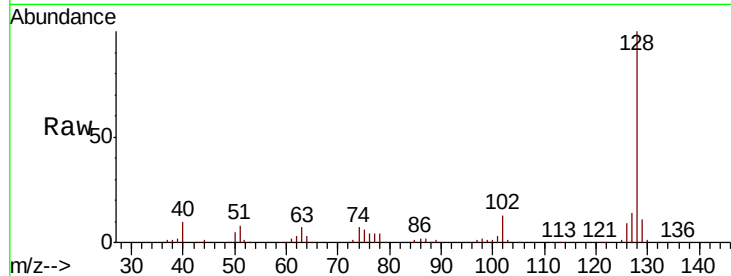
#31
Naphthalene
Concen: 41.245 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	13.8	11.6	17.4

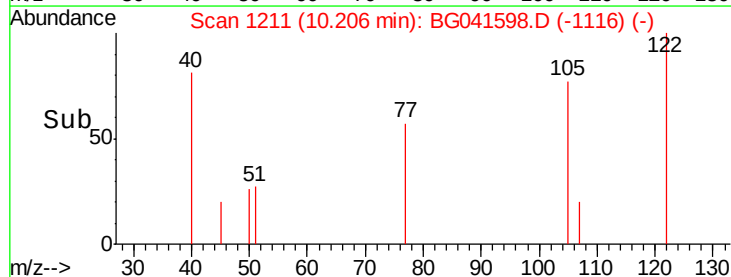
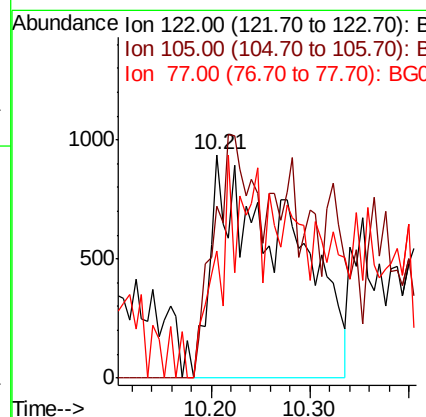
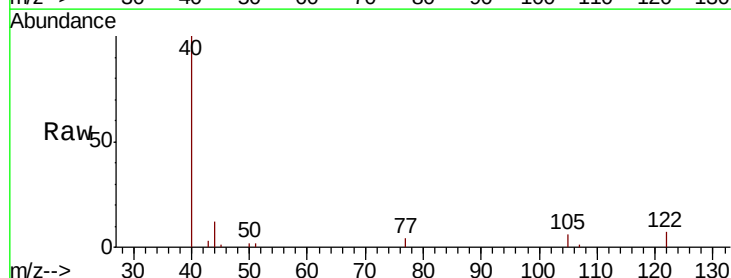
Manual Integrations
APPROVED

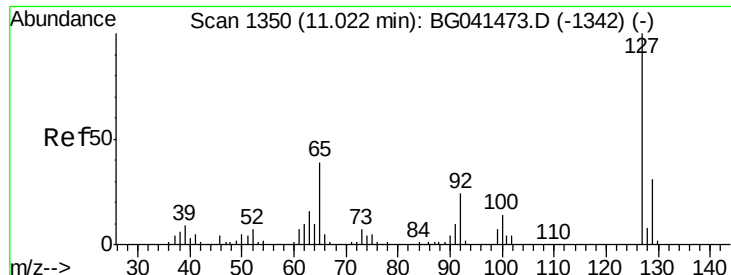
mohammad
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#32
Benzoic acid
Concen: 12.266 ng m
RT: 10.21 min Scan# 1211
Delta R.T. 0.03 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	76.9	117.8	157.8#
77	57.1	88.9	128.9#





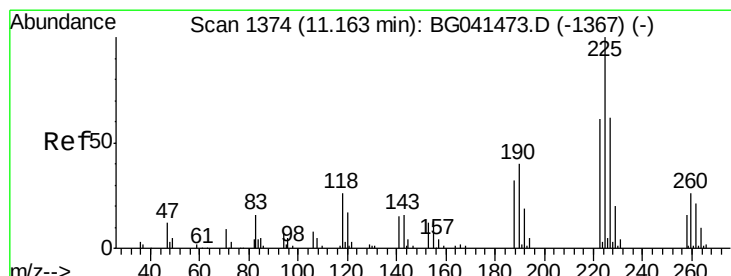
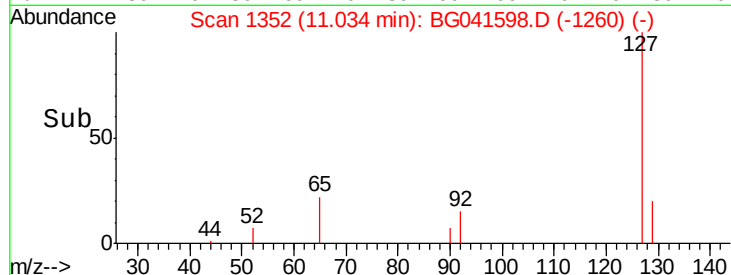
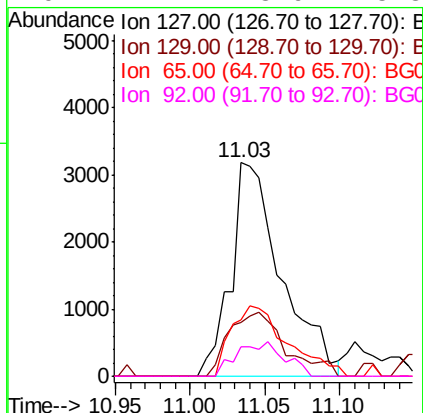
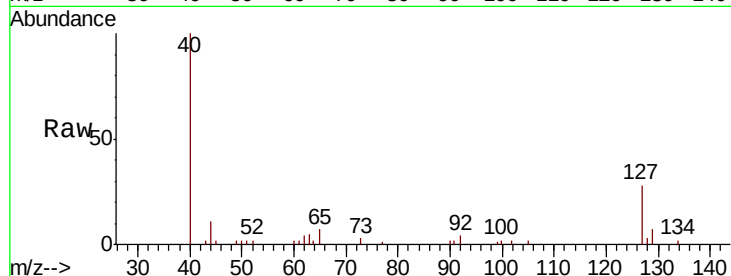
#33
4-Chloroaniline
Concen: 3.581 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	25.2	24.6	37.0	
65	26.4	31.5	47.3	
92	14.1	18.9	28.3	

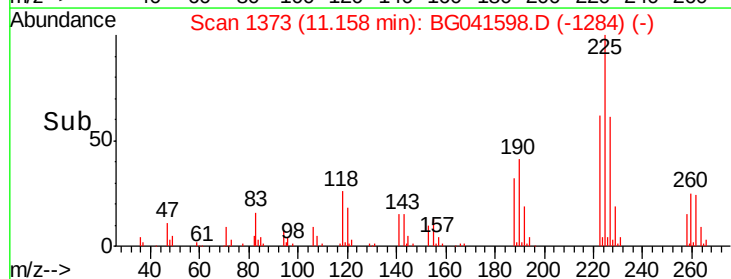
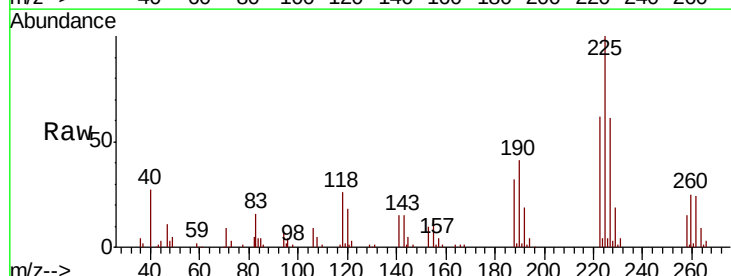
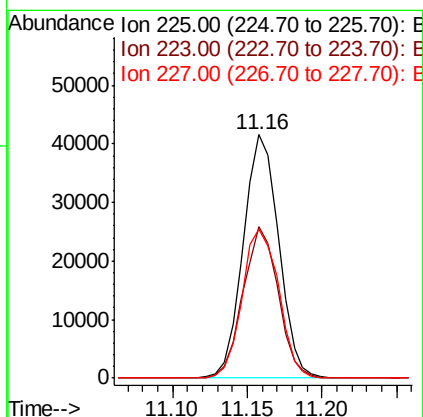
Manual Integrations
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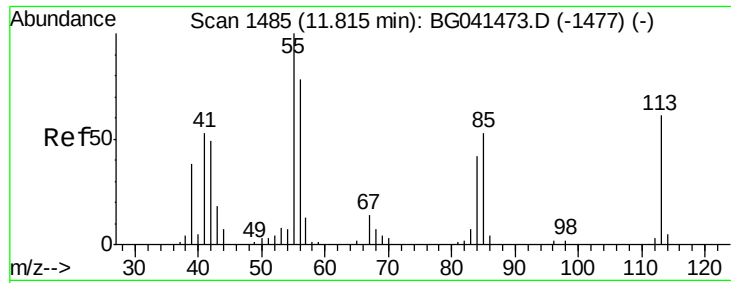
mohammad
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#34
Hexachlorobutadiene
Concen: 39.379 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	59.7	48.6	72.8	
227	58.5	49.3	73.9	





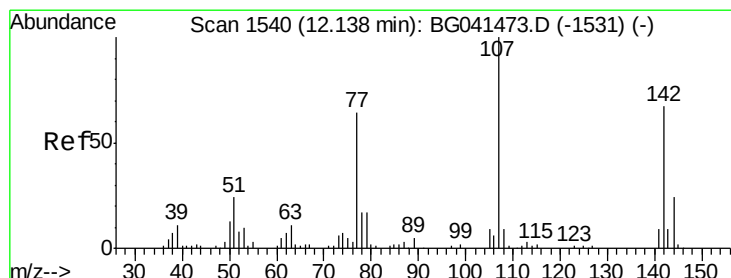
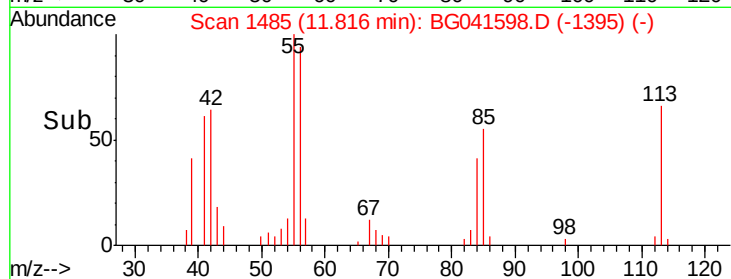
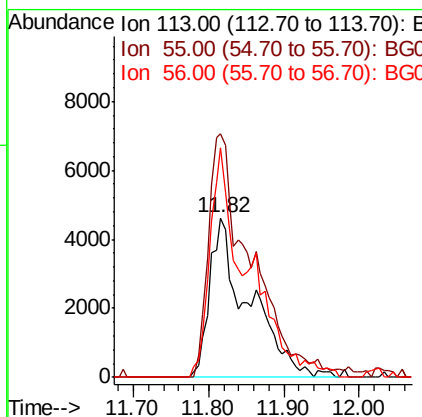
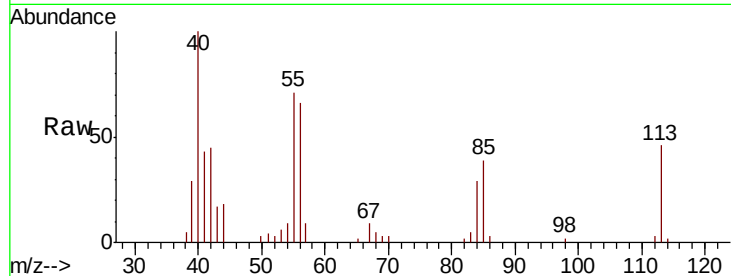
#35
 Caprolactam
 Concen: 31.501 ng/ml
 RT: 11.82 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion:113 Resp: 16734
 Ion Ratio Lower Upper
 113 100
 55 152.6 145.1 185.1
 56 143.5 109.4 149.4

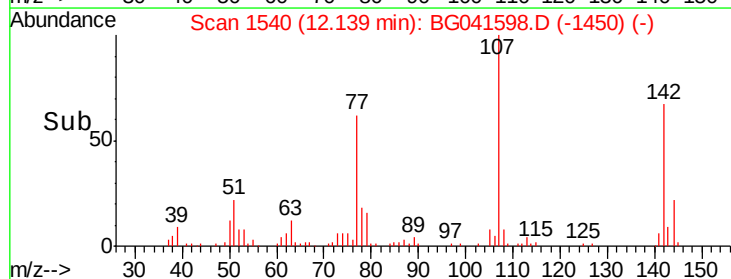
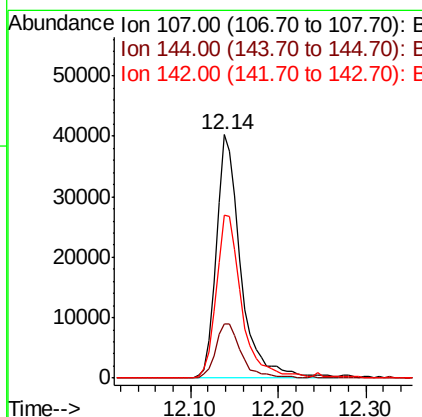
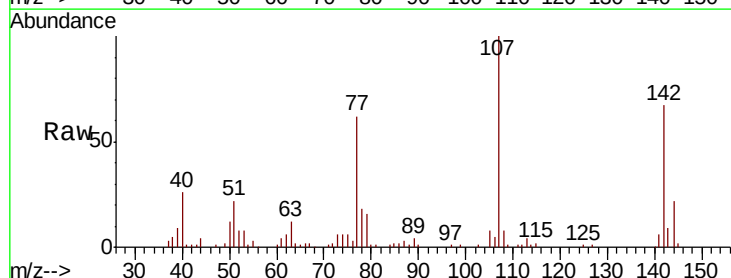
Manual Integrations
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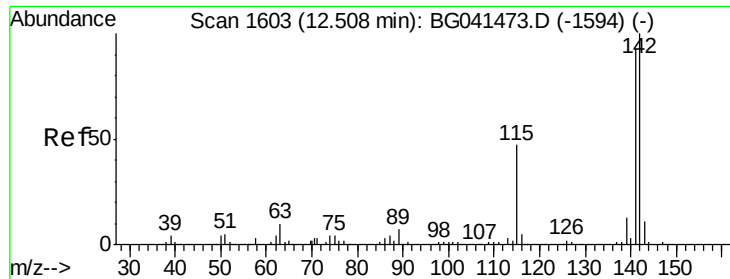
mohammad
 7/8/2019 2:11:31 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.173 ng/ml
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion:107 Resp: 77739
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.4 29.0
 142 67.1 53.8 80.6





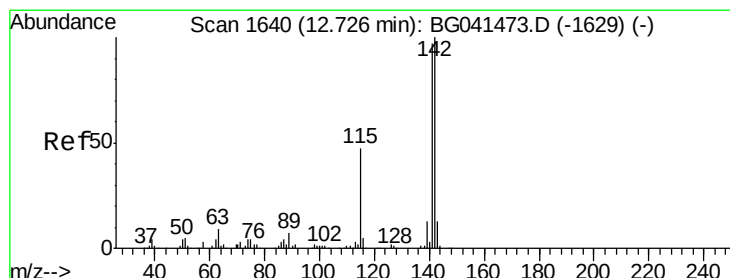
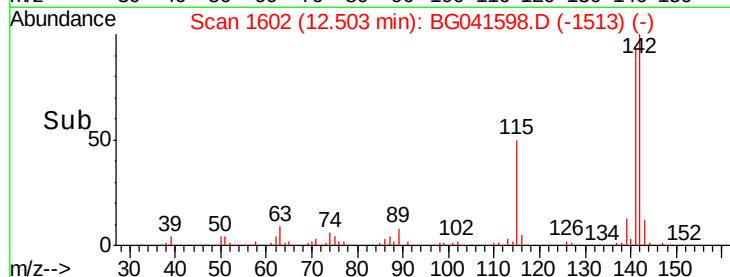
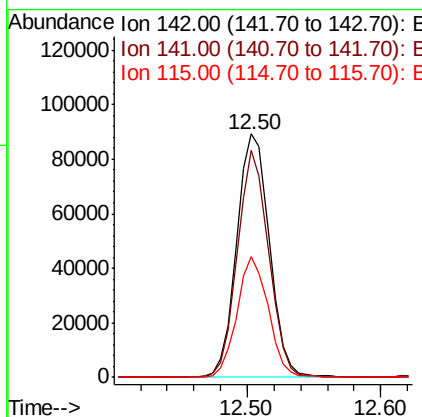
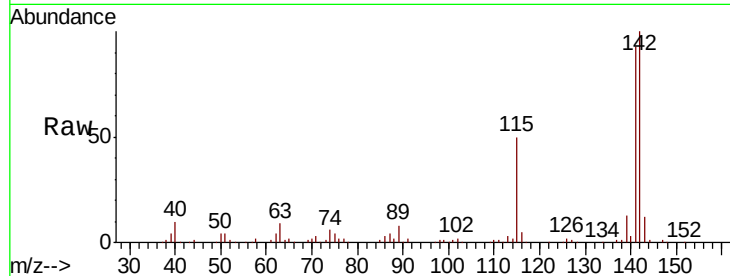
#37
2-Methylnaphthalene
Concen: 41.095 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.8	112.2
115	49.7	38.0	57.0

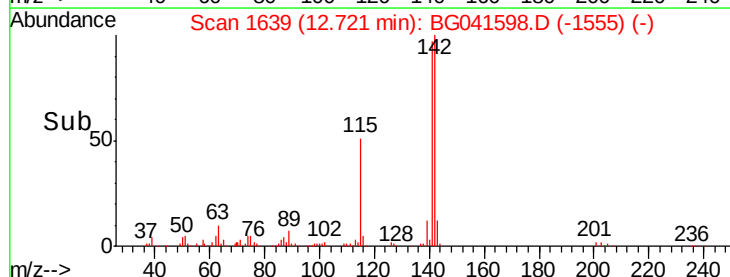
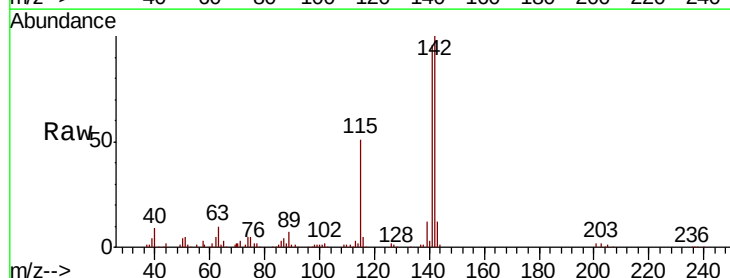
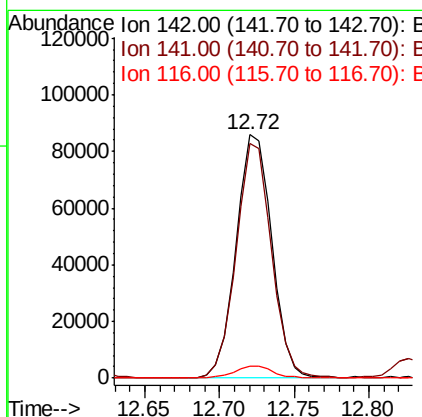
Manual Integrations
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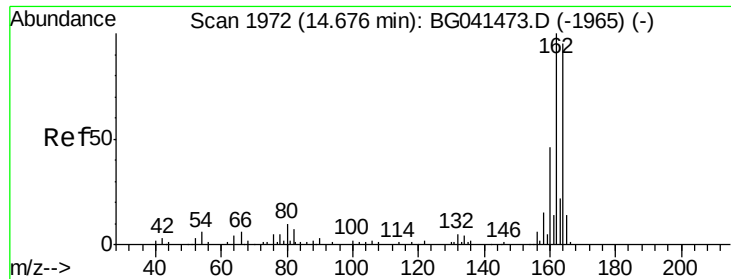
mohammad
7/8/2019 2:11:31 PM



#38
1-Methylnaphthalene
Concen: 40.831 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	77.4	116.2
116	5.0	3.8	5.8





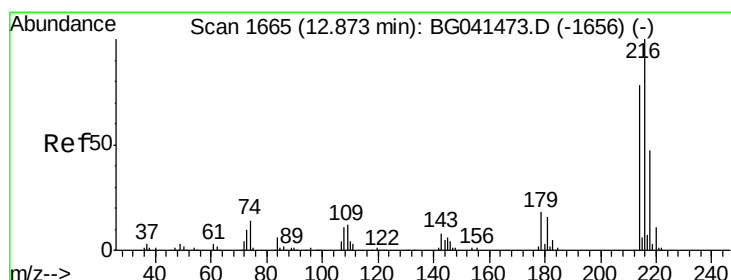
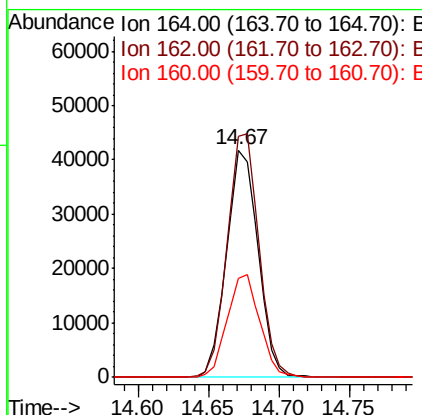
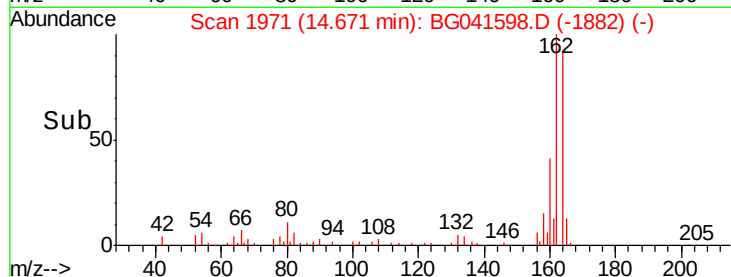
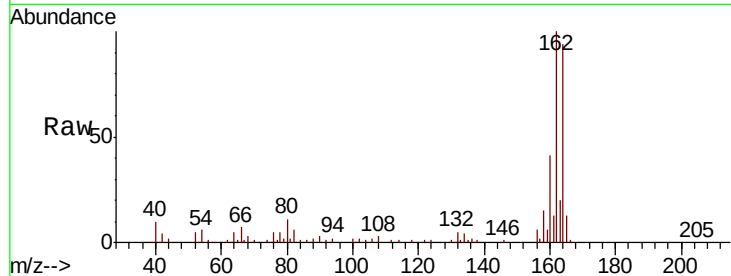
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.4	126.6
160	43.6	38.8	58.2

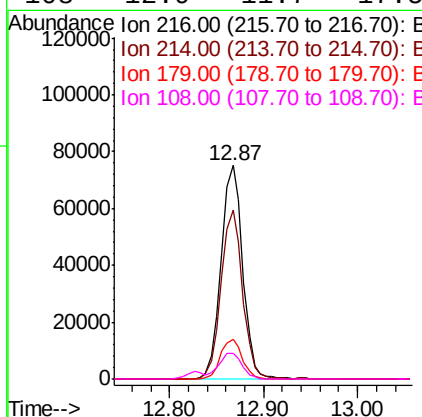
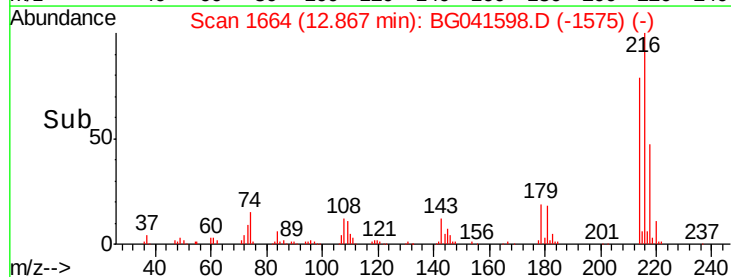
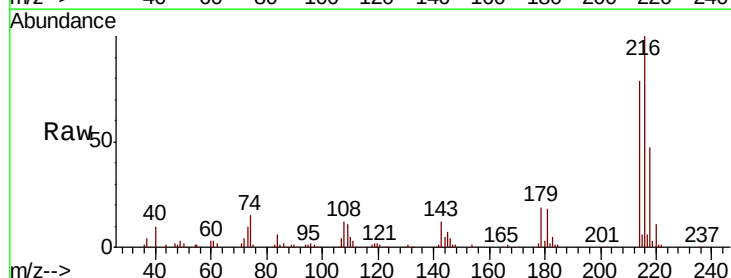
Manual Integrations
APPROVED

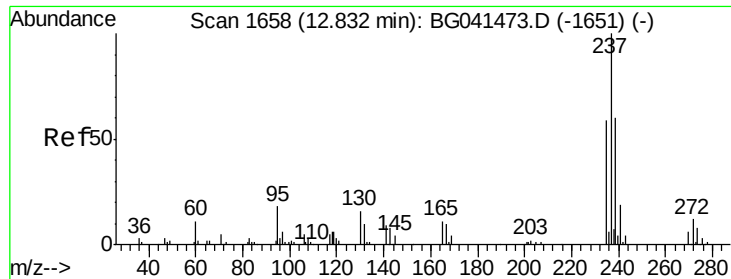
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.306 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	18.7	15.1	22.7
108	12.9	11.7	17.5





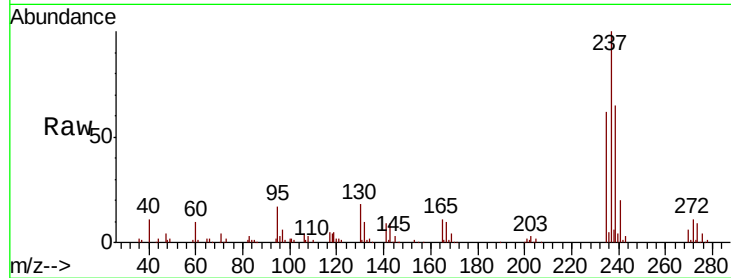
#41
Hexachlorocyclopentadiene
Concen: 74.096 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.2	39.1	79.1
272	10.9	0.0	31.5

Manual Integrations
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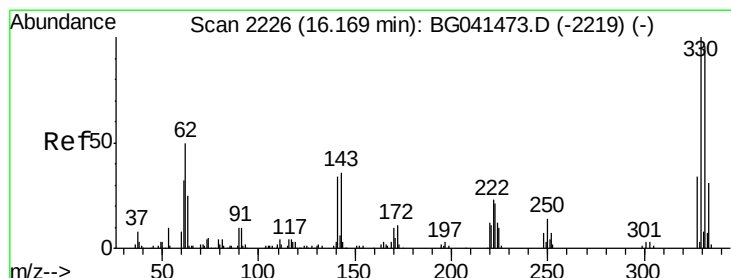
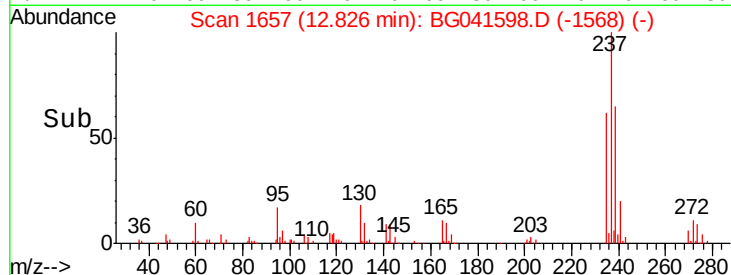
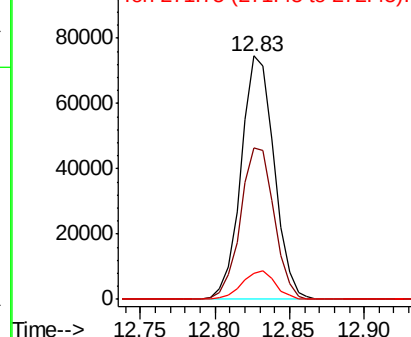


Abundance

Ion 236.80 (236.50 to 237.50): E

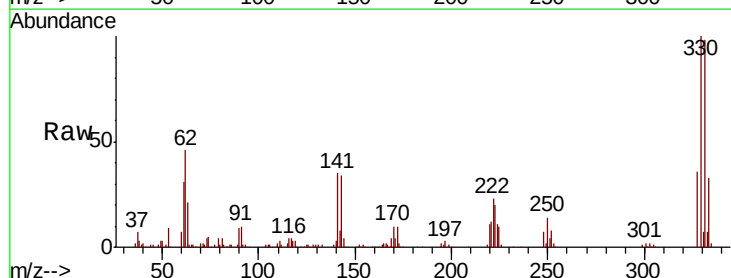
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 143.276 ng
RT: 16.17 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	75.5	113.3
141	34.1	27.8	41.6

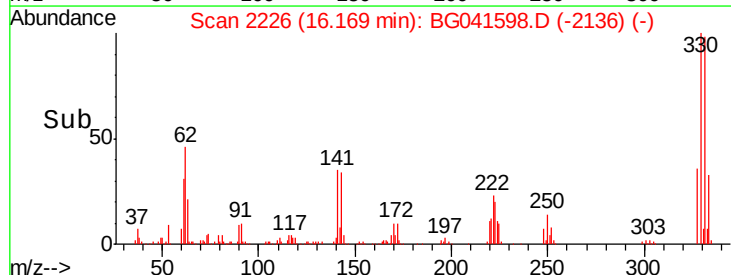
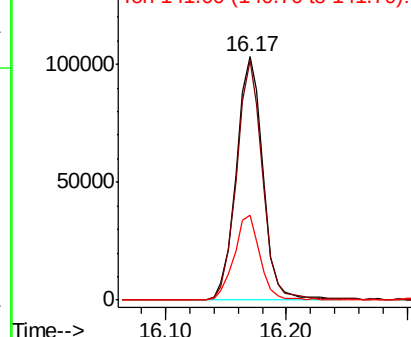


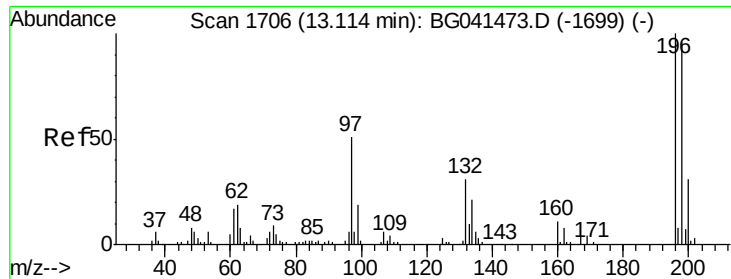
Abundance

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





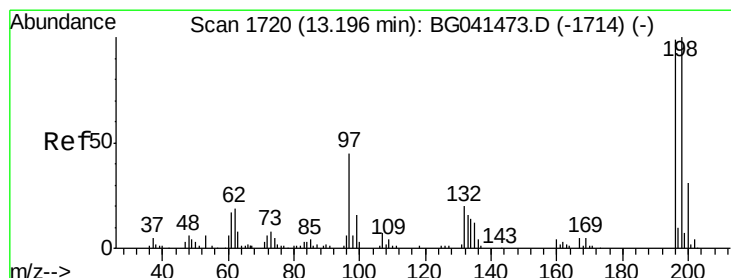
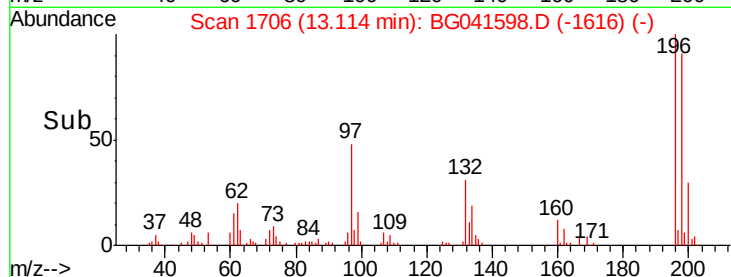
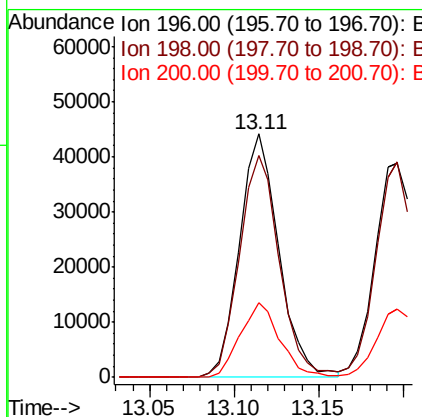
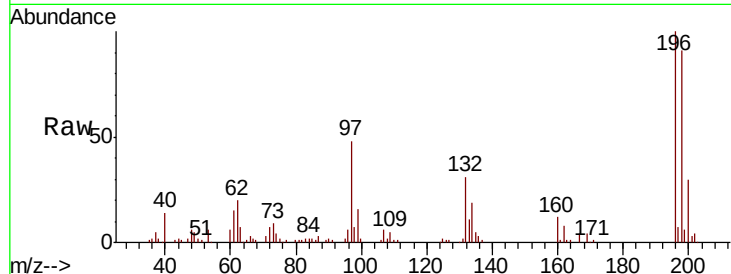
#43
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	71593		
198	91.1	76.7	115.1	
200	30.5	24.4	36.6	

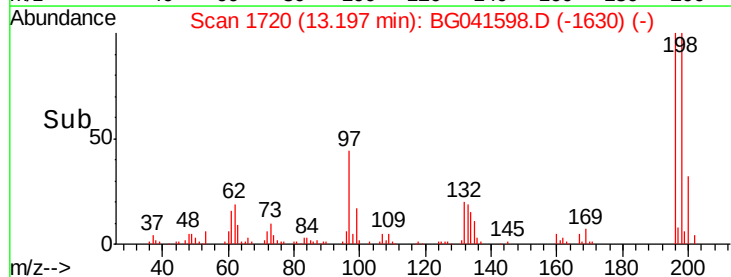
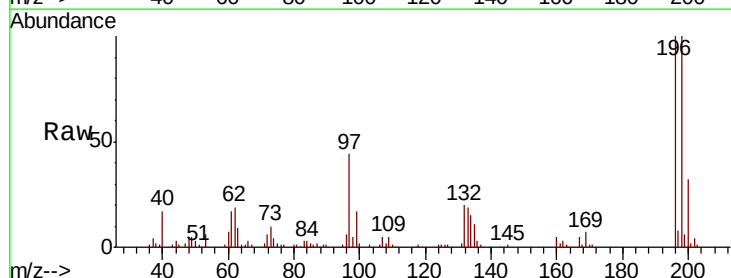
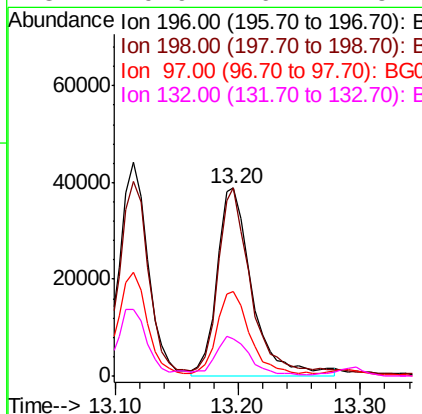
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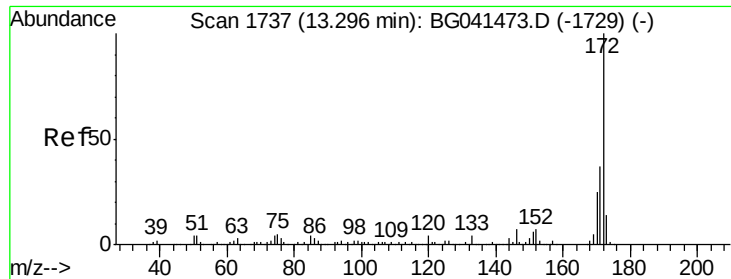
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.020 ng m
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	77699		
198	100.4	80.5	120.7	
97	44.6	36.5	54.7	
132	19.9	16.7	25.1	





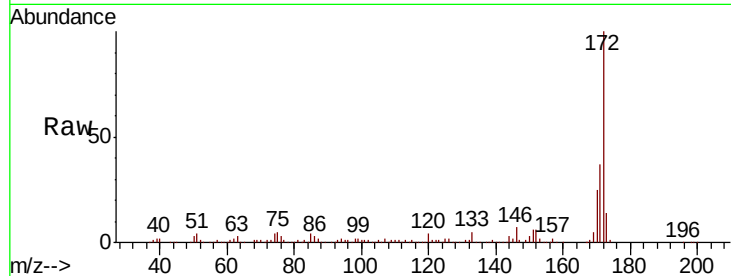
#45
2-Fluorobiphenyl
Concen: 89.510 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	25.0	20.0	30.0

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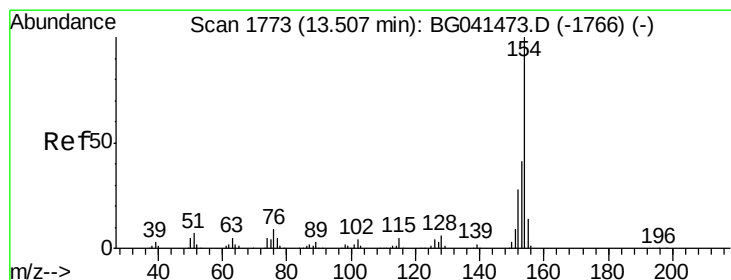
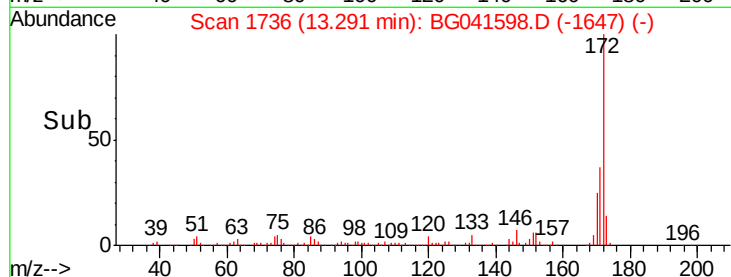
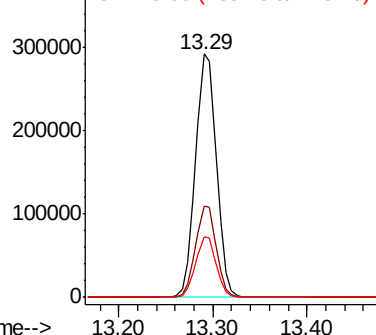


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.891 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

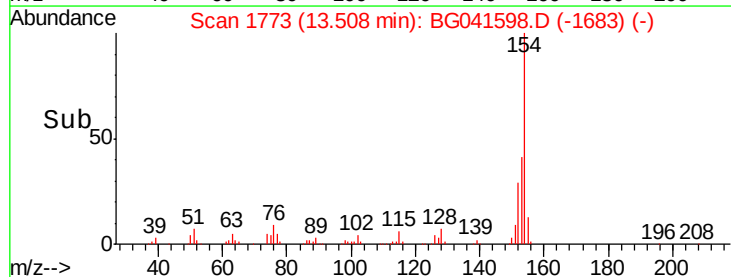
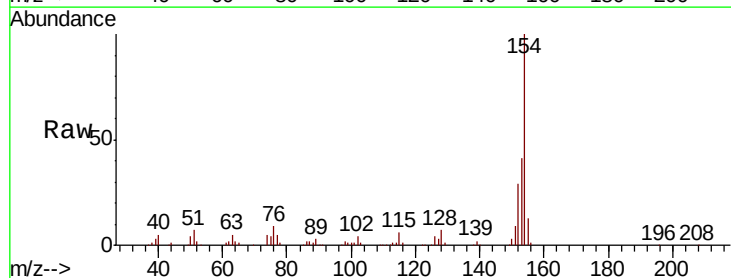
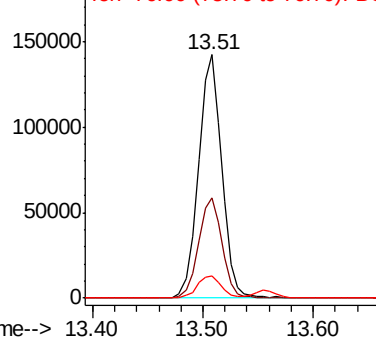
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	9.3	0.0	29.4

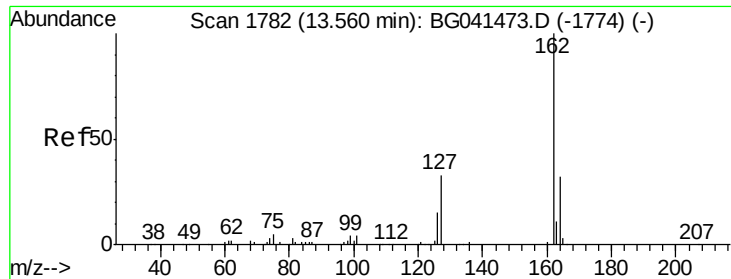
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 39.509 ng

RT: 13.55 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

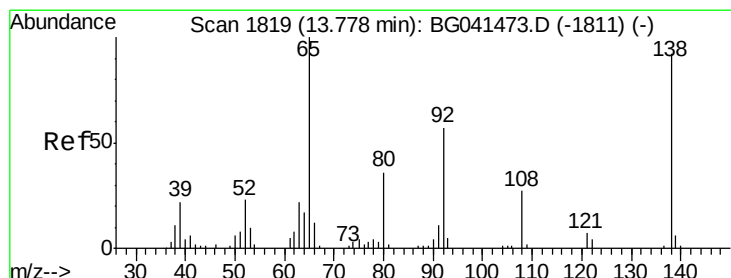
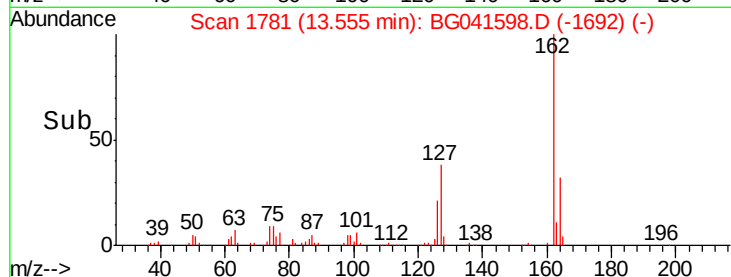
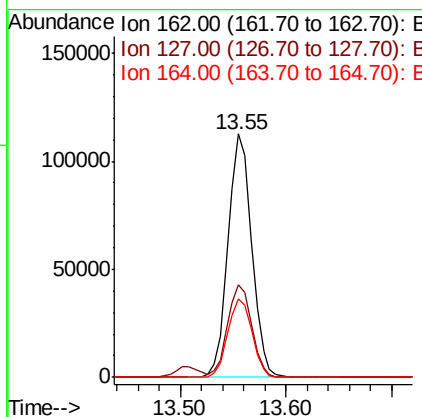
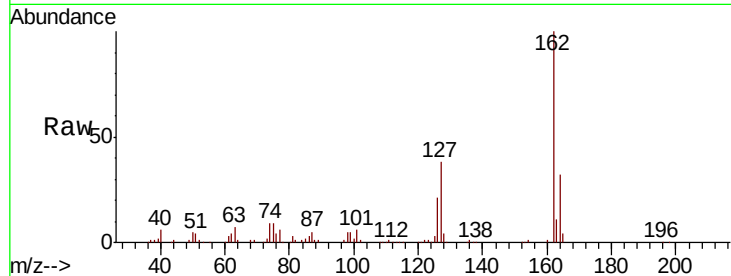
ClientSampleId :

HD-01-070219MSD

Tot Ion:	162	Resp:	173691
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.0	45.0
164	32.3	25.8	38.6

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#48

2-Nitroaniline

Concen: 38.075 ng

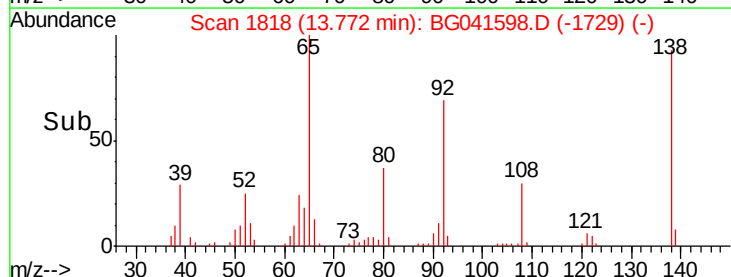
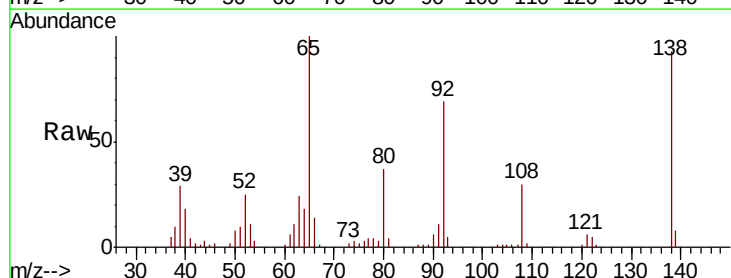
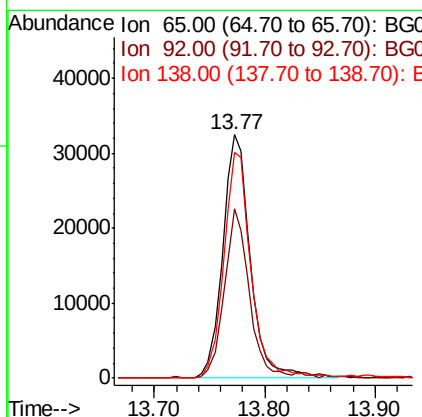
RT: 13.77 min Scan# 1818

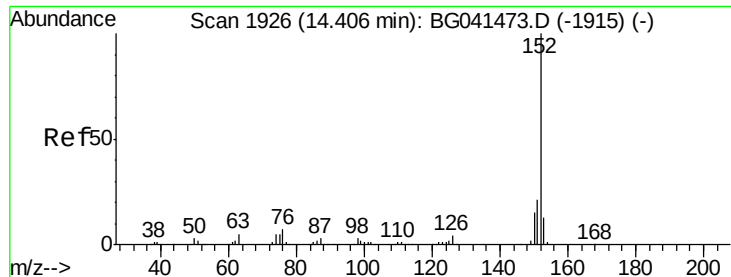
Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	65	Resp:	56742
Ion Ratio	Lower	Upper	
65	100		
92	69.4	45.9	68.9#
138	92.9	73.4	110.2





#49

Acenaphthylene

Concen: 42.008 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

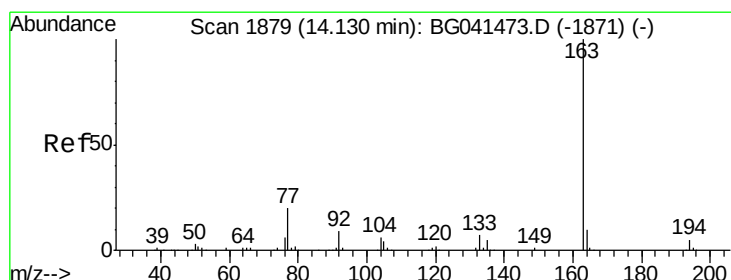
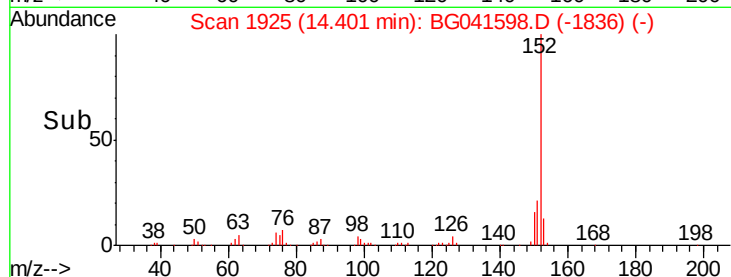
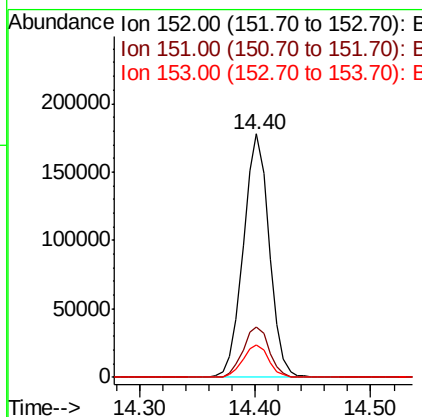
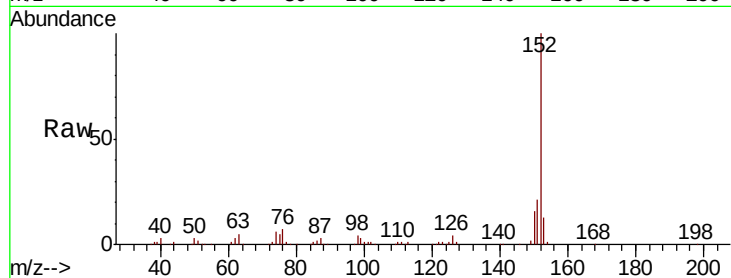
ClientSampleId :

HD-01-070219MSD

Tot Ion:	152	Resp:	276041
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.7	25.1
153	13.3	10.8	16.2

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#50

Dimethylphthalate

Concen: 40.610 ng

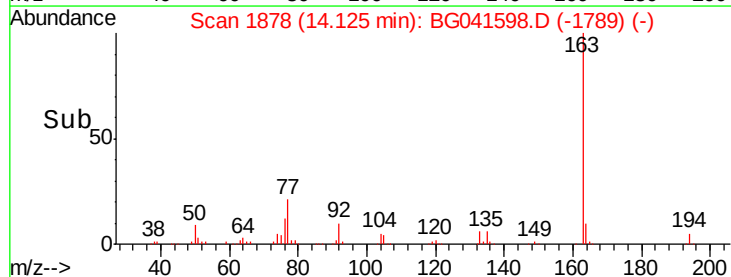
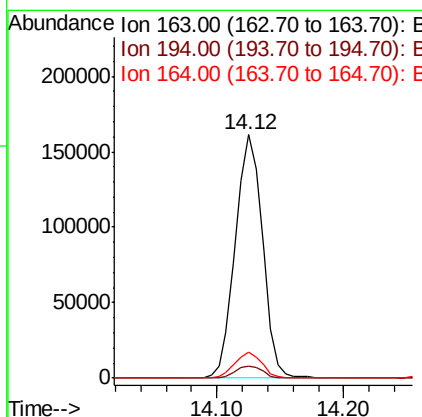
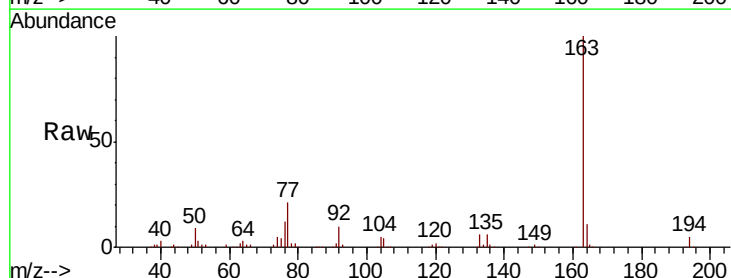
RT: 14.12 min Scan# 1878

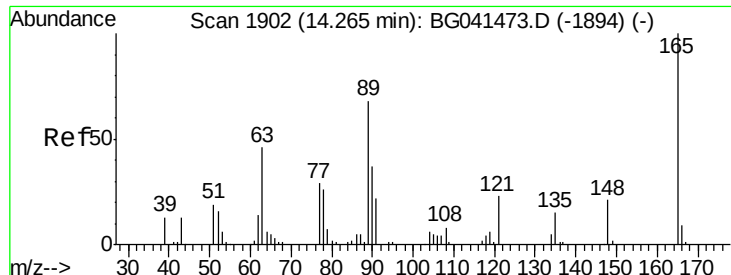
Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	163	Resp:	239727
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.7	5.5
164	10.6	7.8	11.6





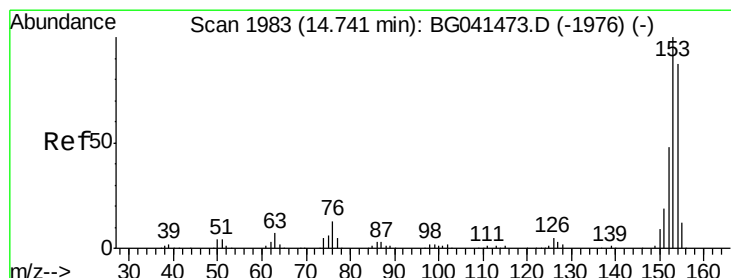
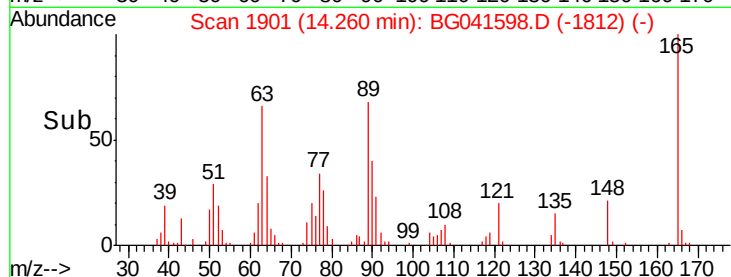
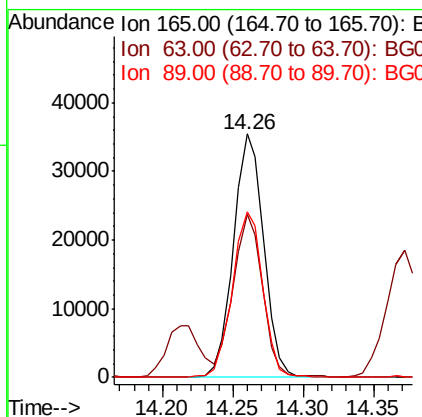
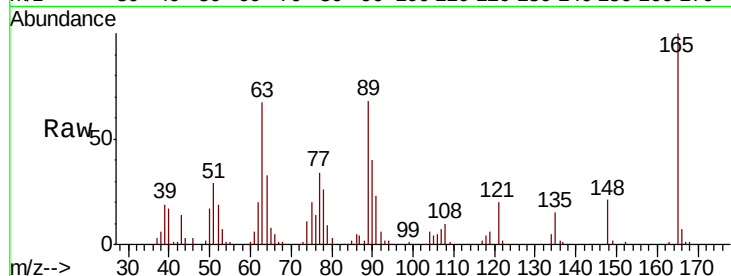
#51
 2,6-Dinitrotoluene
 Concen: 42.212 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.7	56.4	84.6
89	67.9	54.6	81.8

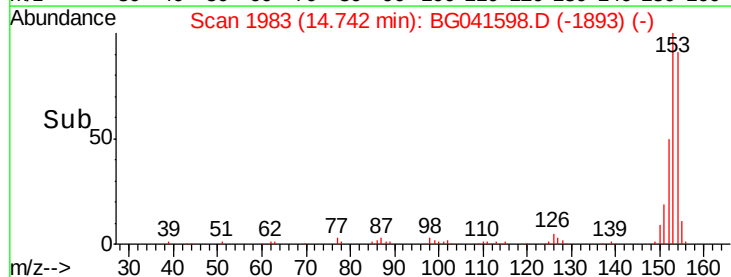
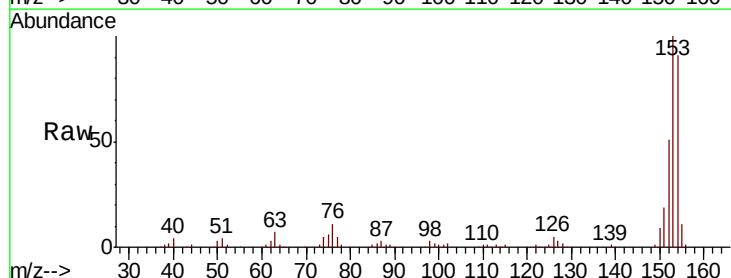
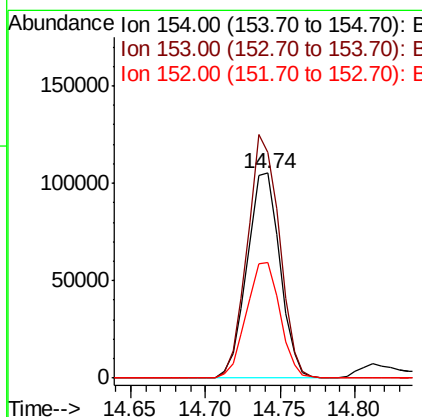
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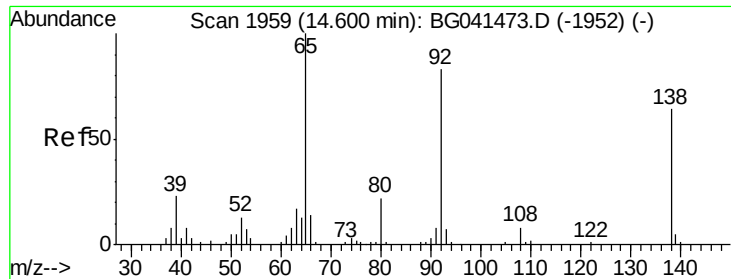
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#52
 Acenaphthene
 Concen: 41.261 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	92.2	138.4
152	56.3	44.1	66.1





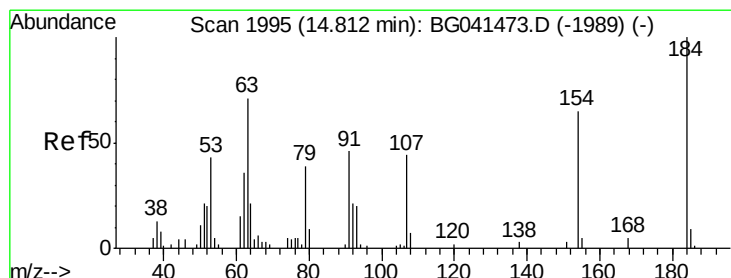
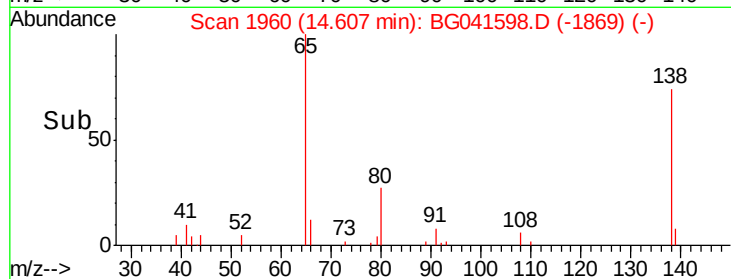
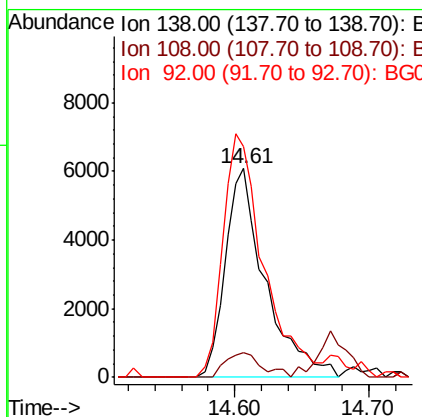
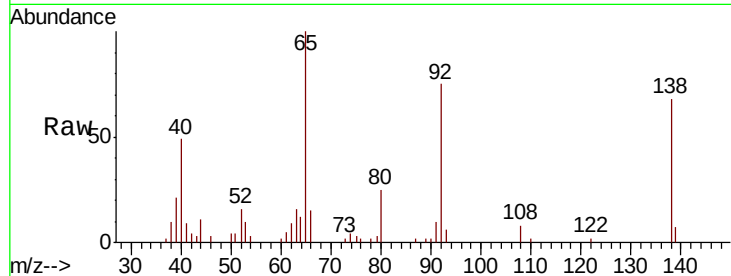
#53
3-Nitroaniline
Concen: 10.628 ng
RT: 14.61 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.5	14.3
92	110.6	103.3	154.9

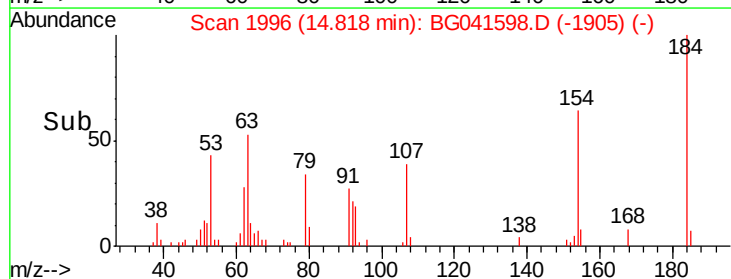
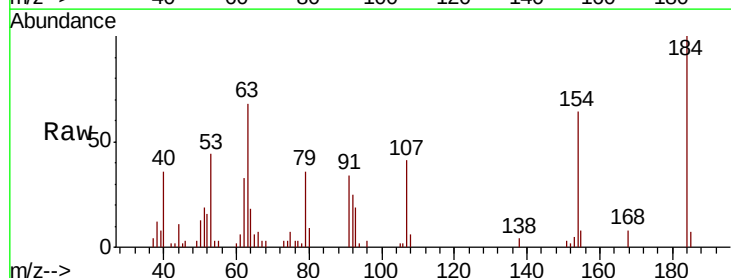
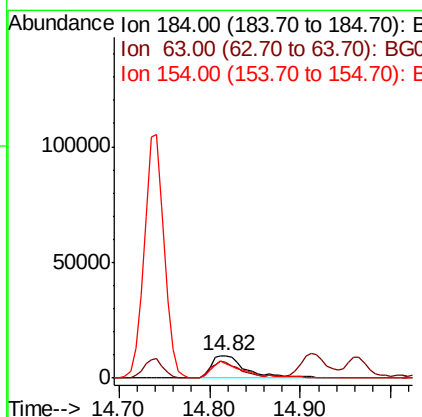
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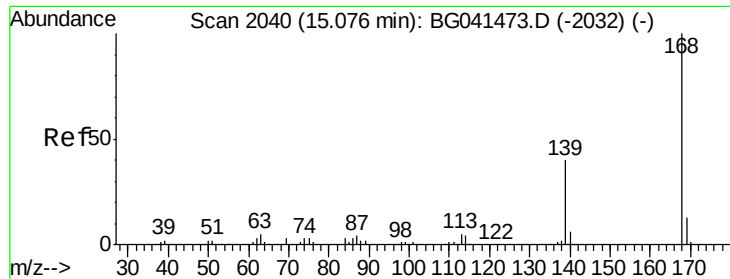
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#54
2,4-Dinitrophenol
Concen: 36.327 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.9	56.5	84.7
154	64.0	54.2	81.4





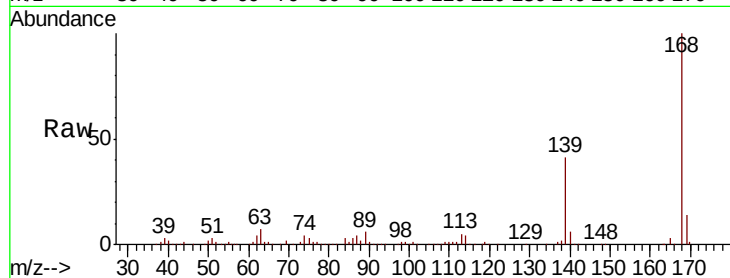
#55
Dibenzenofuran
Concen: 43.028 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	291891		
139	40.9	32.2	48.4	
169	13.5	10.6	16.0	

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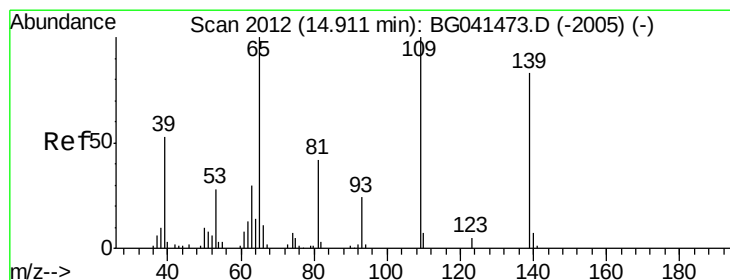
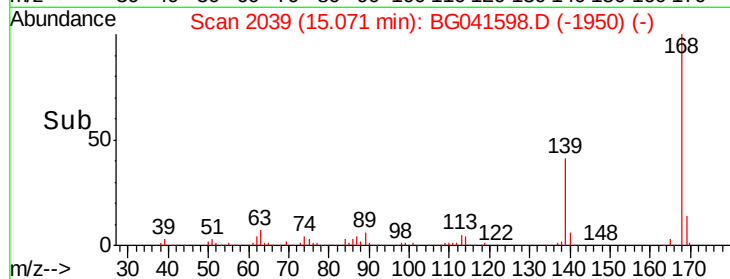
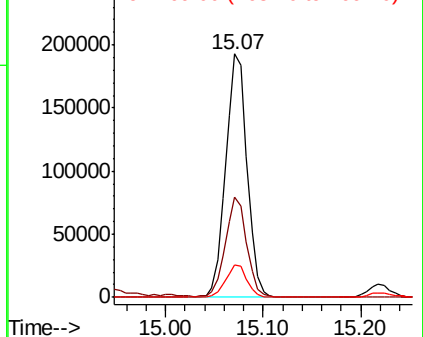


Abundance

Ion 168.00 (167.70 to 168.70): E

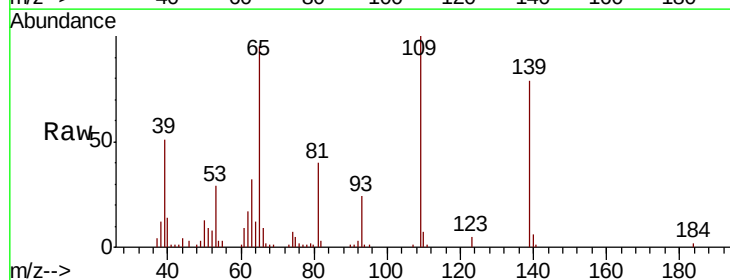
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 76.890 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	59345		
109	126.9	99.9	139.9	
65	120.9	100.6	140.6	

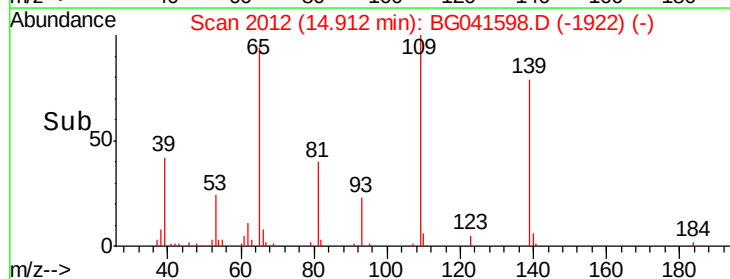
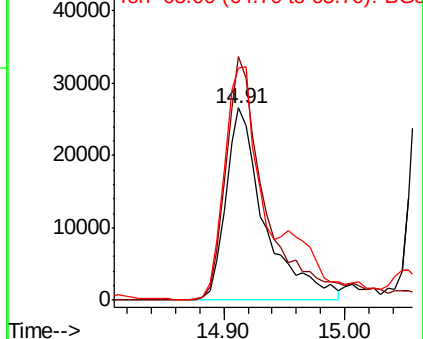


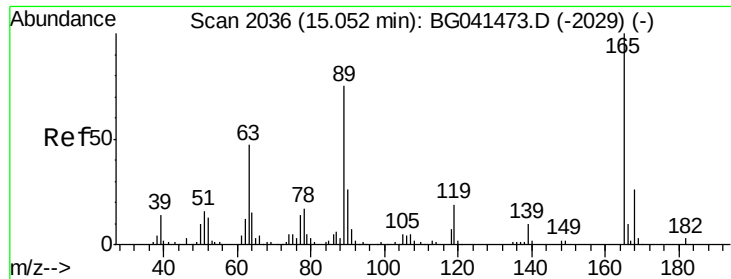
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





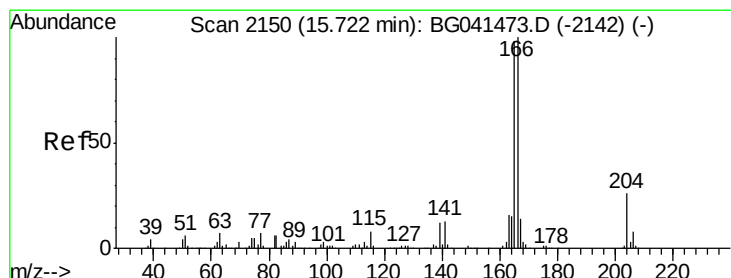
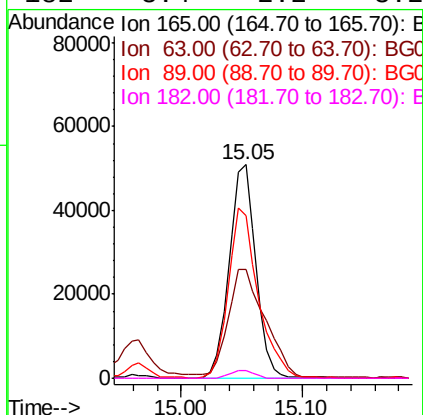
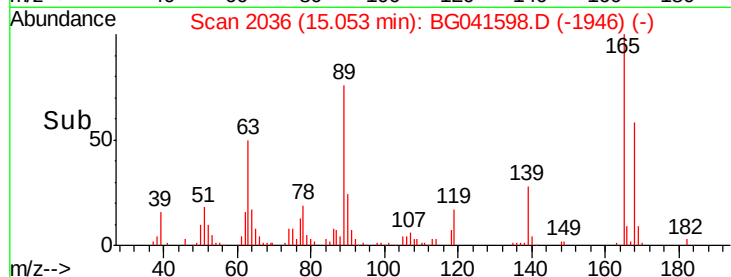
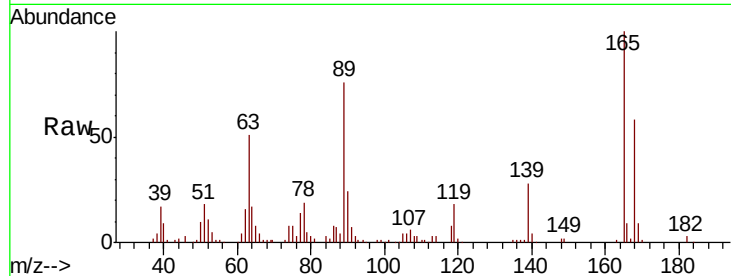
#57
2,4-Dinitrotoluene
Concen: 42.928 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	38.8	58.2
89	75.8	60.1	90.1
182	3.4	2.2	3.2

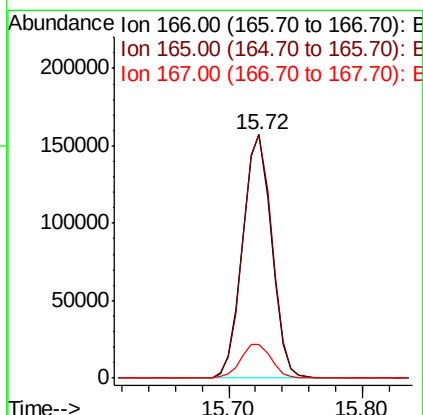
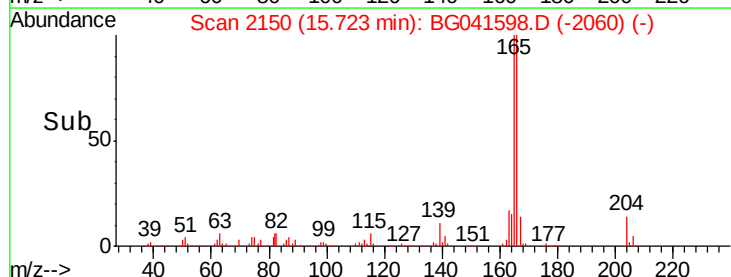
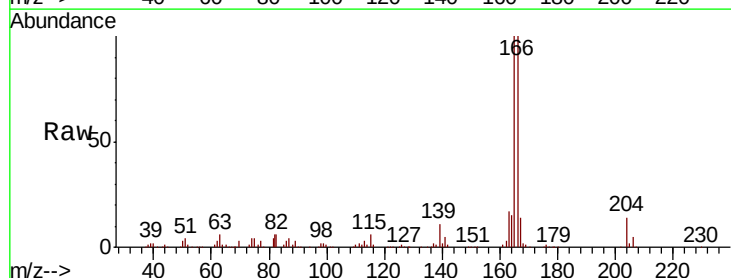
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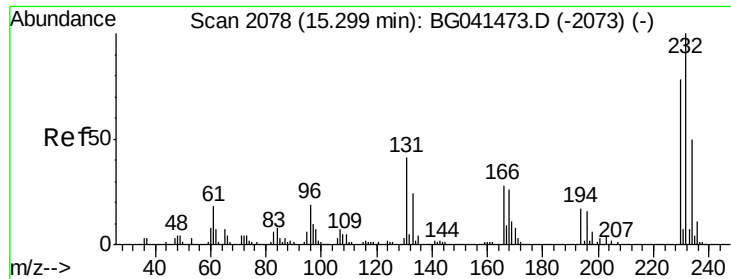
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#58
Fluorene
Concen: 43.508 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	14.1	11.4	17.0





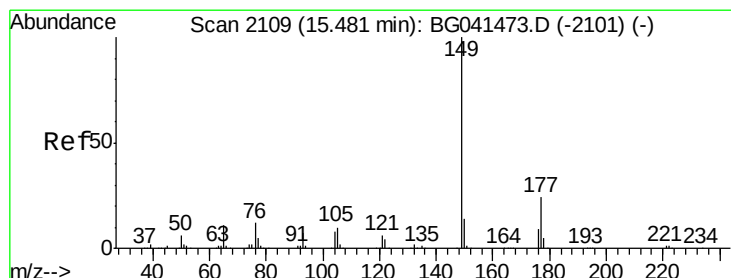
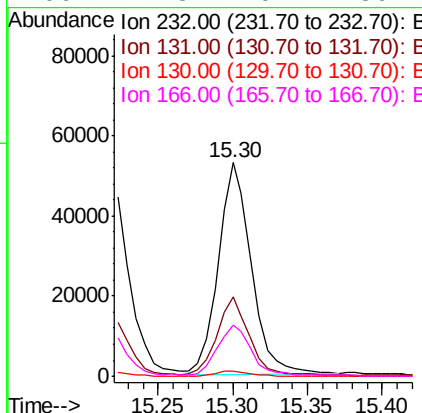
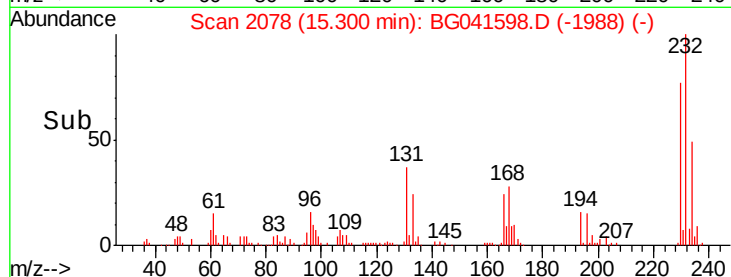
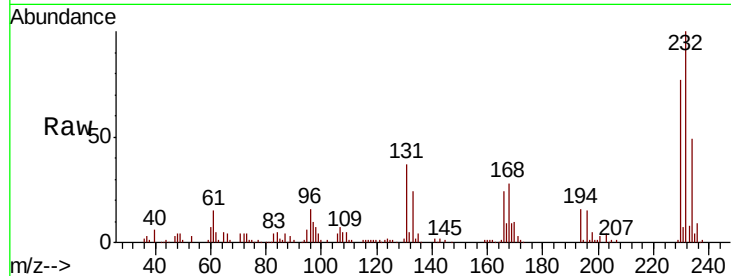
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.817 ng
RT: 15.30 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.9	29.8	44.6
130	2.6	2.0	3.0
166	24.3	20.2	30.2

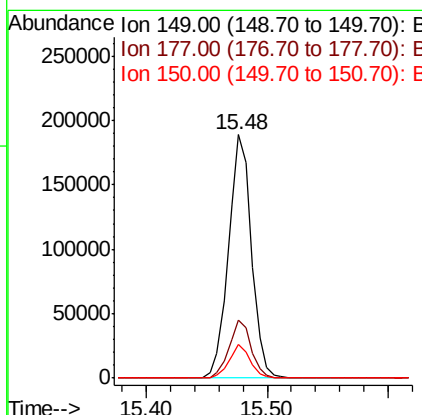
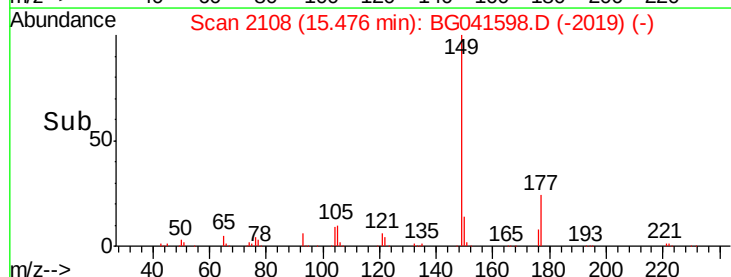
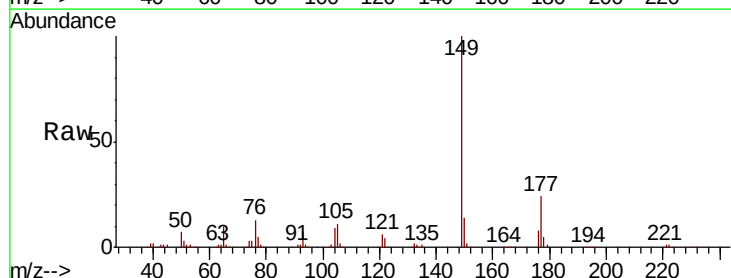
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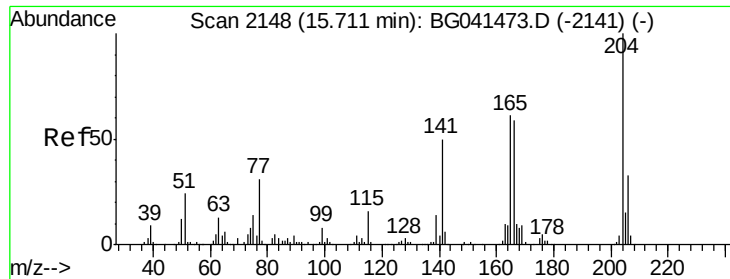
mohammad
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#60
Diethylphthalate
Concen: 41.147 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.2	28.8
150	13.7	11.2	16.8





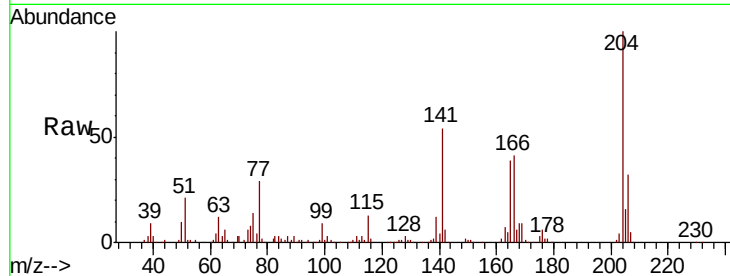
#61
4-Chlorophenyl-phenylether
Concen: 42.926 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	40.0
141	54.1	40.1	60.1

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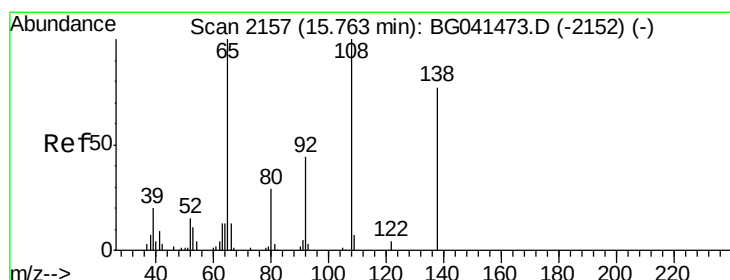
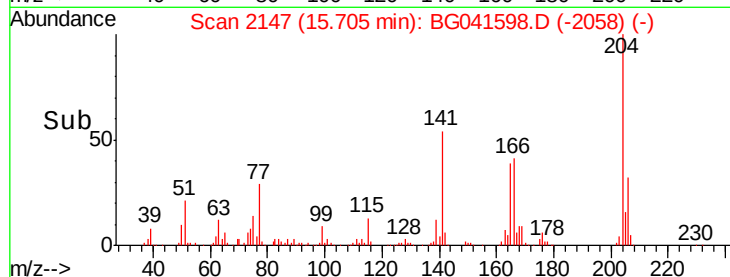
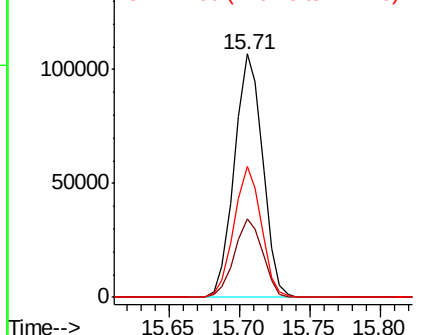


Abundance

Ion 204.00 (203.70 to 204.70): E

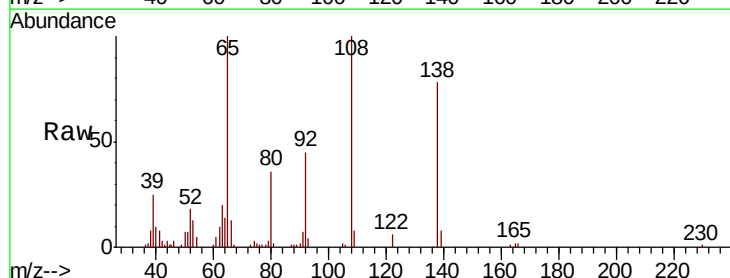
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.549 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.5	34.9	74.9
108	127.7	105.5	145.5

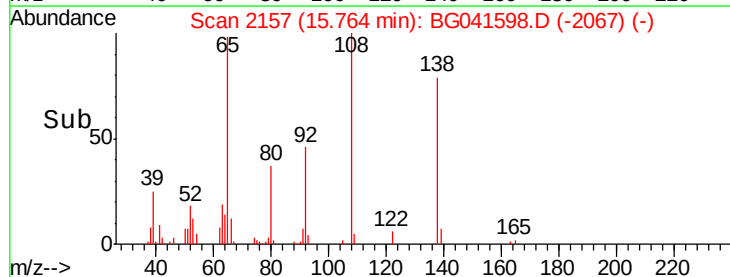
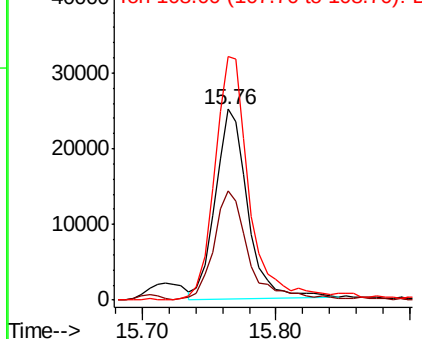


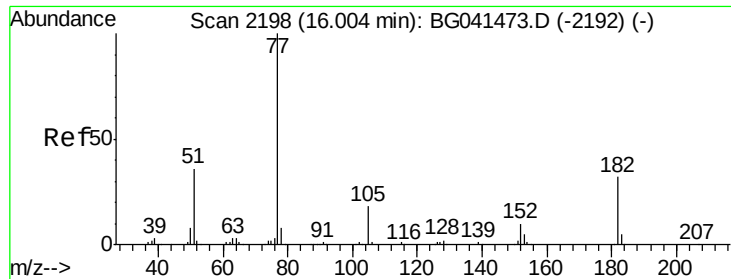
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





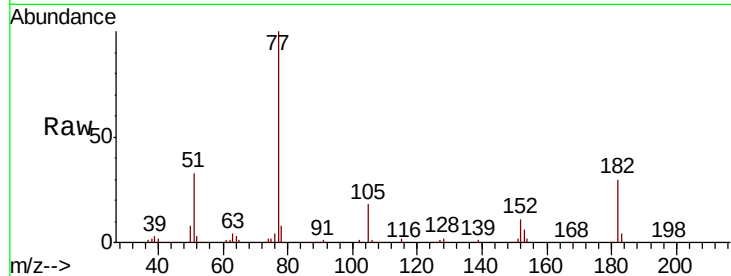
#63
Azobenzene
Concen: 41.863 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.0	12.2	52.2
105	17.8	0.0	38.1
51	33.2	15.9	55.9

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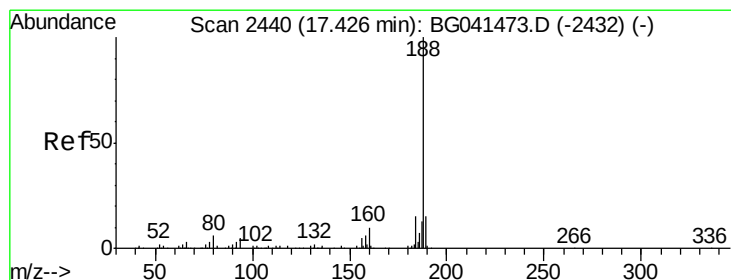
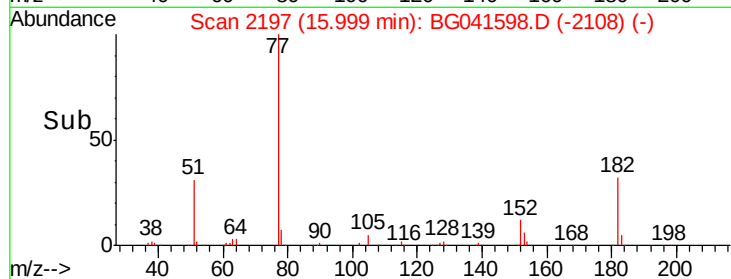
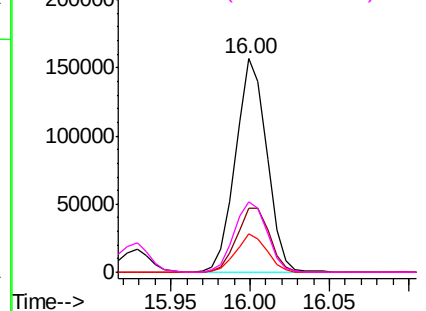
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

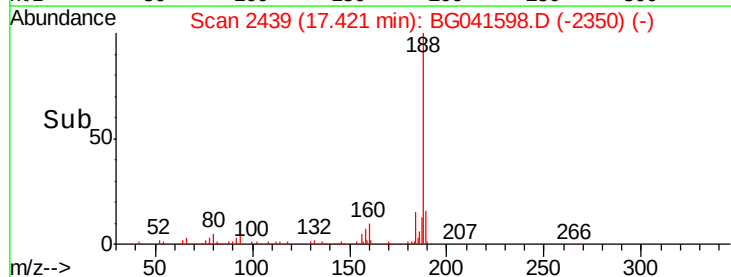
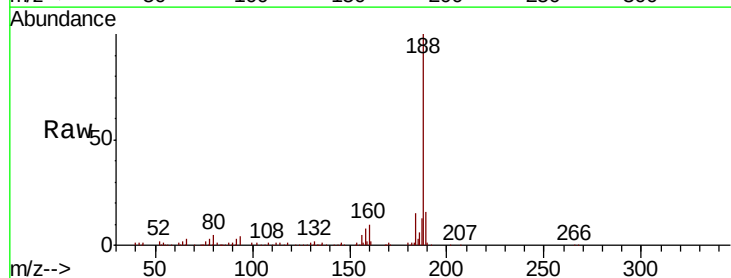
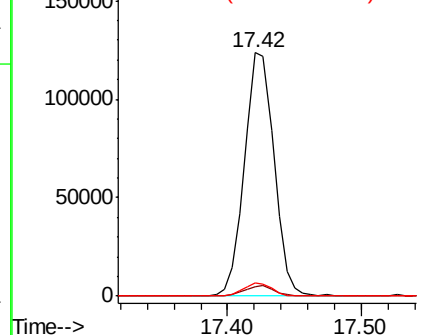
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.8	5.8
80	5.2	4.8	7.2

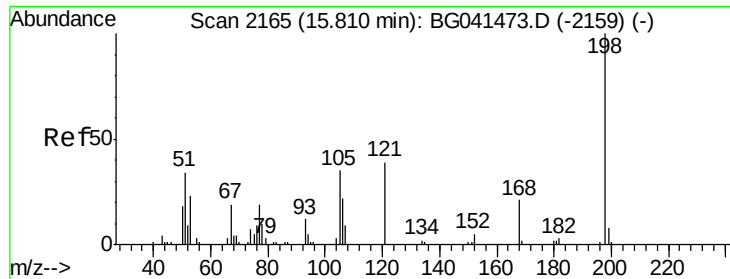
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





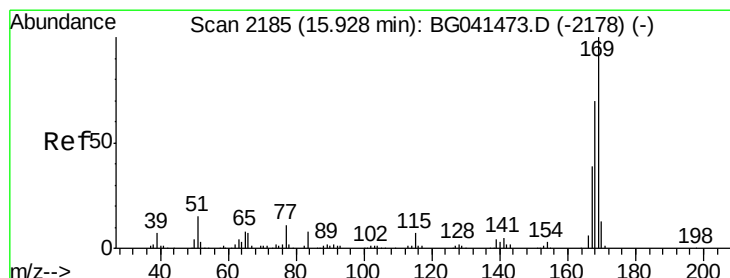
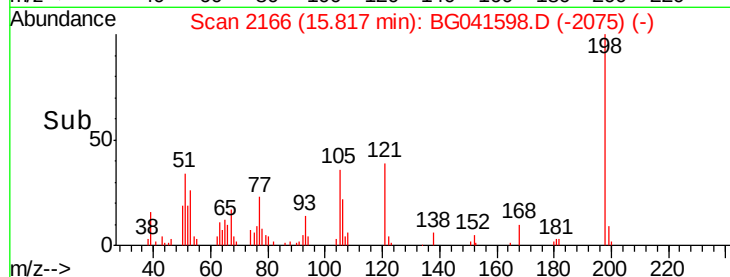
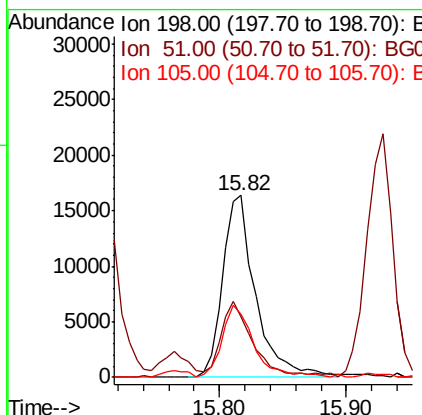
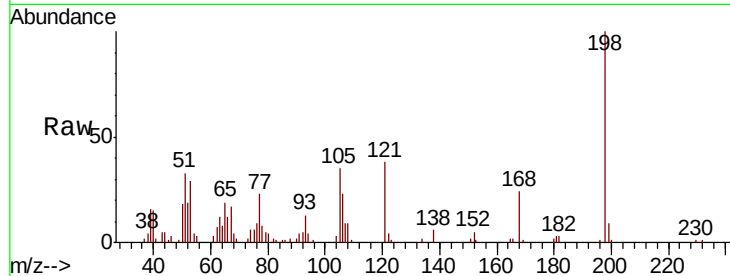
#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.087 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.2	19.0	59.0
105	35.0	16.1	56.1

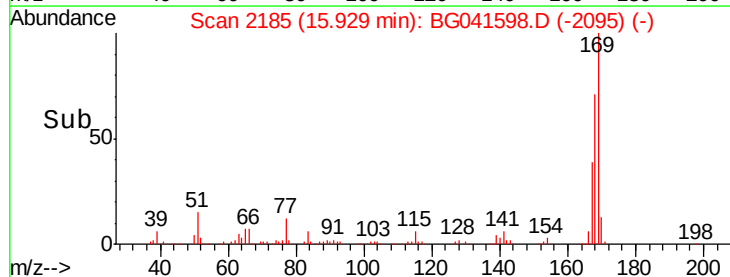
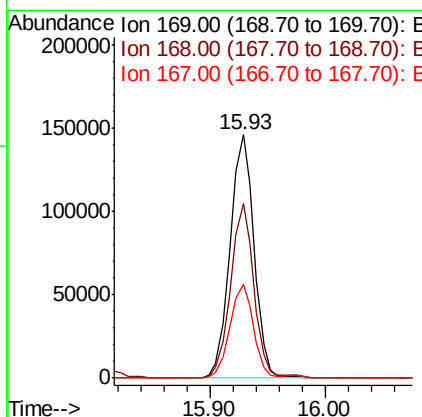
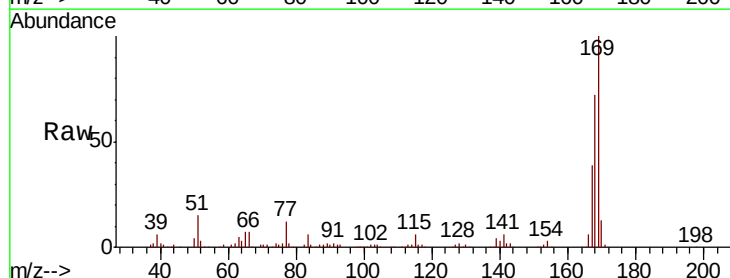
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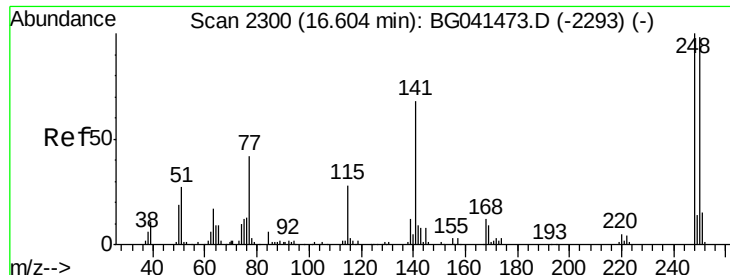
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#66
 n-Nitrosodiphenylamine
 Concen: 40.029 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	56.2	84.4
167	38.6	31.0	46.6





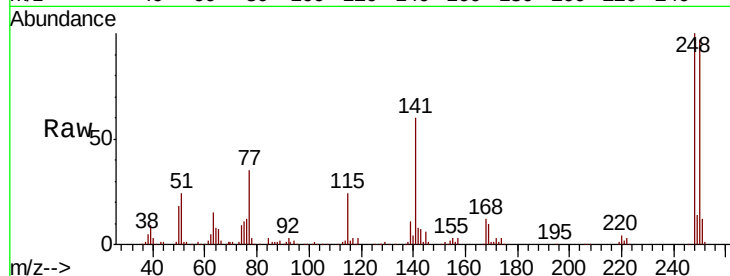
#67
4-Bromophenyl-phenylether
Concen: 40.183 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.1	117.1
141	59.5	54.1	81.1

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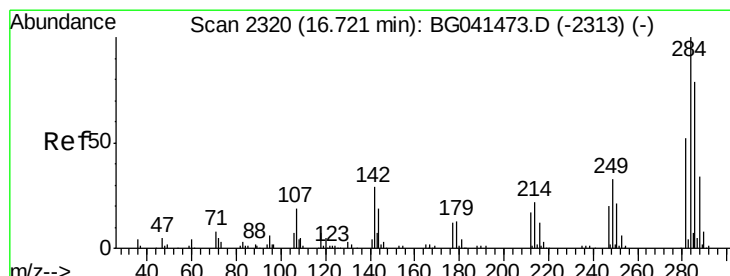
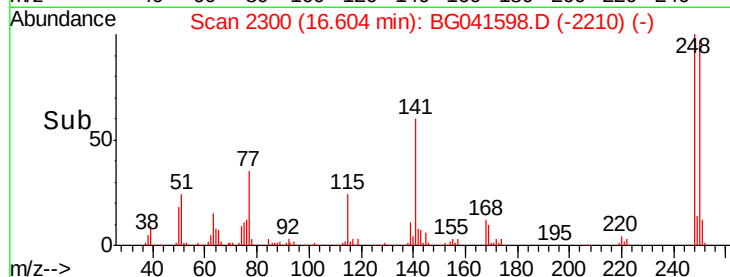
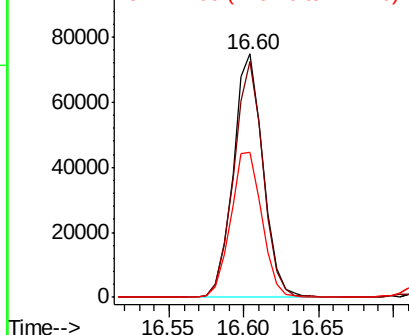


Abundance

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: 38.832 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

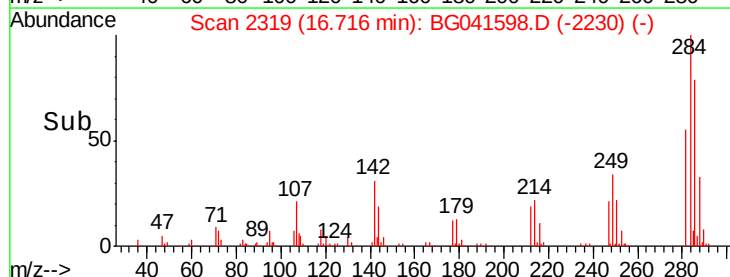
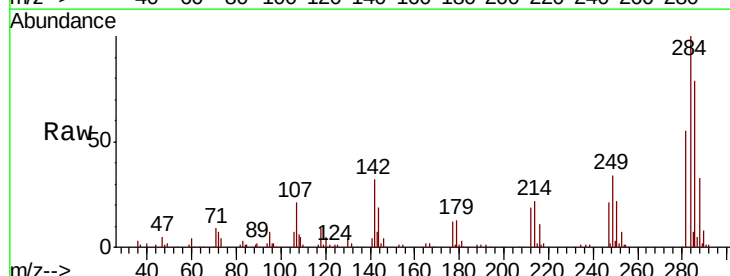
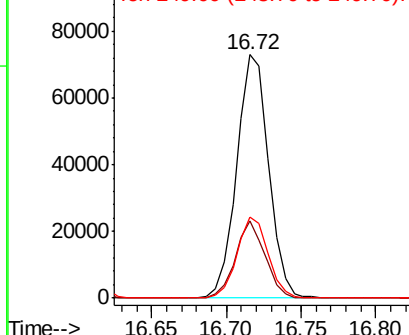
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.9	34.3
249	33.5	26.1	39.1

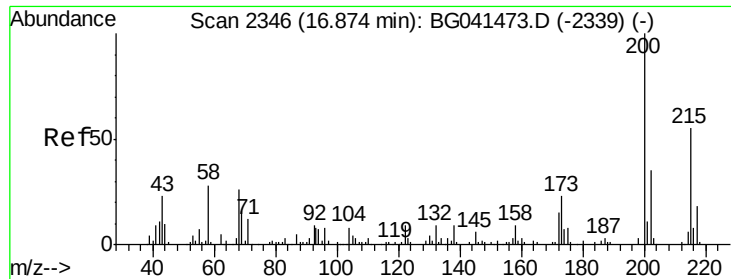
Abundance

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





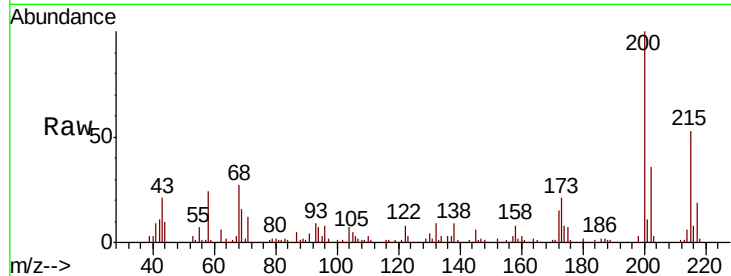
#69
 Atrazine
 Concen: 42.273 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.2	3.1	43.1
215	53.2	34.7	74.7

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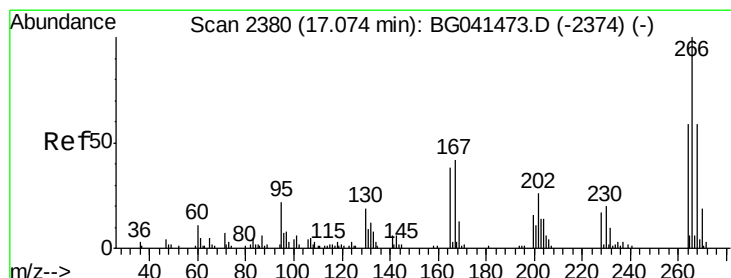
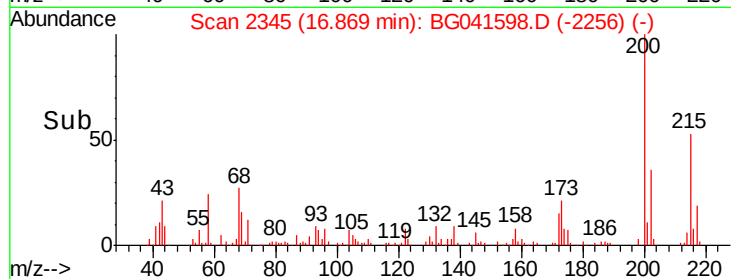
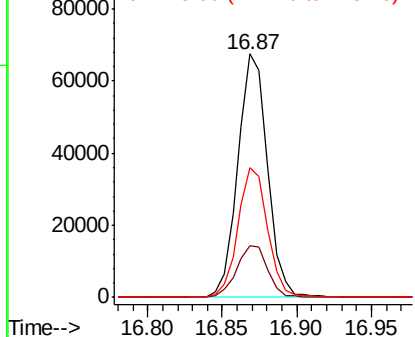


Abundance

Ion 200.00 (199.70 to 200.70): E

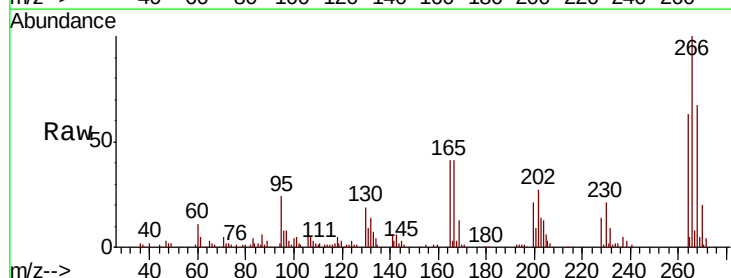
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 78.467 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	47.0	70.4
264	63.5	47.4	71.0

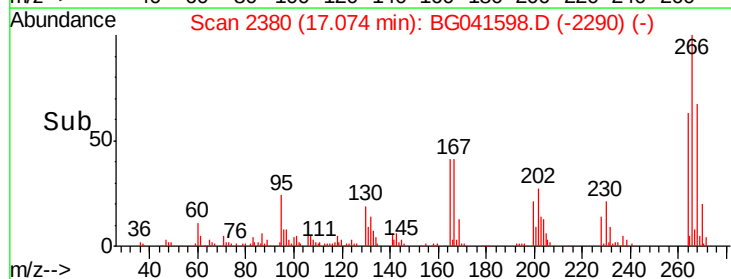
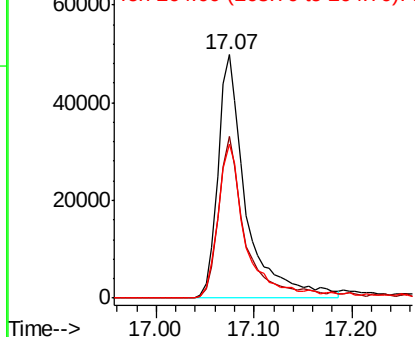


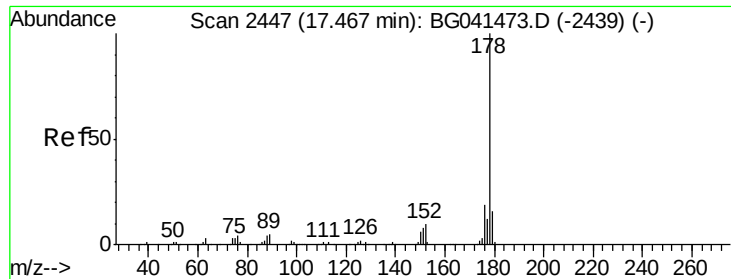
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





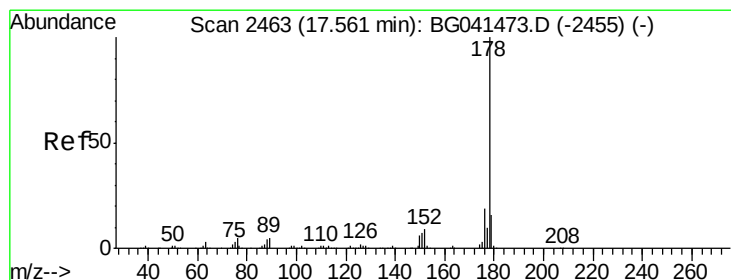
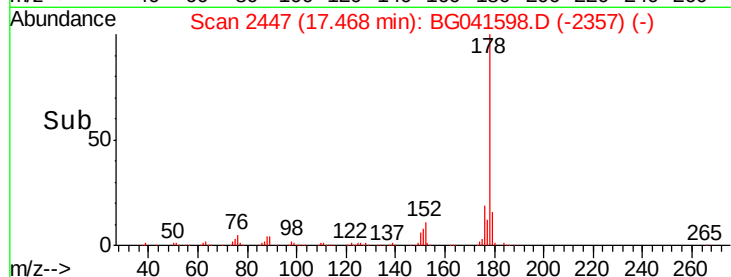
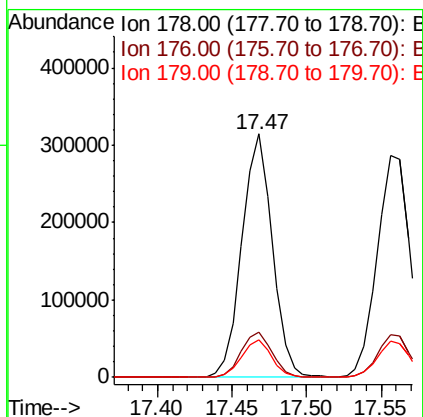
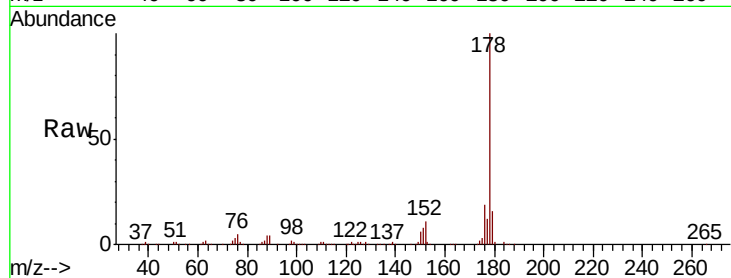
#71
Phenanthrene
Concen: 42.578 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.6	13.0	19.4

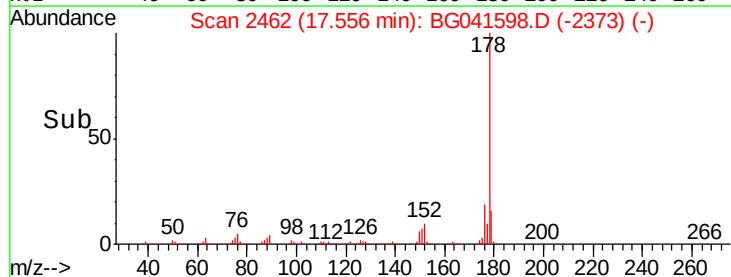
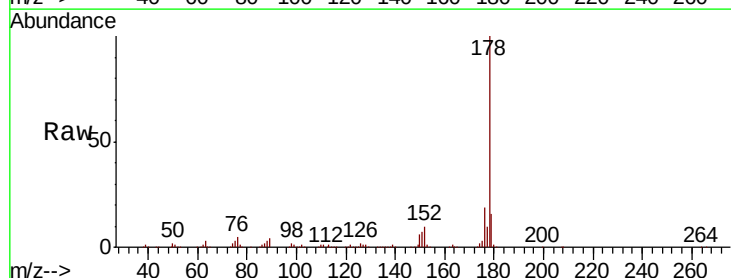
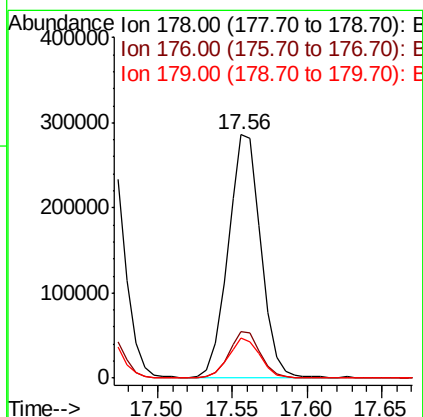
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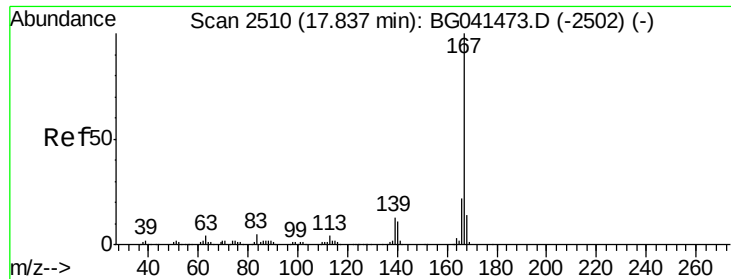
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#72
Anthracene
Concen: 41.608 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	16.3	12.8	19.2





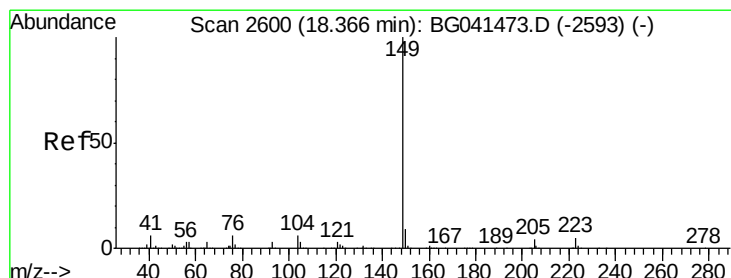
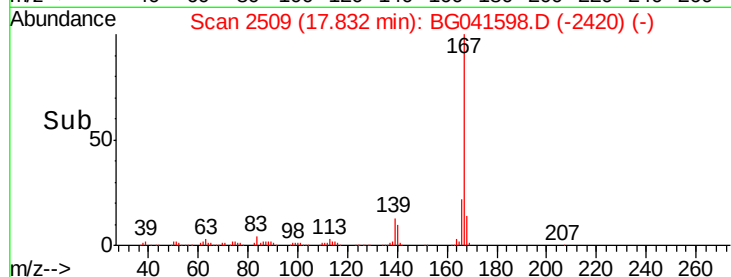
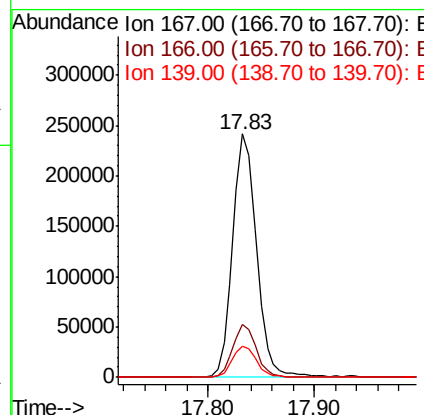
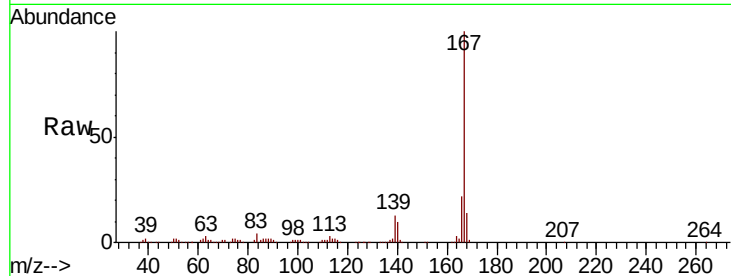
#73
 Carbazole
 Concen: 42.478 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.9	10.8	16.2

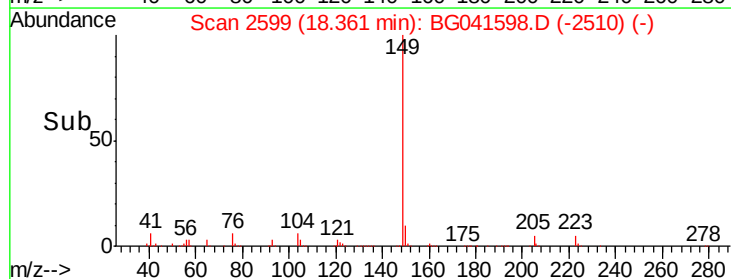
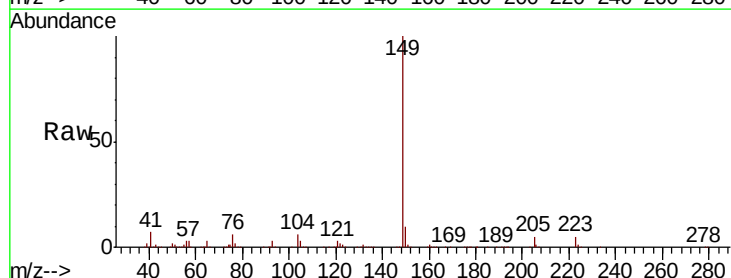
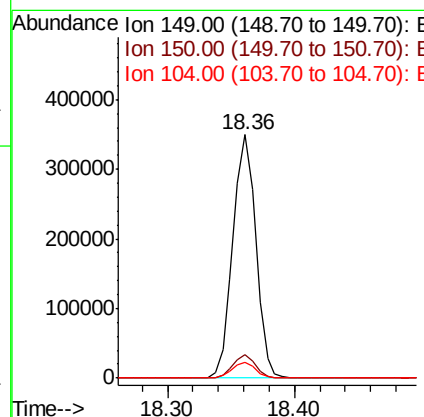
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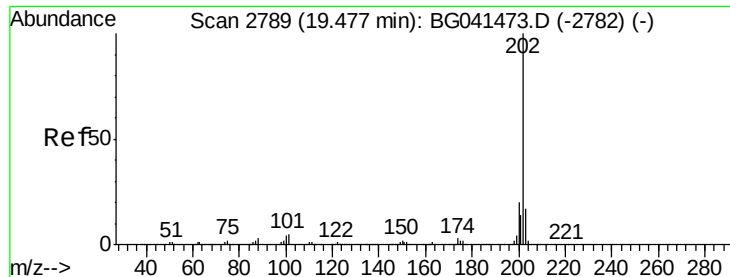
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#74
 Di-n-butylphthalate
 Concen: 39.163 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.5	5.0	7.6





#75

Fluoranthene

Concen: 43.169 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

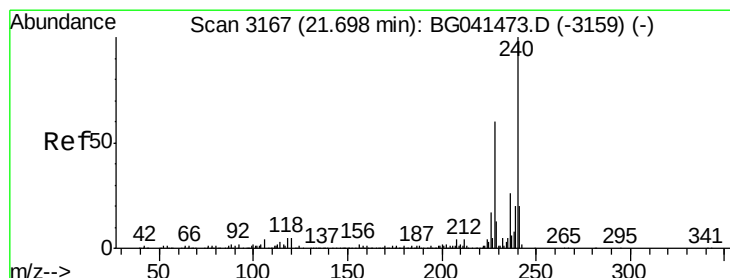
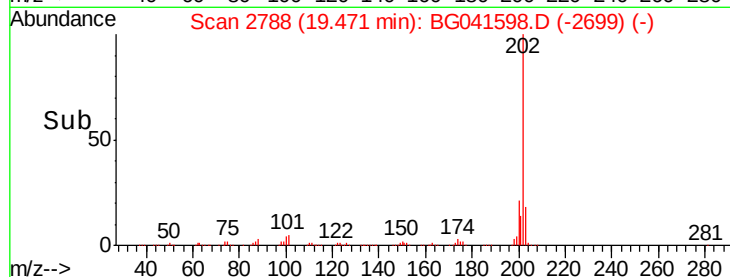
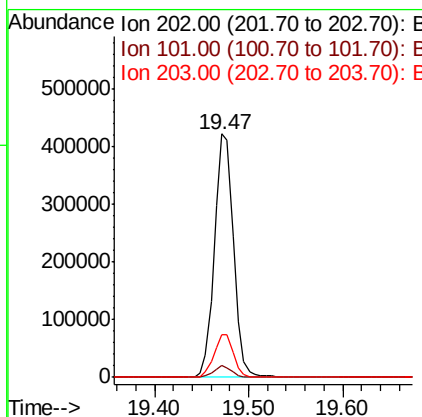
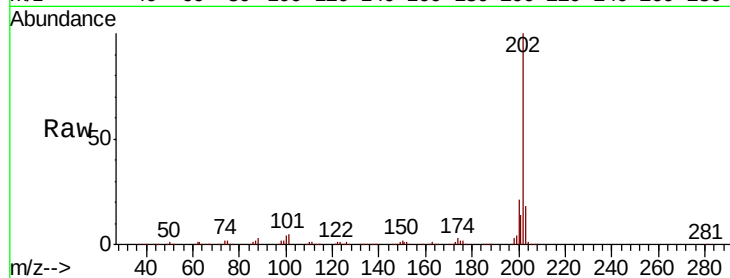
ClientSampleId :

HD-01-070219MSD

Tot Ion:	202	Resp:	600939
Ion Ratio	Lower	Upper	
202	100		
101	4.7	0.0	24.9
203	17.8	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

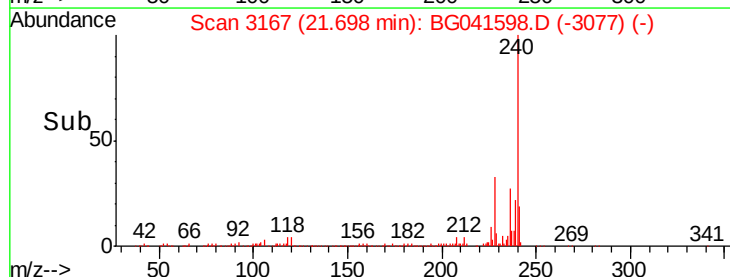
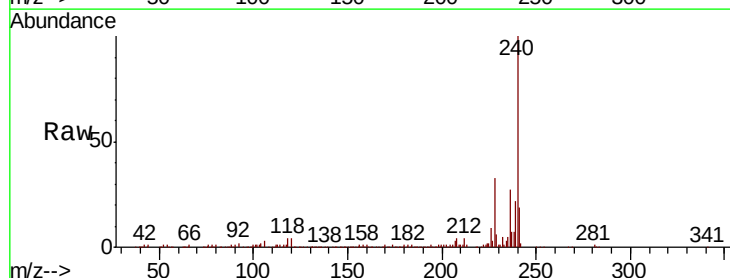
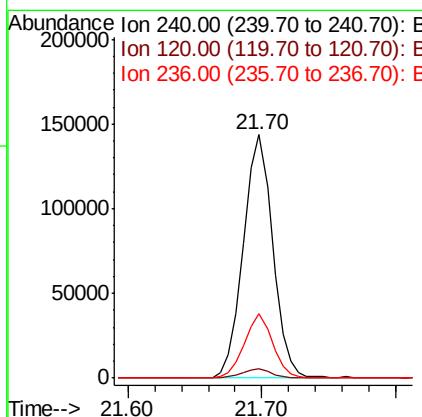
RT: 21.70 min Scan# 3167

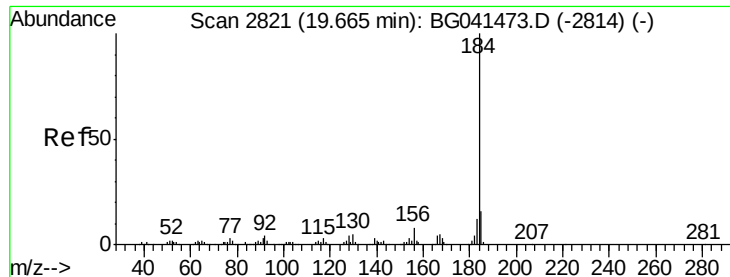
Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Tgt Ion:	240	Resp:	218360
Ion Ratio	Lower	Upper	
240	100		
120	3.8	3.7	5.5
236	26.5	20.8	31.2





#77

Benzidine

Concen: 11.458 ng

RT: 19.67 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

Instrument :

BNA_G

ClientSampleId :

HD-01-070219MSD

Tot Ion:184 Resp: 55512

Ion Ratio Lower Upper

184 100

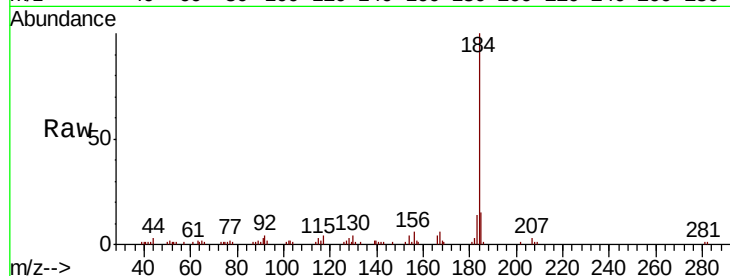
185 15.4 12.7 19.1

183 14.4 9.4 14.2#

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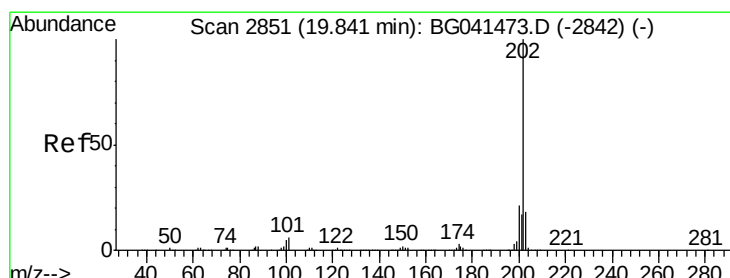
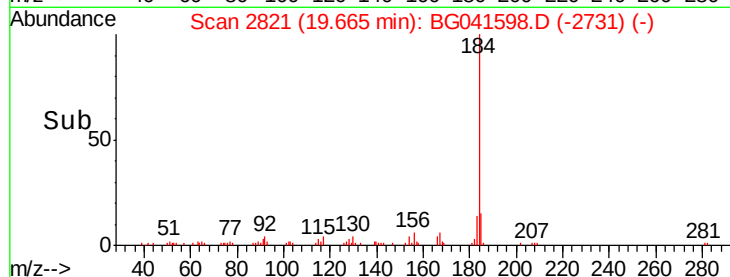
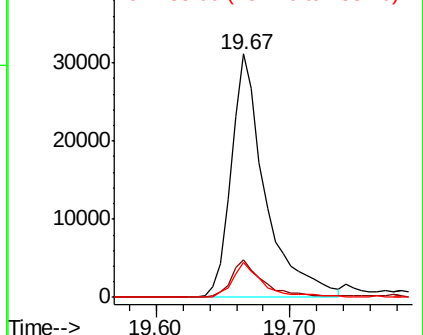
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.257 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG041598.D

Acq: 3 Jul 2019 20:22

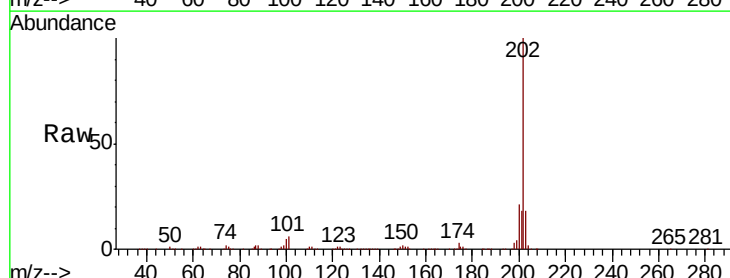
Tgt Ion:202 Resp: 600101

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

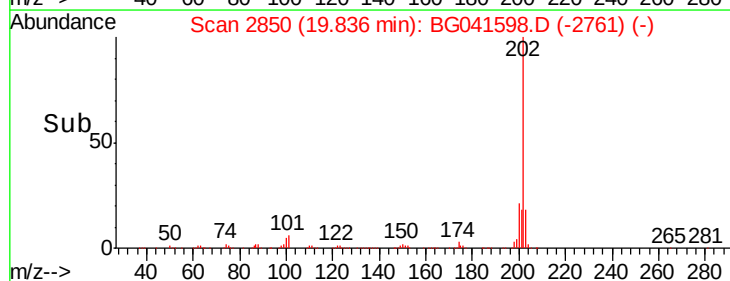
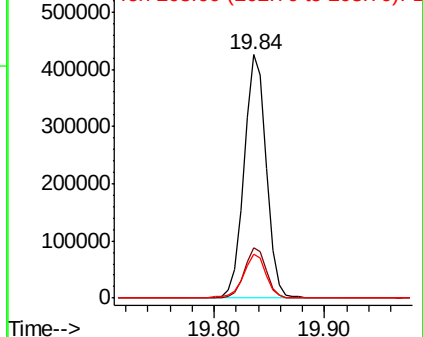
203 18.1 14.2 21.4

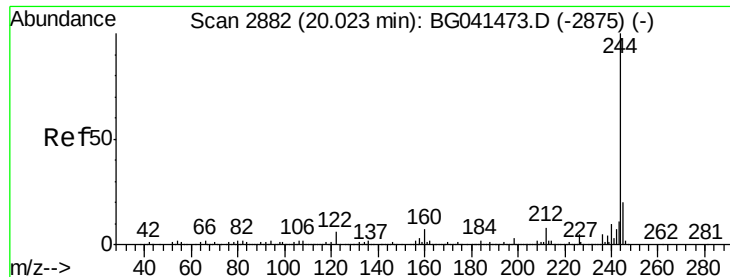


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





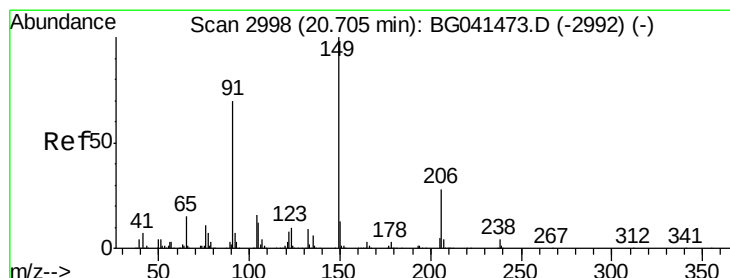
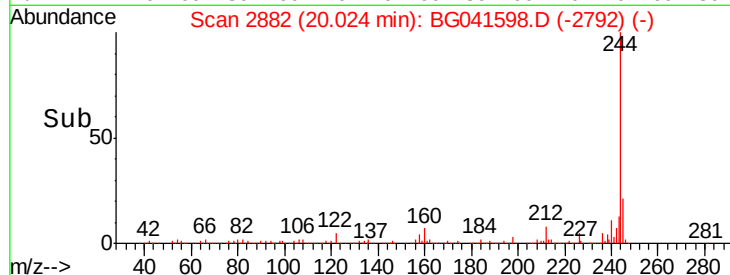
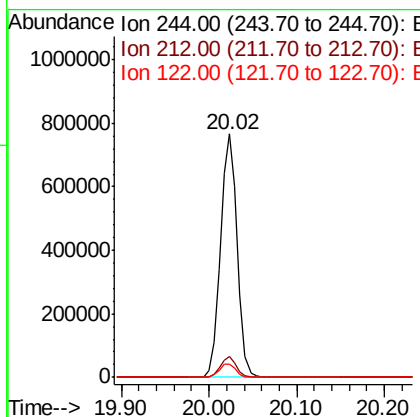
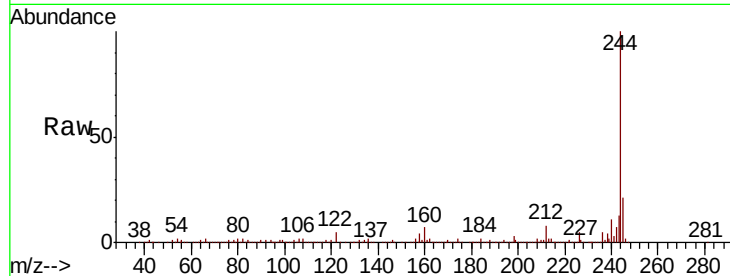
#79
 Terphenyl-d14
 Concen: 97.550 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.4
122	5.4	4.8	7.2

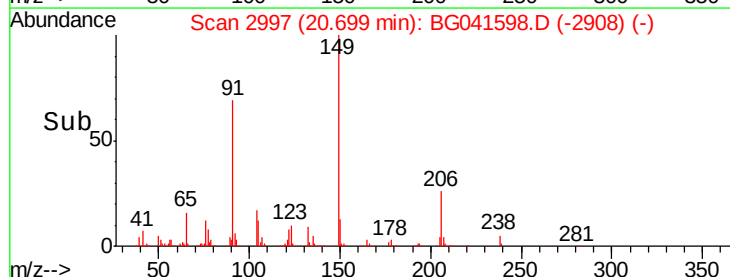
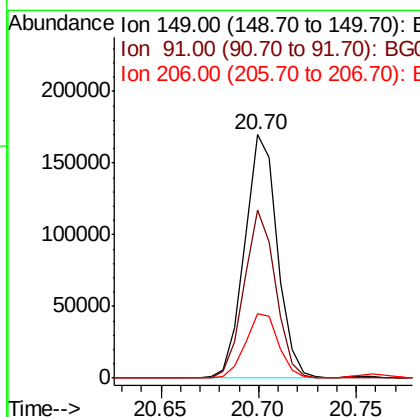
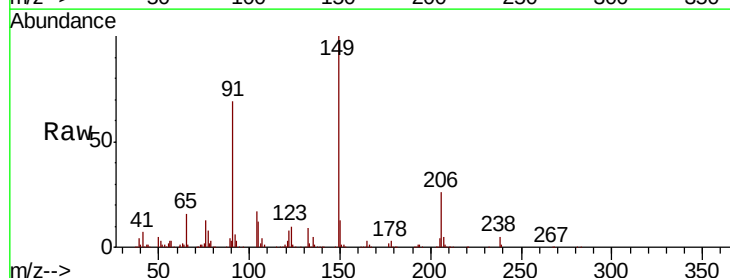
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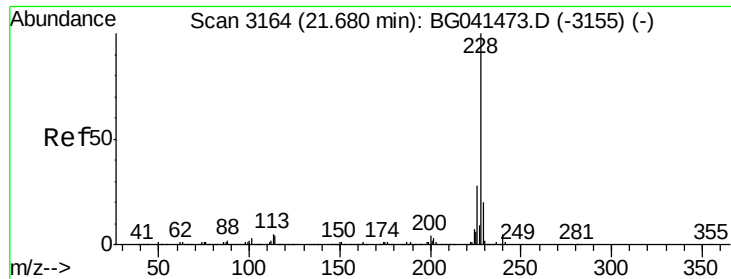
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.366 ng
 RT: 20.70 min Scan# 2997
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.9	83.9
206	26.3	22.1	33.1





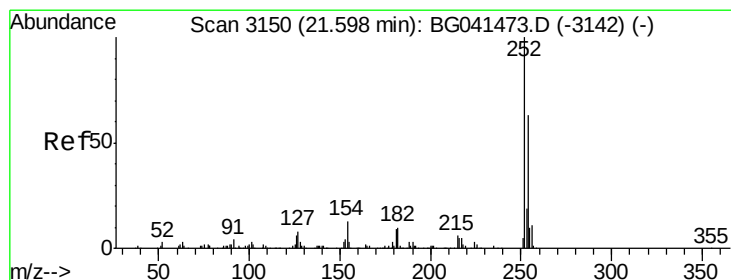
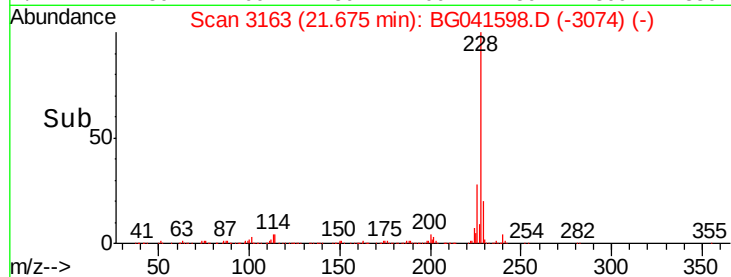
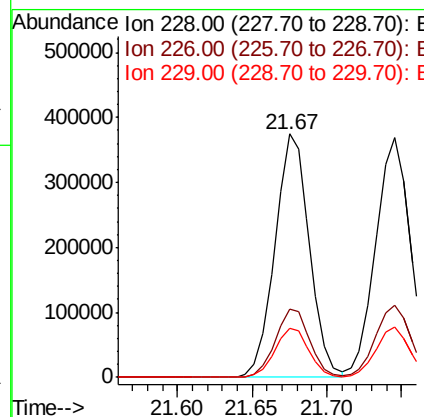
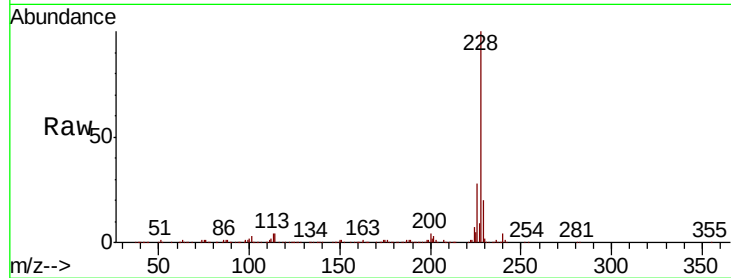
#81
Benzo(a)anthracene
Concen: 39.578 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	16.1	24.1

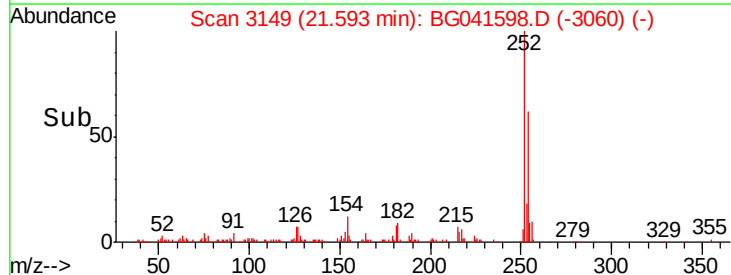
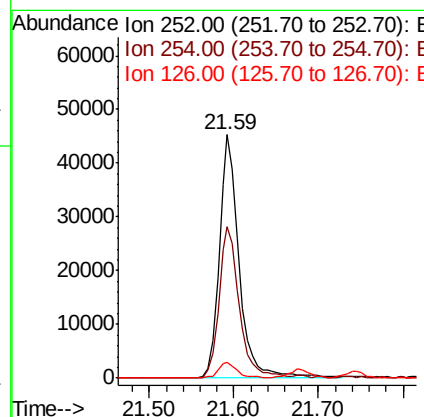
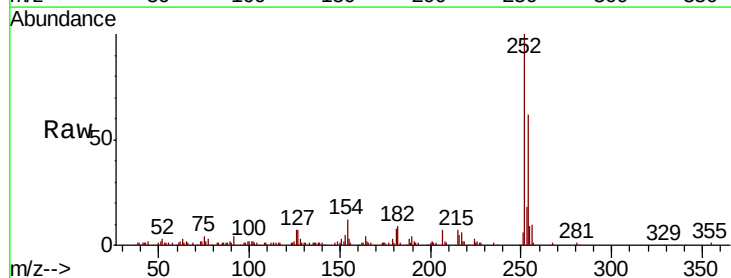
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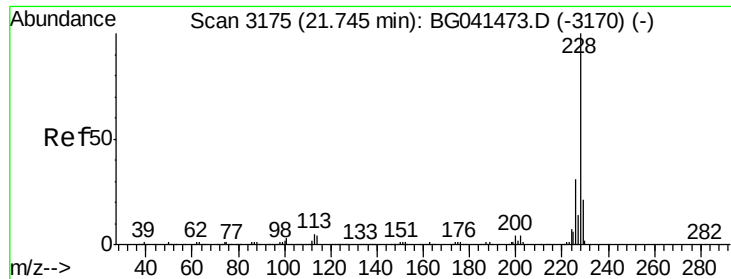
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 14.220 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.4	75.6
126	6.6	4.9	7.3





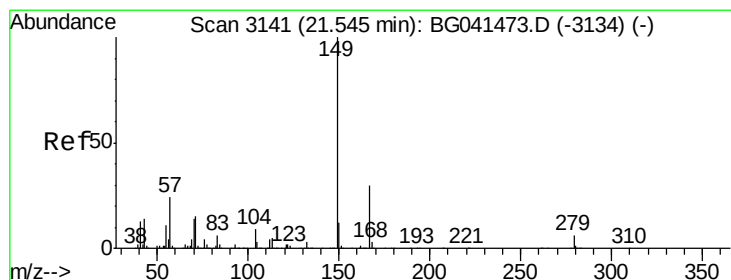
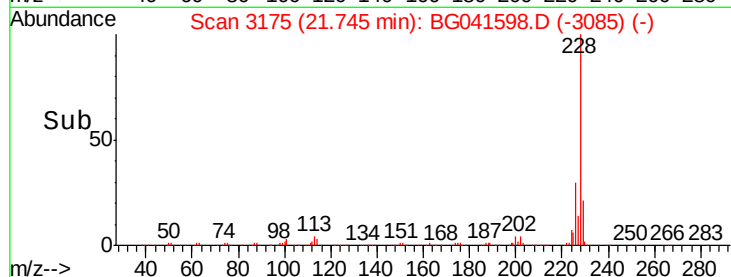
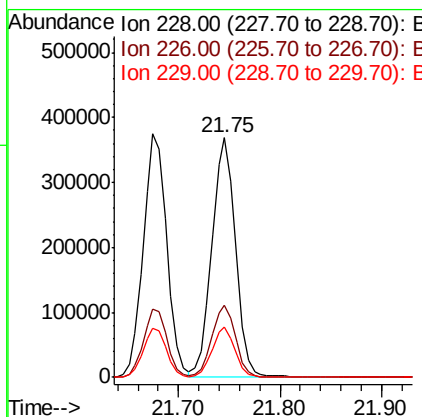
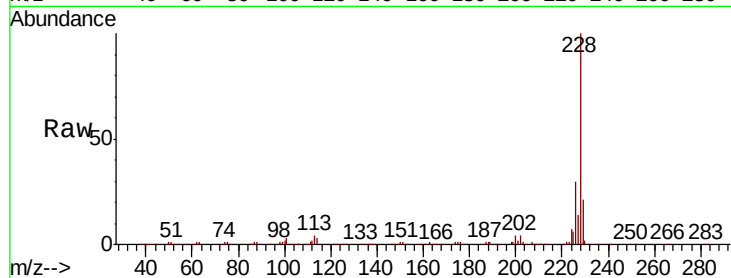
#83
 Chrysene
 Concen: 40.315 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	20.8	16.8	25.2

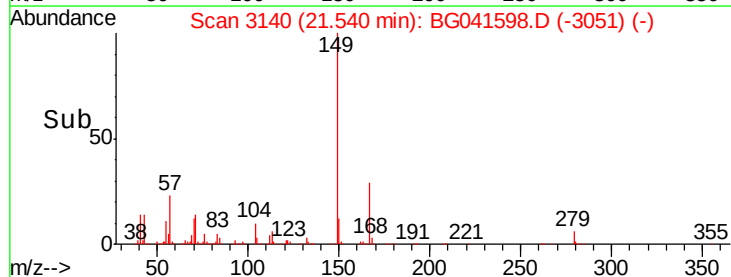
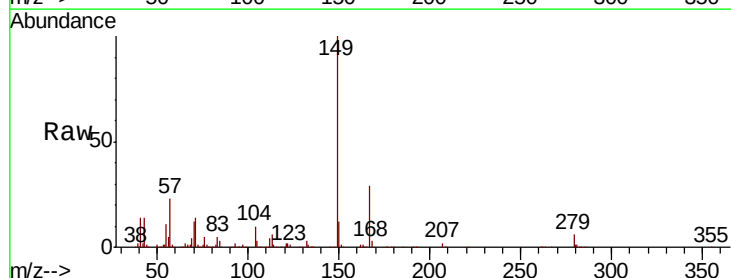
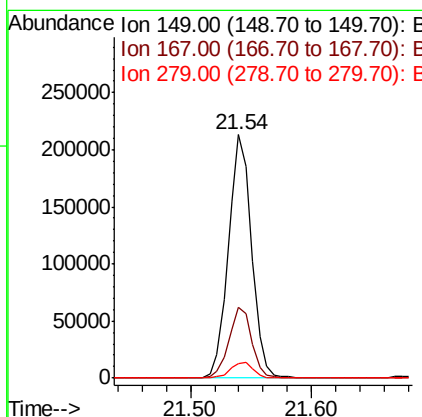
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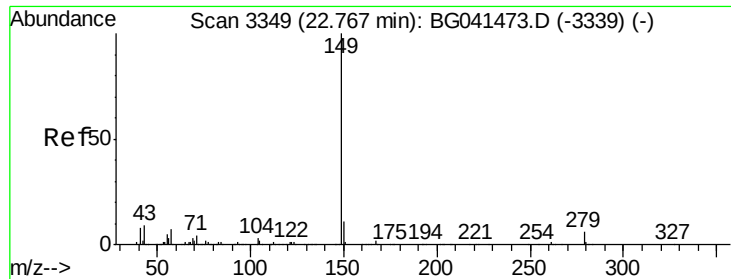
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.072 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.6	35.4
279	6.2	5.0	7.6





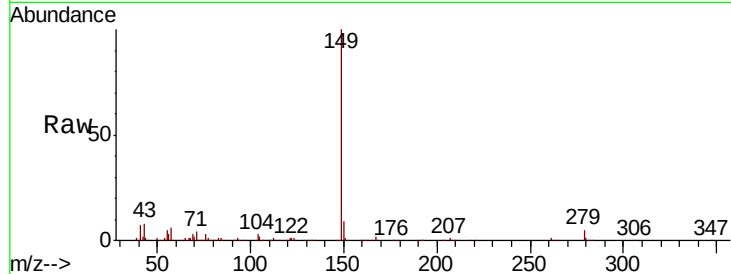
#85
Di-n-octyl phthalate
Concen: 37.457 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

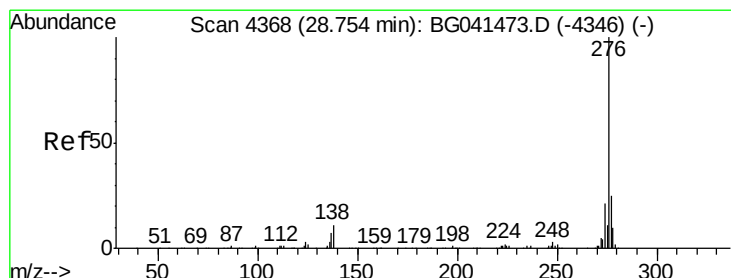
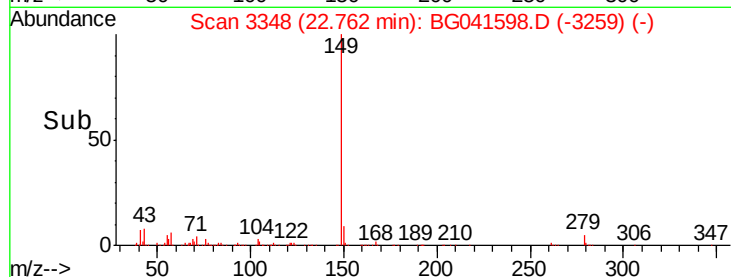
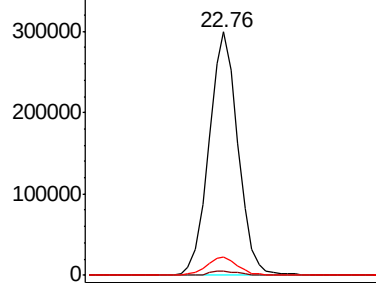
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8		1.4	2.2
43	7.9		7.2	10.8

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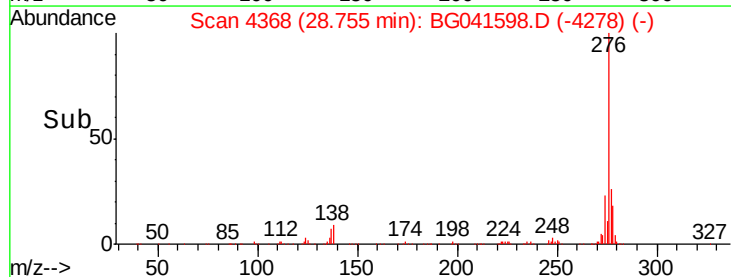
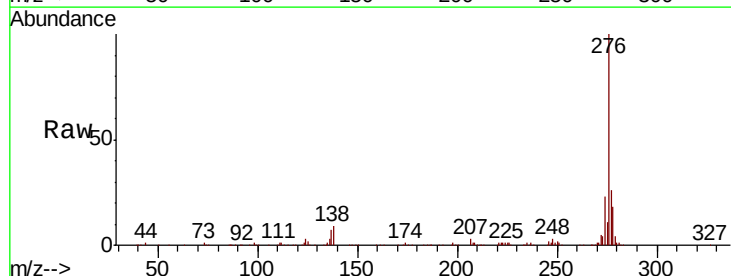
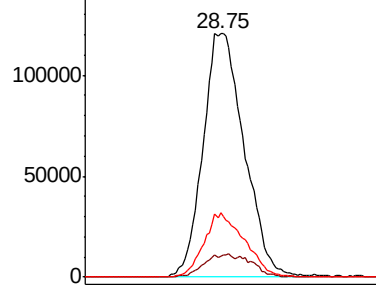
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

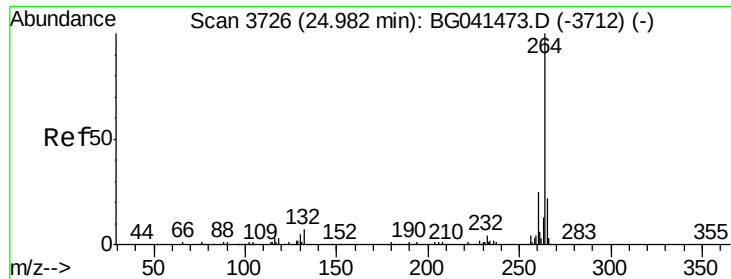


#86
Indeno(1,2,3-cd)pyrene
Concen: 41.295 ng
RT: 28.75 min Scan# 4368
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	6.6		4.9	7.3
277	26.0		20.4	30.6

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





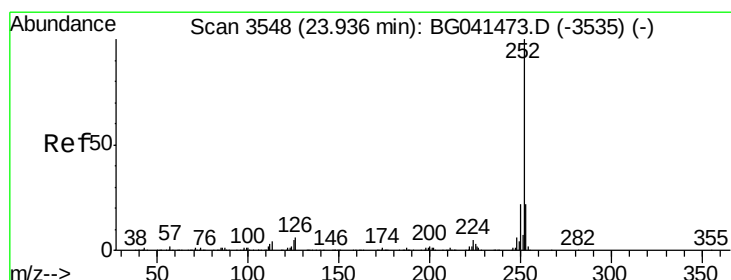
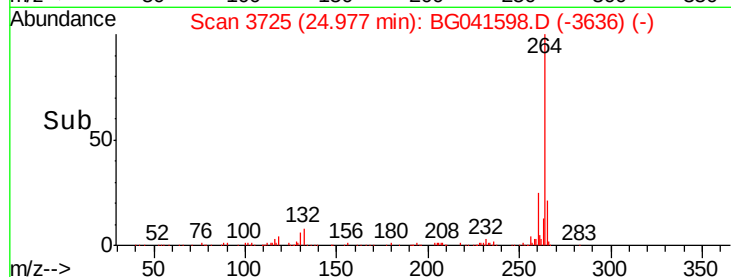
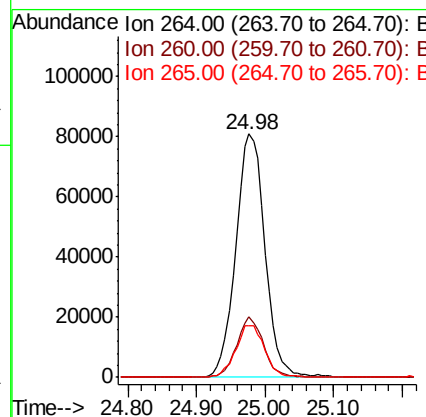
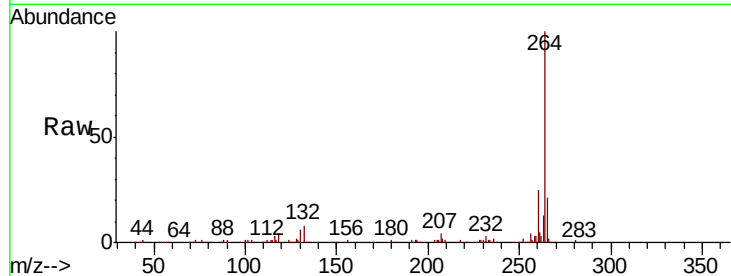
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3725
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.1	17.4	26.2

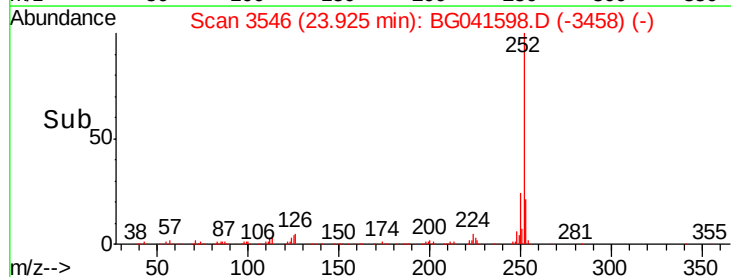
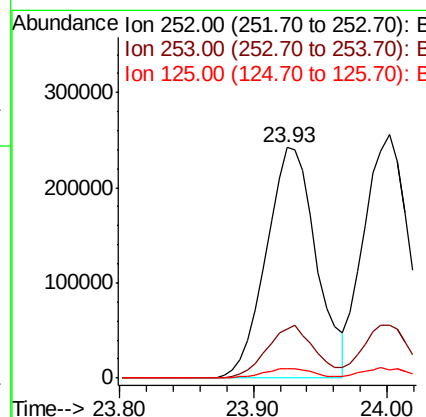
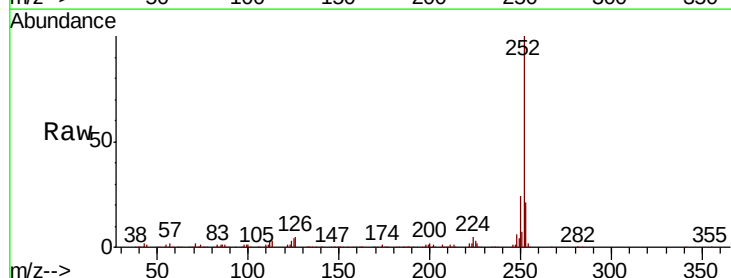
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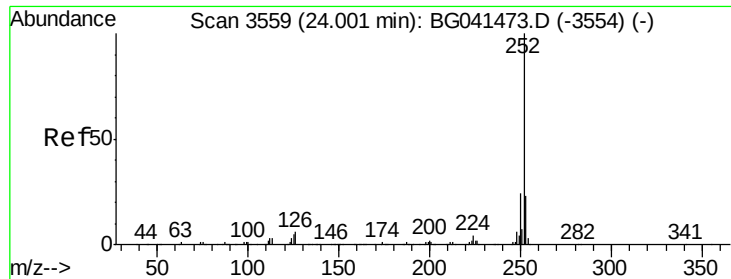
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 41.426 ng
 RT: 23.93 min Scan# 3546
 Delta R.T. -0.01 min
 Lab File: BG041598.D
 Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	4.3	3.8	5.8





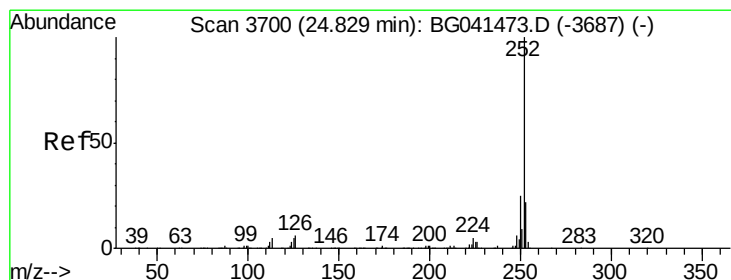
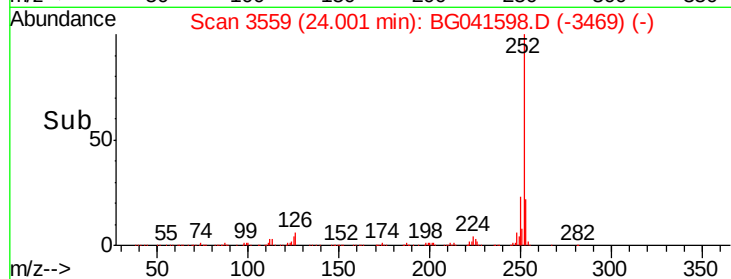
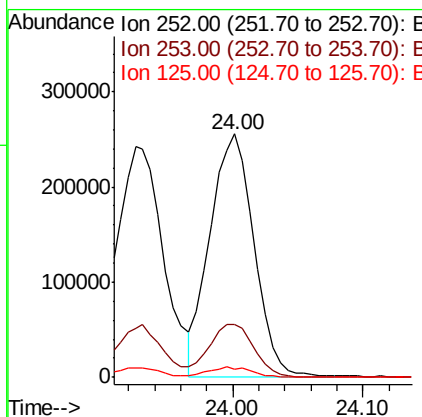
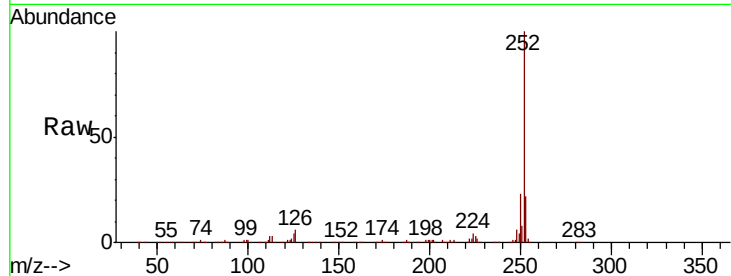
#89
Benzo(k)fluoranthene
Concen: 40.207 ng m
RT: 24.00 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	3.5	4.0	6.0

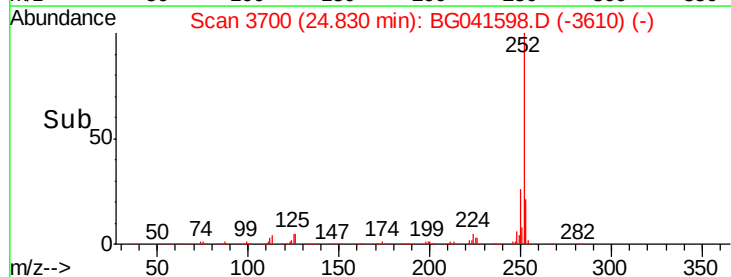
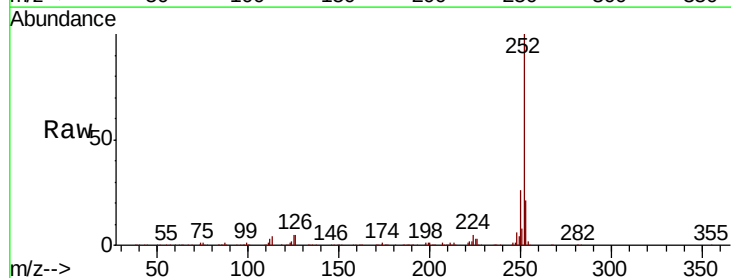
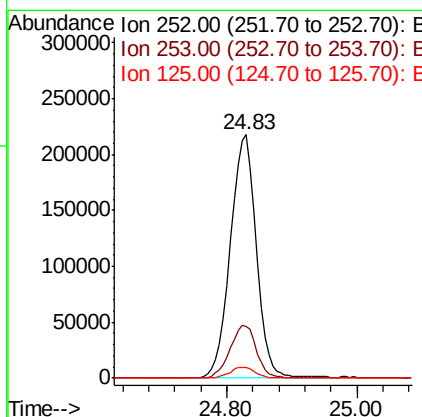
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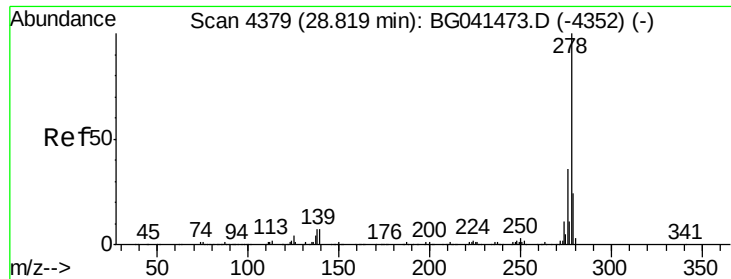
mohammad
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#90
Benzo(a)pyrene
Concen: 41.692 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	4.6	4.4	6.6





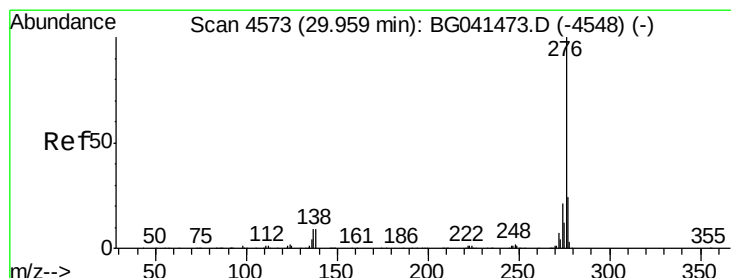
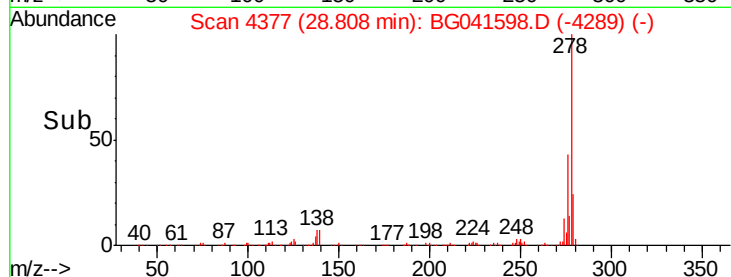
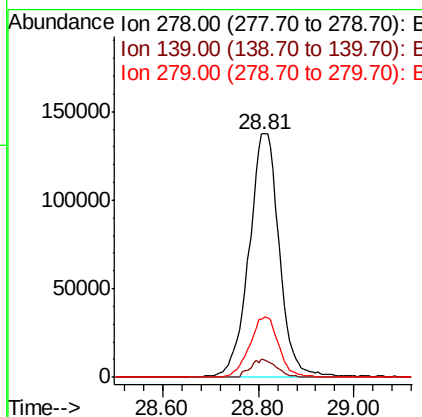
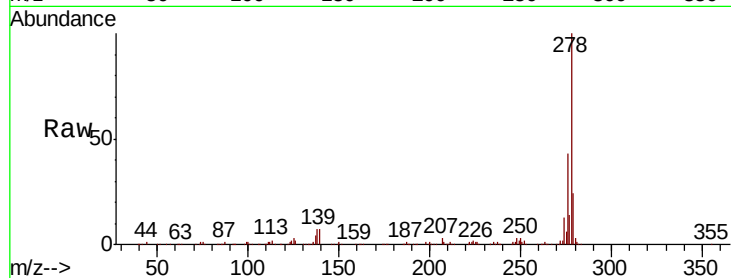
#91
Dibenzo(a,h)anthracene
Concen: 41.691 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.3	5.9	8.9
279	24.0	18.9	28.3

Manual Integrations
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7/8/2019 2:11:31 PM



#92
Benzo(g,h,i)perylene
Concen: 42.044 ng
RT: 29.95 min Scan# 4572
Delta R.T. -0.01 min
Lab File: BG041598.D
Acq: 3 Jul 2019 20:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.2
138	8.4	7.6	11.4

