

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
 Data File : BG043016.D
 Acq On : 3 Oct 2019 17:48
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Manual Integrations
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mohammad
 10/7/2019 8:26:33 AM

Quant Time: Oct 04 07:33:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73782	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	273482	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	195919	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	442725	20.00	ng	0.00
76) Chrysene-d12	21.70	240	470677	20.00	ng	-0.01
87) Perylene-d12	24.93	264	549444	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	470672	113.85	ng	0.00
7) Phenol-d6	7.24	99	674408	113.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	413040	73.41	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	377559	112.07	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	898586	66.49	ng	-0.01
79) Terphenyl-d14	20.04	244	1522977	68.95	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.55	88	58624	34.010	ng	91
3) Pyridine	3.95	79	160322	33.069	ng	91
4) n-Nitrosodimethylamine	3.86	42	95712	41.053	ng	# 79
6) Aniline	7.40	93	266147	37.033	ng	99
8) 2-Chlorophenol	7.64	128	202876	47.054	ng	98
9) Benzaldehyde	7.21	77	127933	35.165	ng	90
10) Phenol	7.27	94	281786	51.587	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	179466	42.464	ng	97
12) 1,3-Dichlorobenzene	7.96	146	224089	40.742	ng	98
13) 1,4-Dichlorobenzene	8.10	146	229098	41.783	ng	98
14) 1,2-Dichlorobenzene	8.42	146	217105	41.590	ng	96
15) Benzyl Alcohol	8.31	79	197244	44.065	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	278305	34.289	ng	99
17) 2-Methylphenol	8.52	107	178182	46.620	ng	95
18) Hexachloroethane	9.15	117	81691	39.560	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	160869	41.150	ng	94
20) 3+4-Methylphenols	8.84	107	243100	46.413	ng	97
22) Acetophenone	8.89	105	302578	42.922	ng	# 96
24) Nitrobenzene	9.27	77	244158	45.493	ng	98
25) Isophorone	9.79	82	441282	44.649	ng	99
26) 2-Nitrophenol	9.98	139	119822	52.446	ng	96
27) 2,4-Dimethylphenol	10.04	122	192302	54.808	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	245149	43.718	ng	97
29) 2,4-Dichlorophenol	10.52	162	224731	51.500	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	249637	44.300	ng	96
31) Naphthalene	10.92	128	613212	45.550	ng	99
32) Benzoic acid	10.20	122	129266	47.442	ng	98
33) 4-Chloroaniline	11.03	127	163442	27.978	ng	95
34) Hexachlorobutadiene	11.21	225	175353	41.559	ng	98
35) Caprolactam	11.81	113	70645m	45.908	ng	
36) 4-Chloro-3-methylphenol	12.15	107	228446	48.149	ng	94
37) 2-Methylnaphthalene	12.52	142	467205	45.491	ng	94
38) 1-Methylnaphthalene	12.74	142	442096	45.493	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	309215	41.976	ng	100

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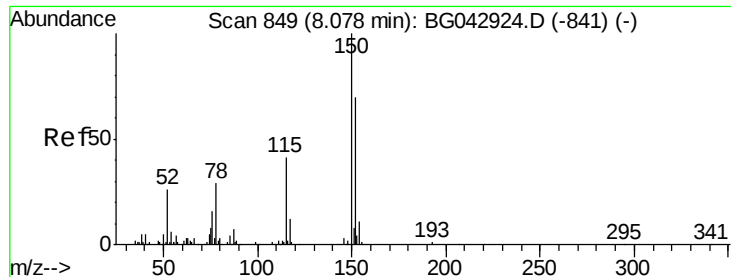
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	375188	79.937	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	200761	46.563	nq	97
44) 2,4,5-Trichlorophenol	13.20	196	221634	49.900	nq	99
46) 1,1'-Biphenyl	13.52	154	632268	42.556	nq	97
47) 2-Chloronaphthalene	13.56	162	498359	44.739	nq	99
48) 2-Nitroaniline	13.77	65	161267	43.535	nq	89
49) Acenaphthylene	14.41	152	798543	46.849	nq	98
50) Dimethylphthalate	14.14	163	767542	52.287	nq	99
51) 2,6-Dinitrotoluene	14.26	165	149192	47.725	nq	94
52) Acenaphthene	14.75	154	494074	43.306	nq	97
53) 3-Nitroaniline	14.59	138	106934	33.100	nq	94
54) 2,4-Dinitrophenol	14.79	184	169055	87.001	nq	93
55) Dibenzofuran	15.08	168	763969	45.267	nq	100
56) 4-Nitrophenol	14.90	139	236551	96.098	nq	96
57) 2,4-Dinitrotoluene	15.04	165	210145	45.905	nq	95
58) Fluorene	15.73	166	638578	44.318	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216500	45.780	nq	100
60) Diethylphthalate	15.50	149	628269	42.055	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	373137	43.179	nq	99
62) 4-Nitroaniline	15.75	138	148778	42.225	nq	97
63) Azobenzene	16.02	77	570138	41.918	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	122344	48.835	nq	94
66) n-Nitrosodiphenylamine	15.94	169	569507	48.729	nq	100
67) 4-Bromophenyl-phenylether	16.62	248	257421	46.327	nq	96
68) Hexachlorobenzene	16.74	284	285874	46.206	nq	96
69) Atrazine	16.88	200	215256	43.738	nq	96
70) Pentachlorophenol	17.08	266	360943	101.104	nq	98
71) Phenanthrene	17.48	178	1022570	47.311	nq	98
72) Anthracene	17.56	178	1028953	47.686	nq	98
73) Carbazole	17.83	167	932440	46.600	nq	99
74) Di-n-butylphthalate	18.39	149	1066495	44.673	nq	99
75) Fluoranthene	19.48	202	1340413	46.887	nq	99
77) Benzidine	19.66	184	804407	68.255	nq	99
78) Pyrene	19.84	202	1350863	48.086	nq	99
80) Butylbenzylphthalate	20.73	149	499738	46.865	nq	97
81) Benzo(a)anthracene	21.68	228	1355335	46.214	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	391915	34.072	nq	99
83) Chrysene	21.75	228	1311045	46.066	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	711313	46.879	nq	98
85) Di-n-octyl phthalate	22.80	149	1209771	48.758	nq	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1732490	48.898	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	1447210	46.551	nq	98
89) Benzo(k)fluoranthene	23.97	252	1427997	46.430	nq	99
90) Benzo(a)pyrene	24.77	252	1439104	49.064	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	1451286	48.253	nq	98
92) Benzo(g,h,i)perylene	29.74	276	1419604	48.713	nq	97

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



#1

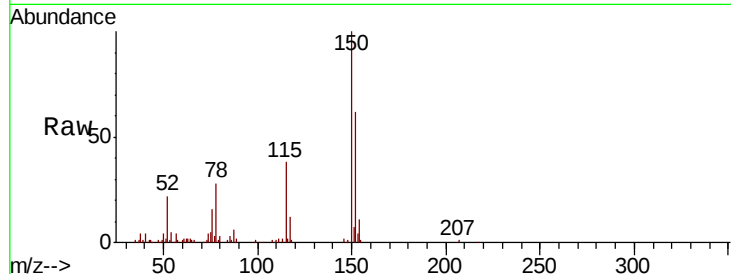
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	115.0	172.4
115	60.7	47.0	70.6

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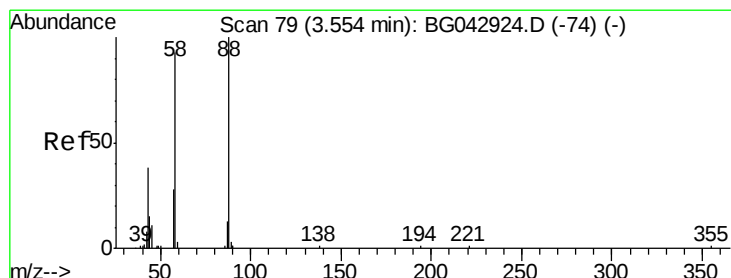
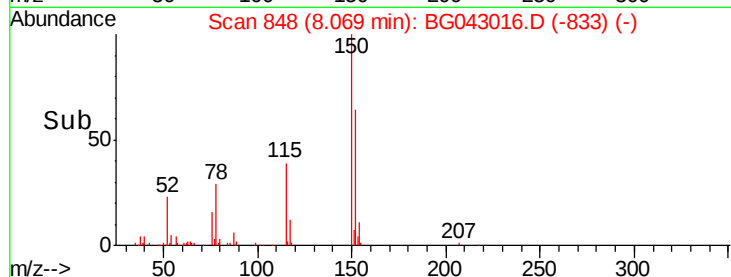
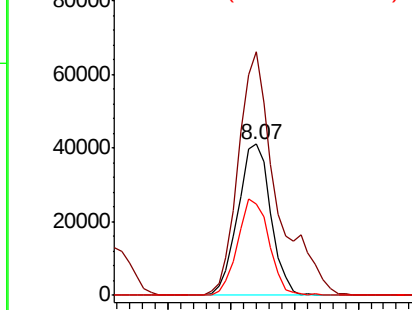


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

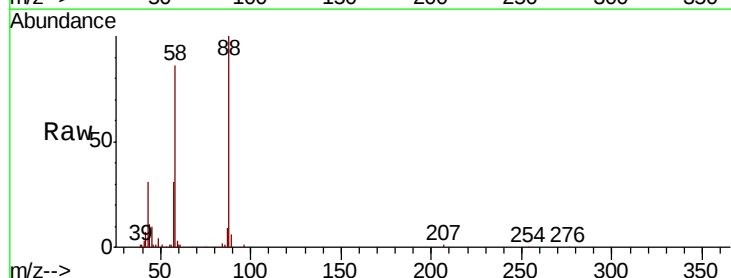
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.010 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	74.3	111.5
43	31.2	29.8	44.8

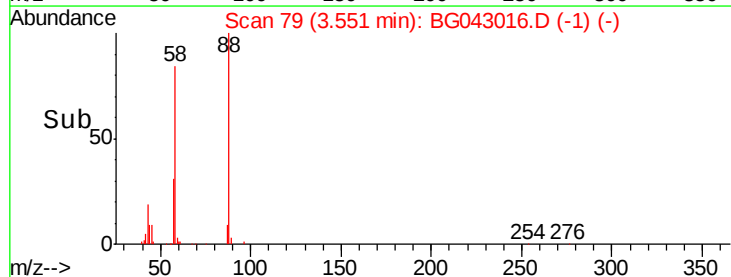
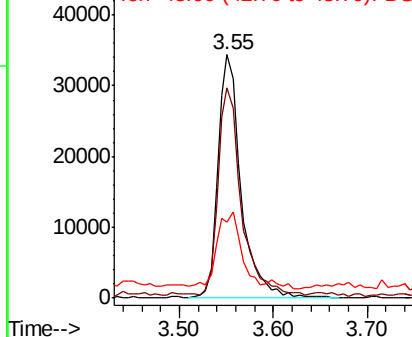


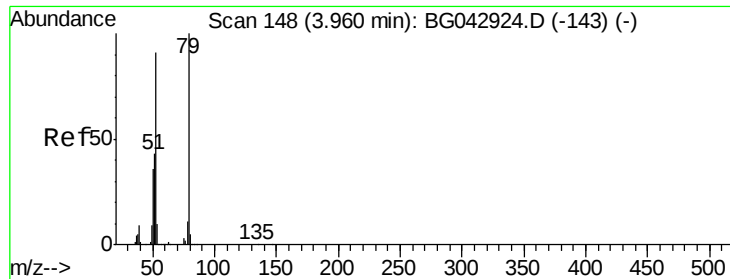
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





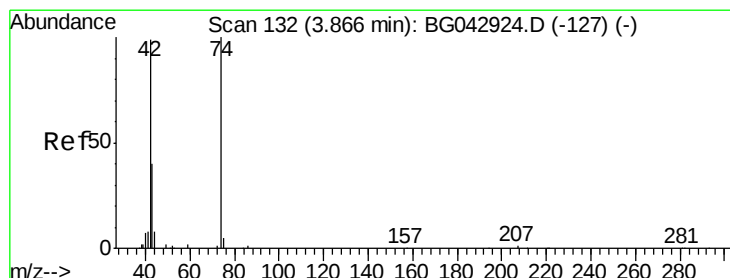
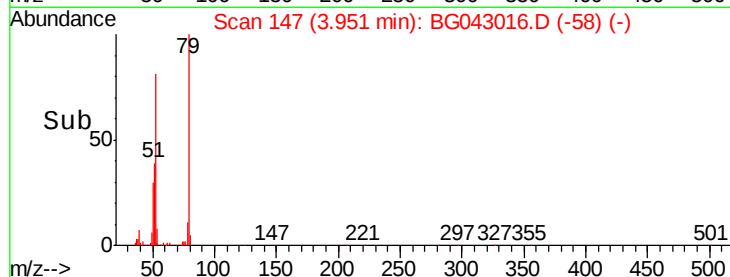
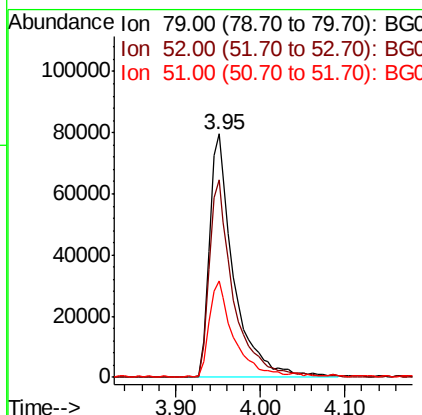
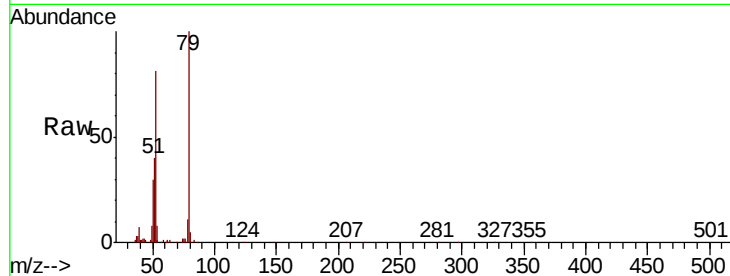
#3
 Pvridine
 Concen: 33.069 ng
 RT: 3.95 min Scan# 147
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.9	73.0	109.4
51	39.8	35.1	52.7

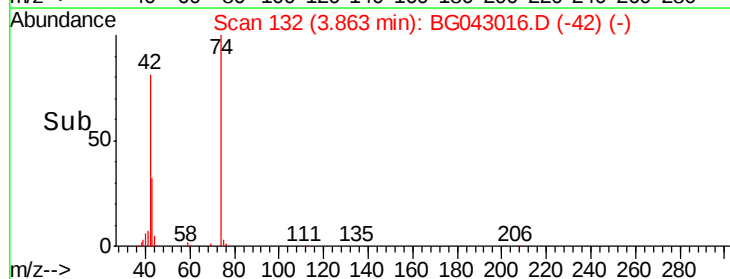
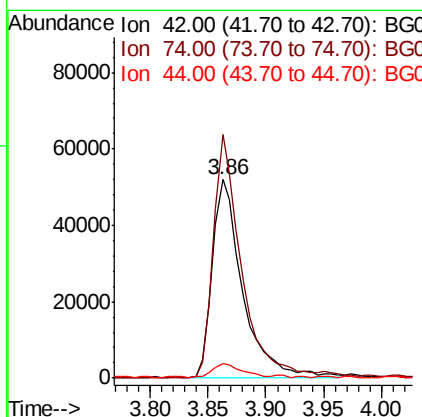
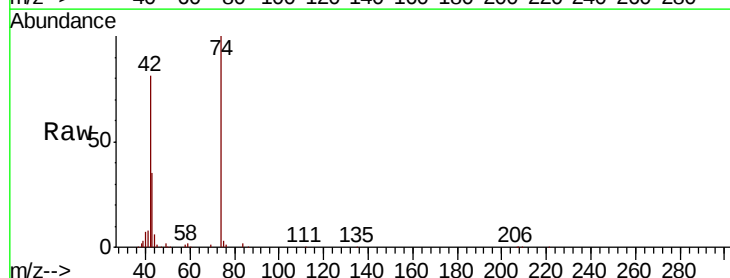
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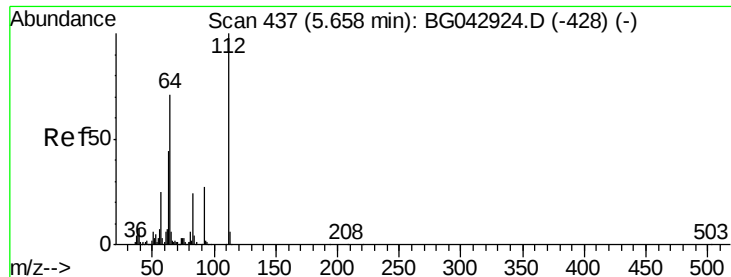
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#4
 n-Nitrosodimethylamine
 Concen: 41.053 ng
 RT: 3.86 min Scan# 132
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.7	80.5	120.7#
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 113.845 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

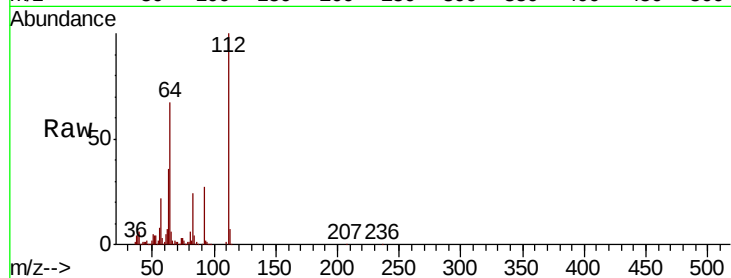
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

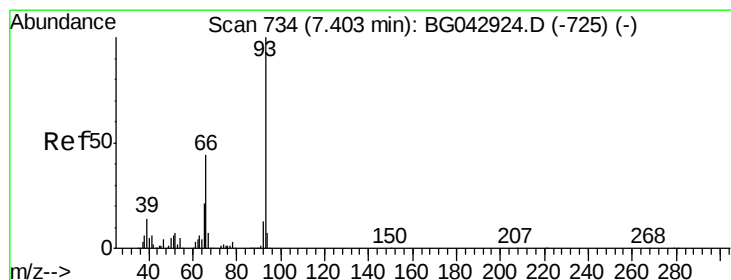
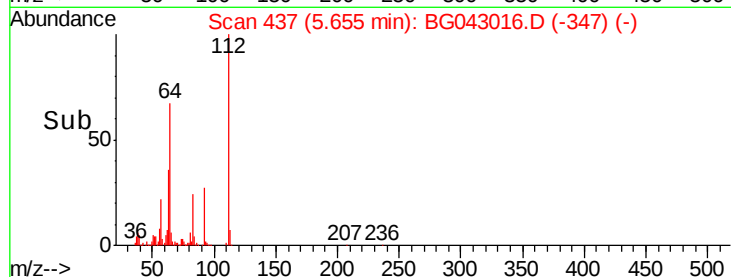
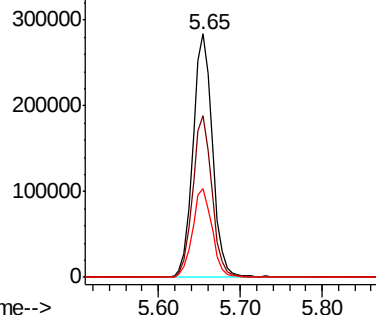
Tot Ion:	112	Resp:	470672
Ion Ratio	Lower	Upper	
112	100		
64	66.5	56.6	84.8
63	36.3	35.1	52.7

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



#6

Aniline

Concen: 37.033 ng

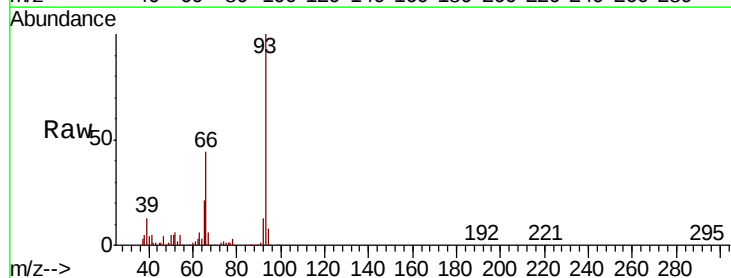
RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

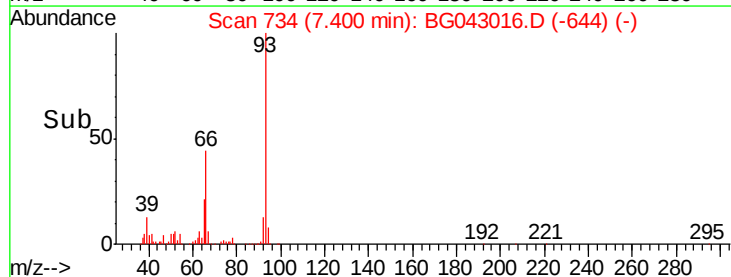
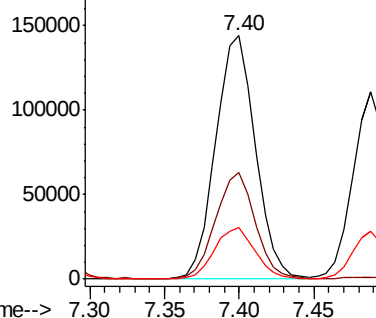
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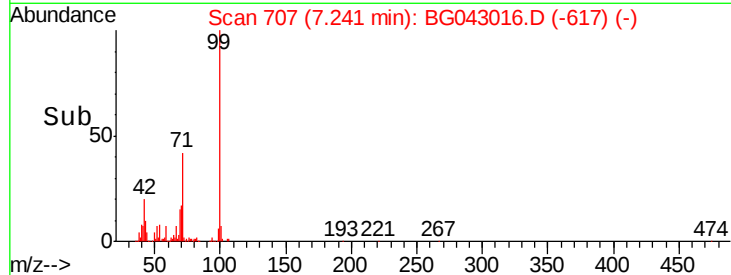
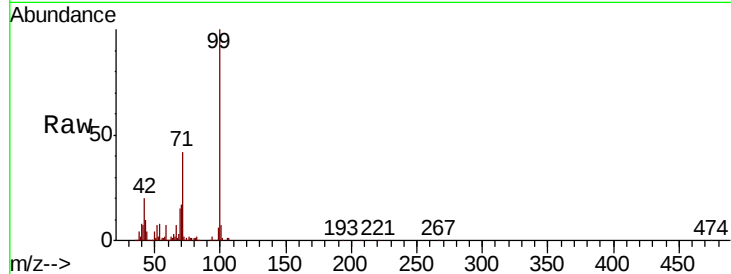
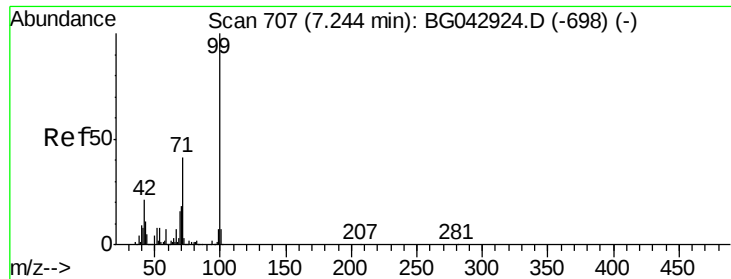
Acq: 3 Oct 2019 17:48

Tgt Ion:	93	Resp:	266147
Ion Ratio	Lower	Upper	
93	100		
66	44.0	35.0	52.6
65	21.2	17.4	26.0



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





#7

Phenol-d6

Concen: 113.276 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tot Ion:	99	Resp:	674408
Ion Ratio	Lower	Upper	
99	100		
42	19.8	17.2	25.8
71	41.5	33.1	49.7

Instrument :

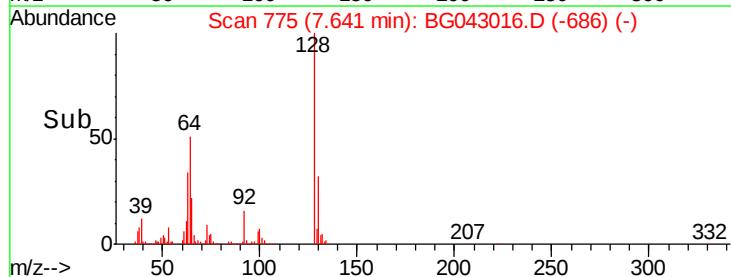
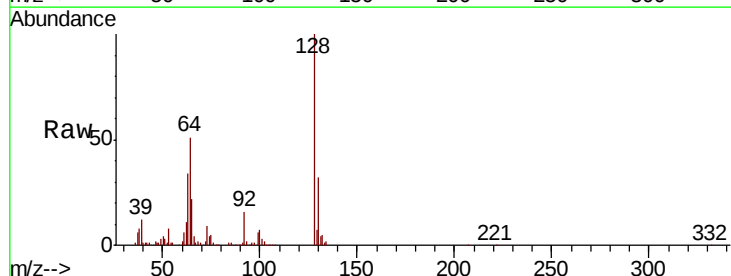
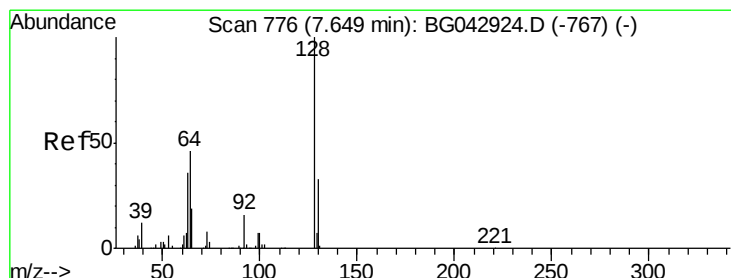
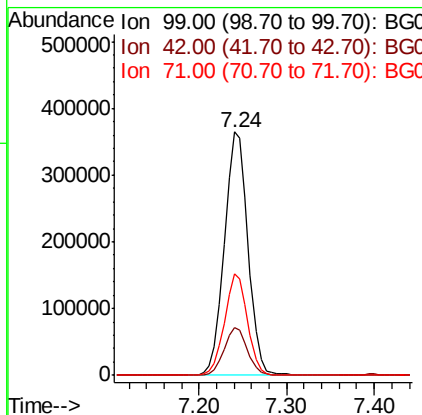
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#8

2-Chlorophenol

Concen: 47.054 ng

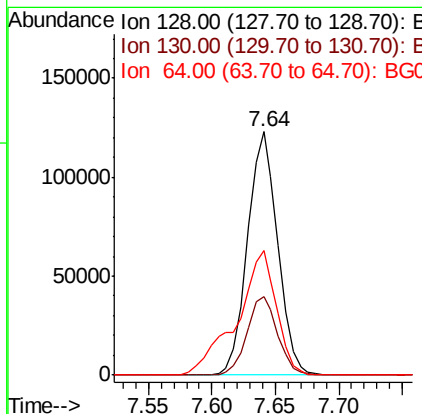
RT: 7.64 min Scan# 775

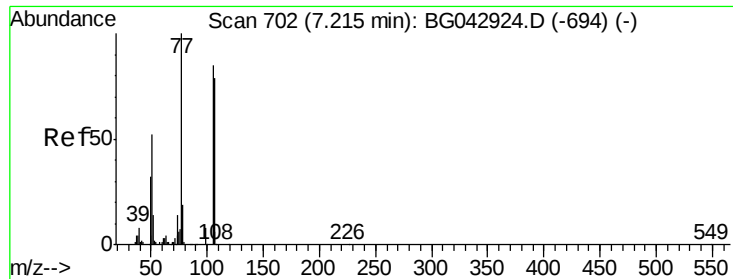
Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tgt Ion:	128	Resp:	202876
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.5	52.5
64	51.3	32.8	72.8





#9

Benzaldehyde

Concen: 35.165 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

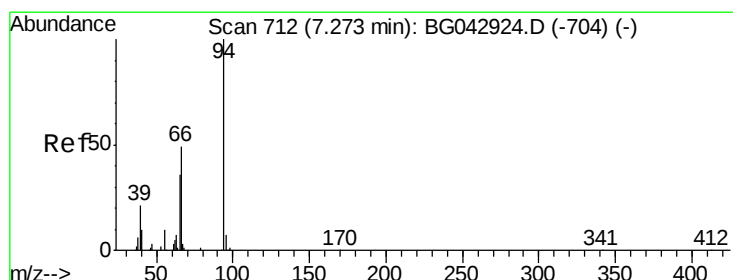
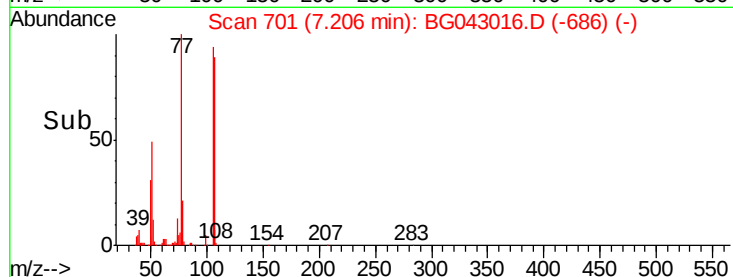
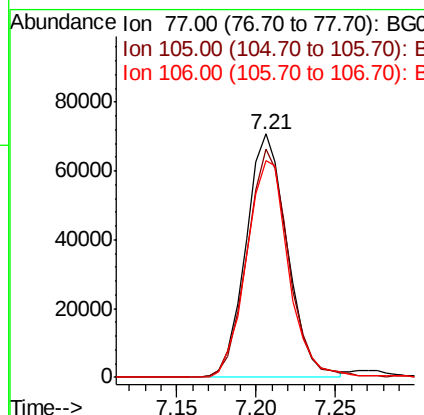
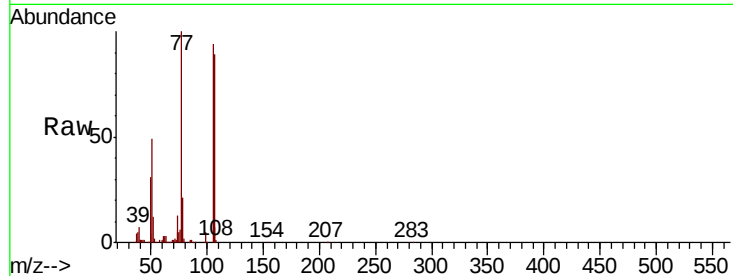
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	93.7	64.6	104.6	
106	89.1	59.4	99.4	

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#10

Phenol

Concen: 51.587 ng

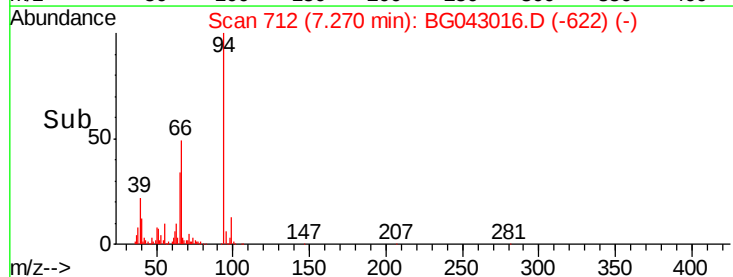
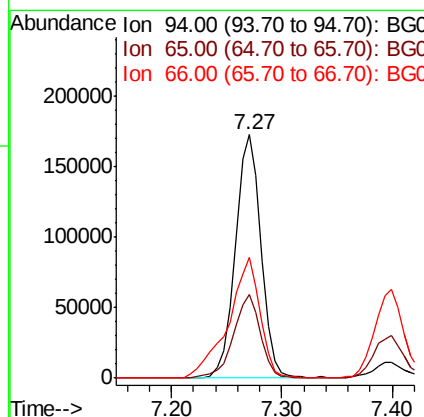
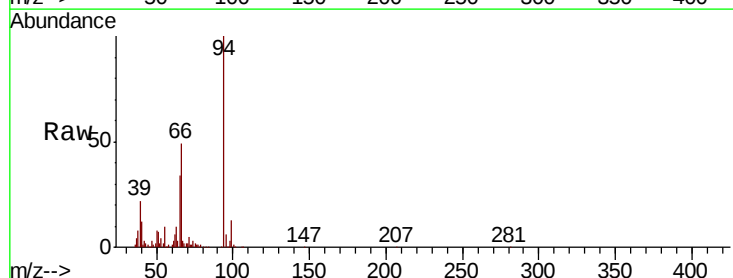
RT: 7.27 min Scan# 712

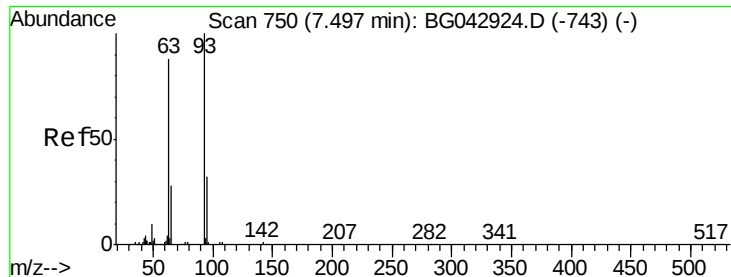
Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	34.5	16.6	56.6	
66	49.4	32.4	72.4	





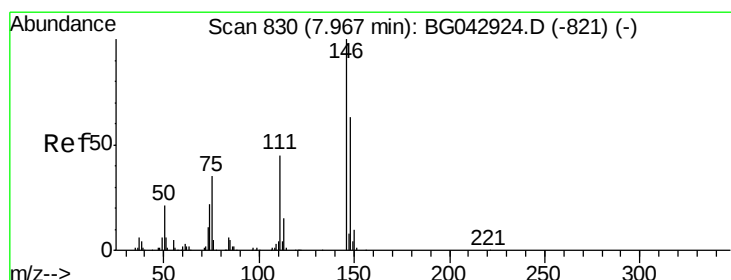
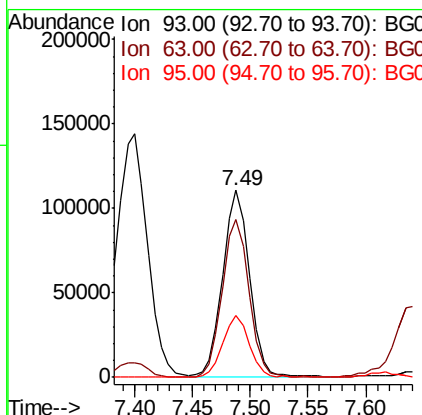
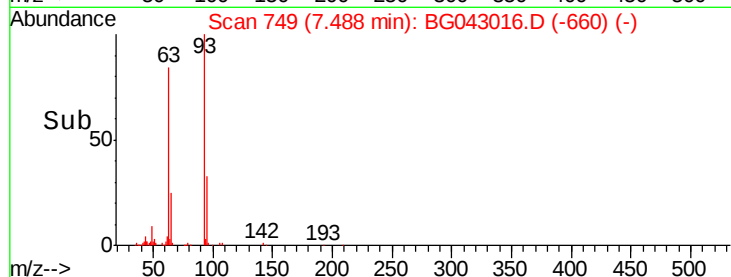
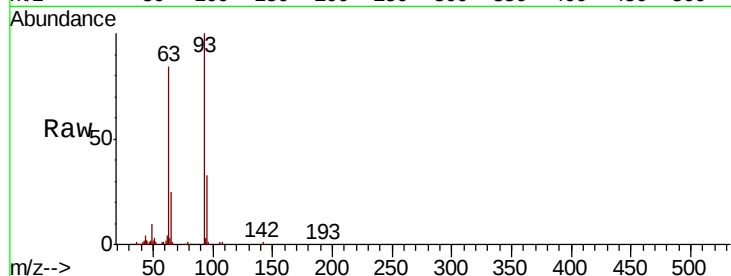
#11
bis(2-Chloroethyl)ether
Concen: 42.464 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	179466		
63	84.3		67.4	107.4
95	33.3		11.9	51.9

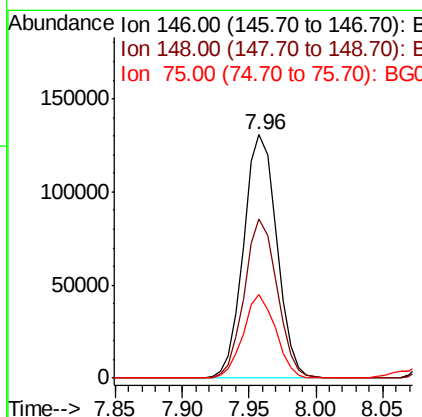
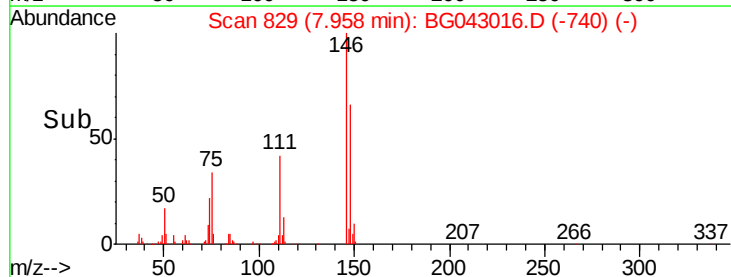
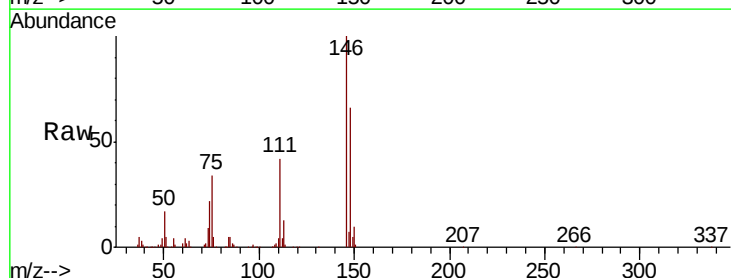
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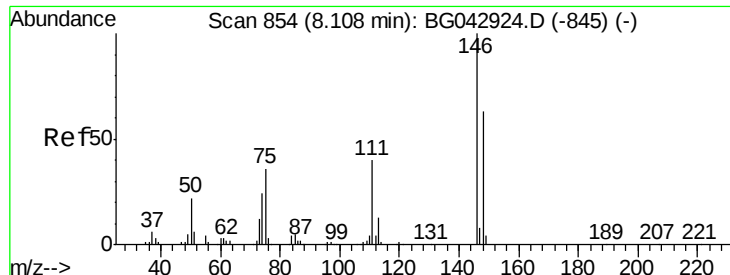
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.742 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	224089		
148	65.6		50.7	76.1
75	34.4		27.7	41.5





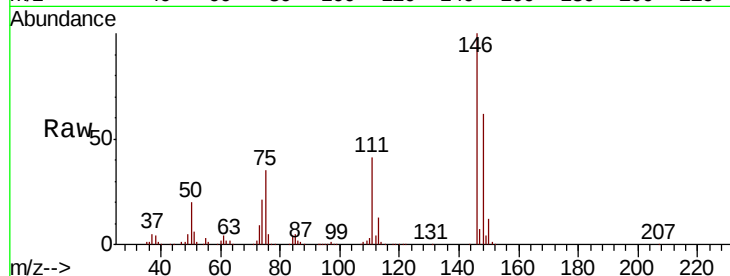
#13
1,4-Dichlorobenzene
Concen: 41.783 ng
RT: 8.10 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.9	76.3
111	40.9	31.8	47.8

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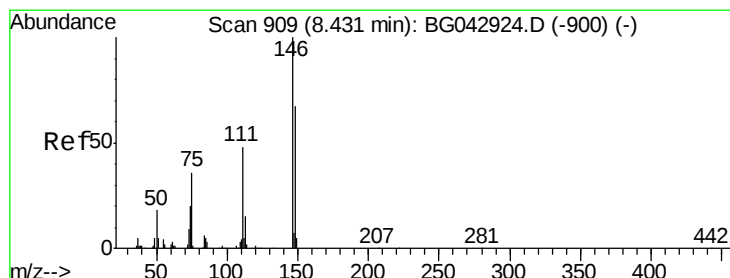
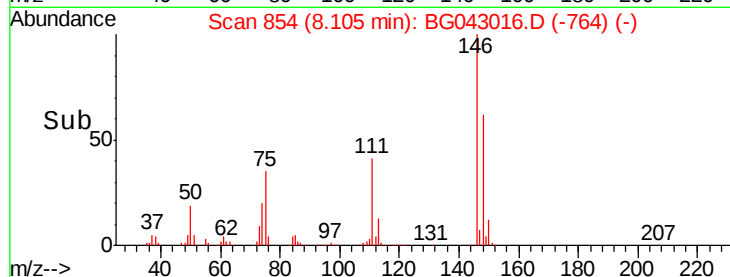
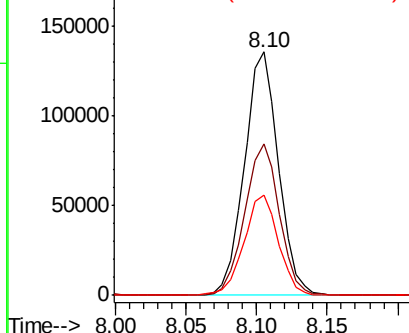


Abundance

Ion 146.00 (145.70 to 146.70): E

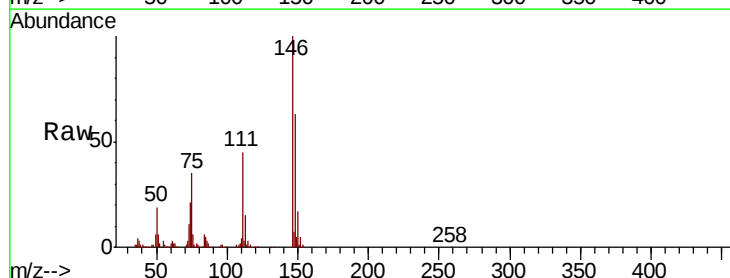
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.590 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.2
111	44.8	38.5	57.7

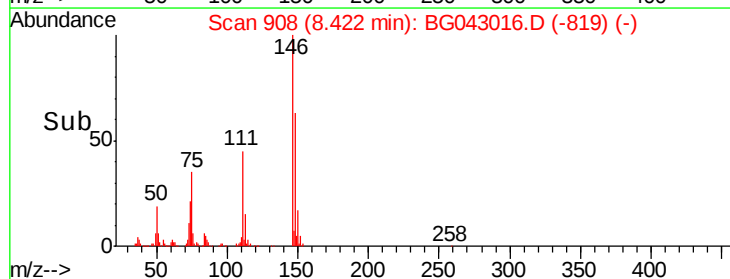
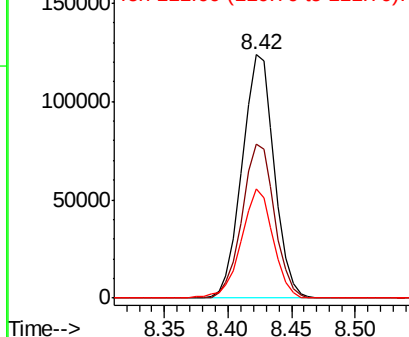


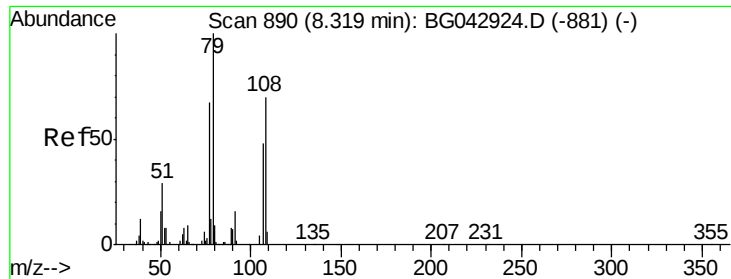
Abundance

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: 44.065 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

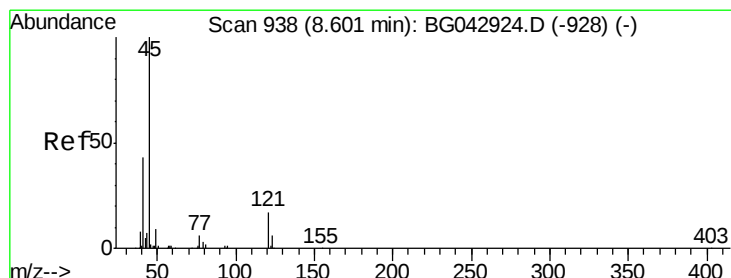
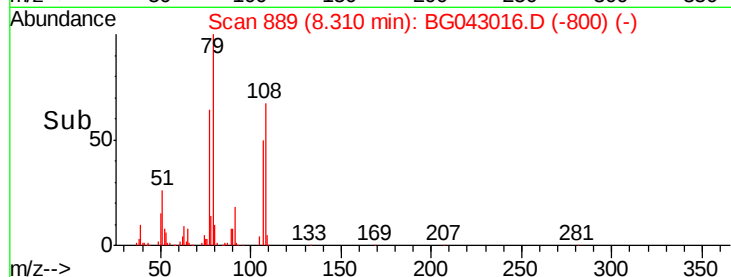
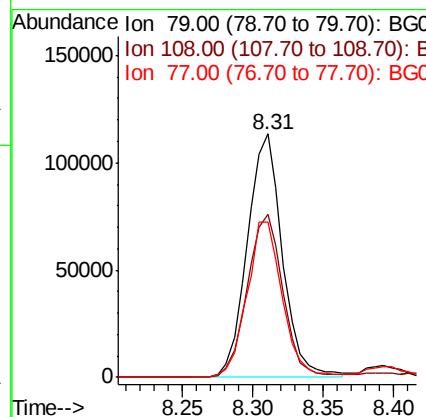
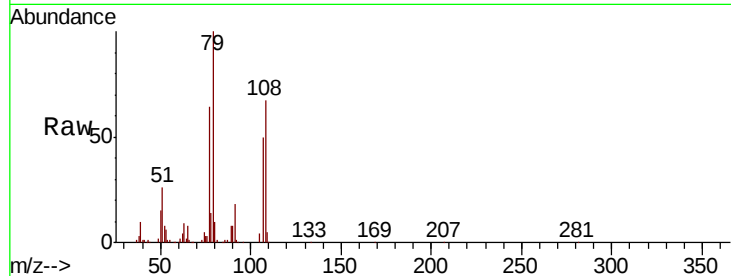
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

Tot Ion:	79	Resp:	197244
Ion	Ratio	Lower	Upper
79	100		
108	66.9	55.7	83.5
77	63.6	53.3	79.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.289 ng

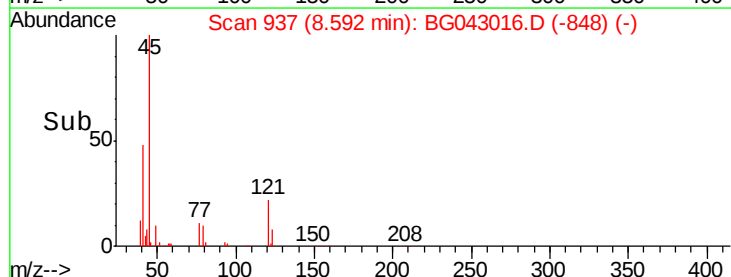
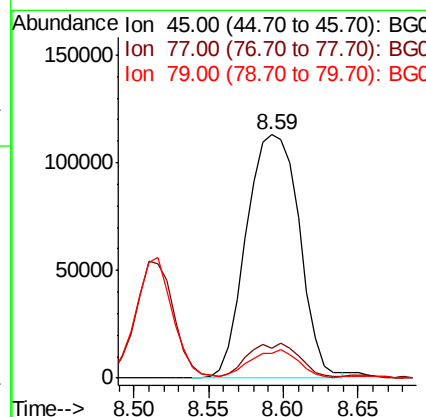
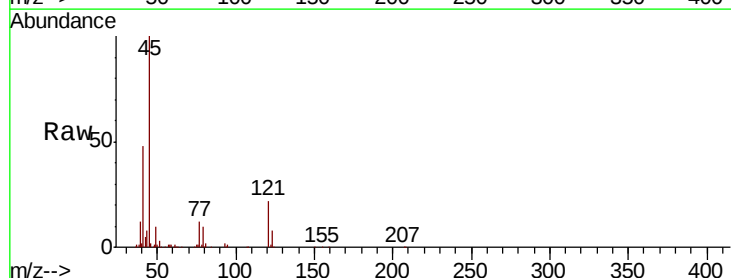
RT: 8.59 min Scan# 937

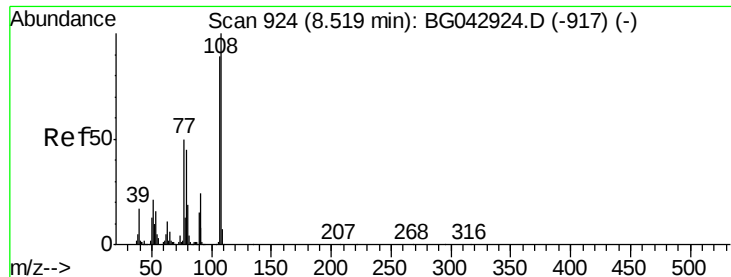
Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tgt Ion:	45	Resp:	278305
Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.8
79	10.3	0.0	29.4





#17

2-Methylphenol

Concen: 46.620 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

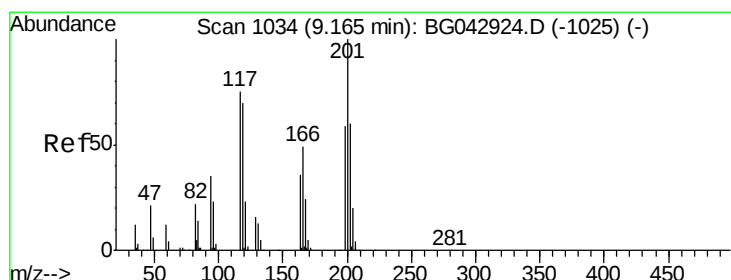
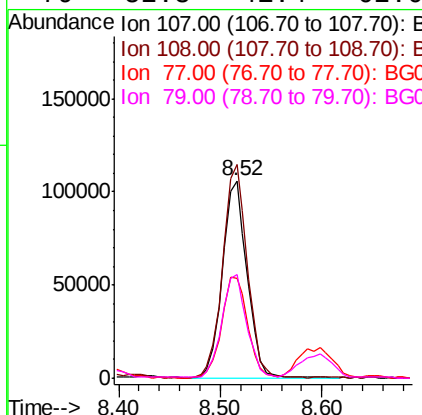
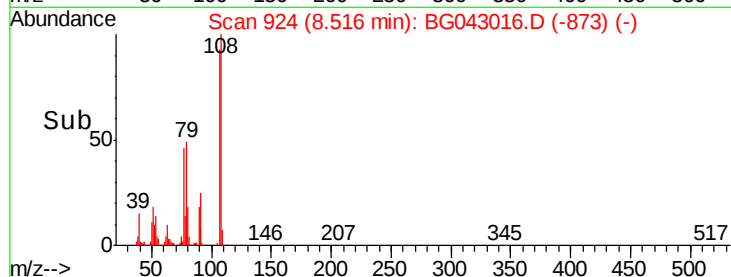
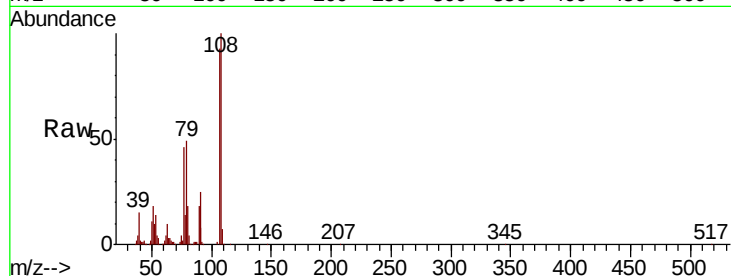
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

Tot Ion:	107	Resp:	178182
Ion Ratio	Lower	Upper	
107	100		
108	108.0	89.9	134.9
77	50.2	45.4	68.2
79	52.8	41.4	62.0

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#18

Hexachloroethane

Concen: 39.560 ng

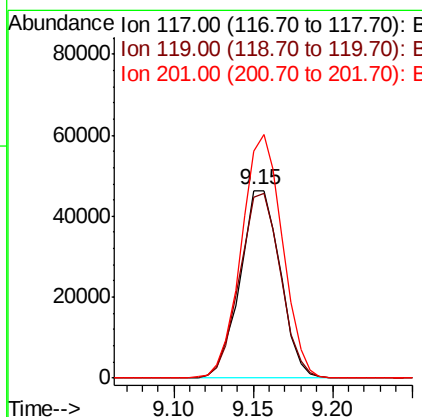
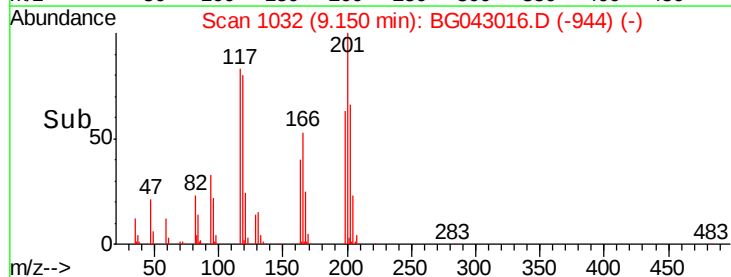
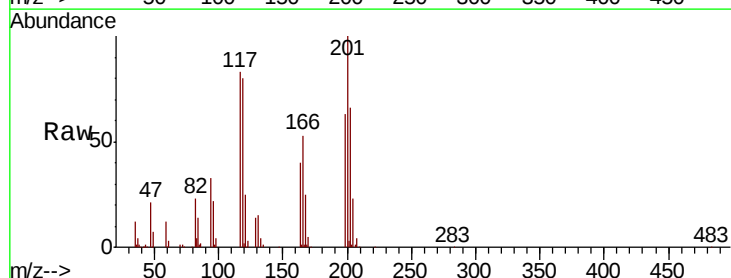
RT: 9.15 min Scan# 1032

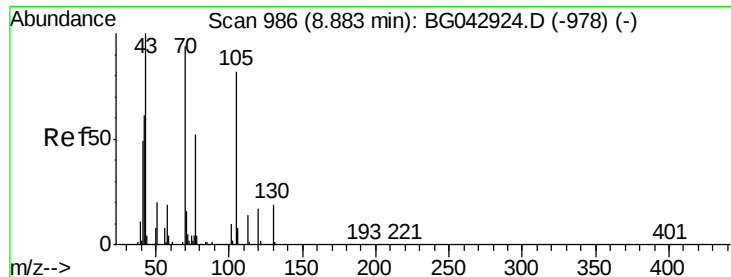
Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tgt Ion:	117	Resp:	81691
Ion Ratio	Lower	Upper	
117	100		
119	96.4	74.6	111.8
201	121.0	106.0	159.0





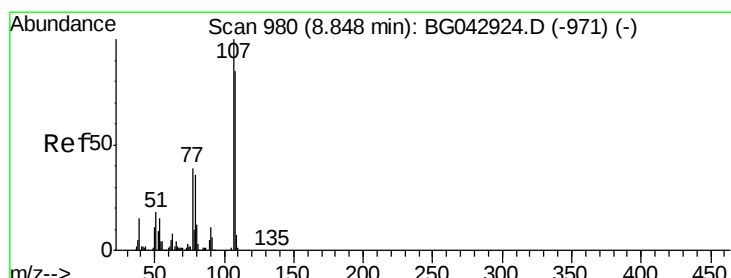
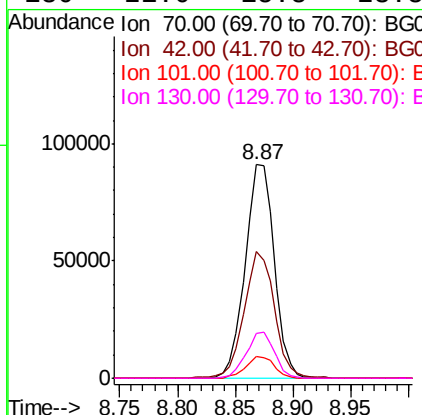
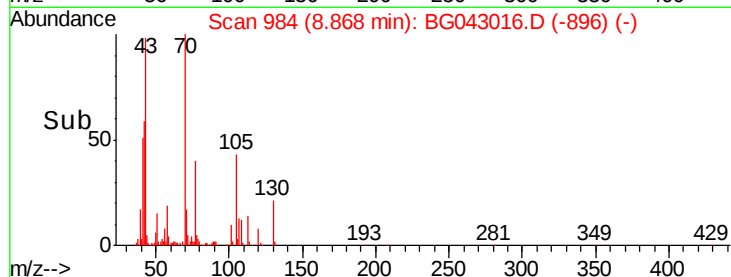
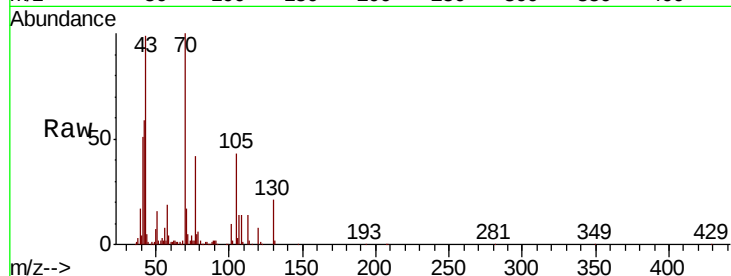
#19
n-Nitroso-di-n-propylamine
Concen: 41.150 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		160869		
42	59.3	52.6	79.0		
101	10.2	8.7	13.1		
130	21.0	15.8	23.8		

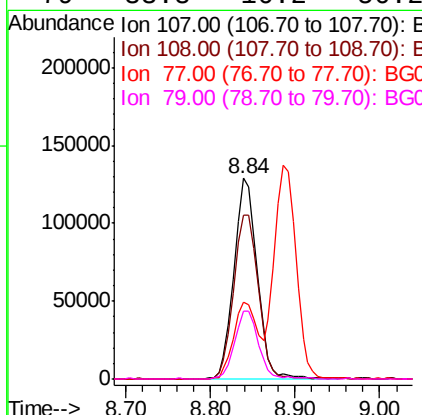
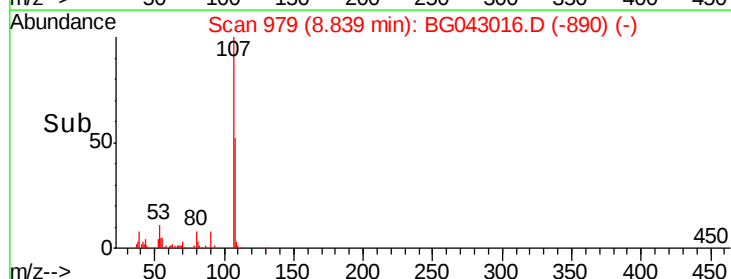
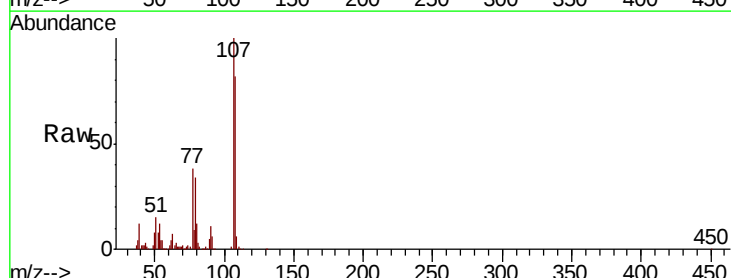
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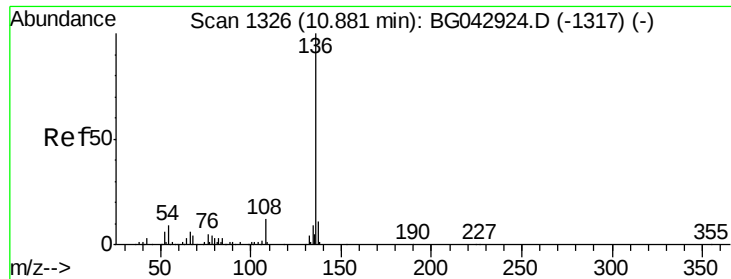
mohammad
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#20
3+4-Methylphenols
Concen: 46.413 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		243100		
108	81.8	64.9	104.9		
77	38.2	19.4	59.4		
79	33.8	16.2	56.2		





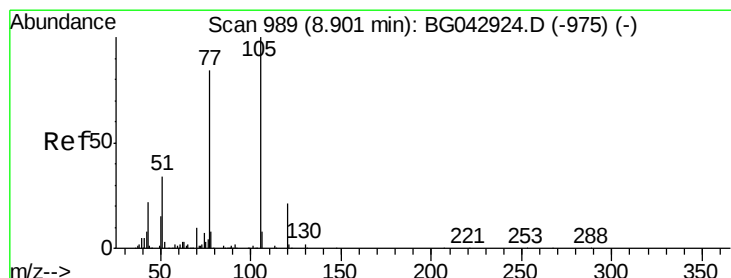
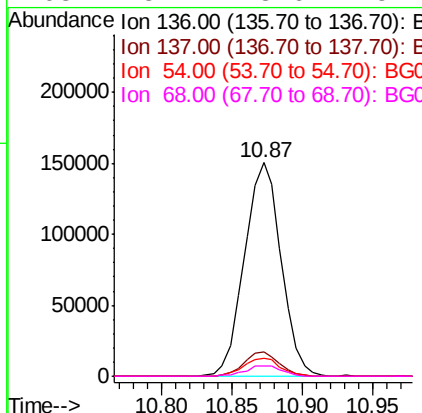
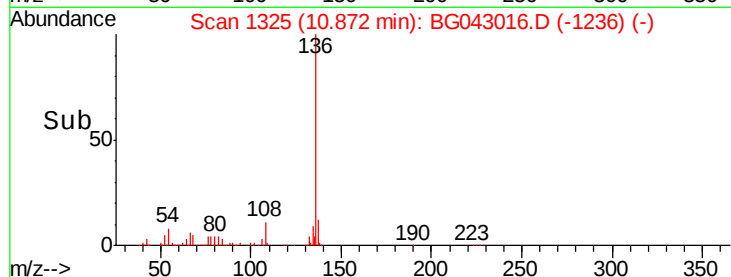
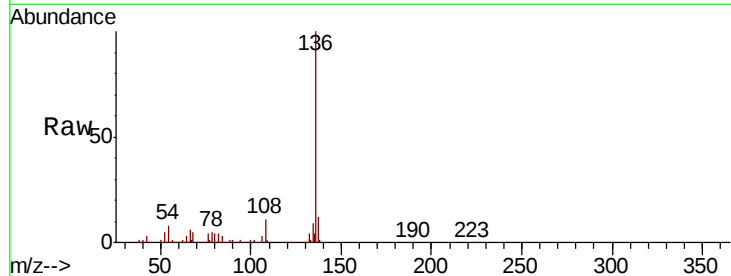
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		273482		
137	11.6		8.5	12.7	
54	8.3		7.4	11.2	
68	5.1		3.6	5.4	

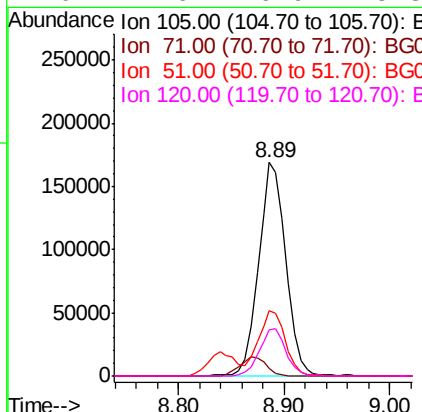
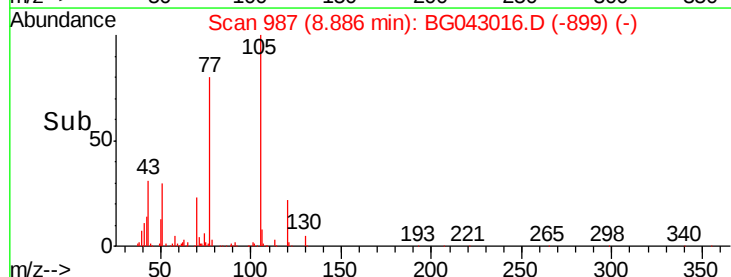
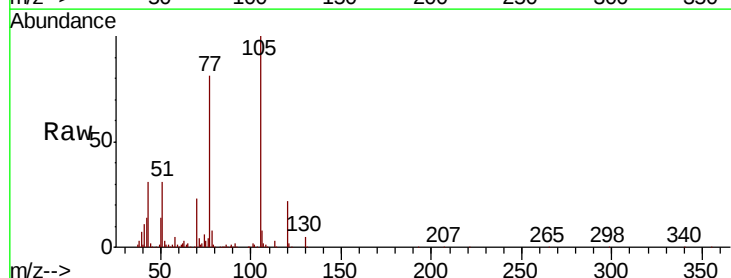
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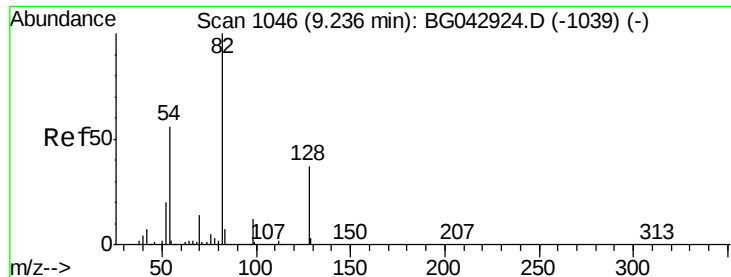
mohammad
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#22
Acetophenone
Concen: 42.922 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		302578		
71	3.6		1.2	1.8#	
51	30.6		27.2	40.8	
120	21.6		16.9	25.3	





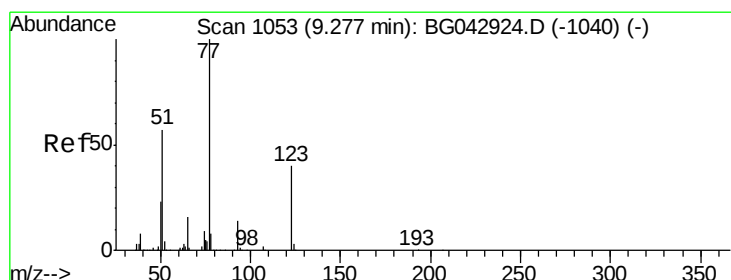
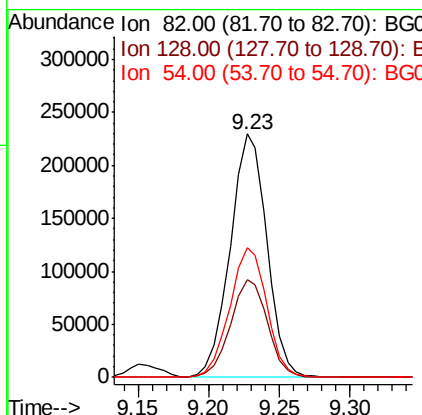
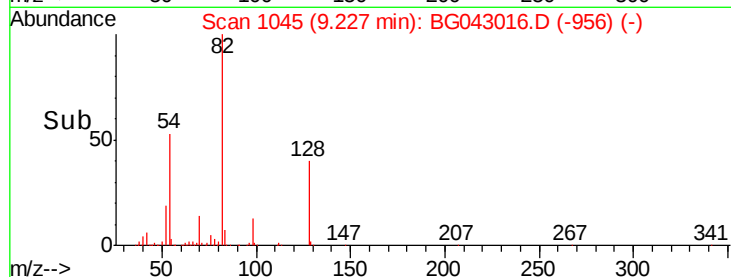
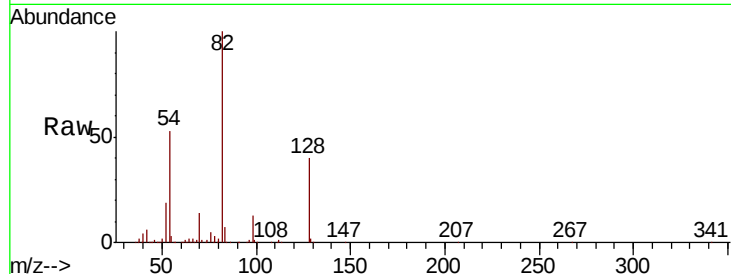
#23
Nitrobenzene-d5
Concen: 73.408 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.5	44.3
54	53.4	44.6	67.0

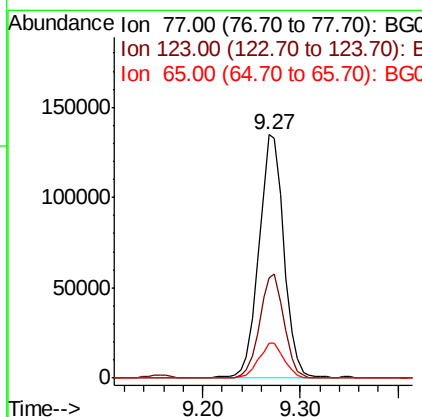
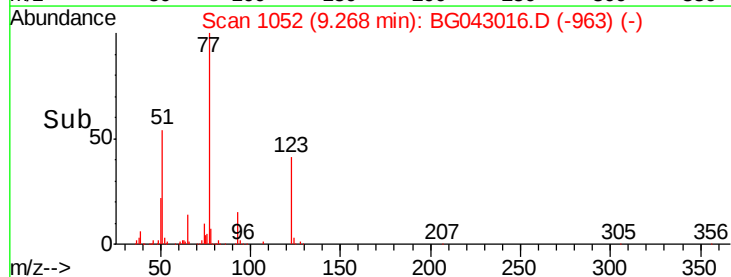
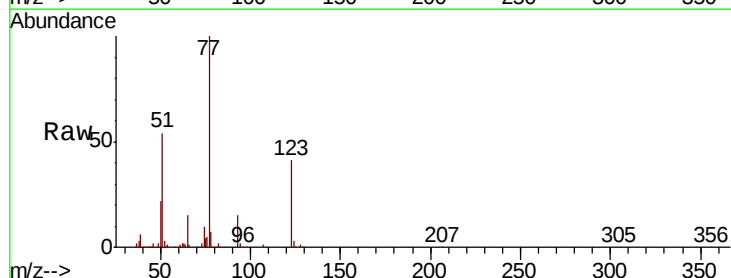
Manual Integrations
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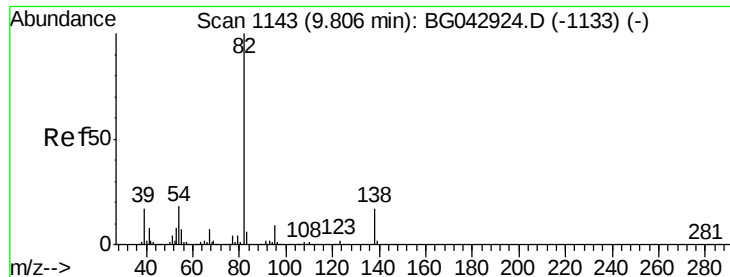
mohammad
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#24
Nitrobenzene
Concen: 45.493 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	31.9	47.9
65	14.6	12.4	18.6





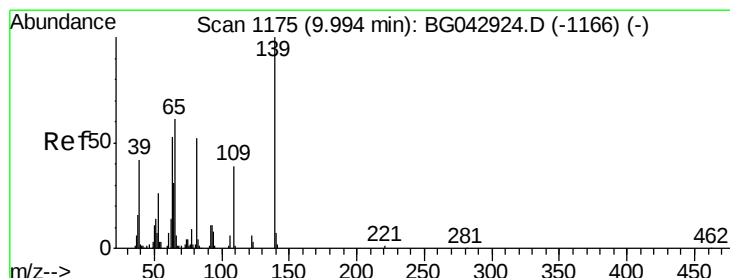
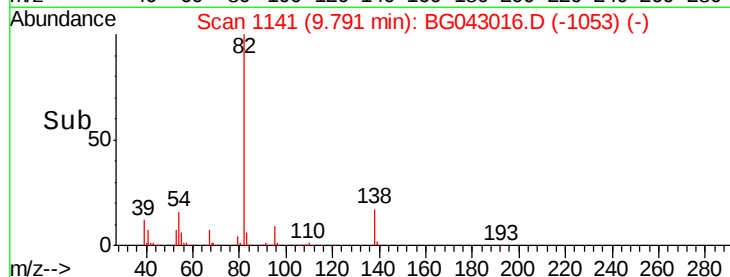
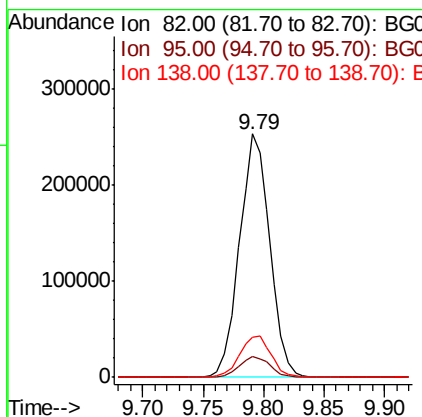
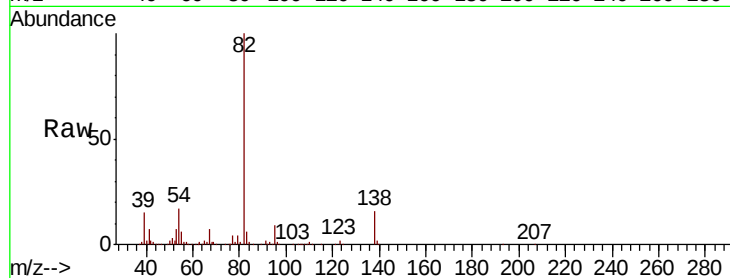
#25
Isophorone
Concen: 44.649 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.7	7.0	10.4
138	16.5	13.8	20.6

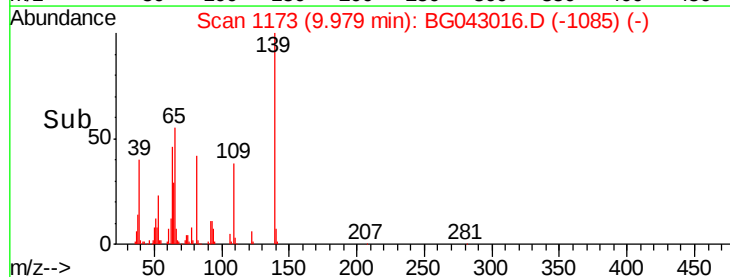
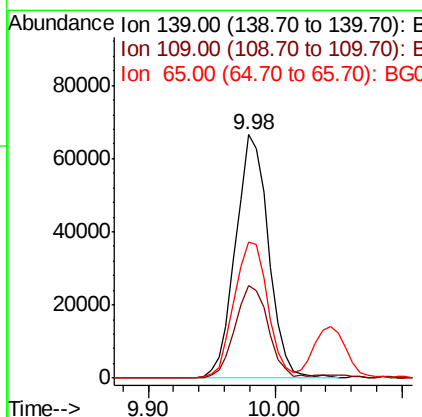
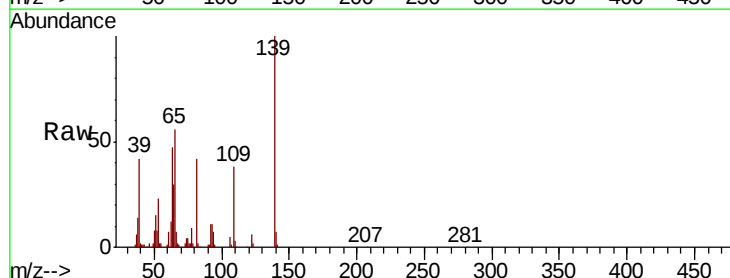
Manual Integrations
APPROVED

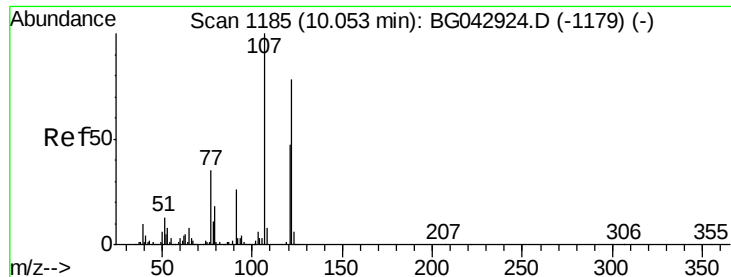
mohammad
10/7/2019 8:26:33 AM



#26
2-Nitrophenol
Concen: 52.446 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.3	31.0	46.6
65	55.8	48.4	72.6





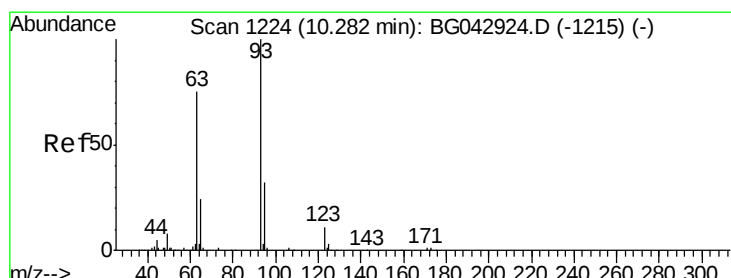
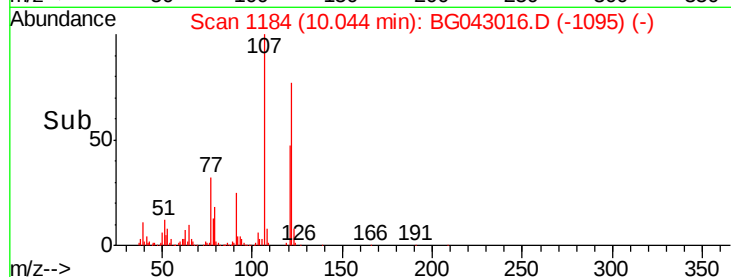
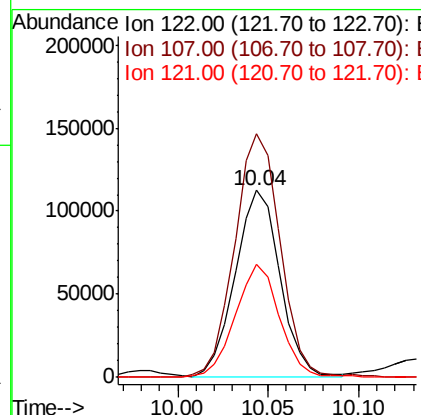
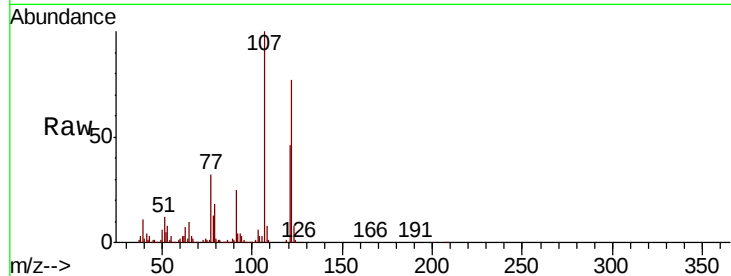
#27
2,4-Dimethylphenol
Concen: 54.808 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	192302		
107	130.3	102.2	153.2	
121	60.5	48.5	72.7	

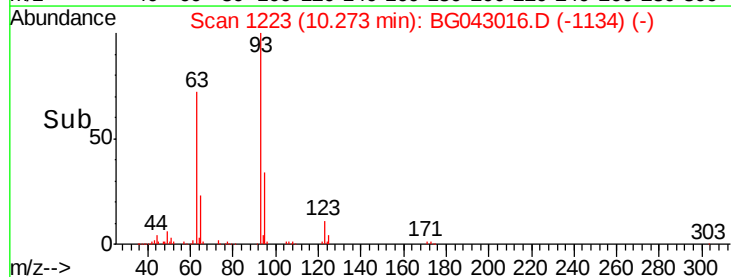
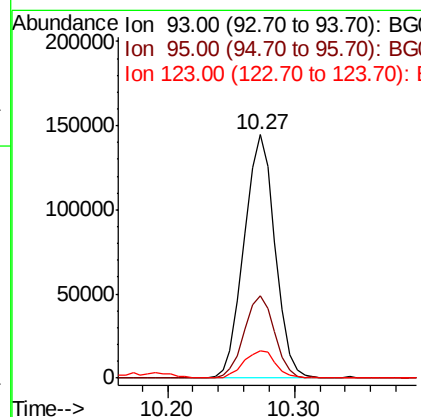
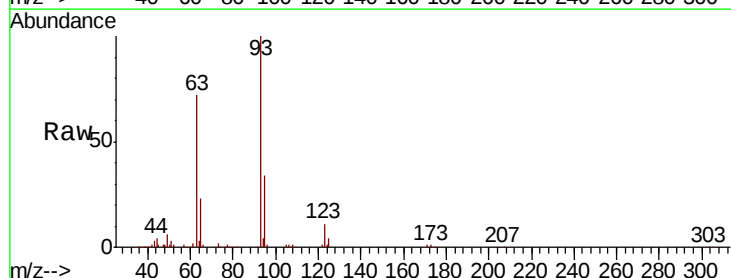
Manual Integrations
APPROVED

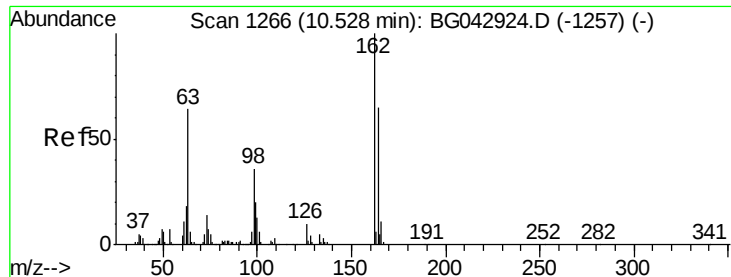
mohammad
10/7/2019 8:26:33 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.718 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245149		
95	33.9	25.4	38.0	
123	11.2	9.3	13.9	





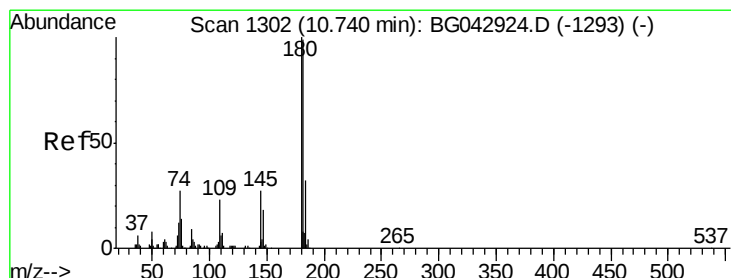
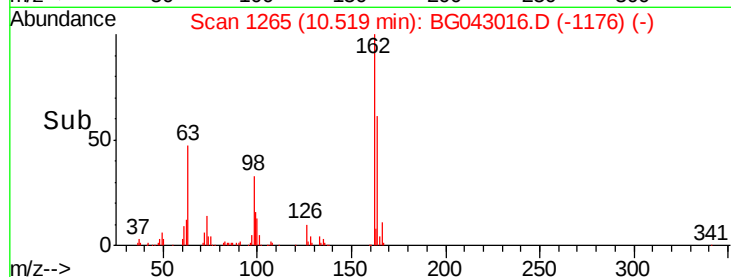
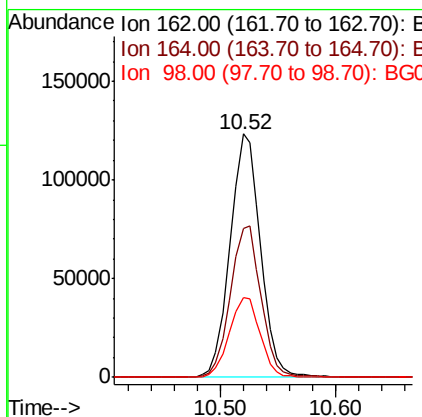
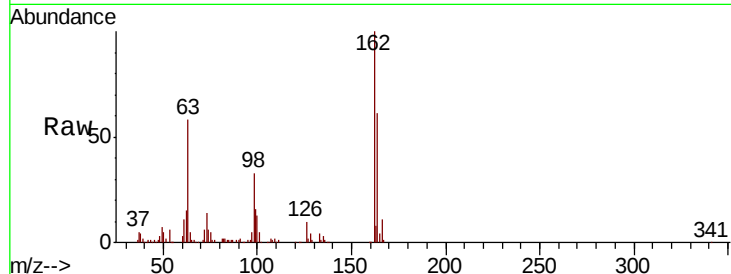
#29
2,4-Dichlorophenol
Concen: 51.500 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	224731		
164	61.4	44.7	84.7	
98	32.7	16.0	56.0	

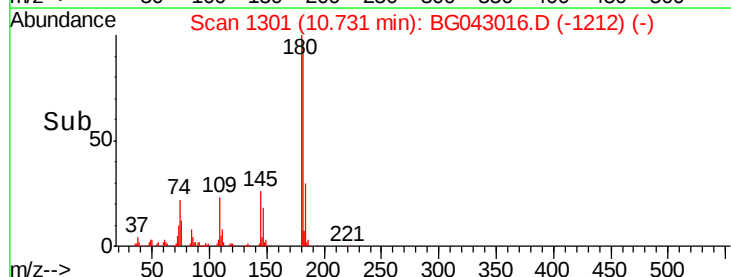
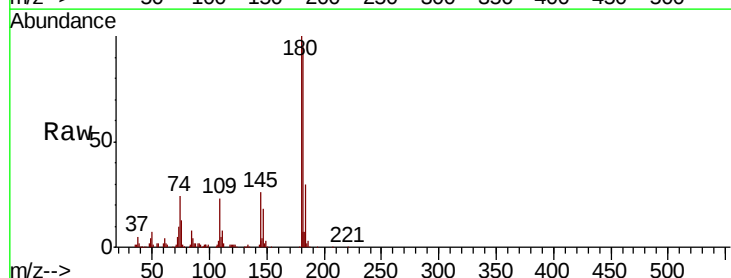
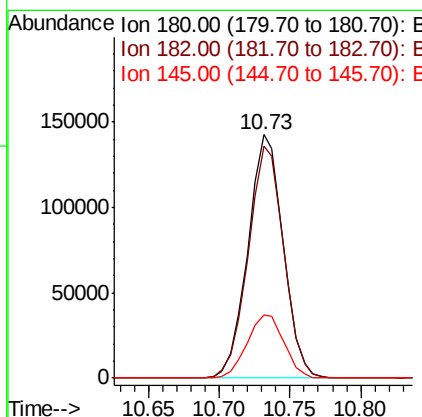
Manual Integrations
APPROVED

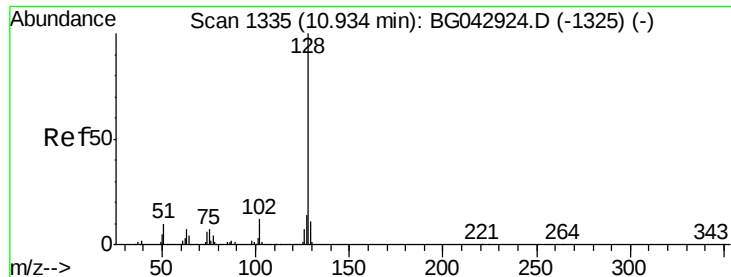
mohammad
10/7/2019 8:26:33 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.300 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	249637		
182	95.2	79.3	118.9	
145	26.0	22.0	33.0	





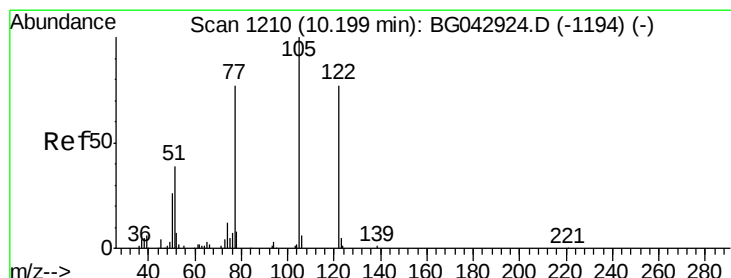
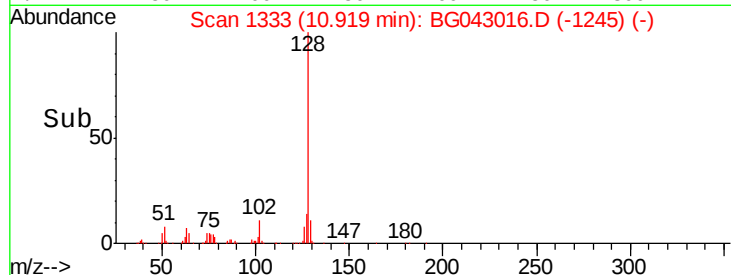
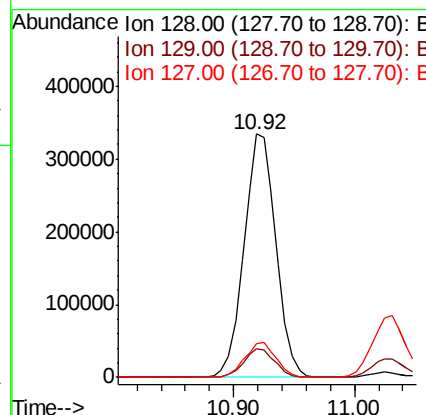
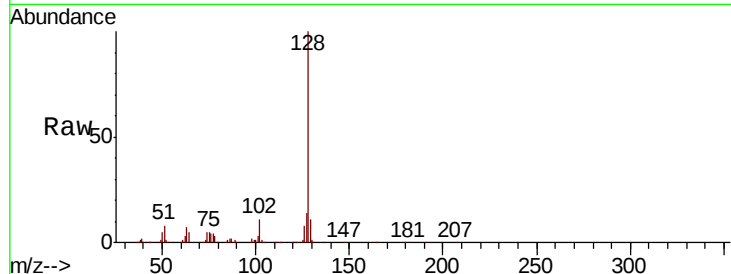
#31
Naphthalene
Concen: 45.550 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	613212		
129	11.5	8.8	13.2	
127	13.8	11.3	16.9	

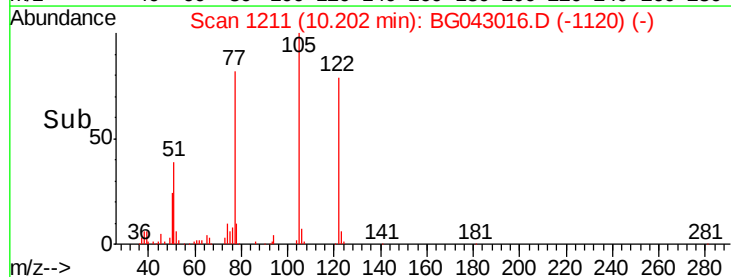
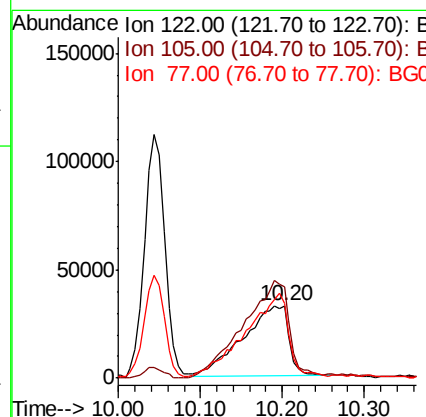
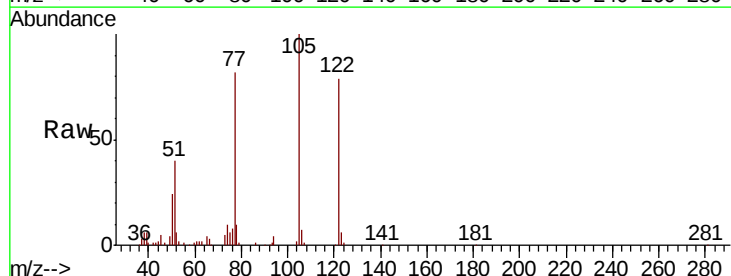
Manual Integrations
APPROVED

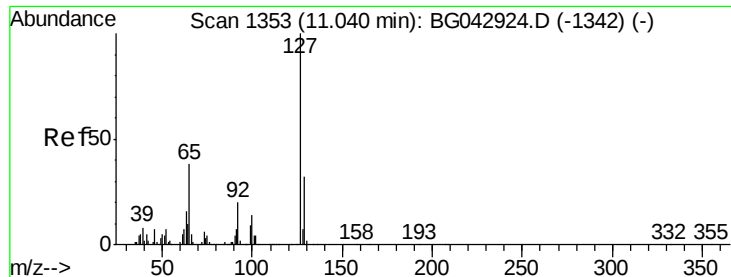
mohammad
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#32
Benzoic acid
Concen: 47.442 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129266		
105	126.4	107.5	147.5	
77	103.6	79.8	119.8	





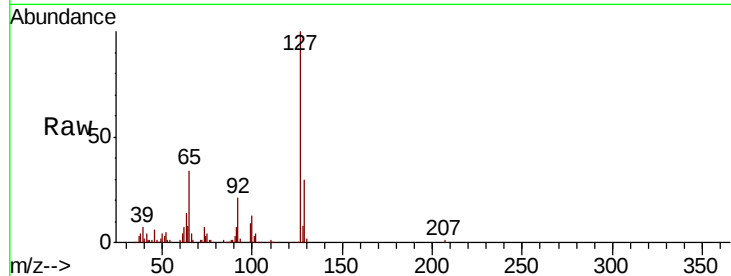
#33
4-Chloroaniline
Concen: 27.978 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	26.2	39.2		
65	33.9	30.6	45.8		
92	20.8	16.2	24.4		

Manual Integrations
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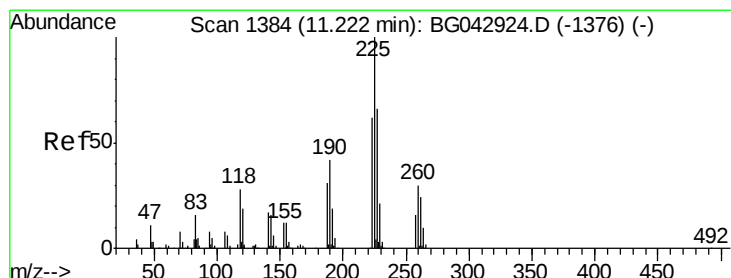
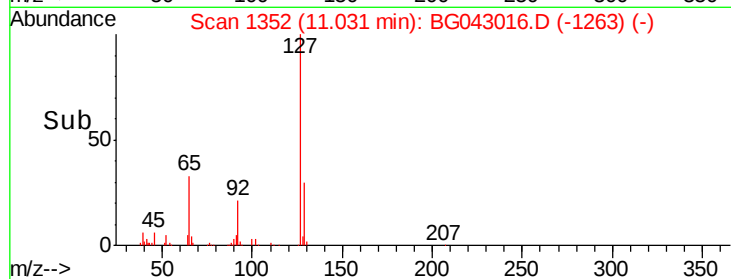
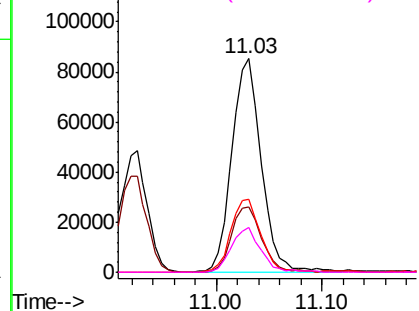
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

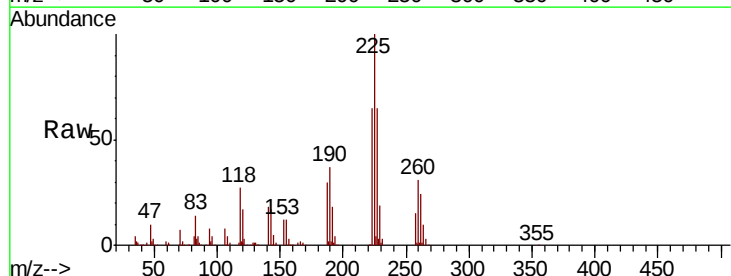
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.559 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	49.3	73.9		
227	65.4	52.8	79.2		

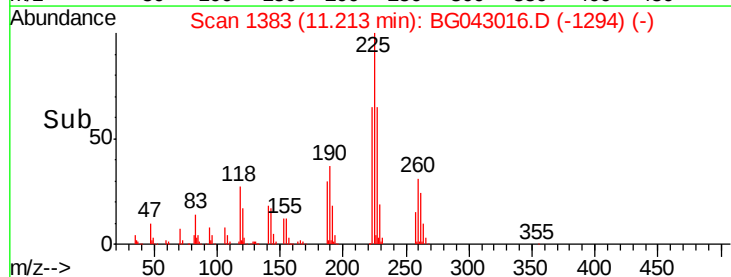
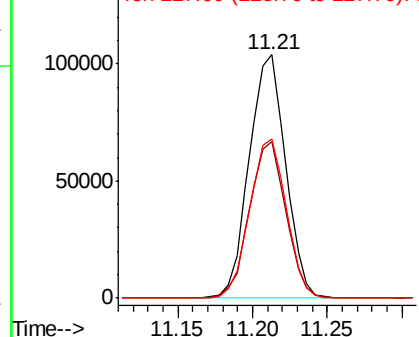


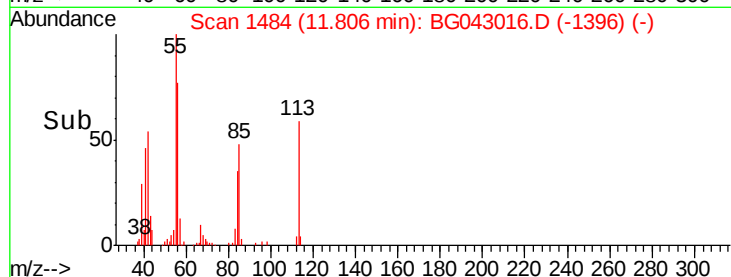
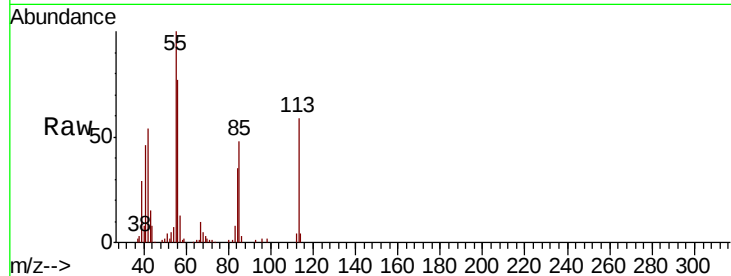
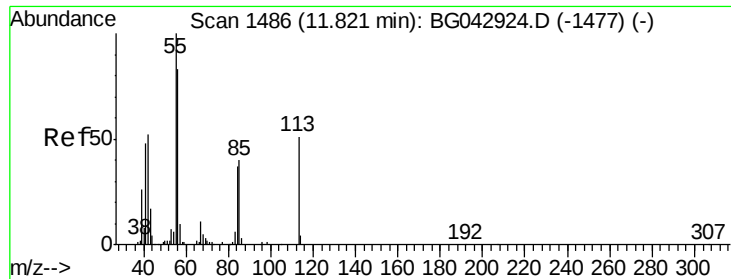
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





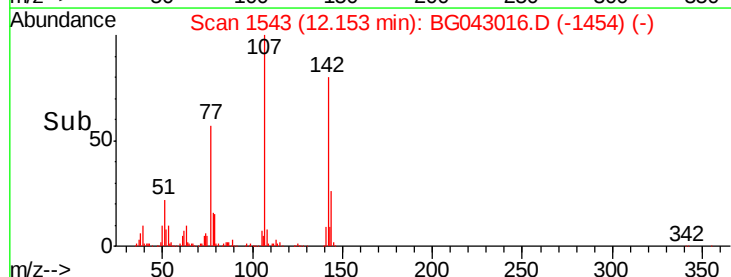
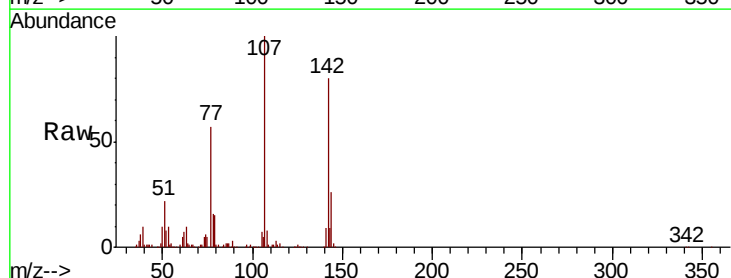
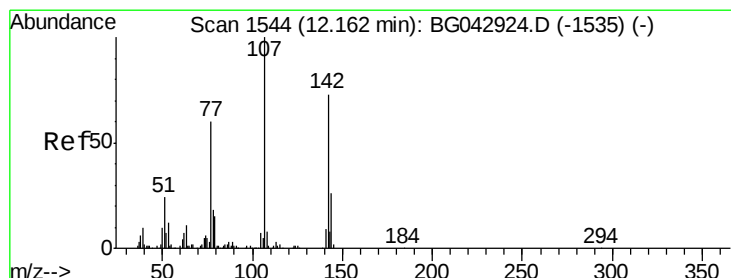
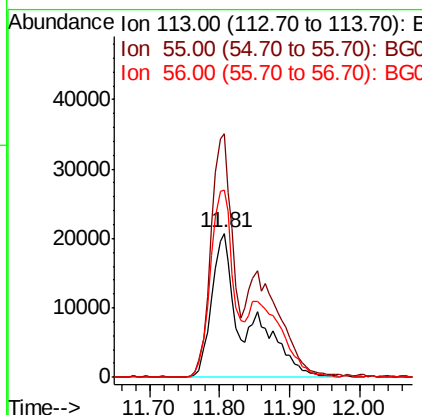
#35
Caprolactam
Concen: 45.908 ng/ml
RT: 11.81 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.8	175.5	215.5#
56	130.2	142.3	182.3#

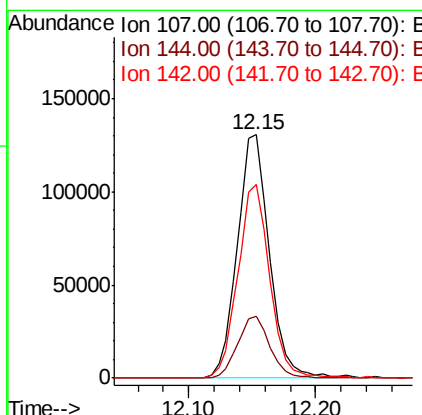
Manual Integrations
APPROVED

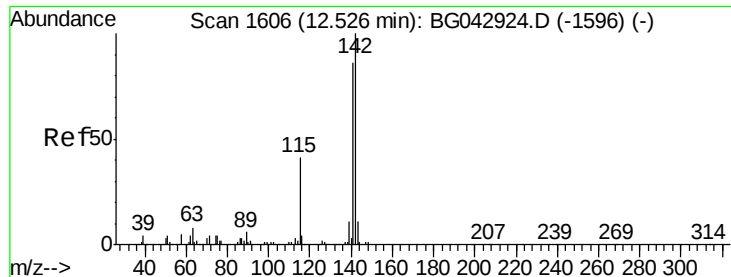
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.149 ng/ml
RT: 12.15 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.7	31.1
142	79.7	58.6	87.8





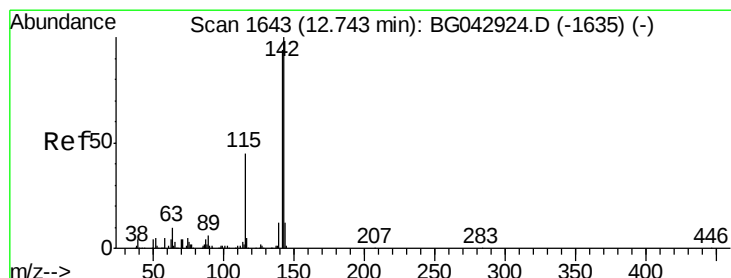
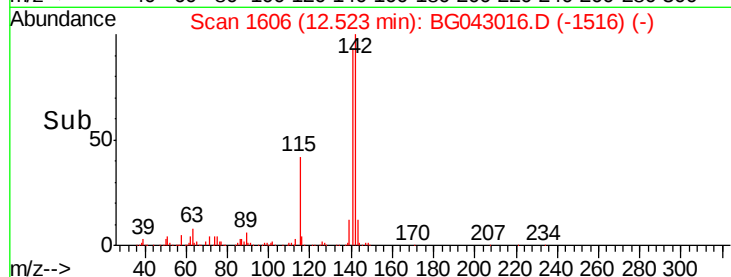
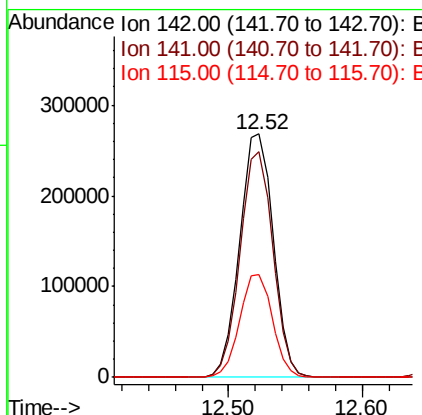
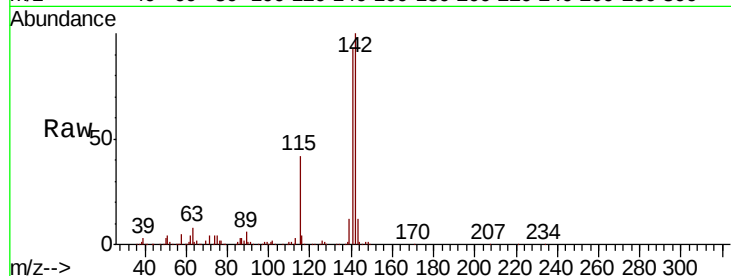
#37
2-Methylnaphthalene
Concen: 45.491 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	69.0	103.4
115	42.3	32.8	49.2

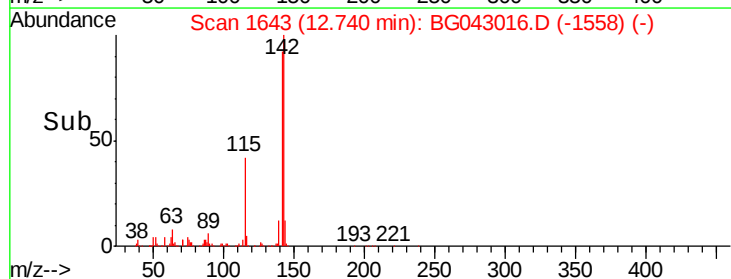
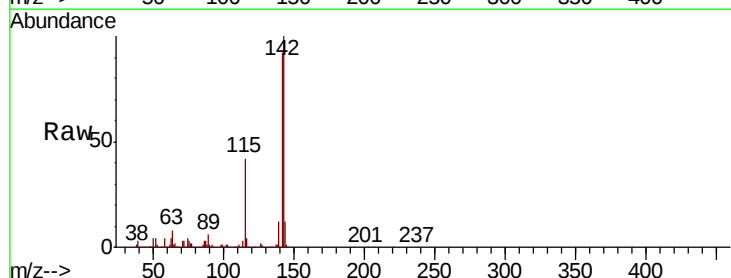
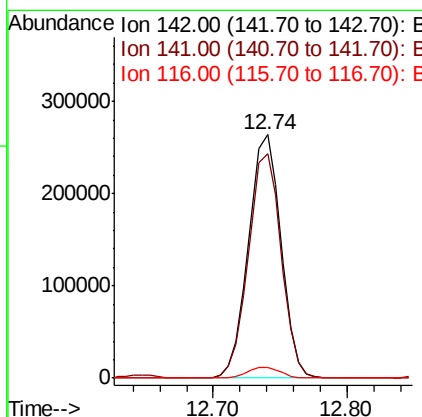
Manual Integrations
APPROVED

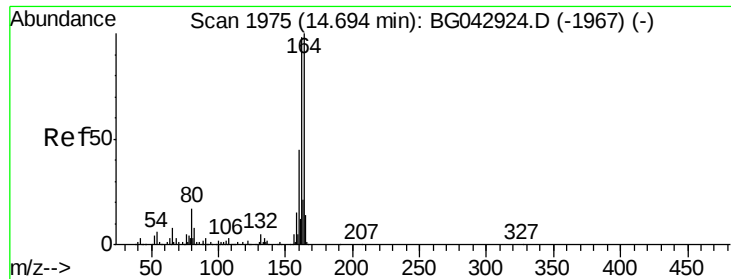
mohammad
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#38
1-Methylnaphthalene
Concen: 45.493 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.9	112.3
116	4.5	3.7	5.5





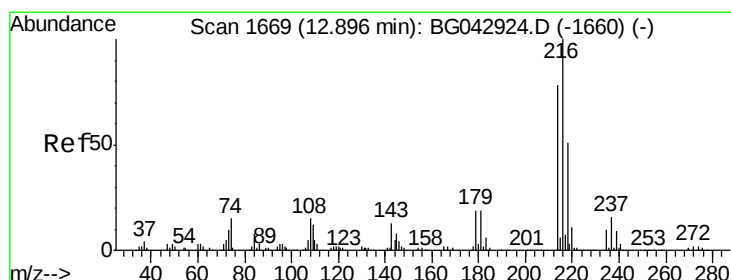
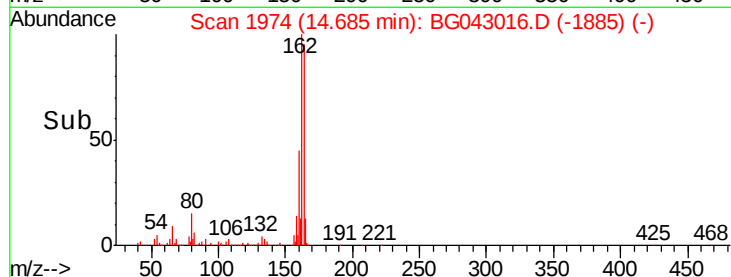
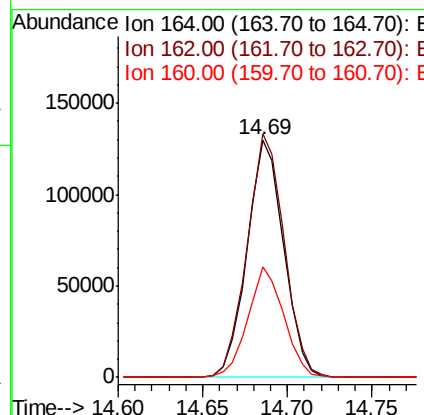
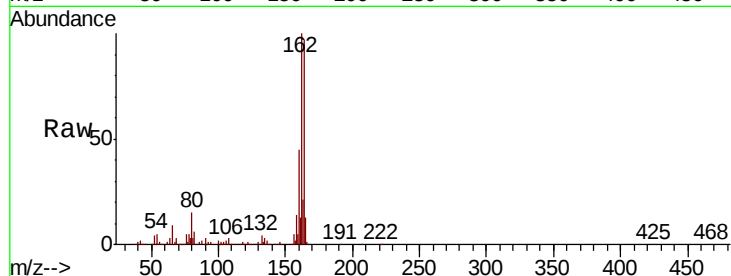
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.5	117.7
160	46.3	35.9	53.9

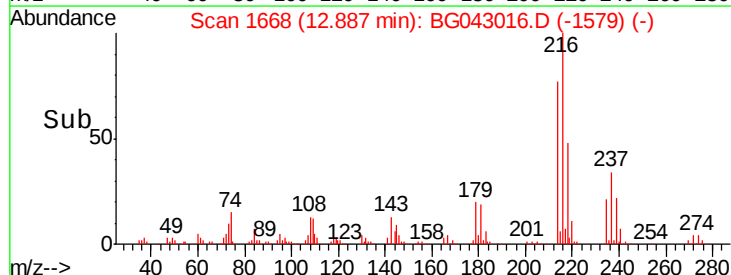
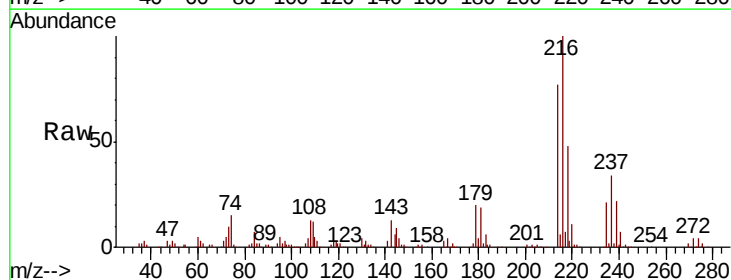
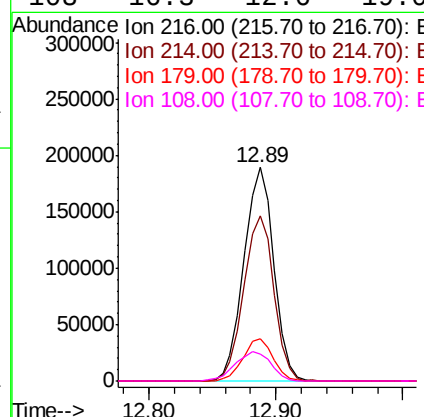
Manual Integrations
APPROVED

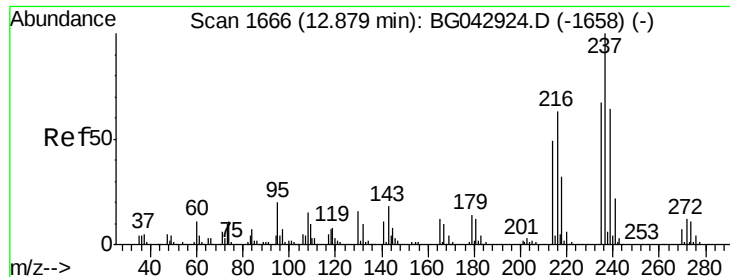
mohammad
10/7/2019 8:26:33 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.976 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	19.8	15.4	23.2
108	16.3	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 79.937 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

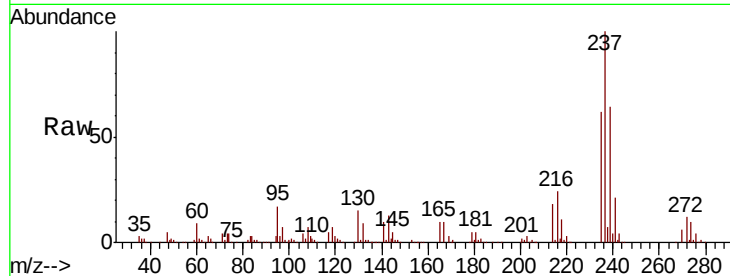
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

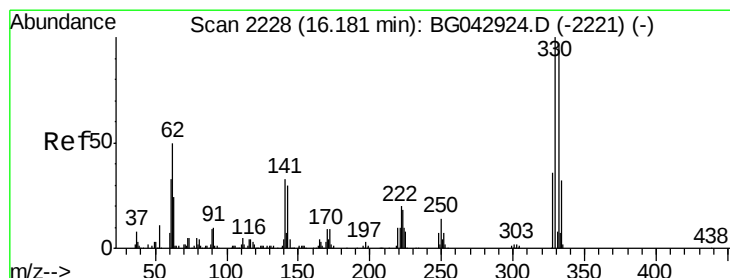
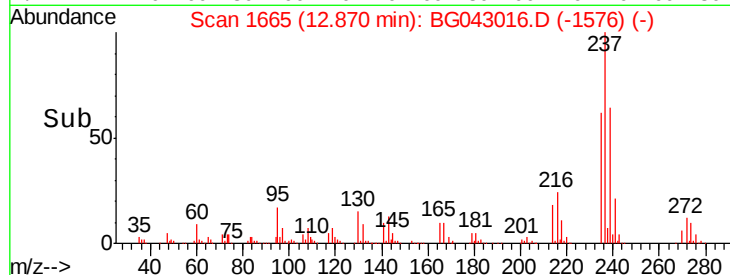
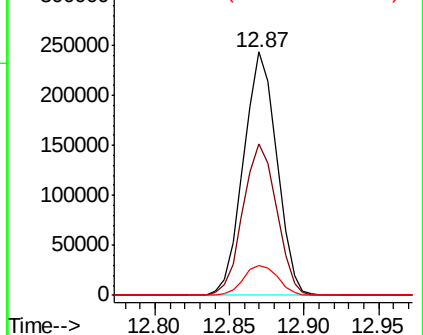
Tot Ion:	237	Resp:	375188
Ion Ratio		Lower	Upper
237	100		
235	62.3	46.7	86.7
272	12.2	0.0	32.3

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: 112.070 ng

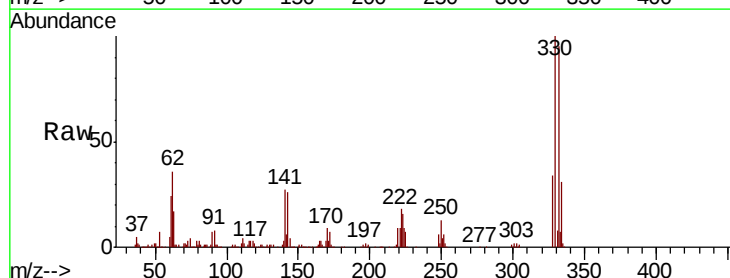
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

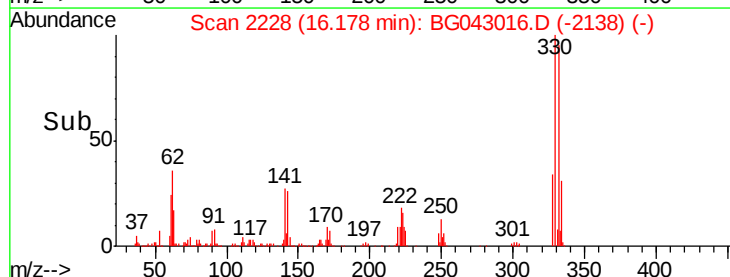
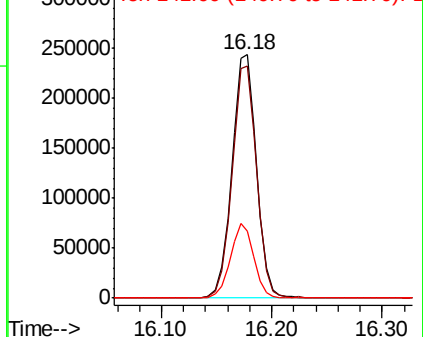
Lab File: BG043016.D

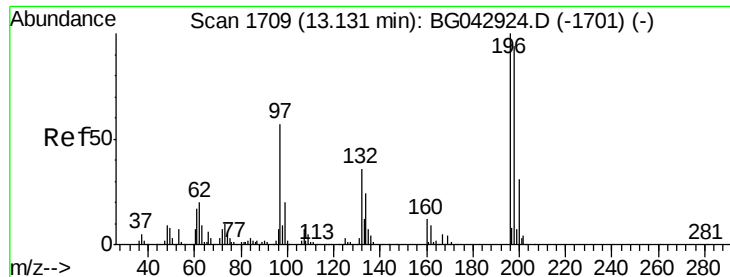
Acq: 3 Oct 2019 17:48

Tgt Ion:	330	Resp:	377559
Ion Ratio		Lower	Upper
330	100		
332	95.6	78.2	117.2
141	29.6	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





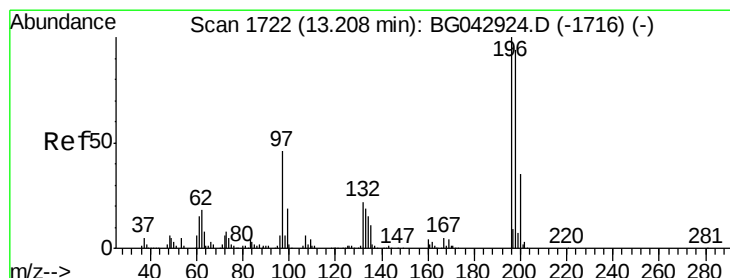
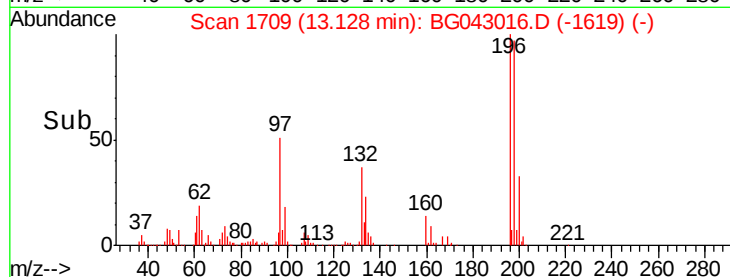
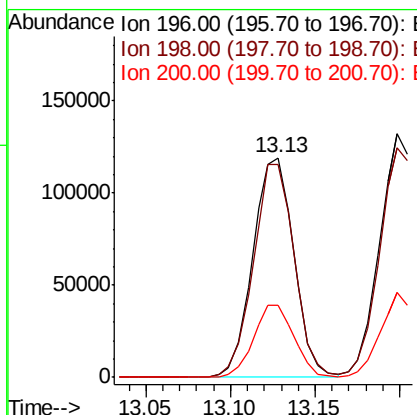
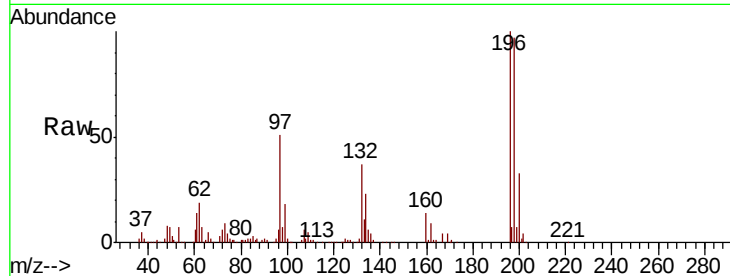
#43
 2,4,6-Trichlorophenol
 Concen: 46.563 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200761		
198	97.1	75.5	113.3	
200	33.0	24.9	37.3	

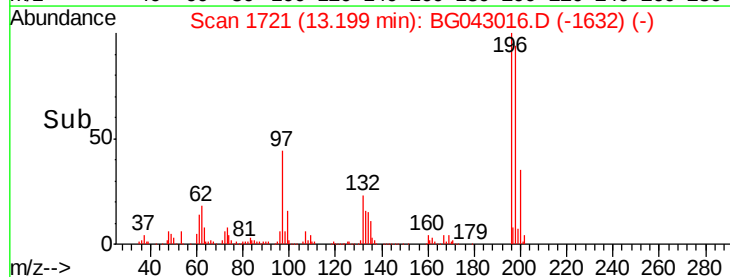
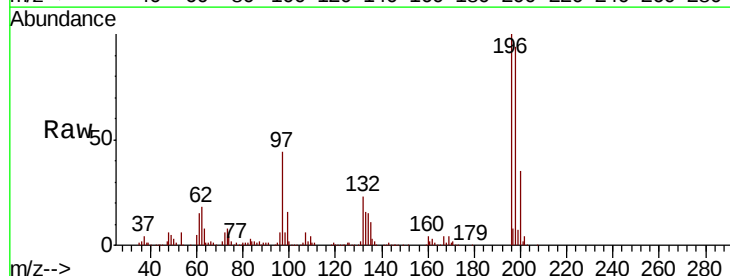
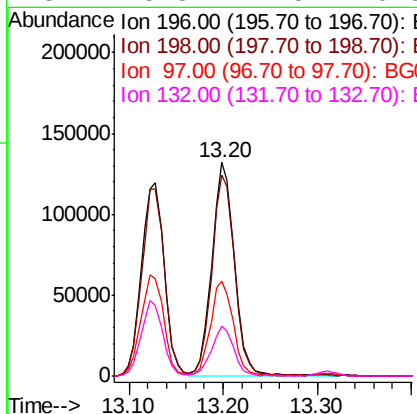
Manual Integrations
 APPROVED

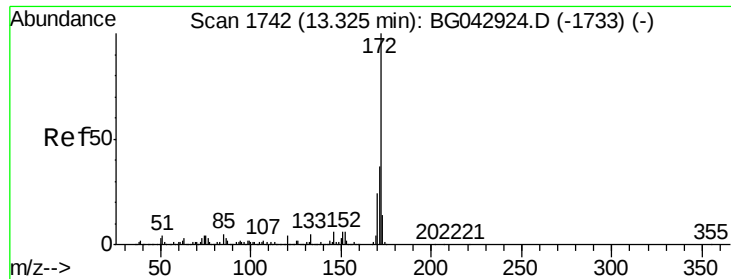
mohammad
 10/7/2019 8:26:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 49.900 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221634		
198	94.3	75.1	112.7	
97	44.3	37.0	55.4	
132	23.3	17.5	26.3	





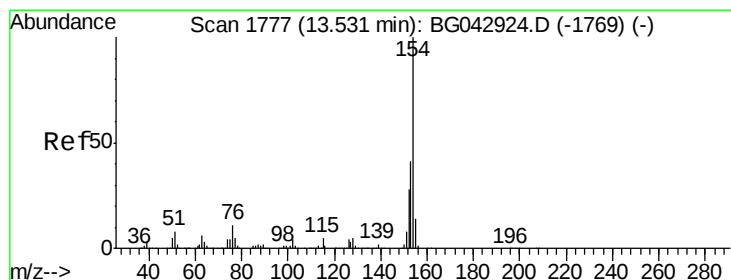
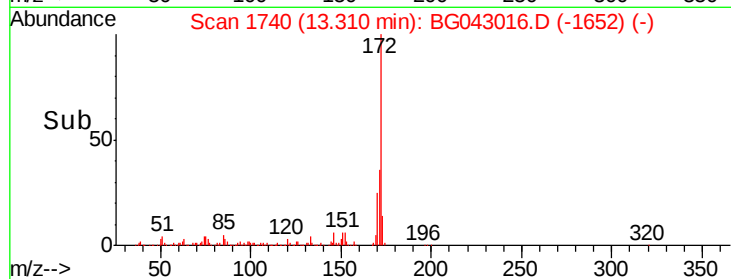
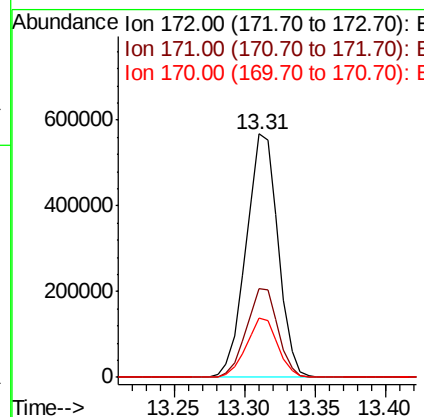
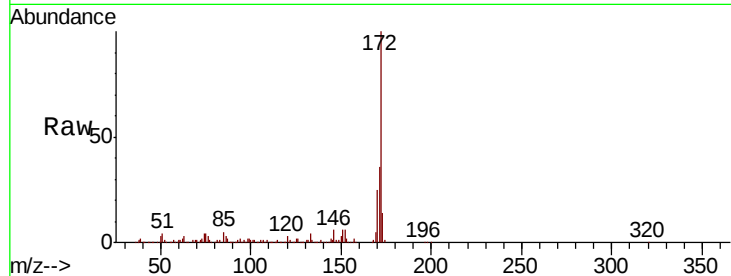
#45
2-Fluorobiphenyl
Concen: 66.491 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	19.6	29.4

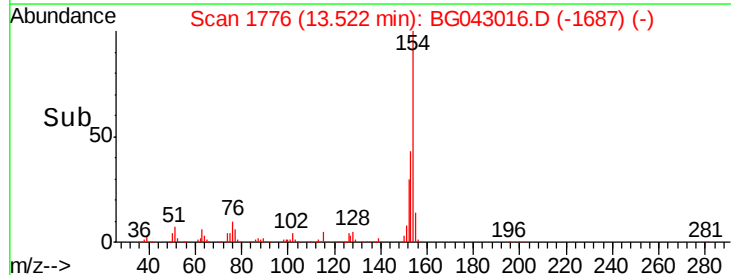
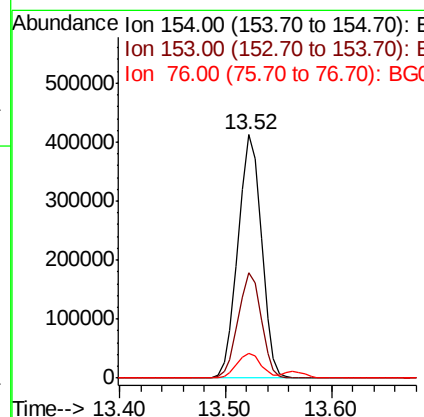
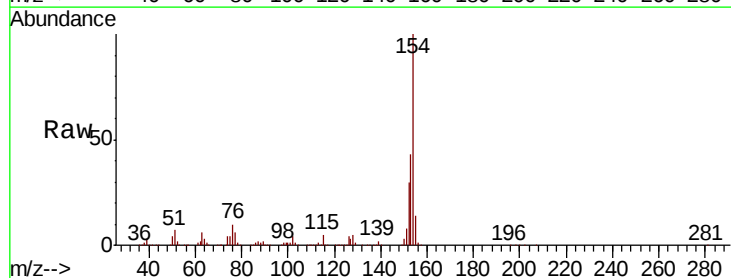
Manual Integrations
APPROVED

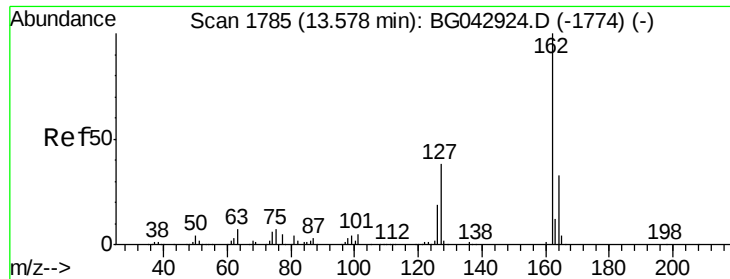
mohammad
10/7/2019 8:26:33 AM



#46
1,1'-Biphenyl
Concen: 42.556 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	43.2	21.4	61.4
76	10.2	0.0	31.3





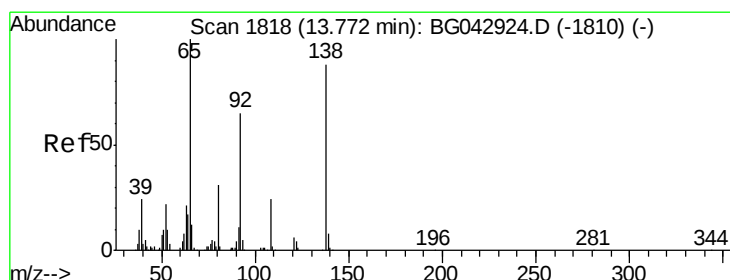
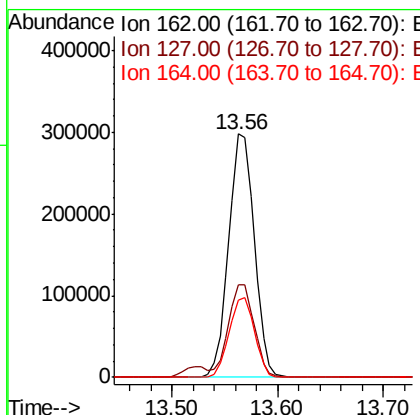
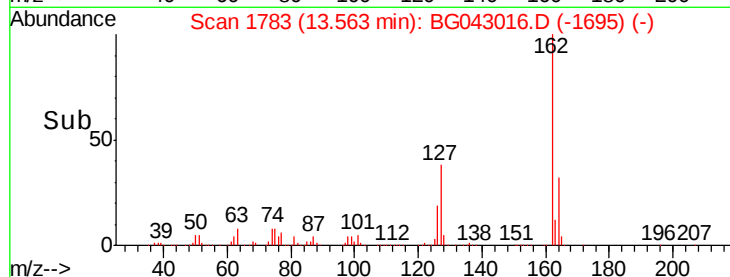
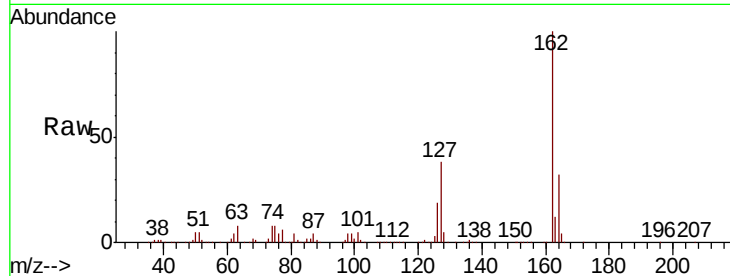
#47
2-Chloronaphthalene
Concen: 44.739 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.2	31.0	46.6	
164	31.7	26.2	39.2	

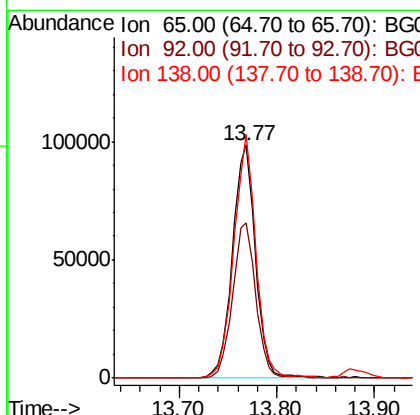
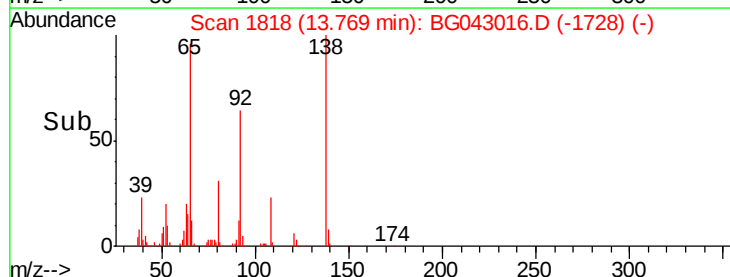
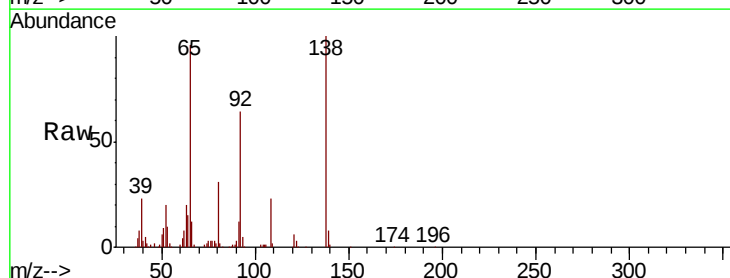
Manual Integrations
APPROVED

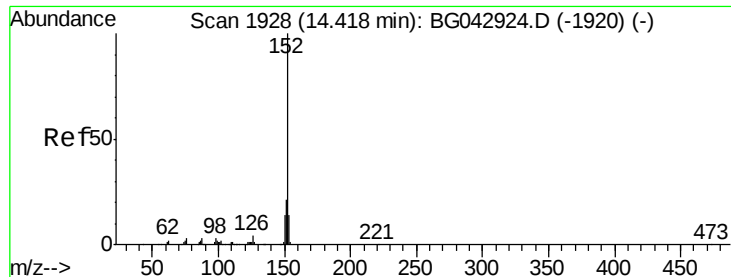
mohammad
10/7/2019 8:26:33 AM



#48
2-Nitroaniline
Concen: 43.535 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.5	52.0	78.0	
138	104.6	70.4	105.6	





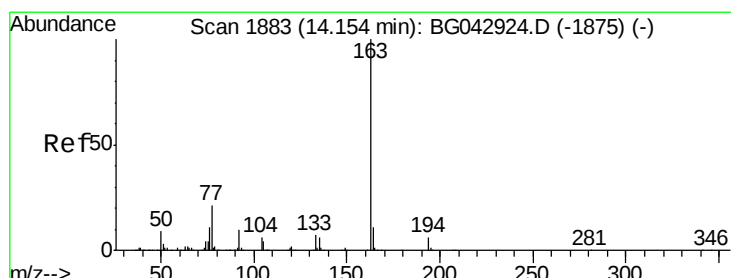
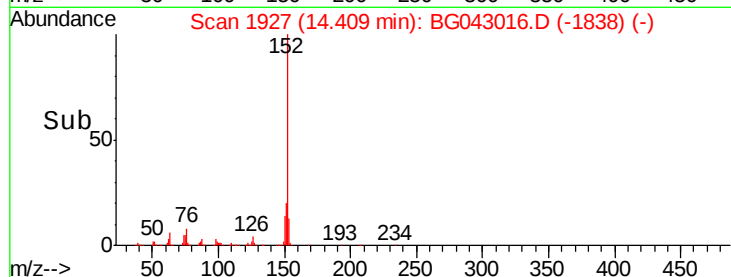
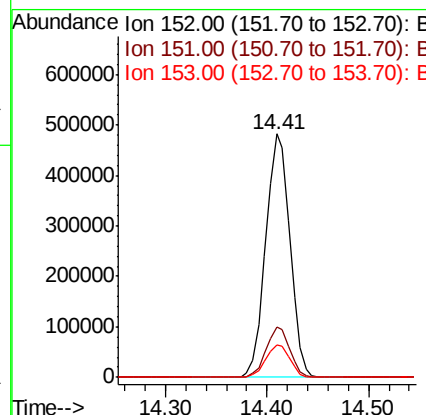
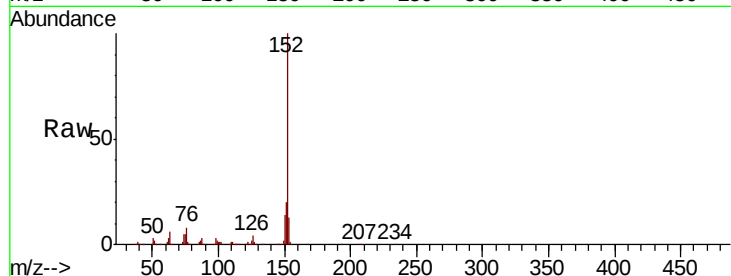
#49
Acenaphthylene
Concen: 46.849 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		798543		
151	20.5	16.8	25.2		
153	13.2	11.3	16.9		

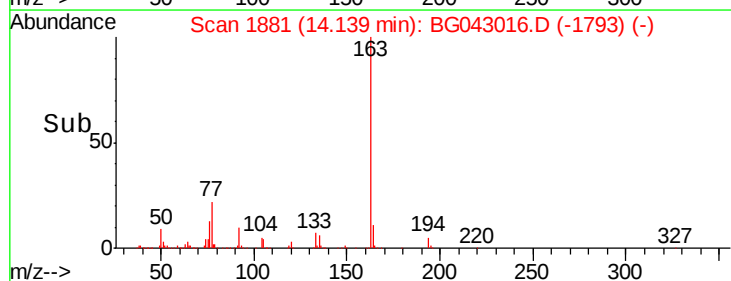
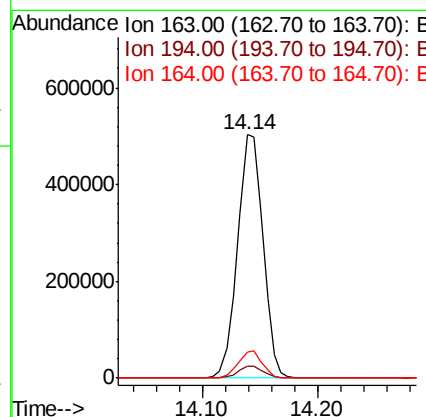
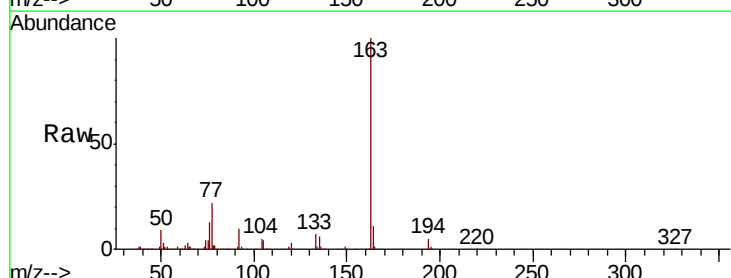
Manual Integrations
APPROVED

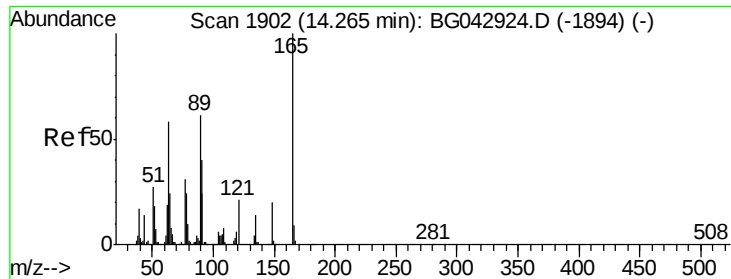
mohammad
10/7/2019 8:26:33 AM



#50
Dimethylphthalate
Concen: 52.287 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		767542		
194	5.0	4.4	6.6		
164	10.7	8.6	12.8		





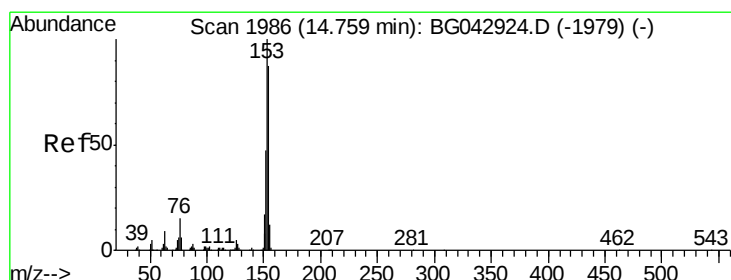
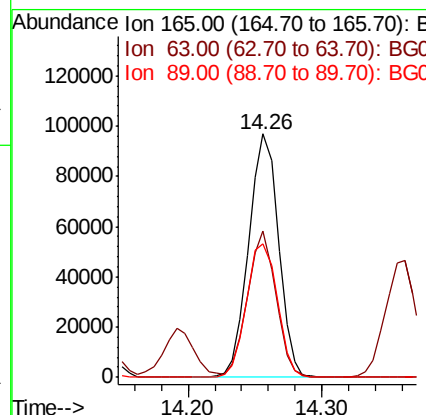
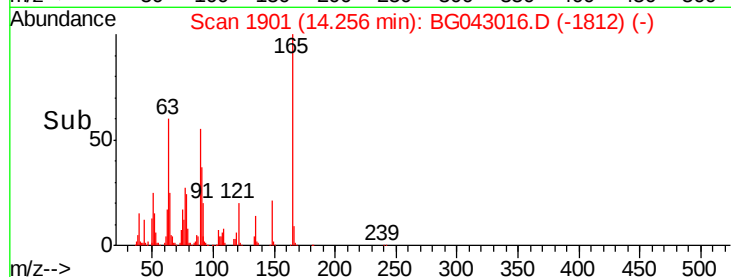
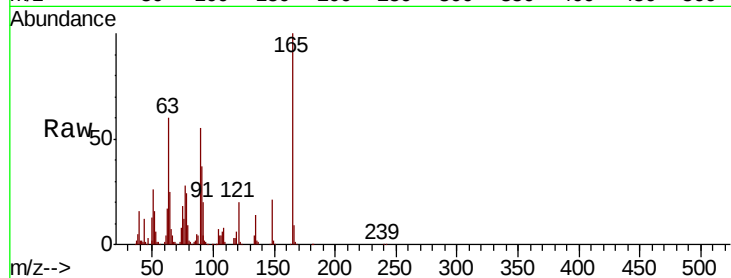
#51
 2,6-Dinitrotoluene
 Concen: 47.725 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.1	50.3	75.5
89	55.0	48.9	73.3

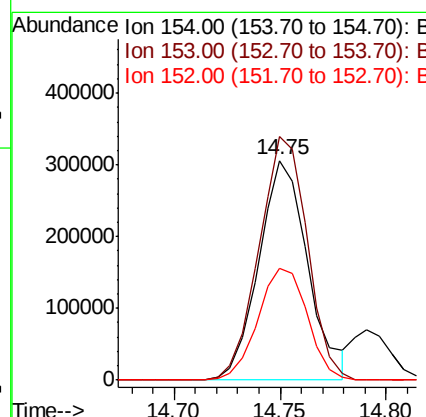
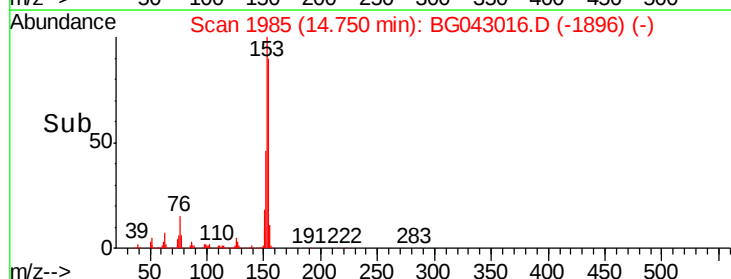
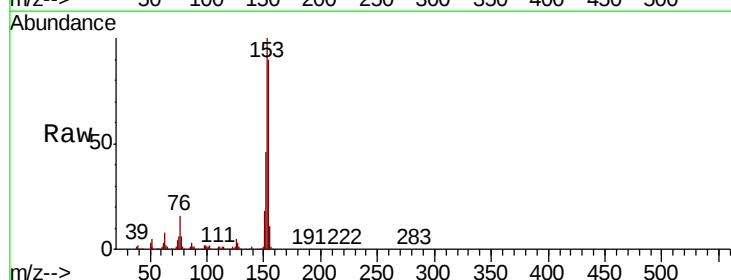
Manual Integrations
 APPROVED

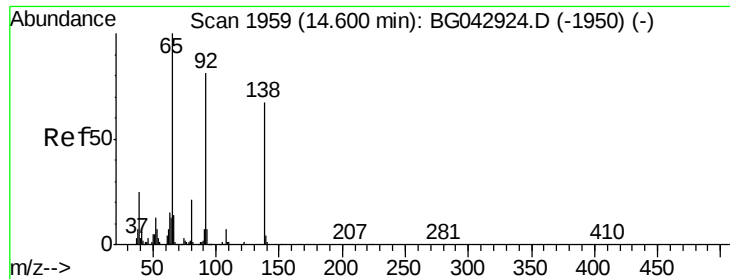
mohammad
 10/7/2019 8:26:33 AM



#52
 Acenaphthene
 Concen: 43.306 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.4	137.0
152	50.8	42.8	64.2





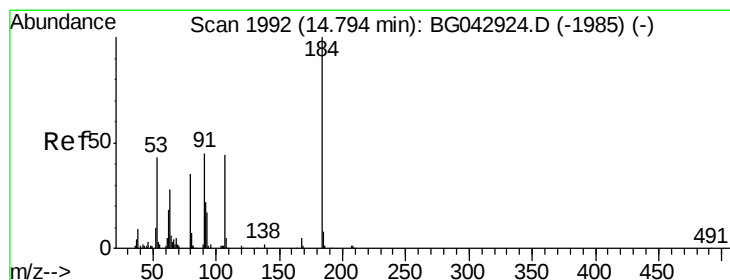
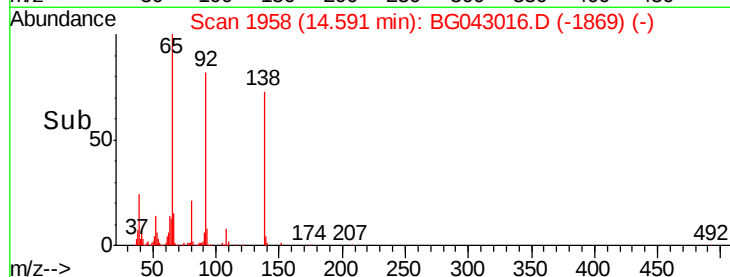
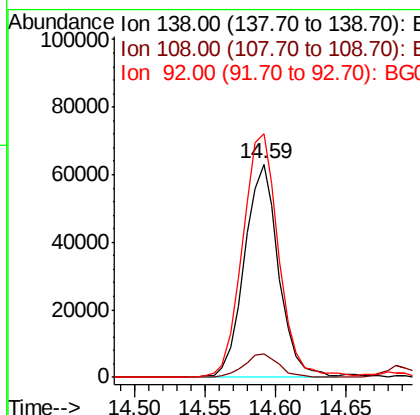
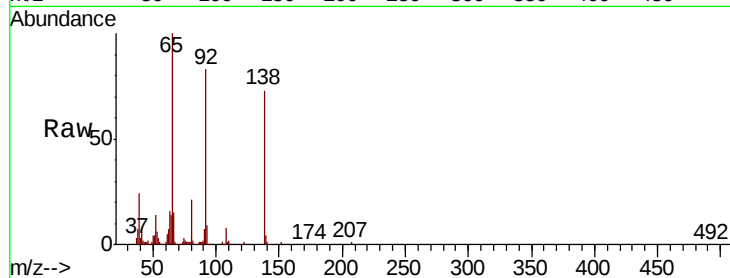
#53
3-Nitroaniline
Concen: 33.100 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.9	11.9
92	114.3	97.0	145.6

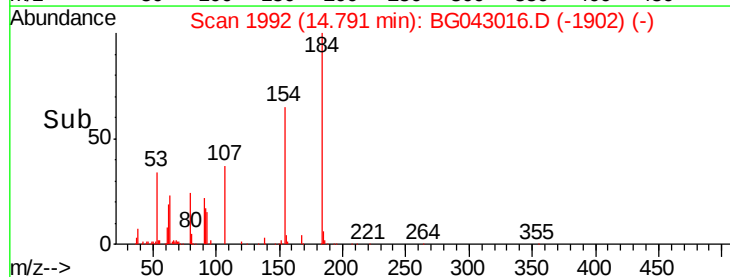
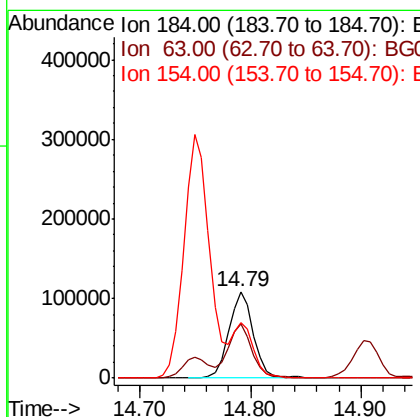
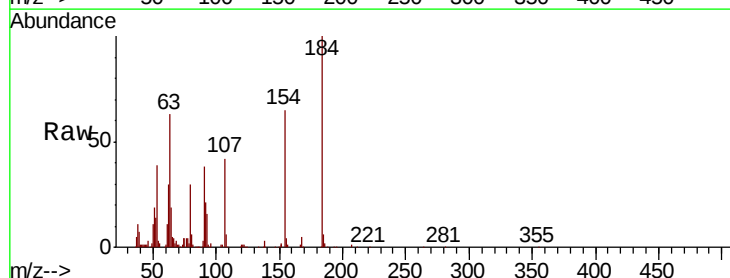
Manual Integrations
APPROVED

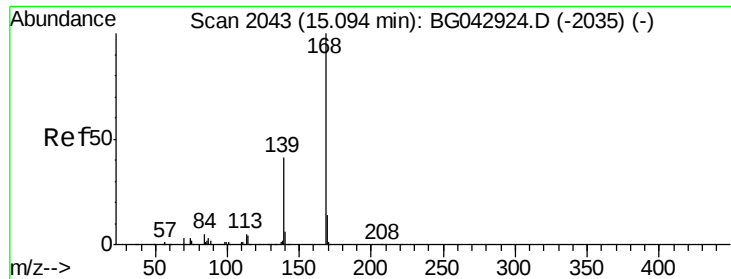
mohammad
10/7/2019 8:26:33 AM



#54
2,4-Dinitrophenol
Concen: 87.001 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	55.0	82.6
154	64.8	56.5	84.7





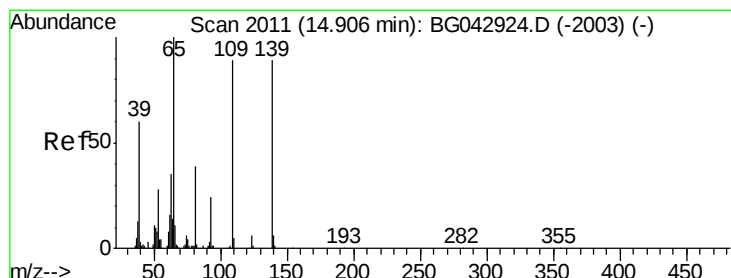
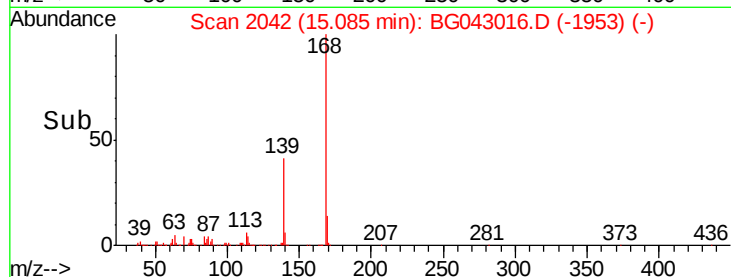
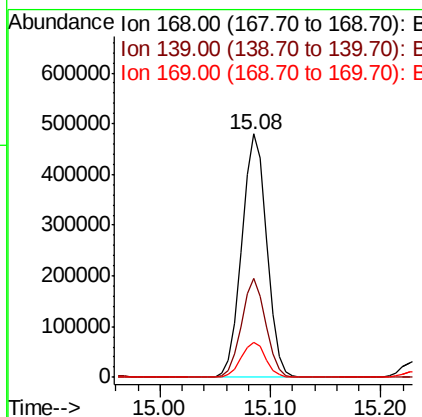
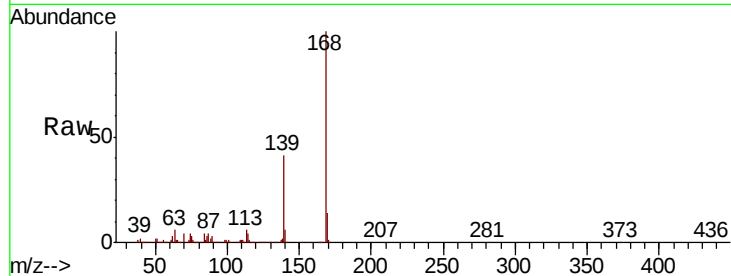
#55
Dibenzofuran
Concen: 45.267 ng
RT: 15.08 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.6	48.8
169	14.2	11.2	16.8

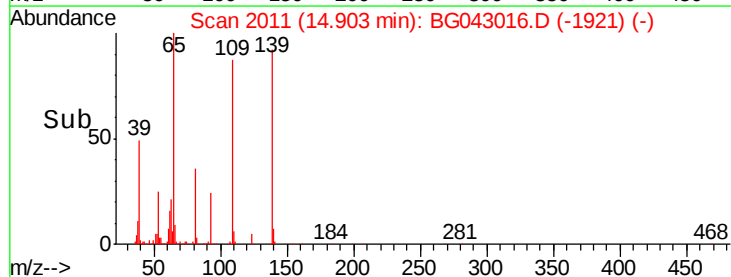
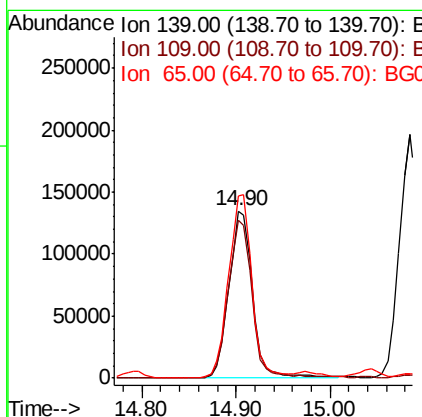
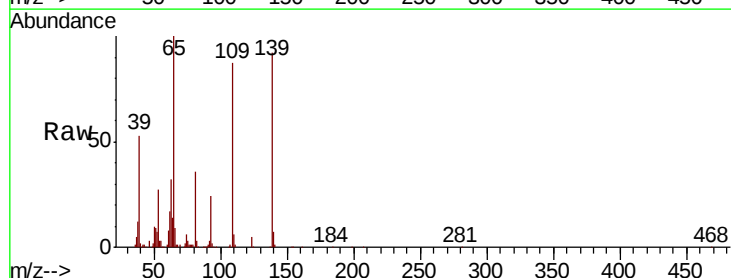
Manual Integrations
APPROVED

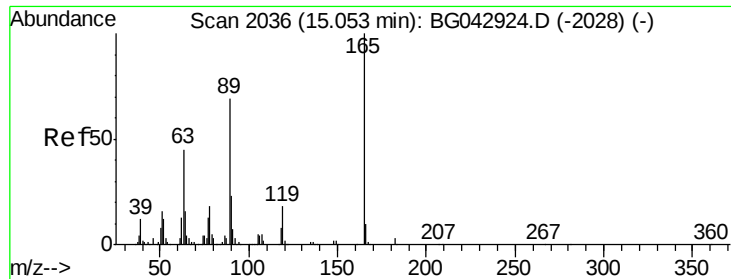
mohammad
10/7/2019 8:26:33 AM



#56
4-Nitrophenol
Concen: 96.098 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.7	79.4	119.4
65	109.2	92.5	132.5





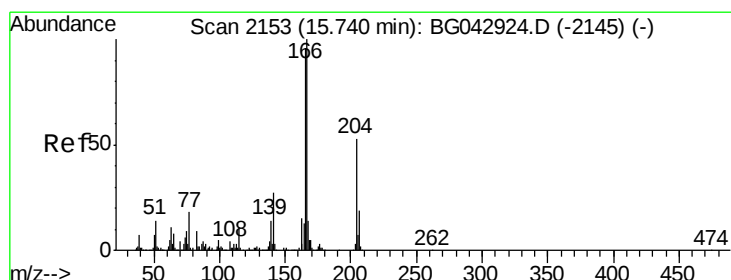
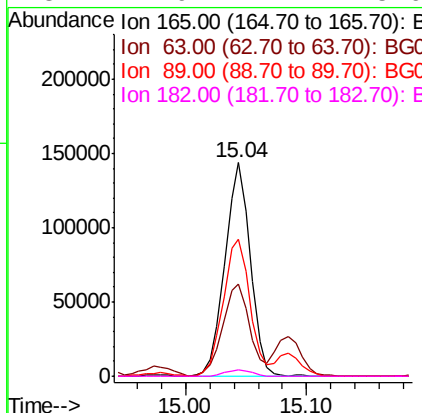
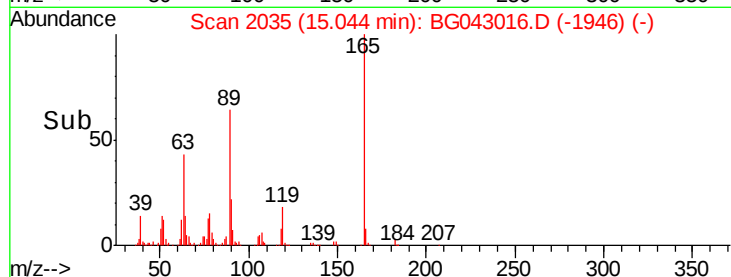
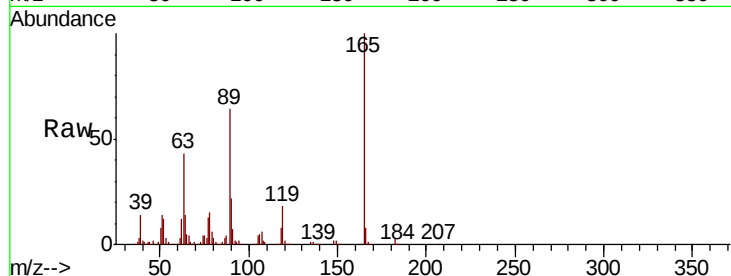
#57
2,4-Dinitrotoluene
Concen: 45.905 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	210145		
63	43.1	36.5	54.7	
89	64.2	55.5	83.3	
182	2.9	2.4	3.6	

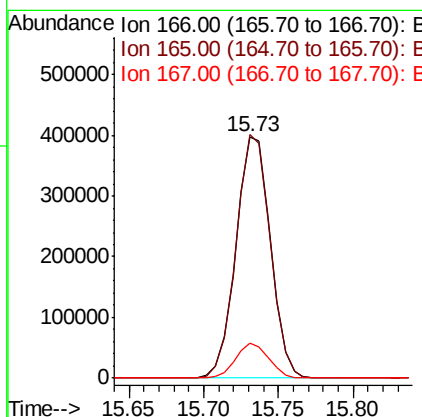
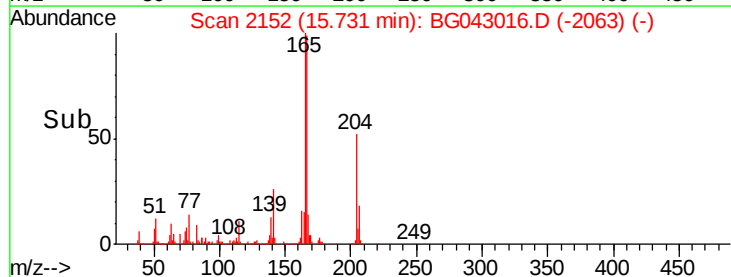
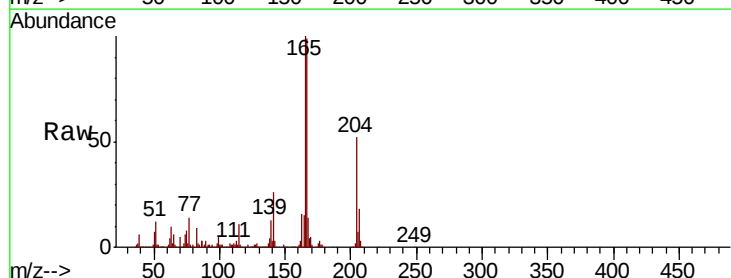
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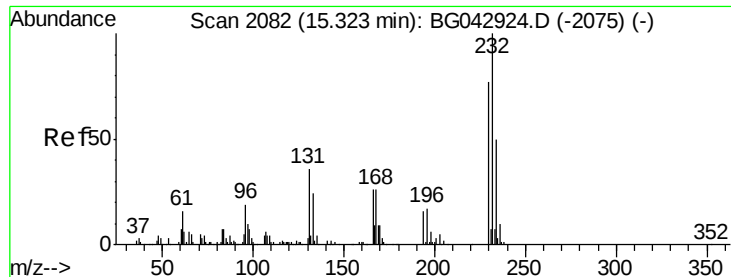
mohammad
10/7/2019 8:26:33 AM



#58
Fluorene
Concen: 44.318 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	638578		
165	100.7	77.1	115.7	
167	14.6	11.0	16.6	





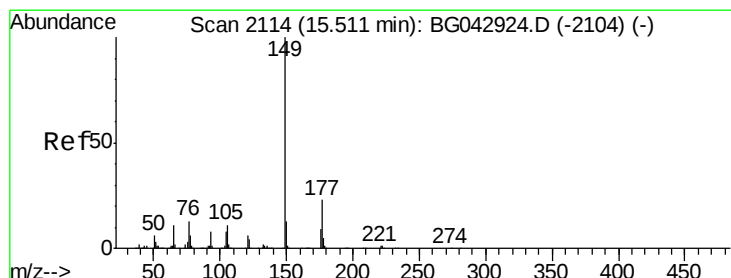
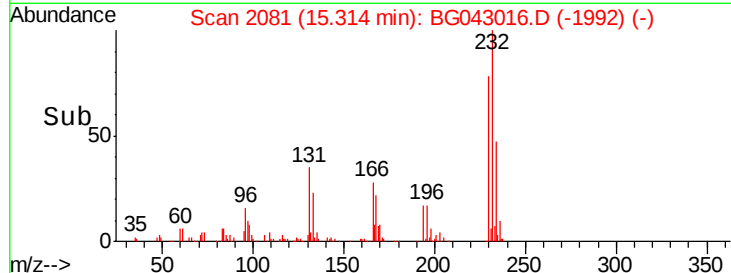
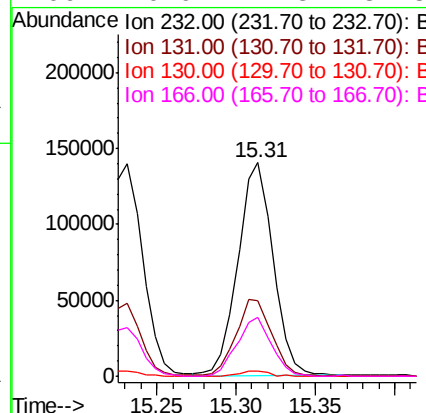
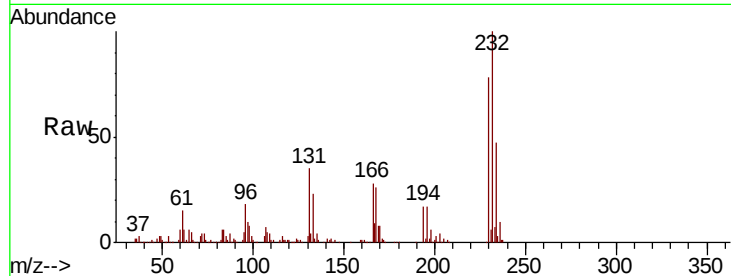
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.780 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	216500		
131	36.8	29.6	44.4	
130	2.2	1.9	2.9	
166	26.9	21.8	32.8	

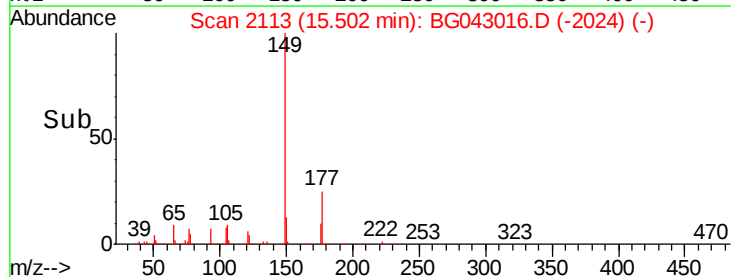
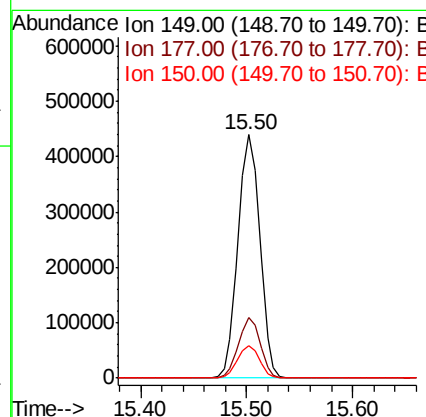
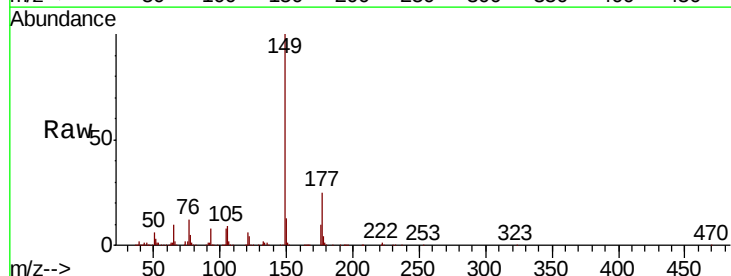
Manual Integrations
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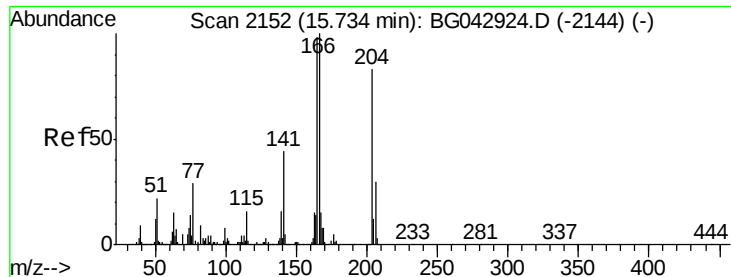
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#60
Diethylphthalate
Concen: 42.055 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	628269		
177	24.9	18.8	28.2	
150	13.3	10.6	15.8	





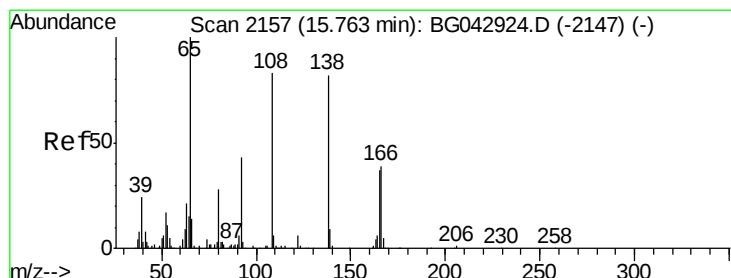
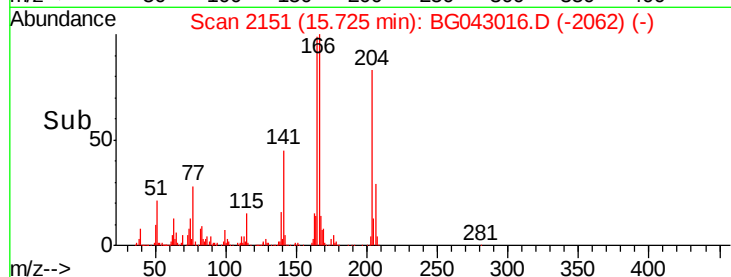
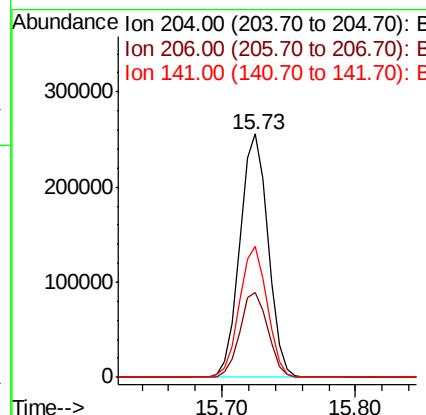
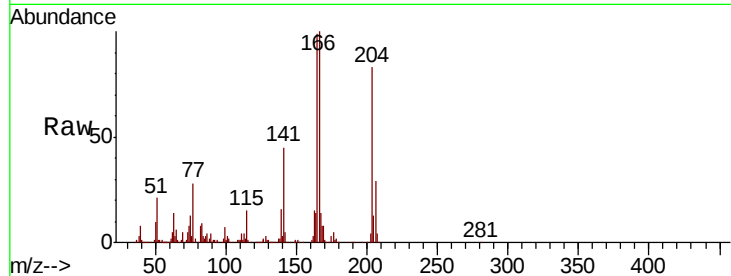
#61
 4-Chlorophenyl-phenylether
 Concen: 43.179 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	53.6	42.4	63.6

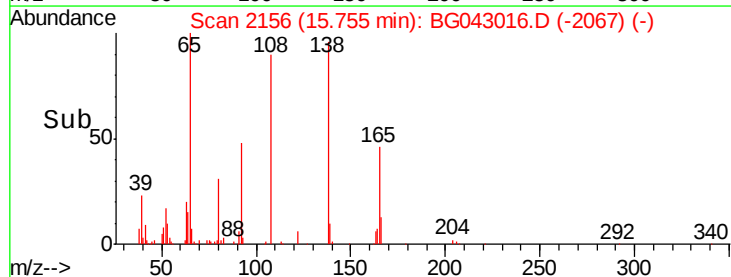
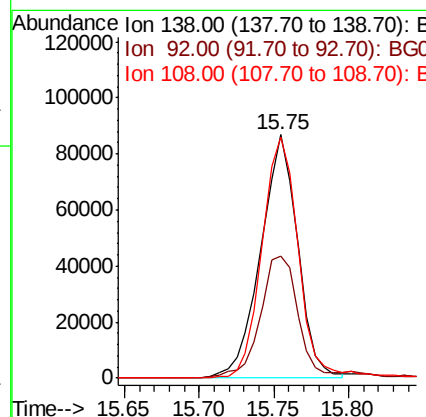
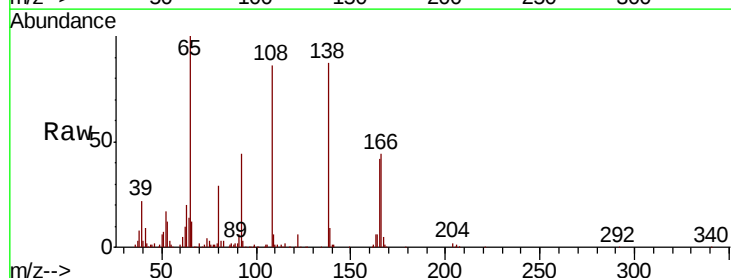
Manual Integrations
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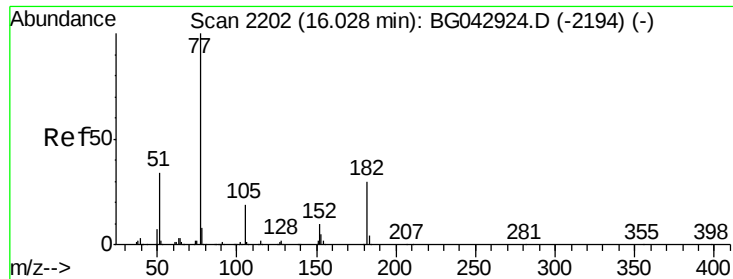
mohammad
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#62
 4-Nitroaniline
 Concen: 42.225 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	32.9	72.9
108	98.9	81.3	121.3





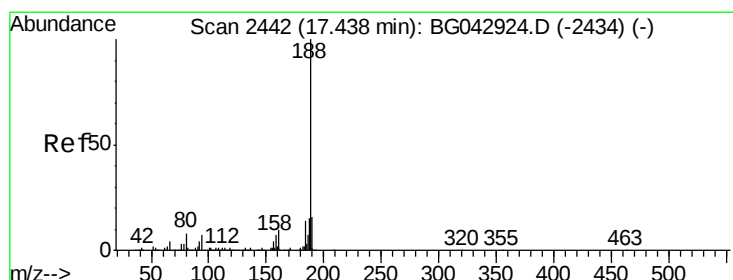
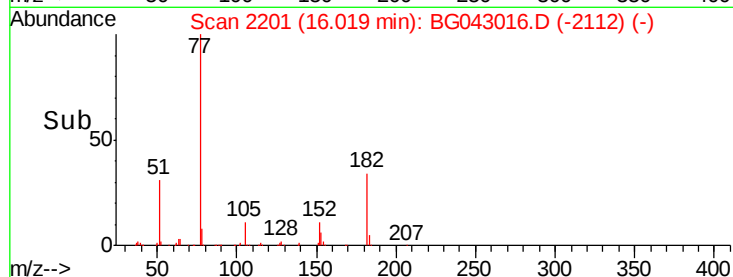
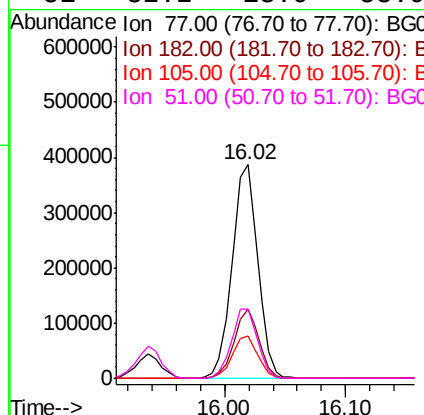
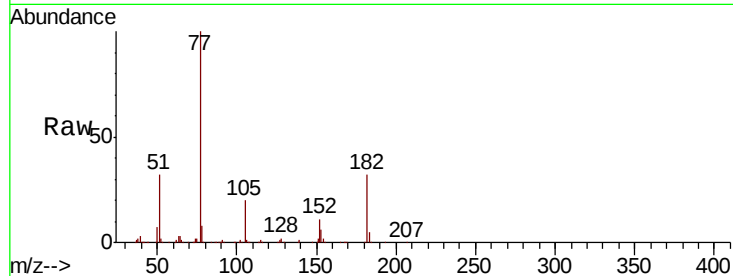
#63
Azobenzene
Concen: 41.918 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.5	10.2	50.2	
105	19.8	0.0	39.1	
51	32.2	13.9	53.9	

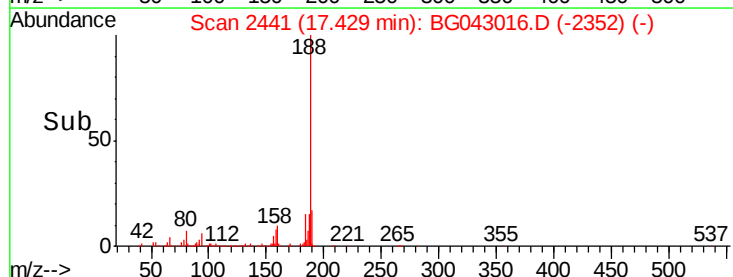
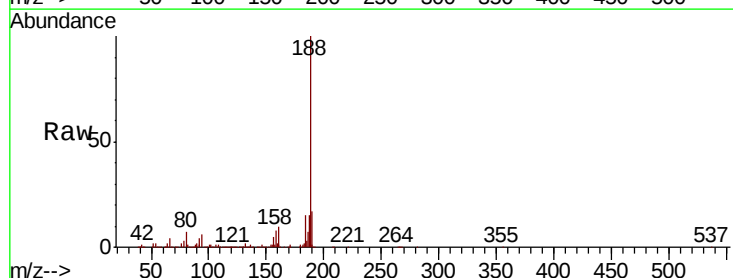
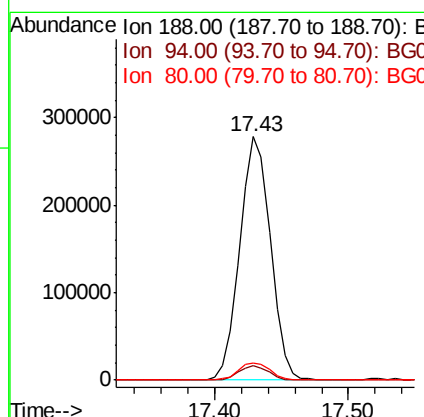
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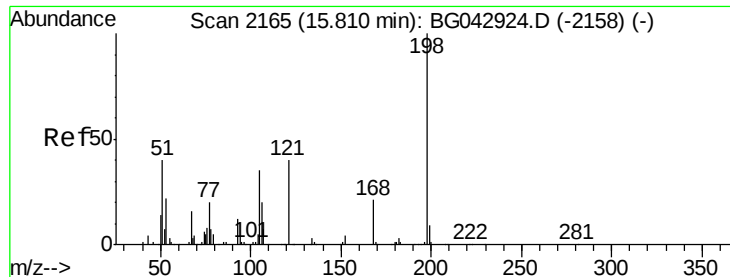
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.0	5.7	8.5	
80	6.9	6.5	9.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 48.835 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

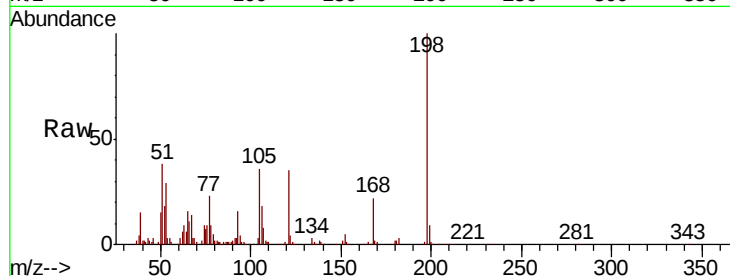
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

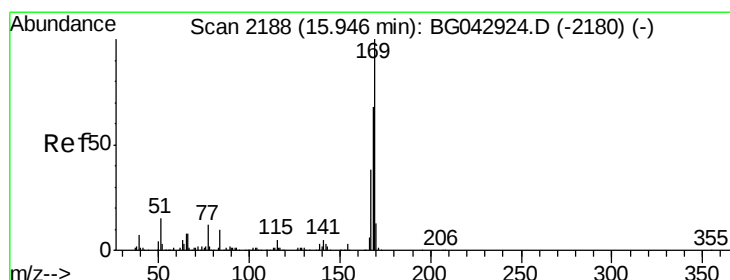
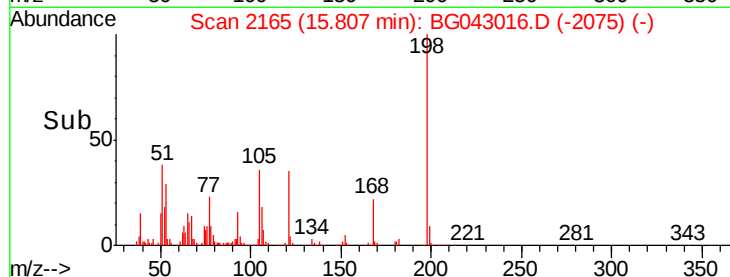
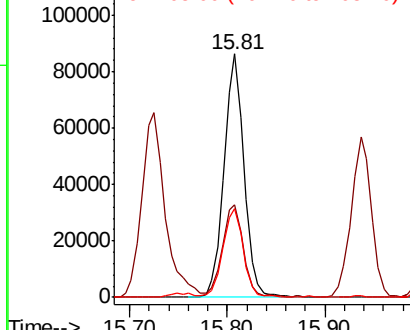
Tot Ion:	198	Resp:	122344
Ion Ratio	Lower	Upper	
198	100		
51	38.0	25.3	65.3
105	36.4	16.6	56.6

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



#66

n-Nitrosodiphenylamine

Concen: 48.729 ng

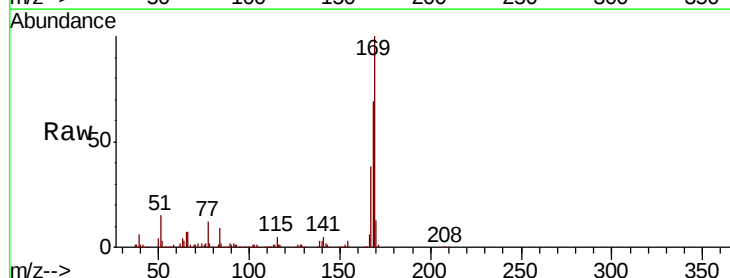
RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

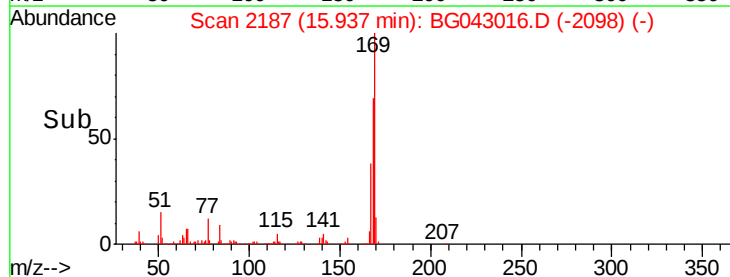
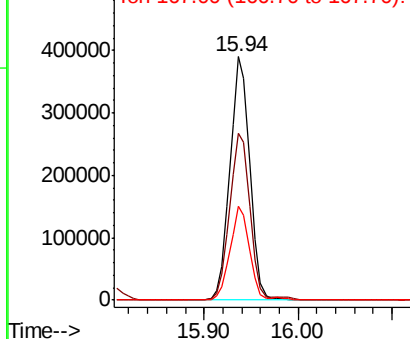
Lab File: BG043016.D

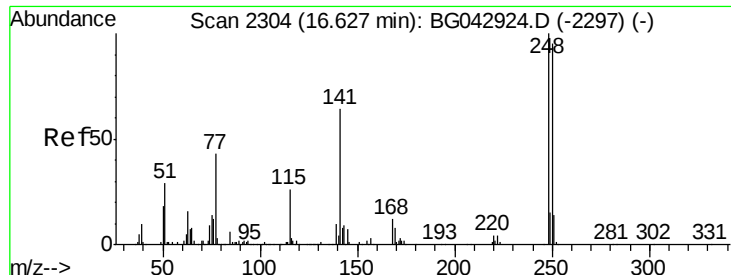
Acq: 3 Oct 2019 17:48

Tgt Ion:	169	Resp:	569507
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.8	82.2
167	38.4	30.6	46.0



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





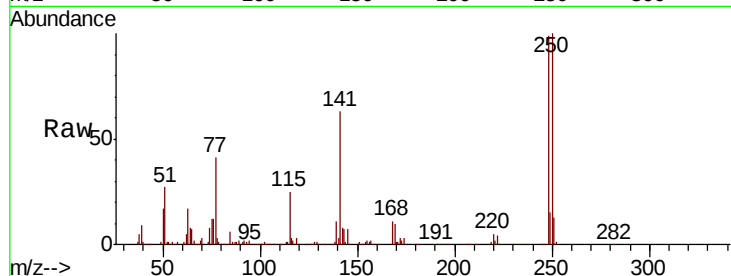
#67
4-Bromophenyl-phenylether
Concen: 46.327 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.2	75.8	113.8
141	63.6	51.1	76.7

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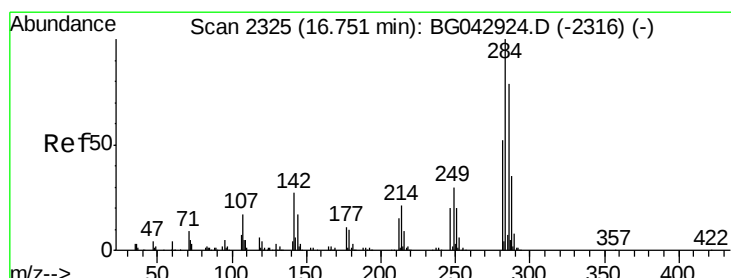
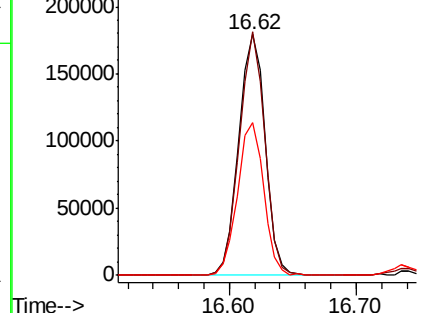
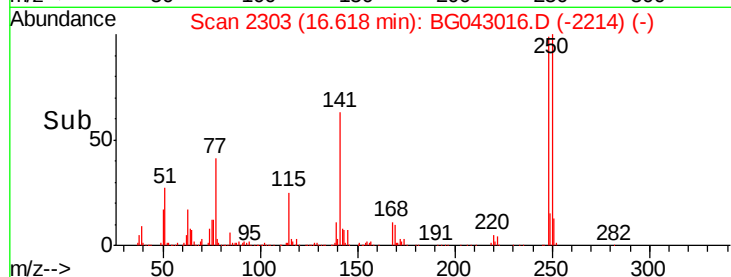


Abundance

Ion 248.00 (247.70 to 248.70): E

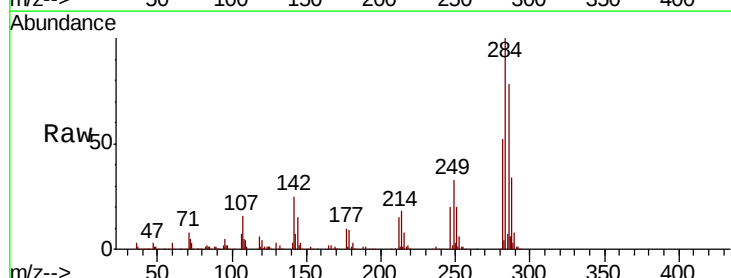
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.206 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	21.6	32.4
249	33.0	24.1	36.1

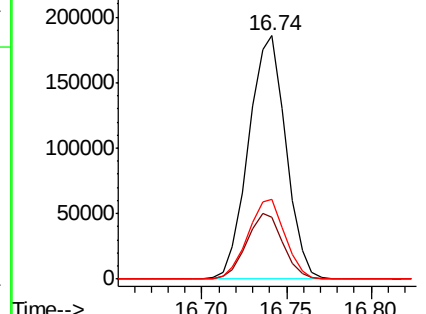
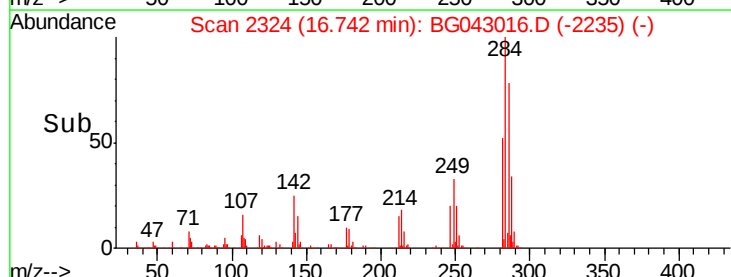


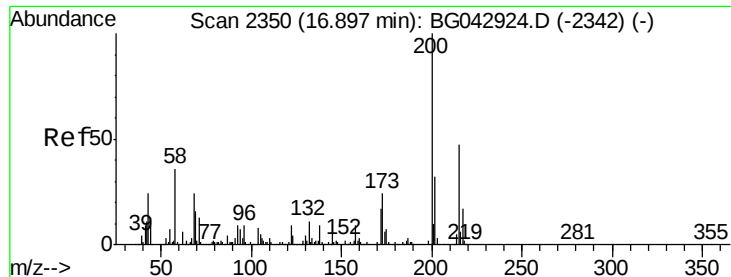
Abundance

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





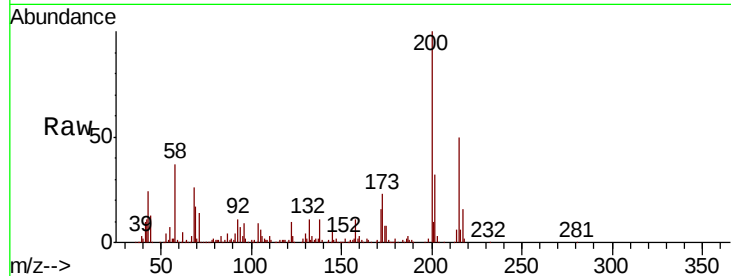
#69
Atrazine
Concen: 43.738 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.9	4.0	44.0
215	50.3	27.4	67.4

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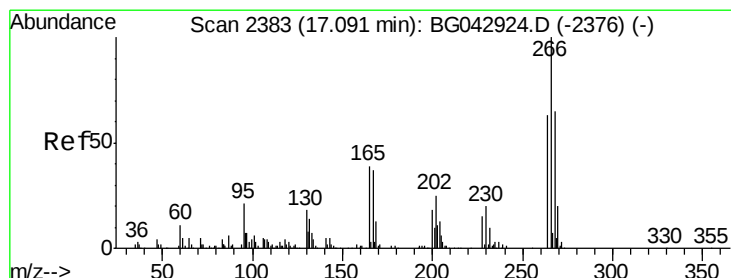
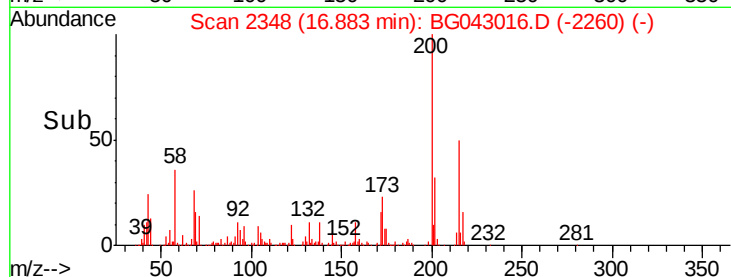
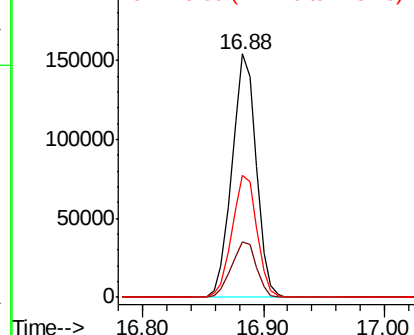


Abundance

Ion 200.00 (199.70 to 200.70): E

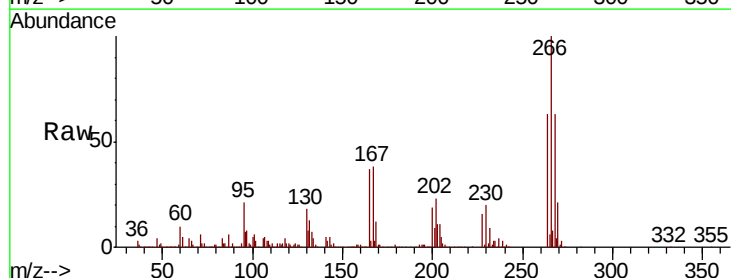
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 101.104 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	52.2	78.2
264	63.2	50.7	76.1

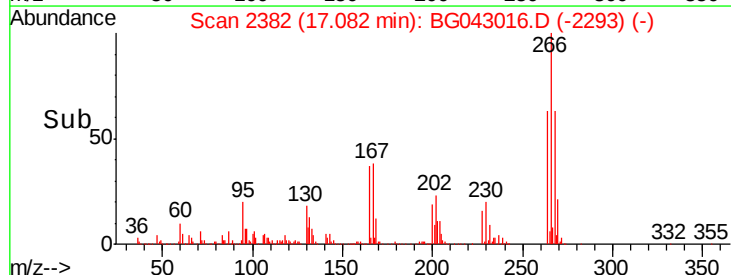
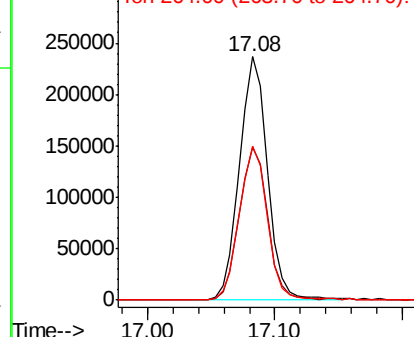


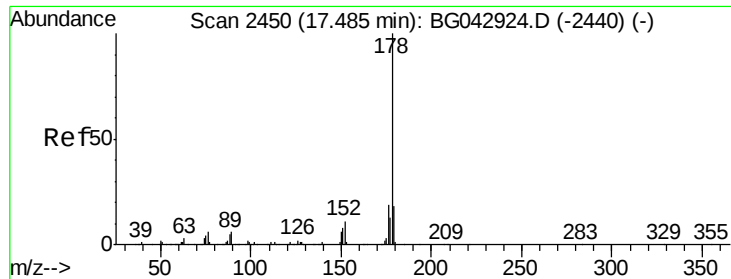
Abundance

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





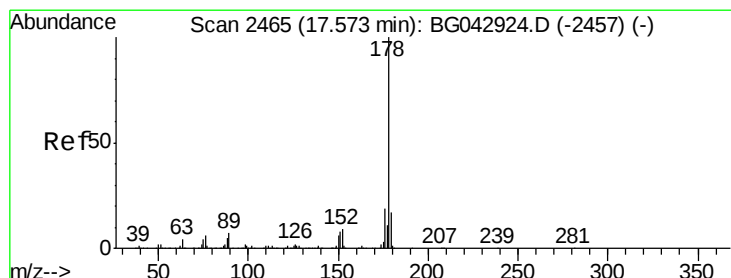
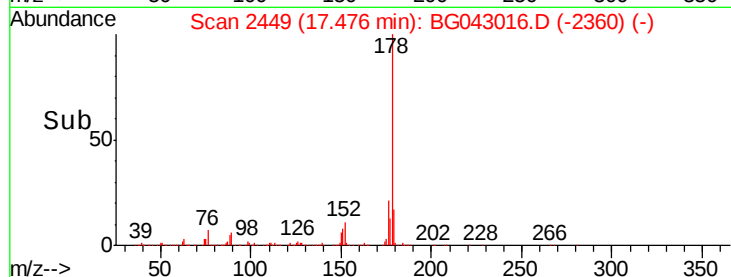
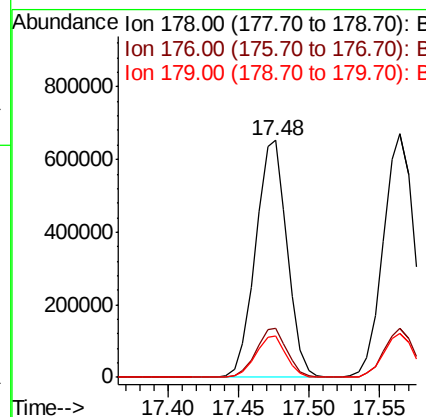
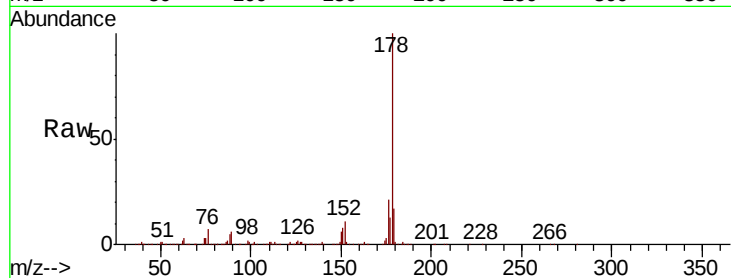
#71
Phenanthrene
Concen: 47.311 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	17.4	14.1	21.1

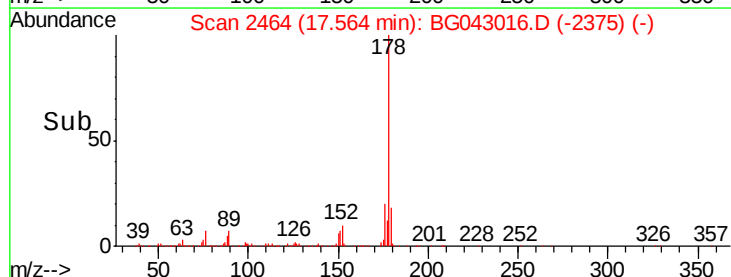
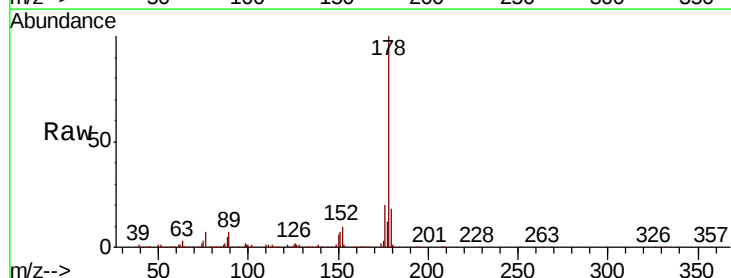
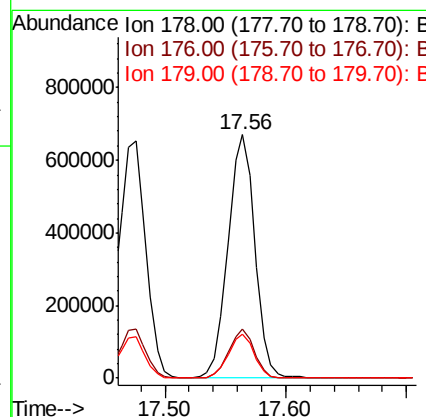
Manual Integrations
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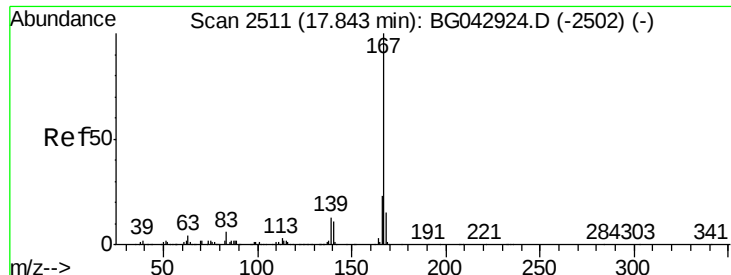
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#72
Anthracene
Concen: 47.686 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	17.8	13.5	20.3





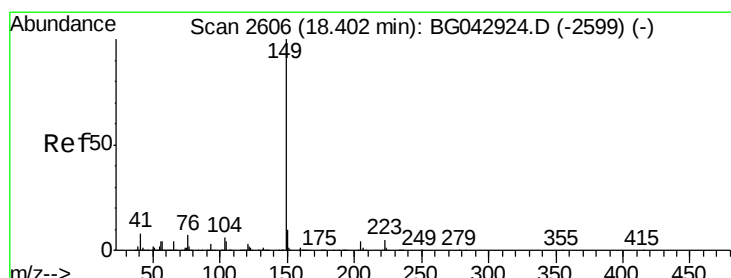
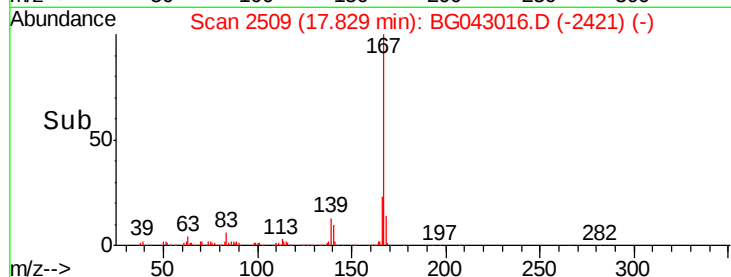
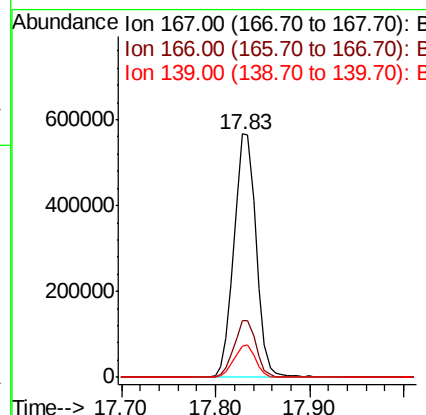
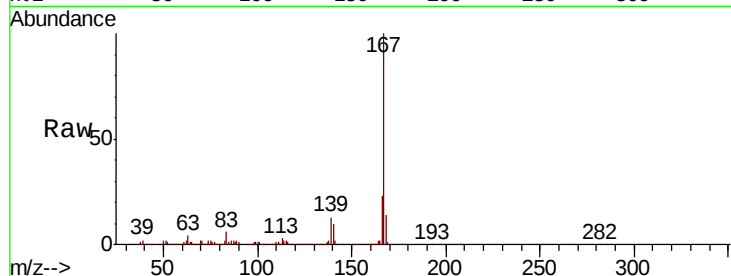
#73
 Carbazole
 Concen: 46.600 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.6	28.0
139	12.7	10.8	16.2

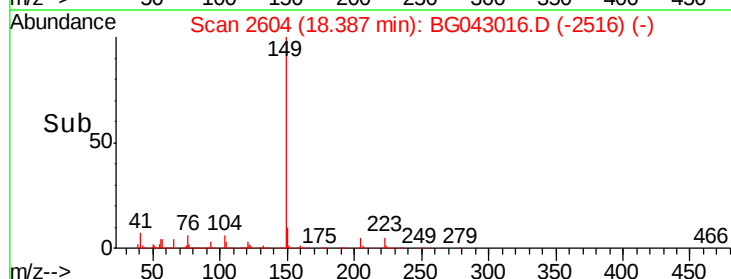
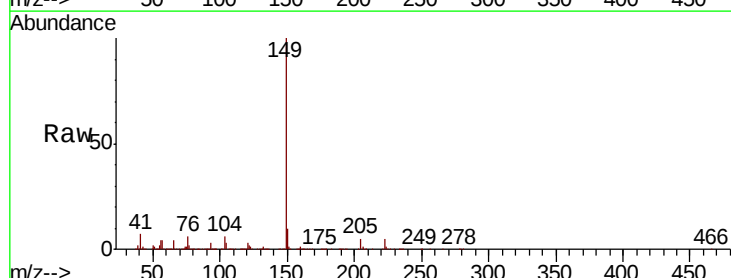
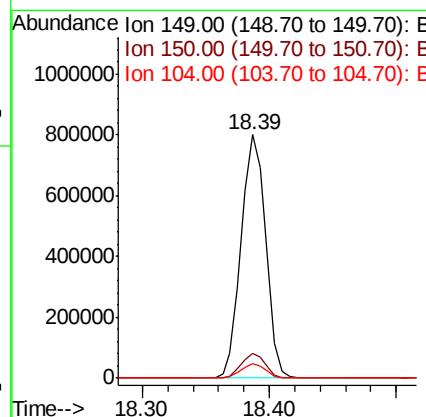
Manual Integrations
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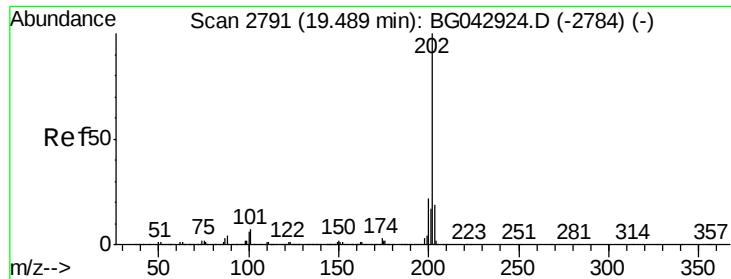
mohammad
 10/7/2019 8:26:33 AM



#74
 Di-n-butylphthalate
 Concen: 44.673 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 46.887 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

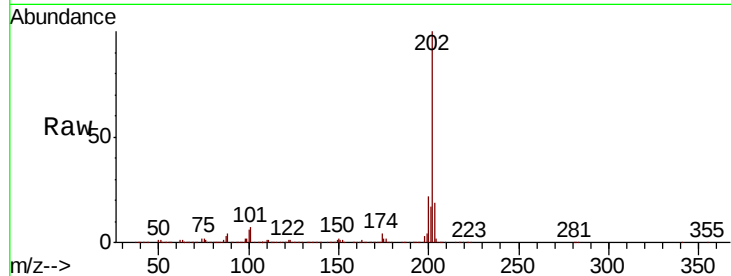
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

Tot Ion:	202	Resp:	1340413
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	27.3
203	19.2	0.0	39.5

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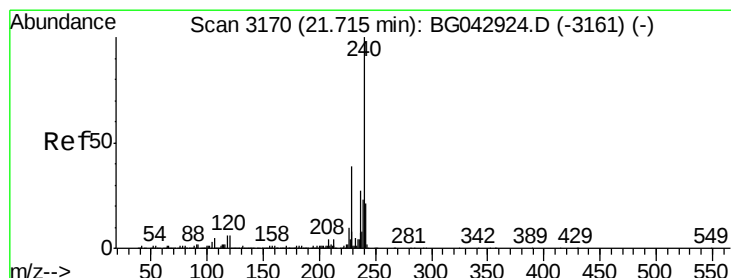
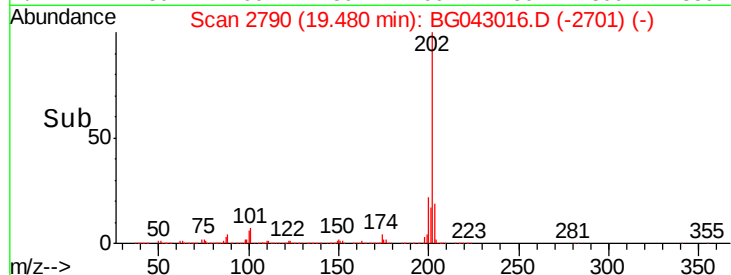
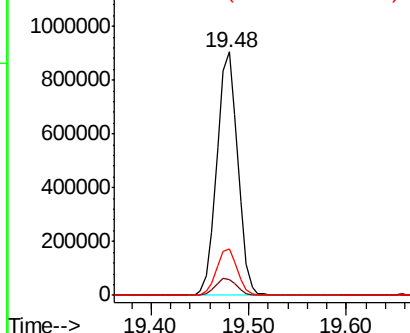


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

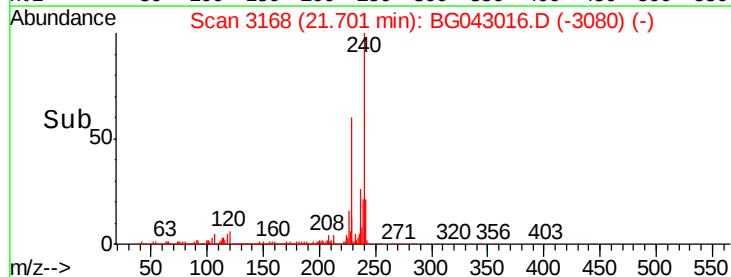
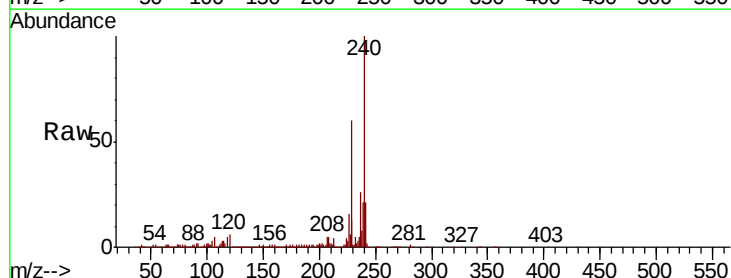
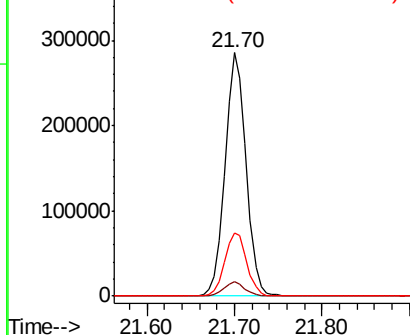
Tgt Ion:	240	Resp:	470677
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	25.8	21.4	32.0

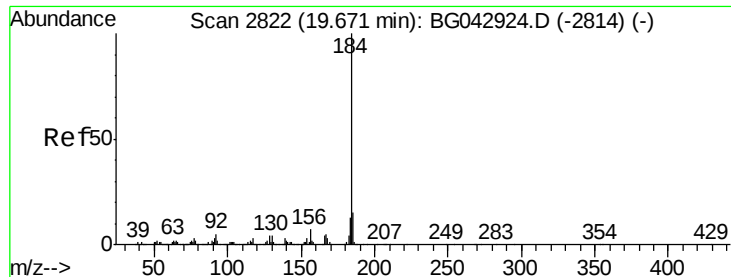
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.255 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

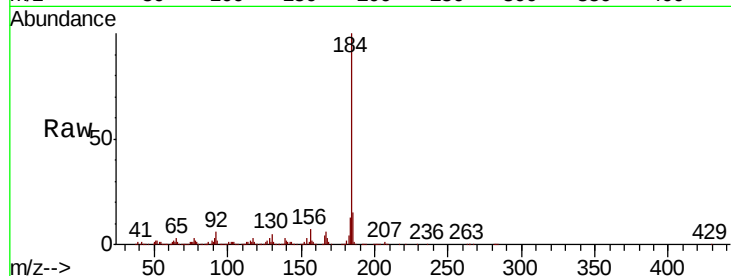
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

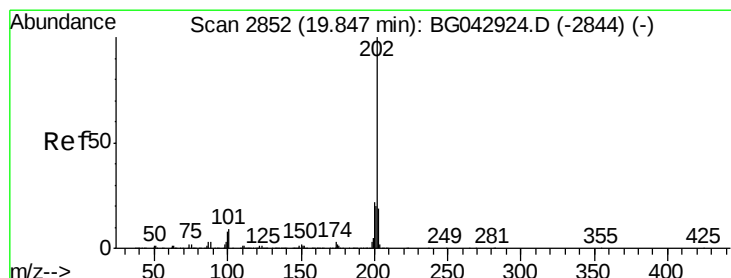
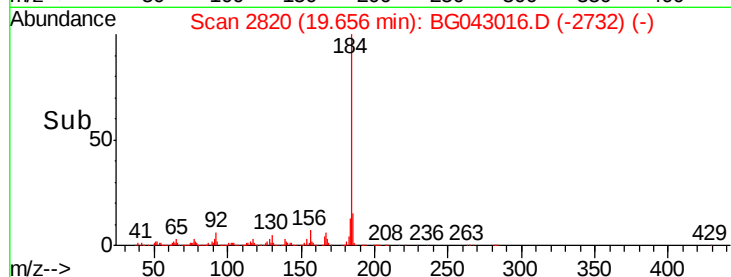
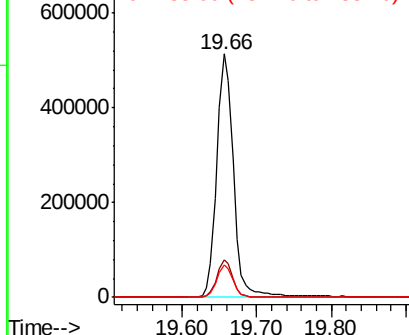
Tot Ion:	184	Resp:	804407
Ion Ratio		Lower	Upper
184	100		
185	15.2	11.8	17.8
183	13.2	10.1	15.1

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



#78

Pyrene

Concen: 48.086 ng

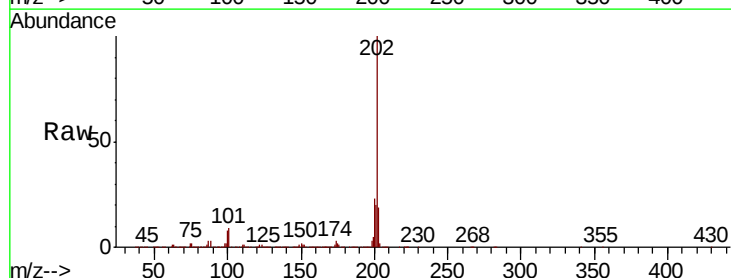
RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

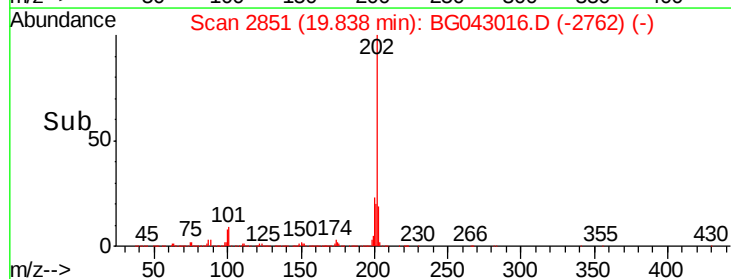
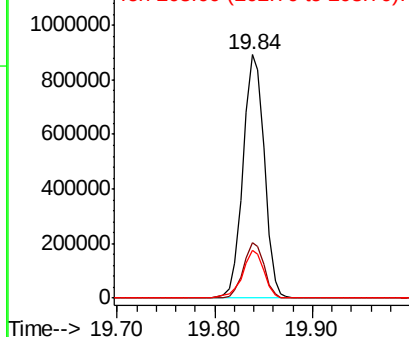
Lab File: BG043016.D

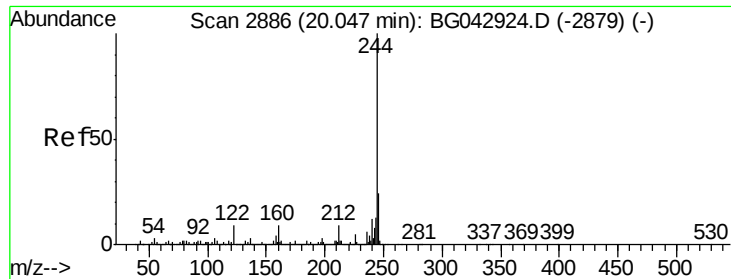
Acq: 3 Oct 2019 17:48

Tgt Ion:	202	Resp:	1350863
Ion Ratio		Lower	Upper
202	100		
200	22.6	17.6	26.4
203	19.5	15.2	22.8



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: 68.949 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

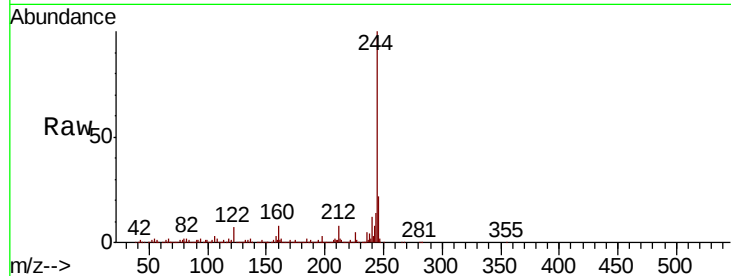
ClientSampleId :

2019073-SS-COMPOSITE-13MSD

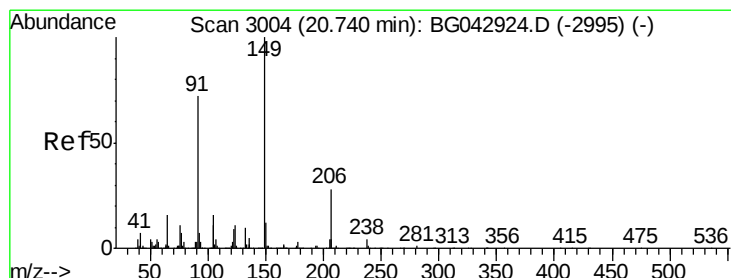
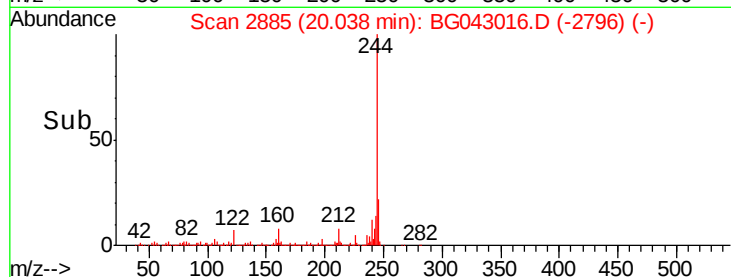
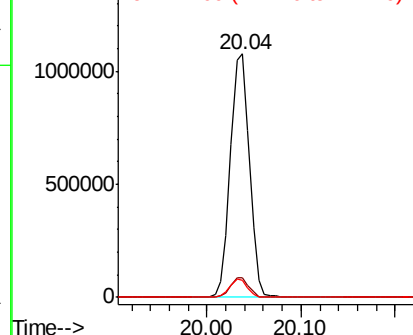
Tot Ion:	244	Resp:	1522977
Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.0
122	7.0	7.0	10.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.865 ng

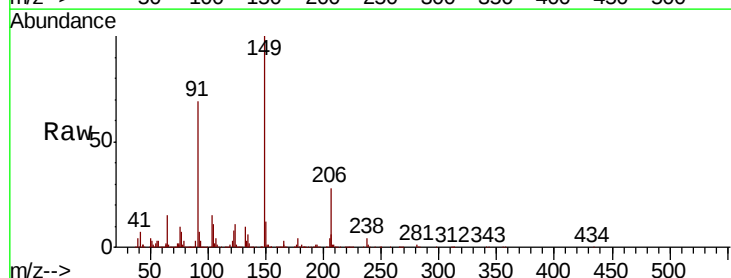
RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

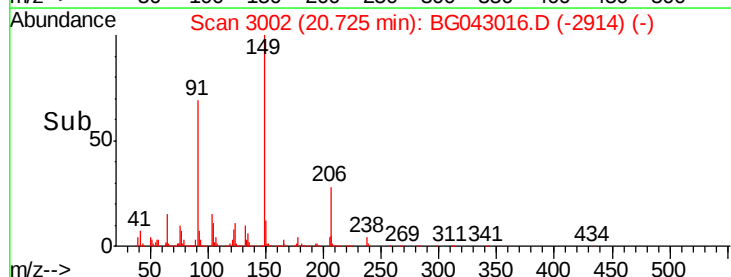
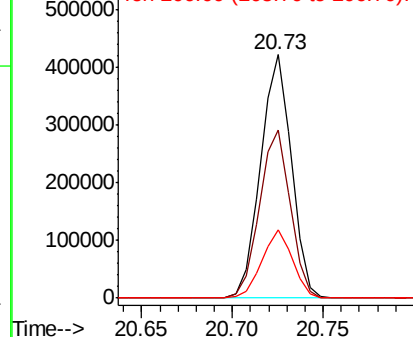
Lab File: BG043016.D

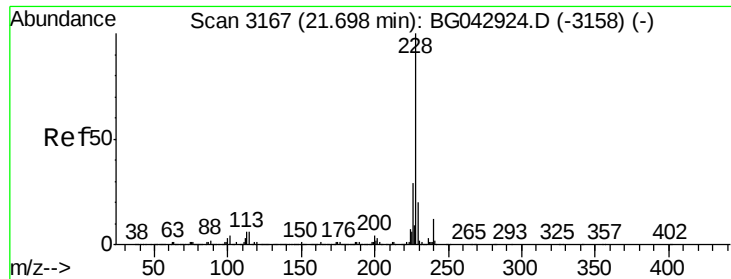
Acq: 3 Oct 2019 17:48

Tgt Ion:	149	Resp:	499738
Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.7	86.5
206	28.2	22.6	33.8



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





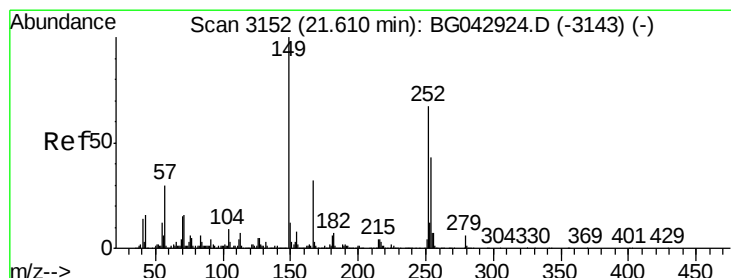
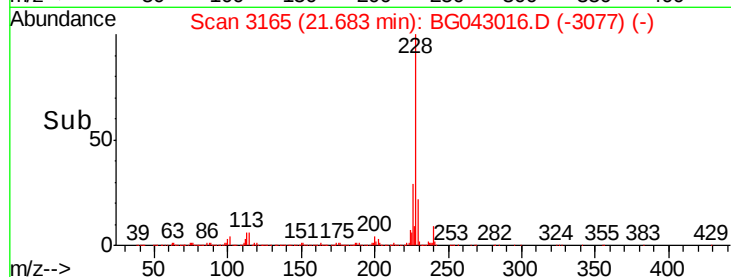
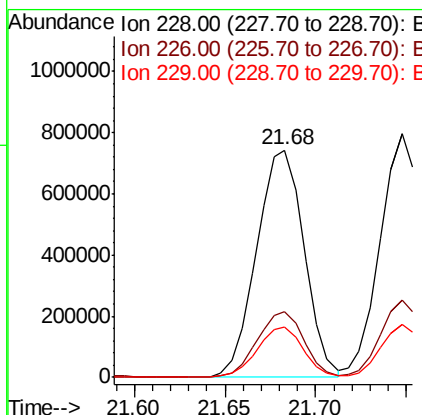
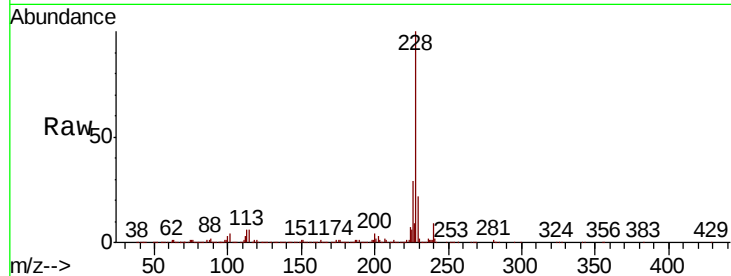
#81
Benzo(a)anthracene
Concen: 46.214 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	22.3	16.3	24.5

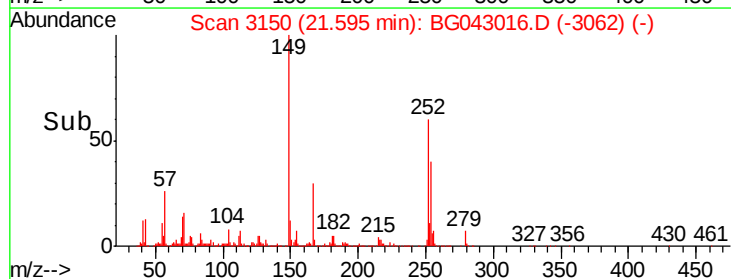
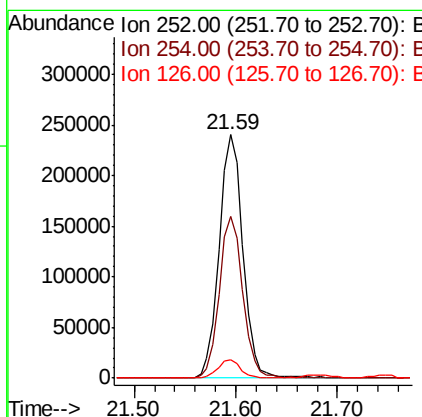
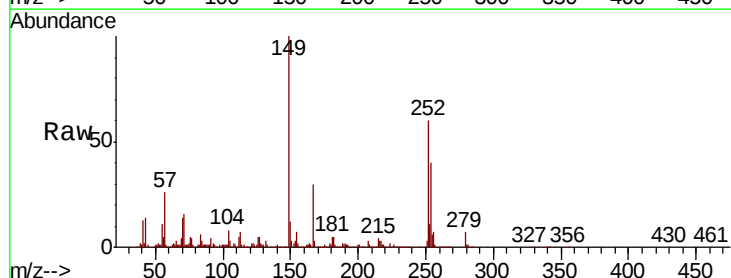
Manual Integrations
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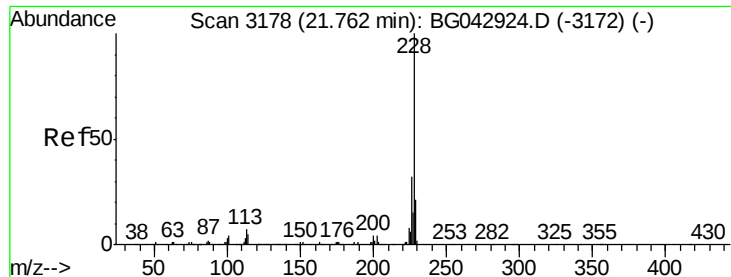
mohammad
10/7/2019 8:26:33 AM



#82
3,3'-Dichlorobenzidine
Concen: 34.072 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.9	77.9
126	7.6	6.1	9.1





#83
 Chrysene
 Concen: 46.066 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

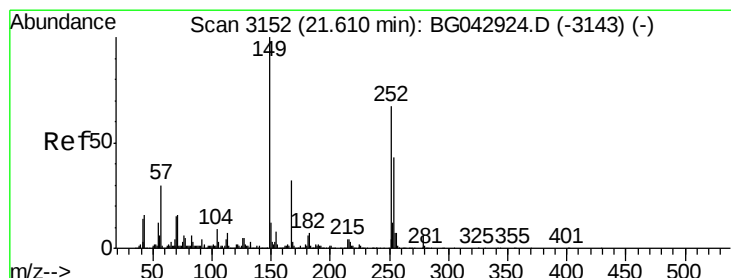
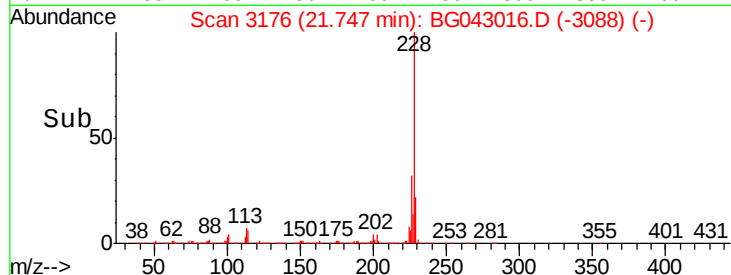
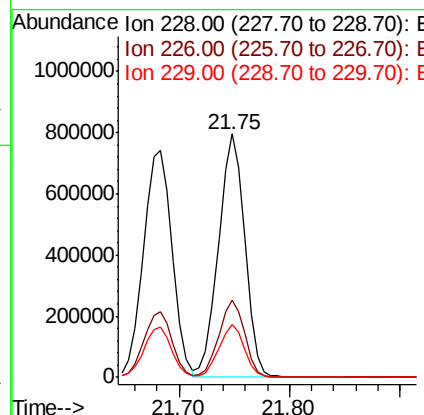
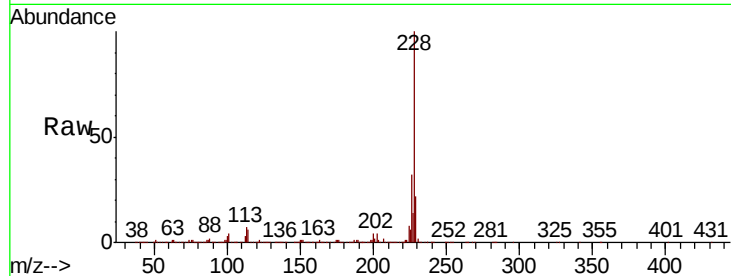
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tot Ion:228 Resp: 1311045

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	21.6	16.9	25.3

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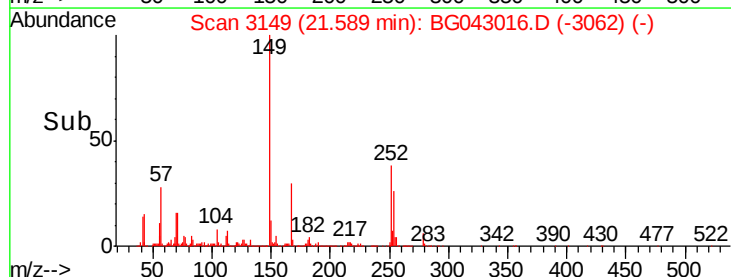
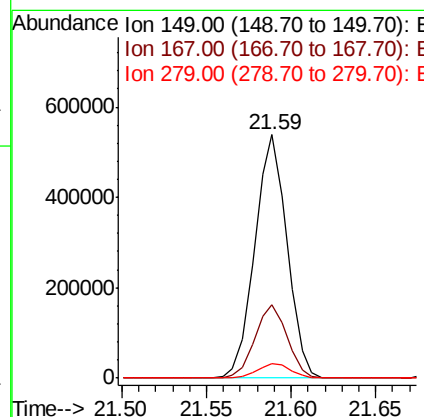
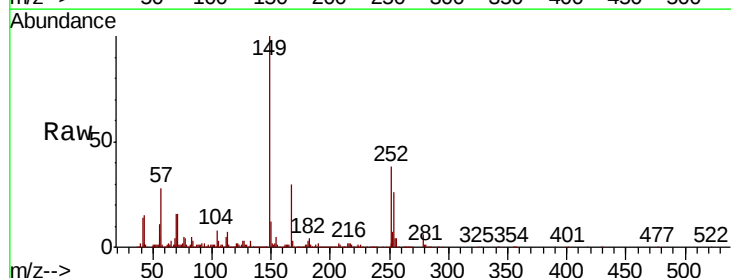
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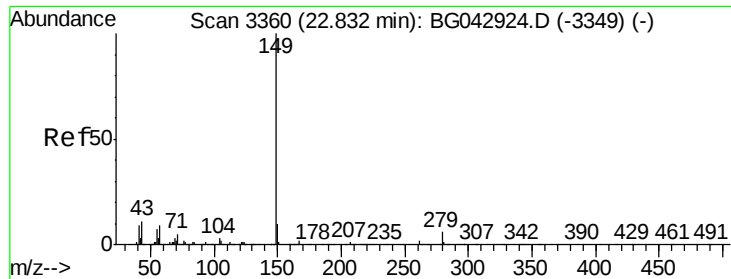


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.879 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:149 Resp: 711313

Ion	Ratio	Lower	Upper
149	100		
167	30.3	25.4	38.2
279	6.1	5.1	7.7





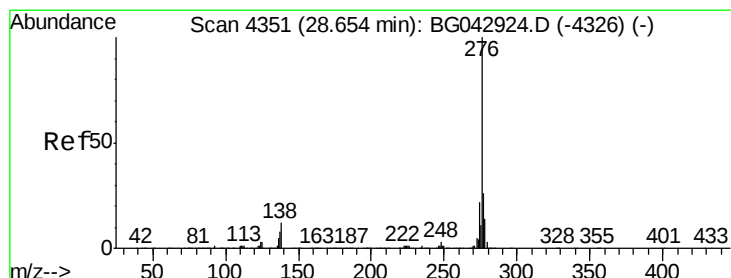
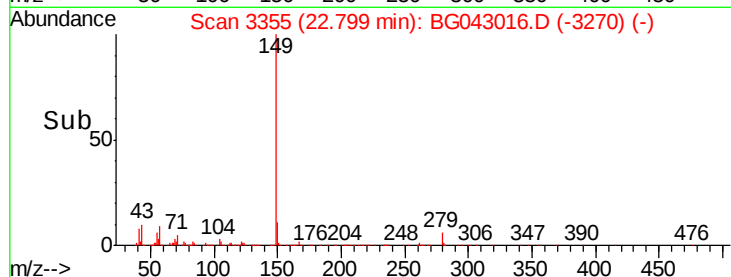
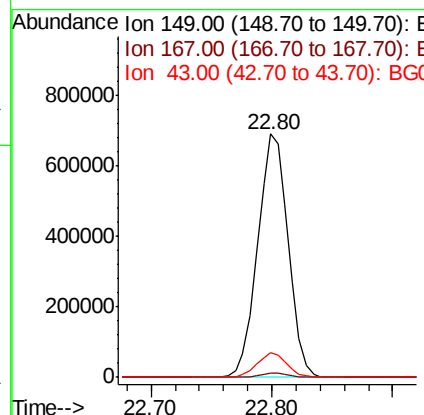
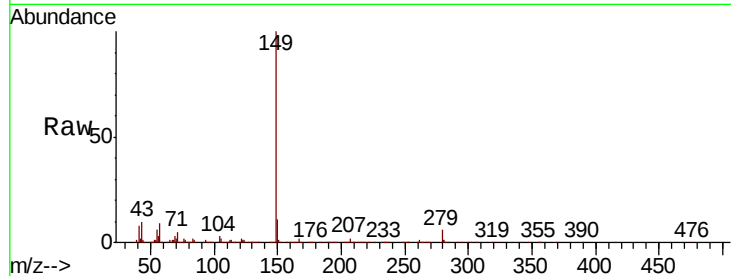
#85
Di-n-octyl phthalate
Concen: 48.758 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.03 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.7	8.7	13.1

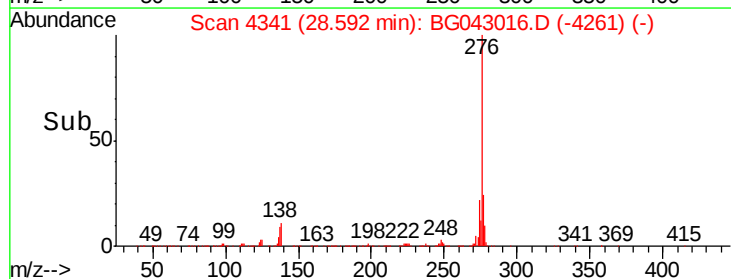
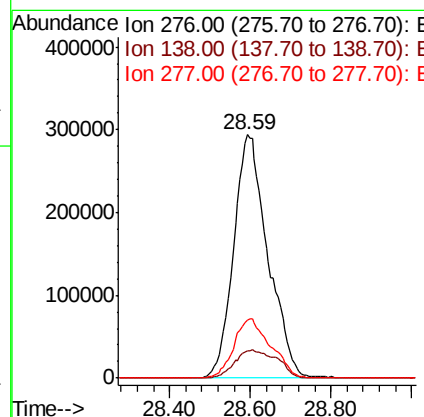
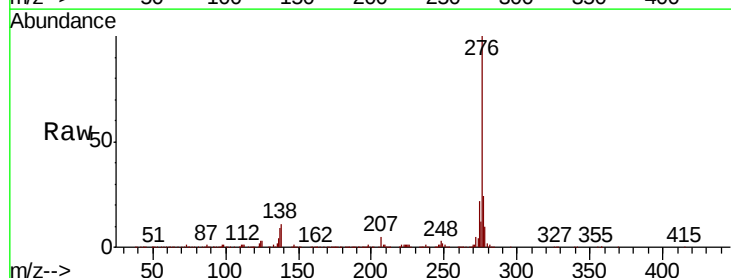
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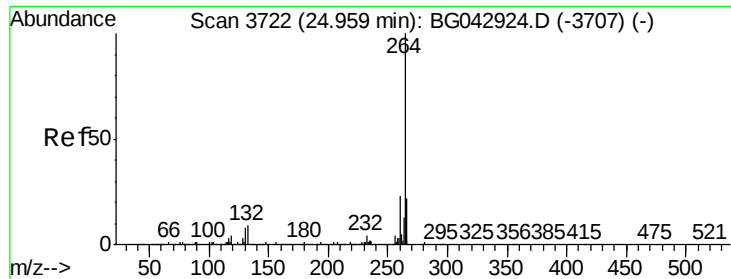
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.898 ng
RT: 28.59 min Scan# 4341
Delta R.T. -0.06 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.3	7.0	10.6#
277	26.2	20.9	31.3





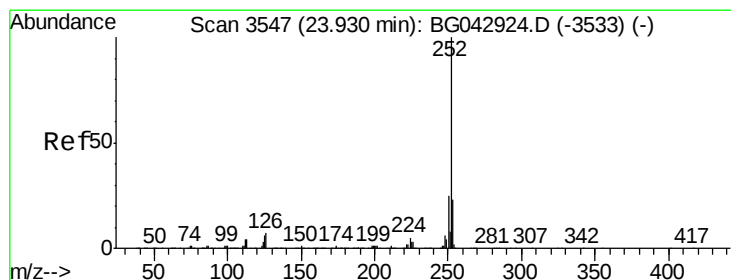
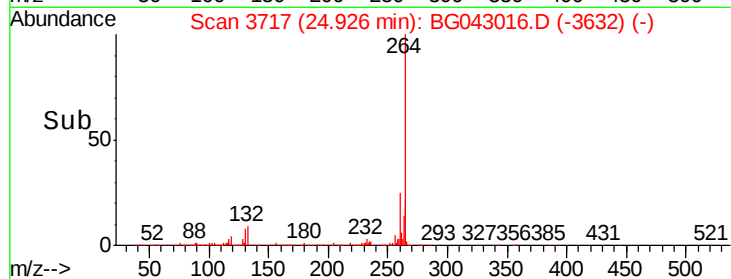
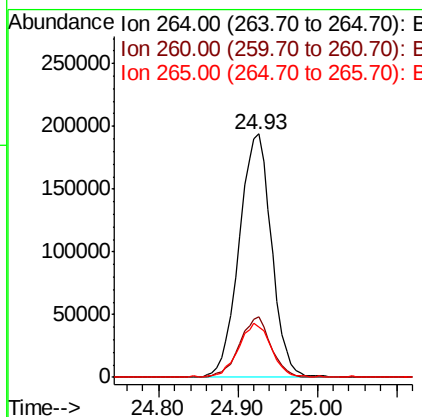
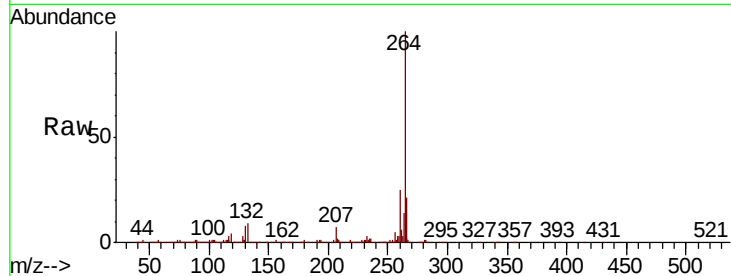
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	20.9	17.7	26.5

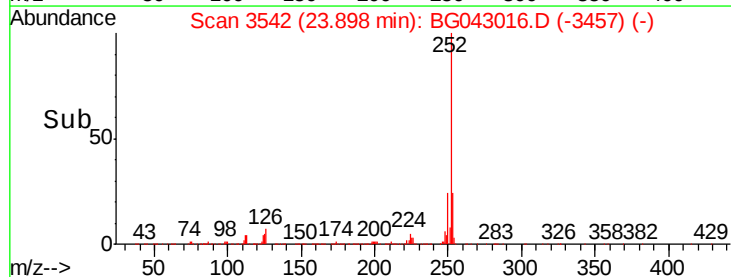
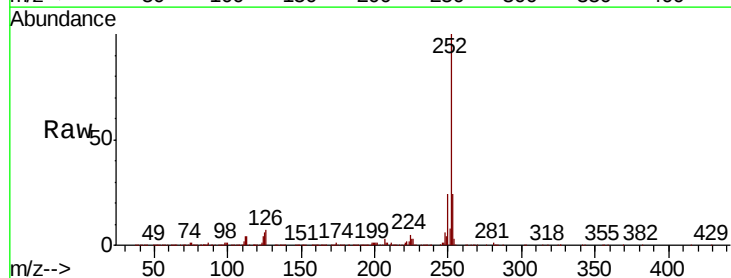
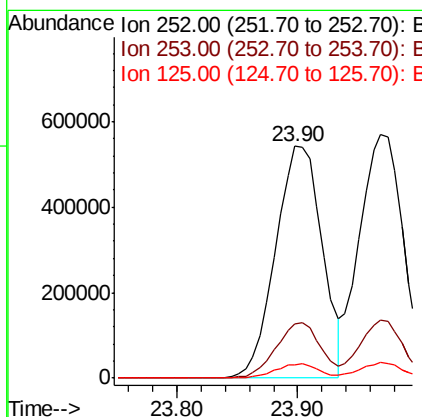
Manual Integrations
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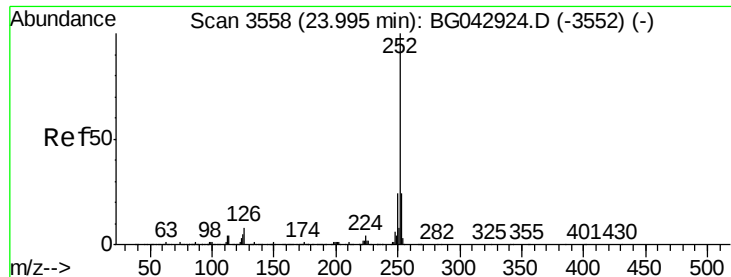
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.551 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.03 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	5.5	4.6	7.0





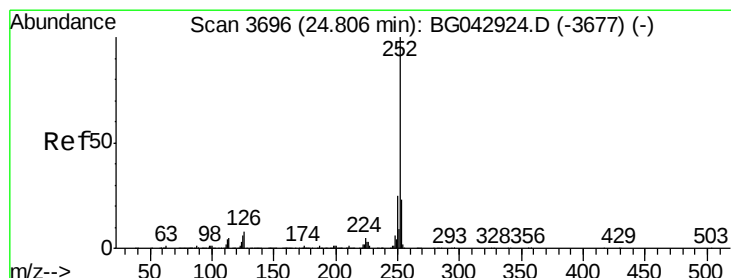
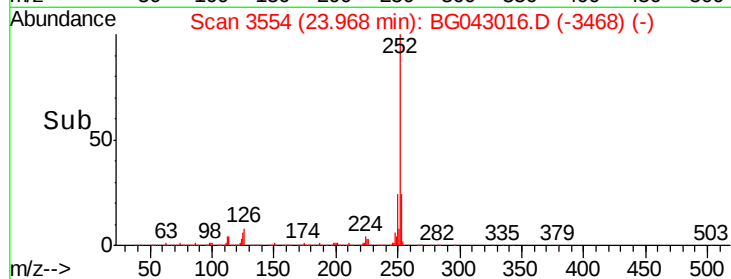
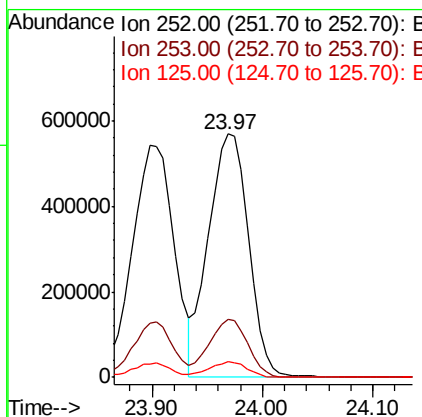
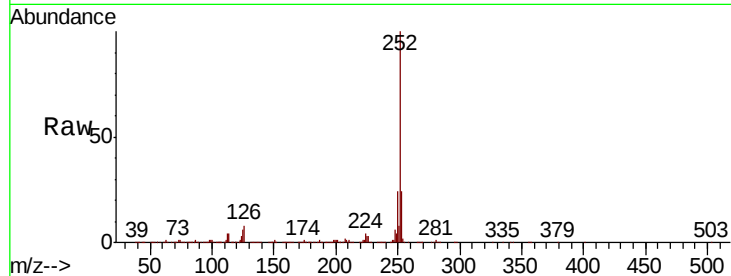
#89
Benzo(k)fluoranthene
Concen: 46.430 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.03 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	6.3	4.5	6.7

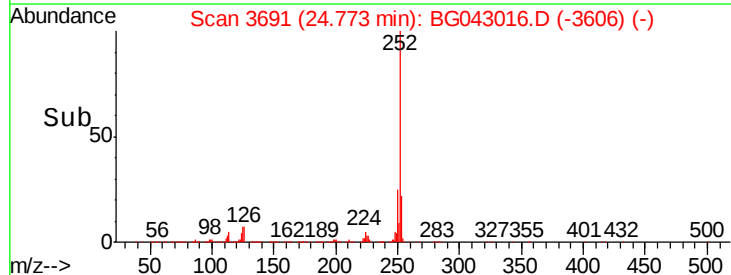
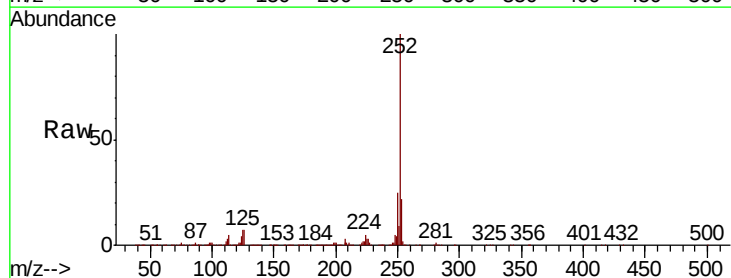
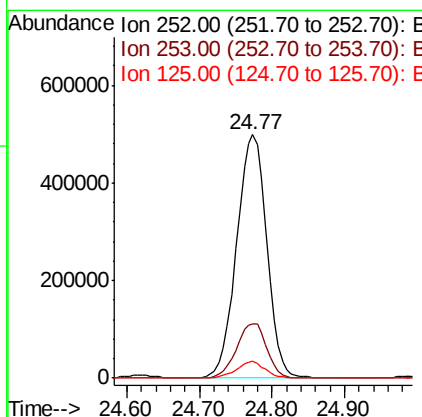
Manual Integrations
APPROVED

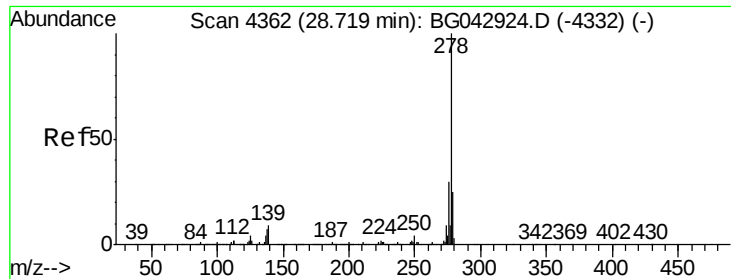
mohammad
10/7/2019 8:26:33 AM



#90
Benzo(a)pyrene
Concen: 49.064 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	6.8	5.0	7.6





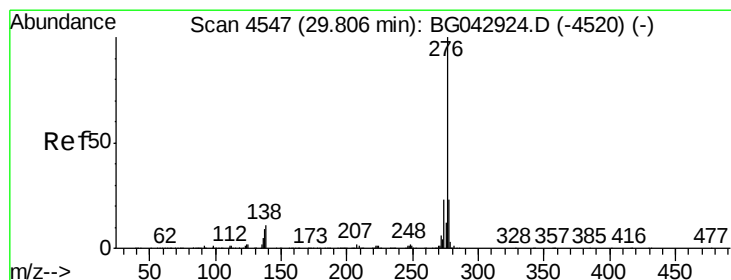
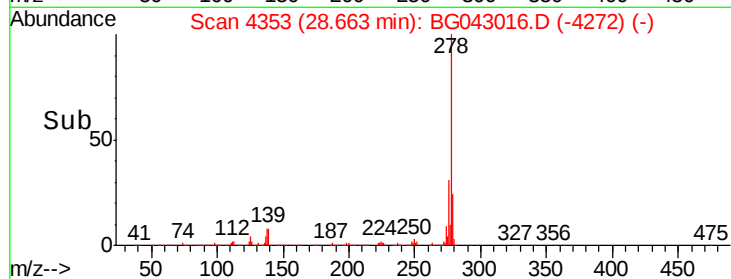
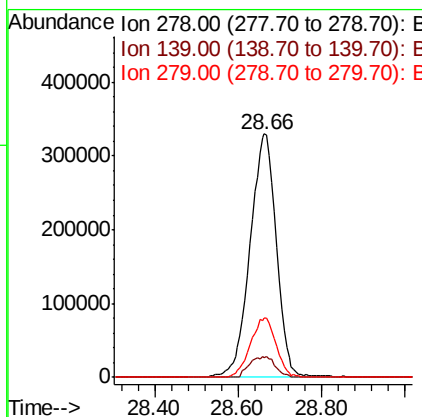
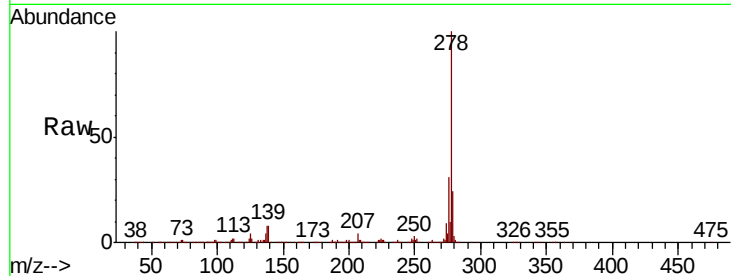
#91
Dibenzo(a,h)anthracene
Concen: 48.253 ng
RT: 28.66 min Scan# 4353
Delta R.T. -0.06 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.8	10.2
279	24.2	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/7/2019 8:26:33 AM



#92
Benzo(g,h,i)perylene
Concen: 48.713 ng
RT: 29.74 min Scan# 4537
Delta R.T. -0.06 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	12.1	8.6	12.8

