

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041857.D
 Acq On : 1 Aug 2019 11:05
 Operator : HP/JU
 Sample : K3621-08MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

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Quant Time: Aug 01 15:10:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85713	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	329727	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	249298	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	600909	20.00	ng	0.00
76) Chrysene-d12	21.74	240	625125	20.00	ng	0.00
87) Perylene-d12	25.01	264	732799	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	565810	128.43	ng	0.00
7) Phenol-d6	7.20	99	730690	123.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	508856	106.20	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	508241	179.48	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1383980	97.91	ng	0.00
79) Terphenyl-d14	20.06	244	2432993	89.06	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	64266	30.994	ng	# 33
3) Pyridine	3.88	79	151899	26.714	ng	90
4) n-Nitrosodimethylamine	3.78	42	87697	38.906	ng	98
6) Aniline	7.36	93	157343	18.814	ng	97
8) 2-Chlorophenol	7.61	128	237628	47.105	ng	92
9) Benzaldehyde	7.17	77	117222	28.050	ng	92
10) Phenol	7.22	94	250611	40.559	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	207238	40.798	ng	93
12) 1,3-Dichlorobenzene	7.93	146	270236	41.044	ng	98
13) 1,4-Dichlorobenzene	8.08	146	274713	41.699	ng	98
14) 1,2-Dichlorobenzene	8.40	146	259757	41.321	ng	94
15) Benzyl Alcohol	8.28	79	217289	46.503	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	347242	38.424	ng	96
17) 2-Methylphenol	8.48	107	202138	44.983	ng	99
18) Hexachloroethane	9.14	117	95428	42.299	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	176973	41.043	ng	89
20) 3+4-Methylphenols	8.81	107	279156	45.396	ng	99
22) Acetophenone	8.87	105	348398	47.239	ng	# 91
24) Nitrobenzene	9.25	77	255688	50.654	ng	96
25) Isophorone	9.78	82	494744	47.467	ng	97
26) 2-Nitrophenol	9.97	139	143793	61.378	ng	94
27) 2,4-Dimethylphenol	10.03	122	238450	57.670	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	297856	45.730	ng	100
29) 2,4-Dichlorophenol	10.51	162	281366	55.879	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	299444	46.897	ng	98
31) Naphthalene	10.92	128	724151	47.987	ng	98
32) Benzoic acid	10.16	122	15909m	13.135	ng	
33) 4-Chloroaniline	11.02	127	36643	5.120	ng	96
34) Hexachlorobutadiene	11.21	225	195147	45.284	ng	99
35) Caprolactam	11.80	113	84966	48.555	ng	# 75
36) 4-Chloro-3-methylphenol	12.14	107	289358	57.964	ng	97
37) 2-Methylnaphthalene	12.52	142	584976	48.973	ng	99
38) 1-Methylnaphthalene	12.75	142	557004	49.206	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	374635	47.474	ng	98

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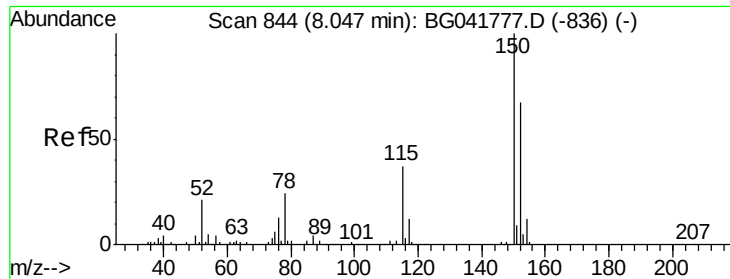
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425820	95.976	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	273400	54.815	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	305586	58.958	nq	94
46) 1,1'-Biphenyl	13.53	154	767276	47.878	nq	96
47) 2-Chloronaphthalene	13.58	162	630593	46.217	nq	98
48) 2-Nitroaniline	13.77	65	194165	56.110	nq	90
49) Acenaphthylene	14.42	152	1011986	49.584	nq	97
50) Dimethylphthalate	14.15	163	878310	51.587	nq	99
51) 2,6-Dinitrotoluene	14.26	165	211744	59.476	nq	89
52) Acenaphthene	14.76	154	626822	47.221	nq	99
53) 3-Nitroaniline	14.59	138	75417	19.801	nq #	87
54) 2,4-Dinitrophenol	14.80	184	53753	32.971	nq	94
55) Dibenzofuran	15.10	168	1016519	50.066	nq	96
56) 4-Nitrophenol	14.90	139	332638	115.056	nq	96
57) 2,4-Dinitrotoluene	15.06	165	298707	61.011	nq	87
58) Fluorene	15.75	166	835749	51.293	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	292486	56.977	nq	94
60) Diethylphthalate	15.52	149	872112	52.174	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	499755	50.241	nq	96
62) 4-Nitroaniline	15.76	138	226409	54.882	nq	97
63) Azobenzene	16.04	77	676169	49.519	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	85902	31.890	nq	84
66) n-Nitrosodiphenylamine	15.96	169	806263	49.257	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	352498	47.622	nq	96
68) Hexachlorobenzene	16.76	284	362695	46.837	nq	93
69) Atrazine	16.90	200	324617	50.475	nq	99
70) Pentachlorophenol	17.10	266	178390	40.551	nq	99
71) Phenanthrene	17.49	178	1407110	48.852	nq	97
72) Anthracene	17.58	178	1454789	50.643	nq	96
73) Carbazole	17.85	167	1309411	50.785	nq	97
74) Di-n-butylphthalate	18.42	149	1448684	49.561	nq	98
75) Fluoranthene	19.50	202	1739952	49.697	nq	94
77) Benzidine	19.68	184	294652	14.441	nq	97
78) Pyrene	19.86	202	1765577	47.670	nq	95
80) Butylbenzylphthalate	20.75	149	711945	50.136	nq	93
81) Benzo(a)anthracene	21.71	228	1771830	47.906	nq	97
82) 3,3'-Dichlorobenzidine	21.63	252	315423	21.241	nq #	96
83) Chrysene	21.78	228	1734555	48.926	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	998302	50.965	nq	99
85) Di-n-octyl phthalate	22.87	149	1699143	51.543	nq #	92
86) Indeno(1,2,3-cd)pyrene	28.75	276	2350240	50.078	nq #	88
88) Benzo(b)fluoranthene	23.98	252	1983493m	49.479	nq	
89) Benzo(k)fluoranthene	24.04	252	1920251	49.175	nq #	97
90) Benzo(a)pyrene	24.86	252	1953474	50.810	nq #	97
91) Dibenzo(a,h)anthracene	28.82	278	1916457	50.766	nq #	96
92) Benzo(g,h,i)perylene	29.92	276	1948015	51.649	nq #	95

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



#1

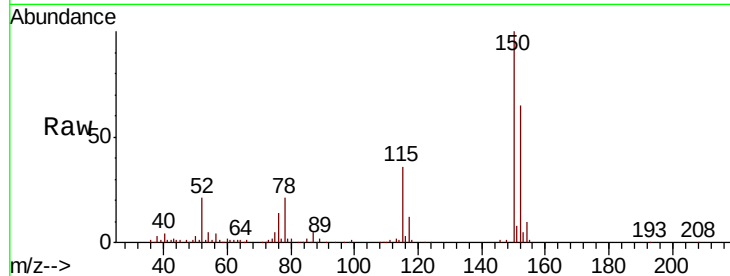
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	55.5	45.0	67.6

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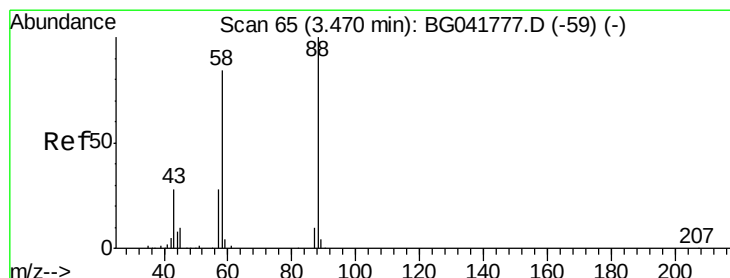
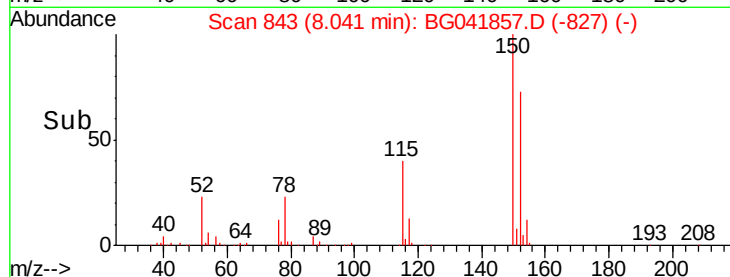
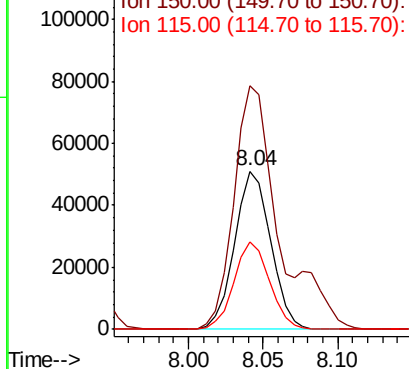


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

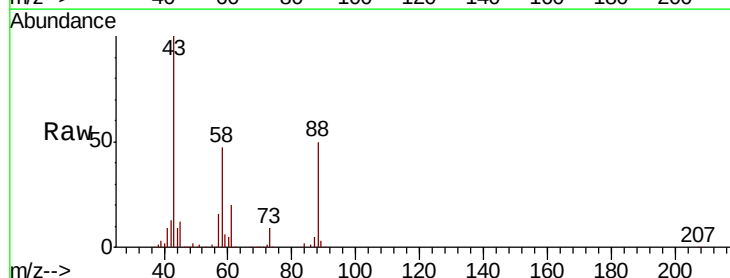
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.994 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	76.2	114.2
43	165.4	27.2	40.8#

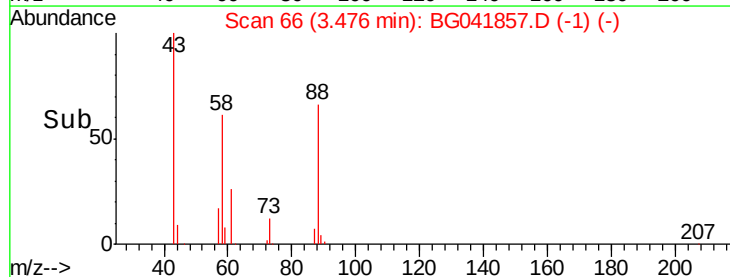
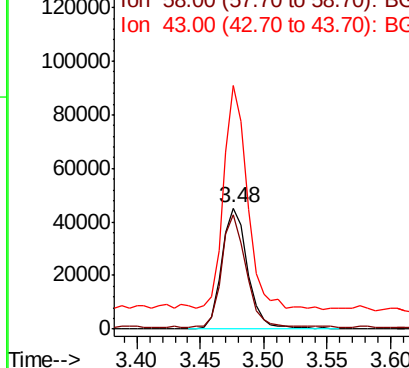


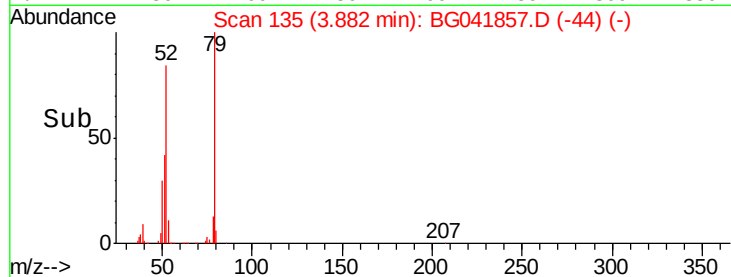
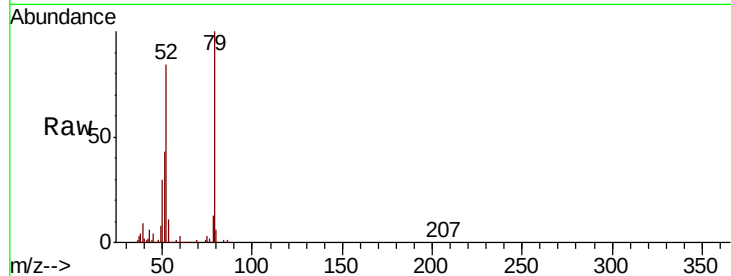
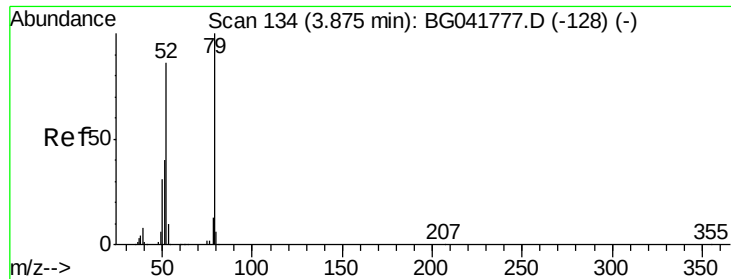
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





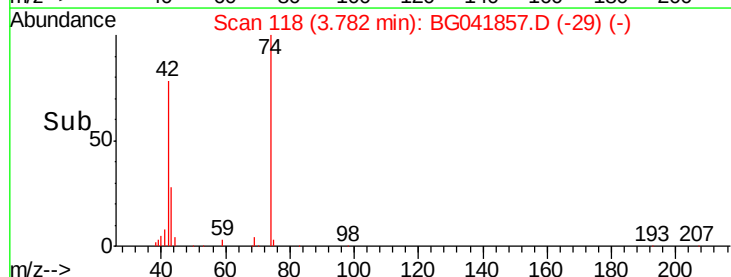
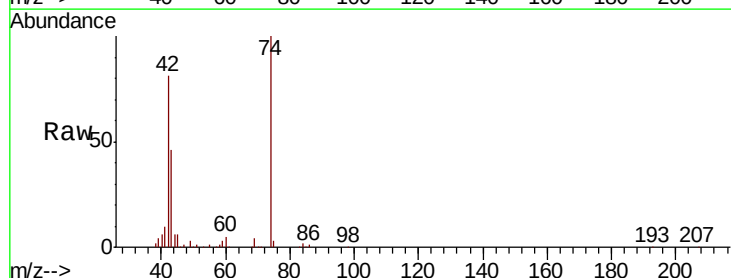
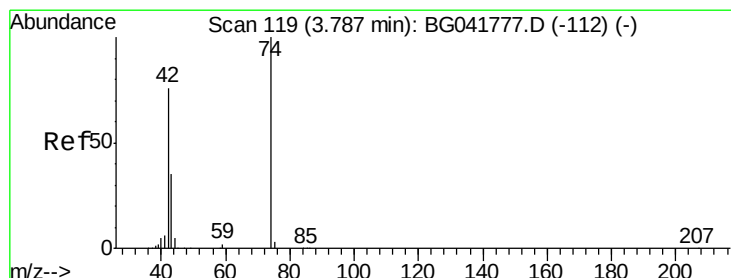
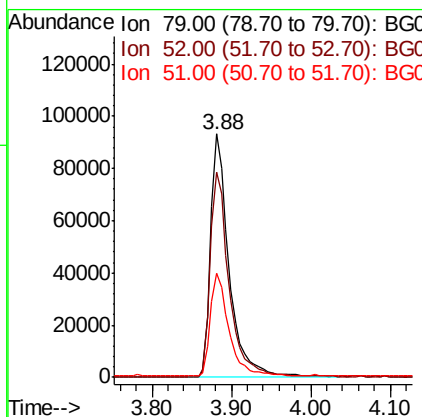
#3
 Pvridine
 Concen: 26.714 ng
 RT: 3.88 min Scan# 135
 Delta R.T. 0.01 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.5	77.1	115.7
51	42.8	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

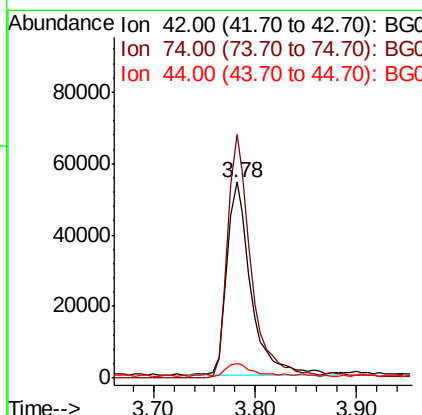
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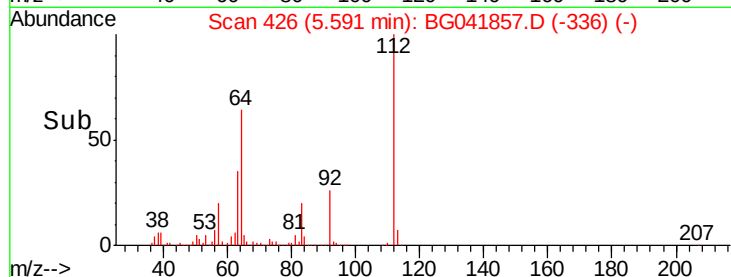
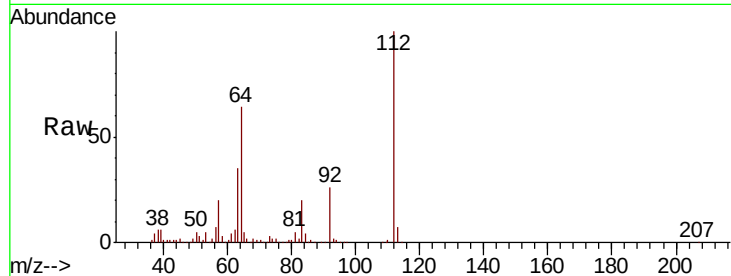
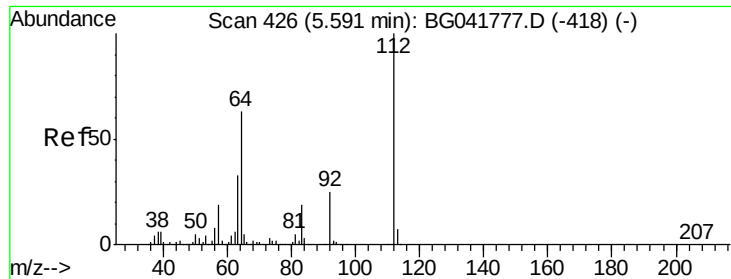
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#4
 n-Nitrosodimethylamine
 Concen: 38.906 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.2	97.4	146.2
44	7.4	6.6	9.8





#5

2-Fluorophenol

Concen: 128.435 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

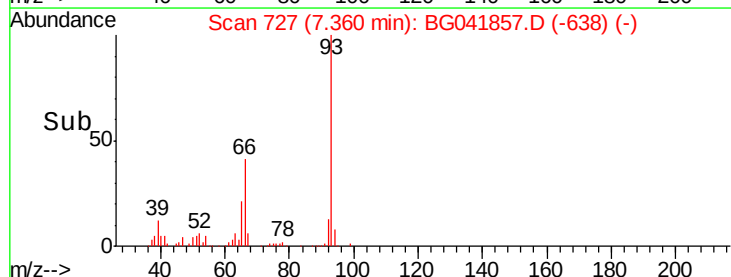
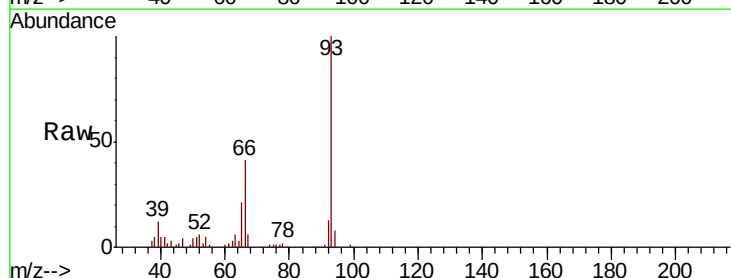
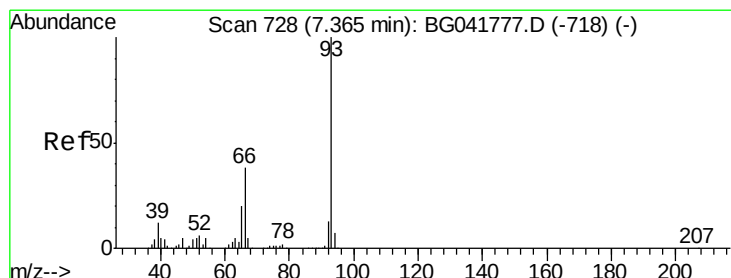
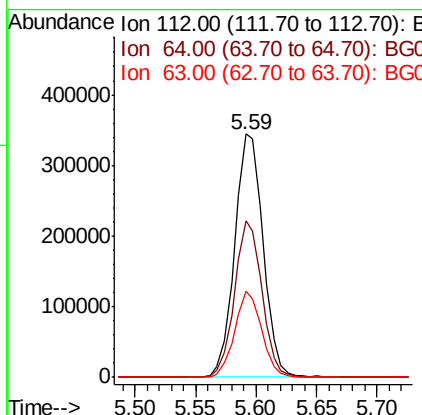
ClientSampleId :

OK-01-072919MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	64.4	55.4	83.2
63	35.3	29.1	43.7

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#6

Aniline

Concen: 18.814 ng

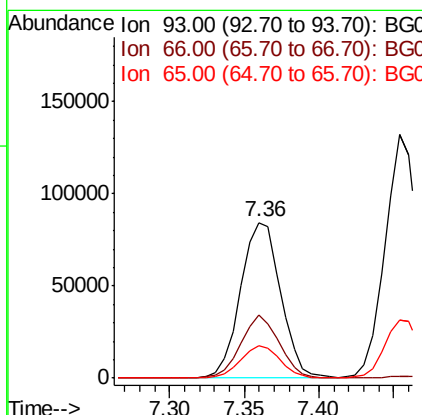
RT: 7.36 min Scan# 727

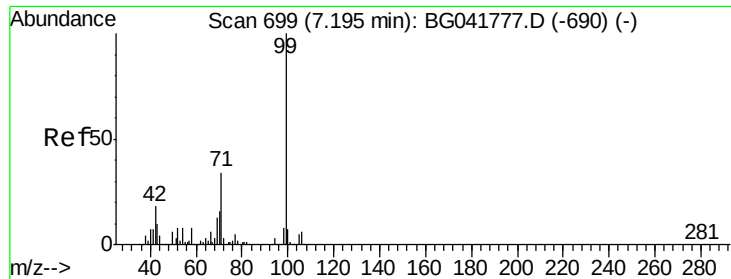
Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.7	34.2	51.2
65	21.0	18.2	27.2





#7

Phenol-d6

Concen: 123.028 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

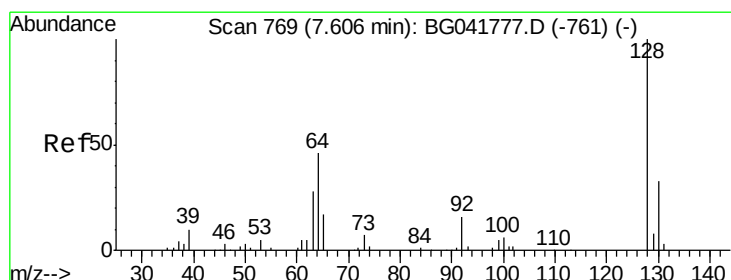
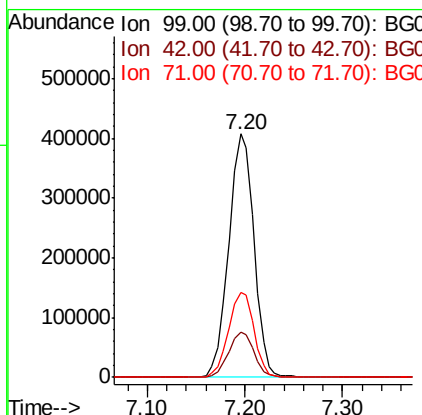
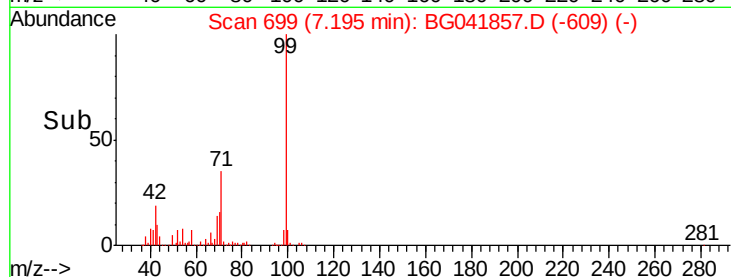
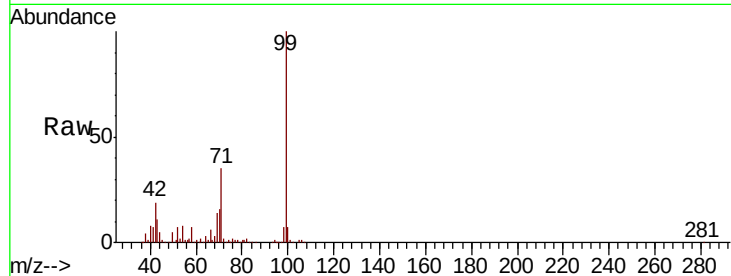
ClientSampleId :

OK-01-072919MS

Tot Ion:	99	Resp:	730690
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.6	26.4
71	34.8	27.8	41.6

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#8

2-Chlorophenol

Concen: 47.105 ng

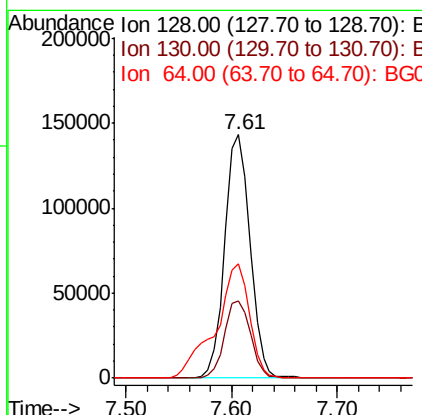
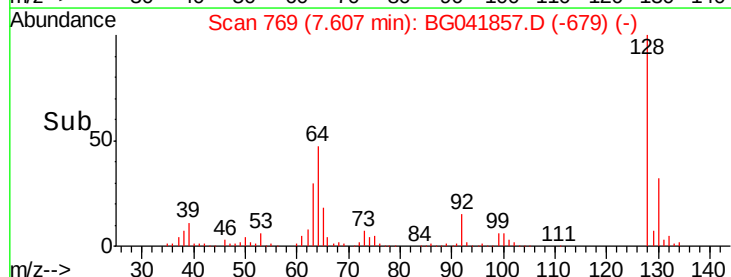
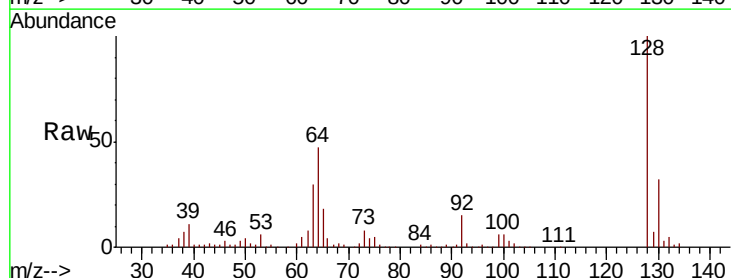
RT: 7.61 min Scan# 769

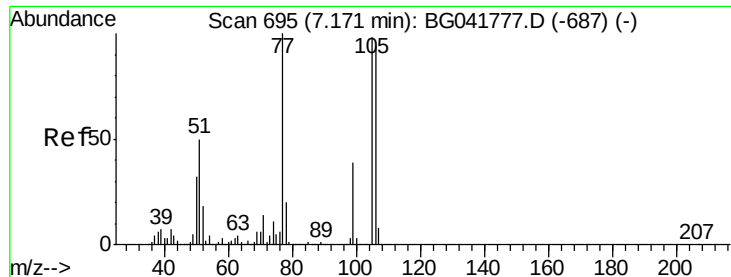
Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Tgt Ion:	128	Resp:	237628
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	46.7	34.9	74.9





#9

Benzaldehyde

Concen: 28.050 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

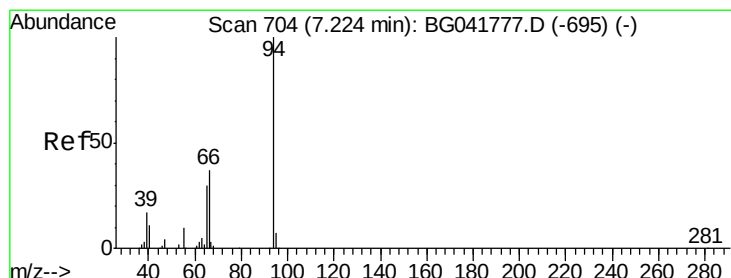
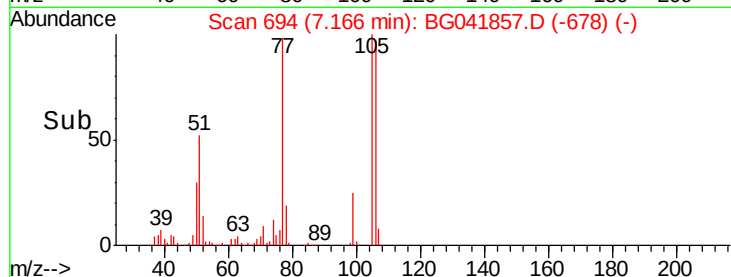
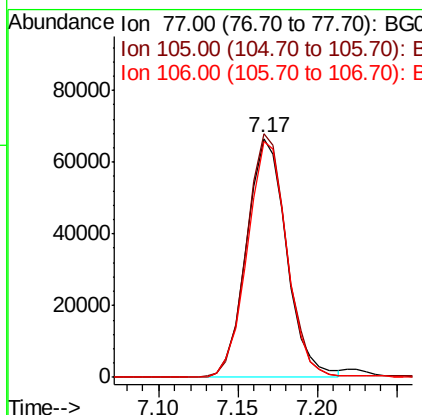
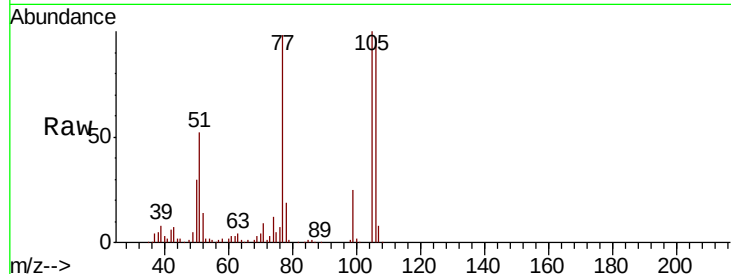
ClientSampleId :

OK-01-072919MS

Tot Ion:	77	Resp:	117222
Ion	Ratio	Lower	Upper
77	100		
105	101.9	74.6	114.6
106	99.0	71.1	111.1

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#10

Phenol

Concen: 40.559 ng

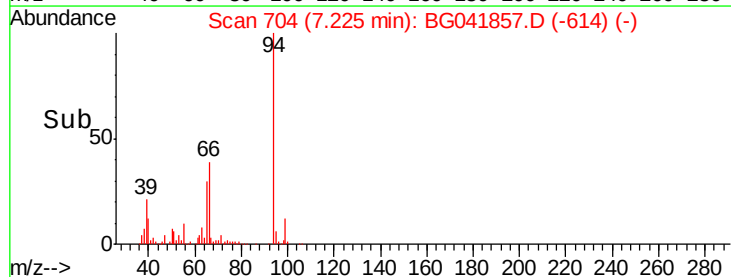
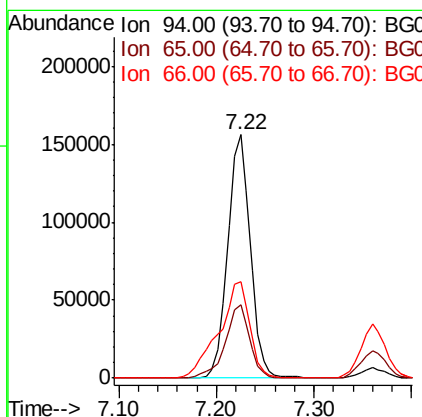
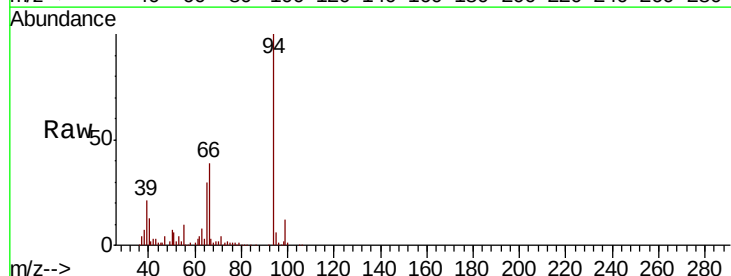
RT: 7.22 min Scan# 704

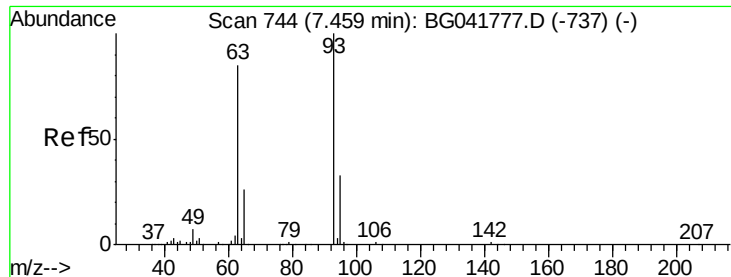
Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Tgt Ion:	94	Resp:	250611
Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.6	50.6
66	39.4	18.2	58.2





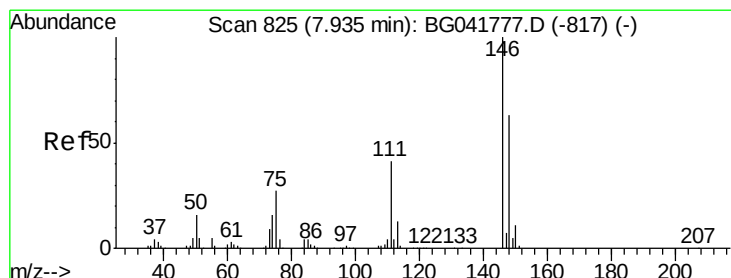
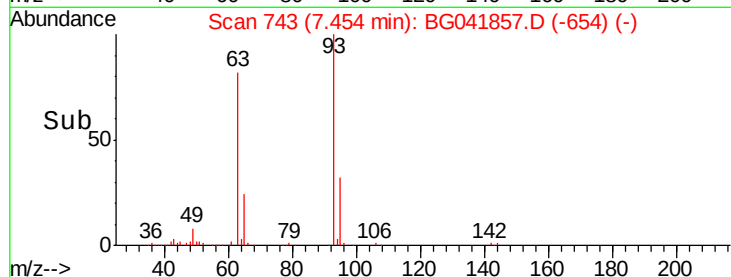
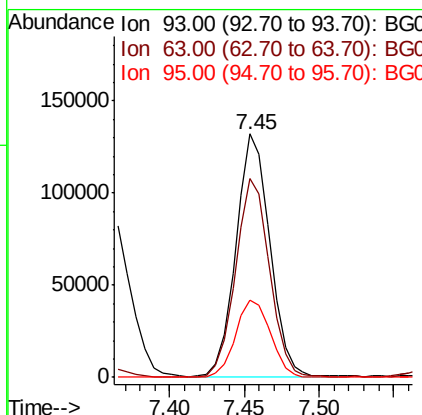
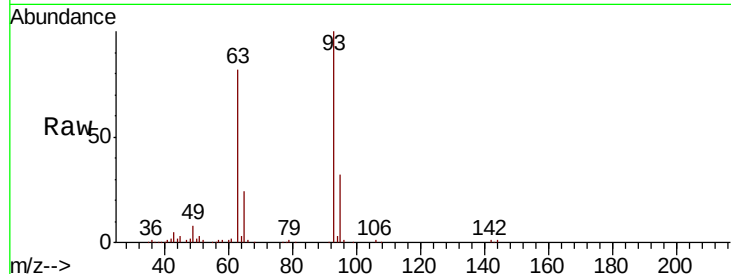
#11
bis(2-Chloroethyl)ether
Concen: 40.798 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	93	Resp	207238
Ion	Ratio	Lower	Upper
93	100		
63	81.8	70.4	110.4
95	31.6	12.8	52.8

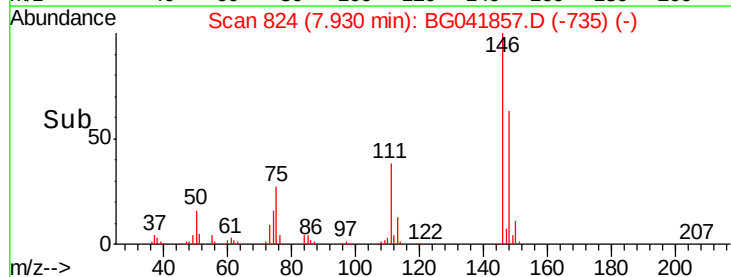
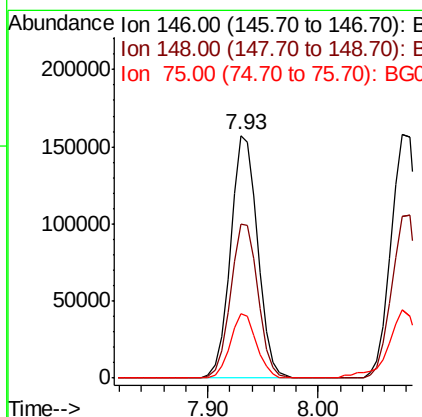
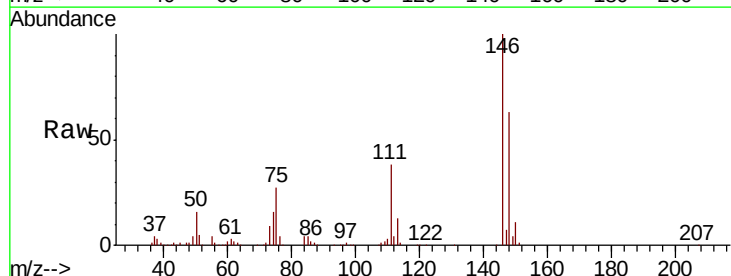
Manual Integrations
APPROVED

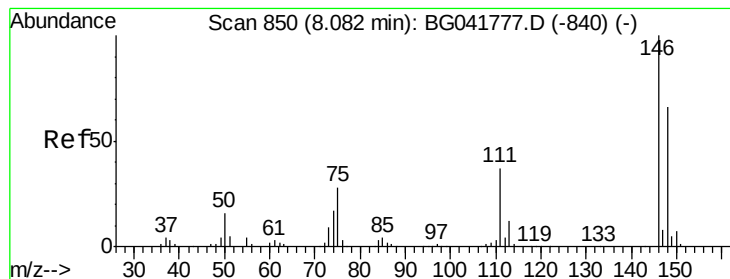
mohammad
8/5/2019 1:47:20 PM



#12
1,3-Dichlorobenzene
Concen: 41.044 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	146	Resp	270236
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
75	26.6	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.699 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

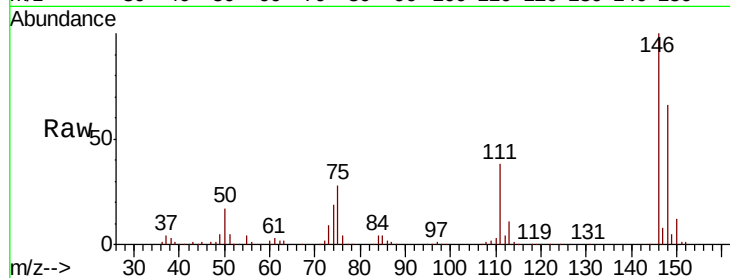
ClientSampleId :

OK-01-072919MS

Tot Ion:	146	Resp:	274713
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.6	79.0
111	38.1	32.5	48.7

Manual Integrations
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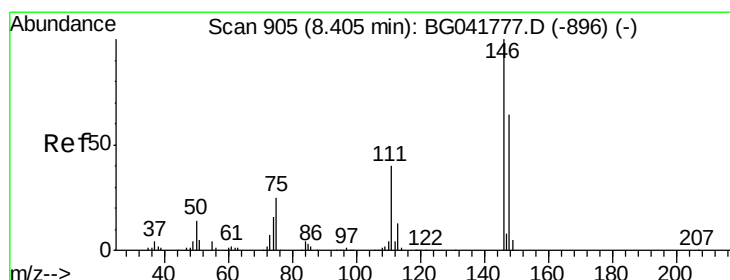
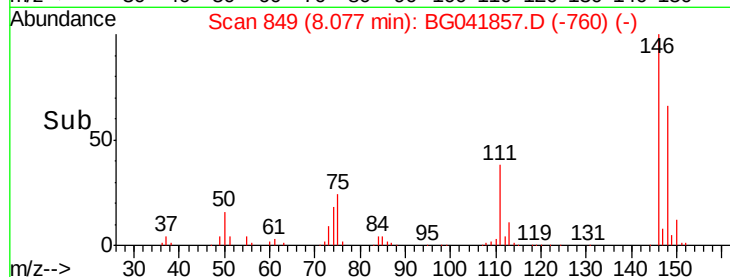
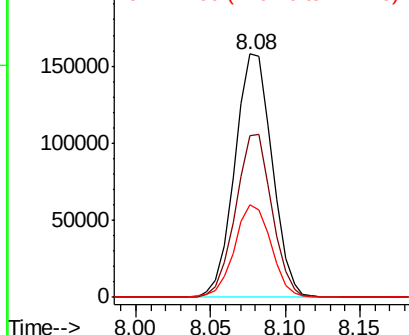


Abundance

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: 41.321 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

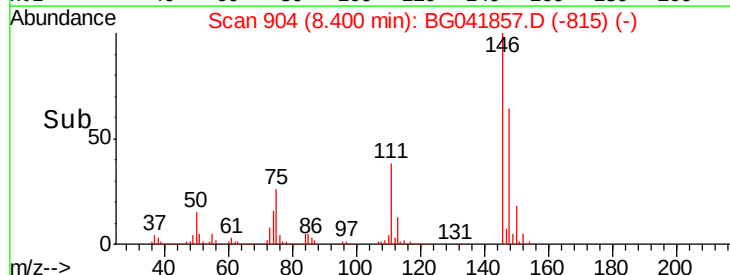
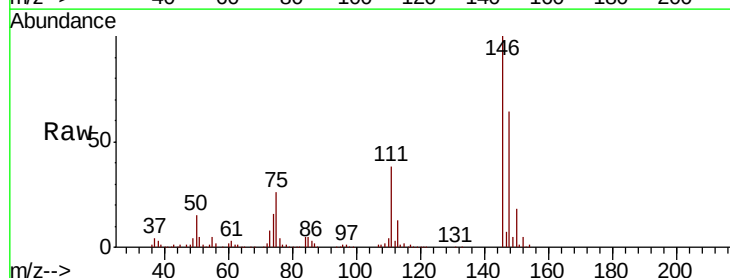
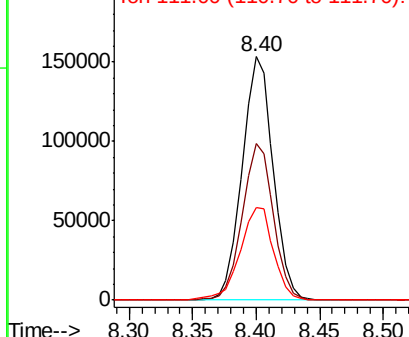
Tgt Ion:	146	Resp:	259757
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.5	80.3
111	37.9	35.4	53.0

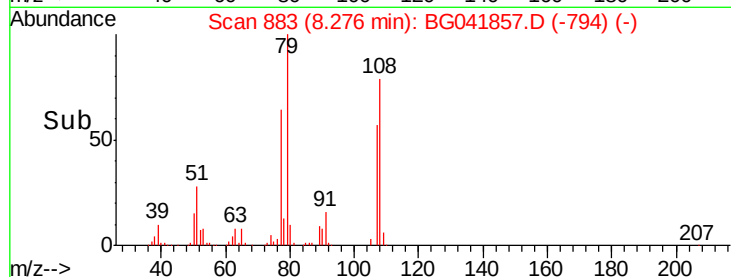
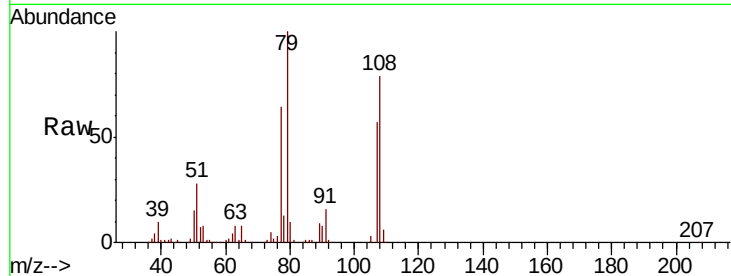
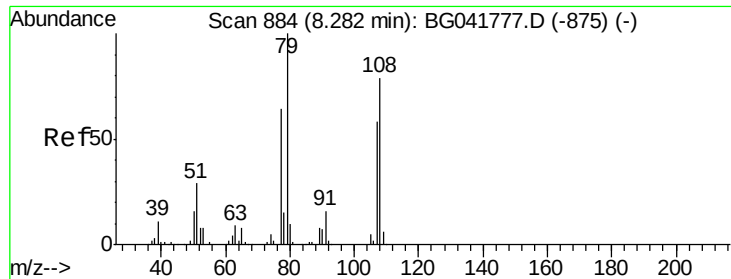
Abundance

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





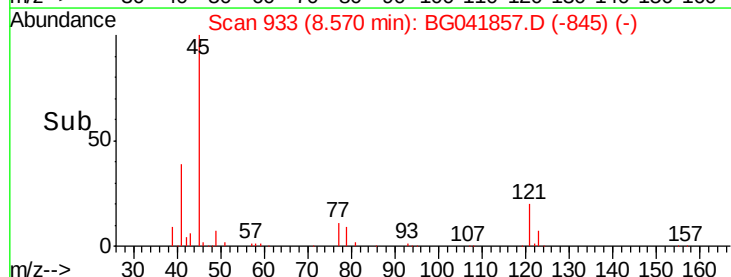
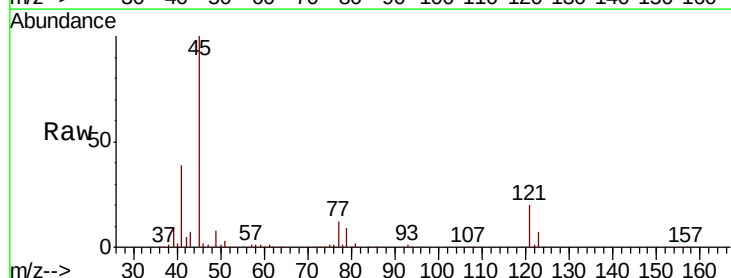
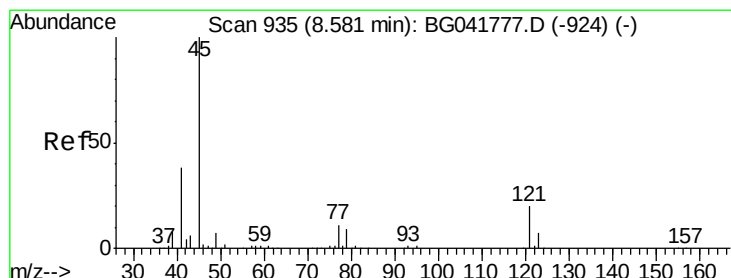
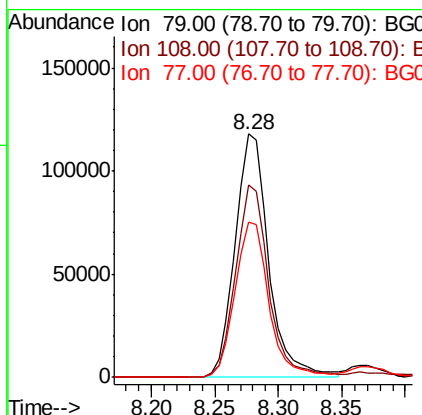
#15
Benzyl Alcohol
Concen: 46.503 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.2	60.5	90.7	
77	63.5	50.6	75.8	

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

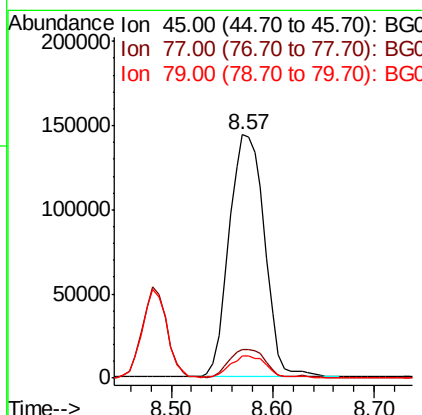
Manual Integrations
APPROVED

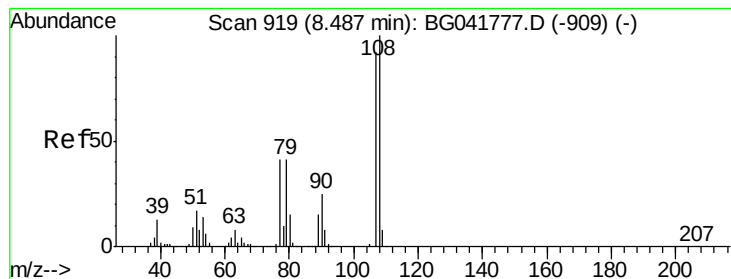
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.424 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.0	0.0	30.4	
79	9.3	0.0	27.9	





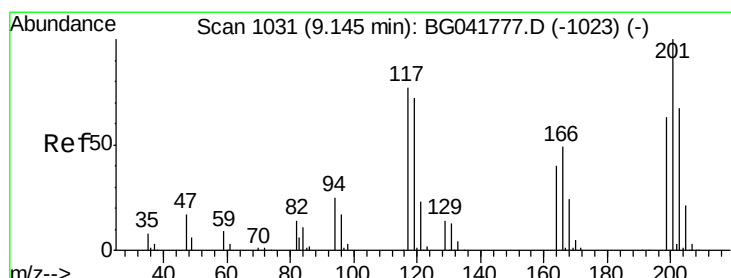
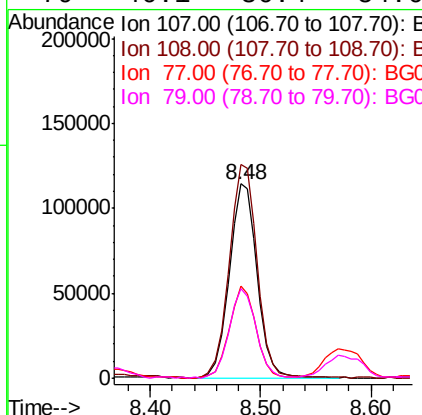
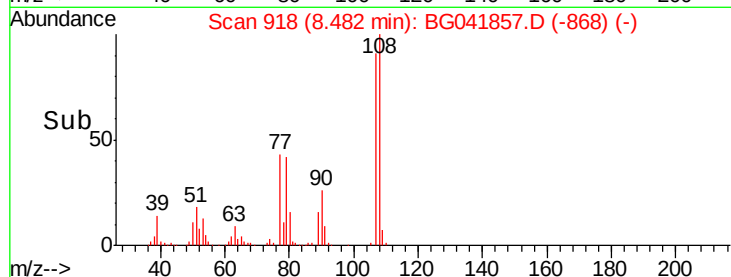
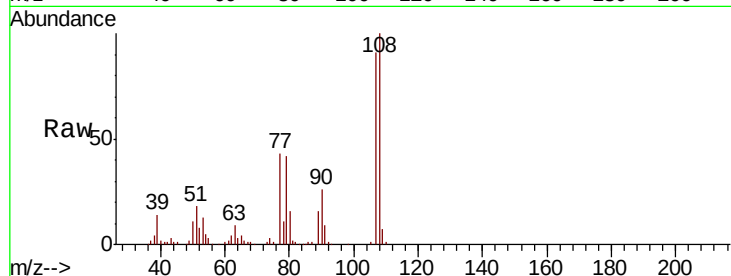
#17
2-Methylphenol
Concen: 44.983 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	87.6	131.4	
77	47.7	36.1	54.1	
79	46.1	36.4	54.6	

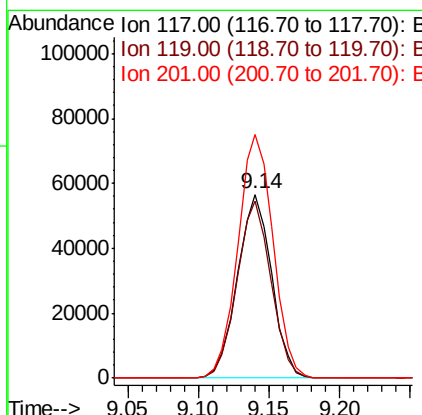
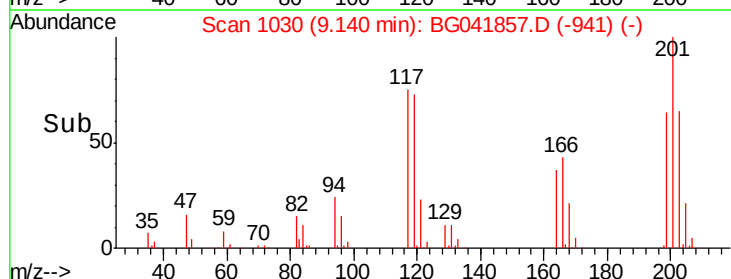
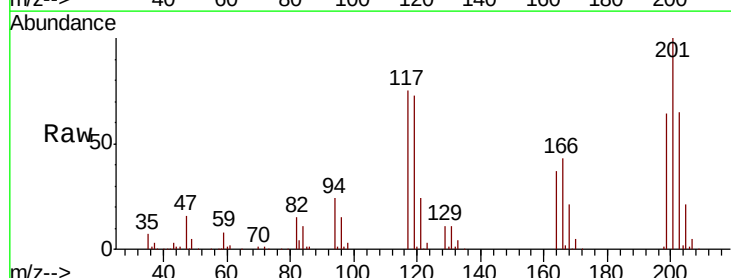
Manual Integrations
APPROVED

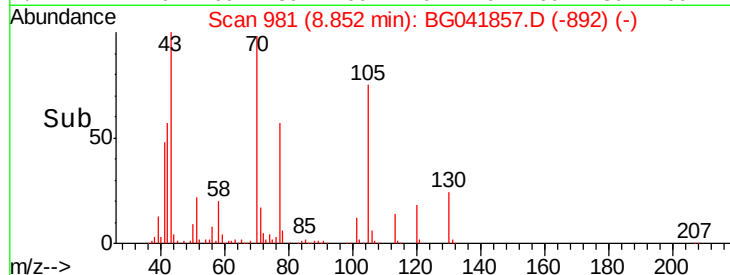
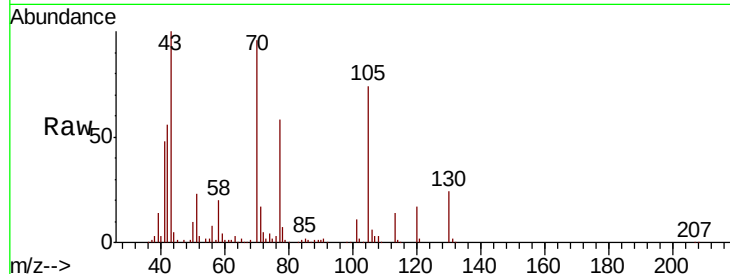
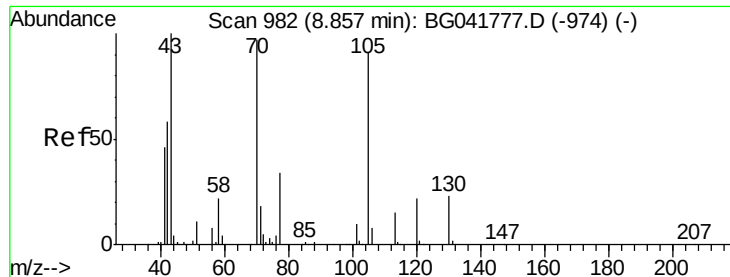
mohammad
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#18
Hexachloroethane
Concen: 42.299 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.2	114.2	
201	132.7	94.1	141.1	





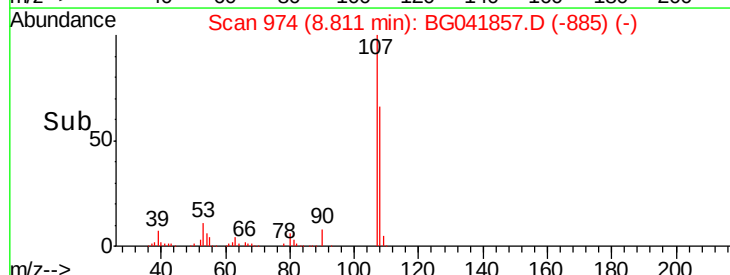
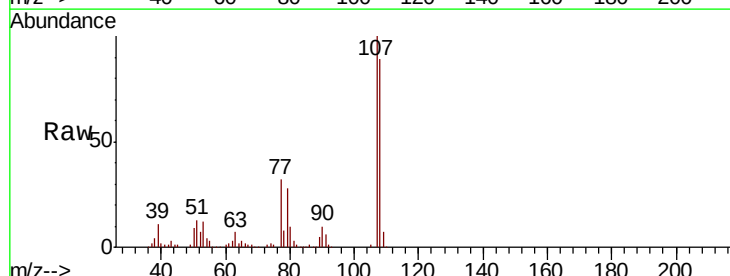
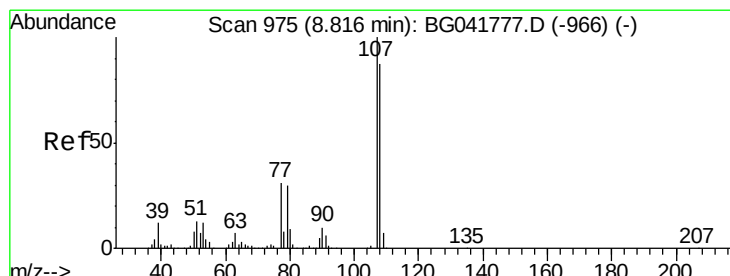
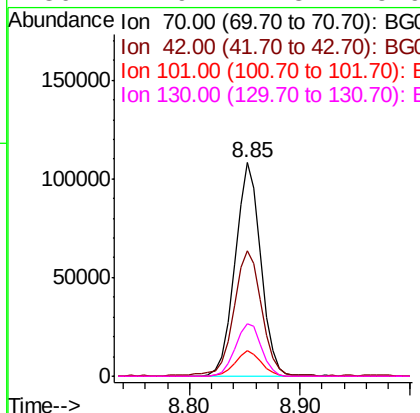
#19
n-Nitroso-di-n-propylamine
Concen: 41.043 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	55.8	83.6	
101	11.9	8.1	12.1	
130	24.9	17.3	25.9	

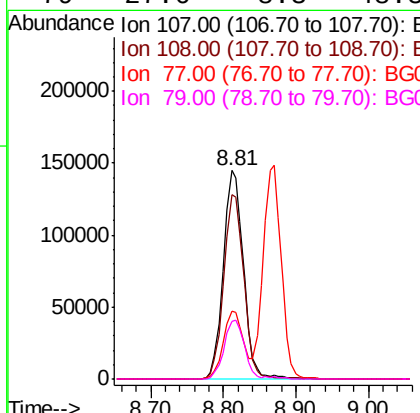
Manual Integrations
APPROVED

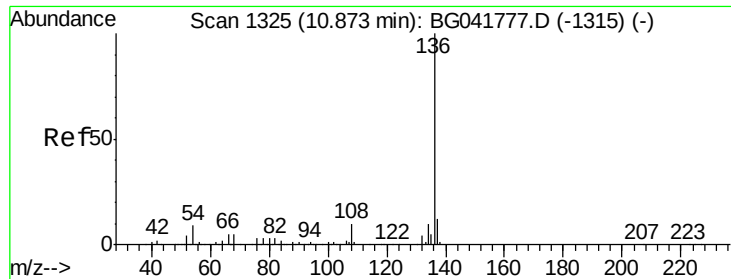
mohammad
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#20
3+4-Methylphenols
Concen: 45.396 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	67.5	107.5	
77	32.3	12.3	52.3	
79	27.6	8.3	48.3	





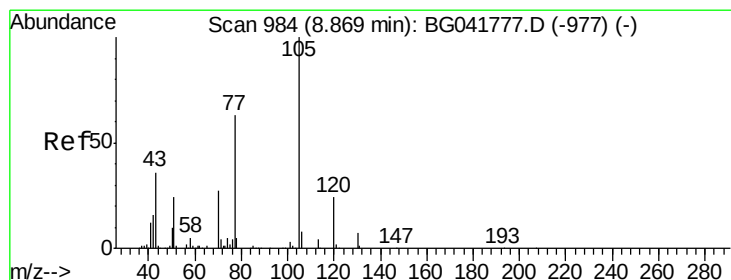
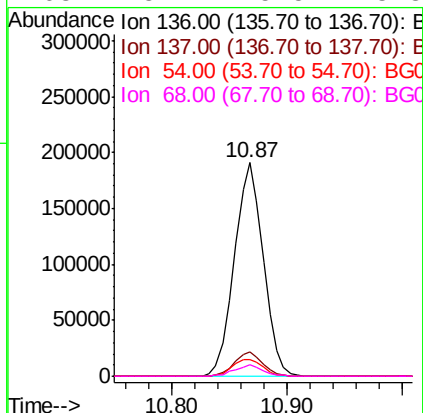
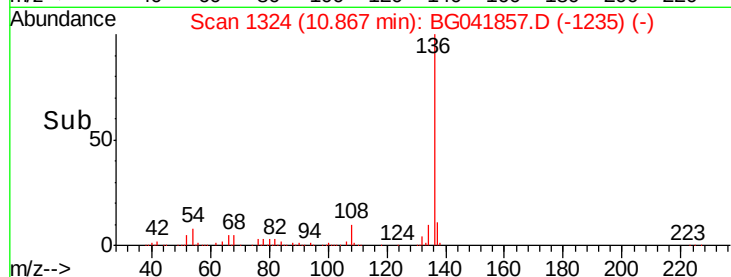
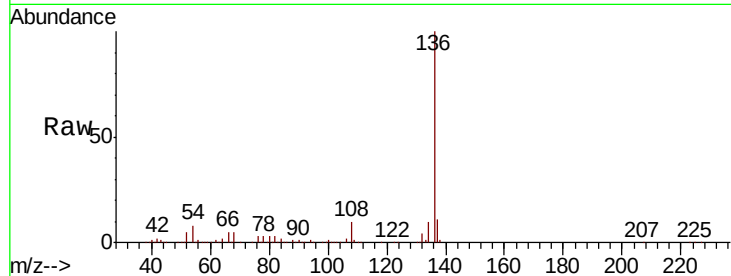
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	8.1	8.7	13.1#	
68	5.4	5.5	8.3#	

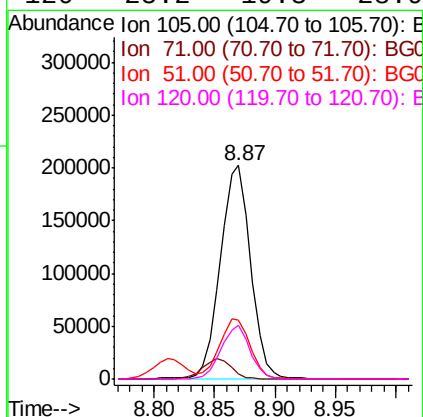
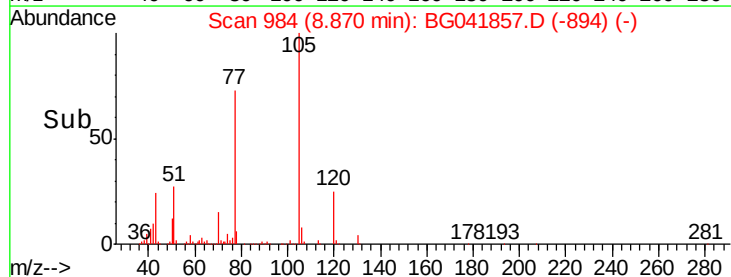
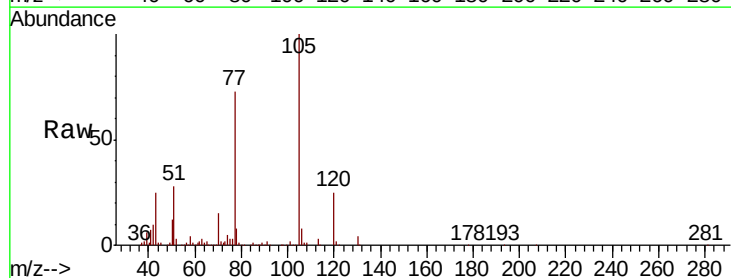
Manual Integrations
APPROVED

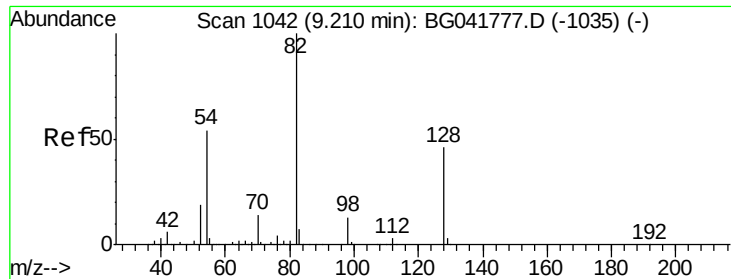
mohammad
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#22
Acetophenone
Concen: 47.239 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	5.9	8.9#	
51	27.6	27.7	41.5#	
120	25.2	19.3	28.9	





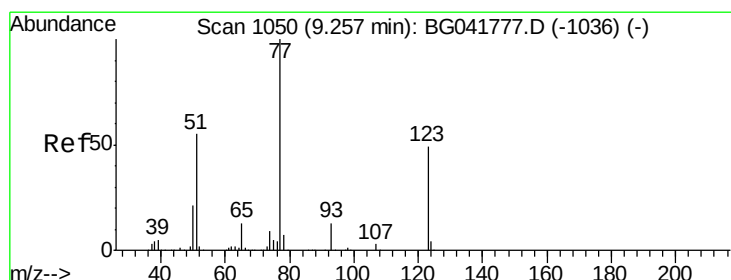
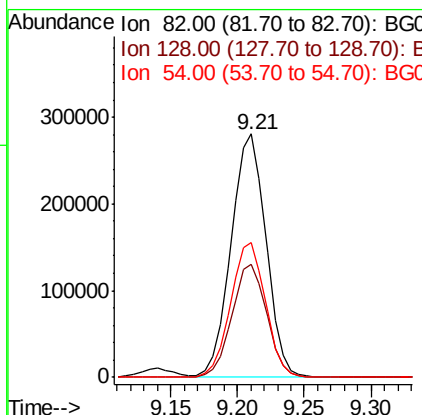
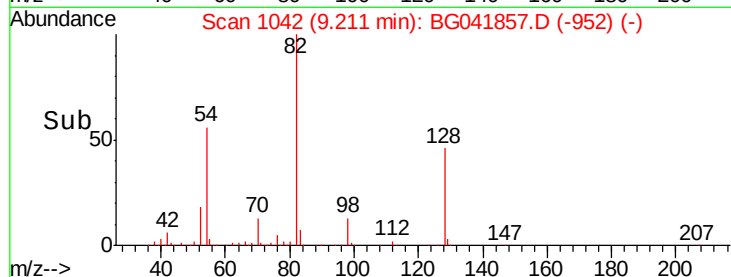
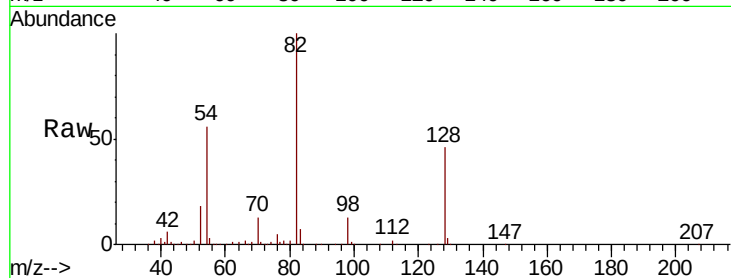
#23
Nitrobenzene-d5
Concen: 106.202 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	35.1	52.7	
54	55.6	48.7	73.1	

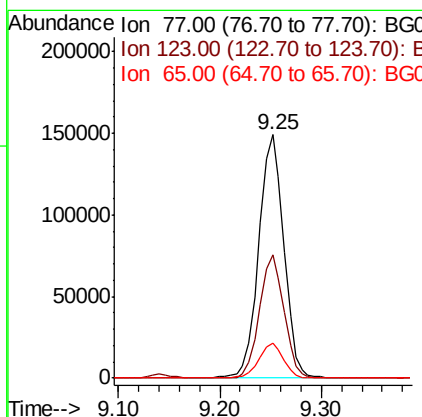
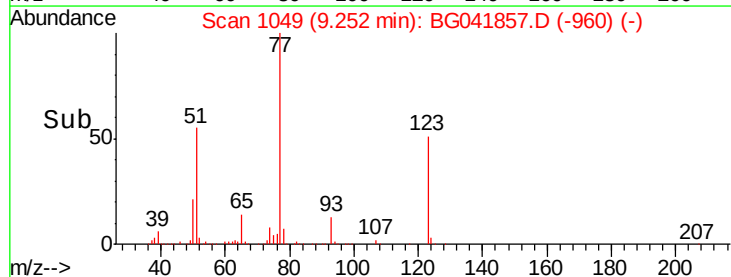
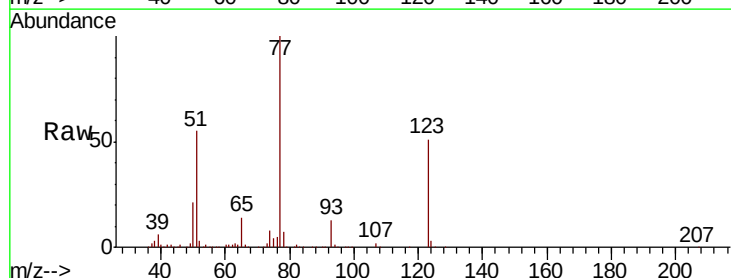
Manual Integrations
APPROVED

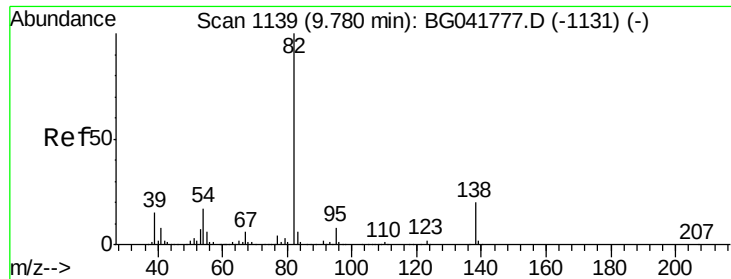
mohammad
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#24
Nitrobenzene
Concen: 50.654 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.8	38.1	57.1	
65	14.1	11.0	16.6	





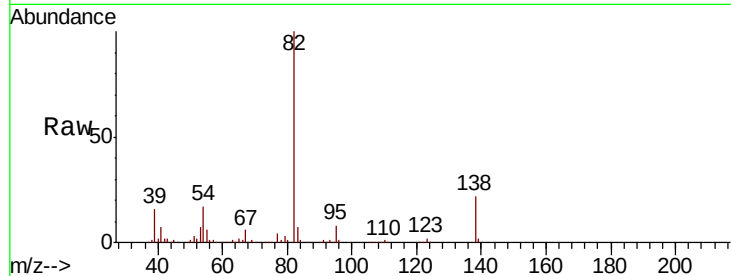
#25
Isophorone
Concen: 47.467 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.9	8.9
138	22.1	16.3	24.5

Manual Integrations
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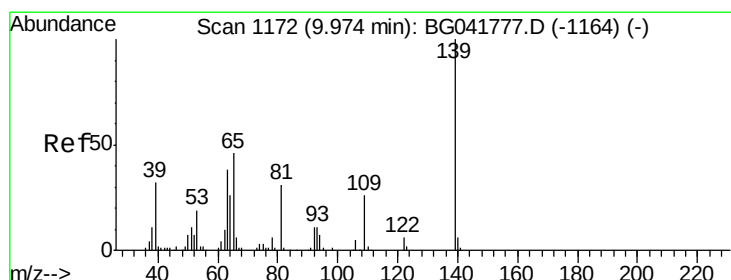
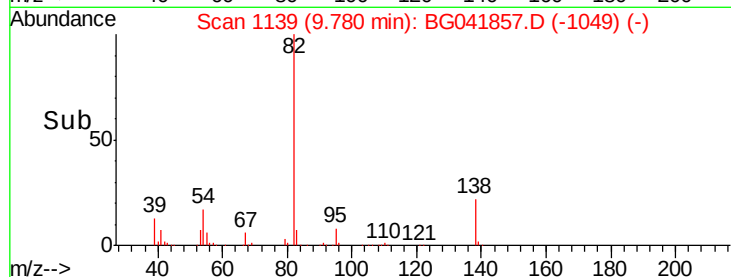
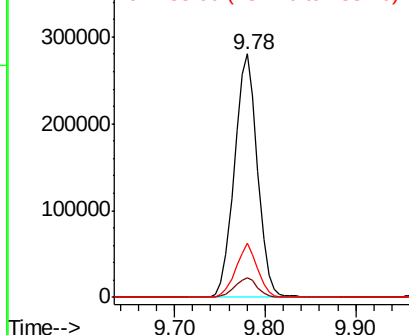


Abundance

Ion 82.00 (81.70 to 82.70): BGC

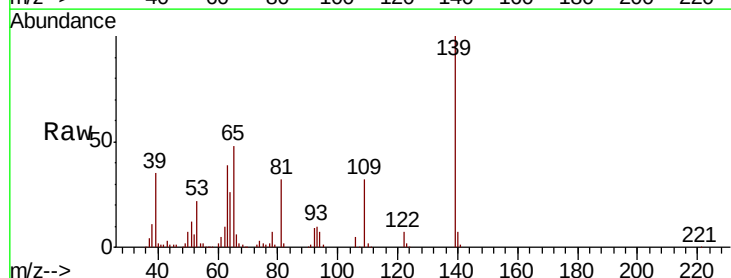
Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26
2-Nitrophenol
Concen: 61.378 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.0	22.7	34.1
65	48.0	41.1	61.7

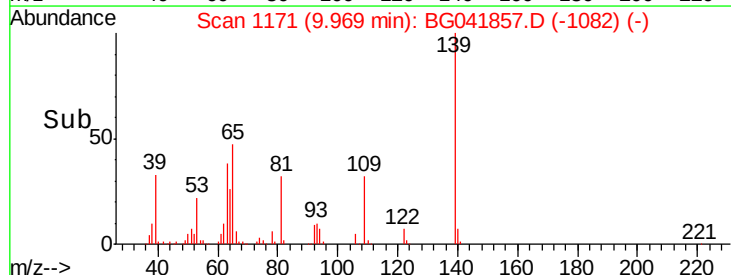
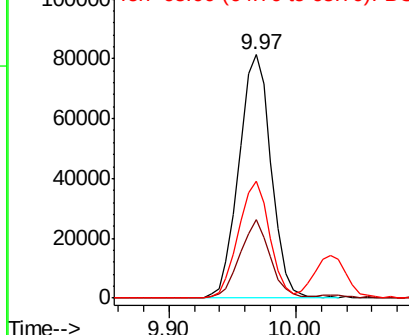


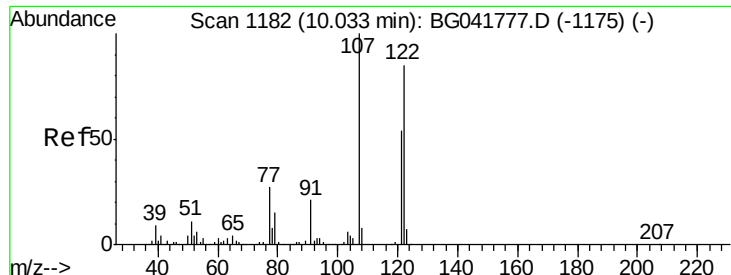
Abundance

Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





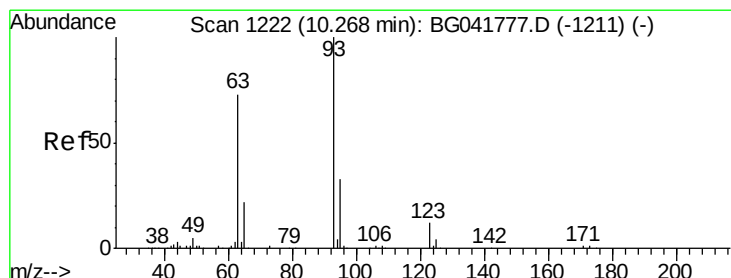
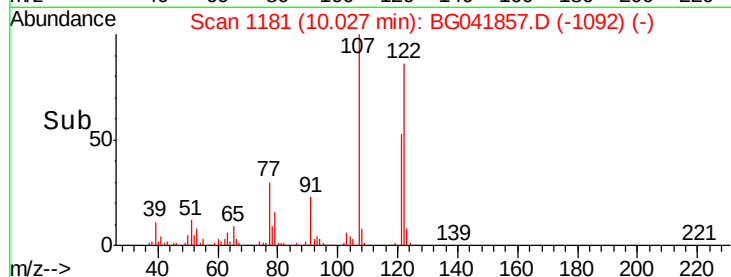
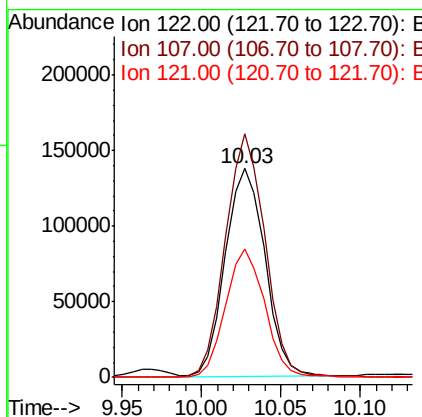
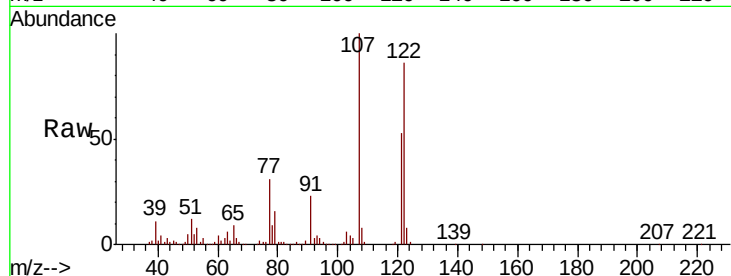
#27
2,4-Dimethylphenol
Concen: 57.670 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.3	136.9
121	61.6	49.2	73.8

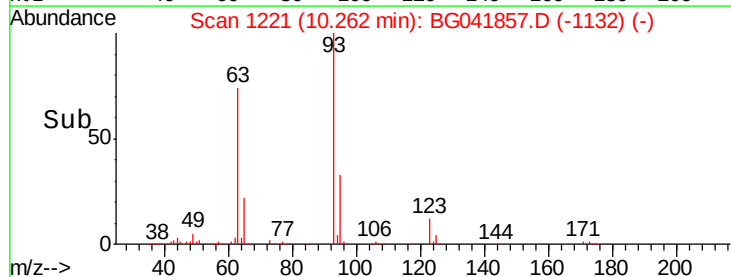
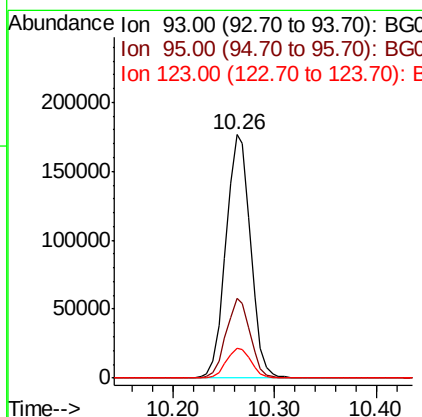
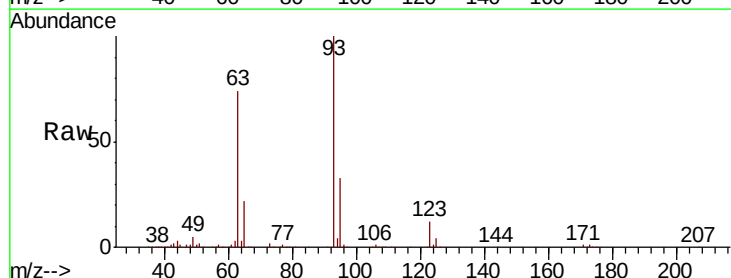
Manual Integrations
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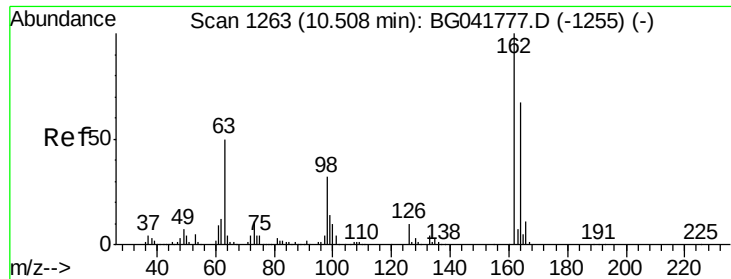
mohammad
8/5/2019 1:47:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.730 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.3	9.9	14.9





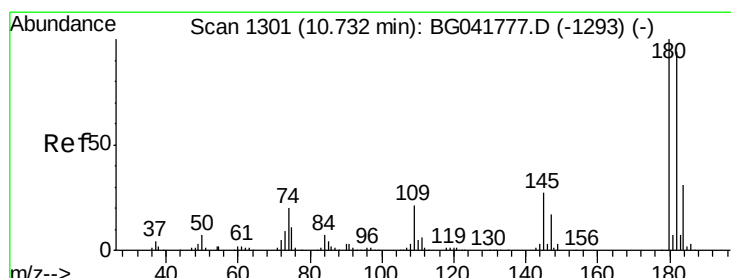
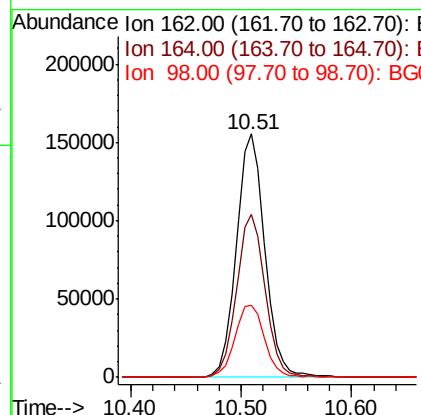
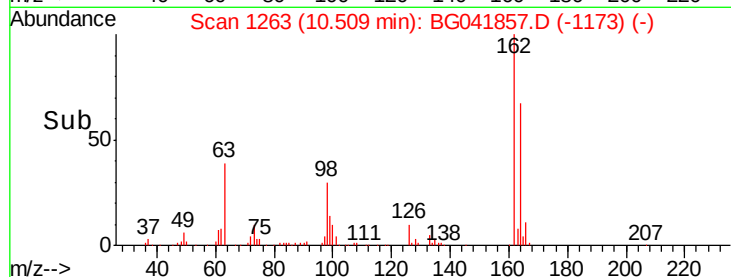
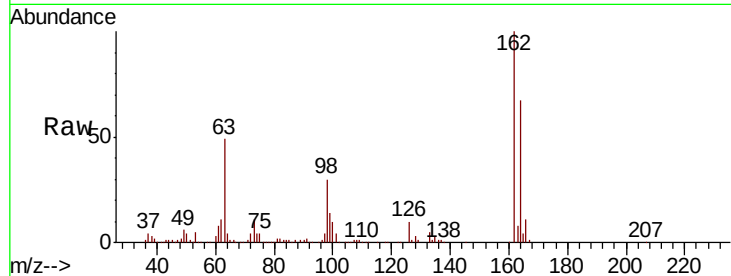
#29
2,4-Dichlorophenol
Concen: 55.879 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	281366		
164	66.7	46.1	86.1	
98	29.6	14.7	54.7	

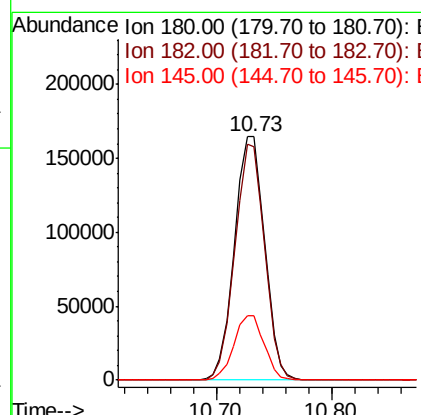
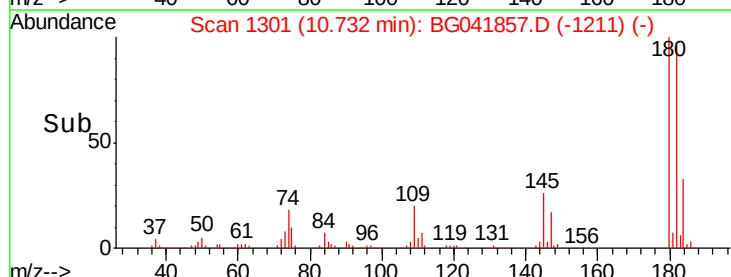
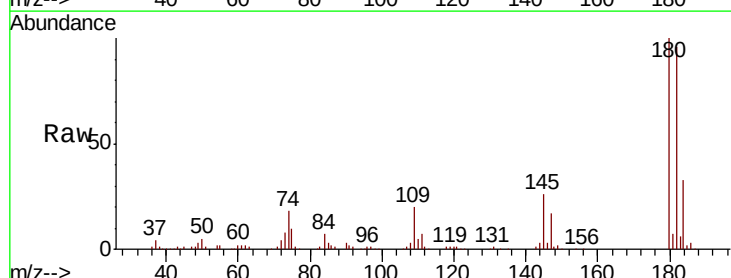
Manual Integrations
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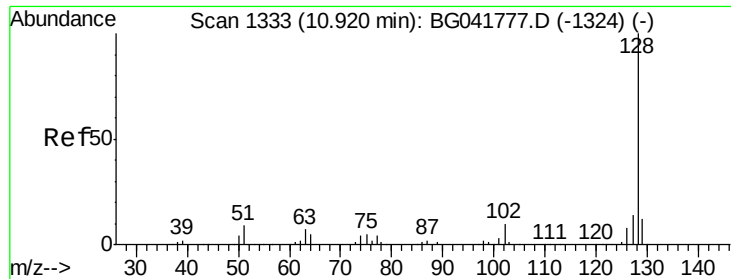
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.897 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	299444		
182	95.9	76.2	114.2	
145	26.3	23.8	35.8	





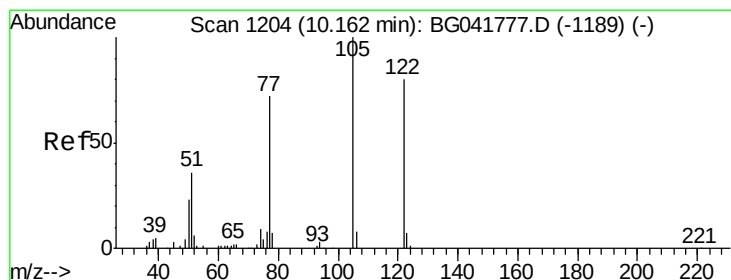
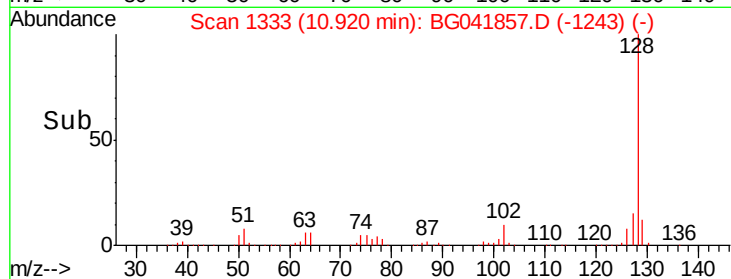
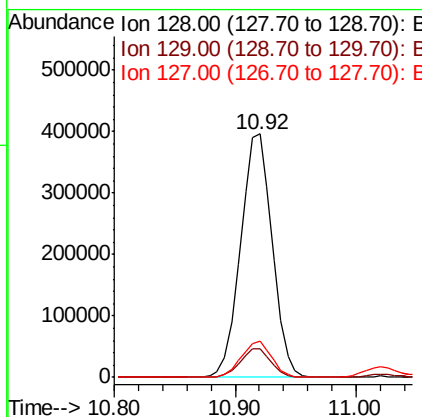
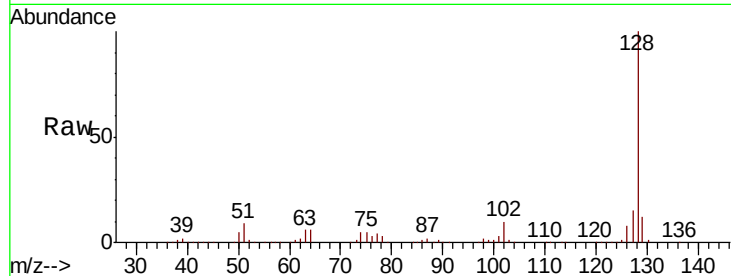
#31
Naphthalene
Concen: 47.987 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	14.8	12.3	18.5

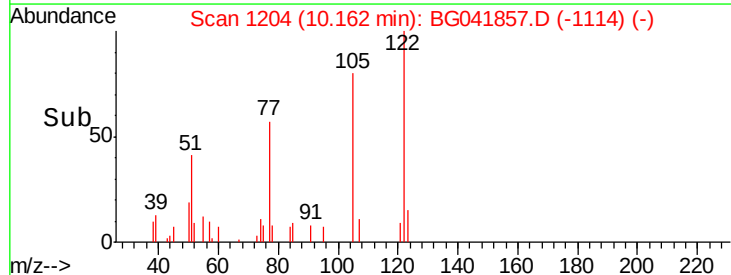
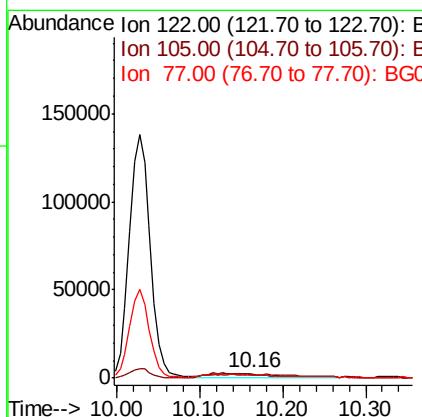
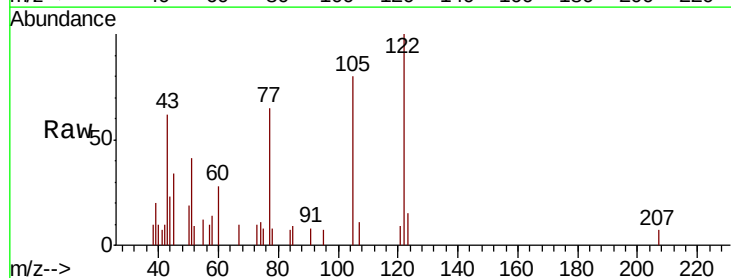
Manual Integrations
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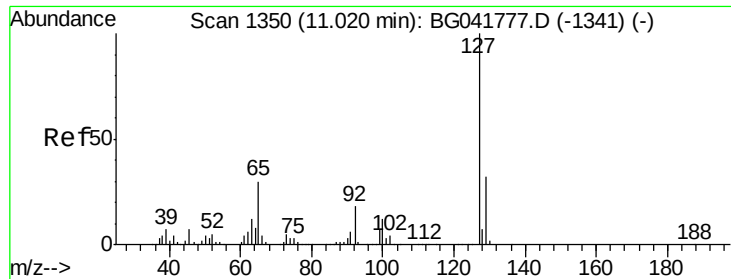
mohammad
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#32
Benzoic acid
Concen: 13.135 ng m
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	80.5	101.5	141.5#
77	65.3	73.0	113.0#





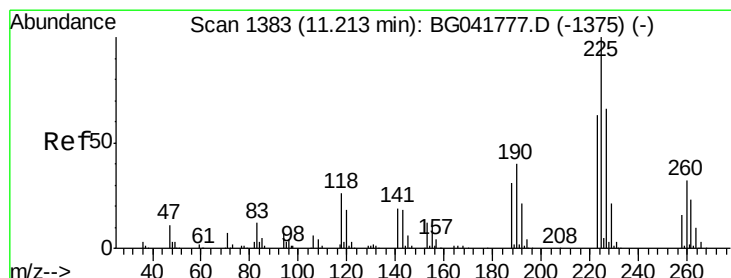
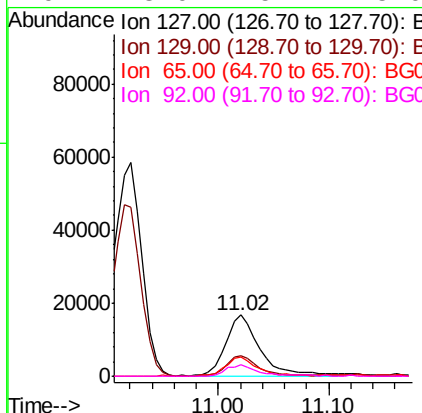
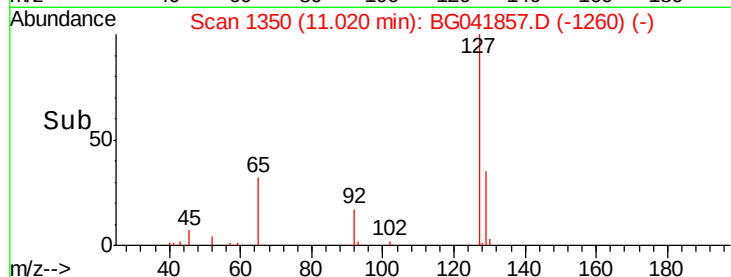
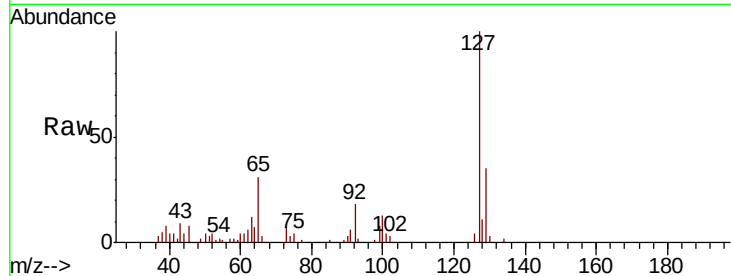
#33
4-Chloroaniline
Concen: 5.120 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5	25.8	38.8		
65	31.2	26.7	40.1		
92	18.0	15.4	23.0		

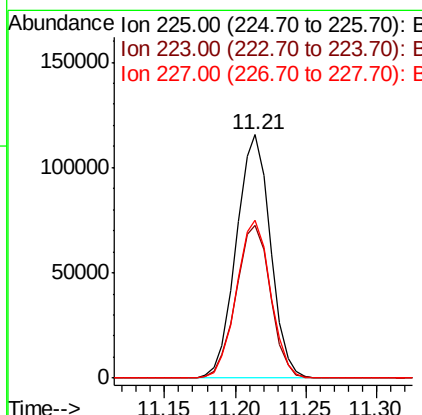
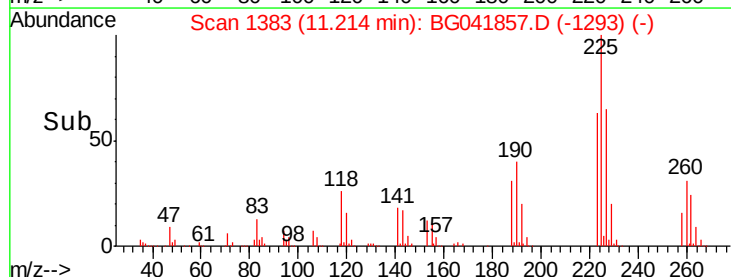
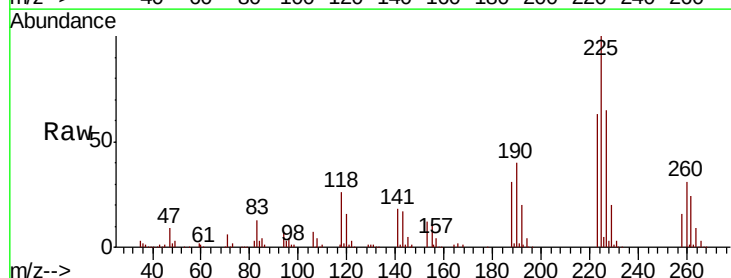
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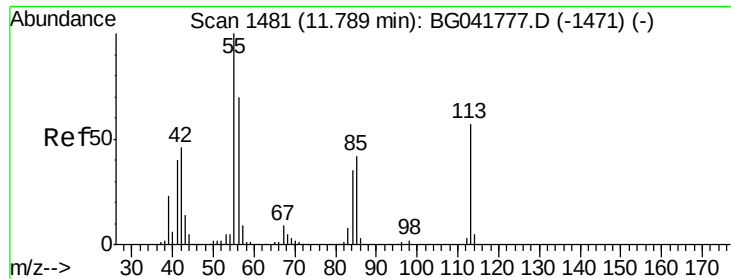
mohammad
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#34
Hexachlorobutadiene
Concen: 45.284 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.1	76.7		
227	64.9	50.9	76.3		





#35

Caprolactam

Concen: 48.555 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

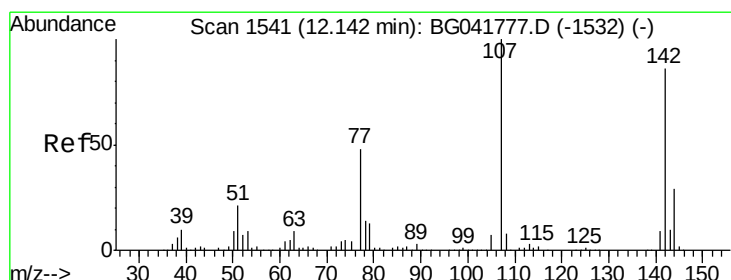
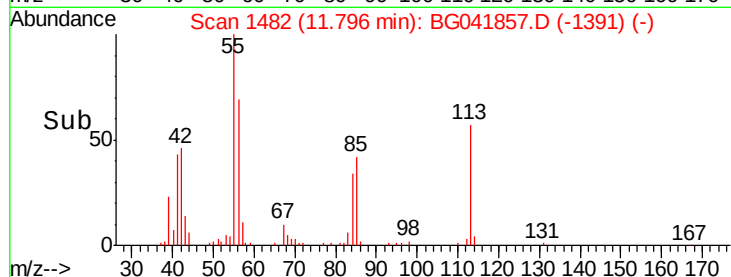
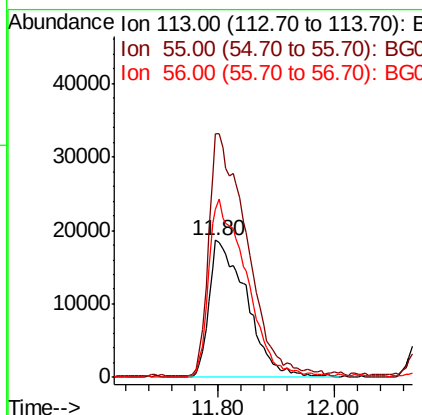
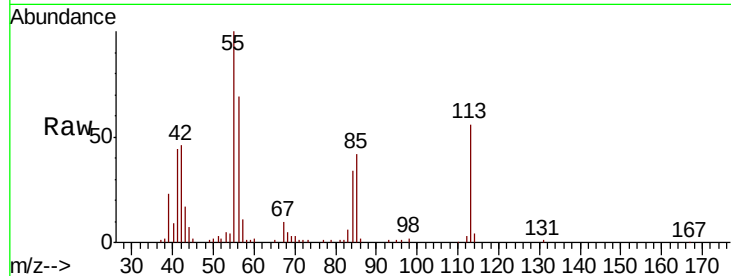
ClientSampleId :

OK-01-072919MS

Tot Ion:113 Resp: 84966
 Ion Ratio Lower Upper
 113 100
 55 177.5 199.4 239.4#
 56 122.4 133.6 173.6#

Manual Integrations
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 8/5/2019 1:47:20 PM



#36

4-Chloro-3-methylphenol

Concen: 57.964 ng

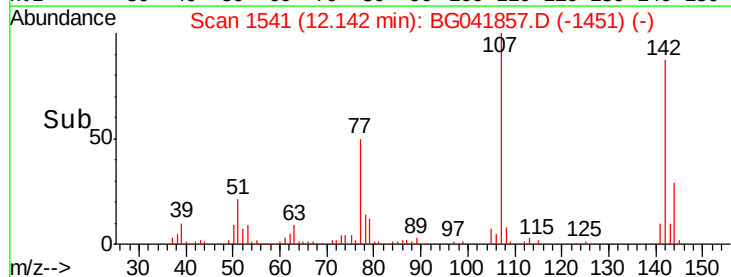
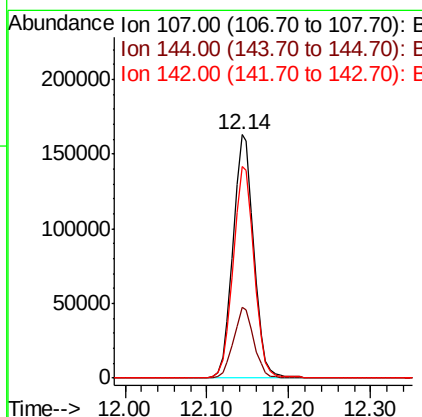
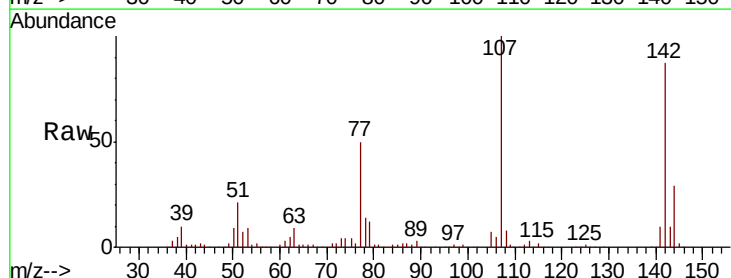
RT: 12.14 min Scan# 1541

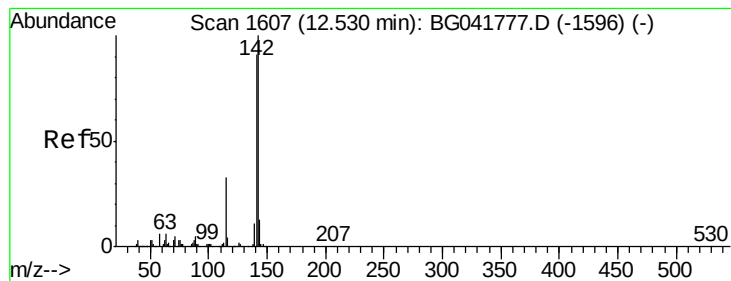
Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Tgt Ion:107 Resp: 289358
 Ion Ratio Lower Upper
 107 100
 144 29.3 22.2 33.2
 142 87.0 67.3 100.9





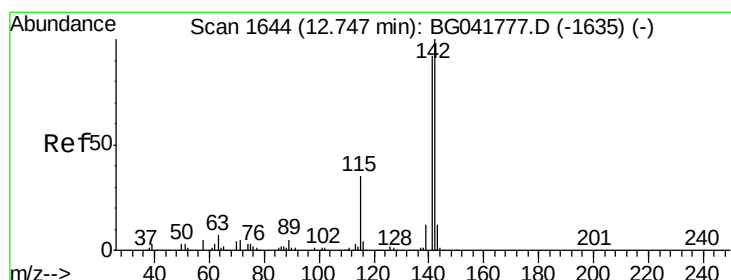
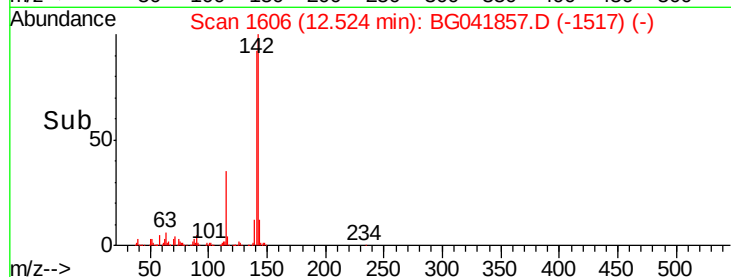
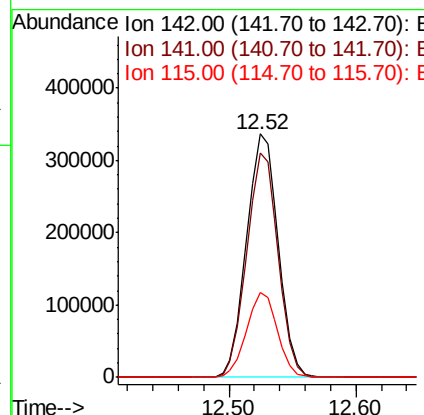
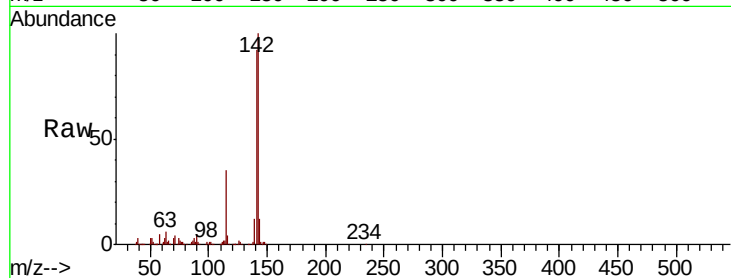
#37
2-Methylnaphthalene
Concen: 48.973 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
115	35.1	27.0	40.4

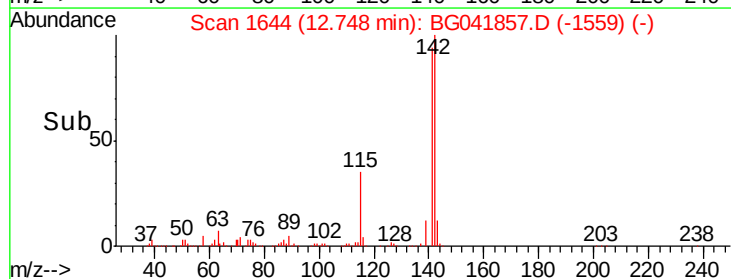
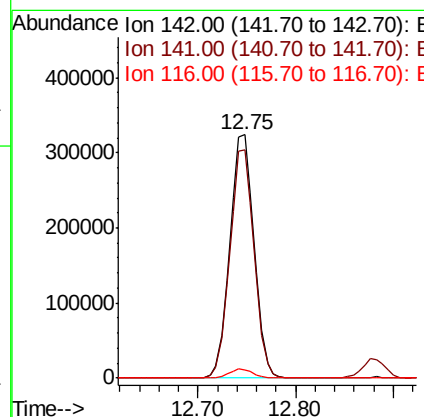
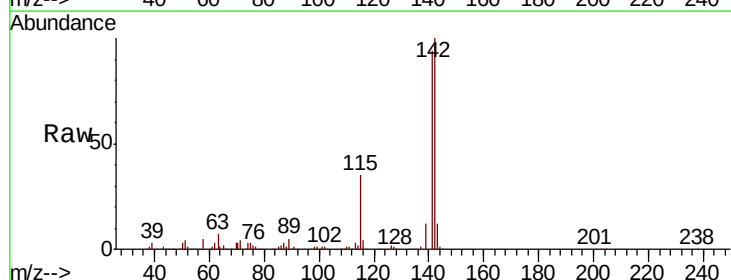
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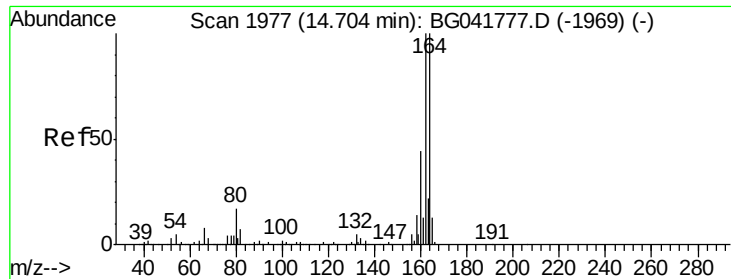
mohammad
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#38
1-Methylnaphthalene
Concen: 49.206 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.4	113.2
116	3.5	3.2	4.8





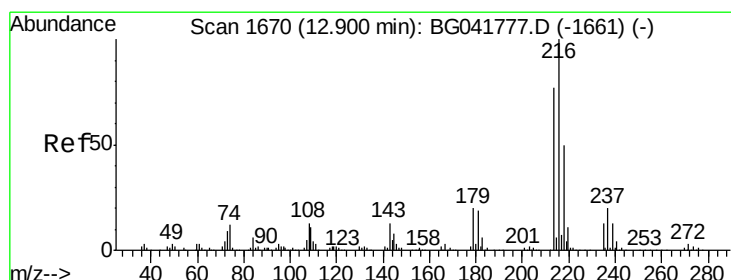
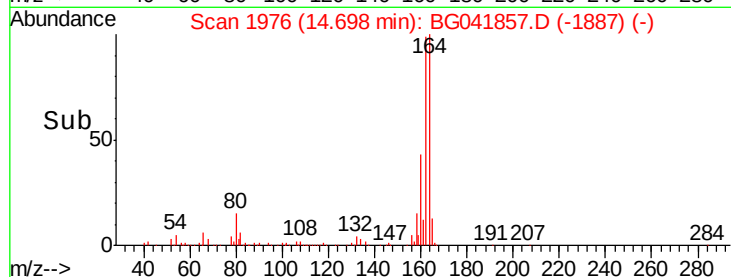
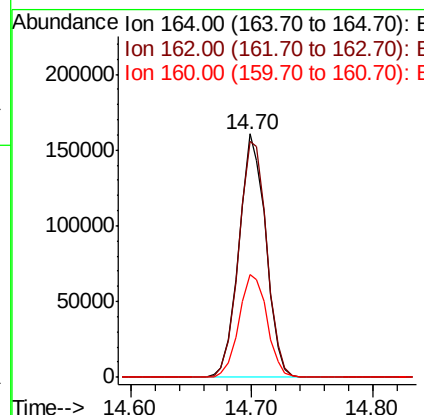
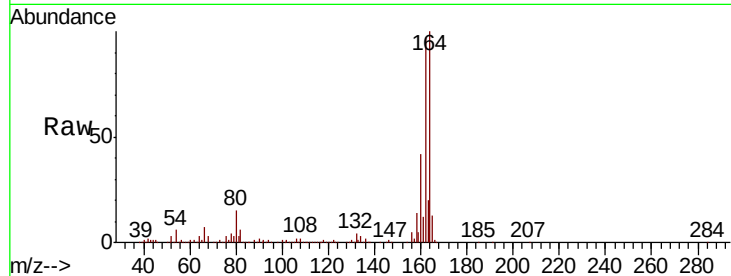
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.6	119.4
160	42.3	35.4	53.0

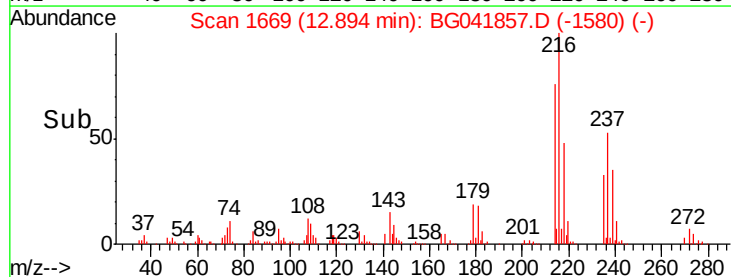
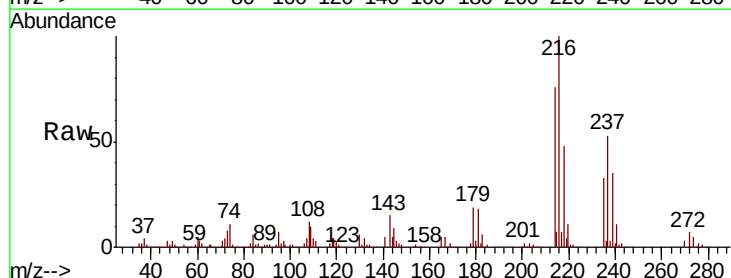
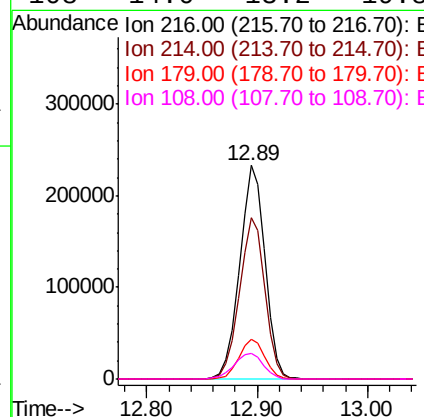
Manual Integrations
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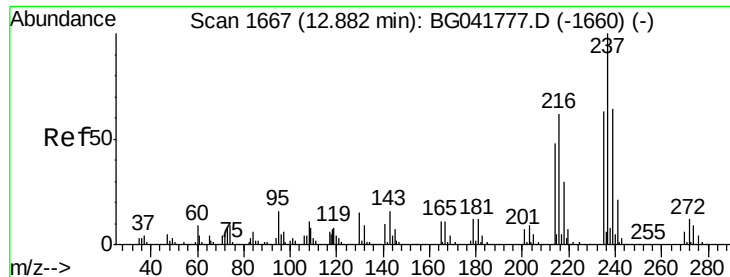
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.474 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	61.5	92.3
179	18.8	16.2	24.2
108	14.0	13.2	19.8





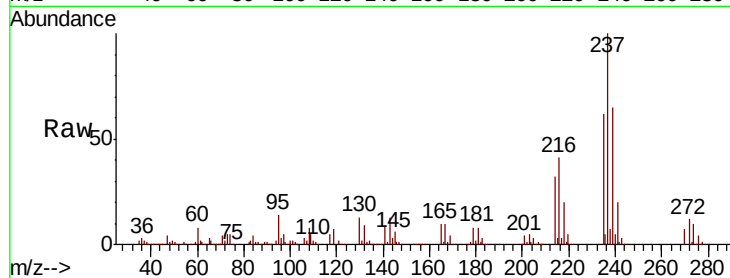
#41
Hexachlorocyclopentadiene
Concen: 95.976 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.5	83.5
272	12.2	0.0	31.2

Manual Integrations
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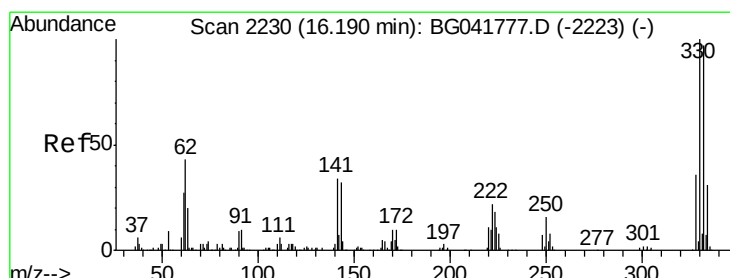
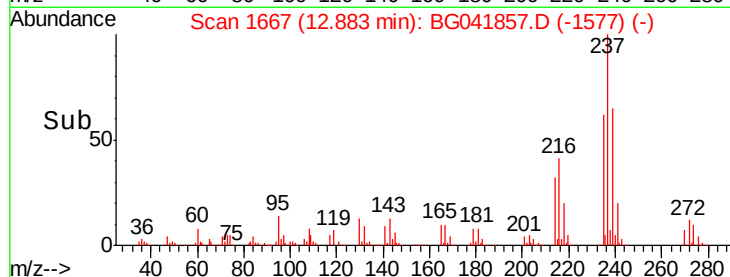
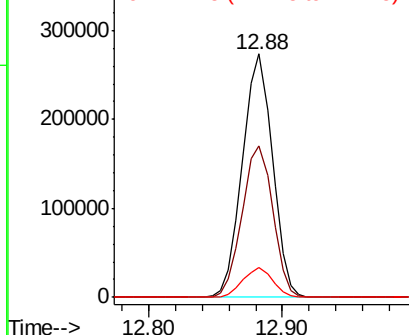


Abundance

Ion 236.80 (236.50 to 237.50): E

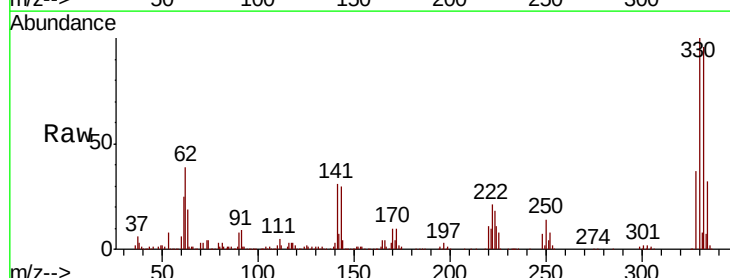
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 179.484 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.4	116.0
141	31.8	31.9	47.9#

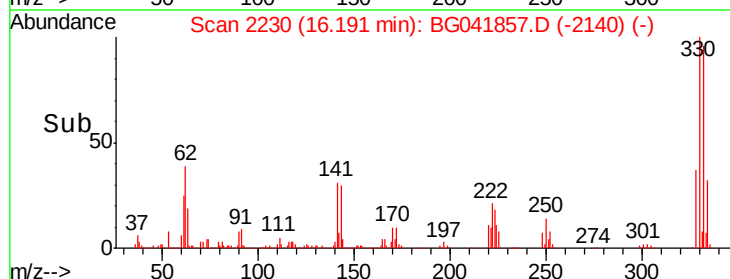
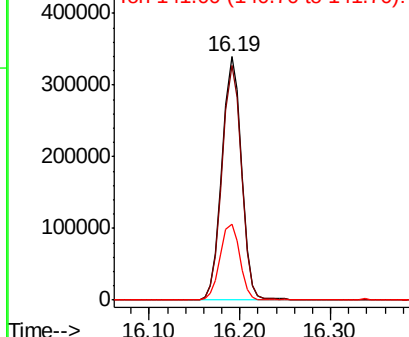


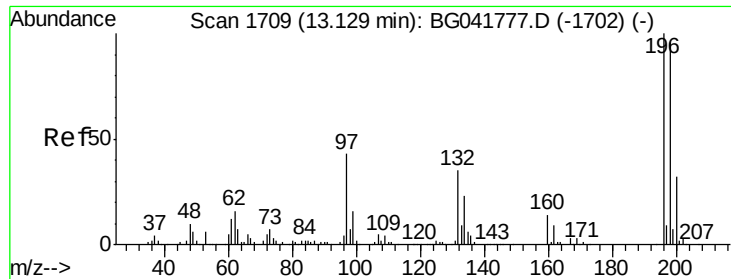
Abundance

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





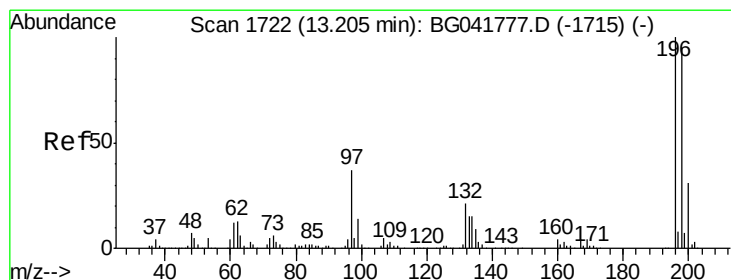
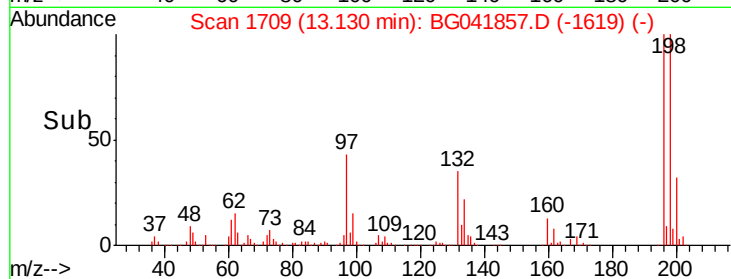
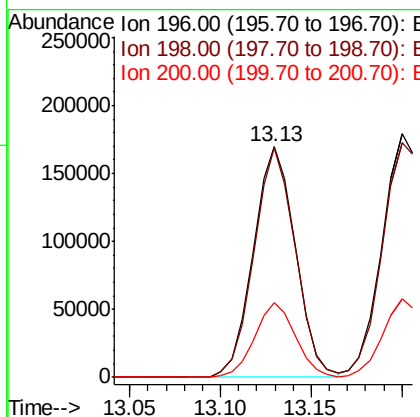
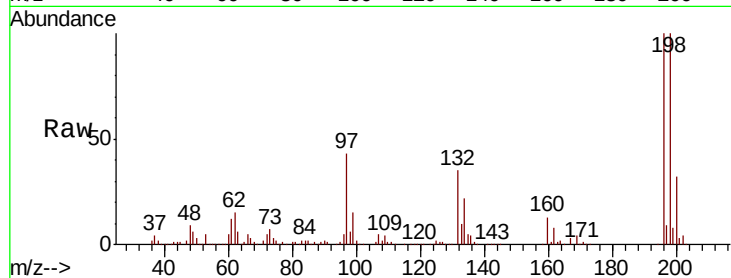
#43
 2,4,6-Trichlorophenol
 Concen: 54.815 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	273400		
198	100.0	79.6	119.4	
200	32.2	25.2	37.8	

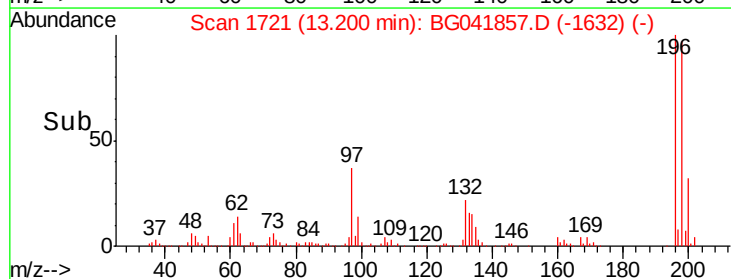
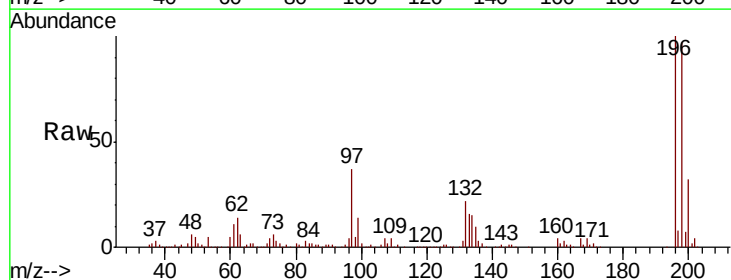
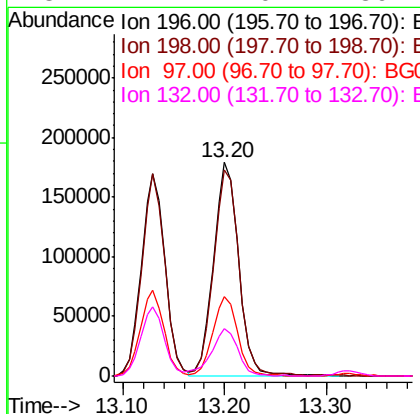
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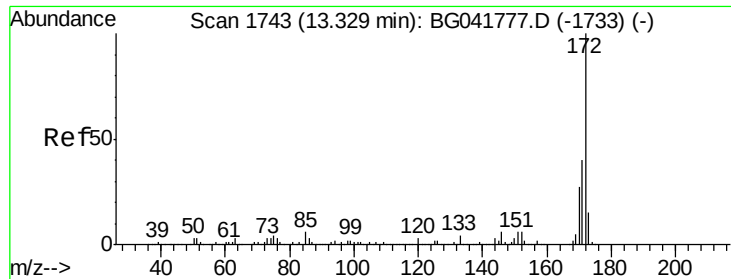
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 58.958 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305586		
198	96.5	80.6	121.0	
97	36.9	33.9	50.9	
132	22.1	20.2	30.2	





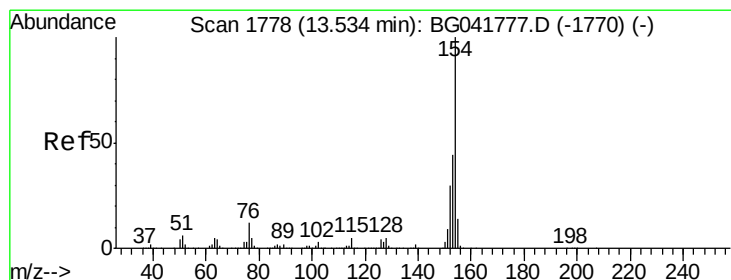
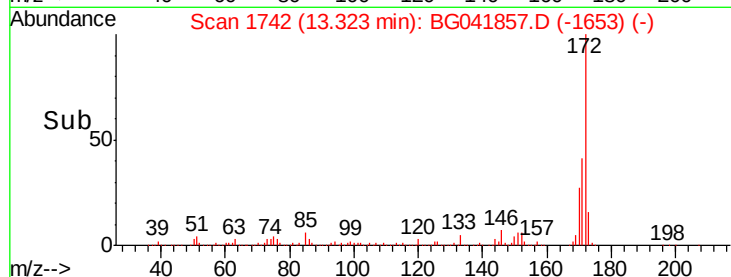
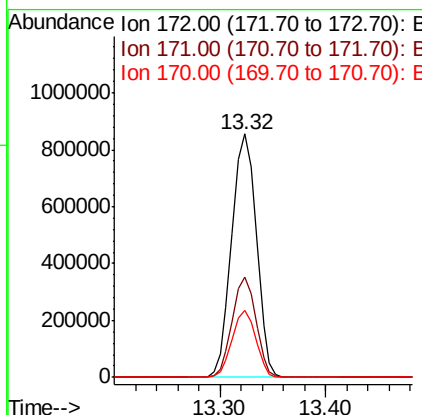
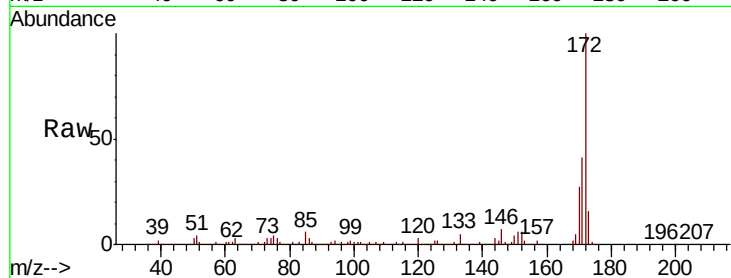
#45
2-Fluorobiphenyl
Concen: 97.913 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.4	35.0	52.4
170	27.4	23.5	35.3

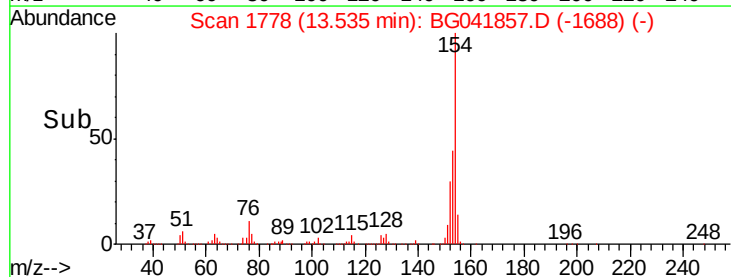
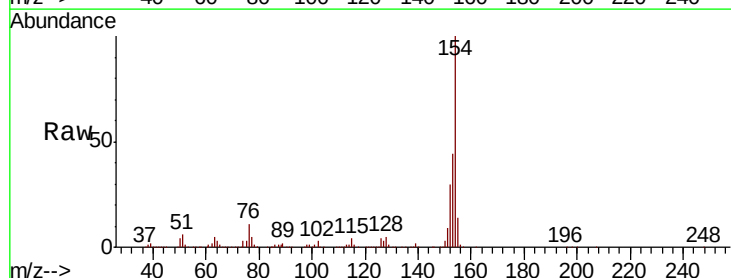
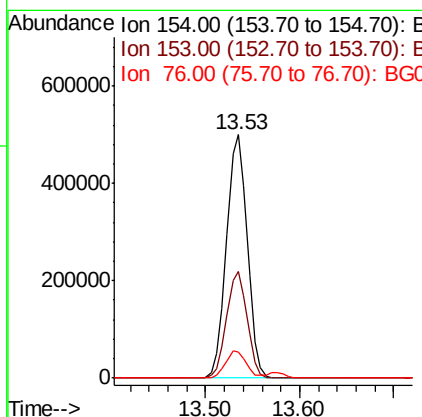
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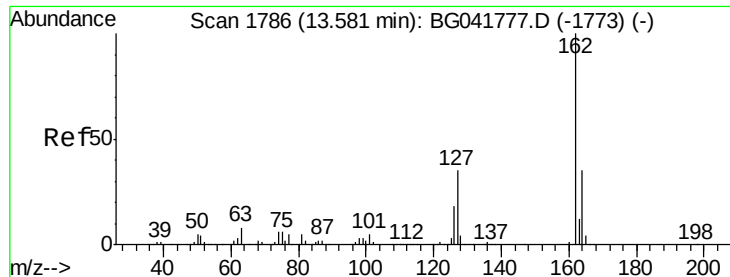
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#46
1,1'-Biphenyl
Concen: 47.878 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	25.0	65.0
76	10.6	0.0	34.5





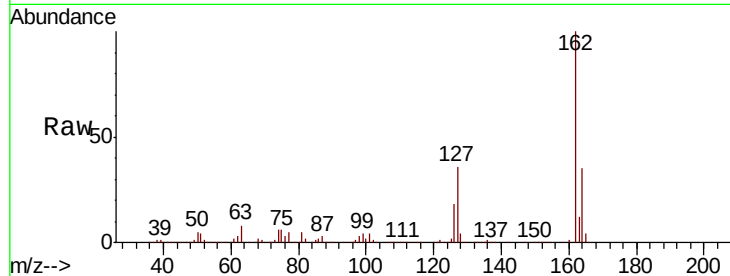
#47
2-Chloronaphthalene
Concen: 46.217 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

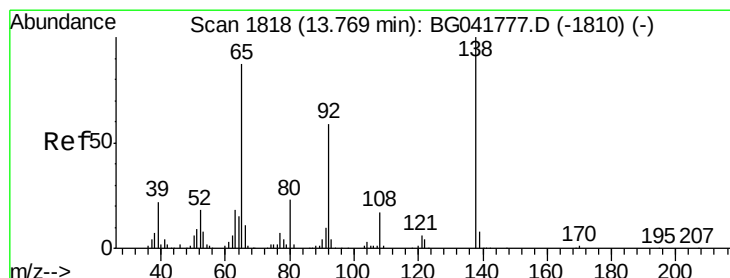
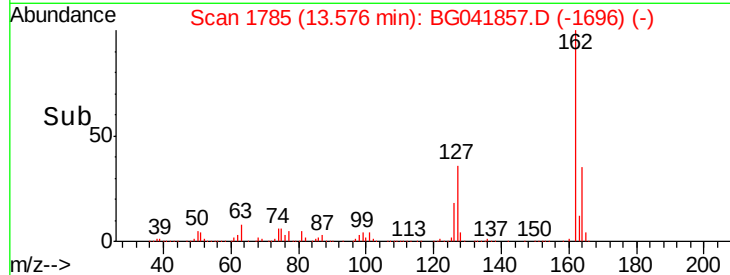
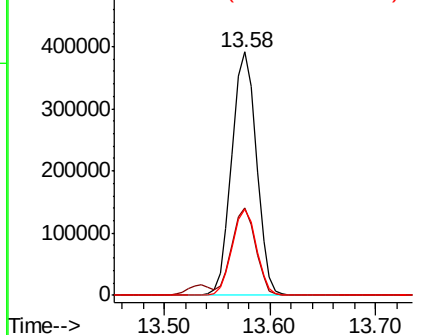
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	36.1	30.4	45.6		
164	35.4	28.6	42.8		

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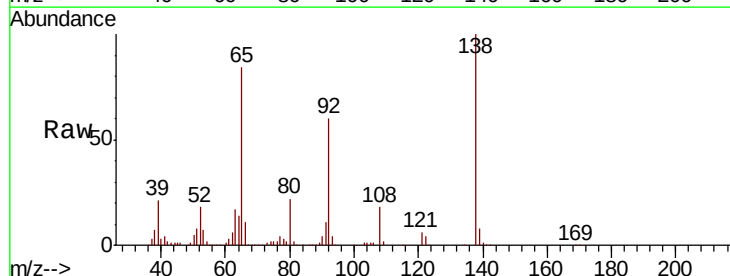


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

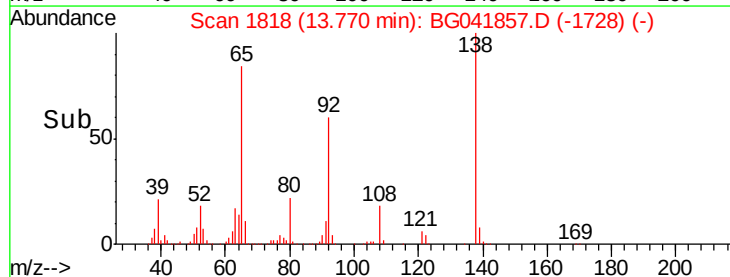
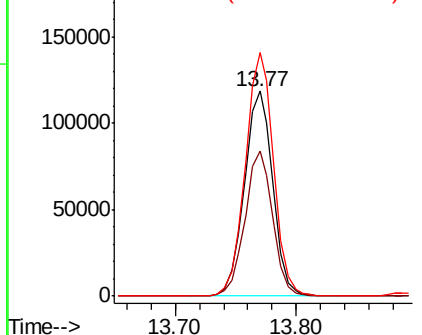


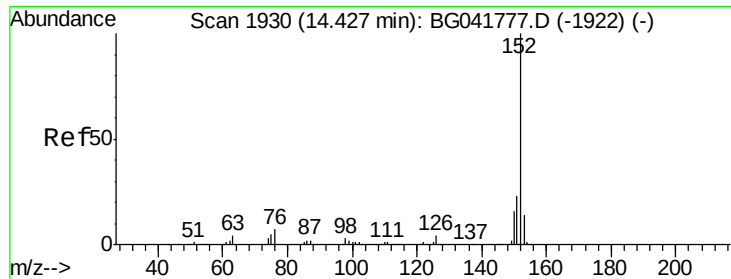
#48
2-Nitroaniline
Concen: 56.110 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.0	53.9	80.9		
138	118.8	83.5	125.3		



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





#49

Acenaphthylene

Concen: 49.584 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MS

Tot Ion:152 Resp: 1011986

Ion Ratio Lower Upper

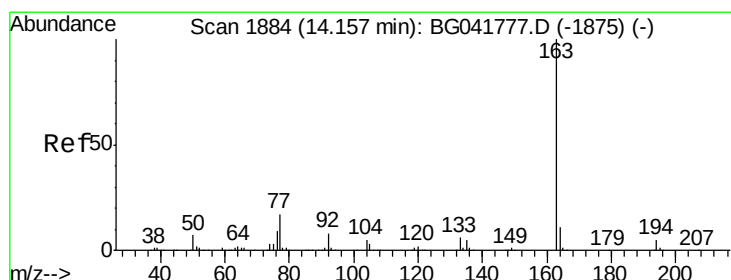
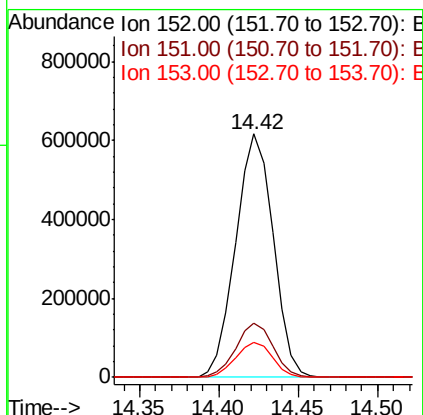
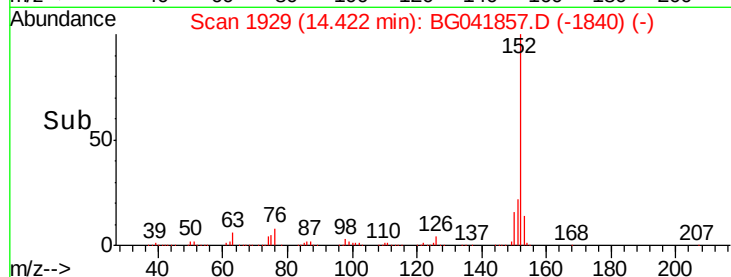
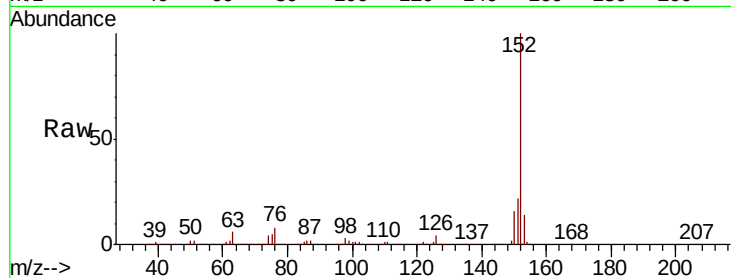
152 100

151 22.0 18.7 28.1

153 14.3 12.4 18.6

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#50

Dimethylphthalate

Concen: 51.587 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

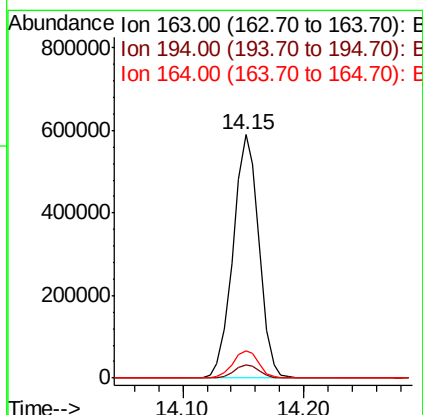
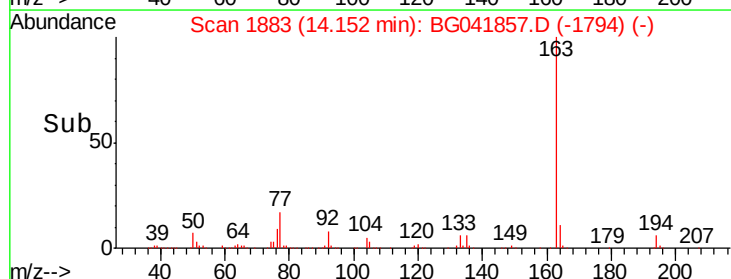
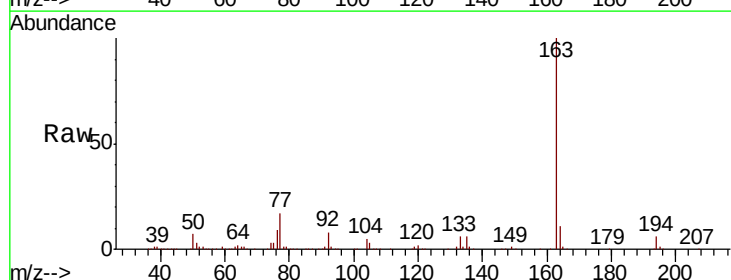
Tgt Ion:163 Resp: 878310

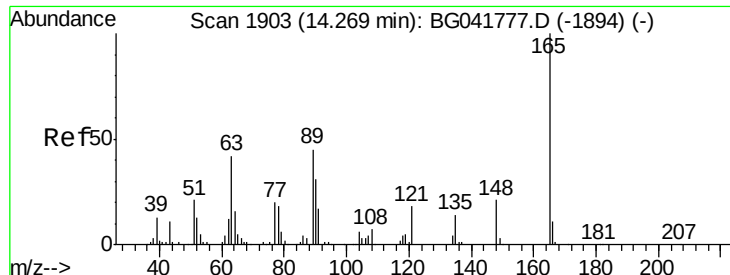
Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

164 11.4 9.4 14.2





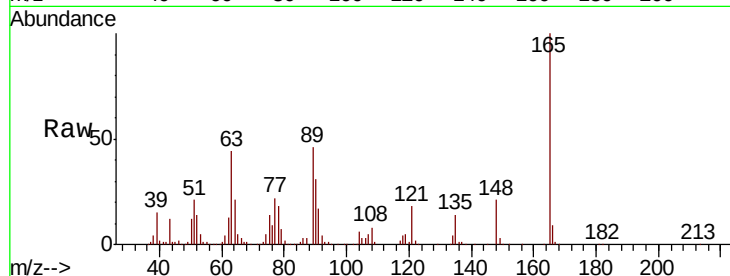
#51
2,6-Dinitrotoluene
Concen: 59.476 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

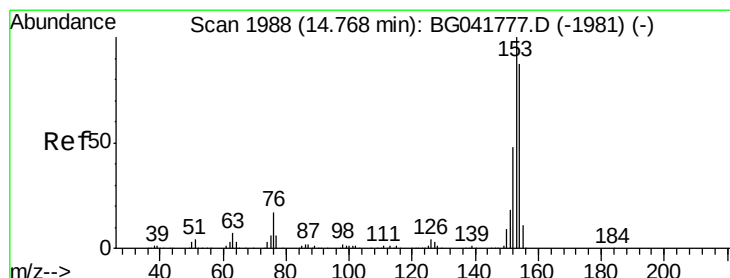
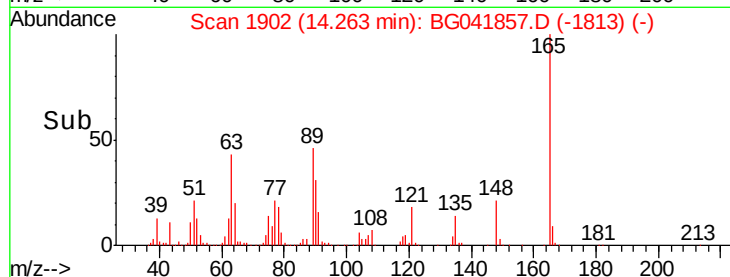
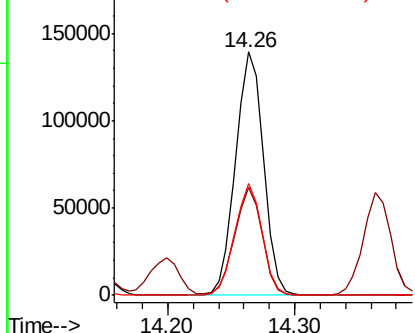
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	42.4	63.6
89	45.7	42.1	63.1

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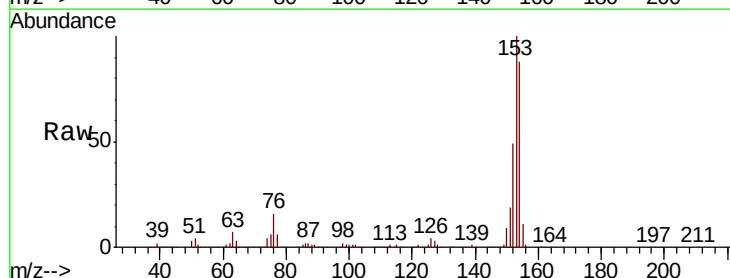


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

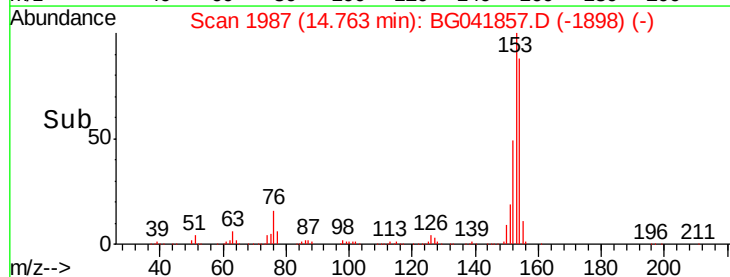
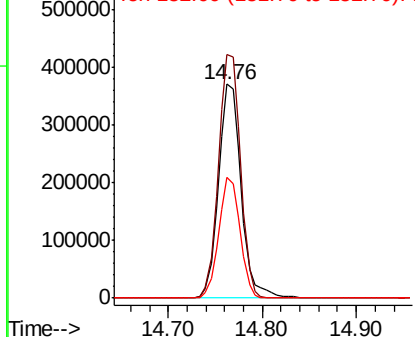


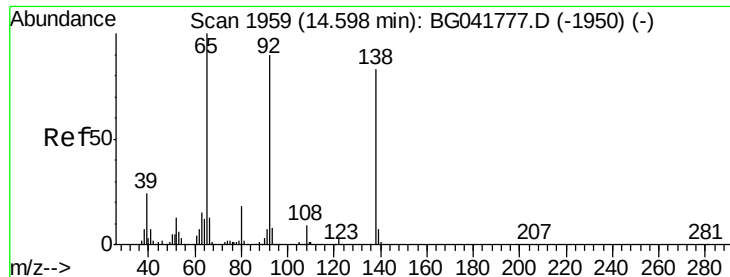
#52
Acenaphthene
Concen: 47.221 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	56.3	44.9	67.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





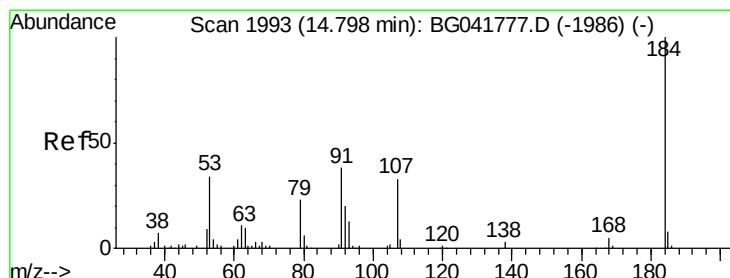
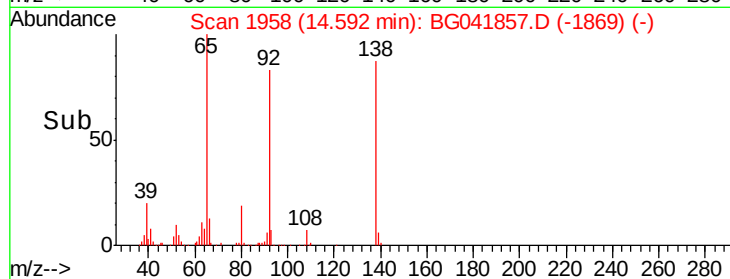
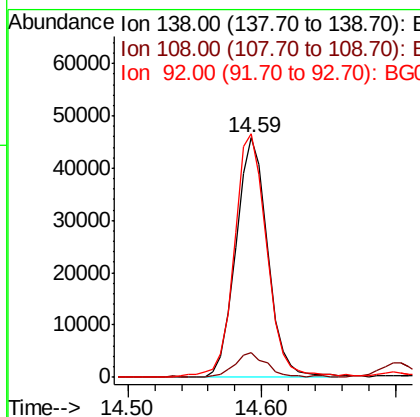
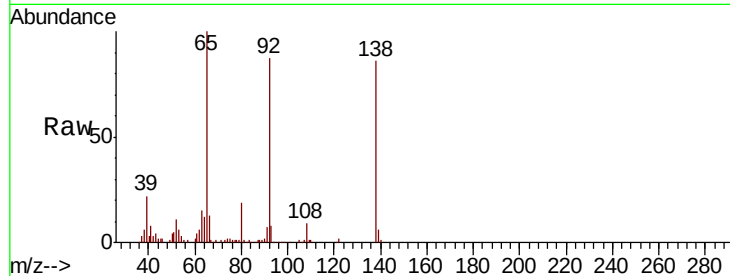
#53
3-Nitroaniline
Concen: 19.801 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	10.3	15.5#
92	101.6	93.0	139.4

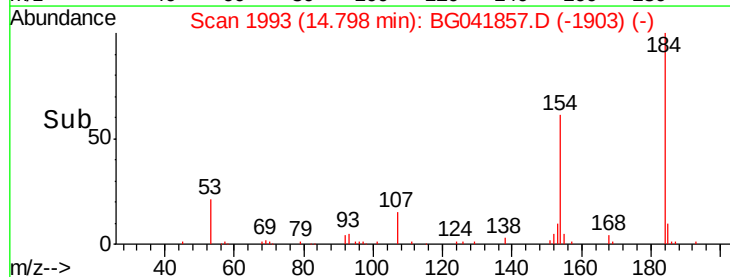
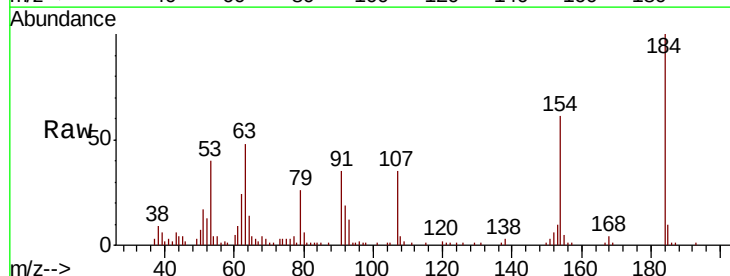
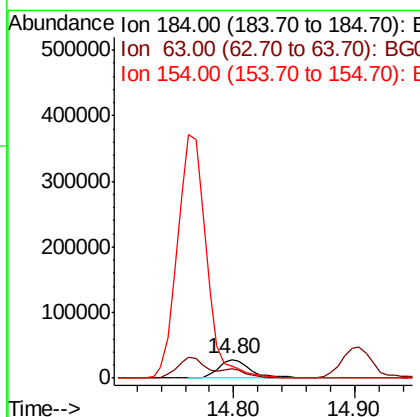
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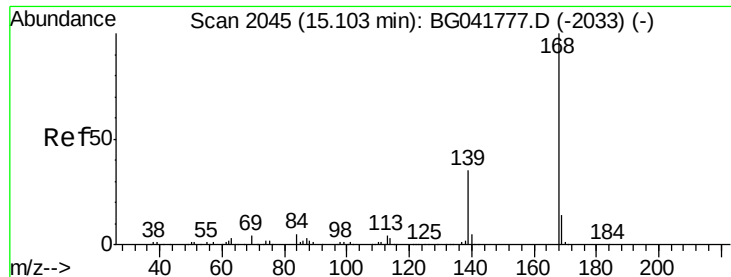
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#54
2,4-Dinitrophenol
Concen: 32.971 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.6	43.2	64.8
154	61.5	51.4	77.2





#55

Dibenzenofuran

Concen: 50.066 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MS

Tot Ion:168 Resp: 1016519

Ion Ratio Lower Upper

168 100

139 37.0 31.9 47.9

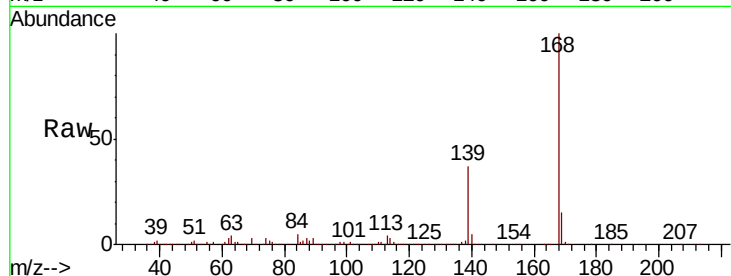
169 14.5 12.5 18.7

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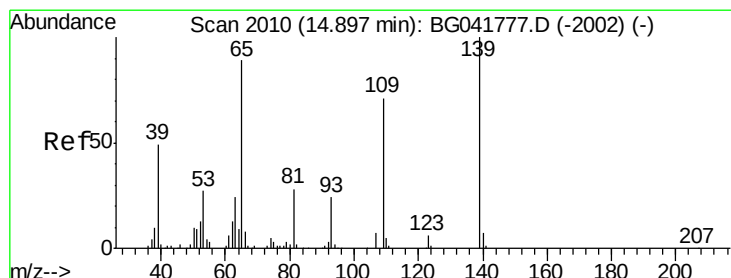
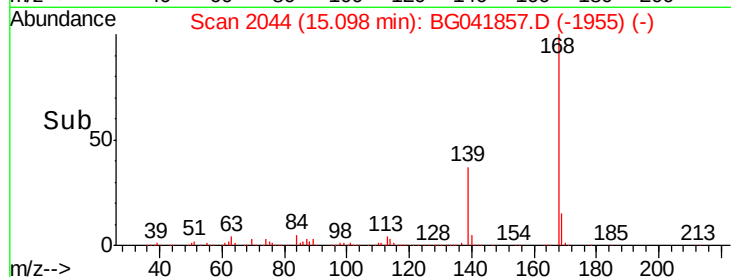
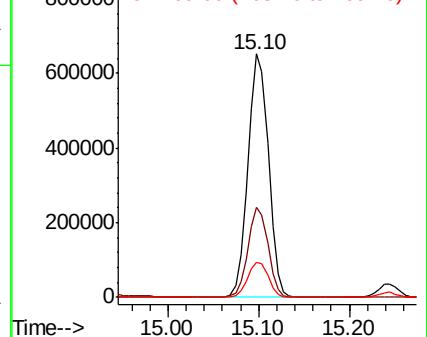


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 115.056 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

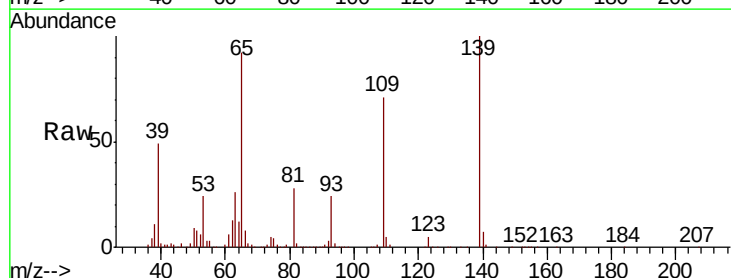
Tgt Ion:139 Resp: 332638

Ion Ratio Lower Upper

139 100

109 71.3 51.3 91.3

65 91.6 77.6 117.6

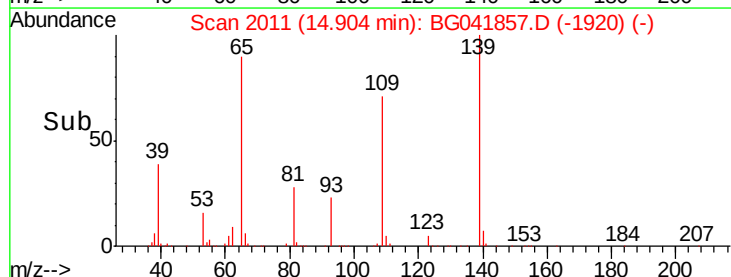
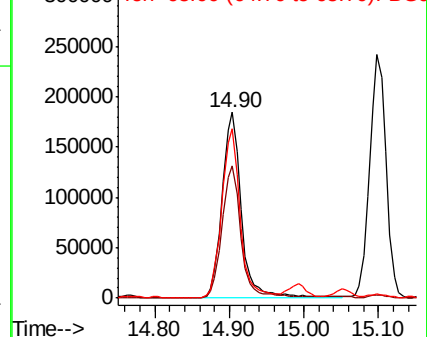


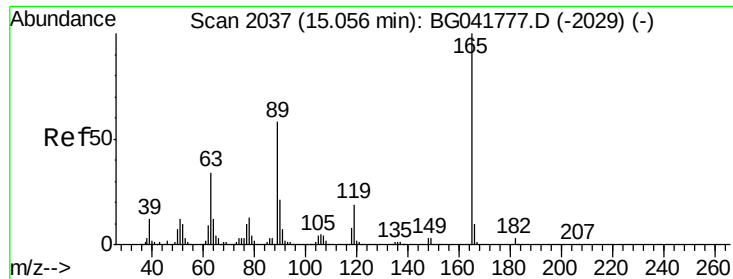
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





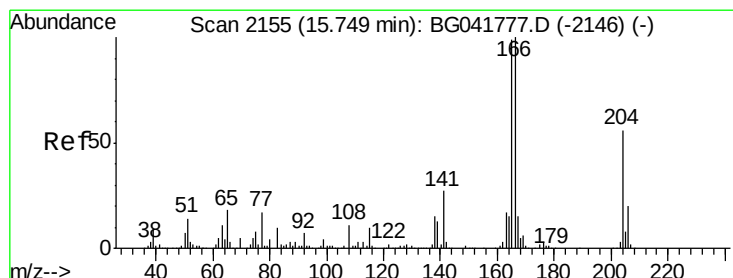
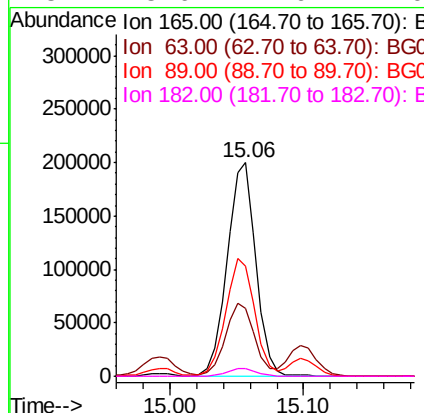
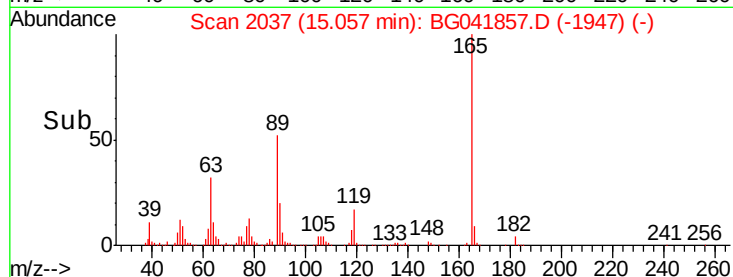
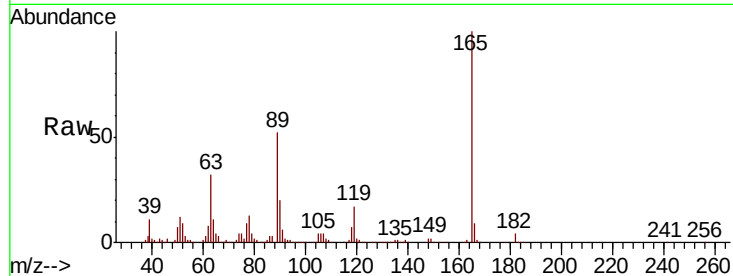
#57
 2,4-Dinitrotoluene
 Concen: 61.011 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		298707		
63	32.0	31.7	47.5		
89	51.6	50.2	75.4		
182	3.6	2.6	4.0		

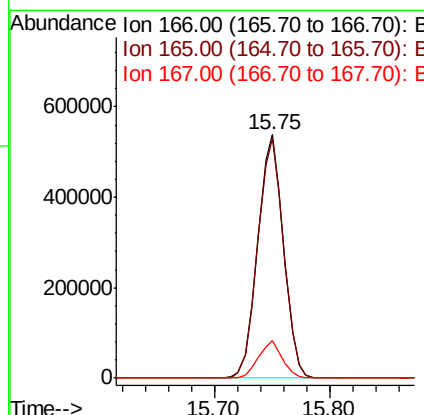
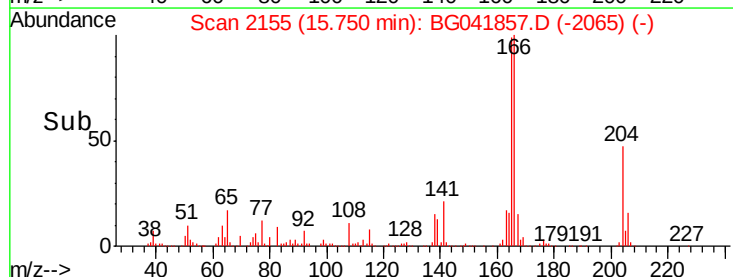
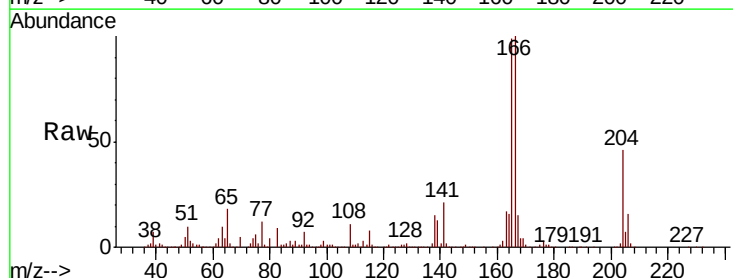
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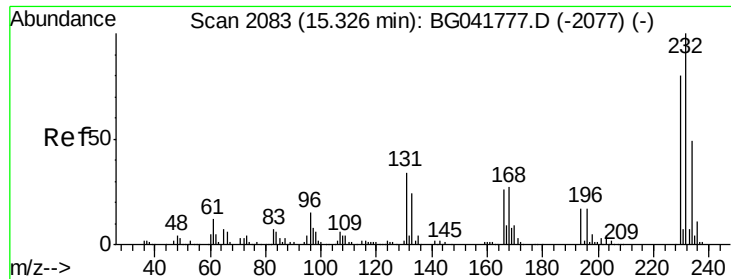
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#58
 Fluorene
 Concen: 51.293 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		835749		
165	98.5	80.5	120.7		
167	15.2	12.4	18.6		





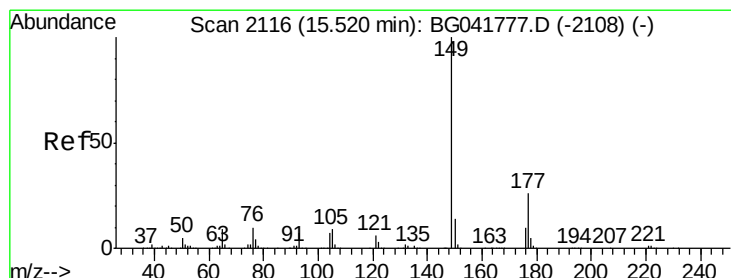
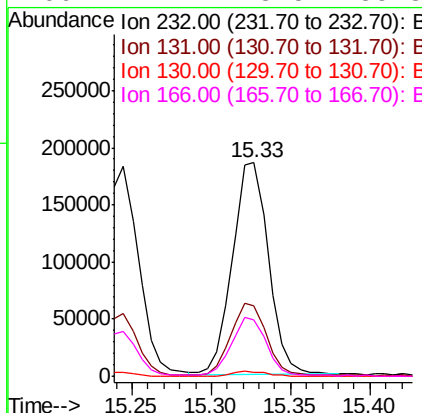
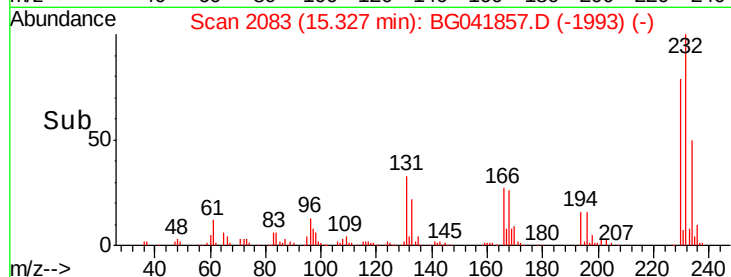
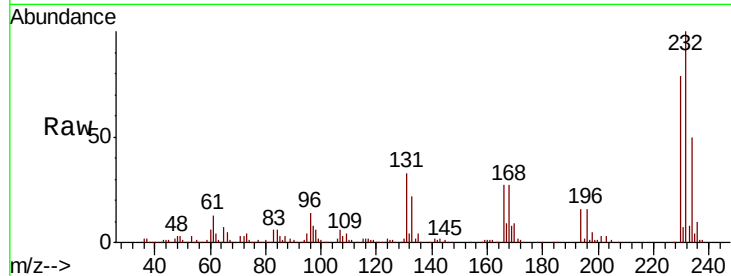
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.977 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		292486		
131	34.3	31.8	47.6		
130	2.3	1.8	2.8		
166	27.4	23.5	35.3		

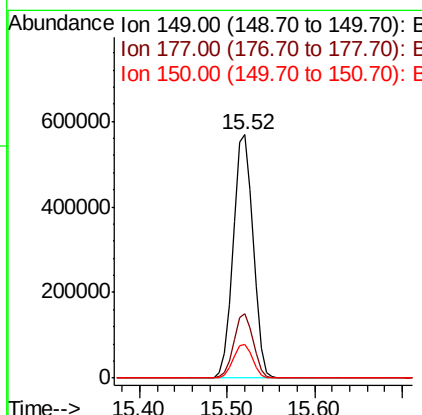
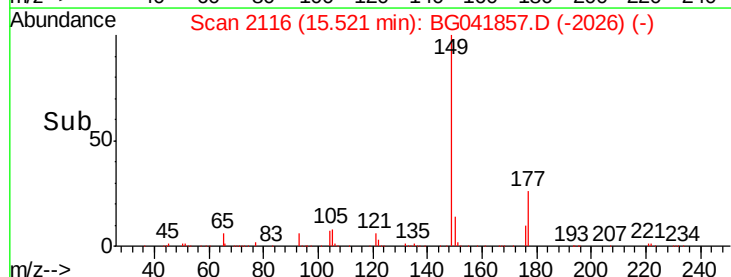
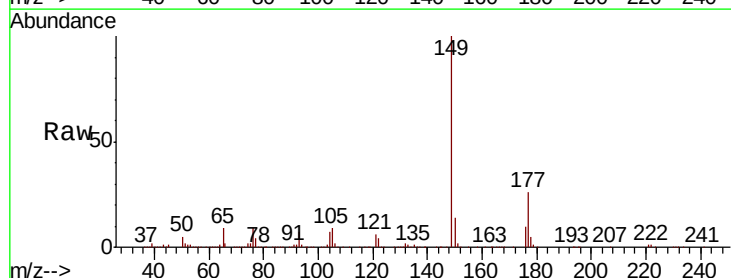
Manual Integrations
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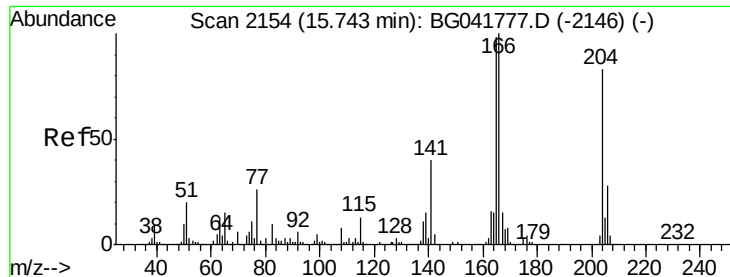
mohammad
 8/5/2019 1:47:20 PM



#60
 Diethylphthalate
 Concen: 52.174 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		872112		
177	26.3	20.7	31.1		
150	13.9	11.5	17.3		





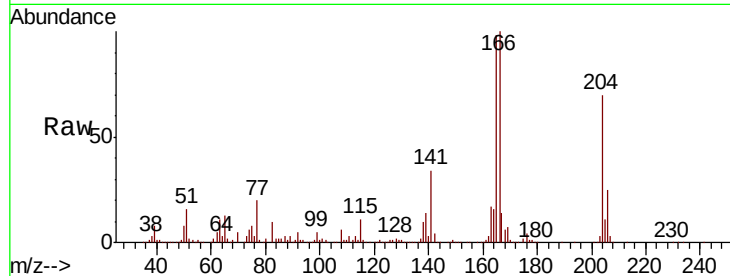
#61
4-Chlorophenyl-phenylether
Concen: 50.241 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	499755		
206	35.2	28.6	42.8	
141	48.8	42.9	64.3	

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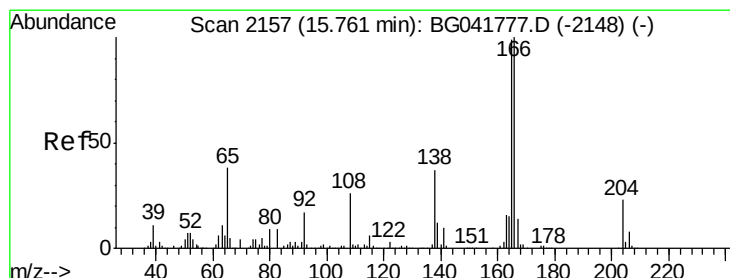
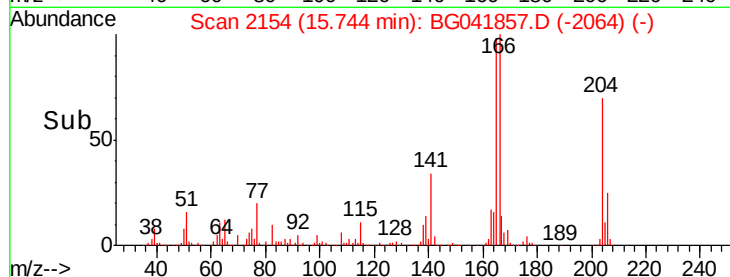
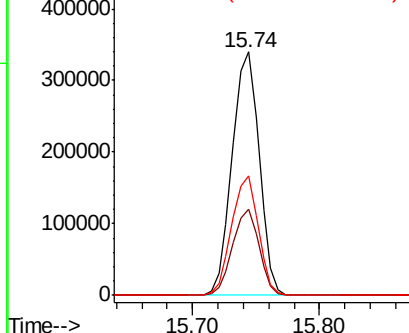


Abundance

Ion 204.00 (203.70 to 204.70): E

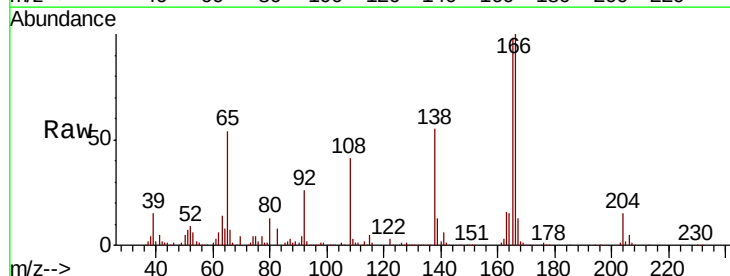
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 54.882 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	226409		
92	46.8	29.8	69.8	
108	73.9	52.2	92.2	

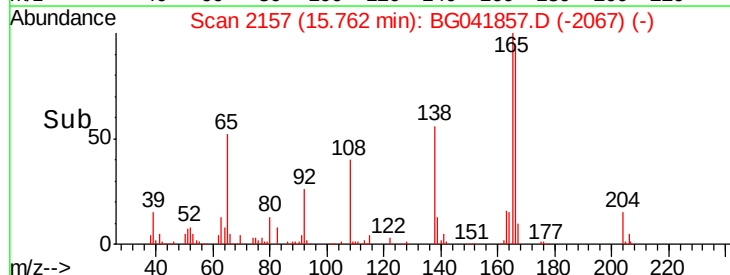
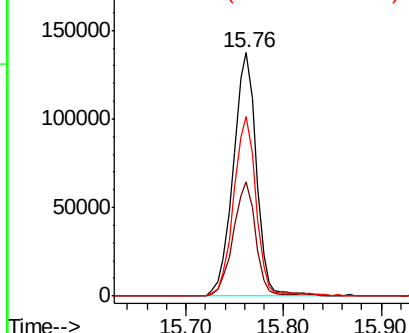


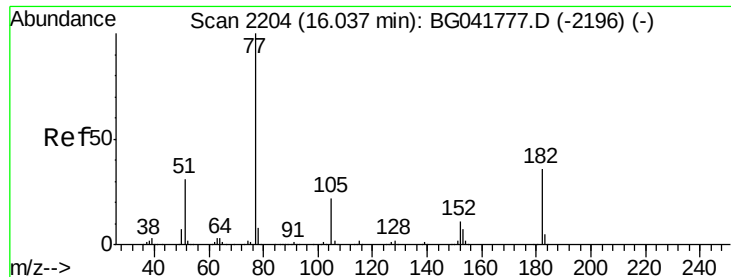
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





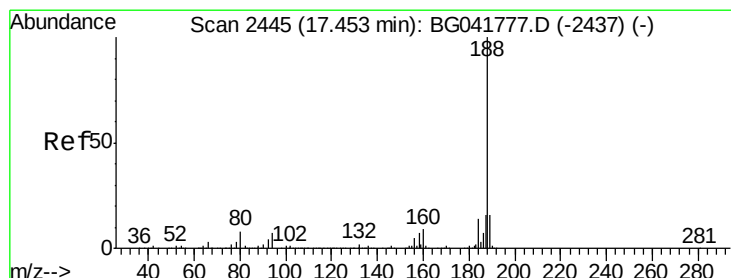
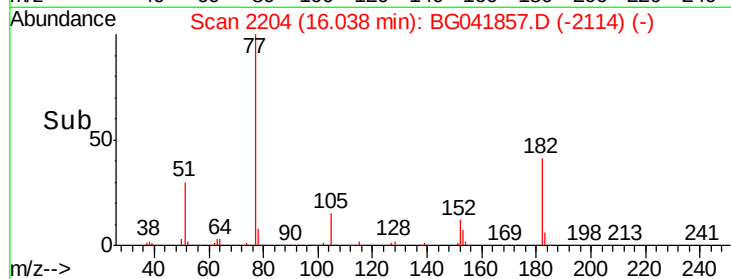
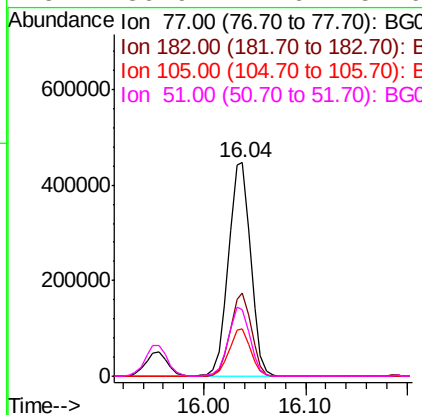
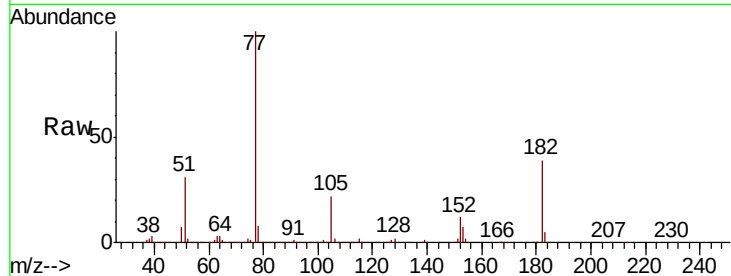
#63
Azobenzene
Concen: 49.519 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	39.0	13.2	53.2	
105	22.1	2.2	42.2	
51	30.9	14.6	54.6	

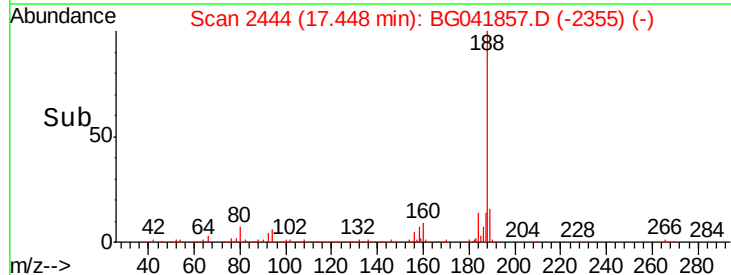
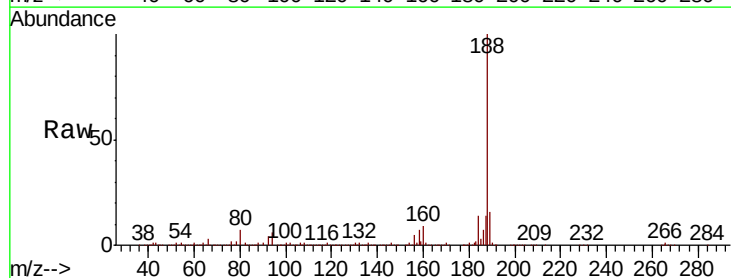
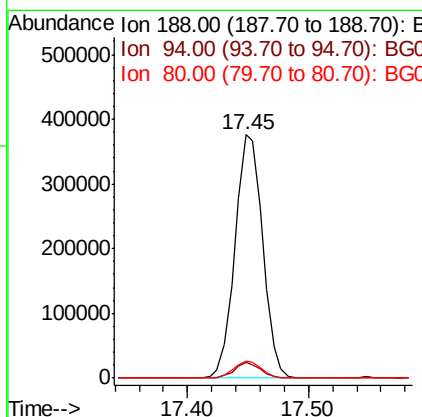
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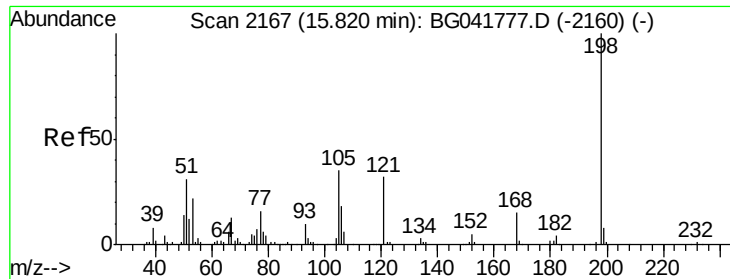
mohammad
8/5/2019 1:47:20 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.4	6.9	10.3#	
80	7.2	8.0	12.0#	





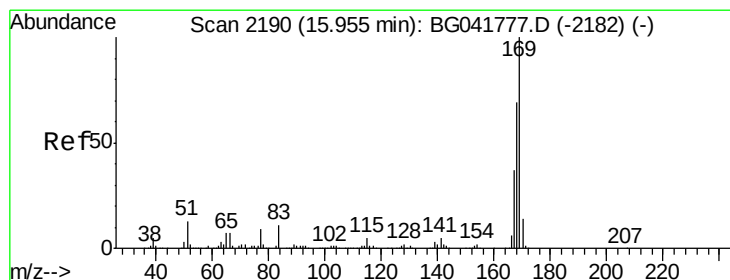
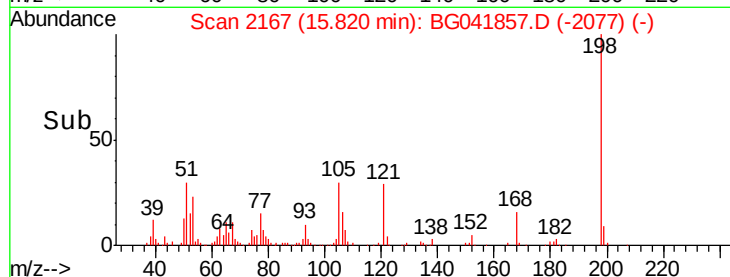
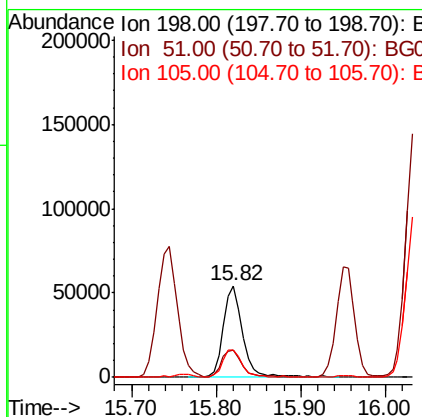
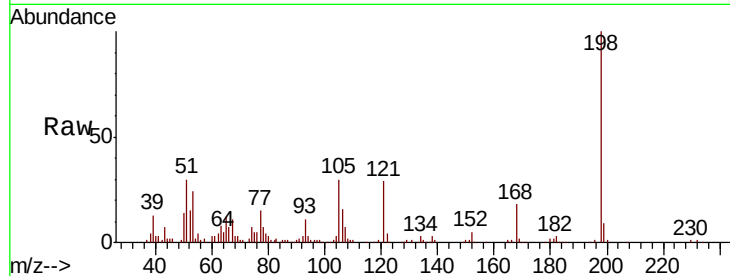
#65
4,6-Dinitro-2-methylphenol
Concen: 31.890 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.5	22.3	62.3
105	30.1	18.0	58.0

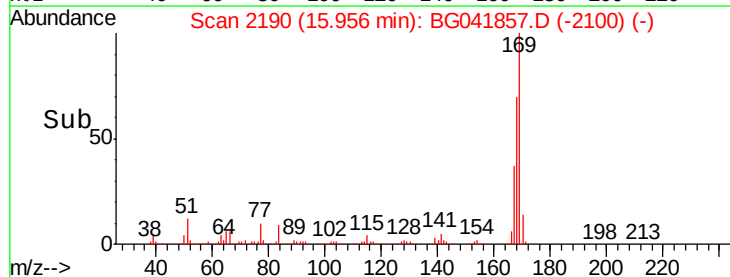
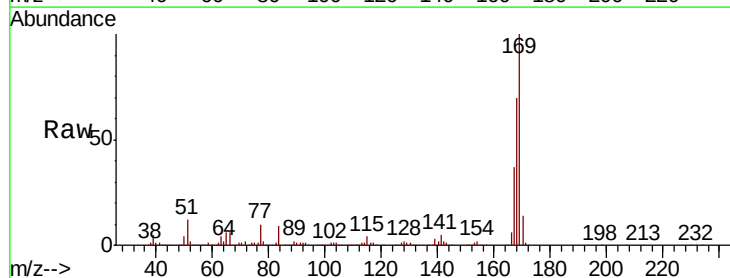
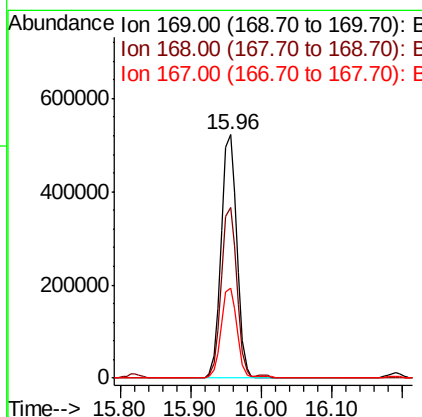
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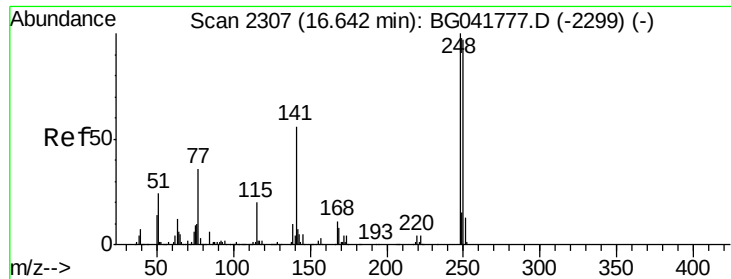
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 49.257 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.2	56.9	85.3
167	37.2	31.5	47.3





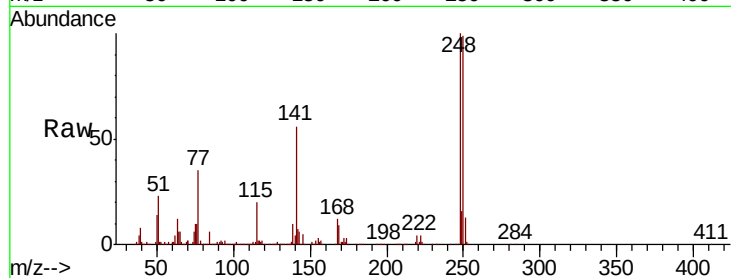
#67
4-Bromophenyl-phenylether
Concen: 47.622 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.1	117.1
141	56.3	49.6	74.4

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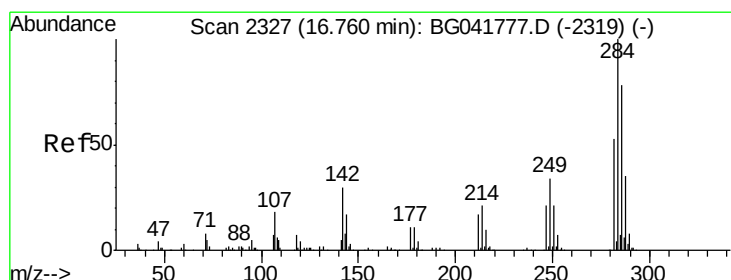
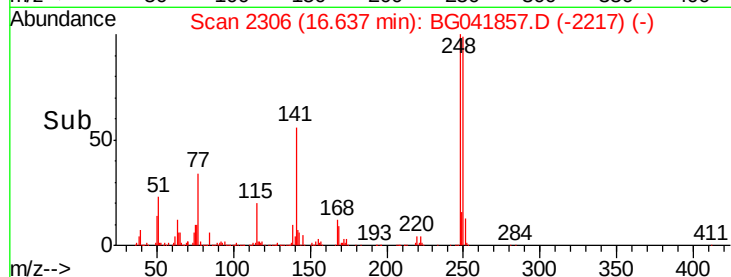
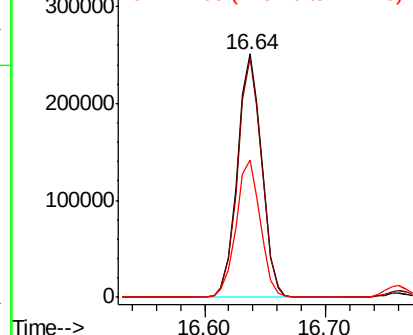


Abundance

Ion 248.00 (247.70 to 248.70): E

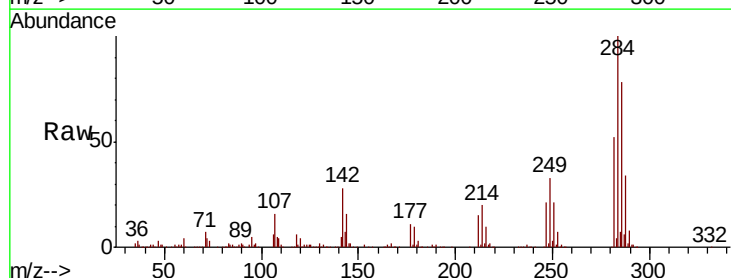
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.837 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	27.0	40.6
249	33.1	28.4	42.6

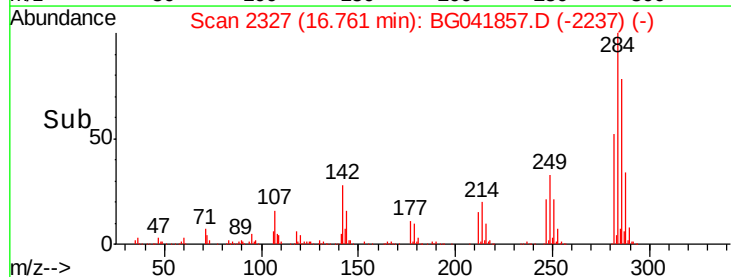
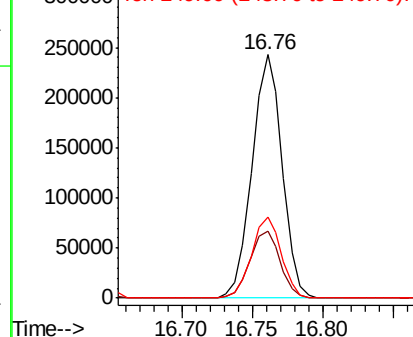


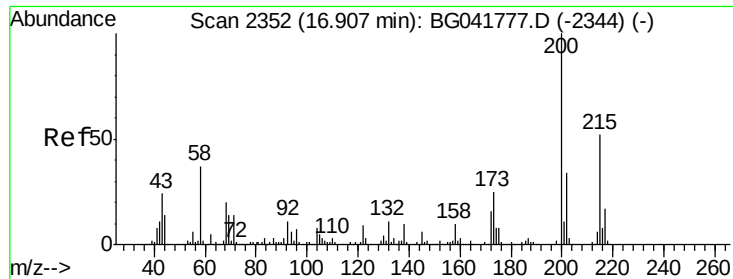
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





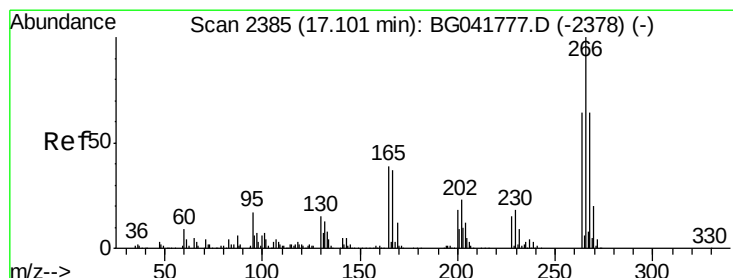
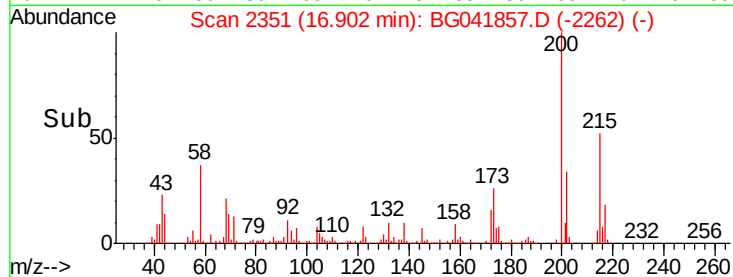
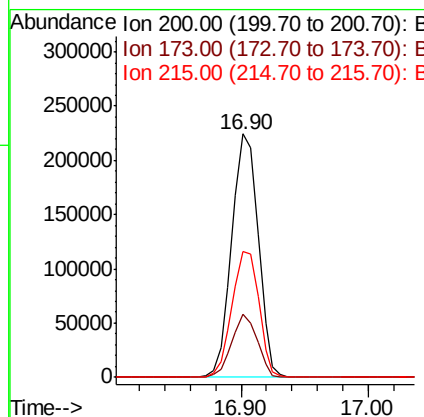
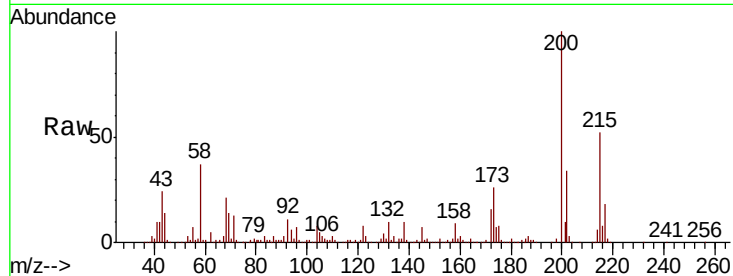
#69
 Atrazine
 Concen: 50.475 ng
 RT: 16.90 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

Tot Ion:	200	Resp:	324617
Ion Ratio	Lower	Upper	
200	100		
173	26.0	5.3	45.3
215	52.0	31.8	71.8

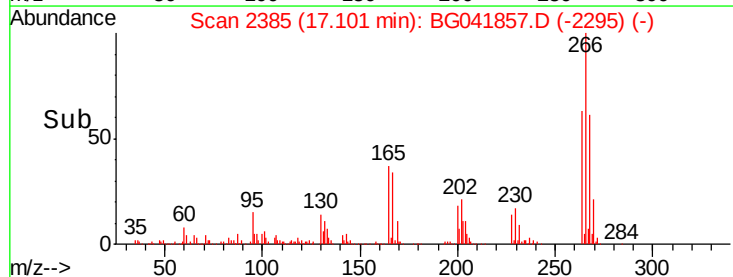
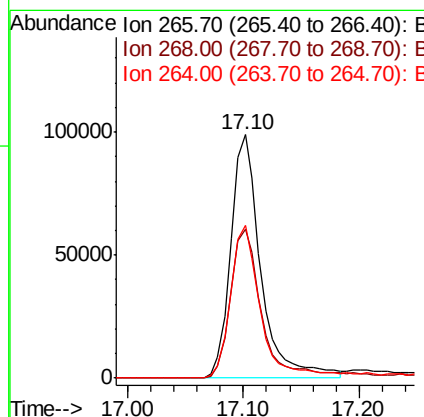
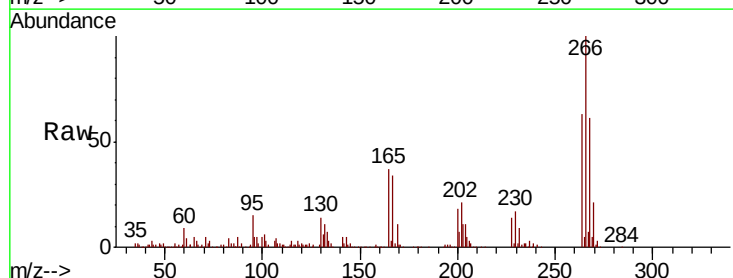
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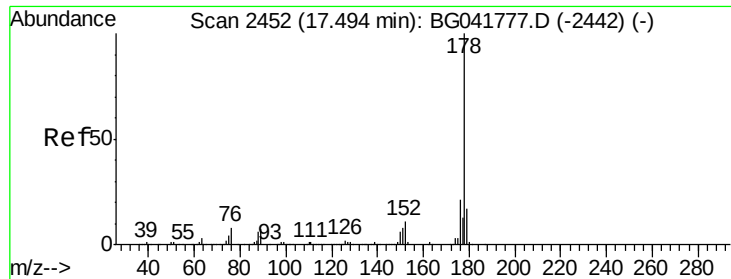
mohammad
 8/5/2019 1:47:20 PM



#70
 Pentachlorophenol
 Concen: 40.551 ng
 RT: 17.10 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion:	266	Resp:	178390
Ion Ratio	Lower	Upper	
266	100		
268	65.9	52.9	79.3
264	62.5	51.4	77.2





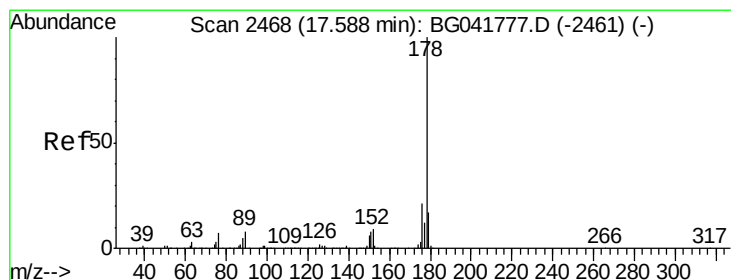
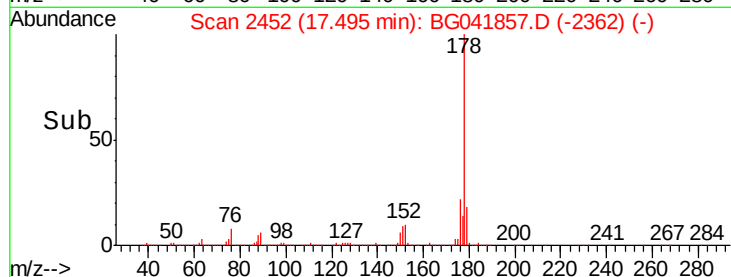
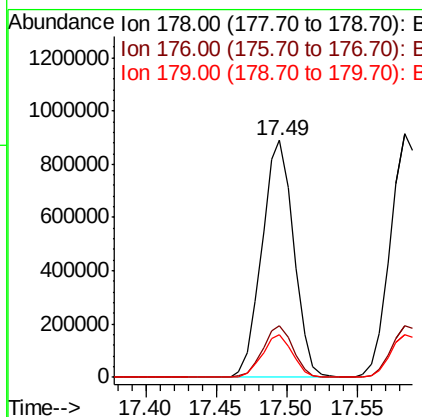
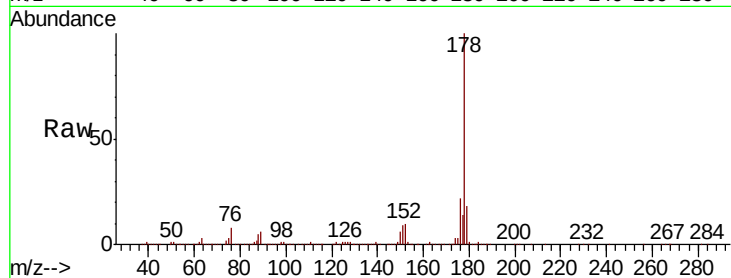
#71
Phenanthrene
Concen: 48.852 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.6	28.0
179	17.8	15.4	23.0

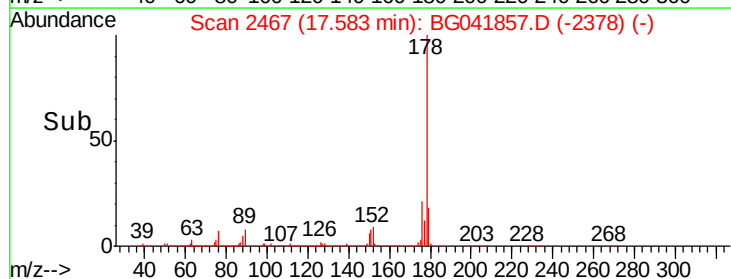
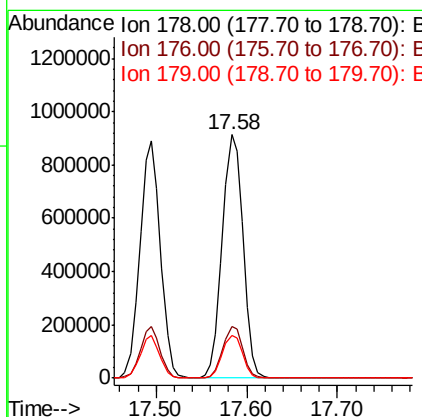
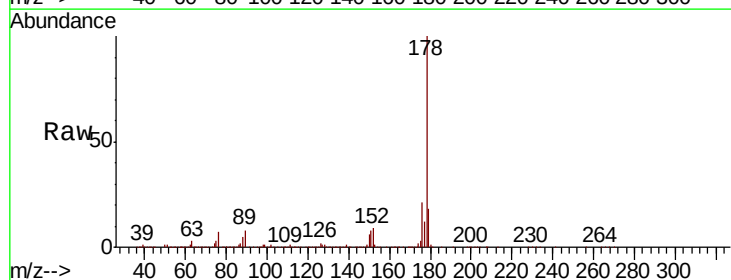
Manual Integrations
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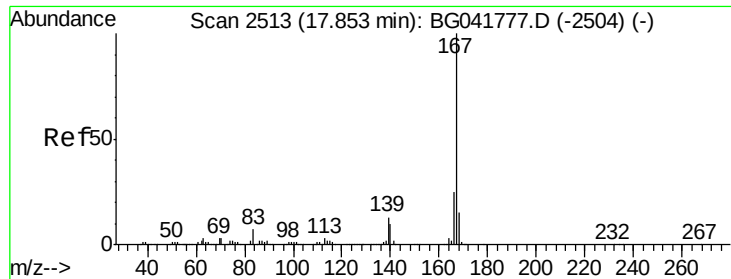
mohammad
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#72
Anthracene
Concen: 50.643 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	18.6	28.0
179	17.7	15.1	22.7





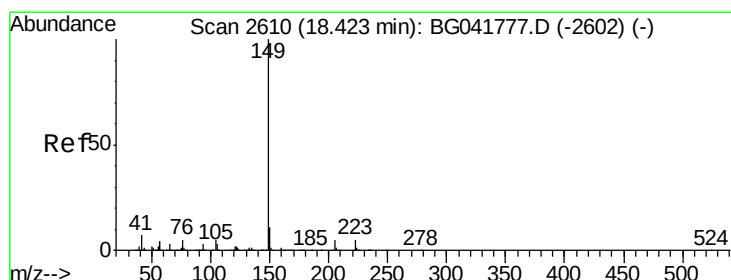
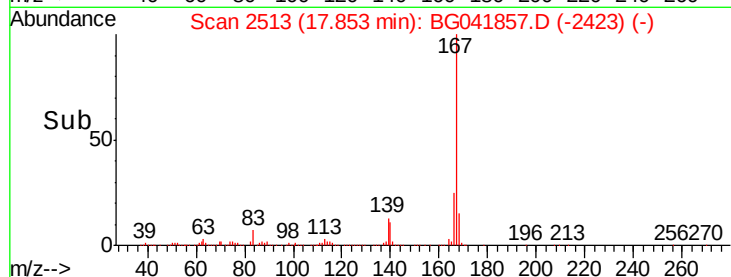
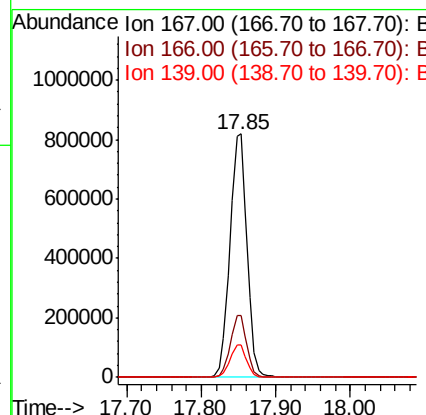
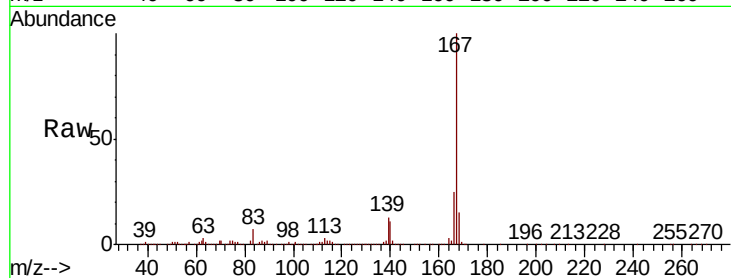
#73
 Carbazole
 Concen: 50.785 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	25.4	21.4	32.2	
139	13.2	12.1	18.1	

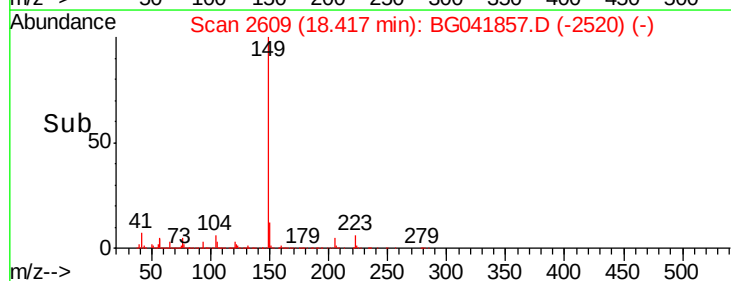
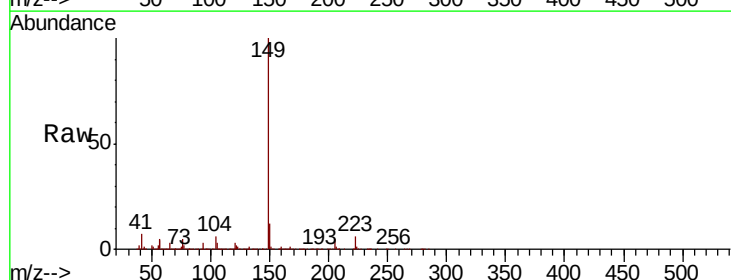
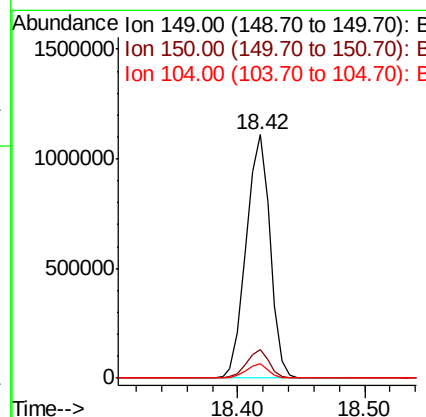
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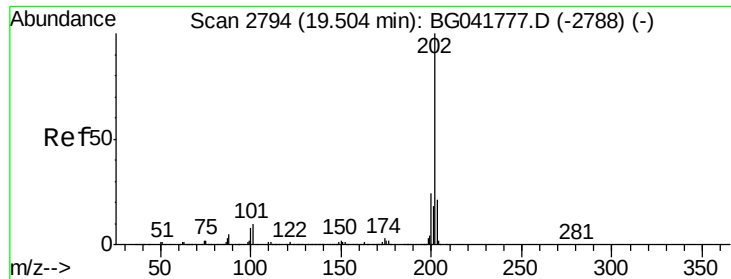
mohammad
 8/5/2019 1:47:20 PM



#74
 Di-n-butylphthalate
 Concen: 49.561 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.9	10.2	15.2	
104	5.8	5.3	7.9	





#75

Fluoranthene

Concen: 49.697 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

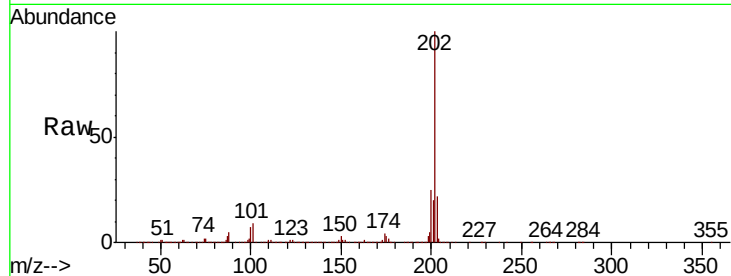
ClientSampleId :

OK-01-072919MS

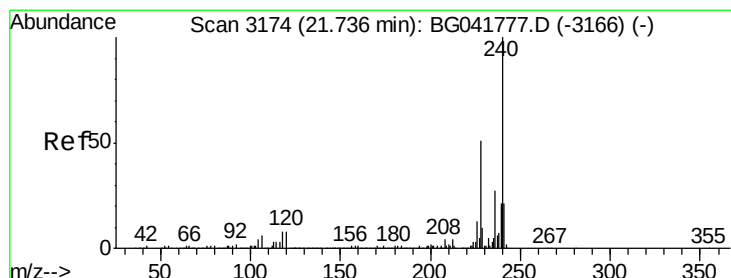
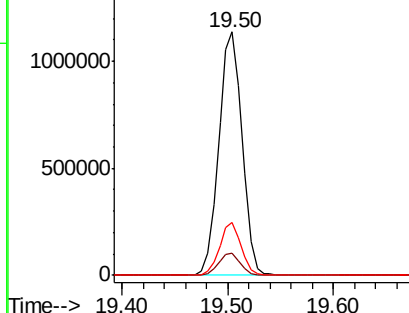
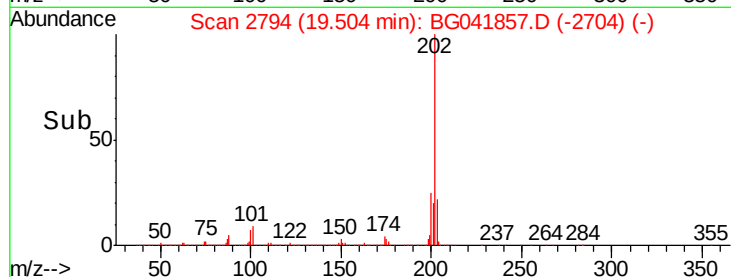
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	32.8
203	21.8	3.7	43.7

Manual Integrations
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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

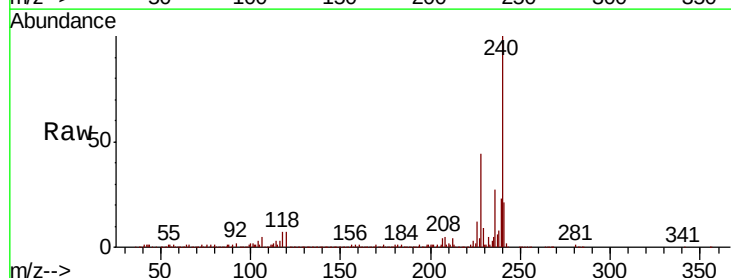
RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

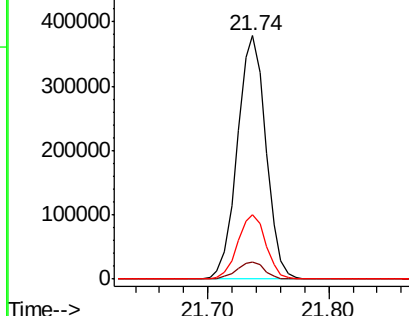
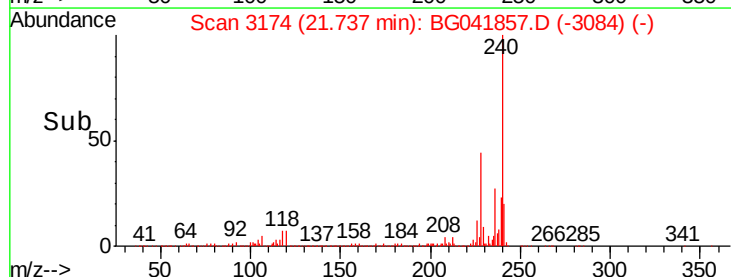
Lab File: BG041857.D

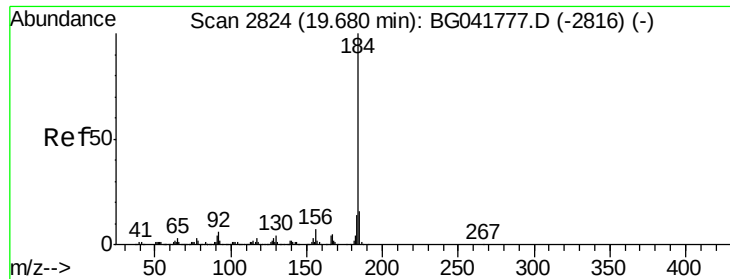
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.0	12.0#
236	26.6	22.6	33.8



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: 14.441 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

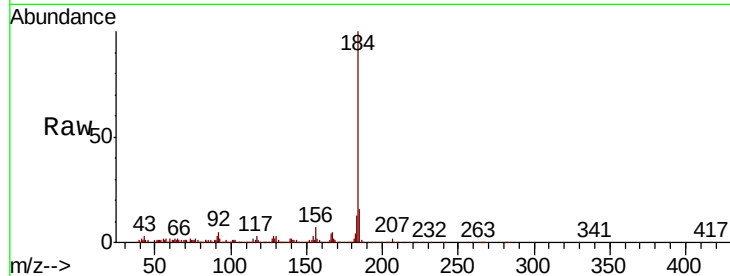
ClientSampleId :

OK-01-072919MS

Tot Ion:	184	Resp:	294652
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.0	19.4
183	13.1	11.8	17.6

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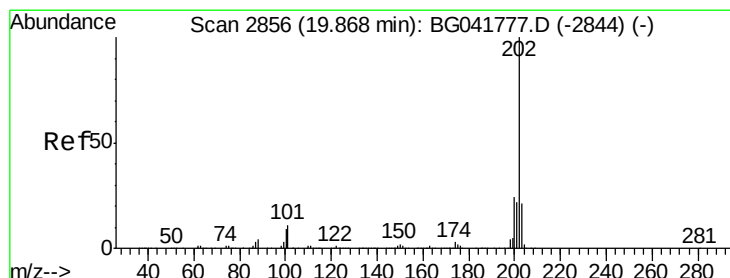
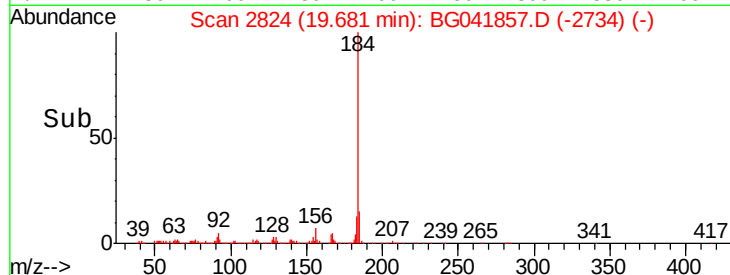
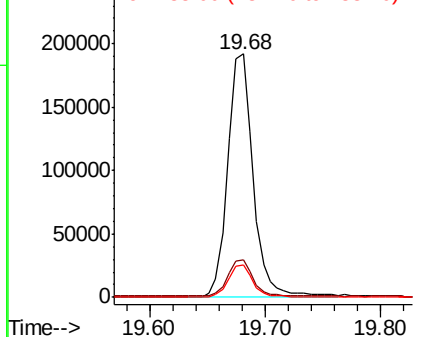


Abundance

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: 47.670 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

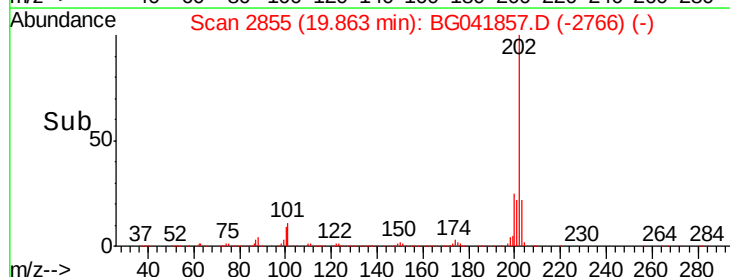
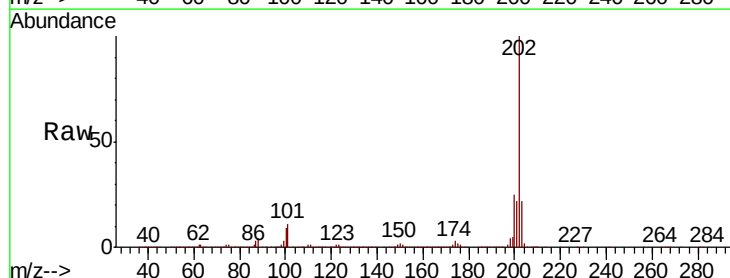
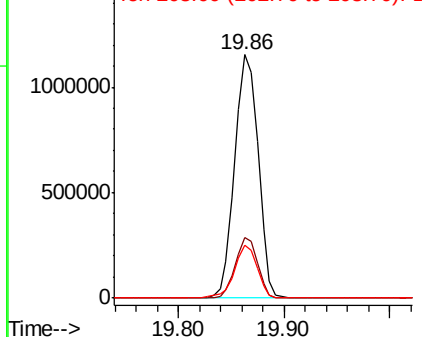
Tgt Ion:	202	Resp:	1765577
Ion Ratio	Lower	Upper	
202	100		
200	25.1	22.2	33.2
203	21.6	18.9	28.3

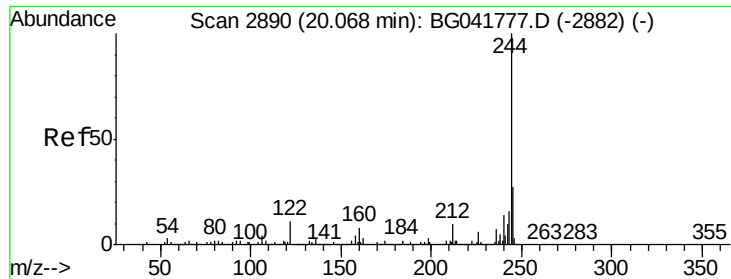
Abundance

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: 89.059 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MS

Tot Ion:244 Resp: 2432993

Ion Ratio Lower Upper

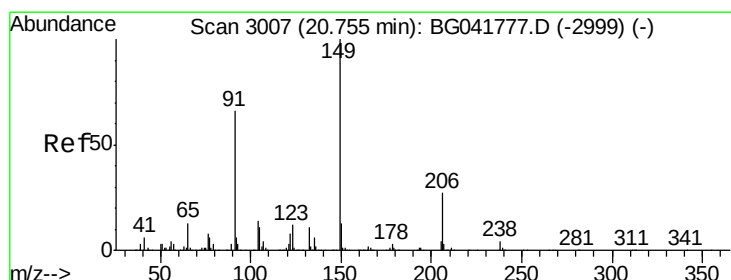
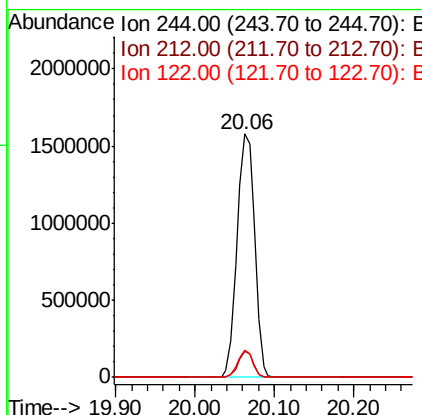
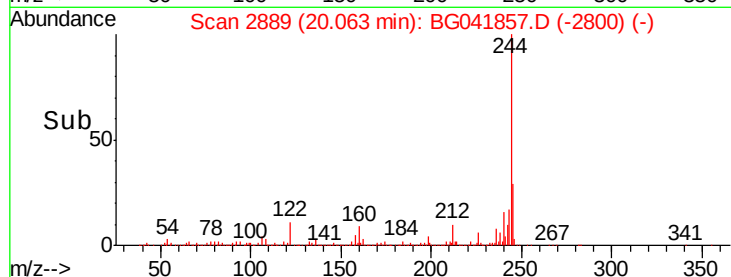
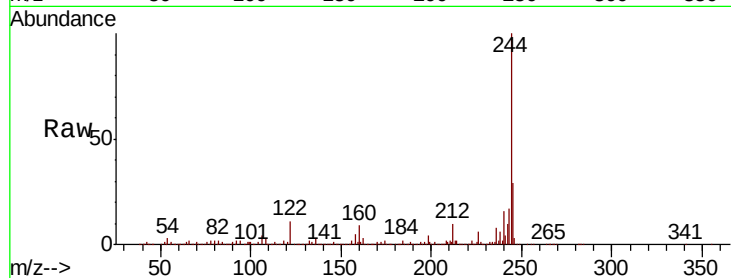
244 100

212 10.5 9.7 14.5

122 11.3 12.5 18.7#

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#80

Butylbenzylphthalate

Concen: 50.136 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

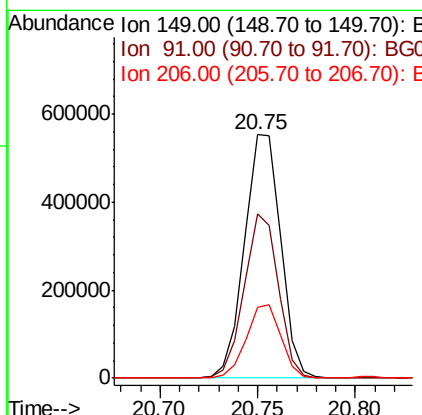
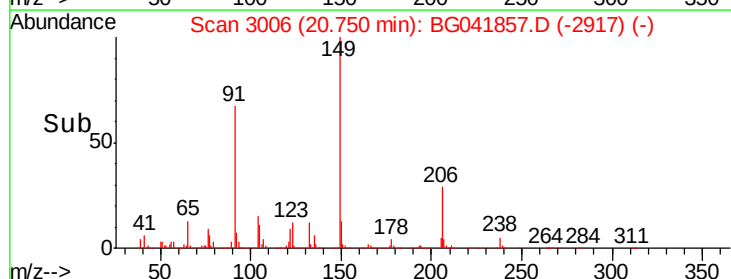
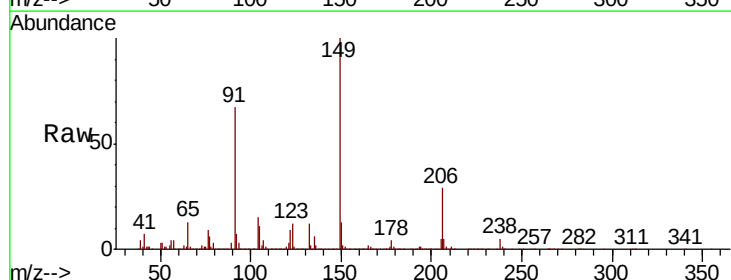
Tgt Ion:149 Resp: 711945

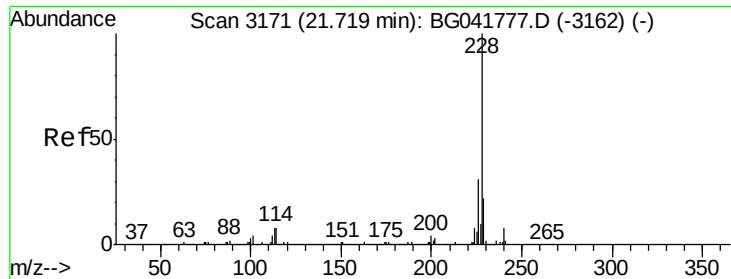
Ion Ratio Lower Upper

149 100

91 67.2 58.9 88.3

206 28.8 20.8 31.2





#81

Benzo(a)anthracene

Concen: 47.906 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MS

Tot Ion:228 Resp: 1771830

Ion Ratio Lower Upper

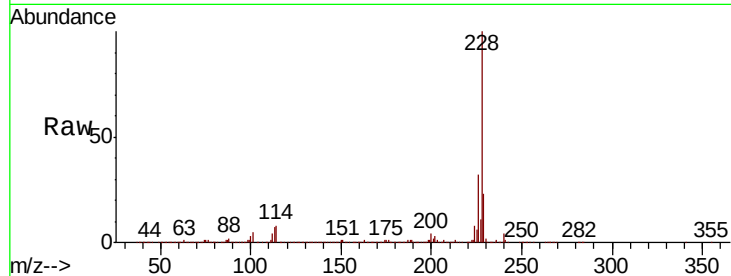
228 100

226 31.9 27.3 40.9

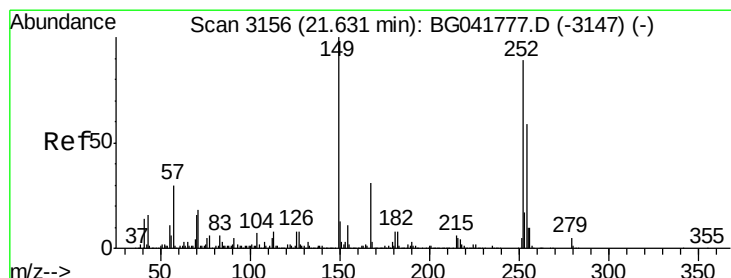
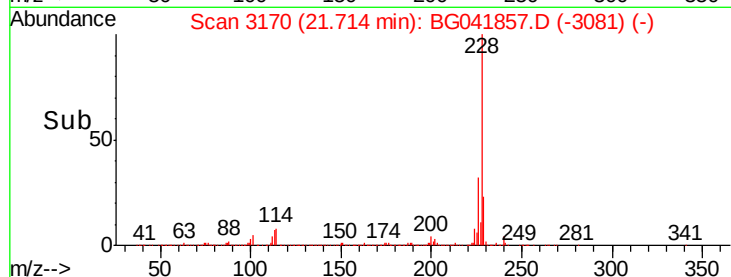
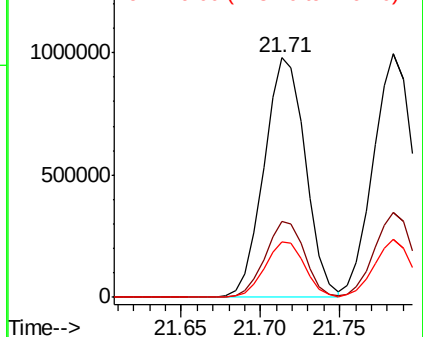
229 23.4 19.7 29.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.241 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

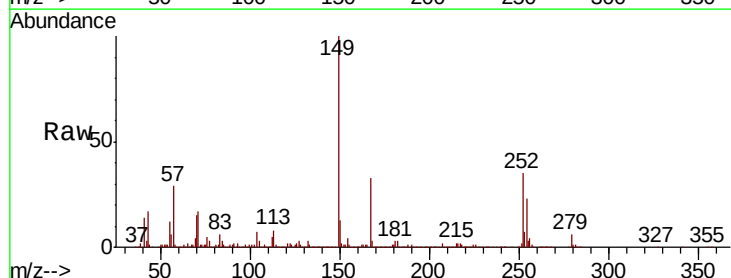
Tgt Ion:252 Resp: 315423

Ion Ratio Lower Upper

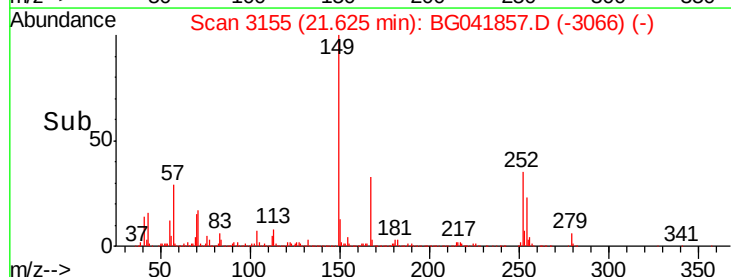
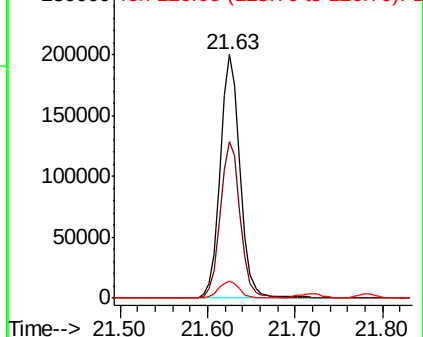
252 100

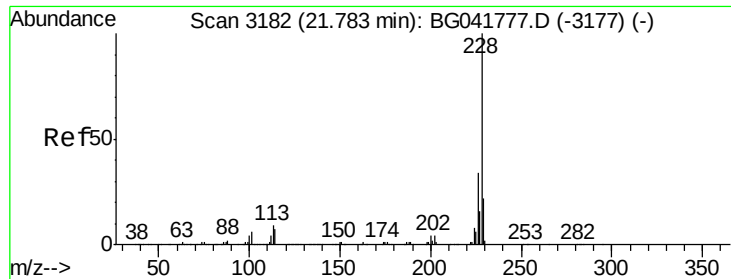
254 64.3 53.8 80.6

126 6.9 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





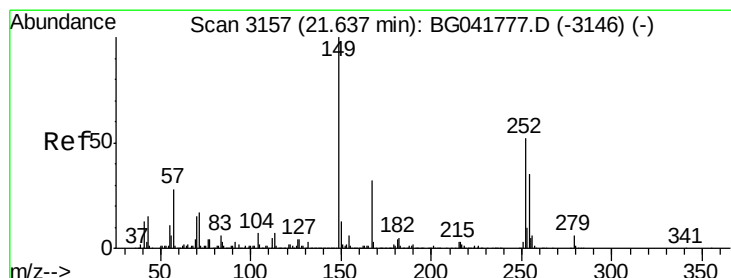
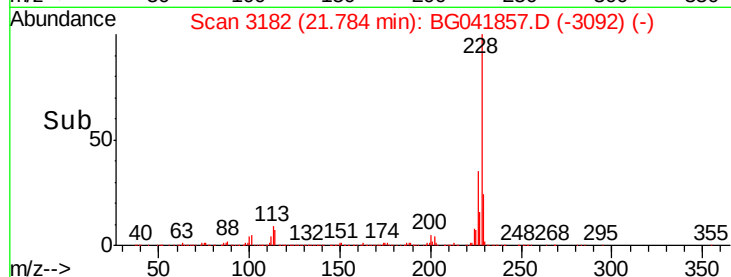
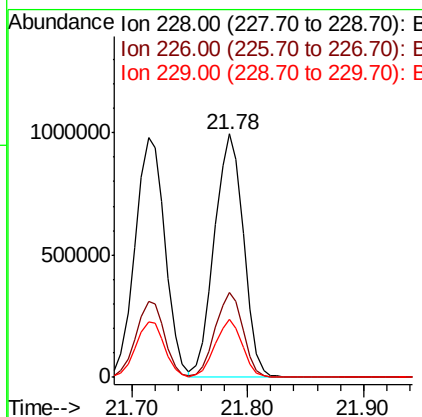
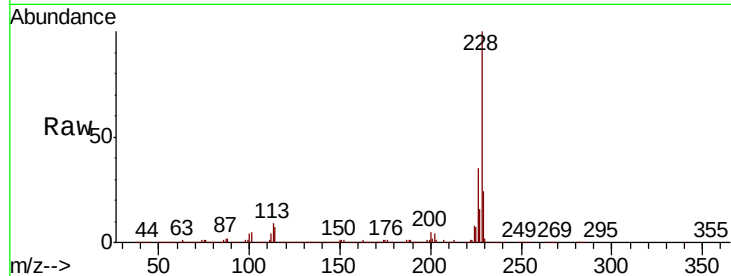
#83
 Chrysene
 Concen: 48.926 ng
 RT: 21.78 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-072919MS

Tot Ion:228 Resp: 1734555
 Ion Ratio Lower Upper
 228 100
 226 35.1 30.1 45.1
 229 23.8 19.8 29.6

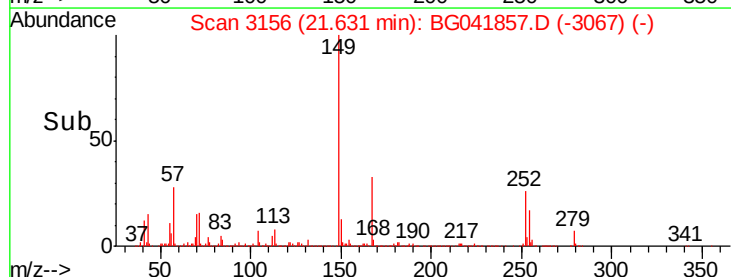
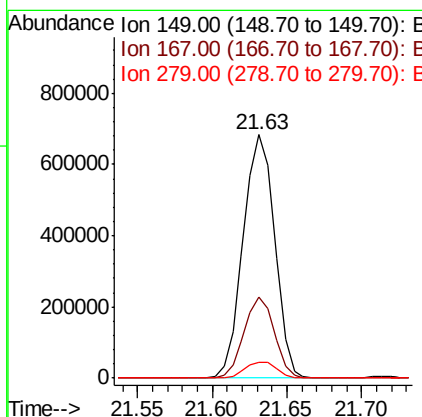
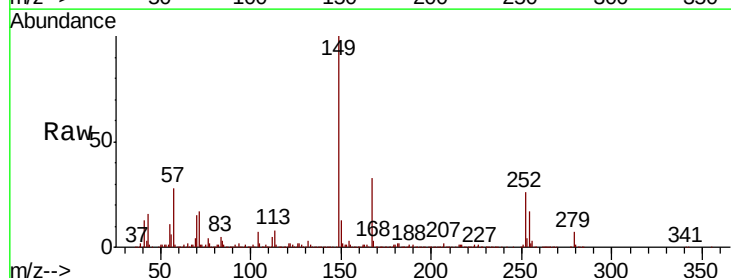
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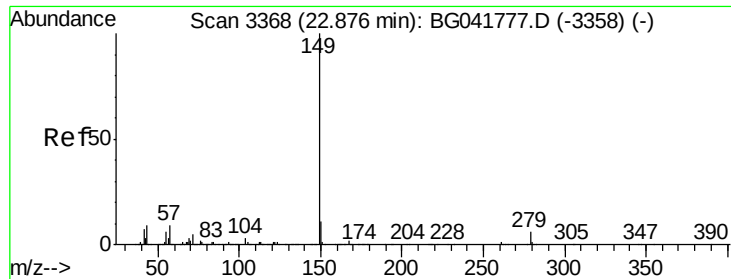
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.965 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG041857.D
 Acq: 1 Aug 2019 11:05

Tgt Ion:149 Resp: 998302
 Ion Ratio Lower Upper
 149 100
 167 33.1 27.0 40.4
 279 6.7 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 51.543 ng

RT: 22.87 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

ClientSampleId :

OK-01-072919MS

Tot Ion:149 Resp: 1699143

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

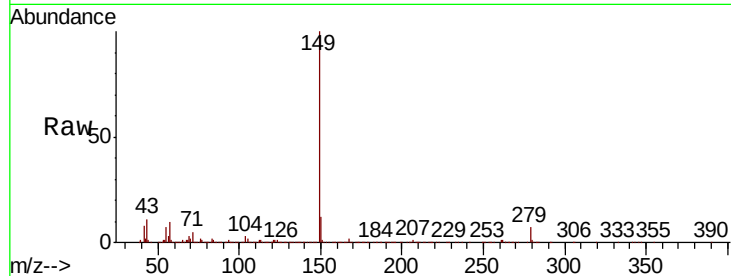
43 9.5 10.6 16.0#

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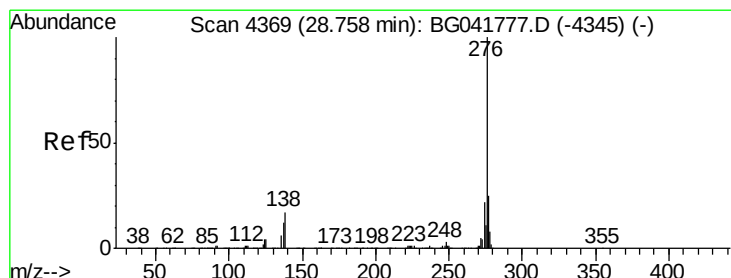
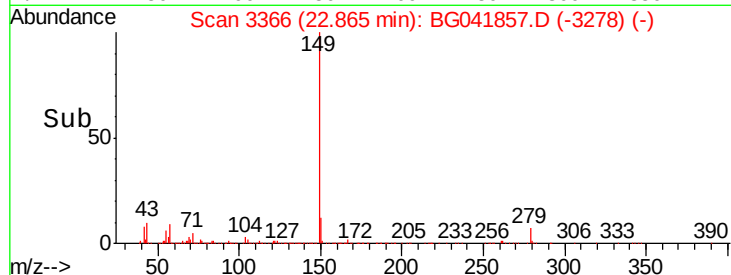
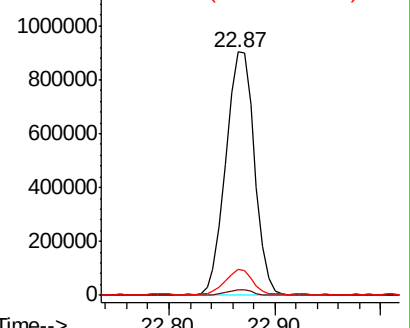
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.078 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

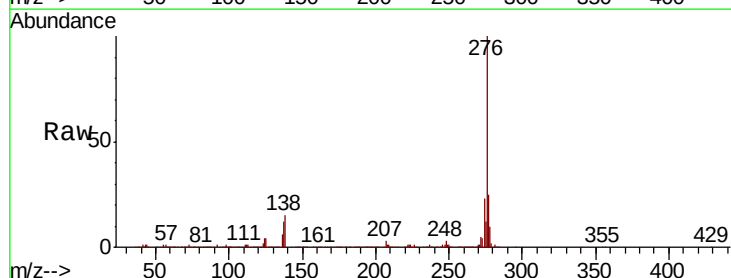
Tgt Ion:276 Resp: 2350240

Ion Ratio Lower Upper

276 100

138 12.2 19.4 29.0#

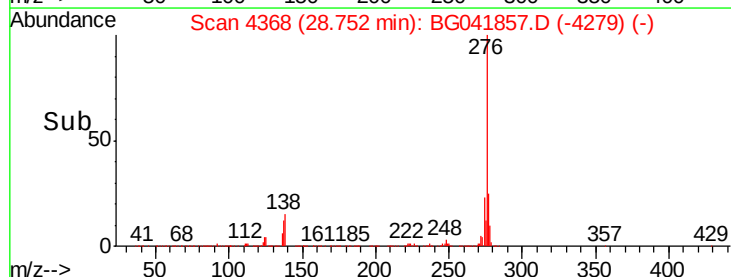
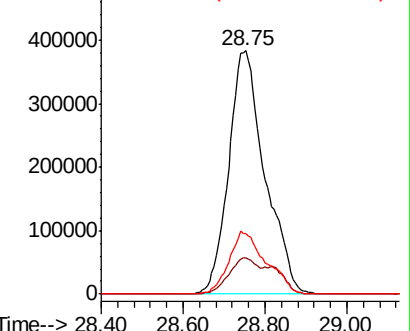
277 26.5 21.2 31.8

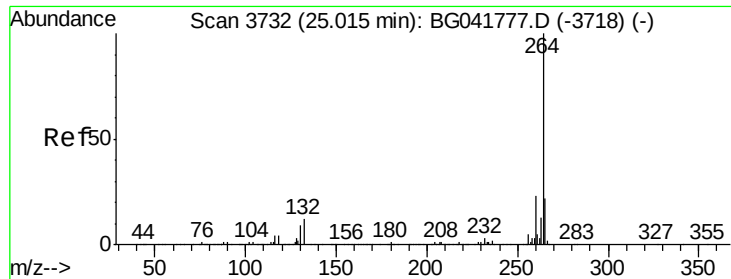


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA_G

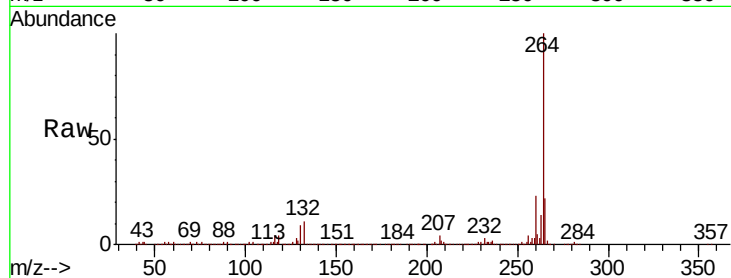
ClientSampleId :

OK-01-072919MS

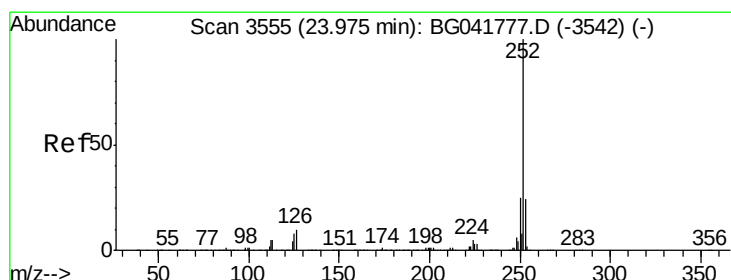
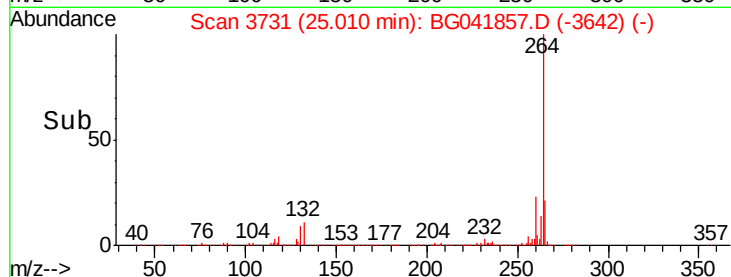
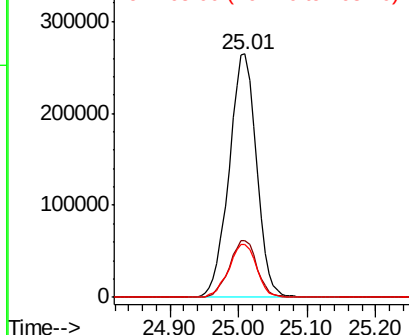
Tot Ion:	264	Resp:	732799
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	21.6	18.0	27.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.479 ng m

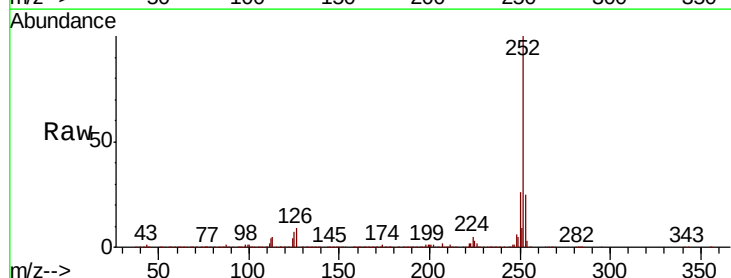
RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

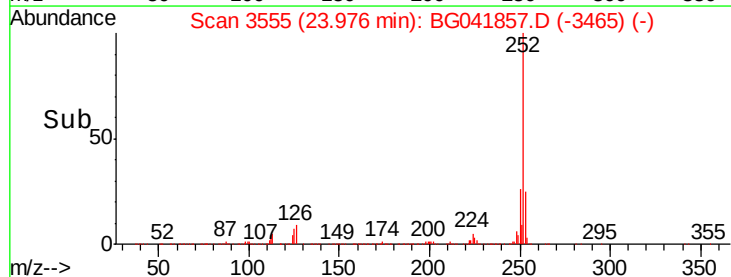
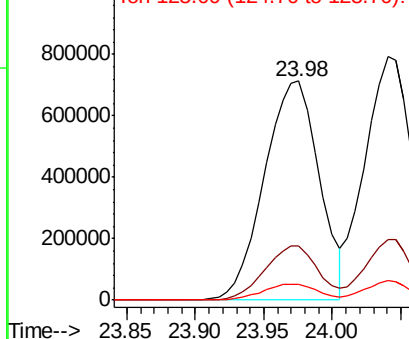
Lab File: BG041857.D

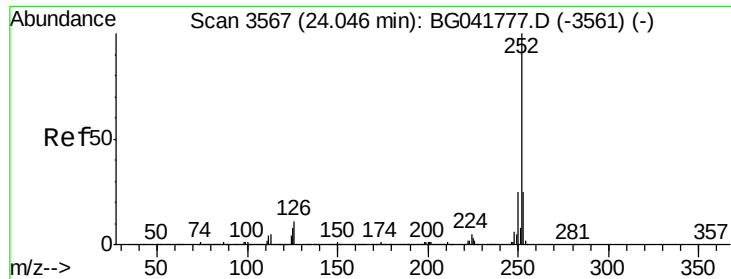
Acq: 1 Aug 2019 11:05

Tgt Ion:	252	Resp:	1983493
Ion Ratio	Lower	Upper	
252	100		
253	25.0	20.6	30.8
125	7.2	8.0	12.0#



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





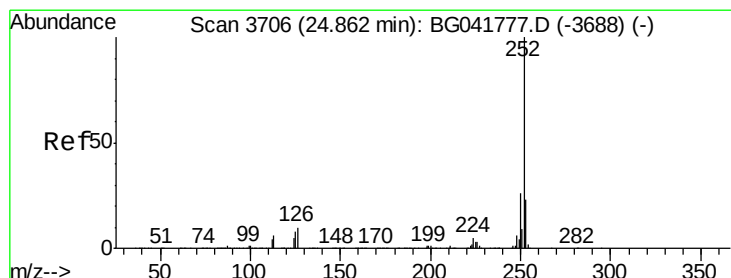
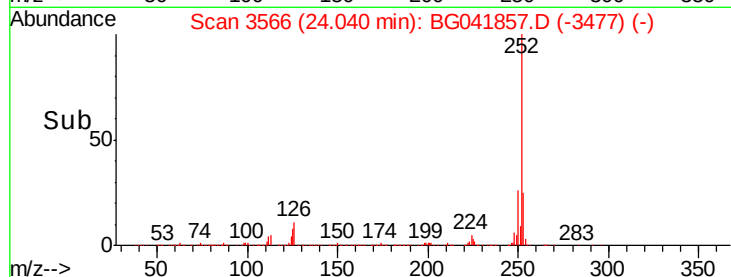
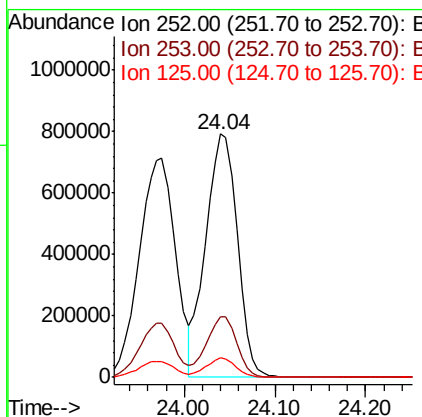
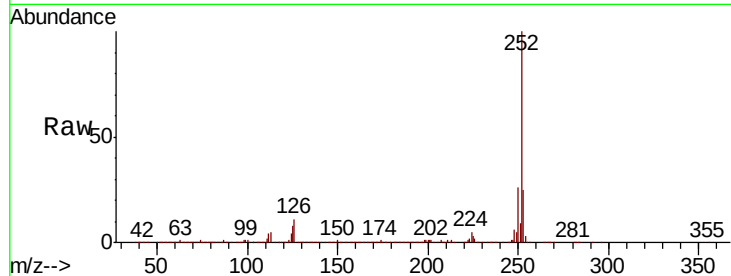
#89
Benzo(k)fluoranthene
Concen: 49.175 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.5	30.7
125	8.1	8.4	12.6

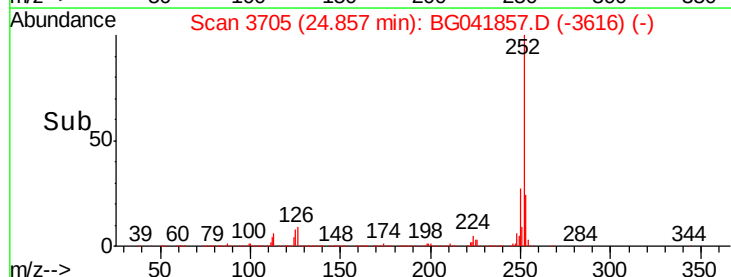
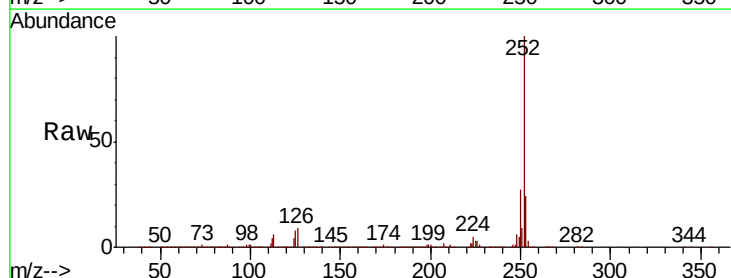
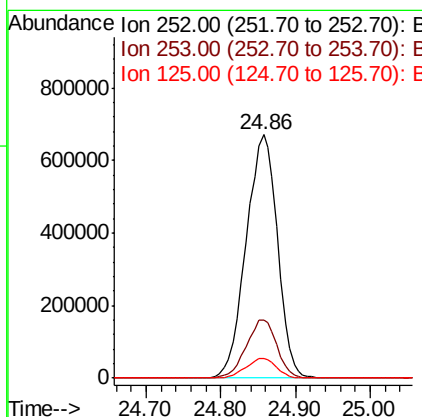
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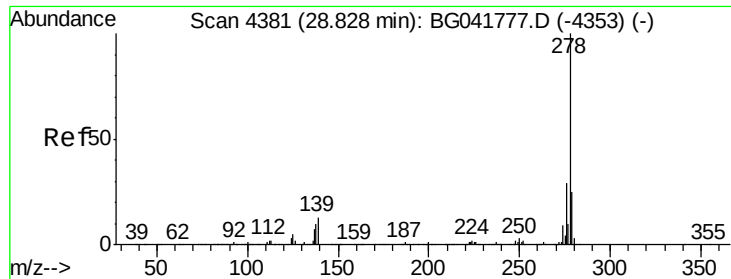
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#90
Benzo(a)pyrene
Concen: 50.810 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	8.1	8.8	13.2





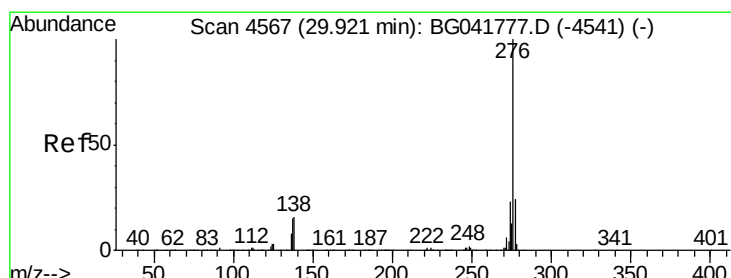
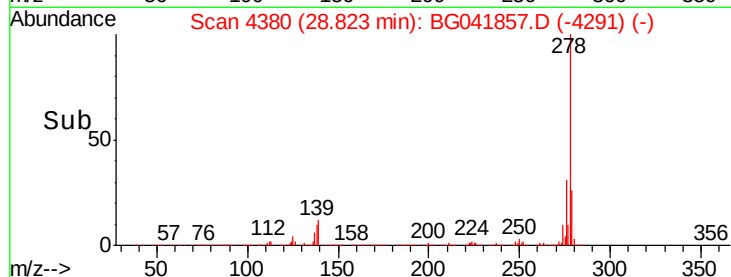
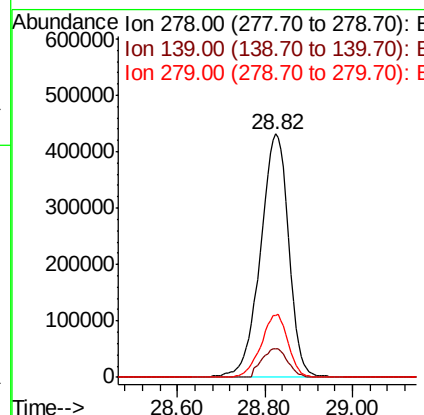
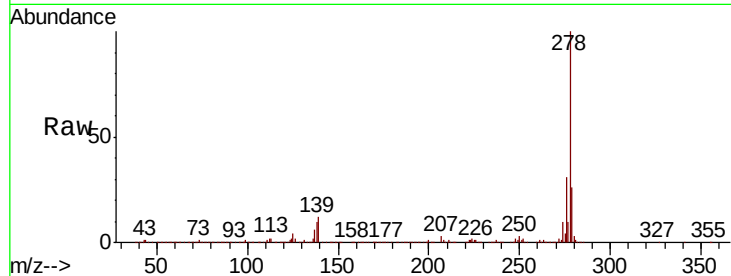
#91
Dibenzo(a,h)anthracene
Concen: 50.766 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.01 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Instrument :
BNA_G
ClientSampleId :
OK-01-072919MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	12.6	19.0#
279	25.5	20.5	30.7

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#92
Benzo(g,h,i)perylene
Concen: 51.649 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BG041857.D
Acq: 1 Aug 2019 11:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.8
138	16.2	16.6	25.0#

