

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041664.D
 Acq On : 16 Jul 2019 12:30
 Operator : HP/JU
 Sample : K3778-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-COMPMSD

Manual Integrations
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mohammad
 7/17/2019 12:04:55 PM

Quant Time: Jul 17 02:10:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115787	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	508893	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	336148	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	754427	20.00	ng	0.00
76) Chrysene-d12	21.66	240	603892	20.00	ng	0.00
87) Perylene-d12	24.85	264	719781	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	920935	130.02	ng	0.00
7) Phenol-d6	7.20	99	1311078	137.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	795559	95.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	521809	137.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1716274	79.06	ng	0.00
79) Terphenyl-d14	20.01	244	2239631	86.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	88325	26.256	ng	98
3) Pyridine	3.88	79	231269	25.755	ng	100
4) n-Nitrosodimethylamine	3.80	42	149563	36.067	ng	100
6) Aniline	7.37	93	297921	23.268	ng	99
8) 2-Chlorophenol	7.62	128	352315	43.938	ng	98
9) Benzaldehyde	7.18	77	184368	29.304	ng	99
10) Phenol	7.23	94	448187	44.653	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	327139	40.356	ng	97
12) 1,3-Dichlorobenzene	7.94	146	356270	37.237	ng	99
13) 1,4-Dichlorobenzene	8.09	146	360991	37.676	ng	100
14) 1,2-Dichlorobenzene	8.40	146	351113	38.867	ng	97
15) Benzyl Alcohol	8.28	79	331890	43.759	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	672857	40.057	ng	100
17) 2-Methylphenol	8.48	107	315556	45.461	ng	99
18) Hexachloroethane	9.14	117	129774	36.978	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	296233	42.543	ng	99
20) 3+4-Methylphenols	8.81	107	438732	46.123	ng	97
22) Acetophenone	8.87	105	525775	42.420	ng	99
24) Nitrobenzene	9.25	77	394034	43.166	ng	98
25) Isophorone	9.78	82	778324	42.477	ng	99
26) 2-Nitrophenol	9.96	139	197968	47.345	ng	97
27) 2,4-Dimethylphenol	10.02	122	351507	48.485	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	474200	41.990	ng	98
29) 2,4-Dichlorophenol	10.50	162	387135	46.836	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	395629	40.764	ng	99
31) Naphthalene	10.91	128	1050475	41.929	ng	99
32) Benzoic acid	10.10	122	54736	14.711	ng	97
33) 4-Chloroaniline	11.01	127	152698	13.213	ng	98
34) Hexachlorobutadiene	11.20	225	244808	39.245	ng	98
35) Caprolactam	11.77	113	145436m	47.869	ng	
36) 4-Chloro-3-methylphenol	12.12	107	405643	46.845	ng	98
37) 2-Methylnaphthalene	12.51	142	822998	42.996	ng	99
38) 1-Methylnaphthalene	12.73	142	782218	42.865	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	477109	41.436	ng	99

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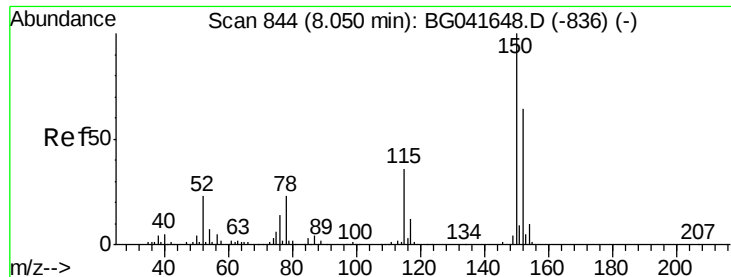
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	586689	90.074	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	343445	45.906	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	365771	46.402	nq	97
46) 1,1'-Biphenyl	13.51	154	1050240	41.703	nq	99
47) 2-Chloronaphthalene	13.56	162	850750	40.534	nq	99
48) 2-Nitroaniline	13.74	65	281592	46.080	nq	99
49) Acenaphthylene	14.40	152	1347013	41.111	nq	99
50) Dimethylphthalate	14.13	163	1362676	51.615	nq	99
51) 2,6-Dinitrotoluene	14.24	165	262017	46.790	nq	96
52) Acenaphthene	14.74	154	870673	42.167	nq	99
53) 3-Nitroaniline	14.56	138	152602	24.964	nq	94
54) 2,4-Dinitrophenol	14.76	184	155170	57.260	nq	89
55) Dibenzofuran	15.07	168	1276485	41.198	nq	99
56) 4-Nitrophenol	14.87	139	459856	92.915	nq	99
57) 2,4-Dinitrotoluene	15.02	165	355492	48.024	nq	97
58) Fluorene	15.72	166	1033276	40.984	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	343592	47.215	nq	97
60) Diethylphthalate	15.49	149	1089752	40.973	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	593249	41.628	nq	99
62) 4-Nitroaniline	15.72	138	275751	42.533	nq	99
63) Azobenzene	16.00	77	981942	40.837	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	178375	49.555	nq	96
66) n-Nitrosodiphenylamine	15.92	169	975143	44.015	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	393811	43.870	nq	98
68) Hexachlorobenzene	16.72	284	383990	42.479	nq	98
69) Atrazine	16.86	200	366156	45.542	nq	99
70) Pentachlorophenol	17.06	266	509626	90.167	nq	99
71) Phenanthrene	17.45	178	1570460	41.335	nq	100
72) Anthracene	17.54	178	1609748	42.506	nq	99
73) Carbazole	17.80	167	1448004	41.227	nq	99
74) Di-n-butylphthalate	18.37	149	1600272	37.356	nq	98
75) Fluoranthene	19.45	202	1735634	37.204	nq	96
77) Benzidine	19.62	184	613588	26.364	nq	98
78) Pyrene	19.81	202	1719249	42.094	nq	96
80) Butylbenzylphthalate	20.70	149	713296	42.028	nq	97
81) Benzo(a)anthracene	21.64	228	1609682	41.255	nq	97
82) 3,3'-Dichlorobenzidine	21.55	252	339272	22.097	nq	97
83) Chrysene	21.70	228	1560448	41.854	nq	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	1002065	41.817	nq	98
85) Di-n-octyl phthalate	22.78	149	1735827	42.535	nq	98
86) Indeno(1,2,3-cd)pyrene	28.51	276	2082750	42.338	nq	# 93
88) Benzo(b)fluoranthene	23.84	252	1789914	40.997	nq	98
89) Benzo(k)fluoranthene	23.91	252	1734696	42.879	nq	99
90) Benzo(a)pyrene	24.71	252	1765925	42.750	nq	98
91) Dibenzo(a,h)anthracene	28.58	278	1702517	42.507	nq	97
92) Benzo(g,h,i)perylene	29.64	276	1707747	42.548	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

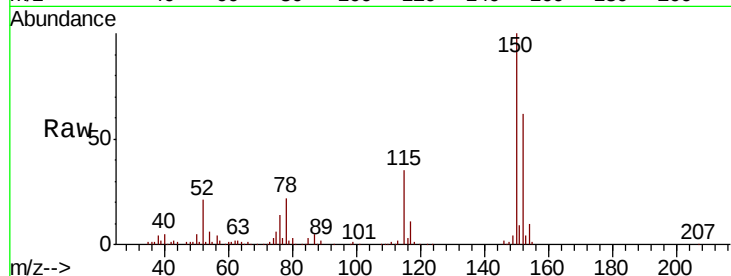
ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:	152	Resp:	115787
Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.9	190.3
115	55.6	45.0	67.6

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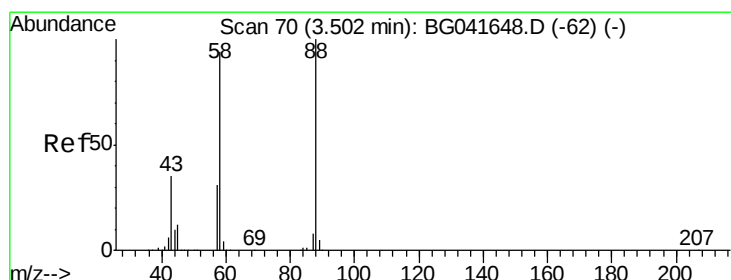
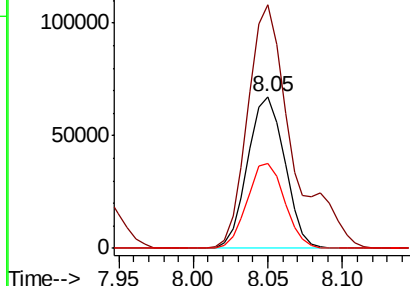
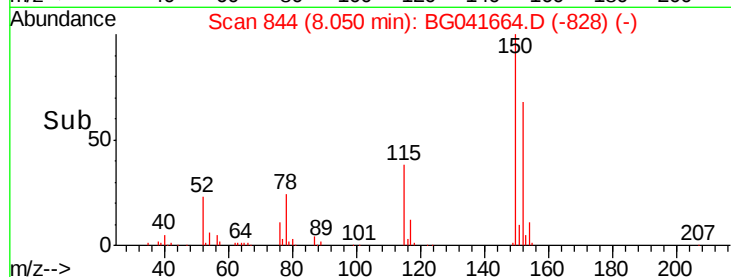


Abundance

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: 26.256 ng

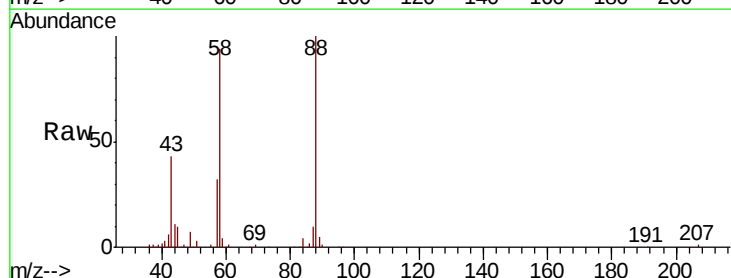
RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:	88	Resp:	88325
Ion	Ratio	Lower	Upper
88	100		
58	93.1	76.2	114.2
43	34.8	27.2	40.8

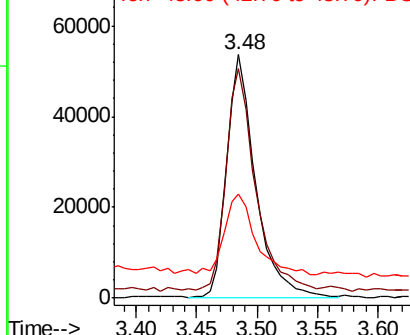
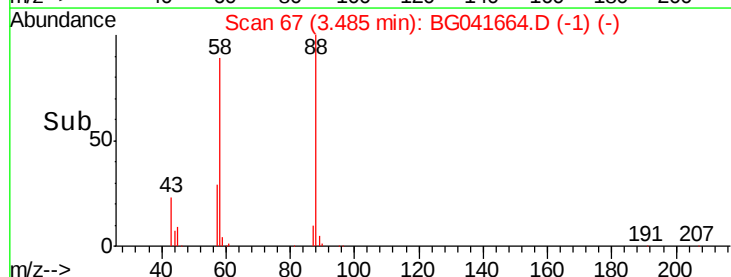


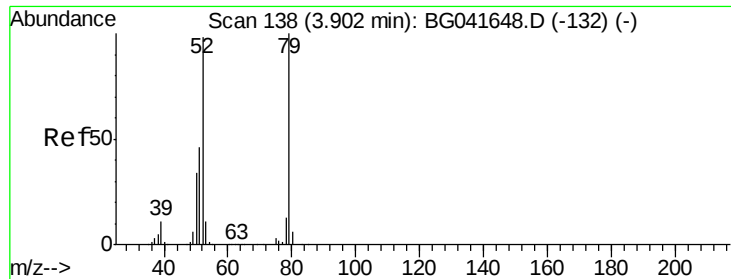
Abundance

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: 25.755 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

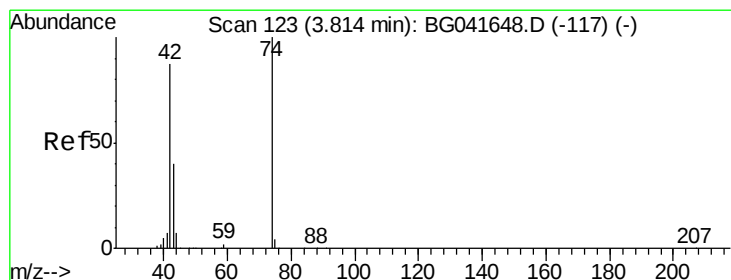
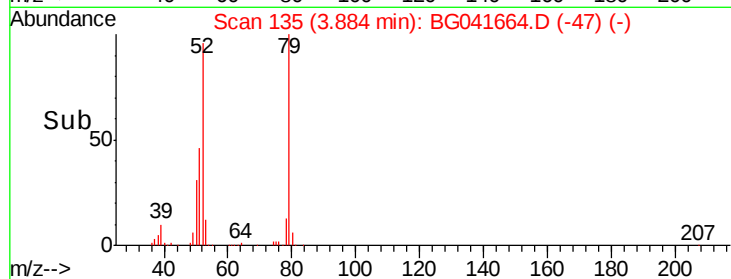
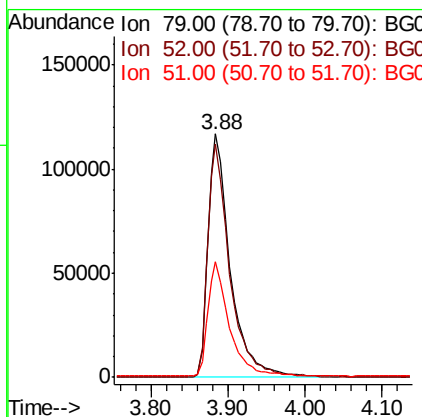
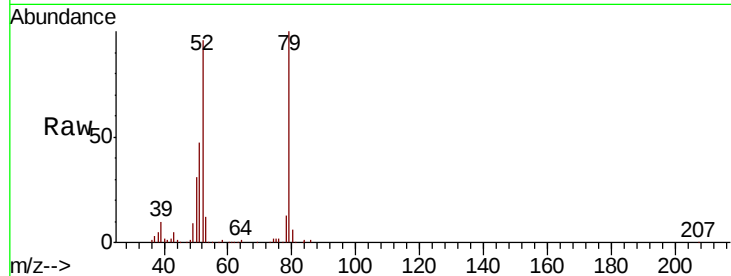
ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:	79	Resp:	231269
Ion	Ratio	Lower	Upper
79	100		
52	95.9	77.1	115.7
51	47.2	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 36.067 ng

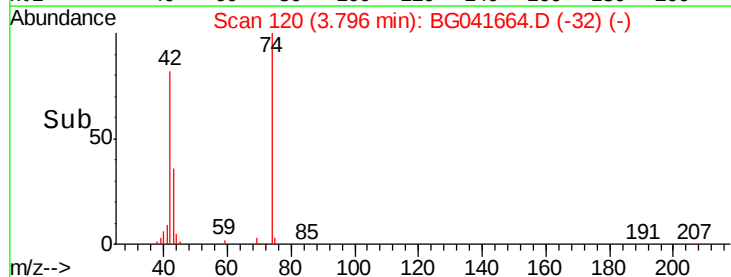
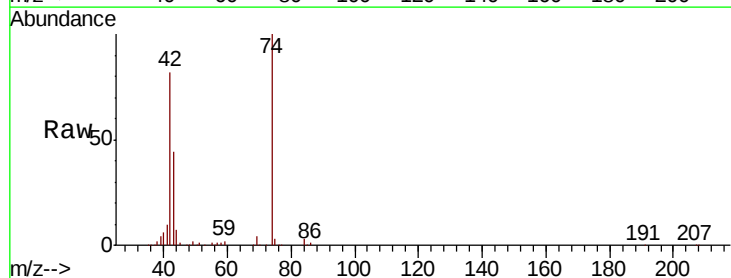
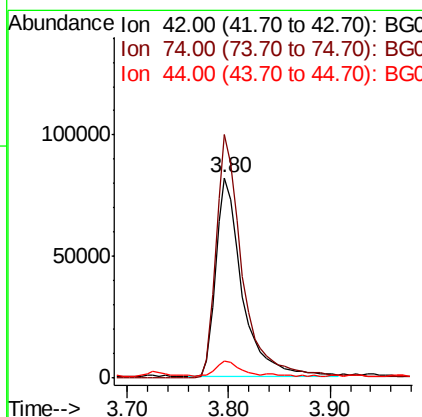
RT: 3.80 min Scan# 120

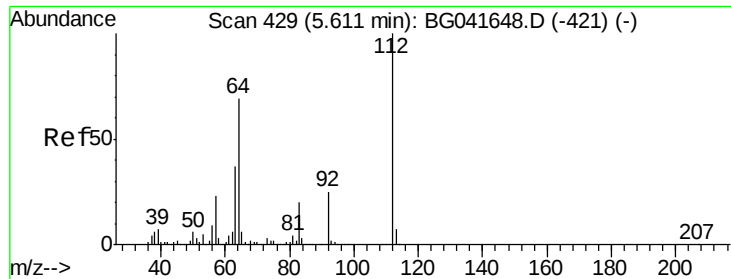
Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:	42	Resp:	149563
Ion	Ratio	Lower	Upper
42	100		
74	121.6	97.4	146.2
44	8.4	6.6	9.8





#5

2-Fluorophenol

Concen: 130.023 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

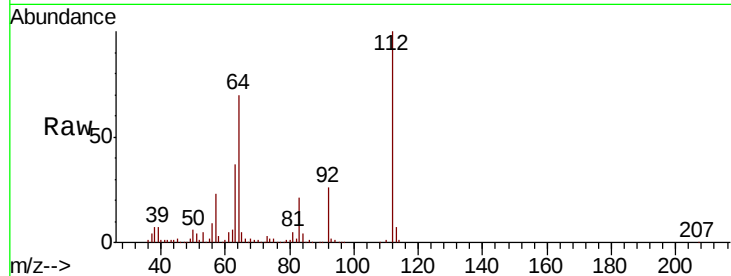
ClientSampleId :

STOCKPILE-COMPMSD

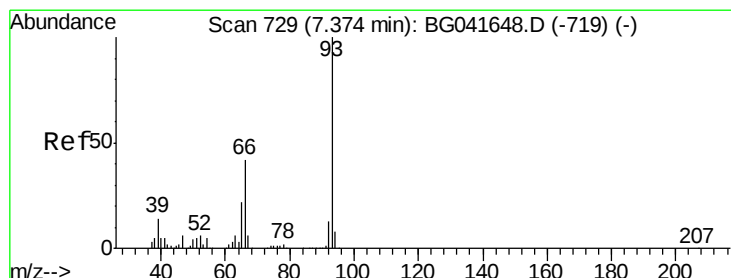
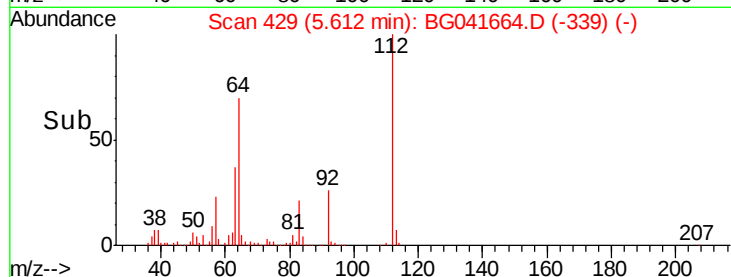
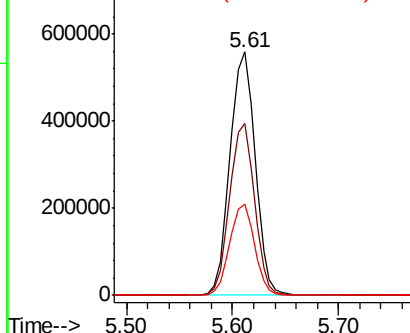
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	70.5	55.4	83.2
63	37.4	29.1	43.7

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



#6

Aniline

Concen: 23.268 ng

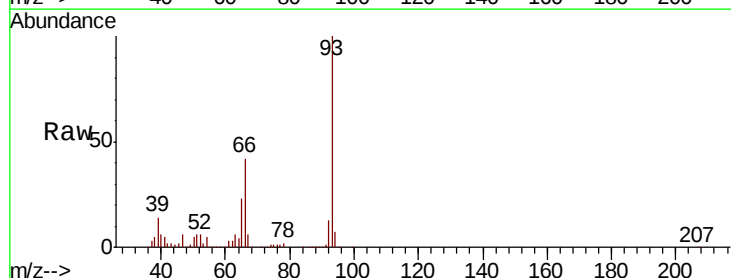
RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

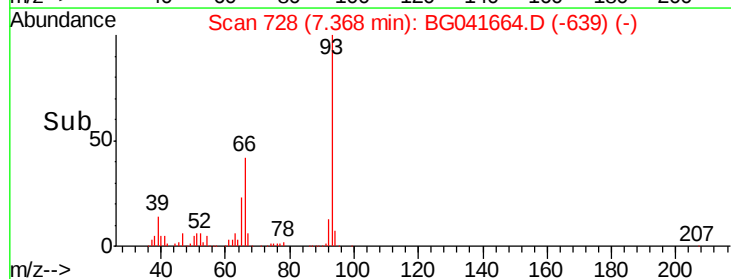
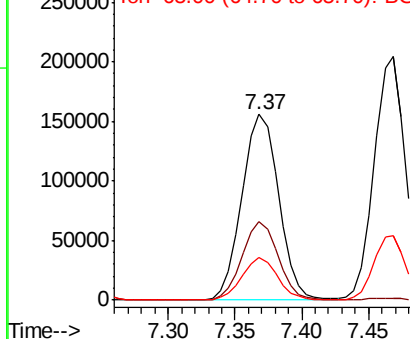
Lab File: BG041664.D

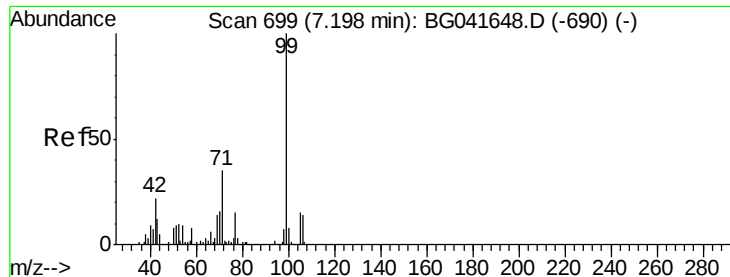
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	41.9	34.2	51.2
65	22.7	18.2	27.2



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





#7

Phenol-d6

Concen: 137.621 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-COMPMASD

Tot Ion: 99 Resp: 1311078

Ion Ratio Lower Upper

99 100

42 23.1 17.6 26.4

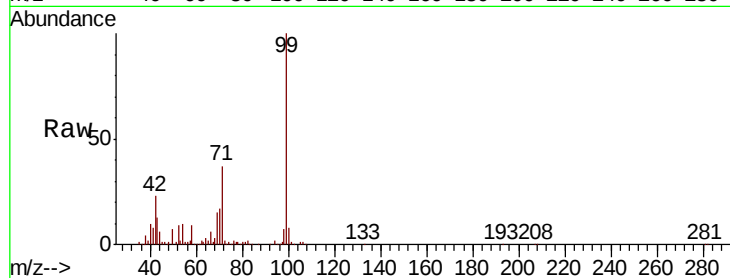
71 37.2 27.8 41.6

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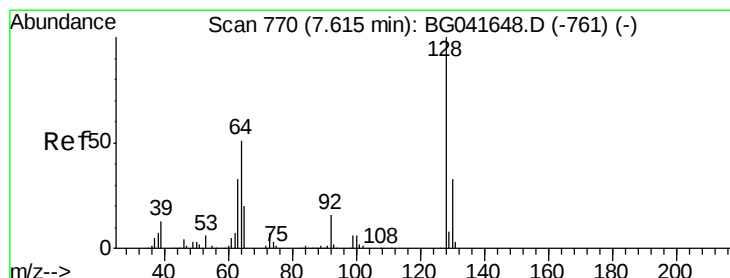
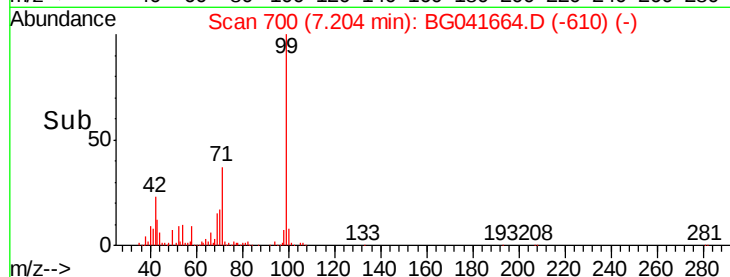
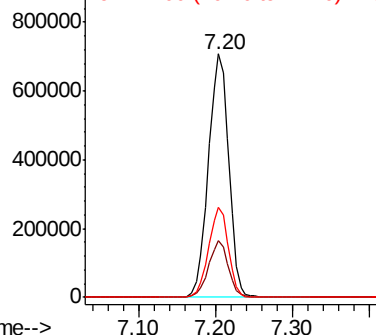
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.938 ng

RT: 7.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

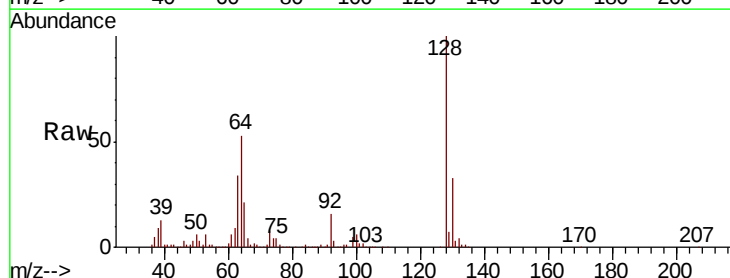
Tgt Ion: 128 Resp: 352315

Ion Ratio Lower Upper

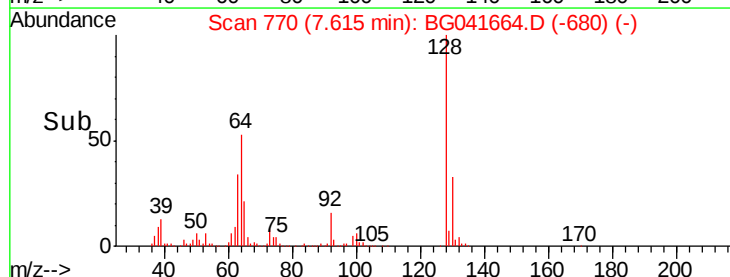
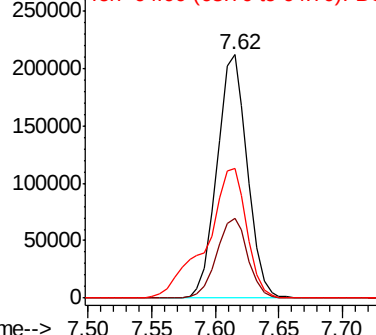
128 100

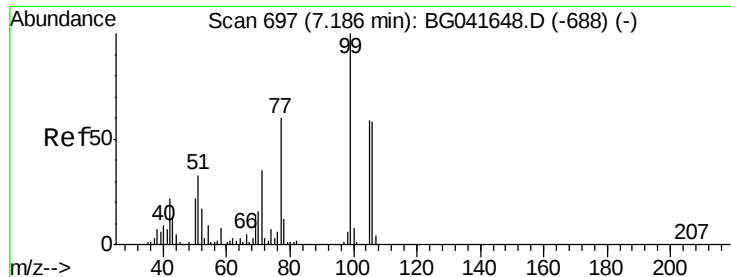
130 32.9 12.4 52.4

64 53.1 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.304 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

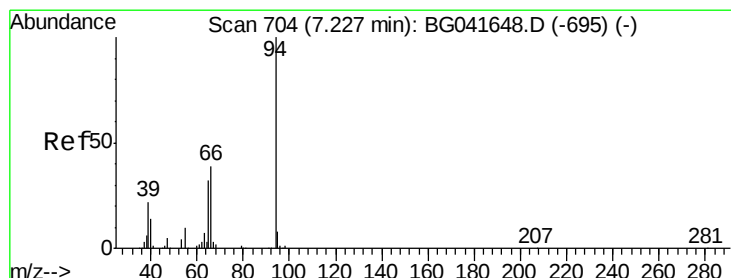
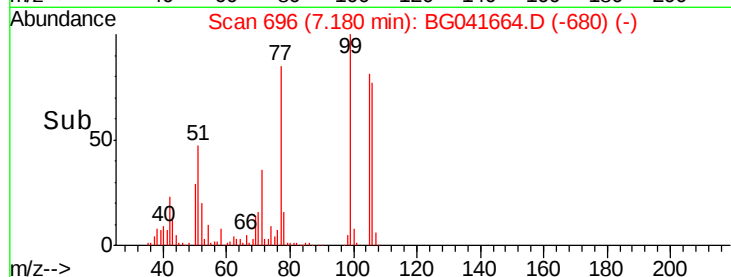
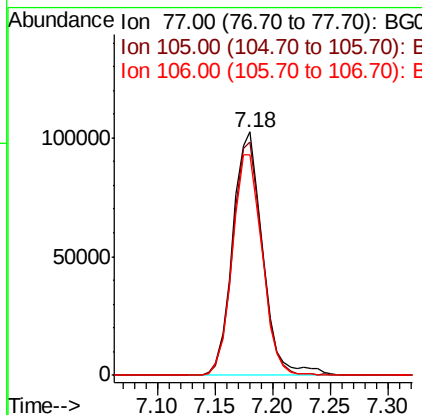
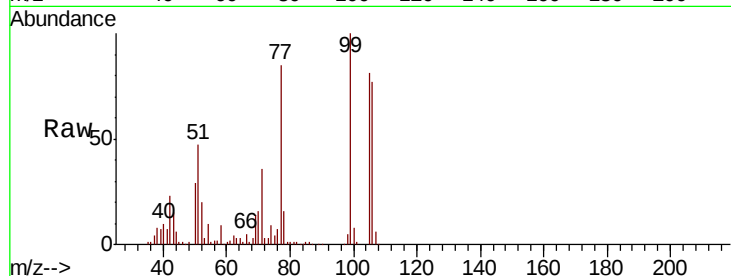
ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:	77	Resp:	184368
Ion Ratio	Lower	Upper	
77	100		
105	95.9	74.6	114.6
106	90.8	71.1	111.1

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#10

Phenol

Concen: 44.653 ng

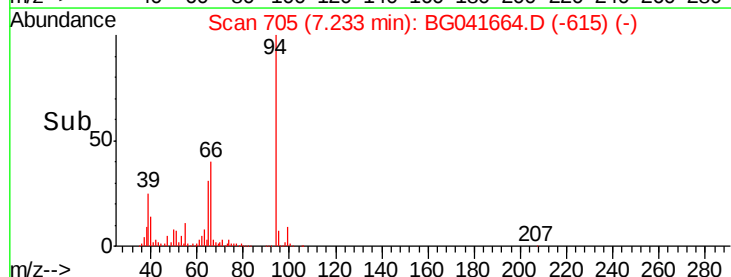
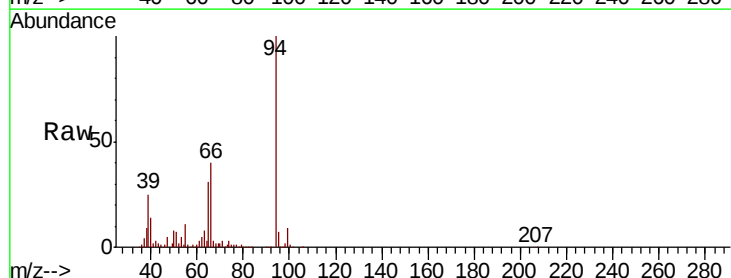
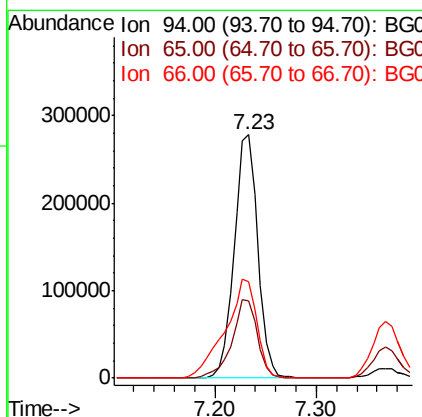
RT: 7.23 min Scan# 705

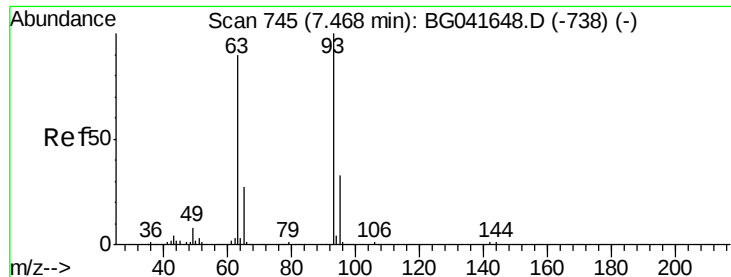
Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:	94	Resp:	448187
Ion Ratio	Lower	Upper	
94	100		
65	31.5	10.6	50.6
66	39.7	18.2	58.2





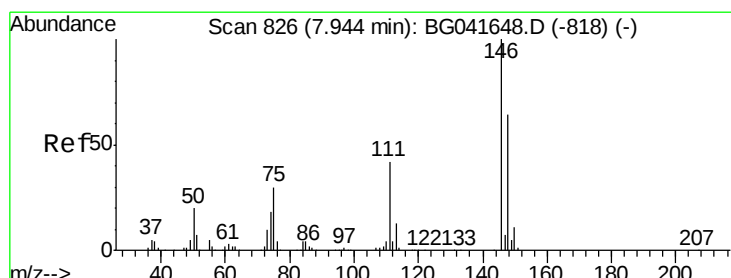
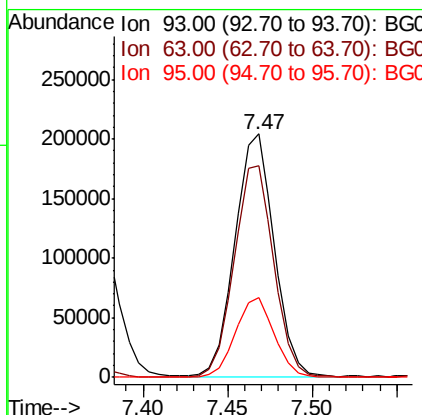
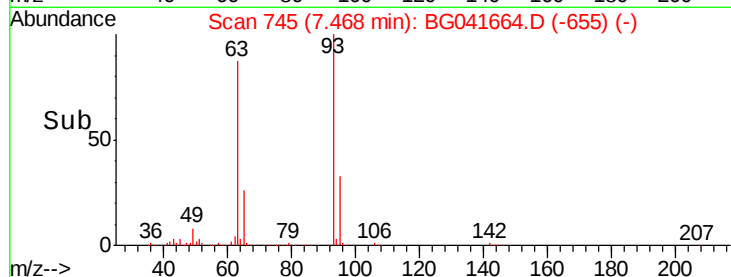
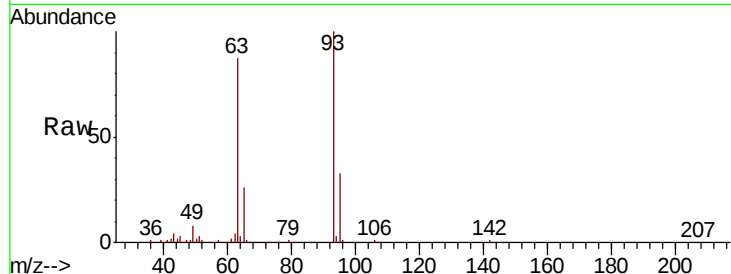
#11
bis(2-Chloroethyl)ether
Concen: 40.356 ng
RT: 7.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMASD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.8	70.4	110.4
95	32.7	12.8	52.8

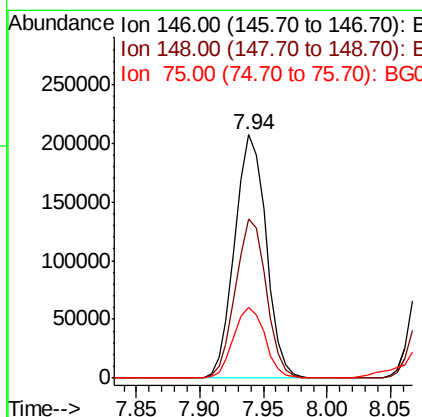
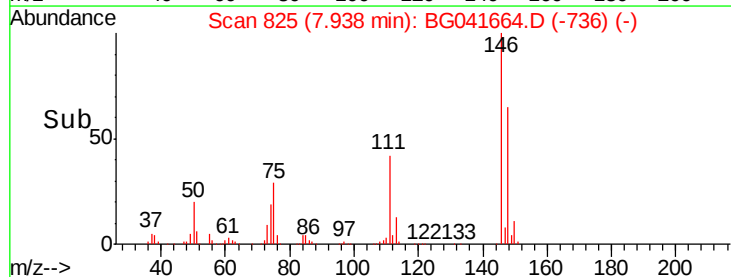
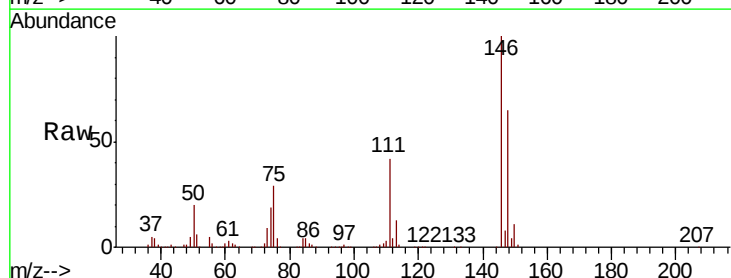
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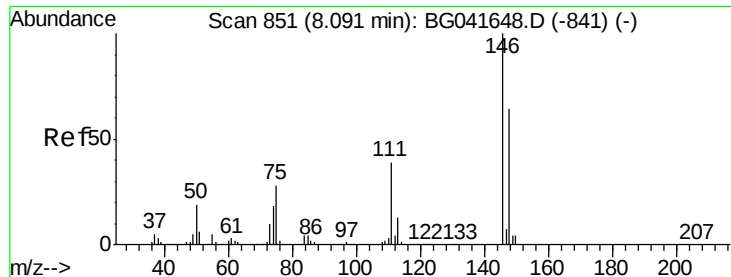
mohammad
7/17/2019 12:04:55 PM



#12
1,3-Dichlorobenzene
Concen: 37.237 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
75	28.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 37.676 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

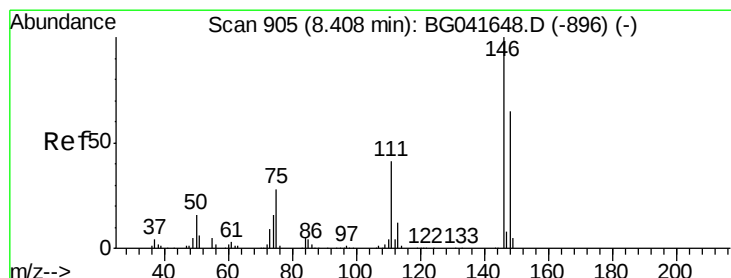
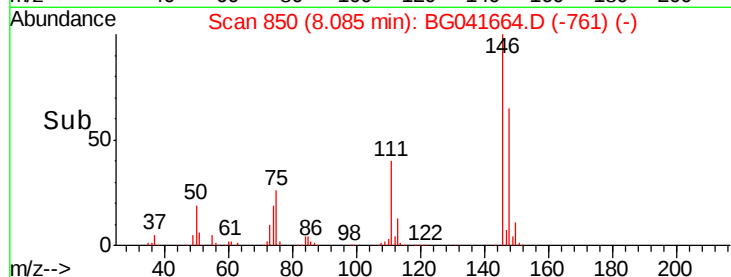
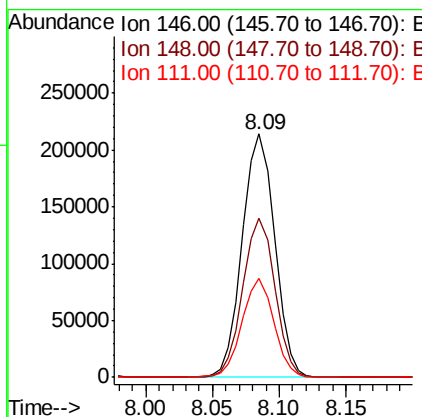
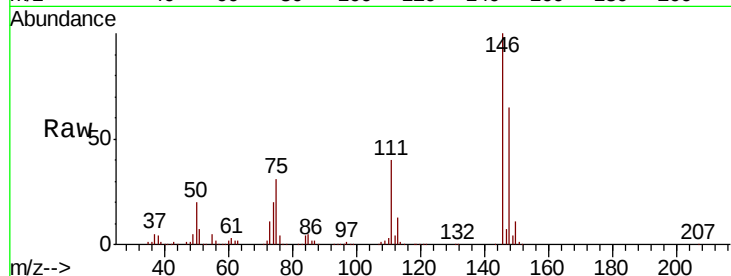
ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:	146	Resp:	360991
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.6	79.0
111	40.4	32.5	48.7

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#14

1,2-Dichlorobenzene

Concen: 38.867 ng

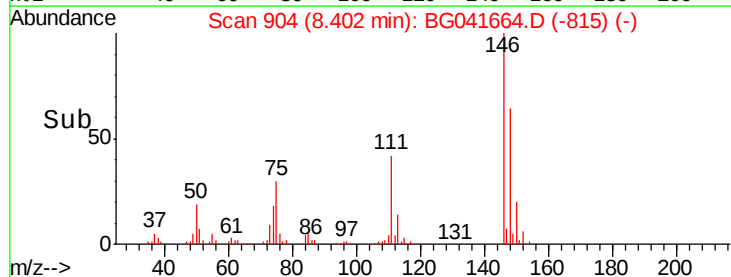
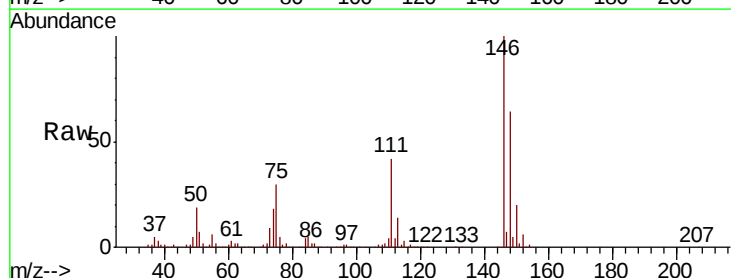
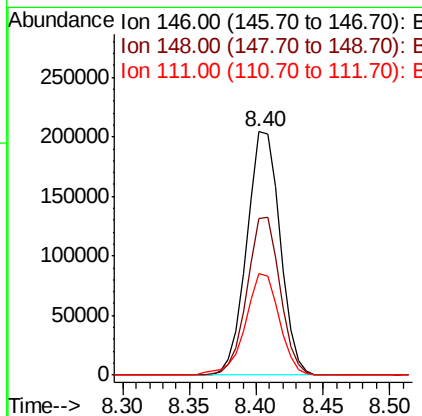
RT: 8.40 min Scan# 904

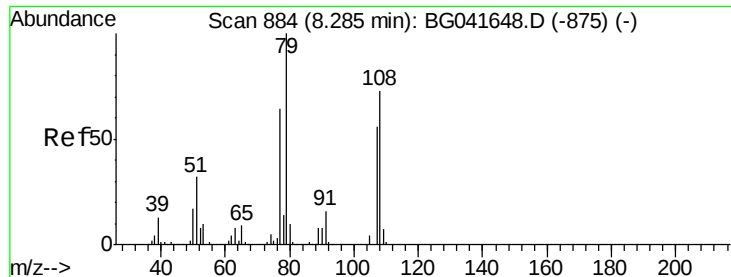
Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:	146	Resp:	351113
Ion Ratio	Lower	Upper	
146	100		
148	64.1	53.5	80.3
111	41.9	35.4	53.0





#15

Benzyl Alcohol

Concen: 43.759 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

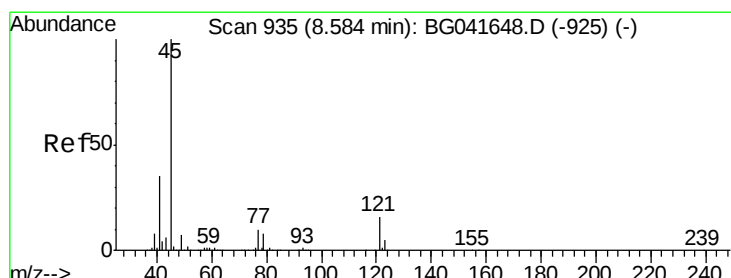
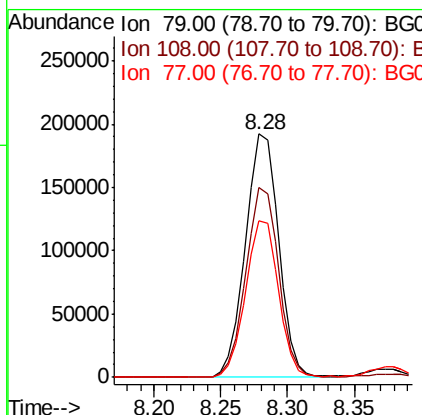
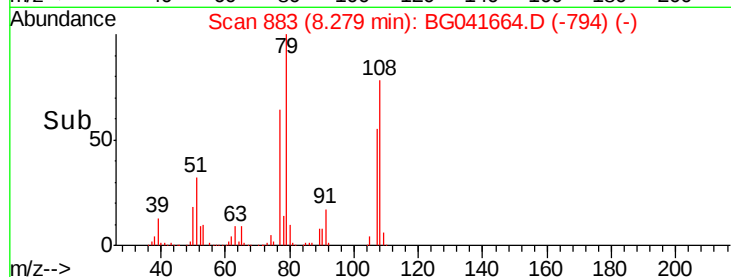
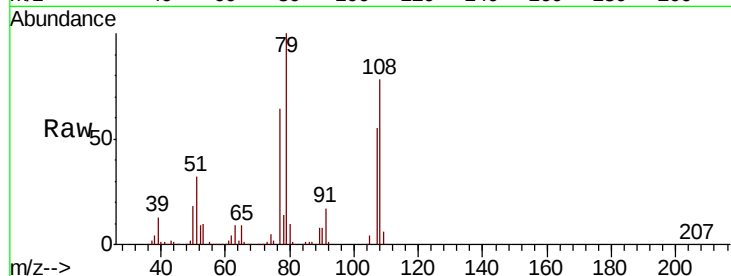
ClientSampleId :

STOCKPILE-COMPMSSD

Tot Ion:	79	Resp:	331890
Ion Ratio	Lower	Upper	
79	100		
108	77.7	60.5	90.7
77	64.3	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.057 ng

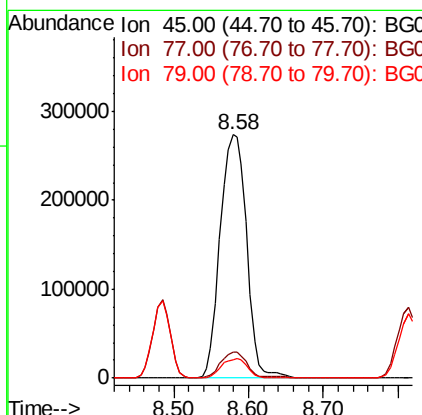
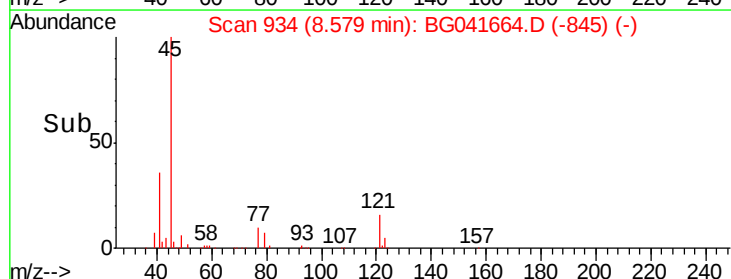
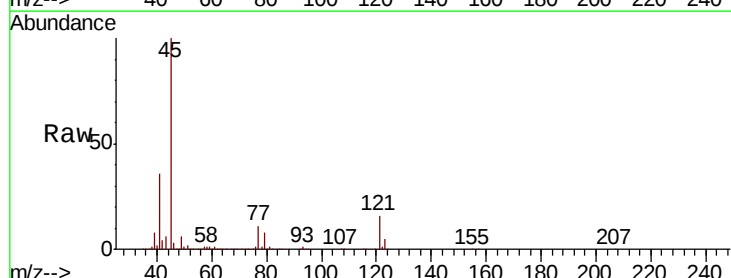
RT: 8.58 min Scan# 934

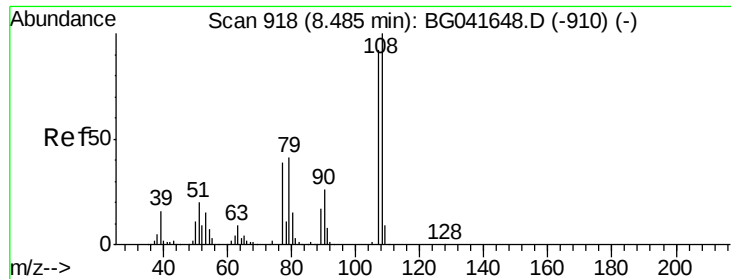
Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:	45	Resp:	672857
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.4
79	7.8	0.0	27.9





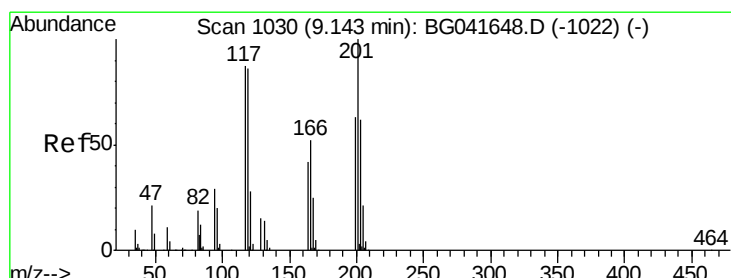
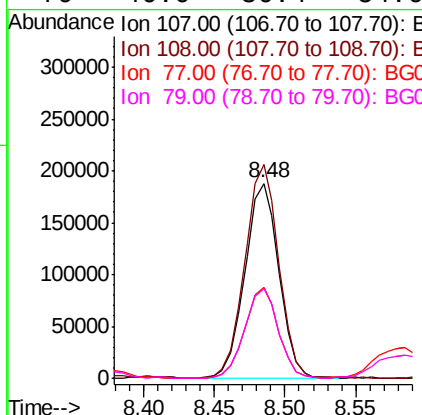
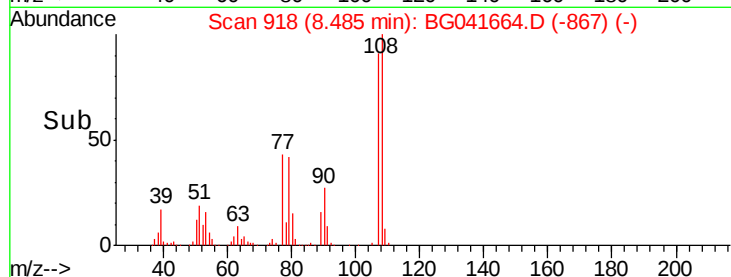
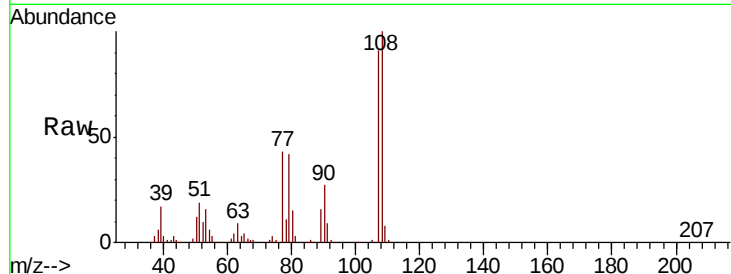
#17
2-Methylphenol
Concen: 45.461 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	87.6	131.4	
77	47.0	36.1	54.1	
79	46.0	36.4	54.6	

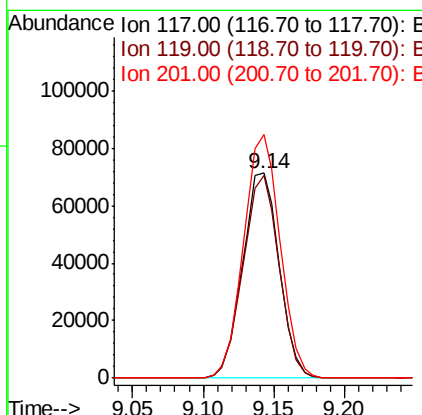
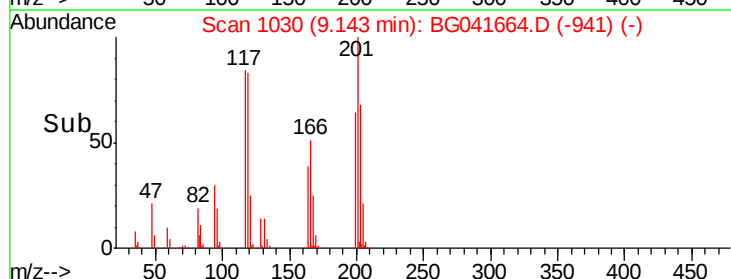
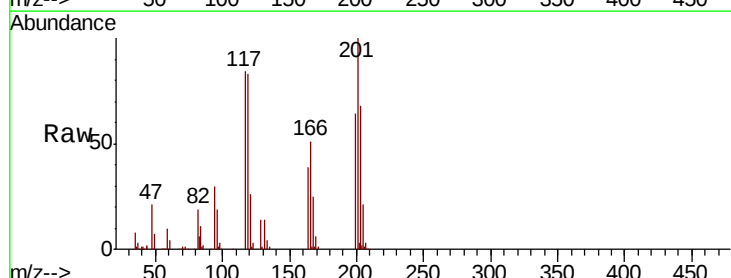
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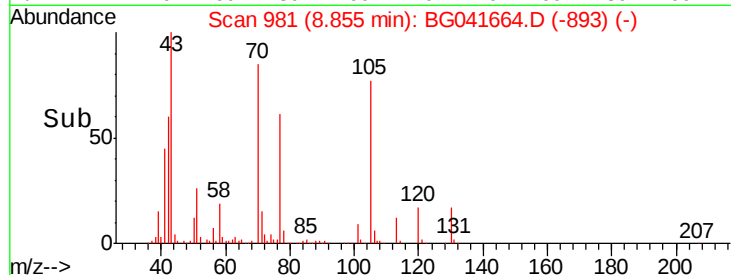
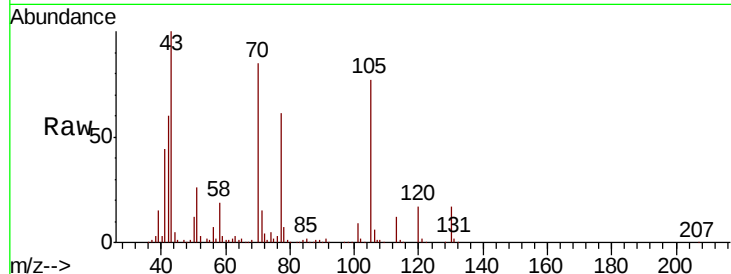
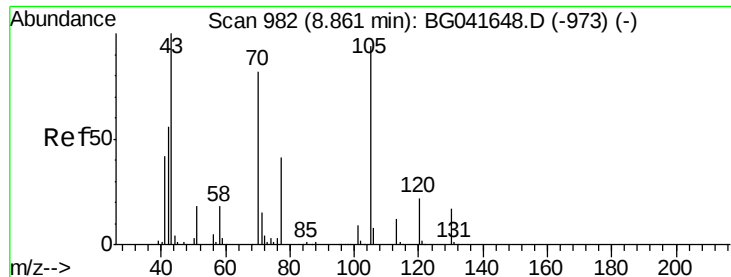
mohammad
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#18
Hexachloroethane
Concen: 36.978 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	76.2	114.2	
201	118.7	94.1	141.1	





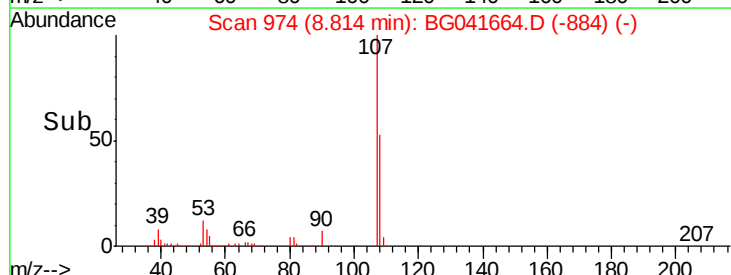
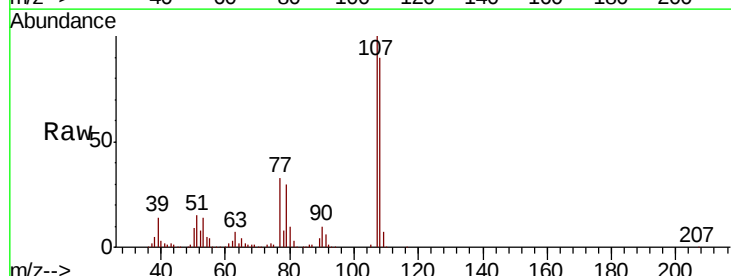
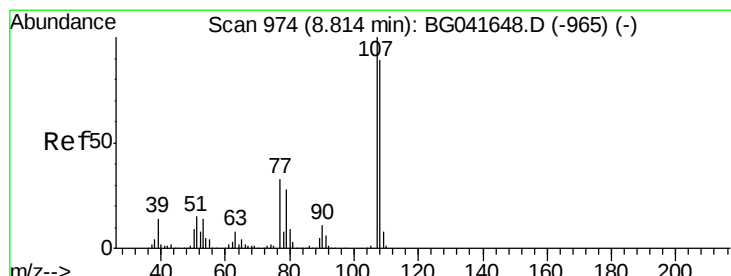
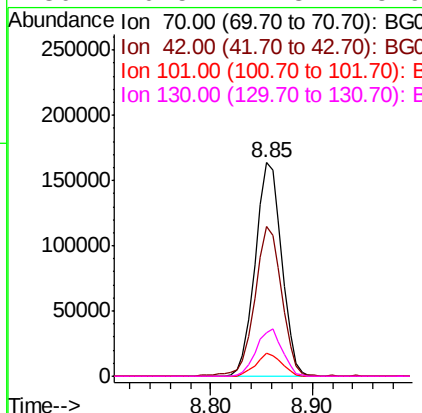
#19
n-Nitroso-di-n-propylamine
Concen: 42.543 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.4	55.8	83.6
101	10.8	8.1	12.1
130	20.5	17.3	25.9

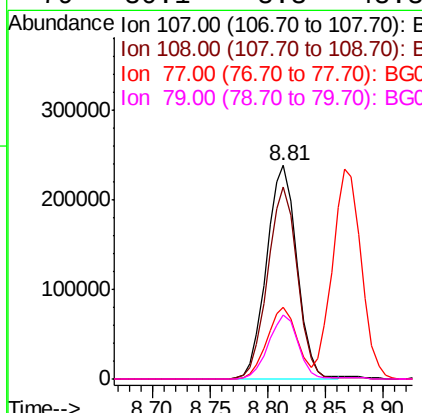
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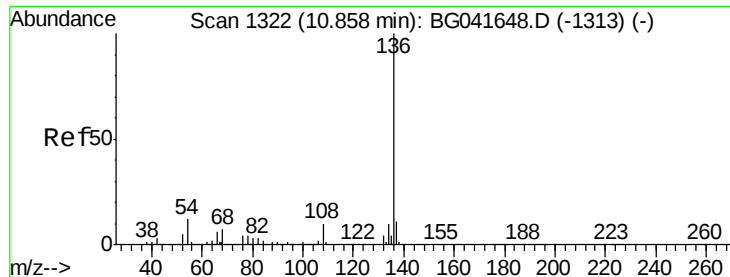
mohammad
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#20
3+4-Methylphenols
Concen: 46.123 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.5	107.5
77	33.4	12.3	52.3
79	30.1	8.3	48.3





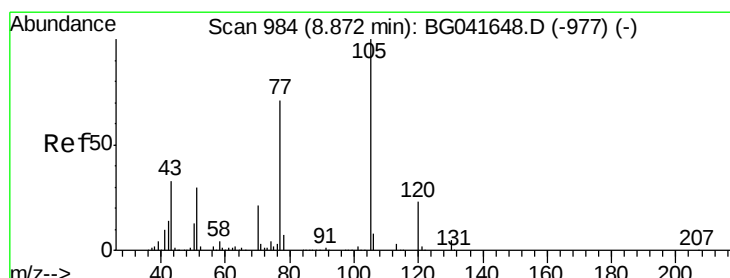
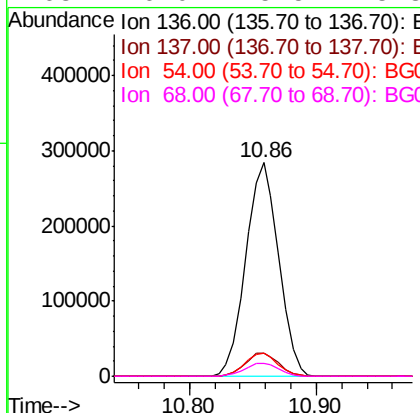
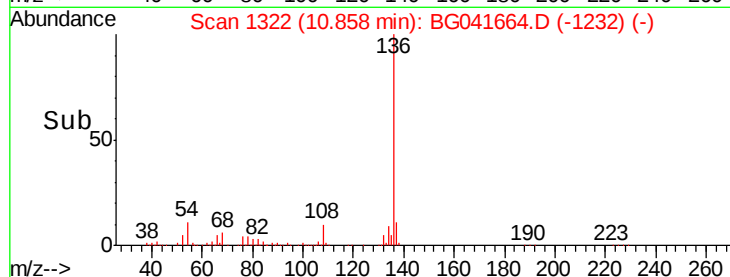
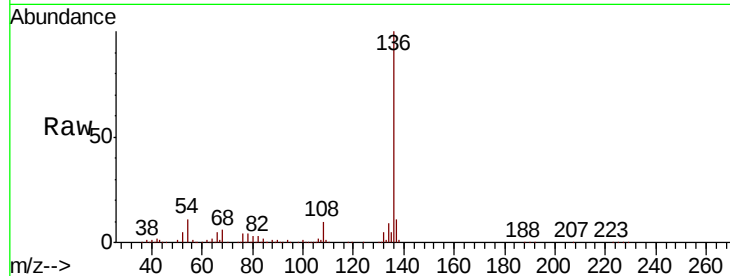
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.2	13.8	
54	11.0	8.7	13.1	
68	6.0	5.5	8.3	

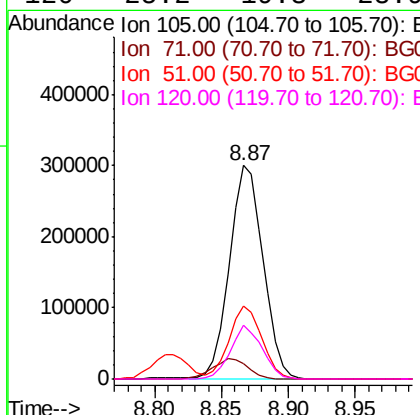
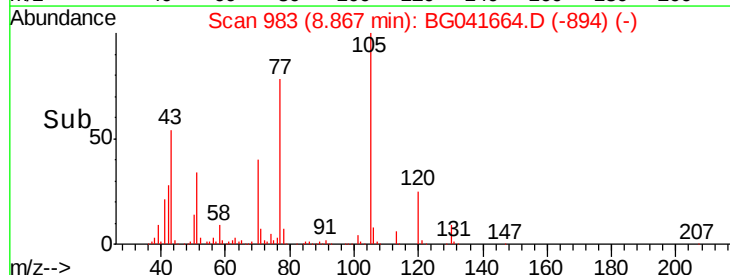
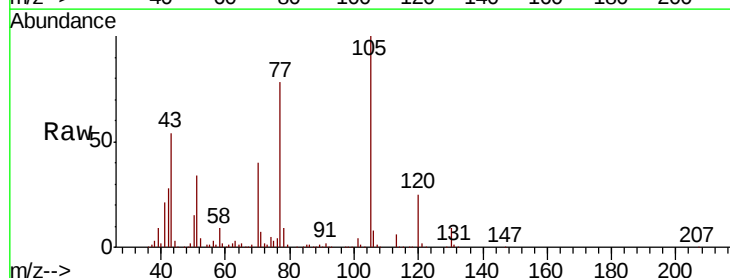
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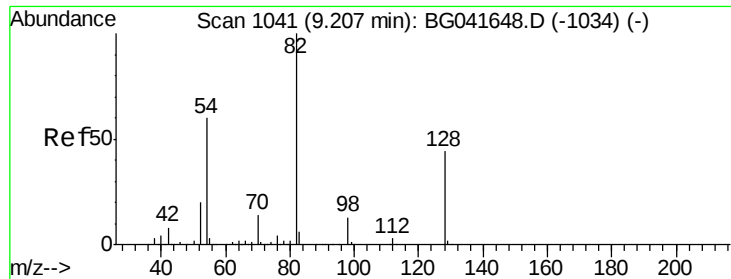
mohammad
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#22
Acetophenone
Concen: 42.420 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	5.9	8.9	
51	34.2	27.7	41.5	
120	25.2	19.3	28.9	





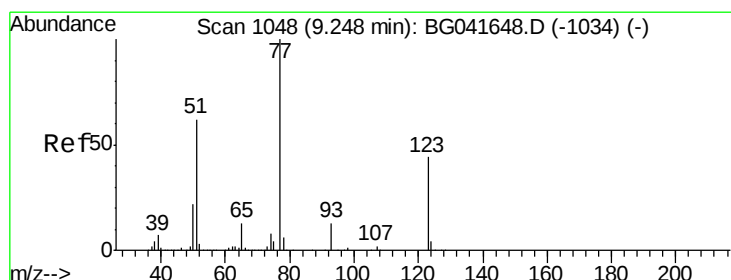
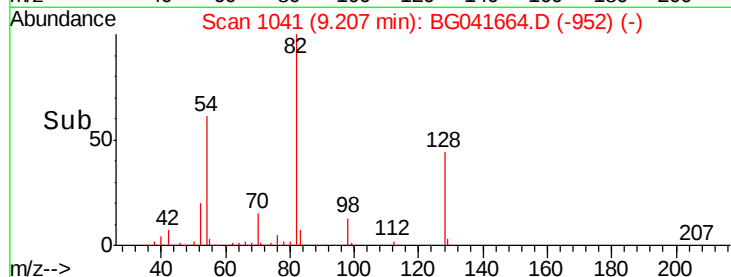
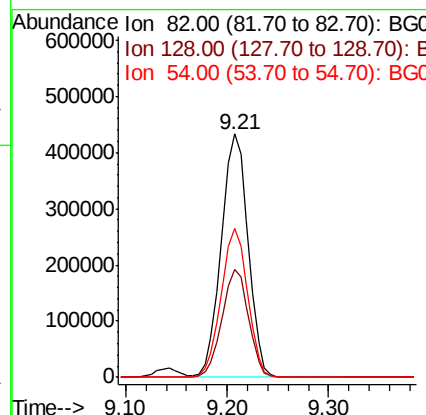
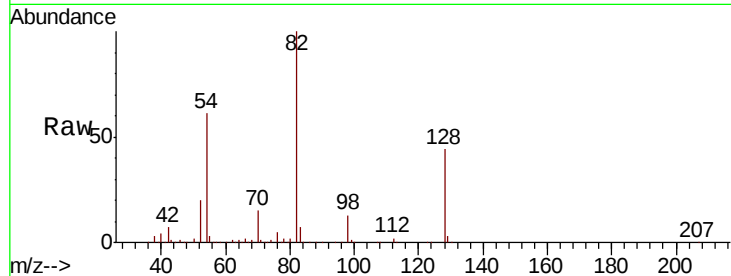
#23
 Nitrobenzene-d5
 Concen: 95.073 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-COMPMSSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	795559		
128	44.2	35.1	52.7	
54	61.2	48.7	73.1	

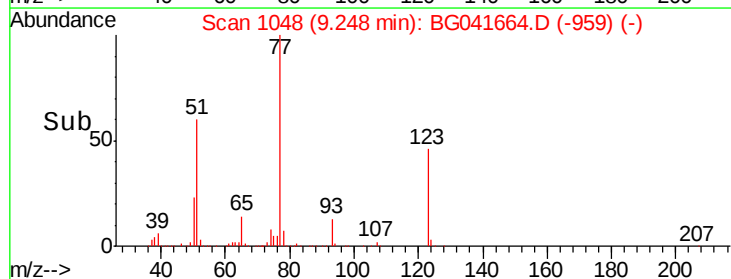
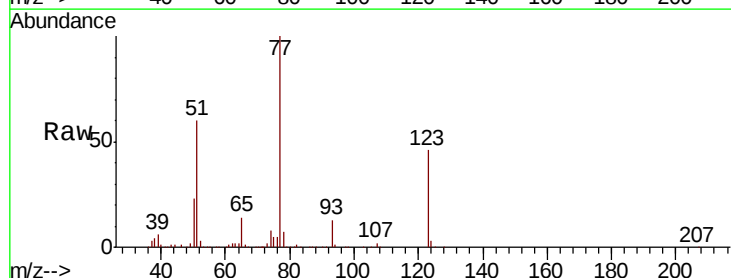
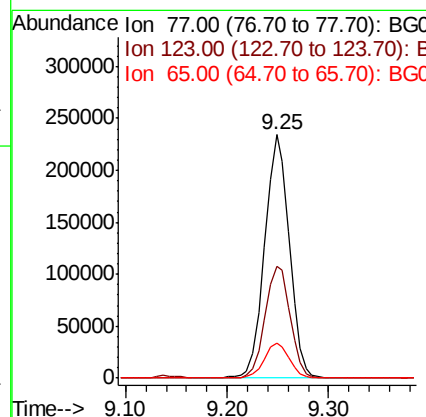
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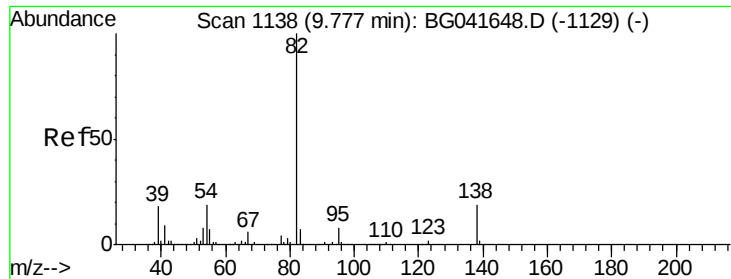
mohammad
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#24
 Nitrobenzene
 Concen: 43.166 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	394034		
123	45.7	38.1	57.1	
65	14.2	11.0	16.6	





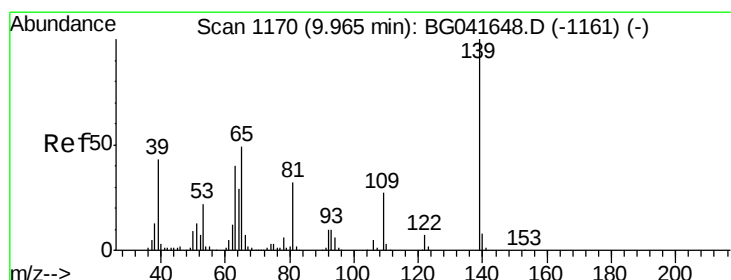
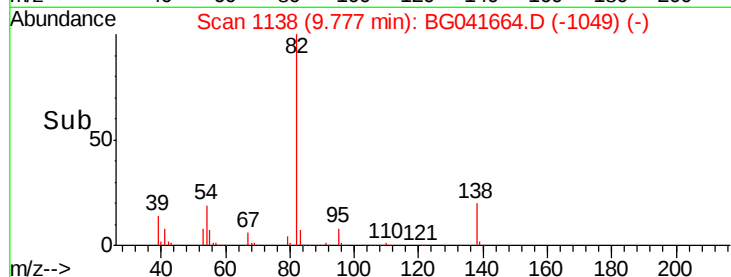
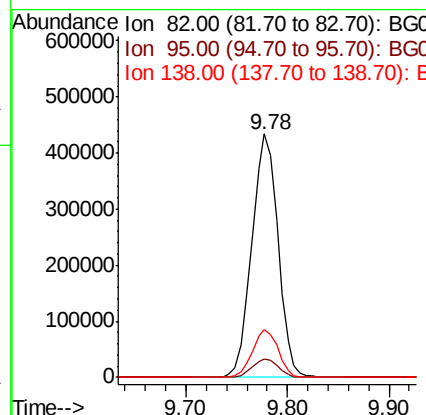
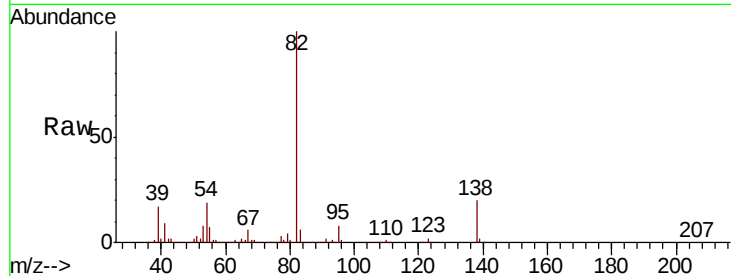
#25
Isophorone
Concen: 42.477 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	778324		
95	7.7		5.9	8.9
138	19.7		16.3	24.5

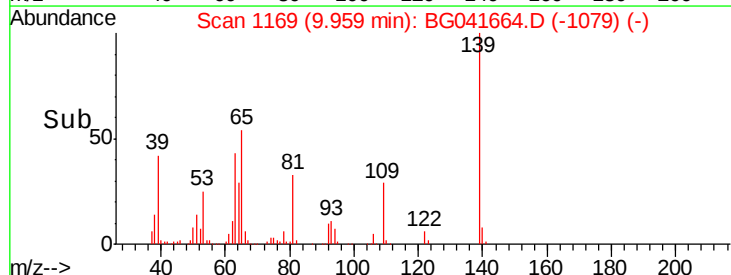
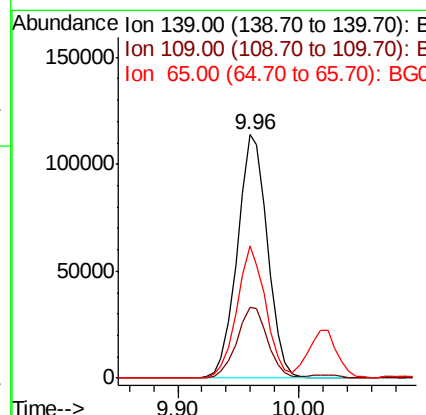
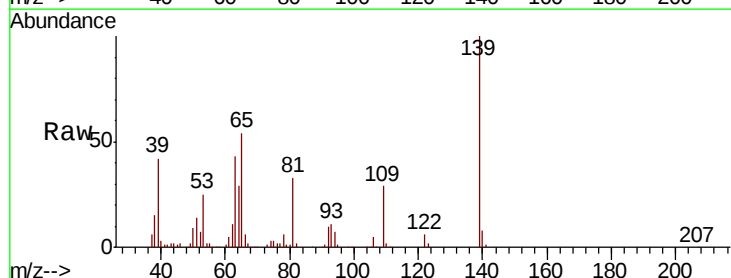
Manual Integrations
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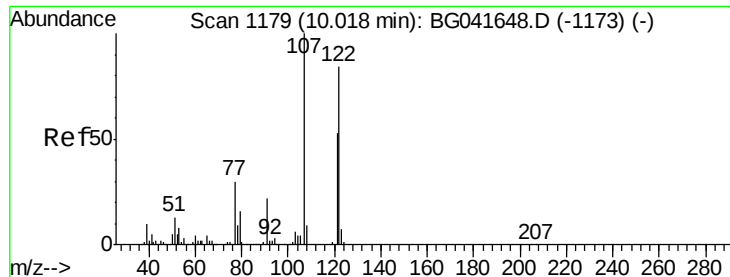
mohammad
7/17/2019 12:04:55 PM



#26
2-Nitrophenol
Concen: 47.345 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197968		
109	29.2		22.7	34.1
65	54.3		41.1	61.7





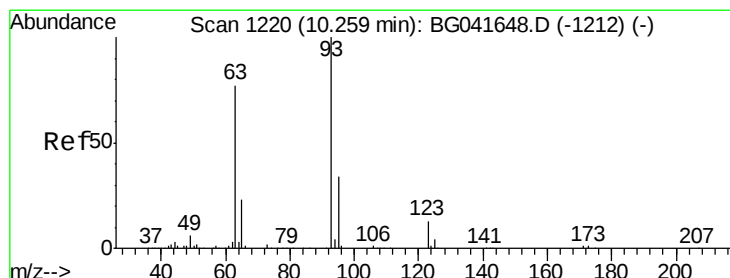
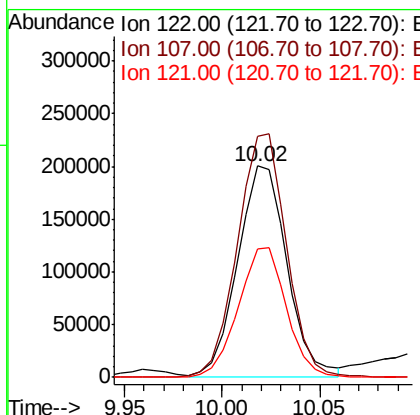
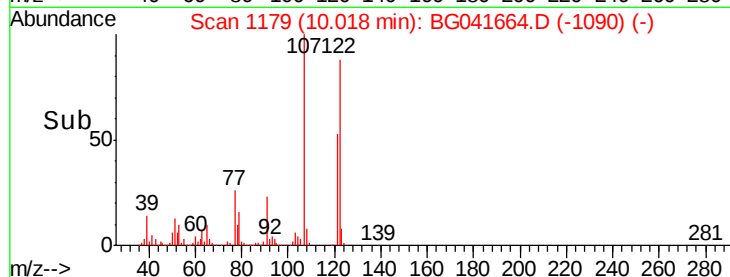
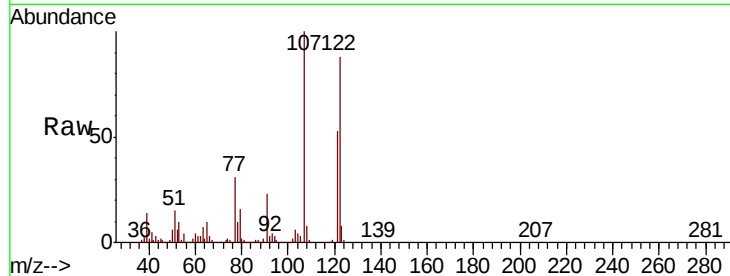
#27
2,4-Dimethylphenol
Concen: 48.485 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.3	136.9
121	60.9	49.2	73.8

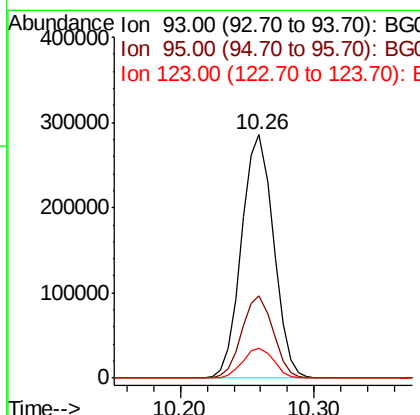
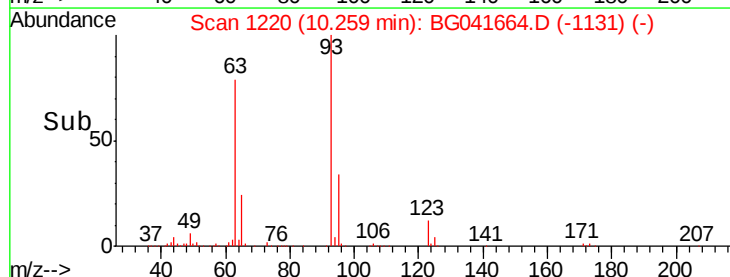
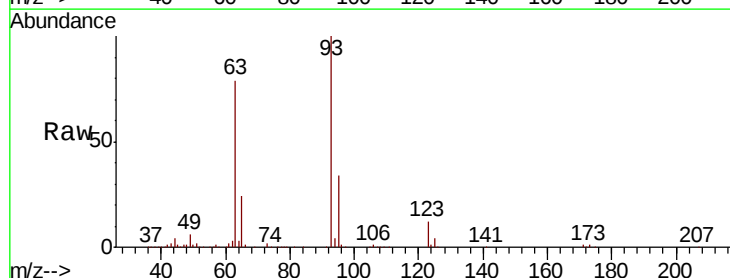
Manual Integrations
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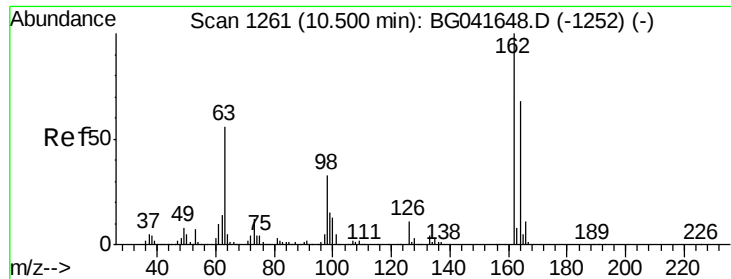
mohammad
7/17/2019 12:04:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.990 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.4
123	12.2	9.9	14.9





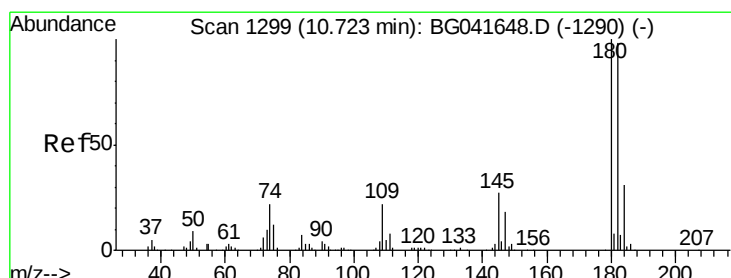
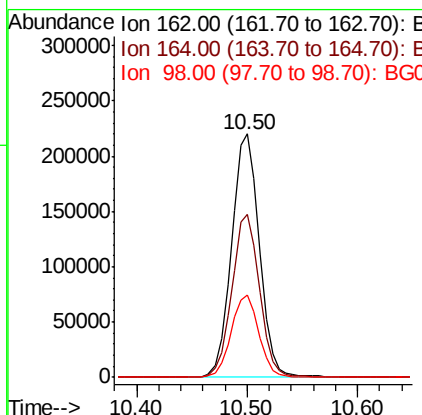
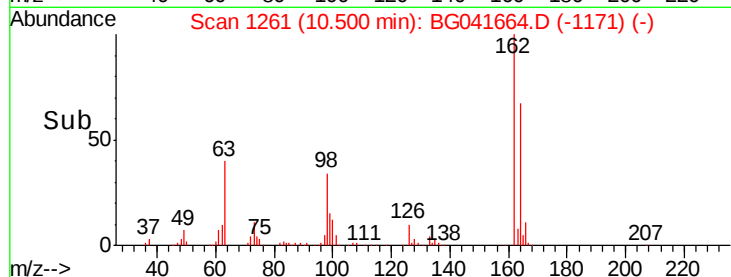
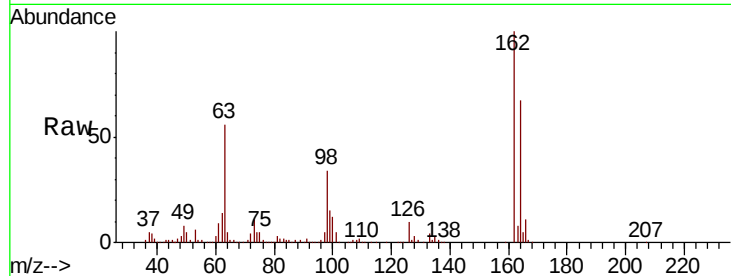
#29
2,4-Dichlorophenol
Concen: 46.836 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387135		
164	67.1	46.1	86.1	
98	33.7	14.7	54.7	

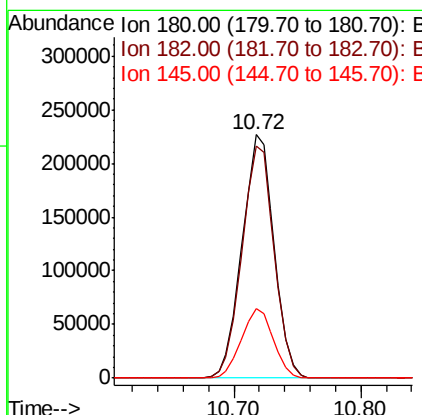
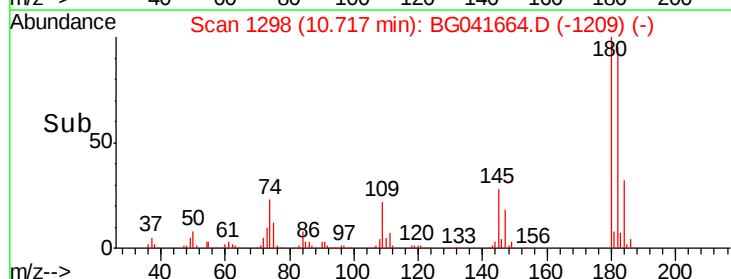
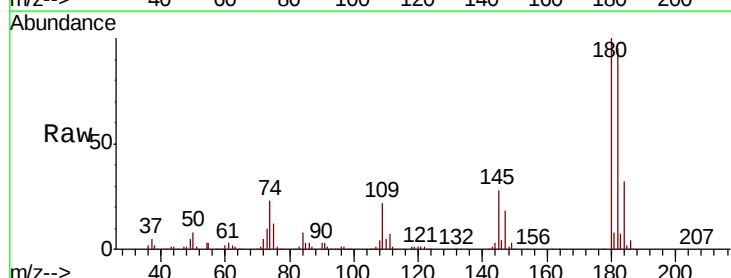
Manual Integrations
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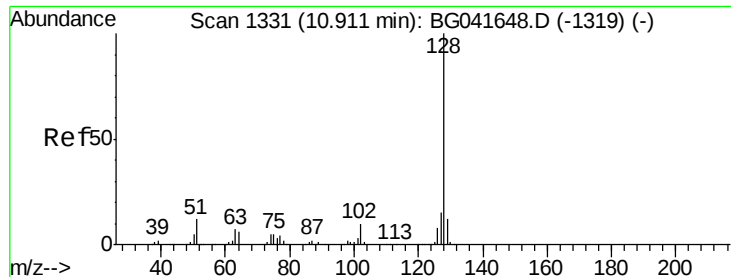
mohammad
7/17/2019 12:04:55 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.764 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	395629		
182	95.1	76.2	114.2	
145	28.4	23.8	35.8	





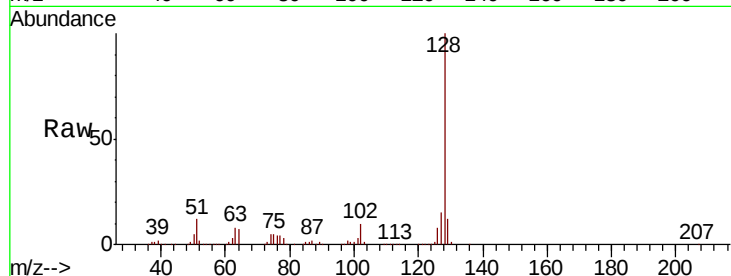
#31
Naphthalene
Concen: 41.929 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.0	15.0
127	14.8	12.3	18.5

Manual Integrations
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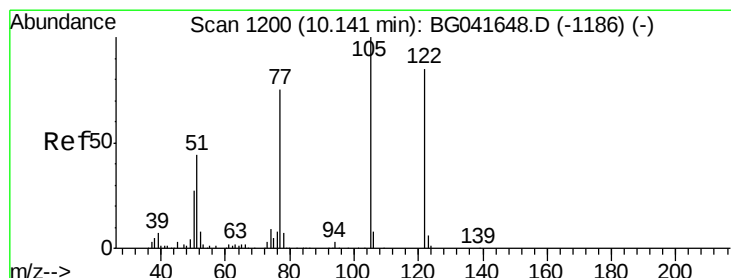
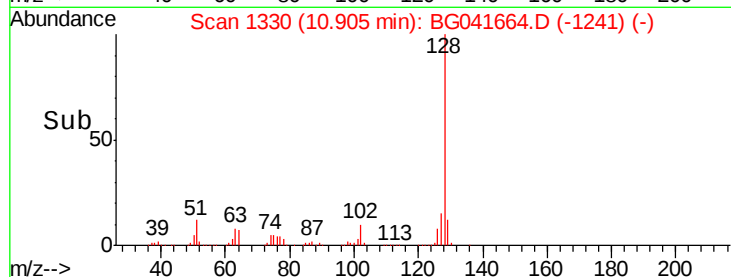
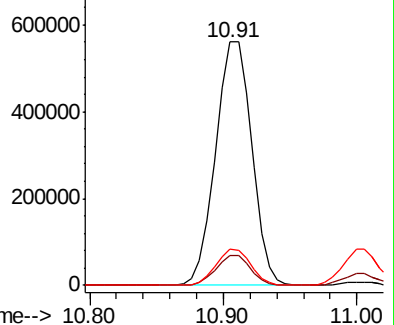


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 14.711 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

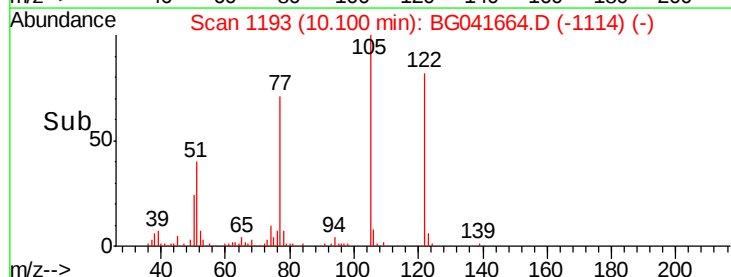
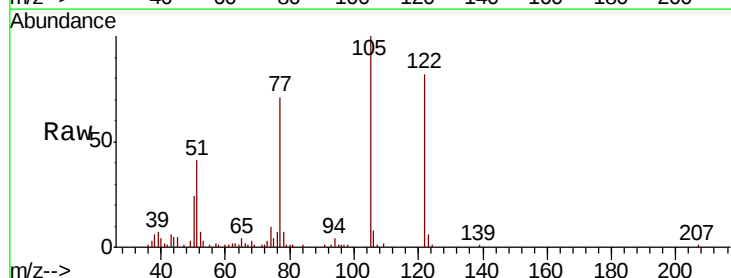
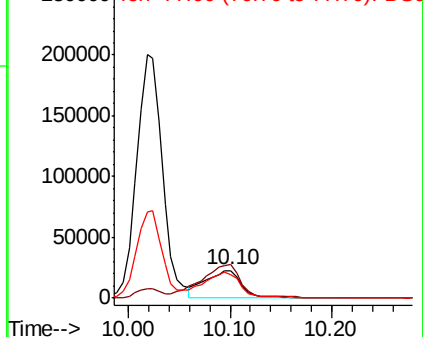
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	101.5	141.5
77	86.3	73.0	113.0

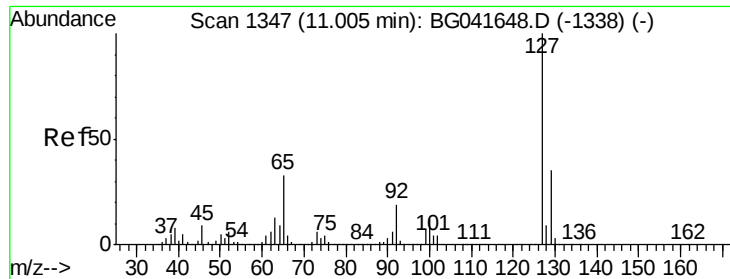
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





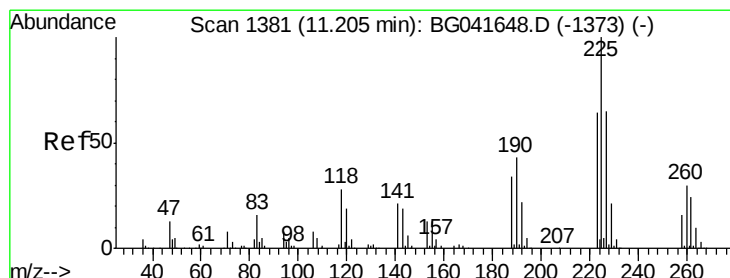
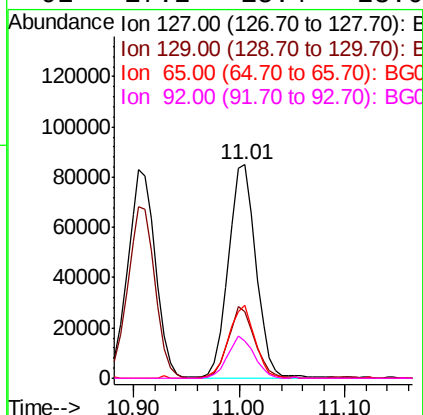
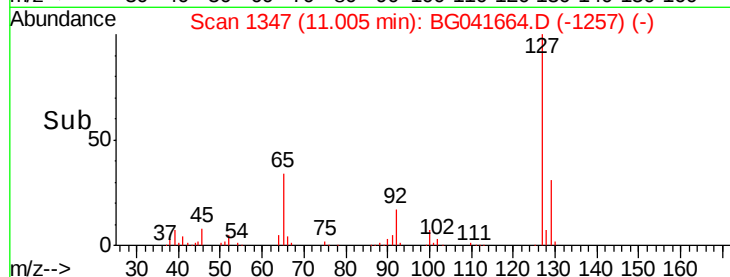
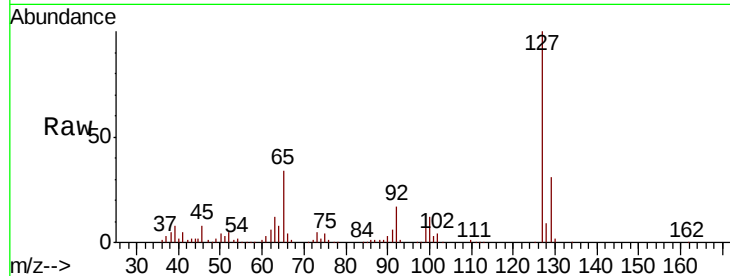
#33
4-Chloroaniline
Concen: 13.213 ng
RT: 11.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	34.2	26.7	40.1
92	17.2	15.4	23.0

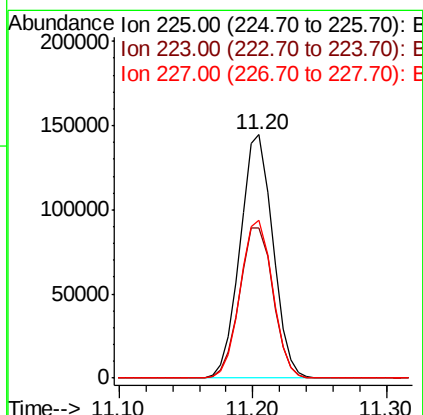
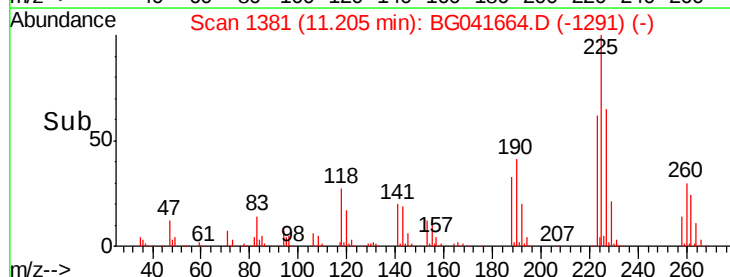
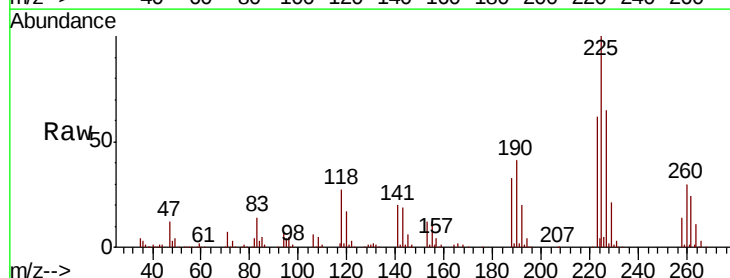
Manual Integrations
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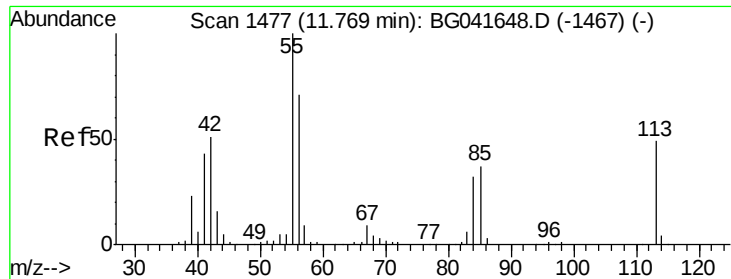
mohammad
7/17/2019 12:04:55 PM



#34
Hexachlorobutadiene
Concen: 39.245 ng
RT: 11.20 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	64.9	50.9	76.3





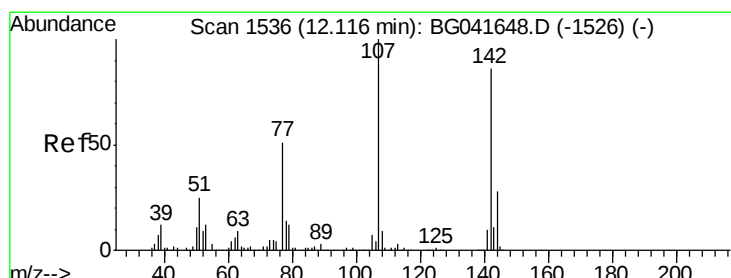
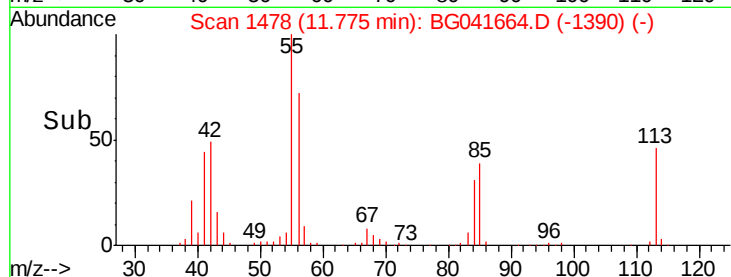
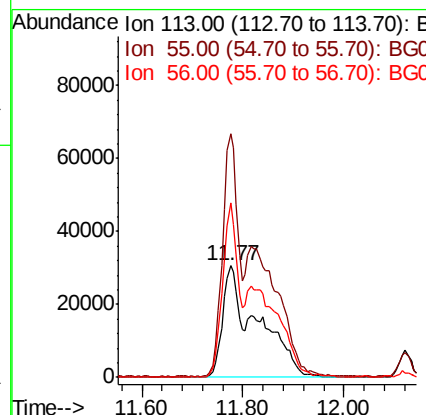
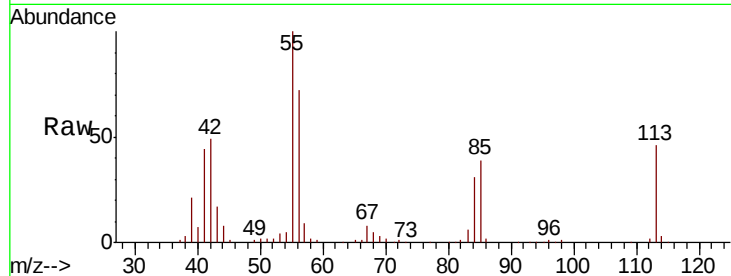
#35
Caprolactam
Concen: 47.869 ng/ml
RT: 11.77 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleID :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	218.4	199.4	239.4
56	156.8	133.6	173.6

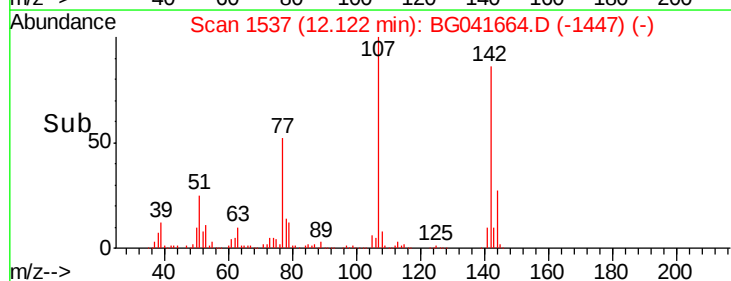
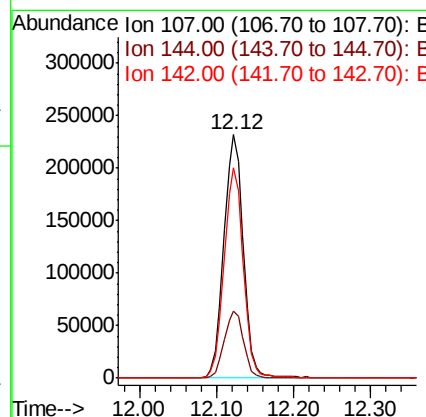
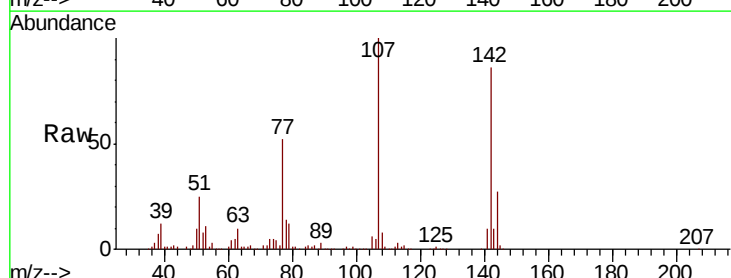
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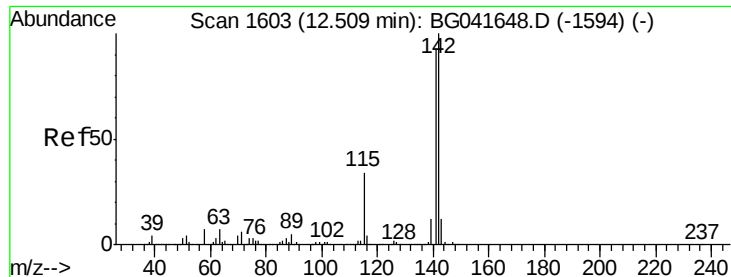
mohammad
7/17/2019 12:04:55 PM



#36
4-Chloro-3-methylphenol
Concen: 46.845 ng/ml
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.2	33.2
142	86.5	67.3	100.9





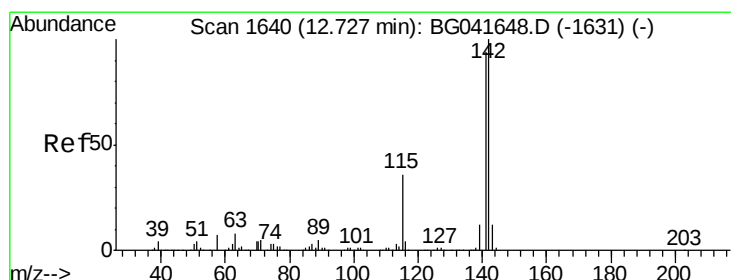
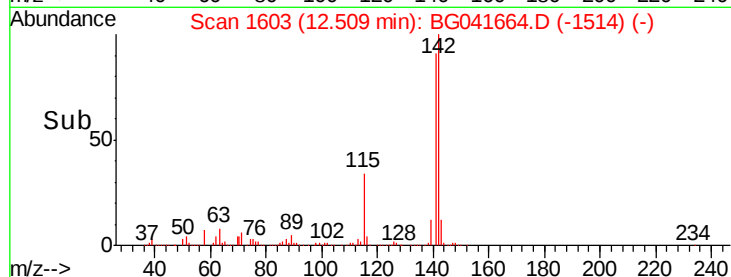
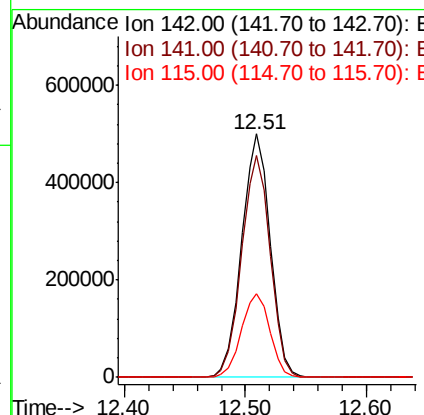
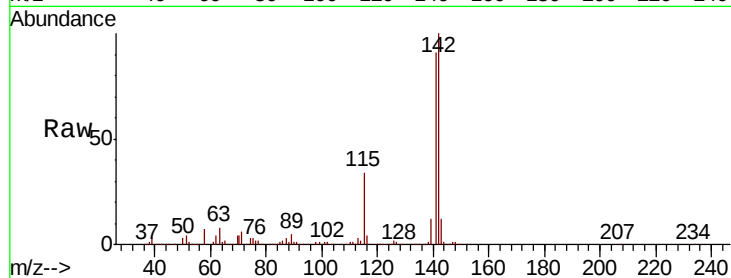
#37
2-Methylnaphthalene
Concen: 42.996 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.7	109.1
115	34.4	27.0	40.4

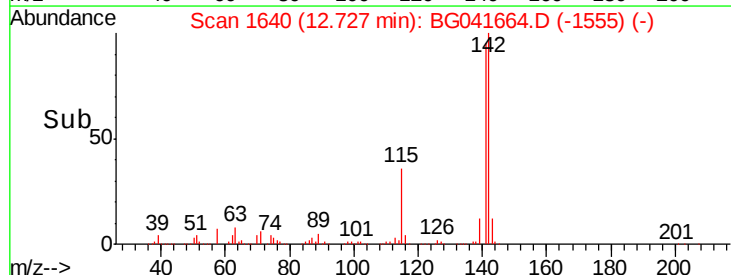
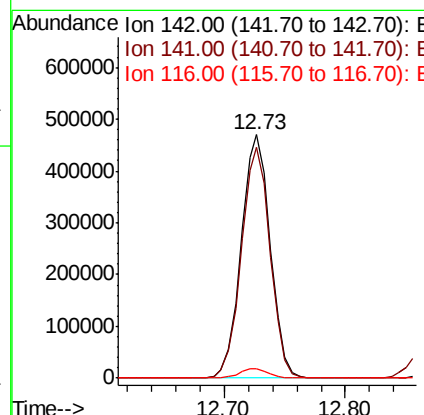
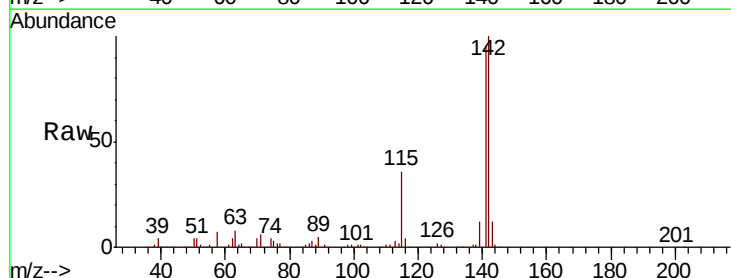
Manual Integrations
APPROVED

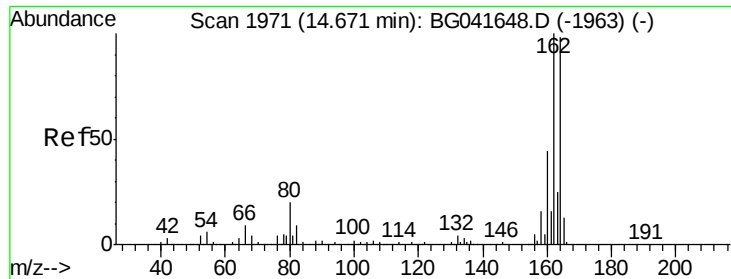
mohammad
7/17/2019 12:04:55 PM



#38
1-Methylnaphthalene
Concen: 42.865 ng
RT: 12.73 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.4	113.2
116	4.0	3.2	4.8





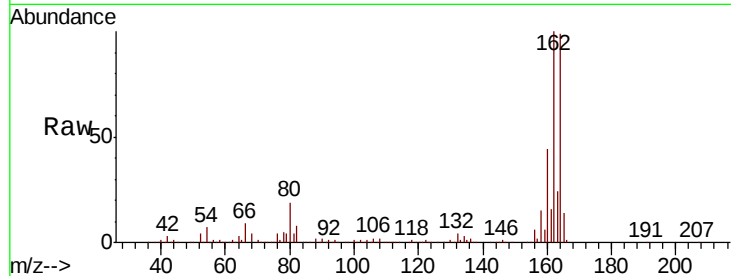
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	44.3	35.4	53.0

Manual Integrations
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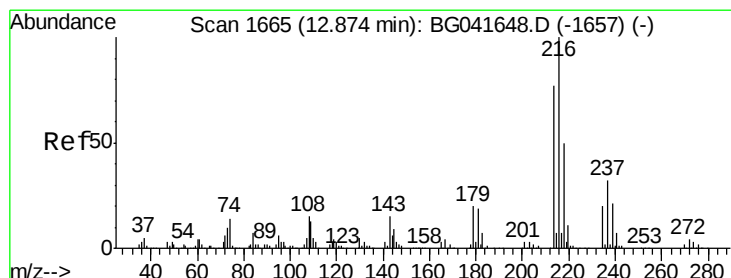
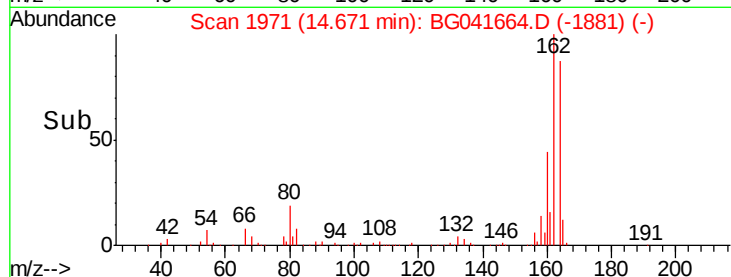
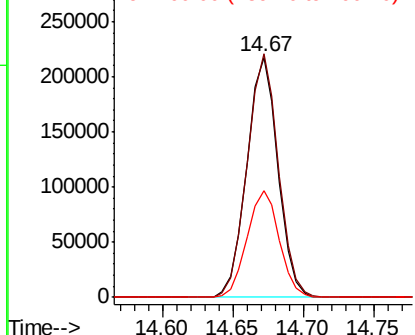


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.436 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.5	92.3
179	20.2	16.2	24.2
108	17.6	13.2	19.8

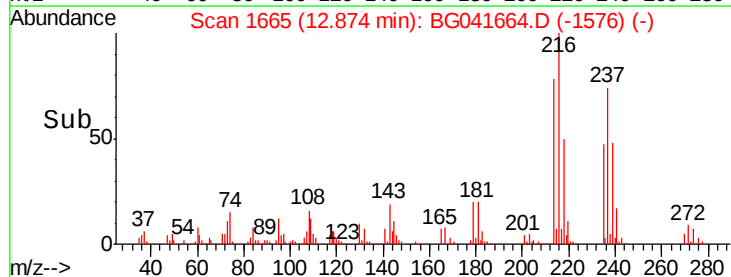
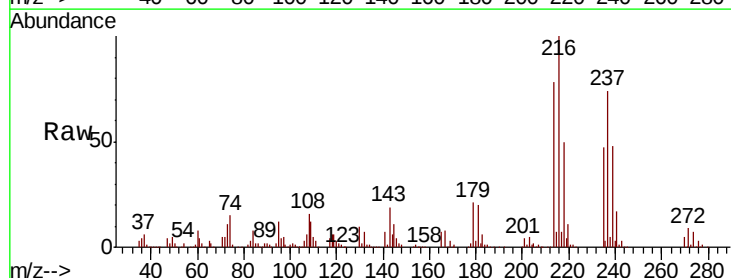
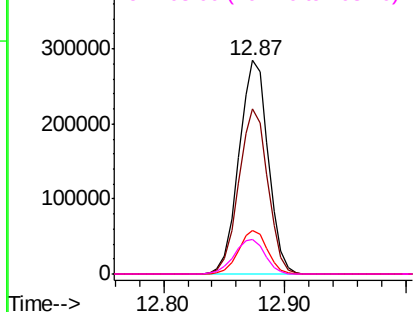
Abundance

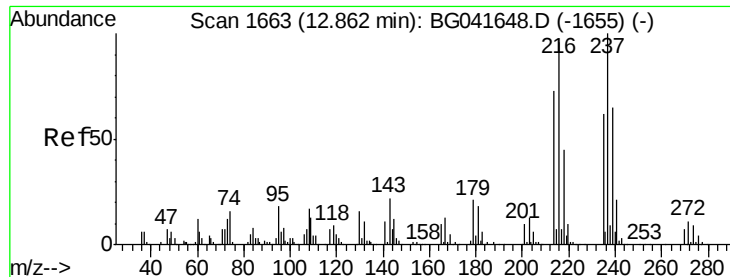
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.074 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

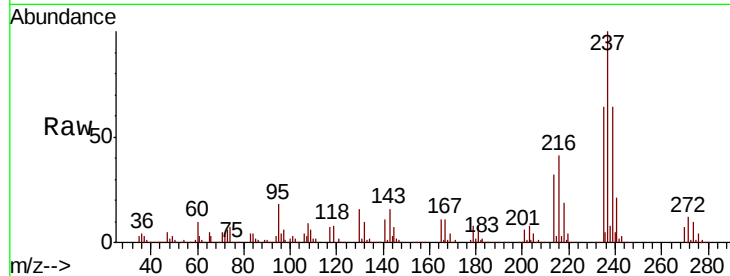
ClientSampleId :

STOCKPILE-COMPMSSD

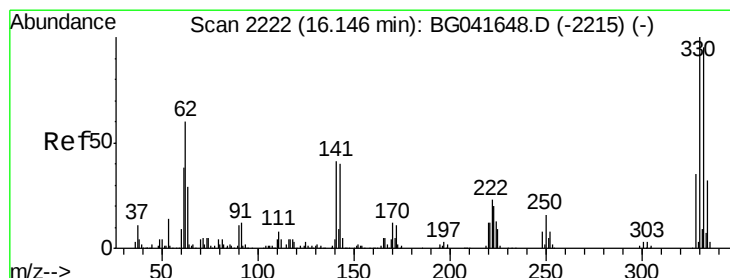
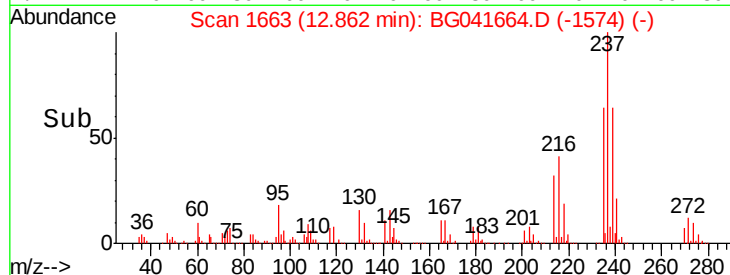
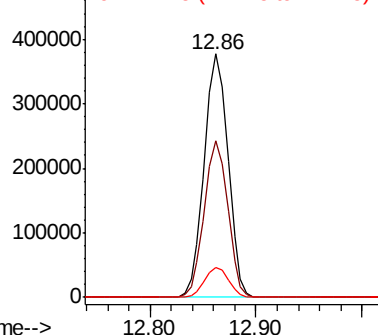
Tot Ion:	237	Resp:	586689
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.5	83.5
272	12.5	0.0	31.2

Manual Integrations
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7/17/2019 12:04:55 PM



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: 137.741 ng

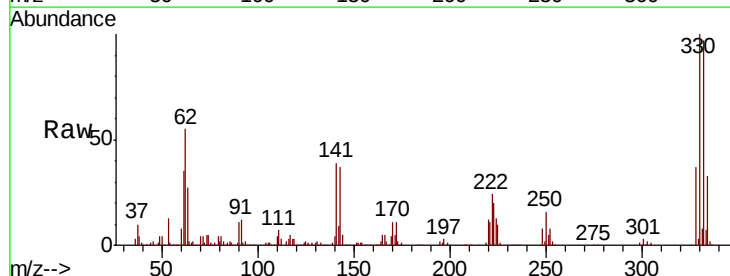
RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

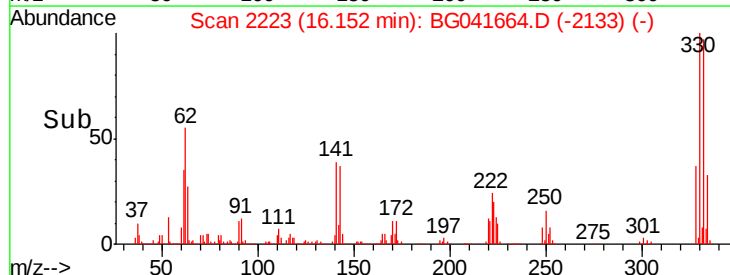
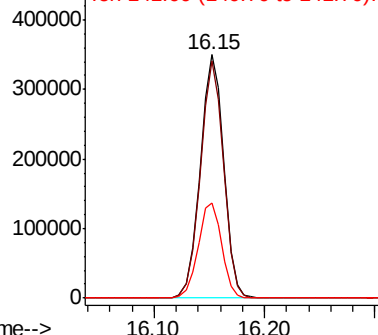
Lab File: BG041664.D

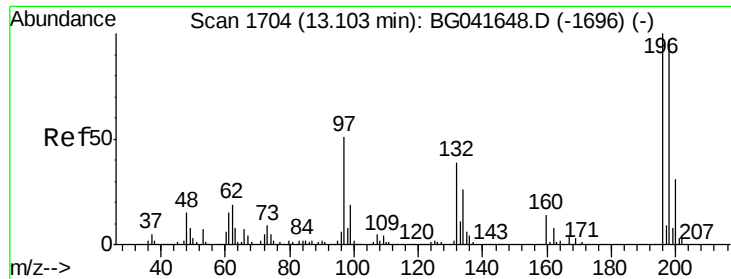
Acq: 16 Jul 2019 12:30

Tgt Ion:	330	Resp:	521809
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.0
141	39.3	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





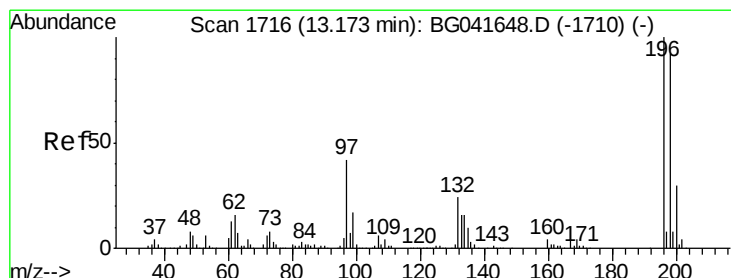
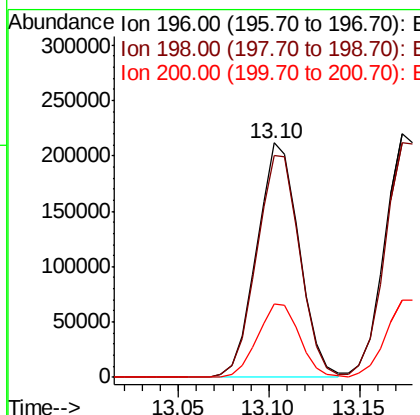
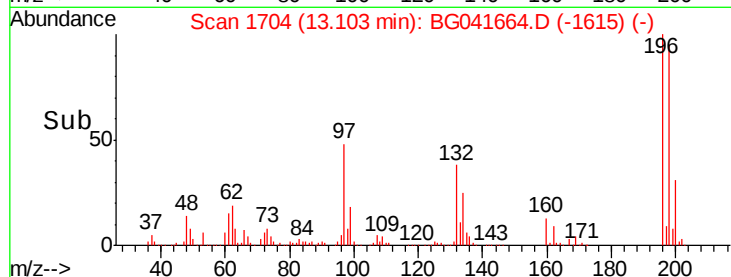
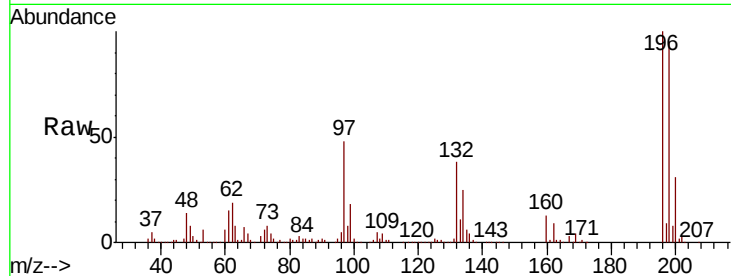
#43
 2,4,6-Trichlorophenol
 Concen: 45.906 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-COMPMSSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.6	119.4
200	31.1	25.2	37.8

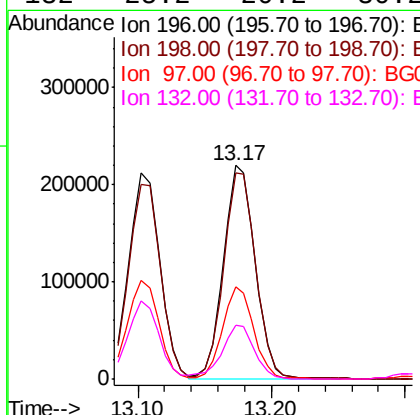
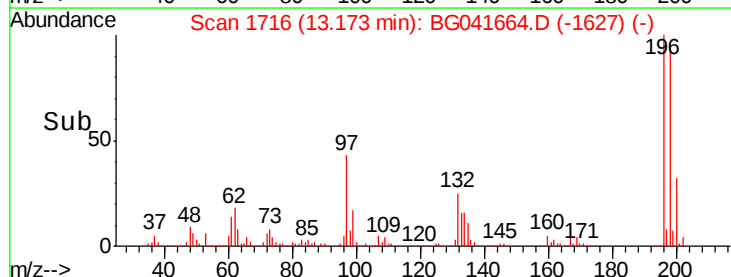
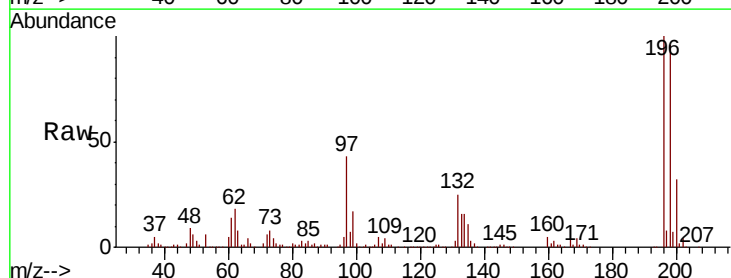
Manual Integrations
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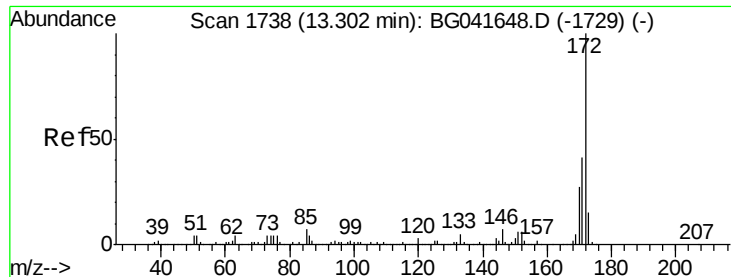
mohammad
 7/17/2019 12:04:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.402 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	80.6	121.0
97	43.3	33.9	50.9
132	25.2	20.2	30.2





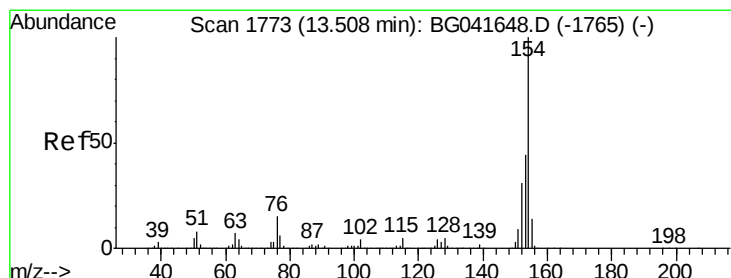
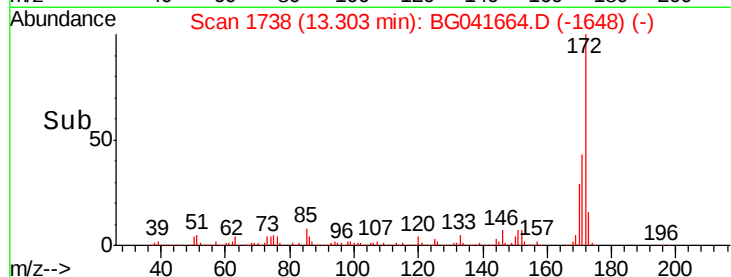
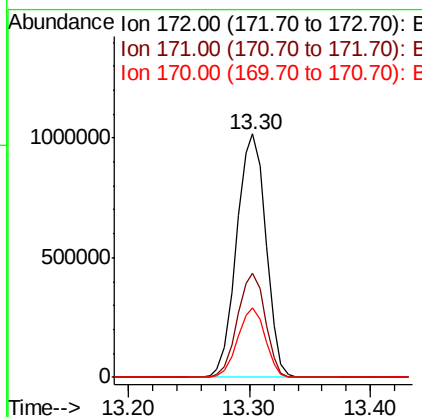
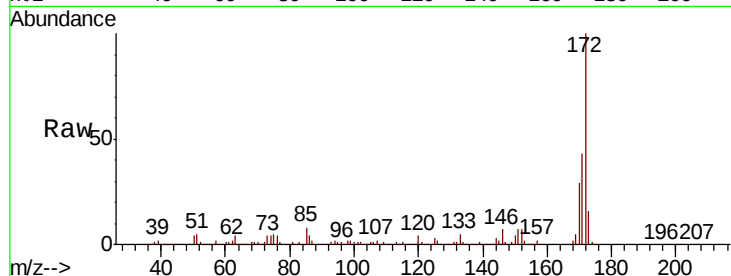
#45
2-Fluorobiphenyl
Concen: 79.062 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion:172 Resp: 1716274
Ion Ratio Lower Upper
172 100
171 42.9 35.0 52.4
170 28.8 23.5 35.3

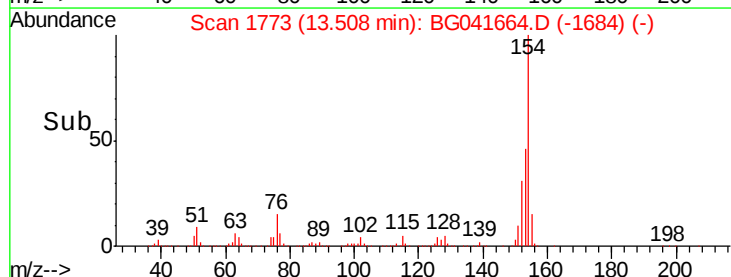
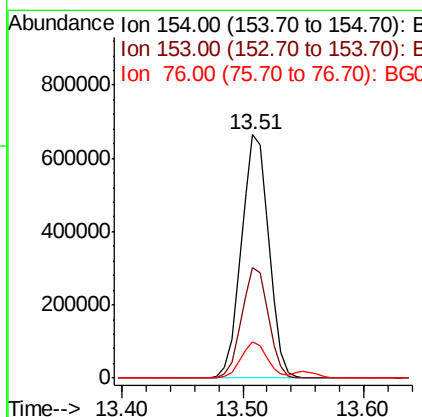
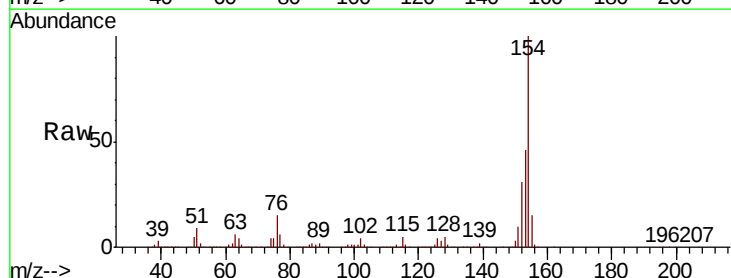
Manual Integrations
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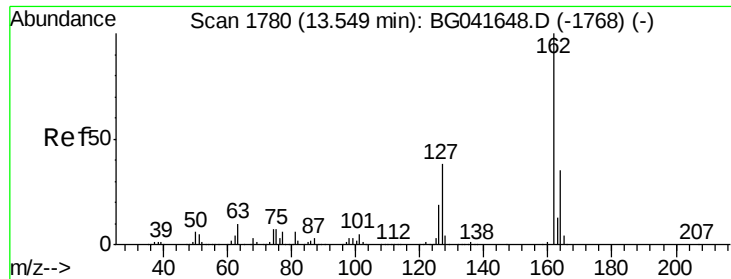
mohammad
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#46
1,1'-Biphenyl
Concen: 41.703 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:154 Resp: 1050240
Ion Ratio Lower Upper
154 100
153 45.6 25.0 65.0
76 15.0 0.0 34.5





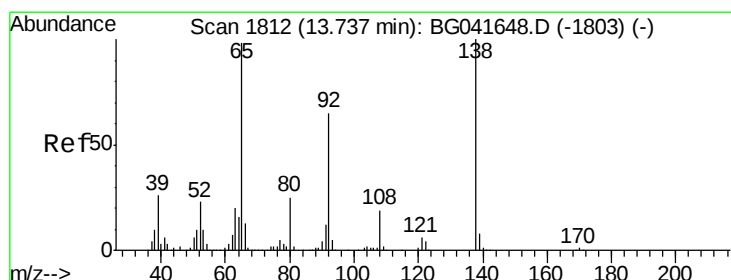
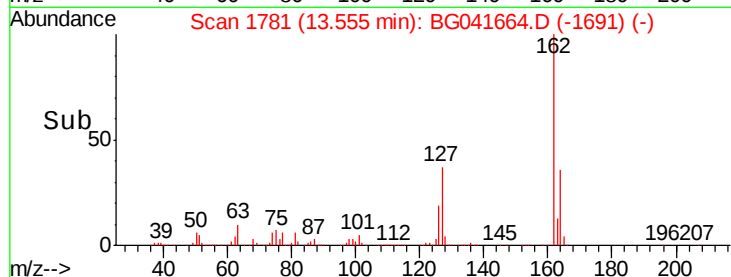
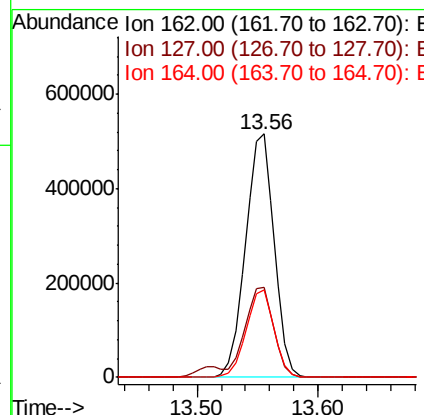
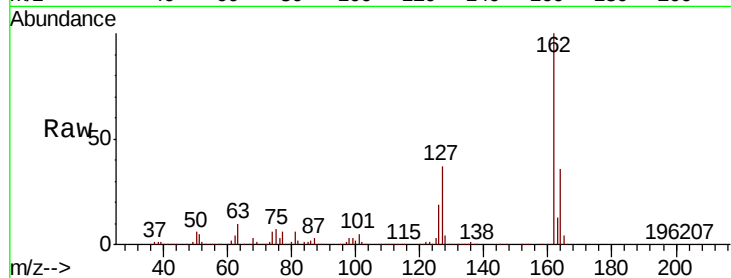
#47
2-Chloronaphthalene
Concen: 40.534 ng
RT: 13.56 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.4	45.6
164	36.0	28.6	42.8

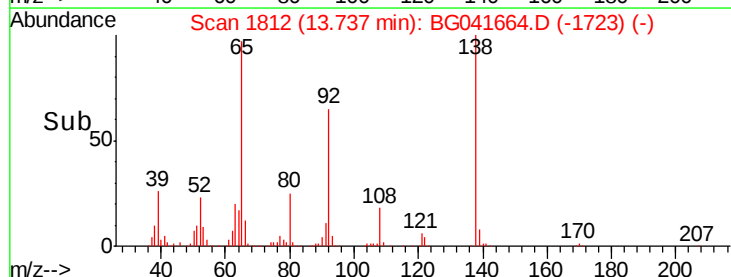
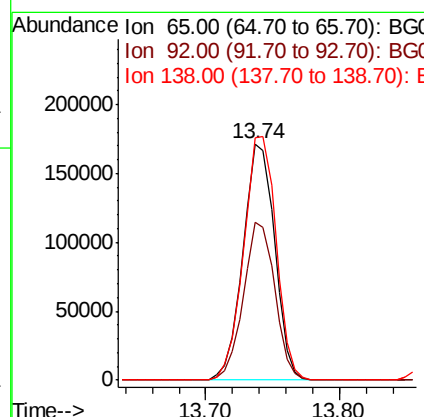
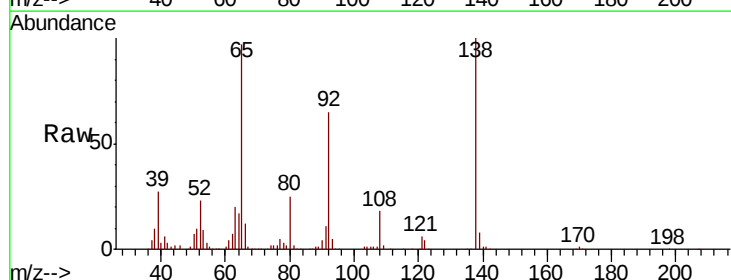
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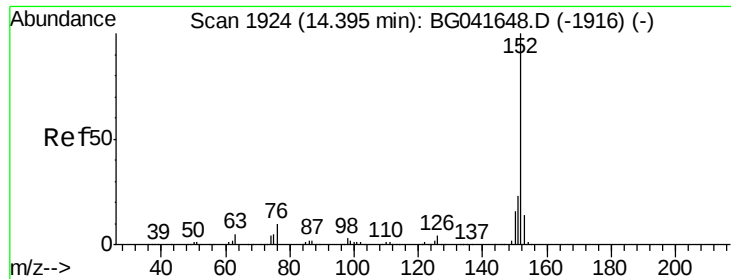
mohammad
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#48
2-Nitroaniline
Concen: 46.080 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.9	80.9
138	102.7	83.5	125.3





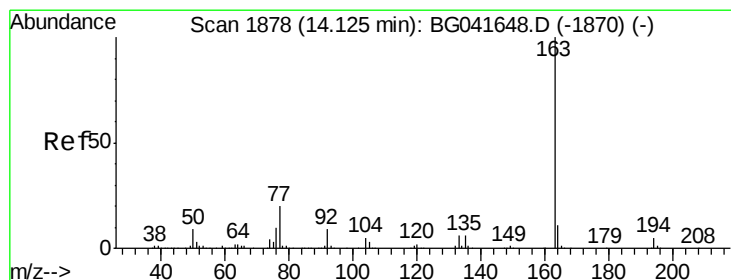
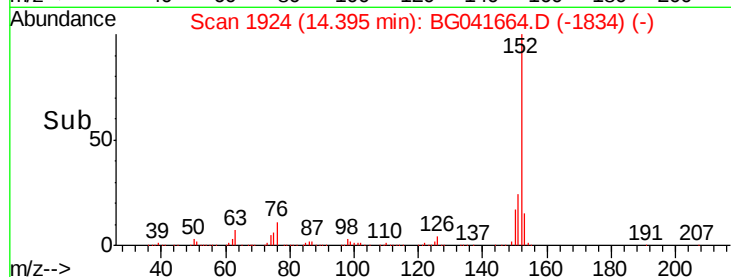
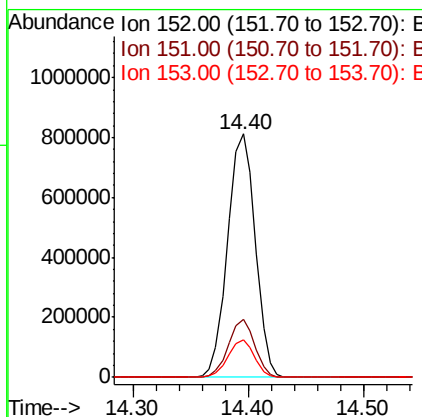
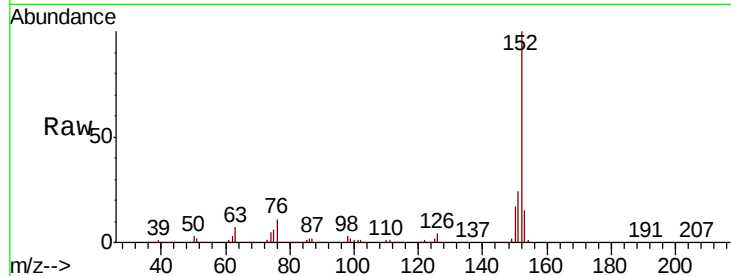
#49
Acenaphthylene
Concen: 41.111 ng
RT: 14.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSSD

Tot Ion:152 Resp: 1347013
Ion Ratio Lower Upper
152 100
151 23.8 18.7 28.1
153 15.2 12.4 18.6

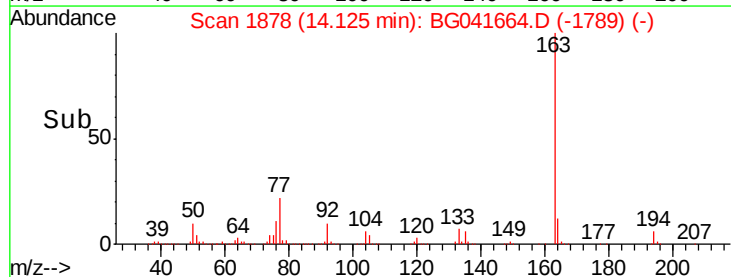
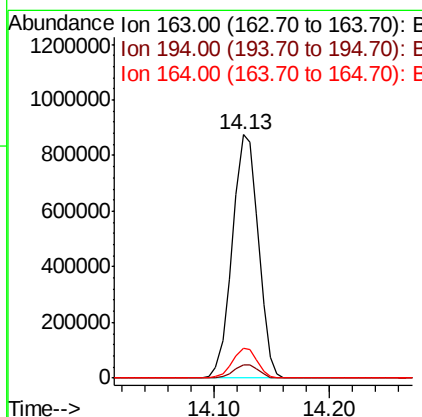
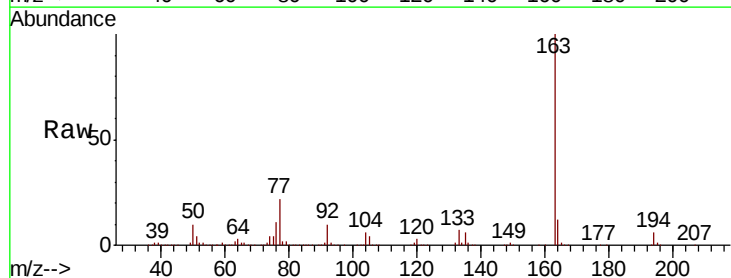
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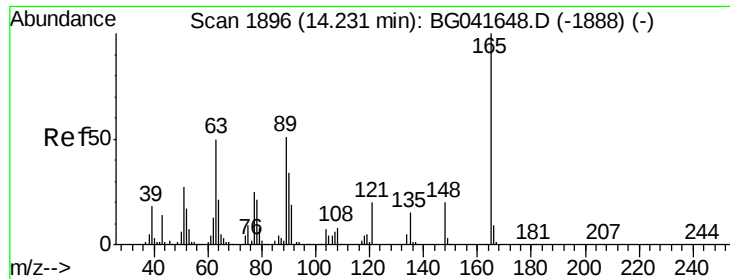
mohammad
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#50
Dimethylphthalate
Concen: 51.615 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:163 Resp: 1362676
Ion Ratio Lower Upper
163 100
194 5.5 4.2 6.2
164 12.3 9.4 14.2





#51

2,6-Dinitrotoluene

Concen: 46.790 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

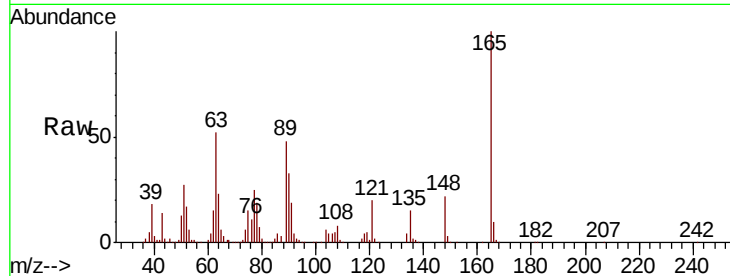
STOCKPILE-COMPMSD

Tot Ion:165 Resp: 262017
Ion Ratio Lower Upper

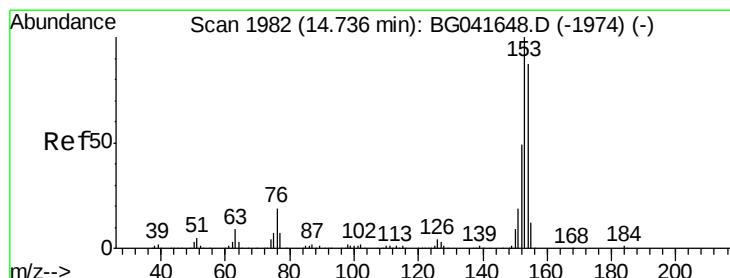
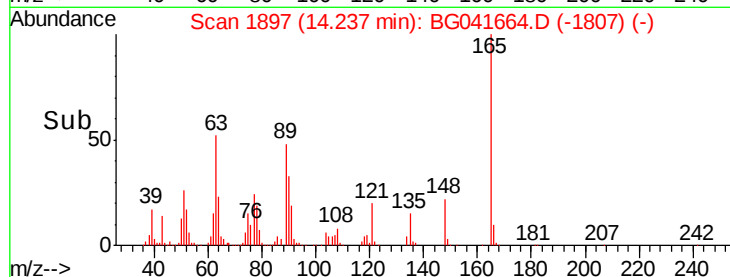
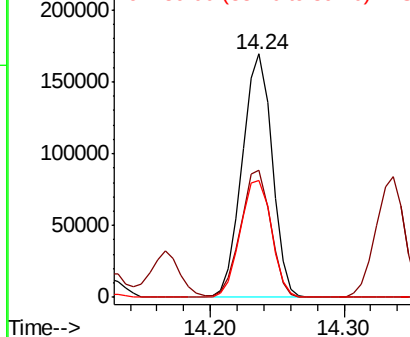
165	100		
63	52.1	42.4	63.6
89	48.0	42.1	63.1

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



#52

Acenaphthene

Concen: 42.167 ng

RT: 14.74 min Scan# 1982

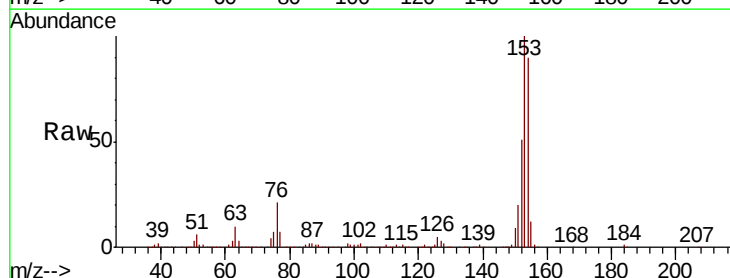
Delta R.T. 0.00 min

Lab File: BG041664.D

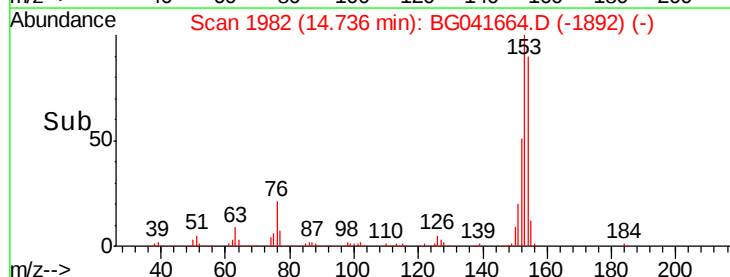
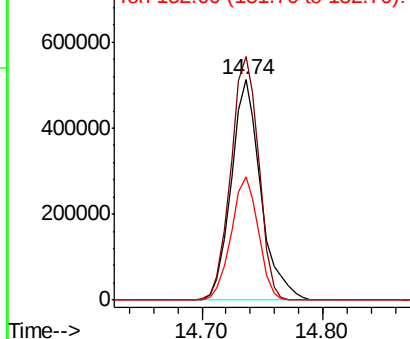
Acq: 16 Jul 2019 12:30

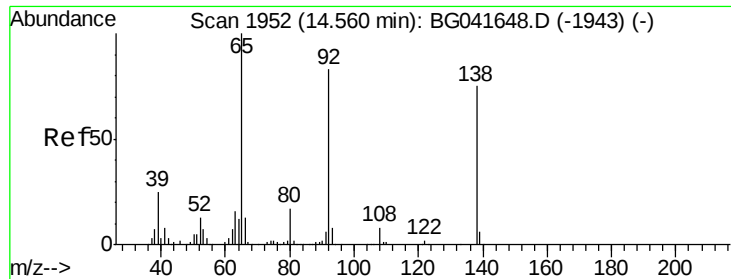
Tgt Ion:154 Resp: 870673
Ion Ratio Lower Upper

154	100		
153	110.6	89.8	134.6
152	55.9	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





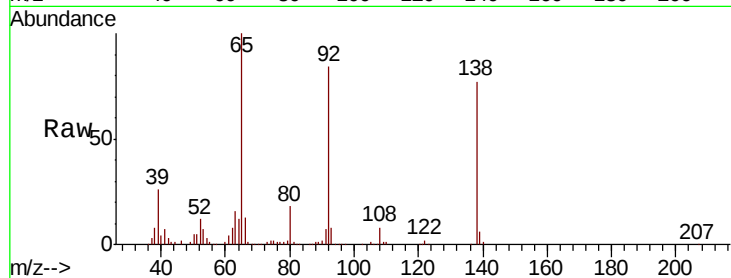
#53
3-Nitroaniline
Concen: 24.964 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

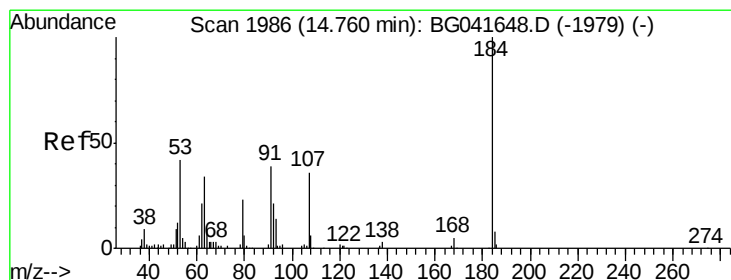
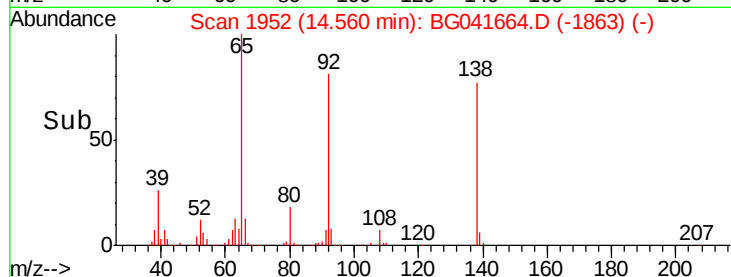
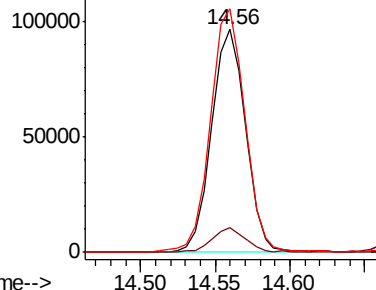
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	10.3	15.5
92	109.3	93.0	139.4

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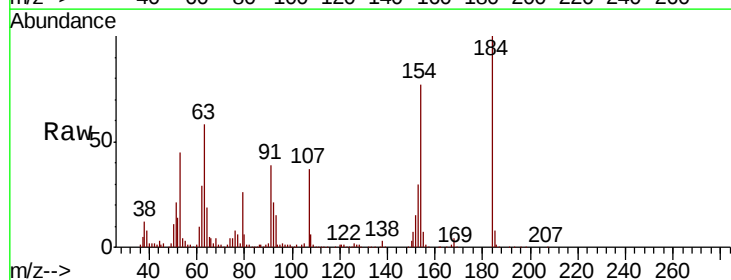


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

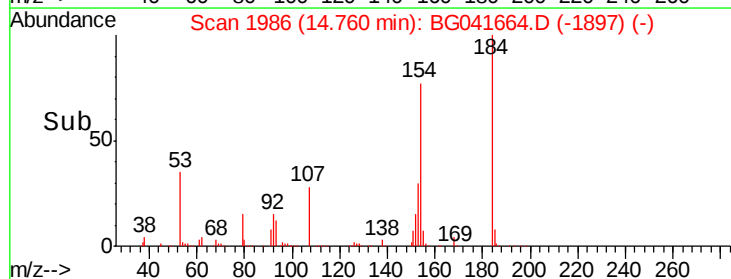
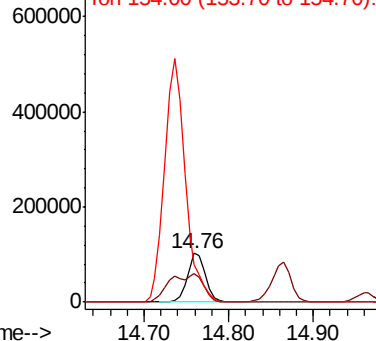


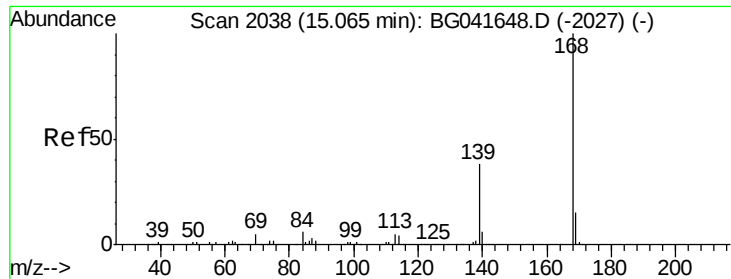
#54
2,4-Dinitrophenol
Concen: 57.260 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.0	43.2	64.8
154	76.6	51.4	77.2



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





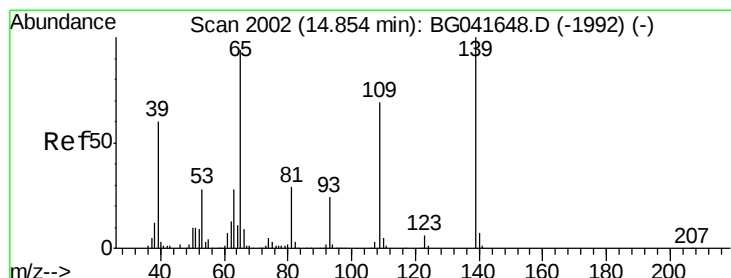
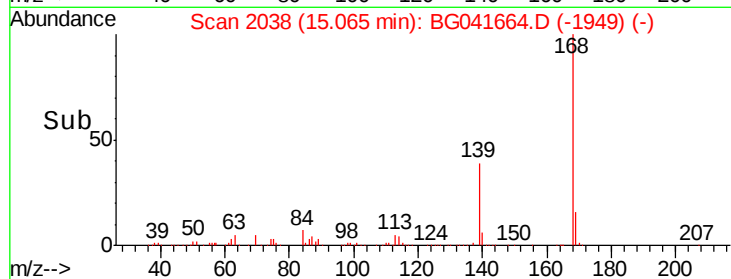
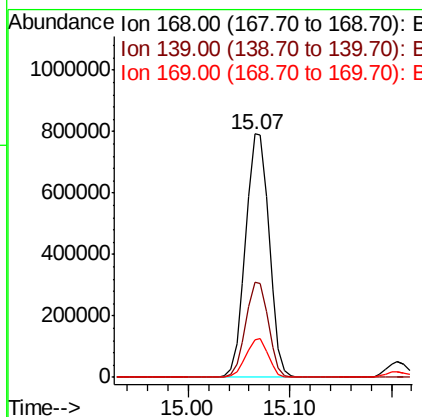
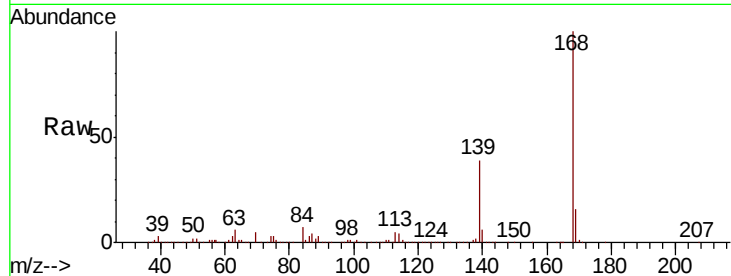
#55
Dibenzenofuran
Concen: 41.198 ng
RT: 15.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.9	47.9
169	15.7	12.5	18.7

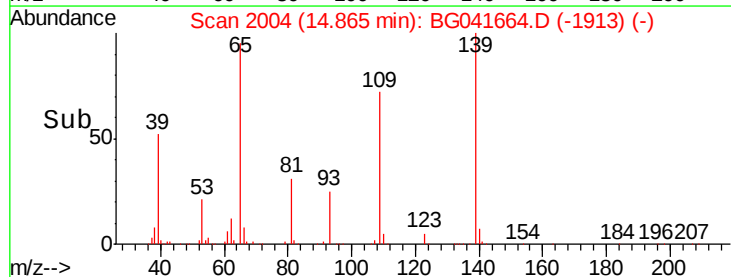
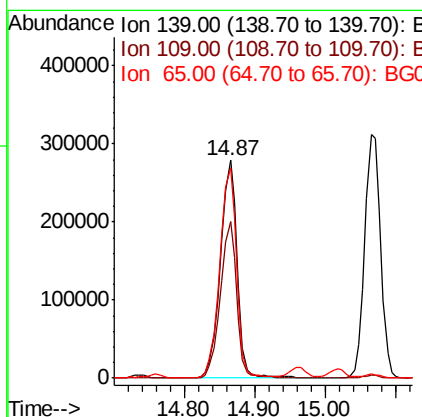
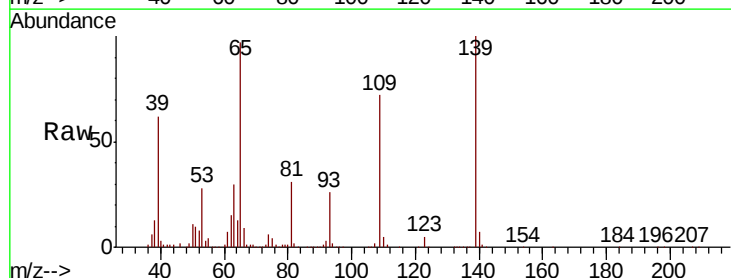
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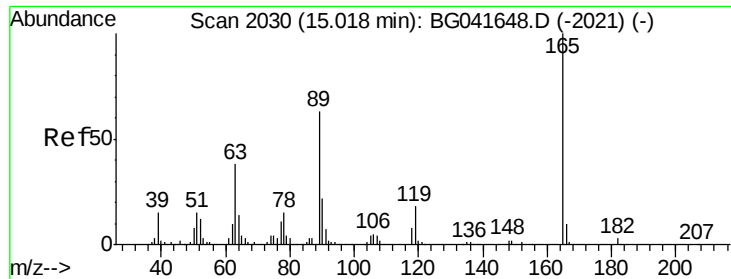
mohammad
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#56
4-Nitrophenol
Concen: 92.915 ng
RT: 14.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.0	51.3	91.3
65	96.5	77.6	117.6





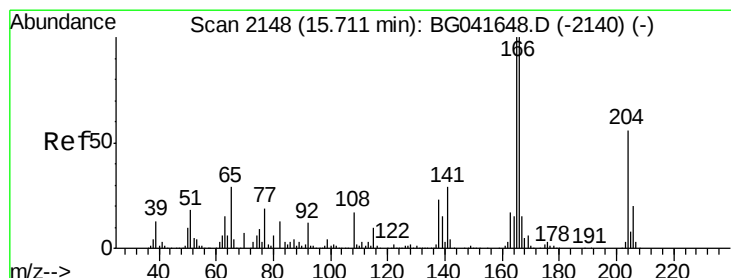
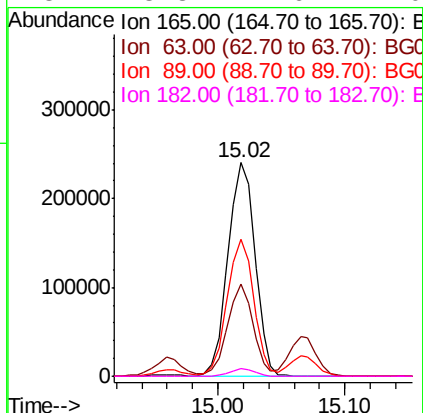
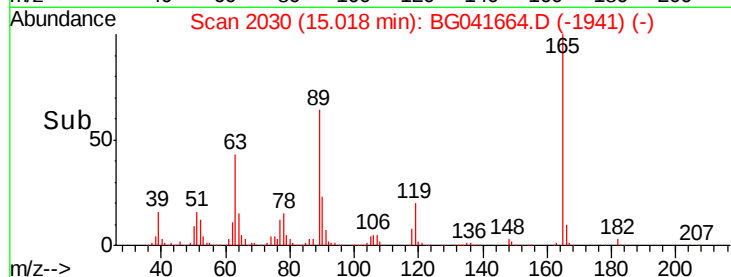
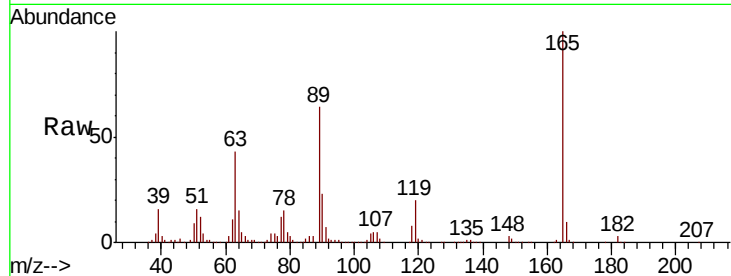
#57
2,4-Dinitrotoluene
Concen: 48.024 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	355492		
63	43.1		31.7	47.5
89	64.3		50.2	75.4
182	3.3		2.6	4.0

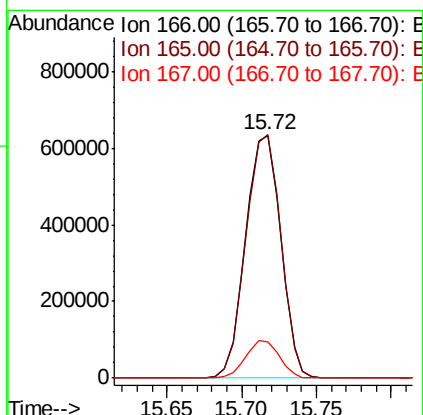
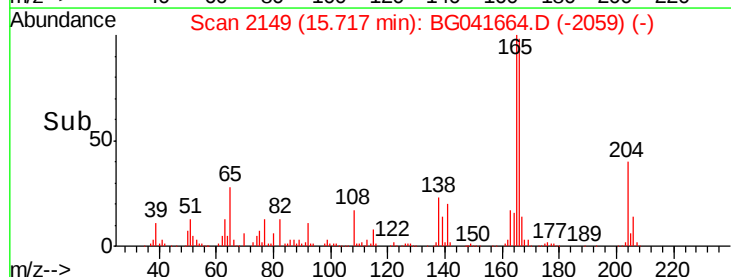
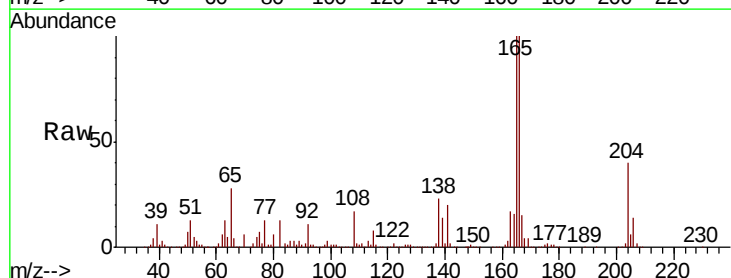
Manual Integrations
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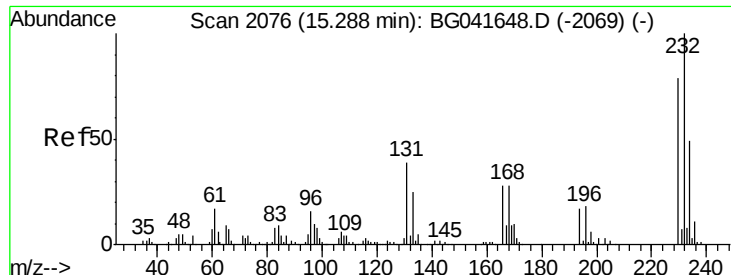
mohammad
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#58
Fluorene
Concen: 40.984 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1033276		
165	100.4		80.5	120.7
167	15.2		12.4	18.6





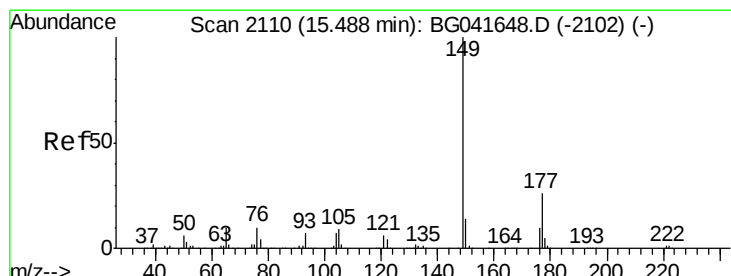
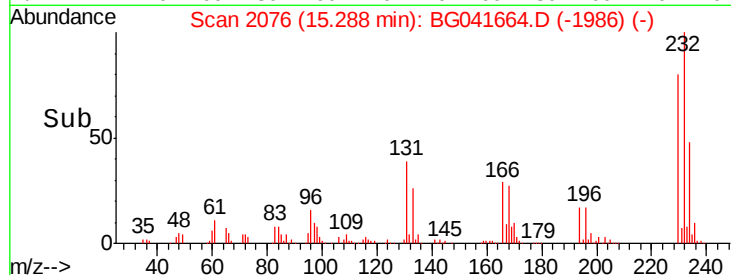
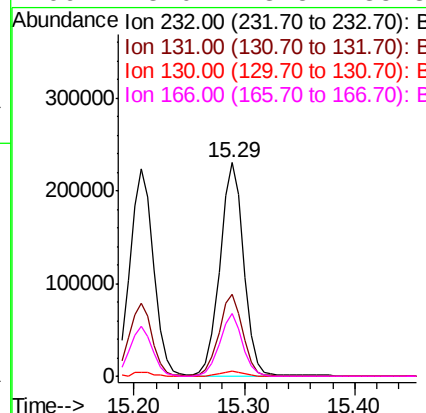
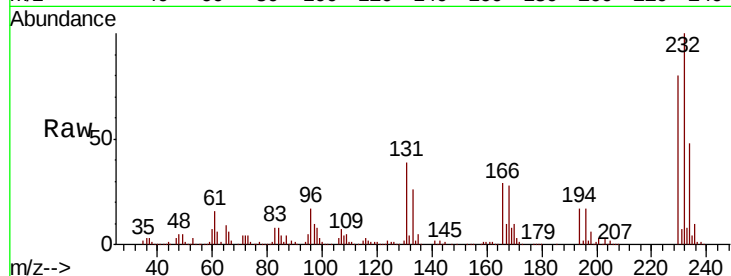
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.215 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	343592		
131	38.1		31.8	47.6
130	2.2		1.8	2.8
166	28.0		23.5	35.3

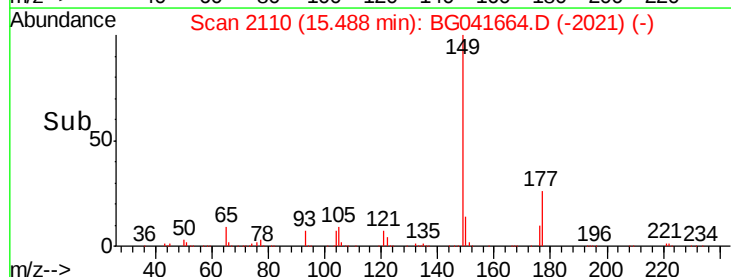
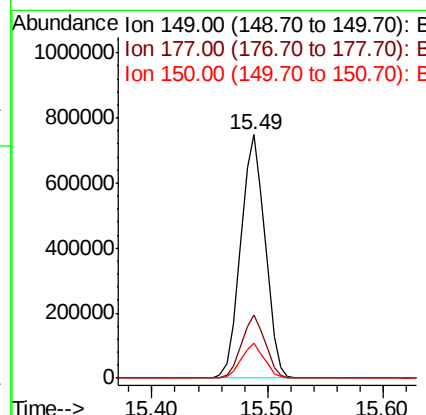
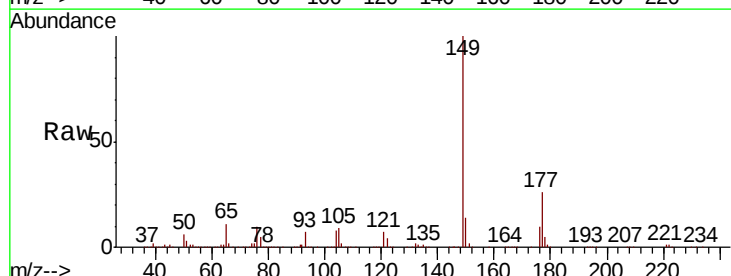
Manual Integrations
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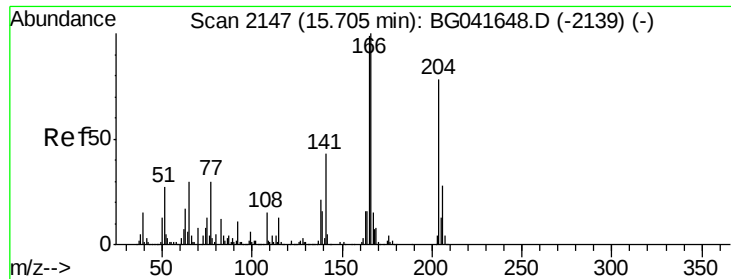
mohammad
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#60
Diethylphthalate
Concen: 40.973 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1089752		
177	26.1		20.7	31.1
150	14.5		11.5	17.3





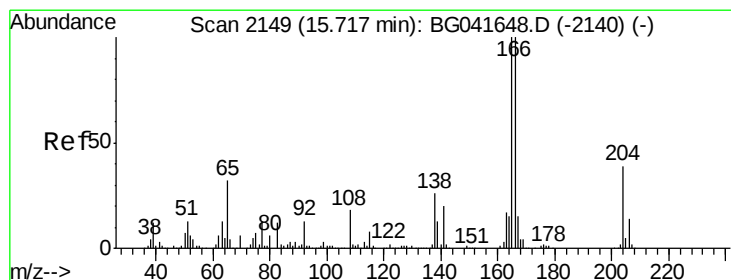
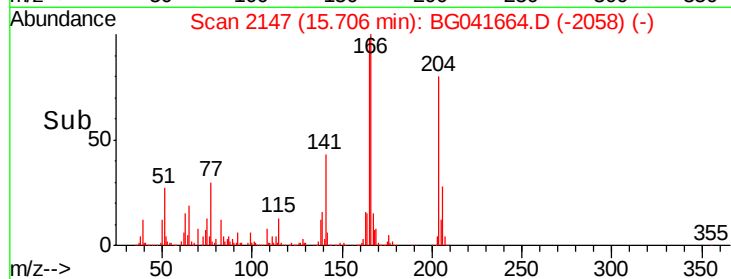
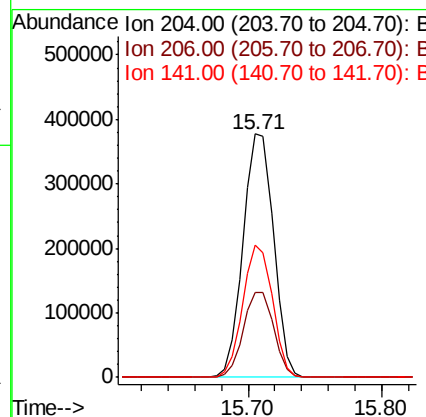
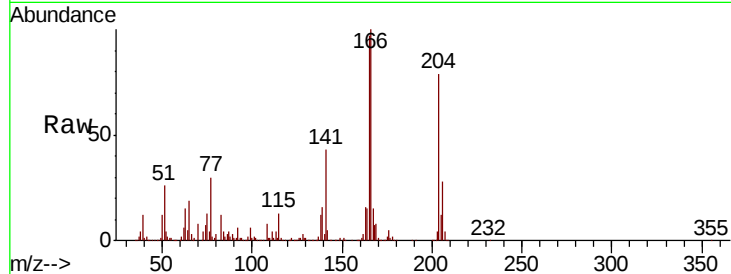
#61
4-Chlorophenyl-phenylether
Concen: 41.628 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	28.6	42.8	
141	54.5	42.9	64.3	

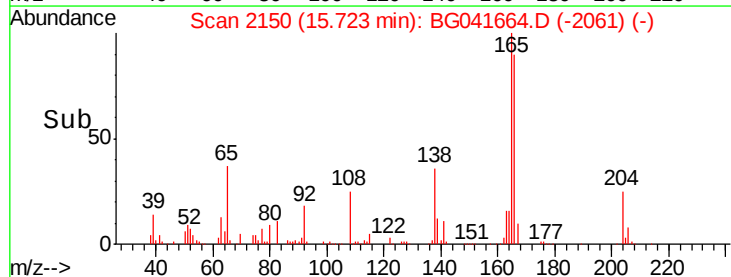
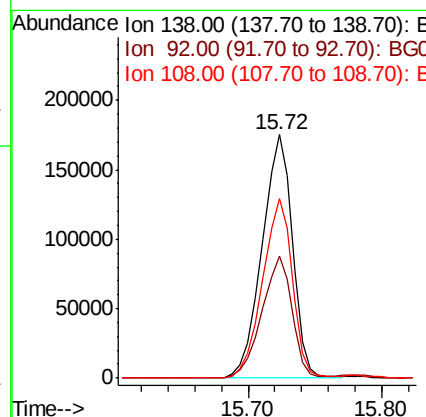
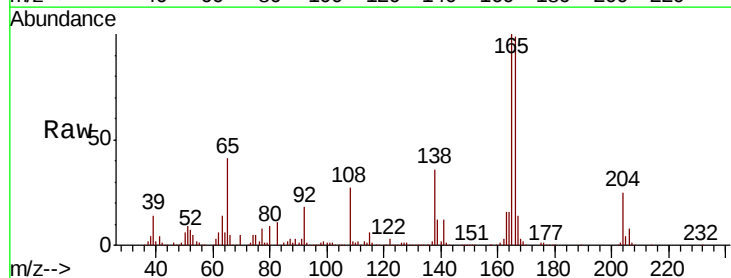
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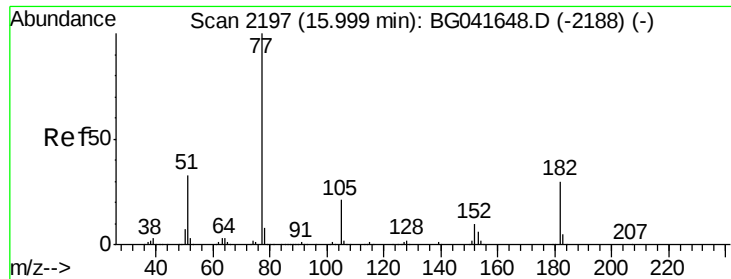
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#62
4-Nitroaniline
Concen: 42.533 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.9	29.8	69.8	
108	74.0	52.2	92.2	





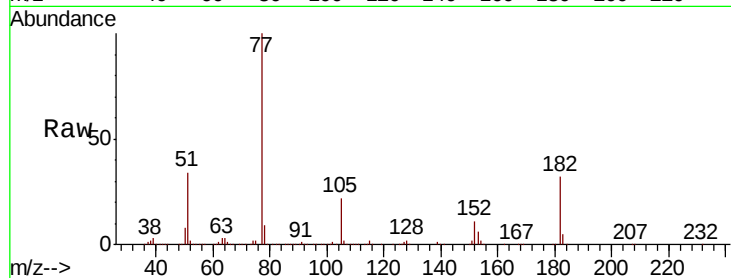
#63
Azobenzene
Concen: 40.837 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.8	13.2	53.2
105	22.1	2.2	42.2
51	34.4	14.6	54.6

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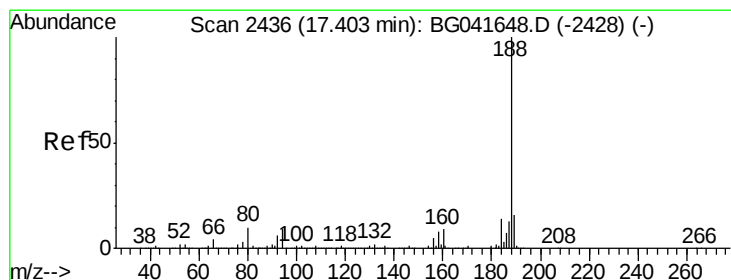
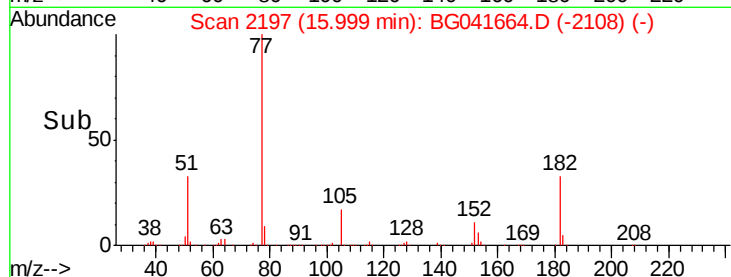
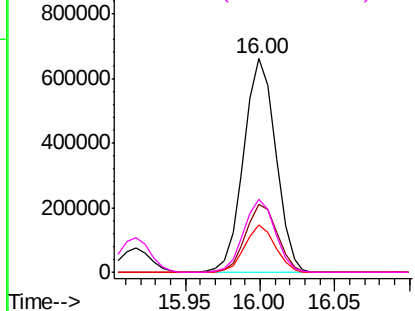
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

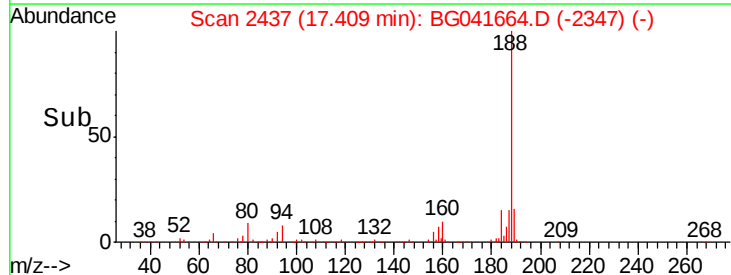
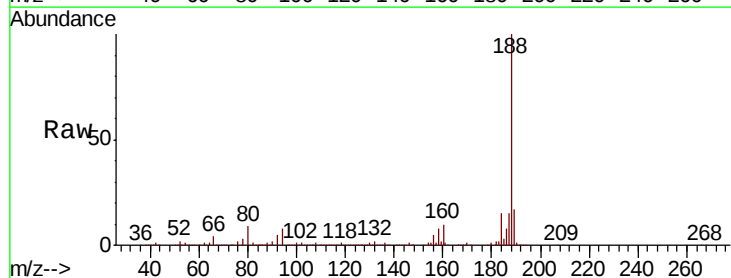
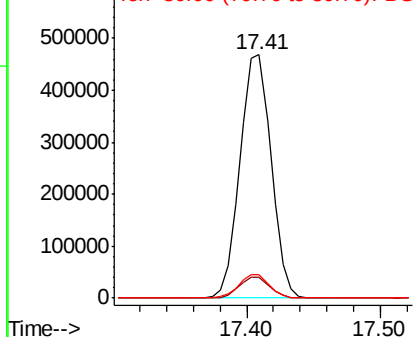
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.4	8.0	12.0

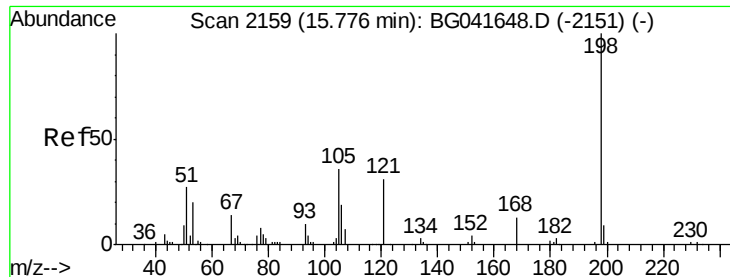
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





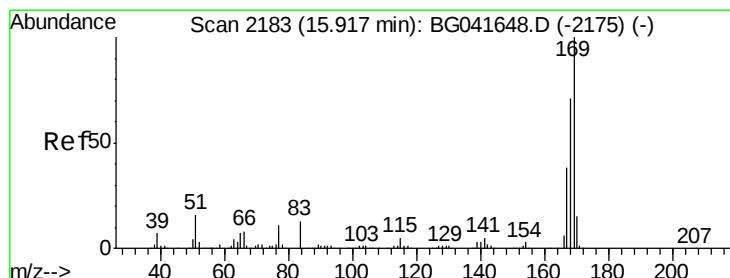
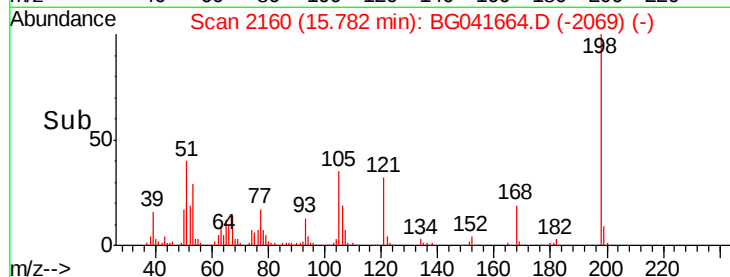
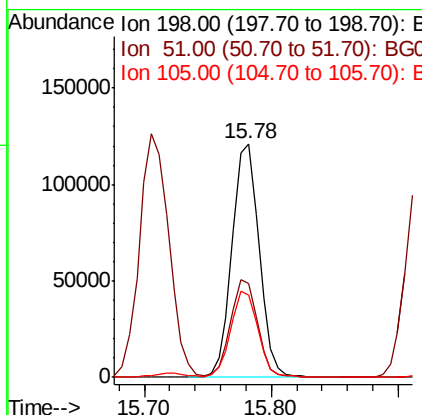
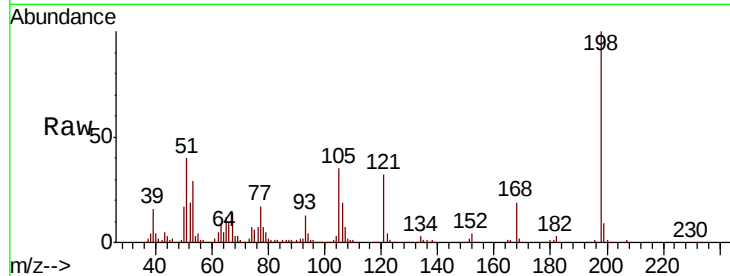
#65
4,6-Dinitro-2-methylphenol
Concen: 49.555 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	178375		
51	40.1	22.3	62.3	
105	35.0	18.0	58.0	

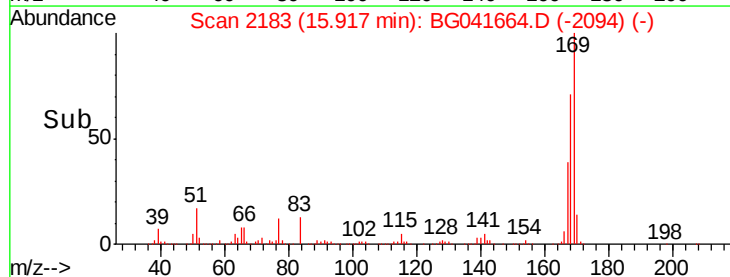
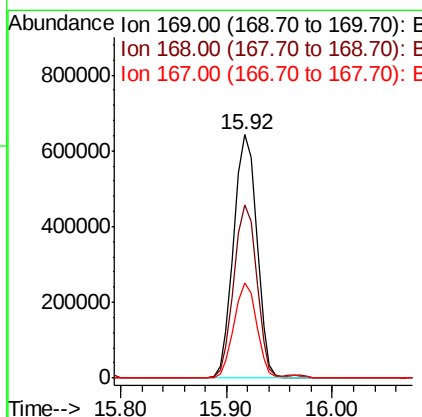
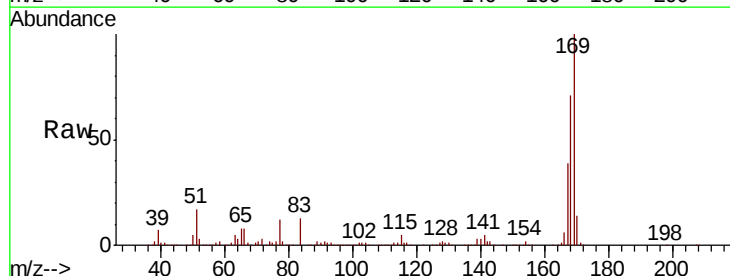
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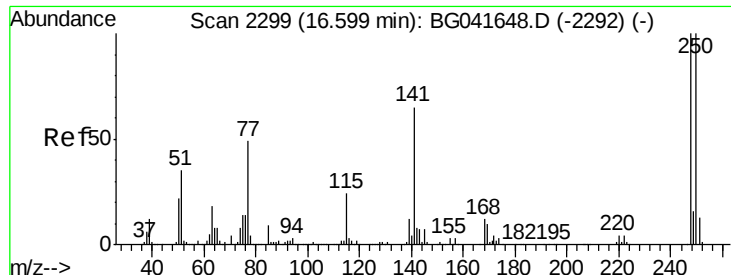
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#66
n-Nitrosodiphenylamine
Concen: 44.015 ng
RT: 15.92 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	975143		
168	71.3	56.9	85.3	
167	39.0	31.5	47.3	





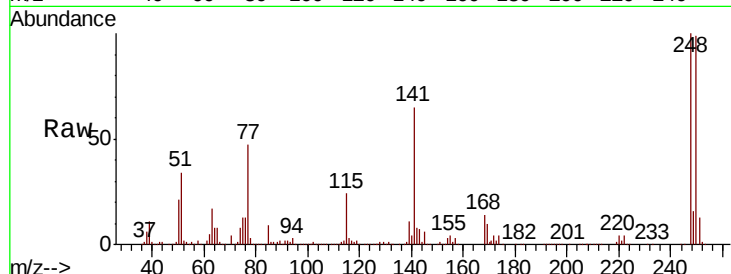
#67
4-Bromophenyl-phenylether
Concen: 43.870 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

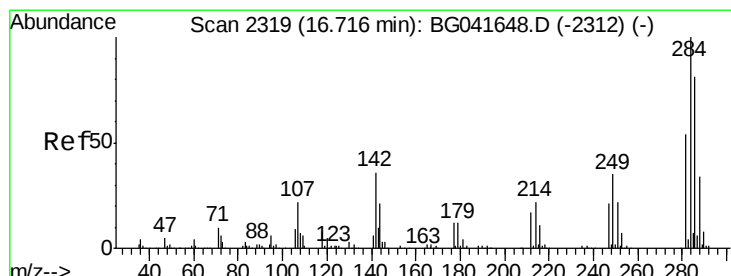
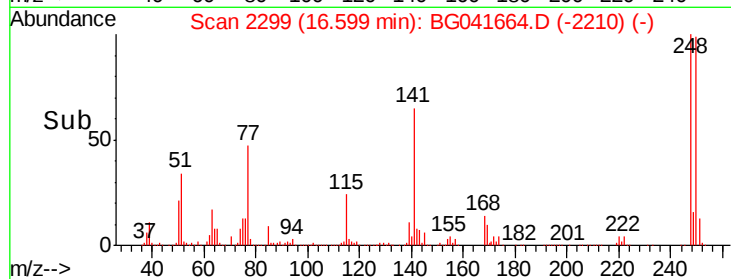
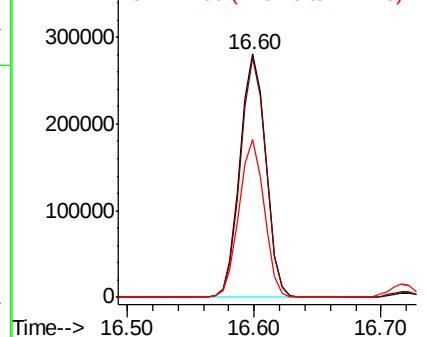
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.1	117.1
141	65.0	49.6	74.4

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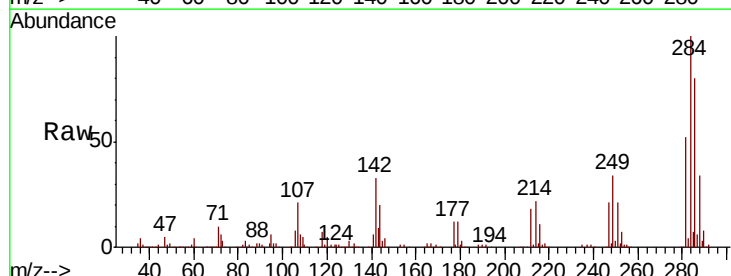


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

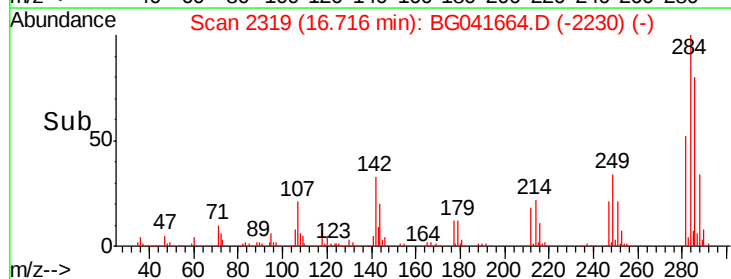
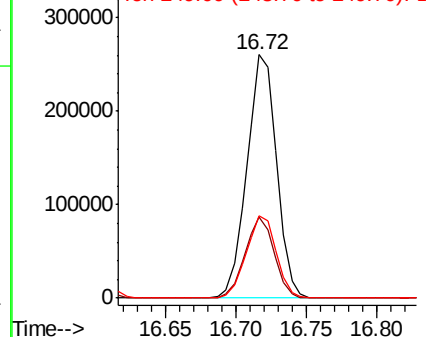


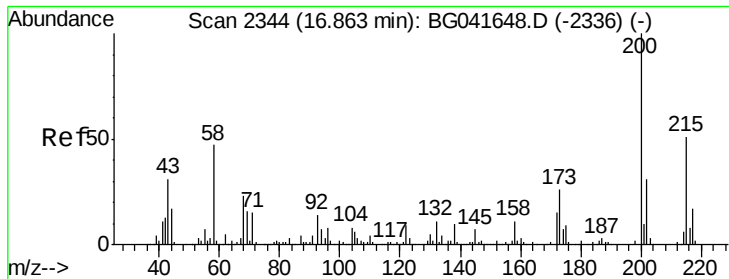
#68
Hexachlorobenzene
Concen: 42.479 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	27.0	40.6
249	33.6	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





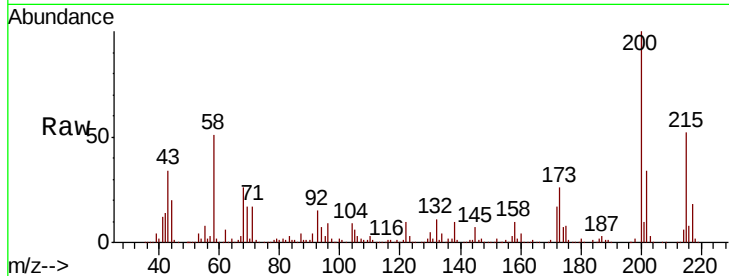
#69
Atrazine
Concen: 45.542 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

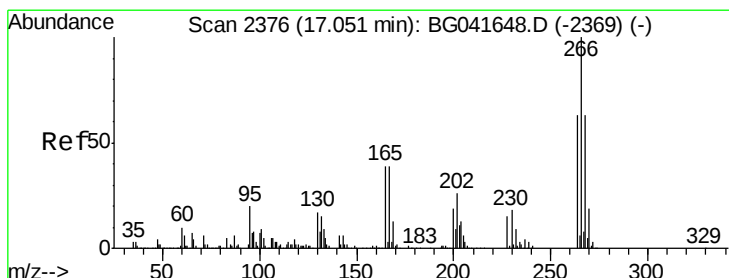
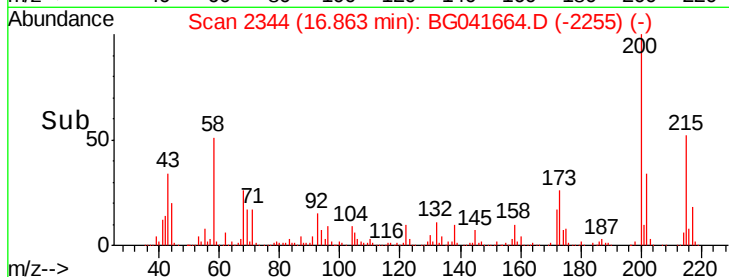
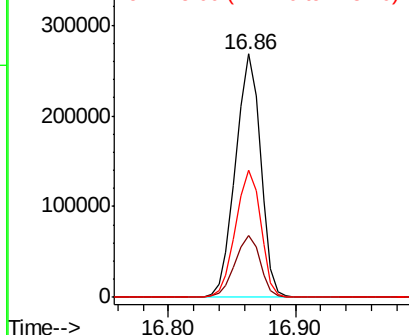
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.3	45.3
215	52.3	31.8	71.8

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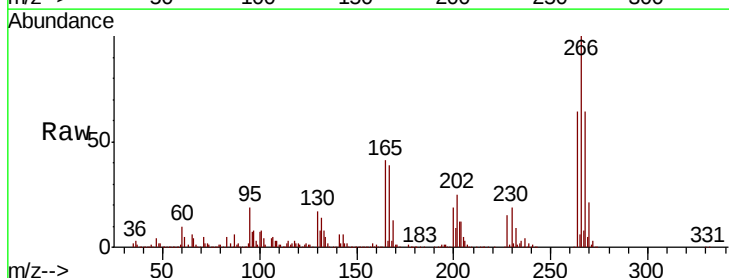


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

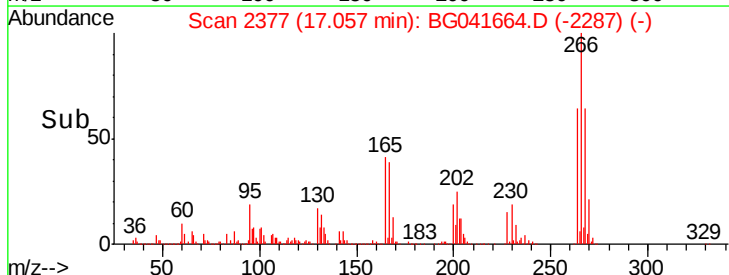
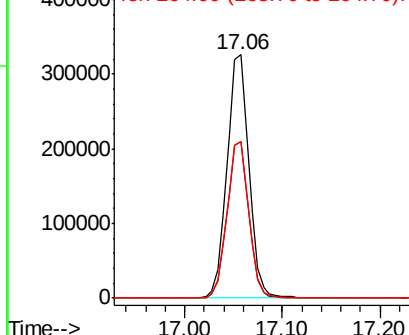


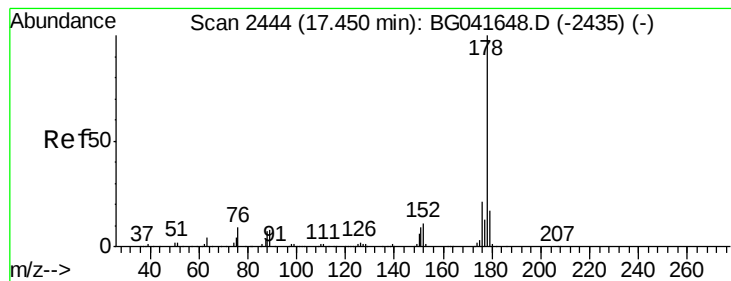
#70
Pentachlorophenol
Concen: 90.167 ng
RT: 17.06 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.9	79.3
264	64.3	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.335 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:178 Resp: 1570460

Ion Ratio Lower Upper

178 100

176 23.0 18.6 28.0

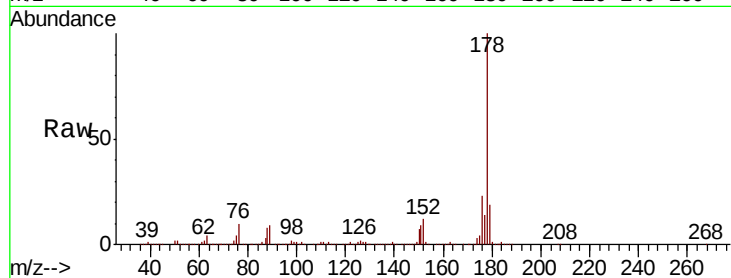
179 19.0 15.4 23.0

Manual Integrations

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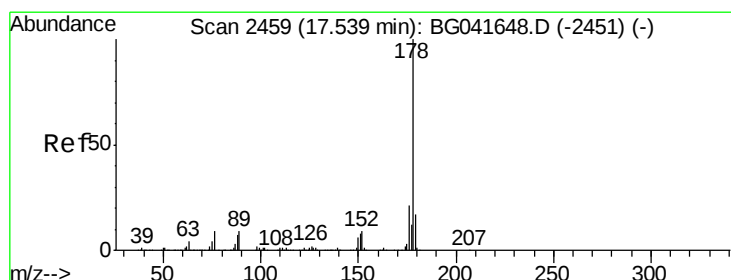
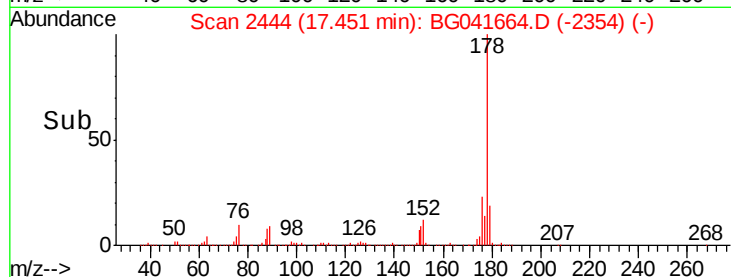
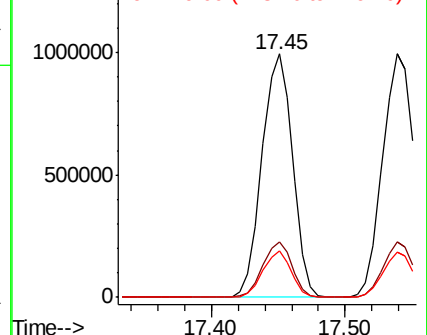
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.506 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

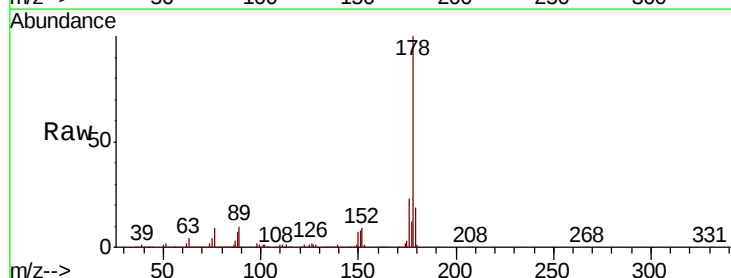
Tgt Ion:178 Resp: 1609748

Ion Ratio Lower Upper

178 100

176 22.7 18.6 28.0

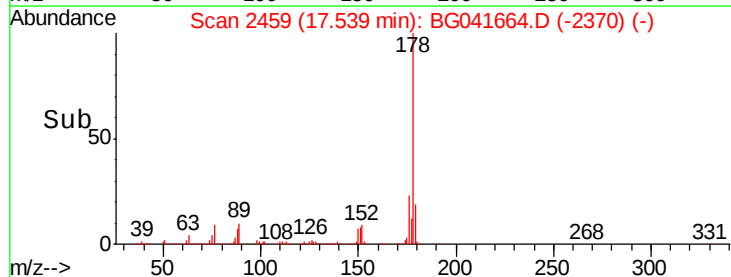
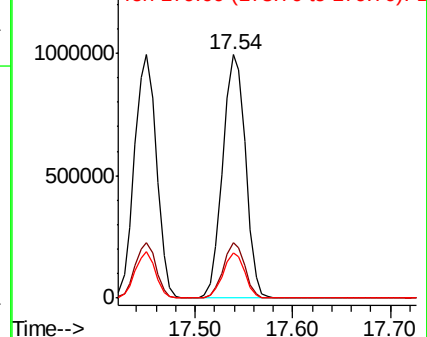
179 18.8 15.1 22.7

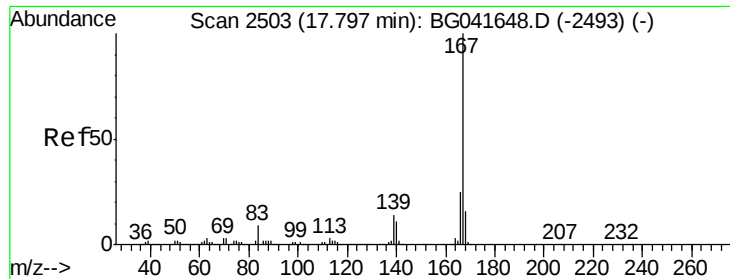


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





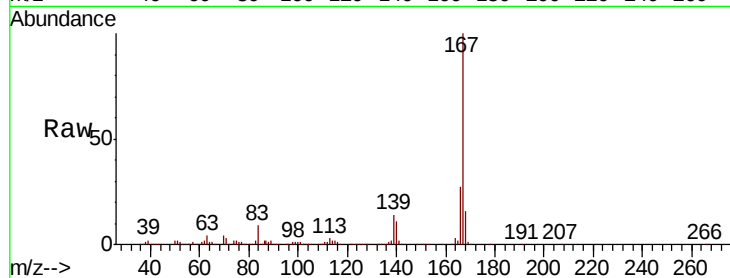
#73
 Carbazole
 Concen: 41.227 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	26.6	21.4	32.2	
139	14.3	12.1	18.1	

Manual Integrations
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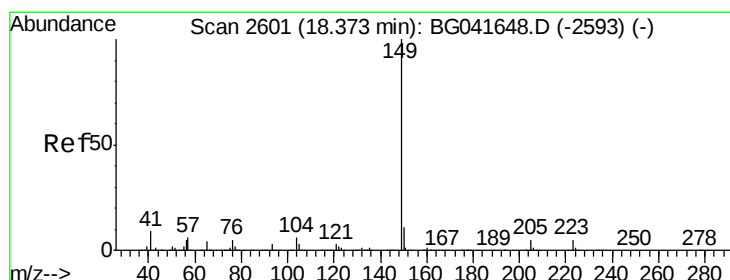
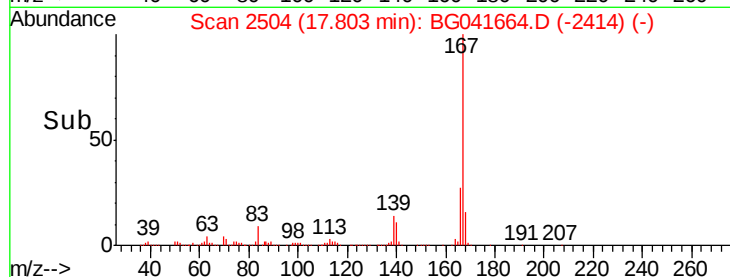
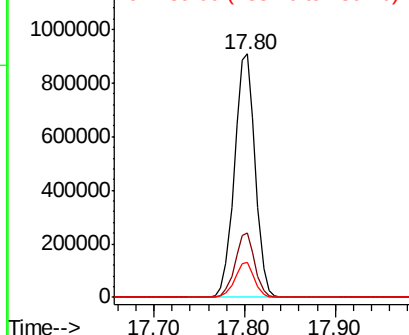


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 37.356 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

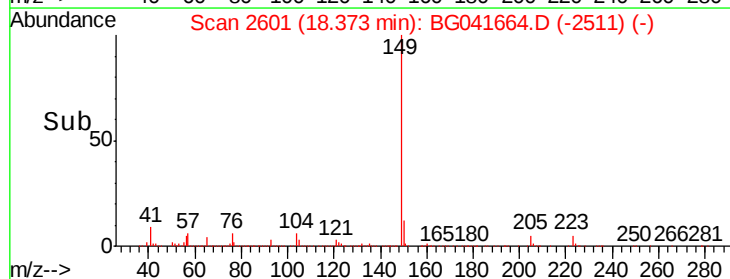
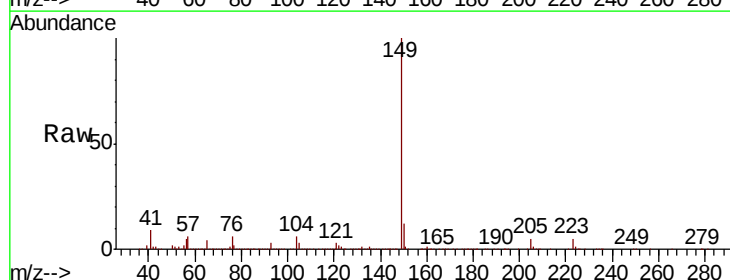
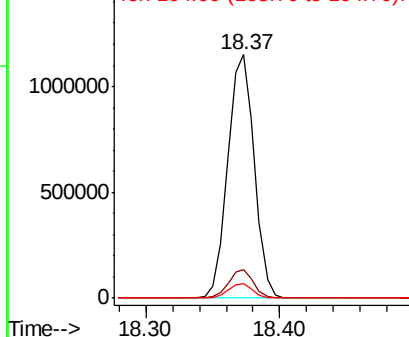
Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.9	10.2	15.2	
104	6.0	5.3	7.9	

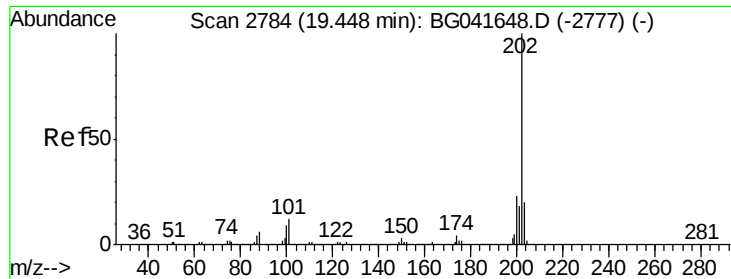
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.204 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

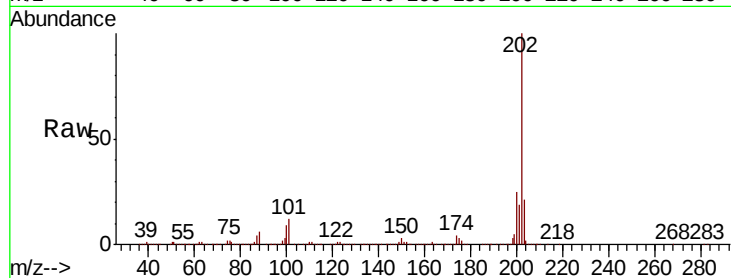
ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:	202	Resp:	1735634
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.8
203	21.4	3.7	43.7

Manual Integrations
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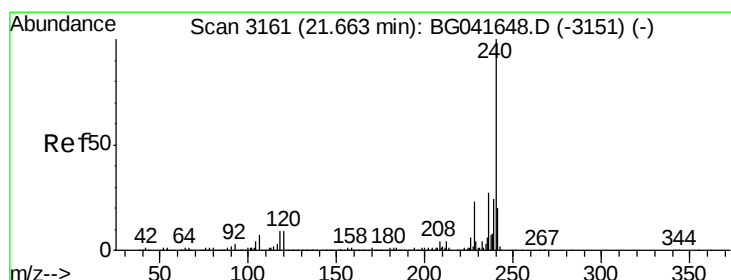
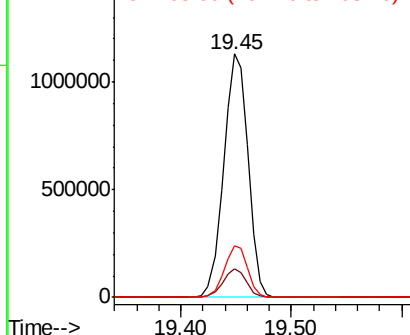
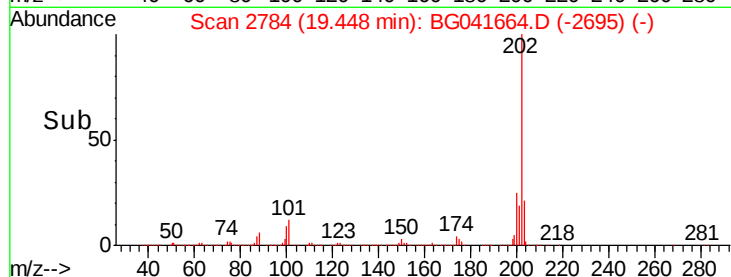


Abundance

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

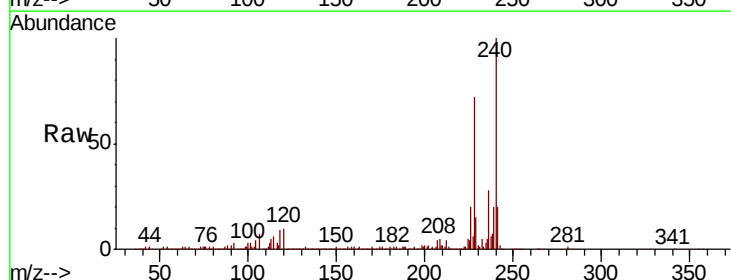
RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:	240	Resp:	603892
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	28.0	22.6	33.8

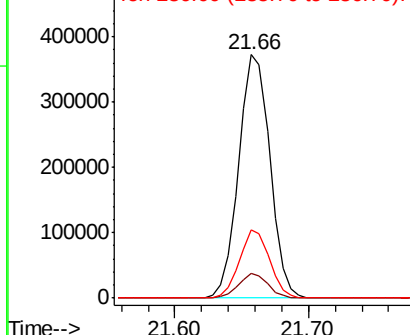
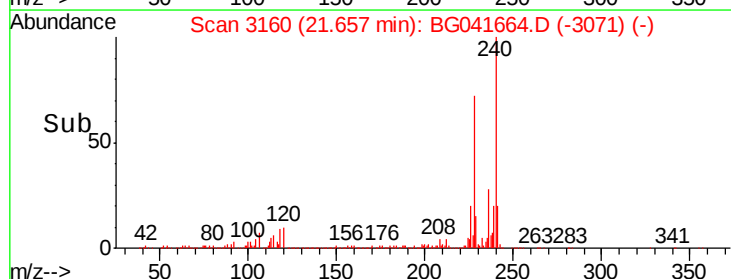


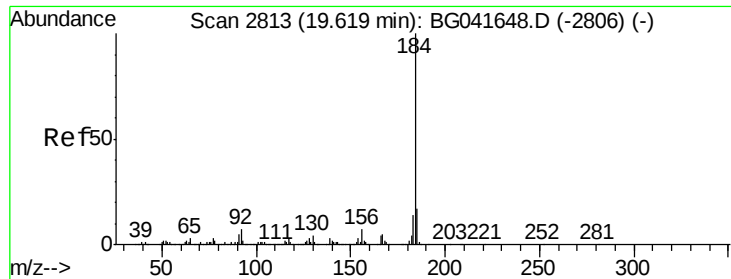
Abundance

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: 26.364 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

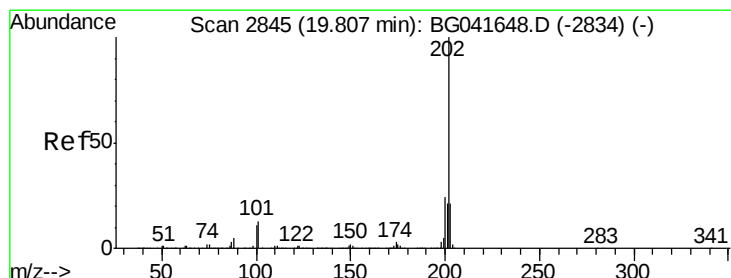
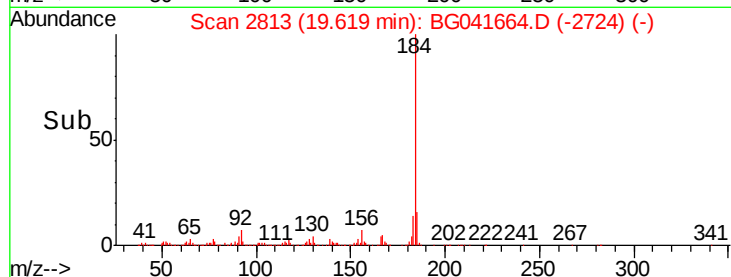
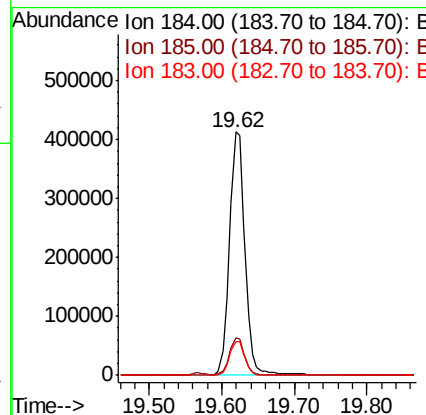
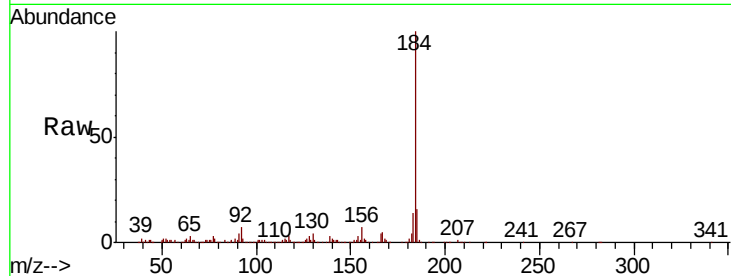
ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.0	19.4
183	13.7	11.8	17.6

Manual Integrations
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mohammad
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#78

Pyrene

Concen: 42.094 ng

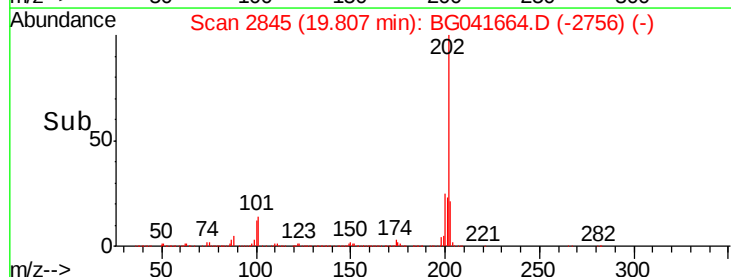
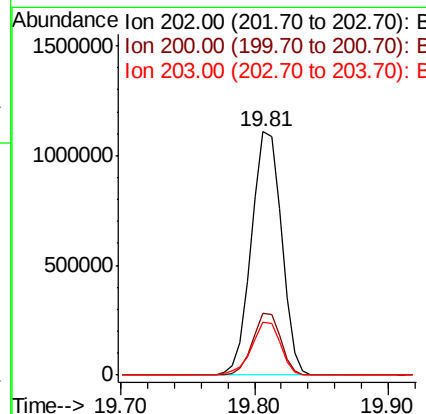
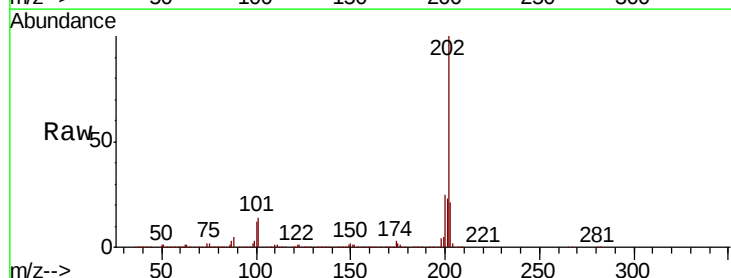
RT: 19.81 min Scan# 2845

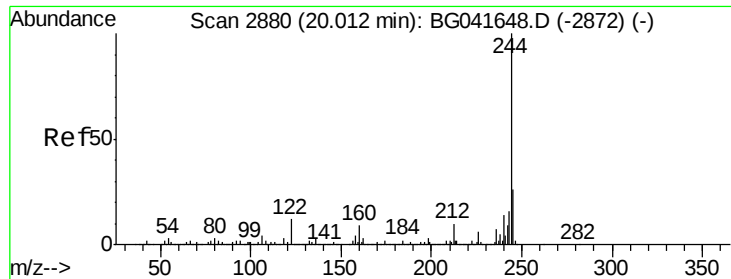
Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.4	22.2	33.2
203	21.5	18.9	28.3





#79

Terphenyl-d14

Concen: 86.667 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-COMPMSD

Tot Ion:244 Resp: 2239631

Ion Ratio Lower Upper

244 100

212 10.7 9.7 14.5

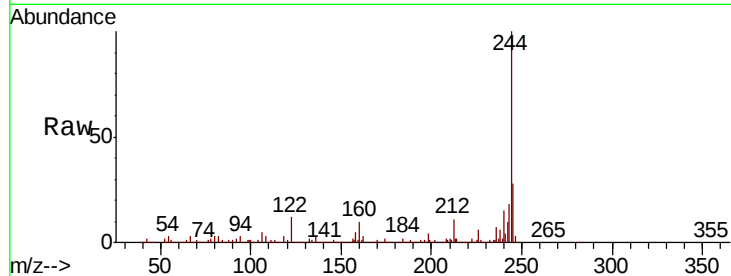
122 12.5 12.5 18.7

Manual Integrations

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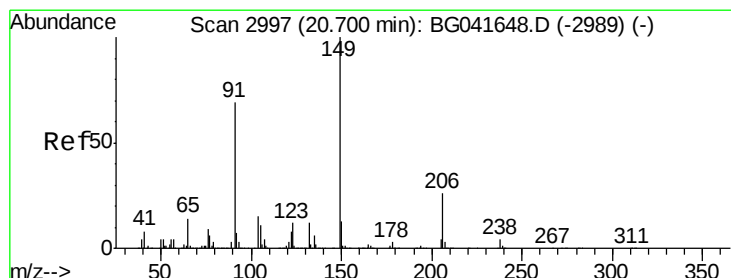
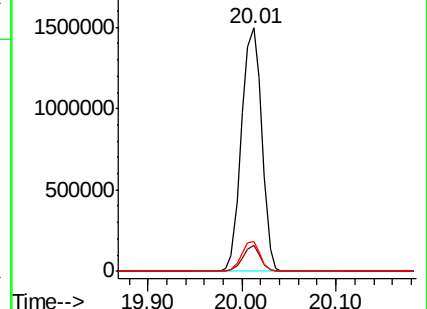
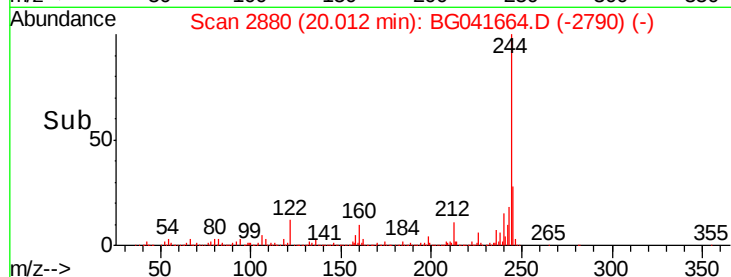
7/17/2019 12:04:55 PM



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.028 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

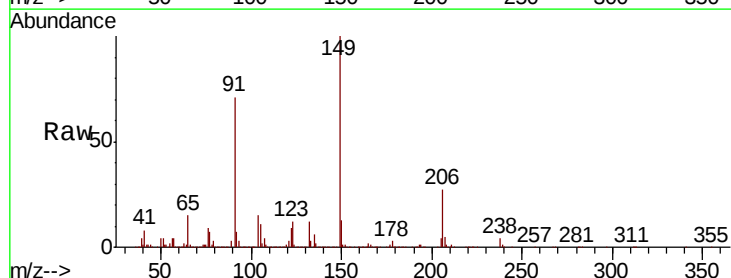
Tgt Ion:149 Resp: 713296

Ion Ratio Lower Upper

149 100

91 70.5 58.9 88.3

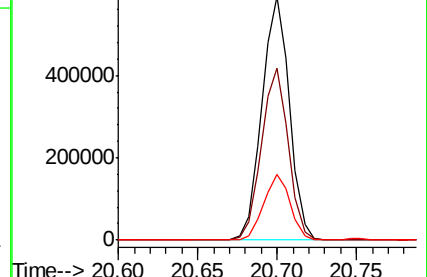
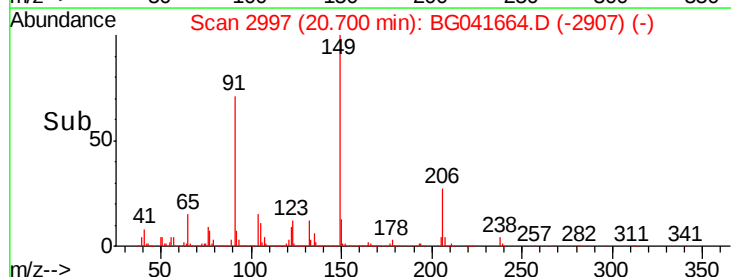
206 27.1 20.8 31.2

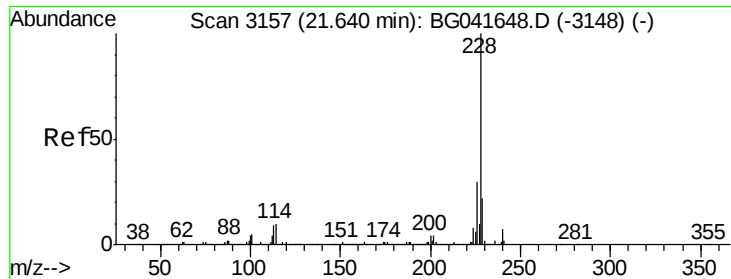


Abundance Ion 149.00 (148.70 to 149.70): E

800000 Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





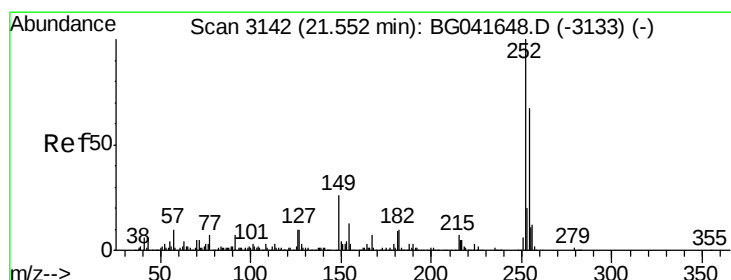
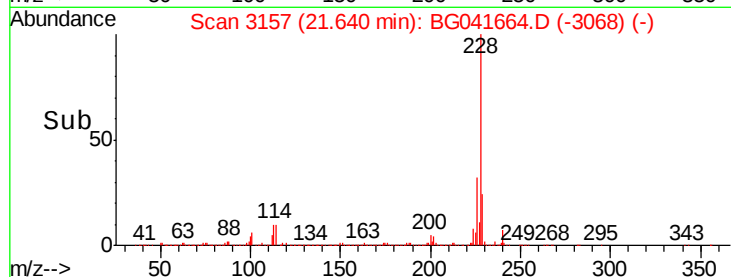
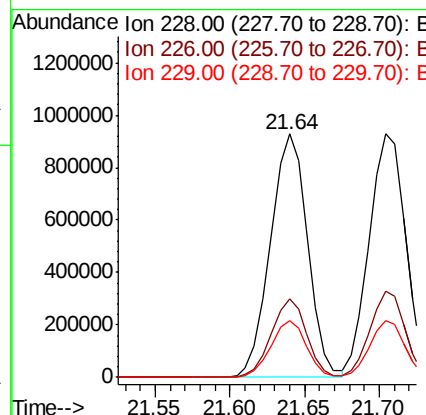
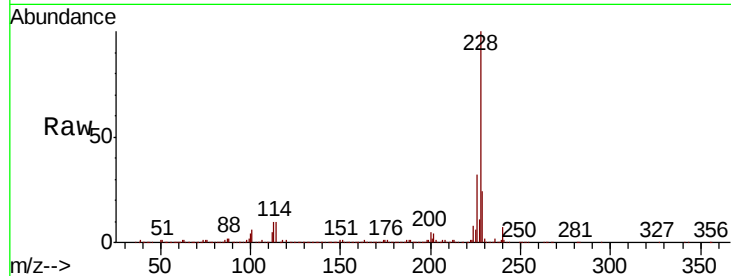
#81
Benzo(a)anthracene
Concen: 41.255 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	27.3	40.9
229	23.6	19.7	29.5

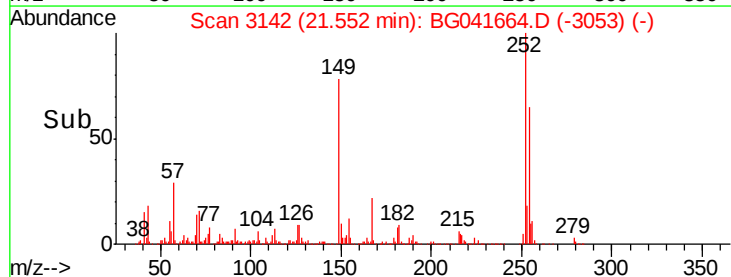
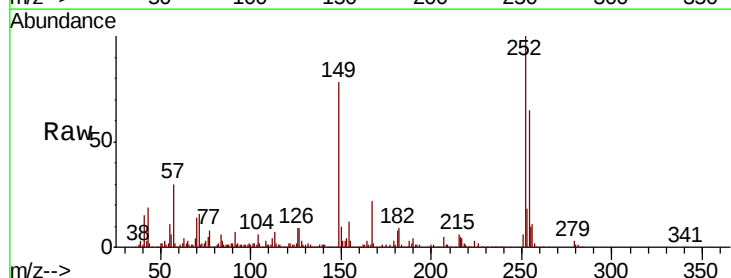
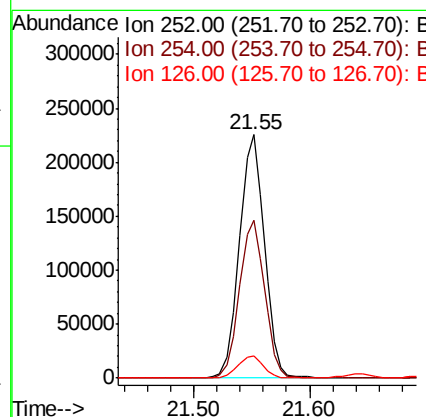
Manual Integrations
APPROVED

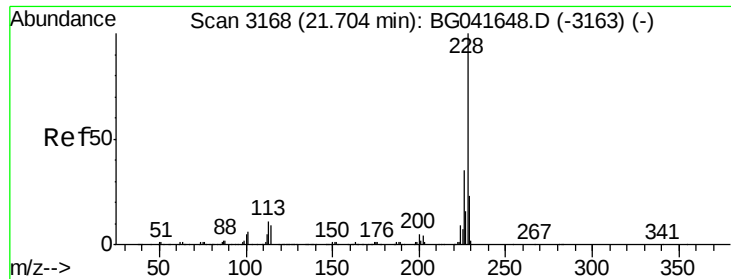
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.097 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.8	80.6
126	8.9	7.8	11.8





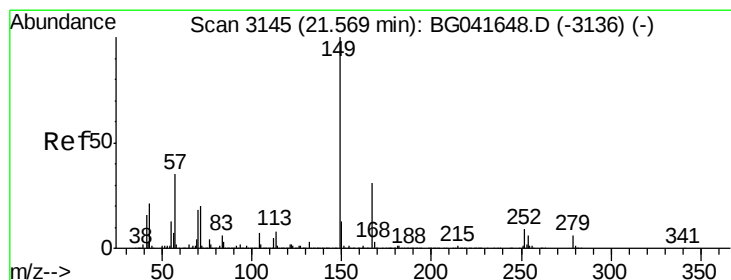
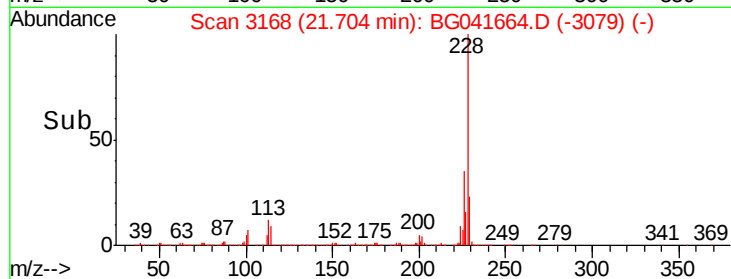
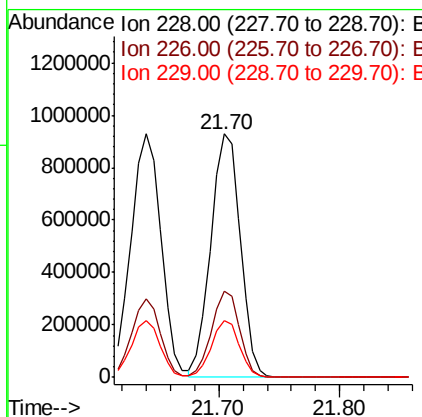
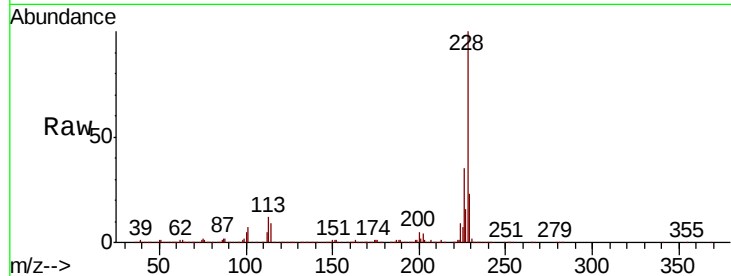
#83
 Chrvsene
 Concen: 41.854 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-COMPMSD

Tot Ion:228 Resp: 1560448
 Ion Ratio Lower Upper
 228 100
 226 35.4 30.1 45.1
 229 23.4 19.8 29.6

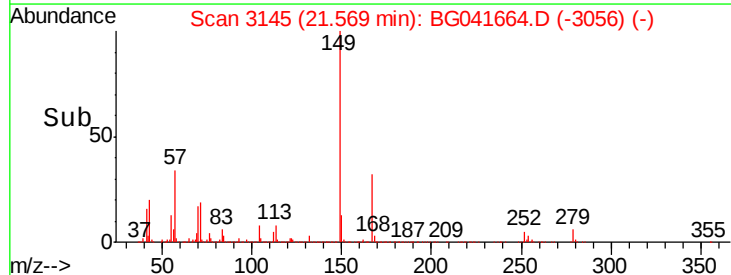
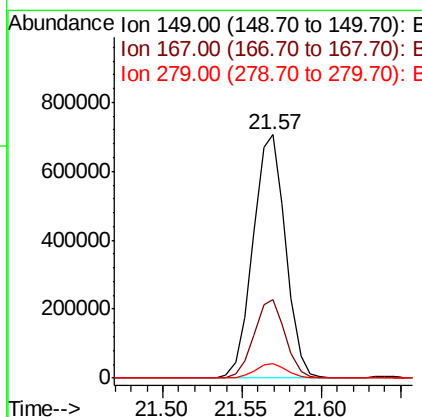
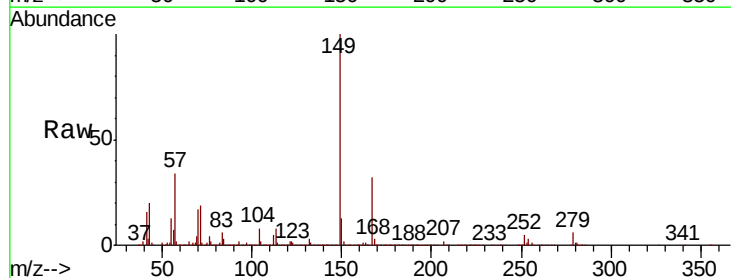
Manual Integrations
 APPROVED

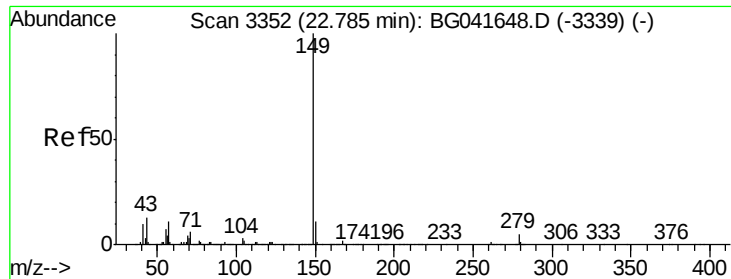
mohammad
 7/17/2019 12:04:55 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.817 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:149 Resp: 1002065
 Ion Ratio Lower Upper
 149 100
 167 32.5 27.0 40.4
 279 6.1 5.0 7.6





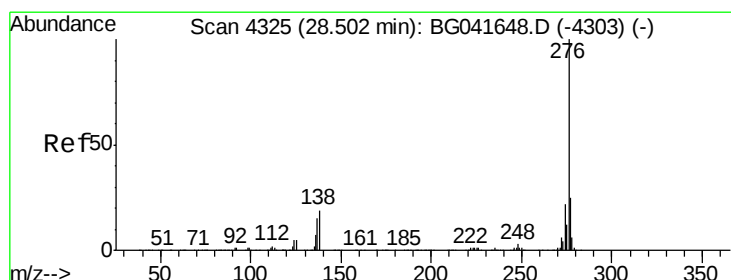
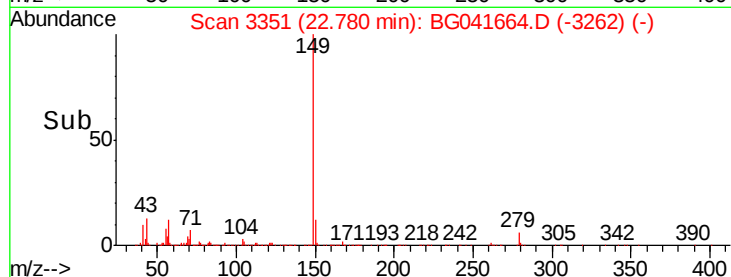
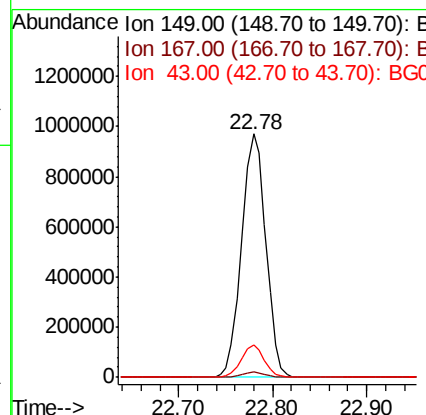
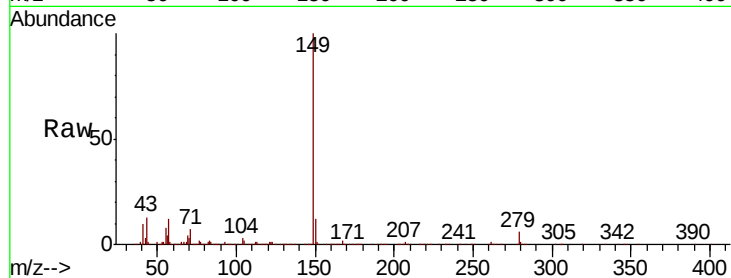
#85
Di-n-octyl phthalate
Concen: 42.535 ng
RT: 22.78 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	12.3	10.6	16.0

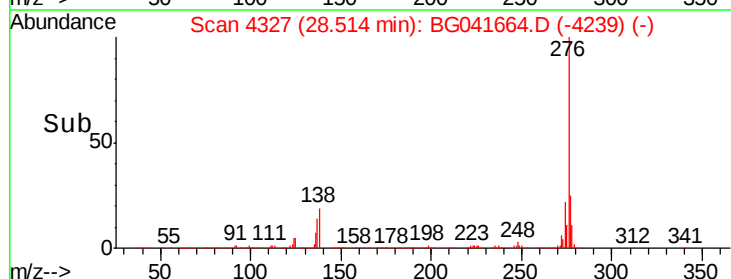
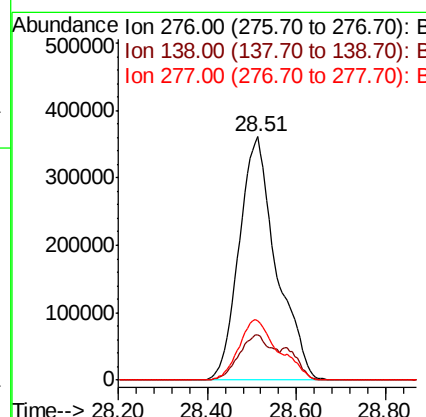
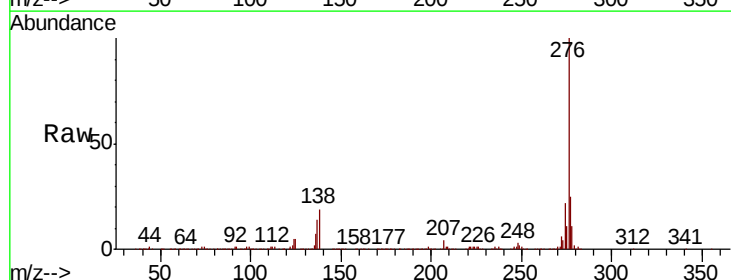
Manual Integrations
APPROVED

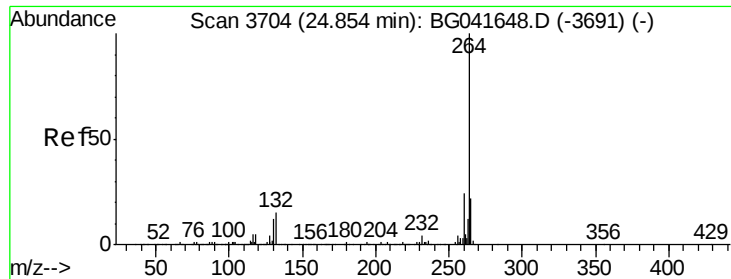
mohammad
7/17/2019 12:04:55 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.338 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	19.4	29.0#
277	26.6	21.2	31.8





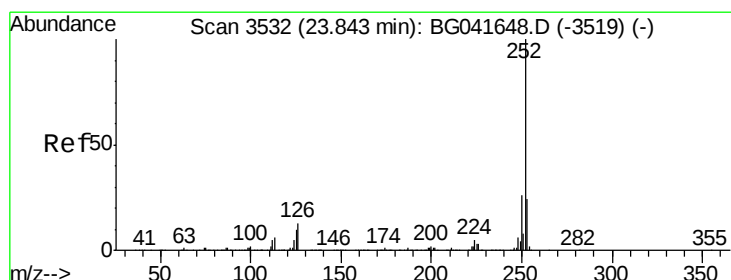
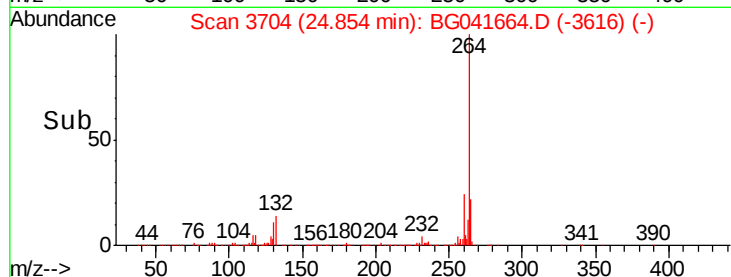
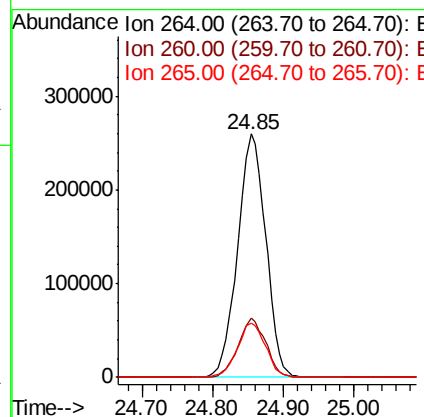
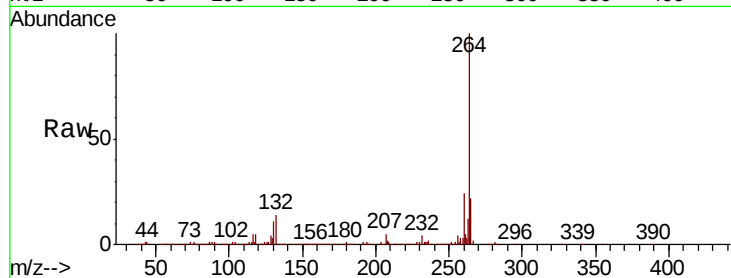
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.3	18.0	27.0

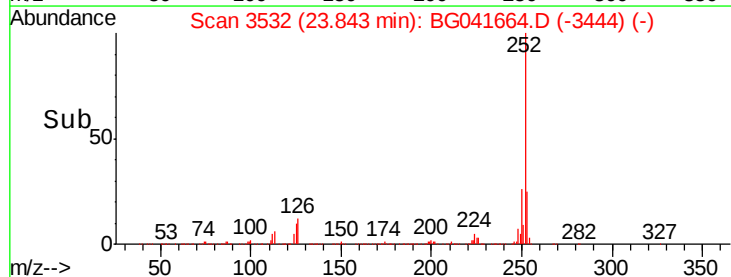
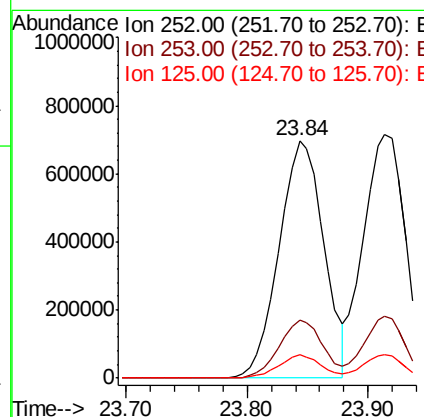
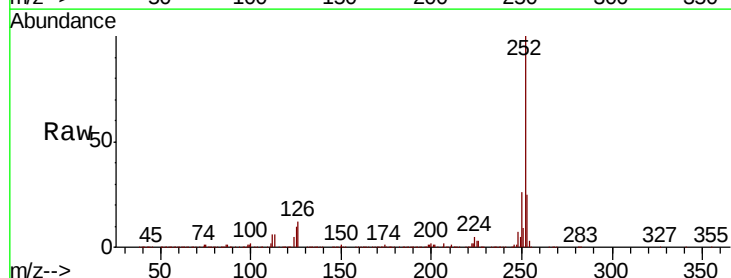
Manual Integrations
APPROVED

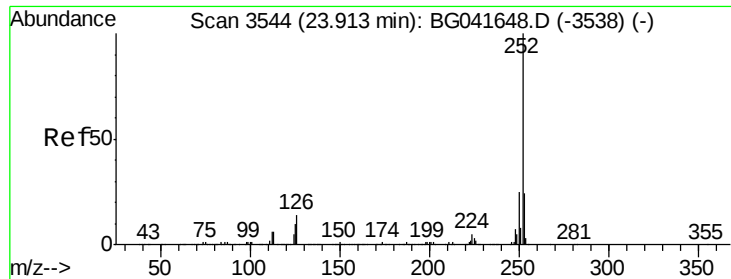
mohammad
7/17/2019 12:04:55 PM



#88
Benzo(b)fluoranthene
Concen: 40.997 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	10.0	8.0	12.0





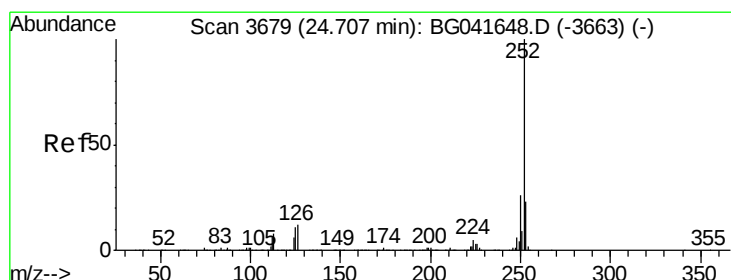
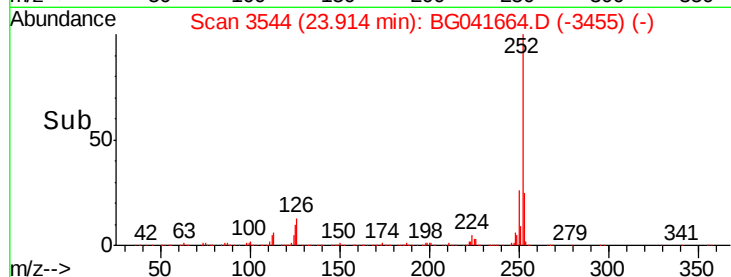
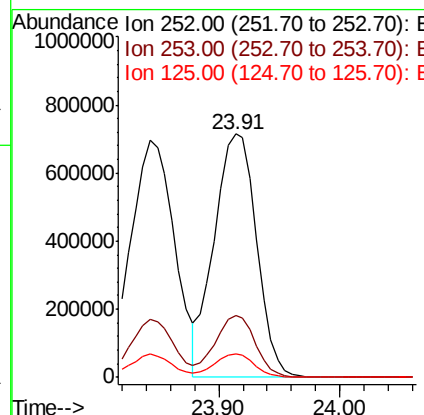
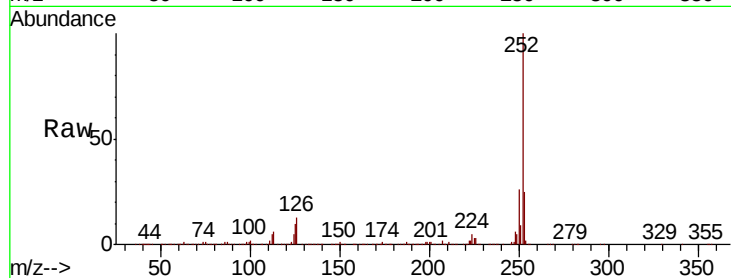
#89
Benzo(k)fluoranthene
Concen: 42.879 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.5	30.7
125	9.7	8.4	12.6

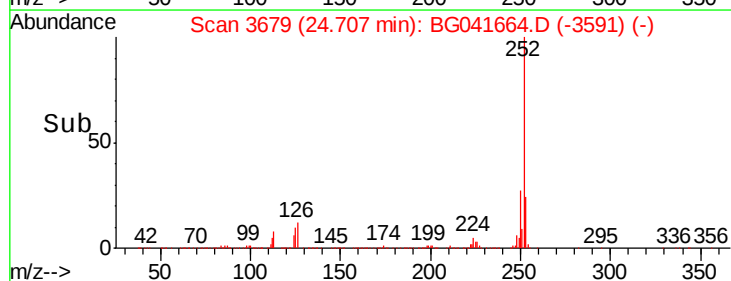
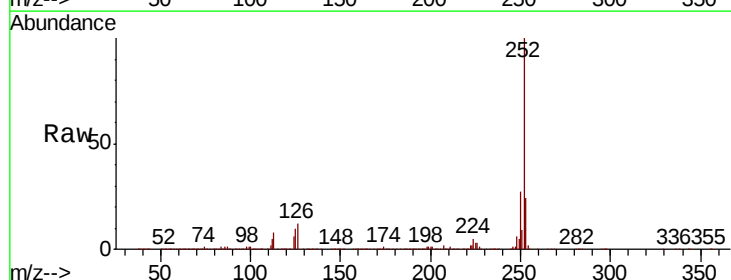
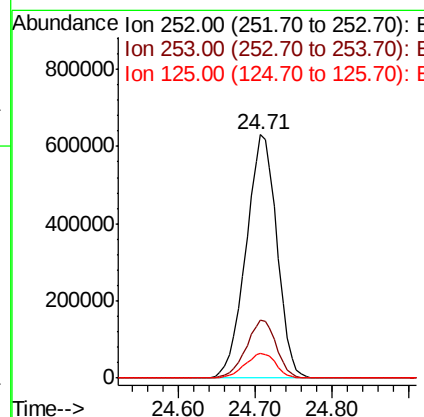
Manual Integrations
APPROVED

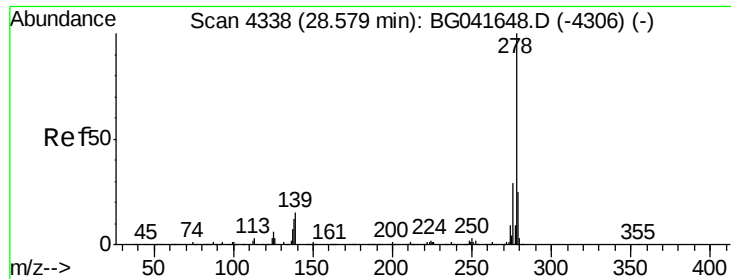
mohammad
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#90
Benzo(a)pyrene
Concen: 42.750 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.8
125	10.2	8.8	13.2





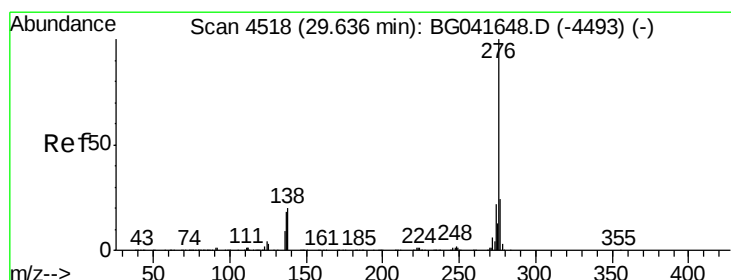
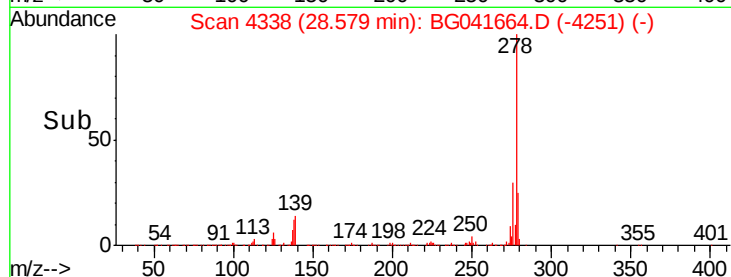
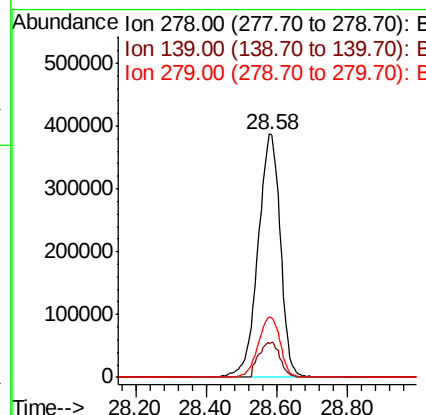
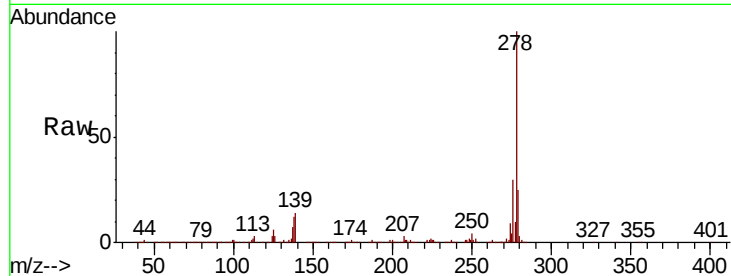
#91
Dibenzo(a,h)anthracene
Concen: 42.507 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.02 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :
STOCKPILE-COMPMSD

Tot Ion:278 Resp: 1702517
Ion Ratio Lower Upper
278 100
139 14.0 12.6 19.0
279 24.7 20.5 30.7

Manual Integrations
APPROVED

mohammad
7/17/2019 12:04:55 PM



#92
Benzo(g,h,i)perylene
Concen: 42.548 ng
RT: 29.64 min Scan# 4519
Delta R.T. -0.02 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:276 Resp: 1707747
Ion Ratio Lower Upper
276 100
277 25.4 19.8 29.8
138 19.4 16.6 25.0

