

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045365.D
 Acq On : 13 May 2020 17:15
 Operator : CG/JU
 Sample : L2502-01MSD 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Manual Integrations
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mohammad
 5/14/2020 11:54:24 AM

Quant Time: May 14 03:14:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	75593	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	319281	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	220019	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	457043	20.00	ng	0.00
76) Chrysene-d12	21.63	240	391102	20.00	ng	0.00
87) Perylene-d12	24.80	264	436273	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	55718	12.17	ng	0.00
7) Phenol-d6	7.15	99	82432	12.12	ng	0.00
23) Nitrobenzene-d5	9.14	82	53668	7.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	36634	10.78	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	135755	9.05	ng	0.00
79) Terphenyl-d14	19.98	244	188983	10.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	6740	3.312	ng	# 92
3) Pyridine	3.84	79	12135	1.937	ng	# 88
4) n-Nitrosodimethylamine	3.75	42	5298	2.760	ng	# 89
6) Aniline	7.30	93	21447	2.425	ng	# 87
8) 2-Chlorophenol	7.55	128	18851	3.831	ng	98
10) Phenol	7.18	94	25479	3.743	ng	94
11) bis(2-Chloroethyl)ether	7.40	93	19094	3.523	ng	87
12) 1,3-Dichlorobenzene	7.87	146	21142	3.646	ng	94
13) 1,4-Dichlorobenzene	8.01	146	21743	3.763	ng	89
14) 1,2-Dichlorobenzene	8.33	146	22231	4.022	ng	96
15) Benzyl Alcohol	8.21	79	18321	3.212	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	16586	3.117	ng	79
17) 2-Methylphenol	8.43	107	17161	3.267	ng	# 88
18) Hexachloroethane	9.07	117	8681	3.997	ng	88
19) n-Nitroso-di-n-propylamine	8.78	70	16657	3.462	ng	# 94
20) 3+4-Methylphenols	8.76	107	23664	3.219	ng	97
22) Acetophenone	8.80	105	32764	3.795	ng	# 95
24) Nitrobenzene	9.18	77	24808	3.459	ng	# 91
25) Isophorone	9.71	82	47222	3.295	ng	# 94
26) 2-Nitrophenol	9.90	139	10944	3.542	ng	93
27) 2,4-Dimethylphenol	9.96	122	19256	3.928	ng	94
28) bis(2-Chloroethoxy)methane	10.19	93	24434	3.245	ng	# 93
29) 2,4-Dichlorophenol	10.44	162	19672	3.475	ng	96
30) 1,2,4-Trichlorobenzene	10.65	180	22217	3.467	ng	93
31) Naphthalene	10.84	128	89762	5.139	ng	97
32) Benzoic acid	10.05	122	7172	7.944	ng	90
33) 4-Chloroaniline	10.94	127	18734	2.300	ng	96
34) Hexachlorobutadiene	11.13	225	15393	3.503	ng	94
35) Caprolactam	11.68	113	6822	3.028	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	24106	3.625	ng	86
37) 2-Methylnaphthalene	12.45	142	67811m	5.002	ng	
38) 1-Methylnaphthalene	12.66	142	68627	5.362	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	27038	3.817	ng	98
41) Hexachlorocyclopentadiene	12.80	237	1599	0.361	ng	# 70

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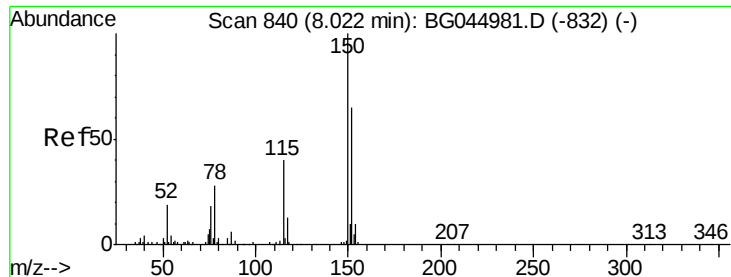
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.06	196	18615	3.723	nq	95
44) 2,4,5-Trichlorophenol	13.14	196	19922	3.501	nq	98
46) 1,1'-Biphenyl	13.45	154	63507	3.798	nq	99
47) 2-Chloronaphthalene	13.50	162	48224	3.774	nq	91
48) 2-Nitroaniline	13.69	65	13801	3.283	nq	95
49) Acenaphthylene	14.34	152	92729	4.455	nq	97
50) Dimethylphthalate	14.07	163	83152	4.641	nq	99
51) 2,6-Dinitrotoluene	14.18	165	13394	3.343	nq	88
52) Acenaphthene	14.68	154	78755m	5.592	nq	
53) 3-Nitroaniline	14.52	138	10207	2.323	nq	93
54) 2,4-Dinitrophenol	14.75	184	1372	0.576	nq	# 52
55) Dibenzofuran	15.02	168	108437	5.282	nq	98
56) 4-Nitrophenol	14.85	139	20560	6.034	nq	90
57) 2,4-Dinitrotoluene	14.98	165	17322	2.958	nq	# 94
58) Fluorene	15.67	166	113779	6.785	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	16761	3.310	nq	# 93
60) Diethylphthalate	15.44	149	61518	3.294	nq	97
61) 4-Chlorophenyl-phenylether	15.66	204	31720	3.286	nq	95
62) 4-Nitroaniline	15.68	138	12356	2.711	nq	96
63) Azobenzene	15.95	77	61808	3.589	nq	94
65) 4,6-Dinitro-2-methylphenol	15.75	198	2078m	0.692	nq	
66) n-Nitrosodiphenylamine	15.87	169	58980	4.491	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	19921	3.379	nq	# 81
68) Hexachlorobenzene	16.68	284	23346	3.818	nq	# 89
70) Pentachlorophenol	17.03	266	17683	4.714	nq	# 90
71) Phenanthrene	17.41	178	609461	25.950	nq	99
72) Anthracene	17.50	178	228703	9.708	nq	95
73) Carbazole	17.77	167	120594	5.044	nq	95
75) Fluoranthene	19.42	202	942235	32.405	nq	98
78) Pyrene	19.78	202	864608	32.067	nq	98
80) Butylbenzylphthalate	20.67	149	37909	3.392	nq	94
81) Benzo(a)anthracene	21.61	228	468621	18.487	nq	97
82) 3,3'-Dichlorobenzidine	21.53	252	33198	3.290	nq	98
83) Chrysene	21.67	228	427646	17.558	nq	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	57775	3.759	nq	98
85) Di-n-octyl phthalate	22.72	149	96100	3.615	nq	# 88
86) Indeno(1,2,3-cd)pyrene	28.39	276	316684	9.793	nq	98
88) Benzo(b)fluoranthene	23.80	252	467459	17.106	nq	99
89) Benzo(k)fluoranthene	23.85	252	272439m	10.483	nq	
90) Benzo(a)pyrene	24.65	252	392732m	15.221	nq	
91) Dibenzo(a,h)anthracene	28.45	278	143076	5.503	nq	98
92) Benzo(g,h,i)perylene	29.51	276	287856	11.044	nq	# 95

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



#1

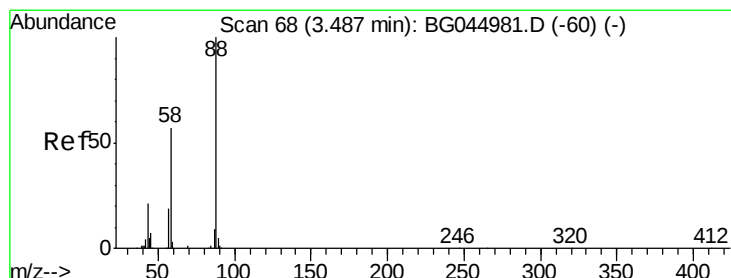
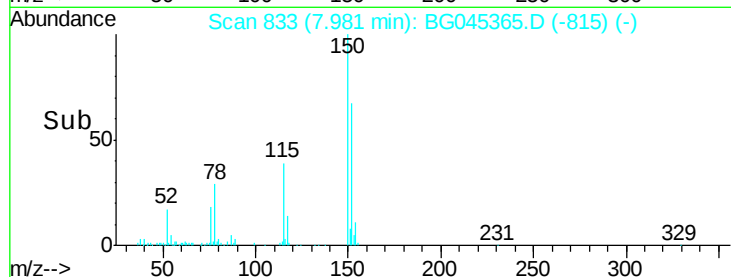
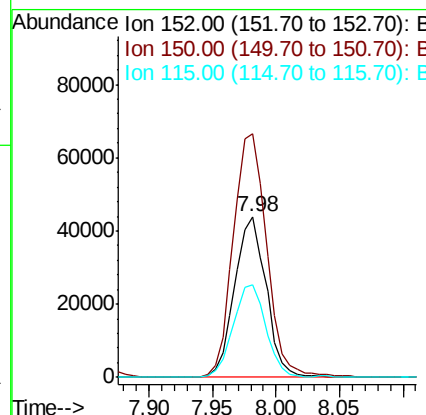
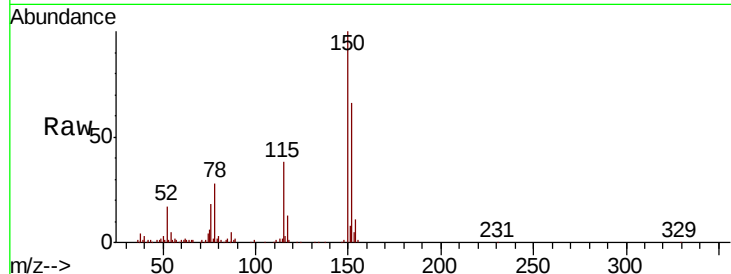
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.6	185.4
115	57.4	49.1	73.7

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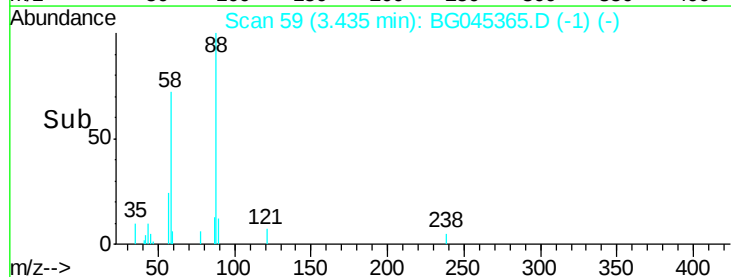
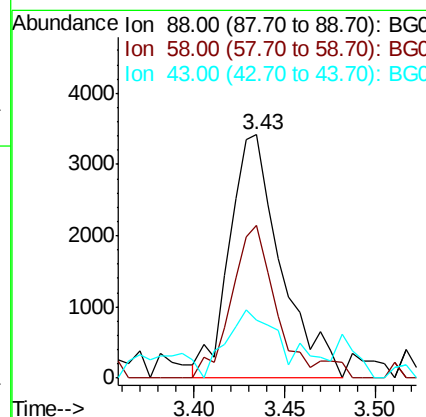
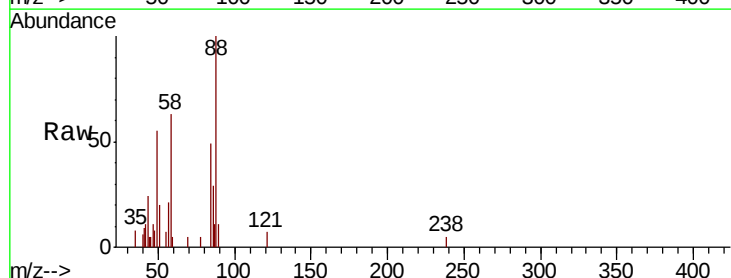
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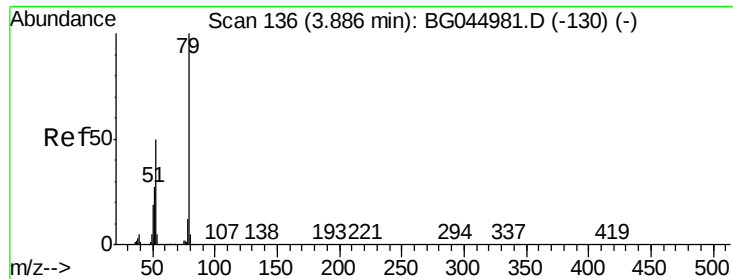


#2

1,4-Dioxane
Concen: 3.312 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	46.6	69.8
43	32.8	17.5	26.3





#3

Pvridine

Concen: 1.937 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

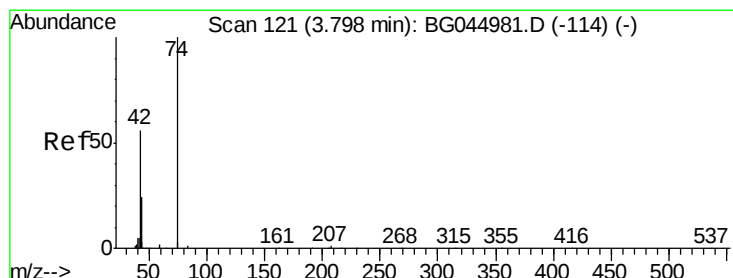
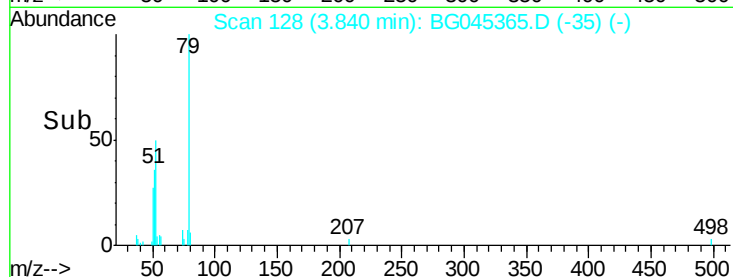
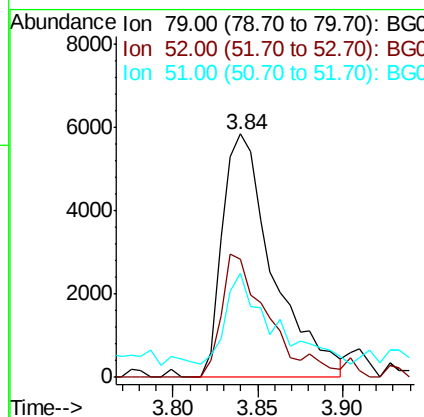
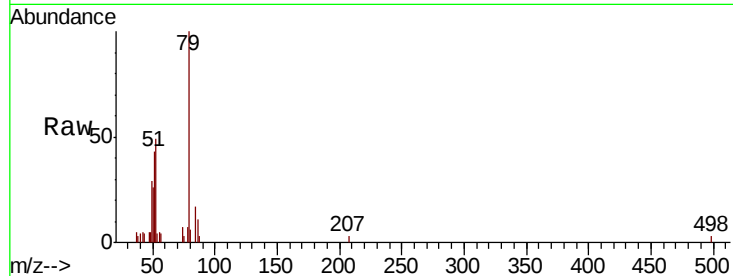
ClientSampleId :

PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	48.6	39.8	59.6
51	42.6	21.4	32.2#

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#4

n-Nitrosodimethylamine

Concen: 2.760 ng

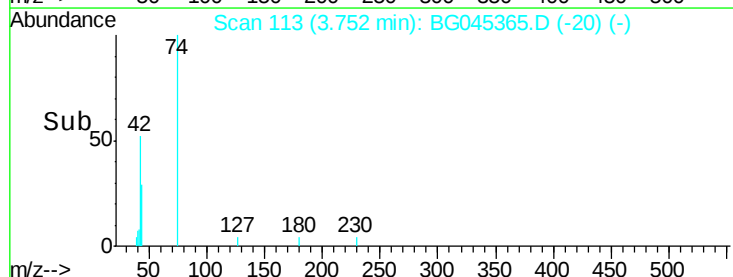
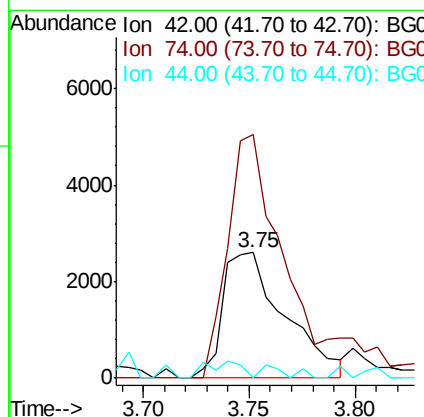
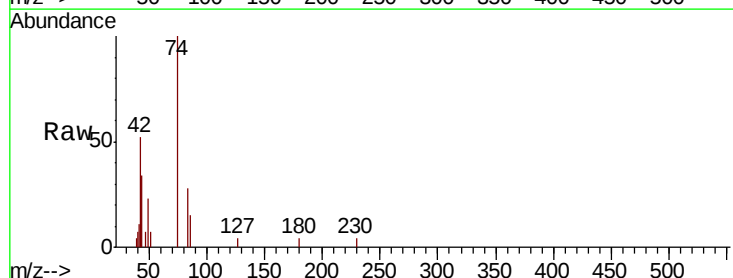
RT: 3.75 min Scan# 113

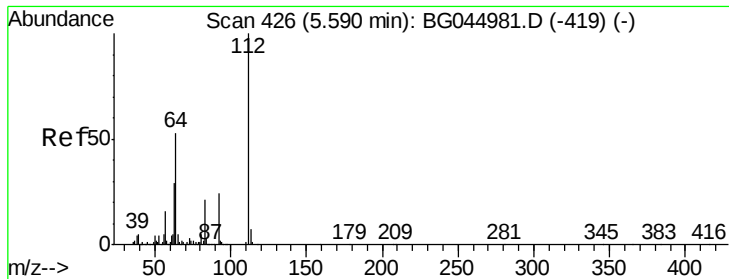
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	194.1	143.0	214.6
44	0.0	4.6	6.8#





#5

2-Fluorophenol

Concen: 12.169 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

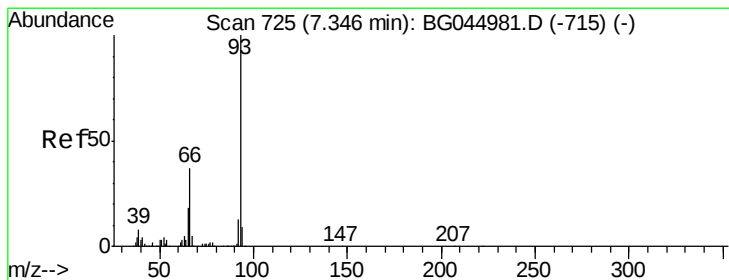
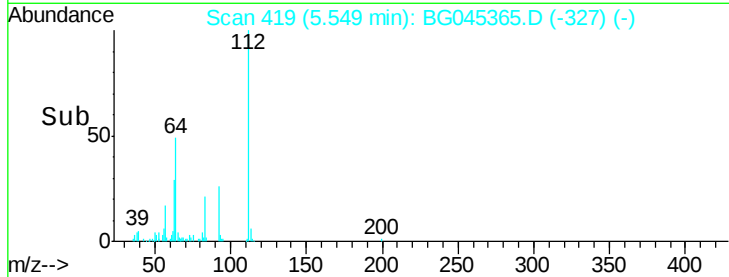
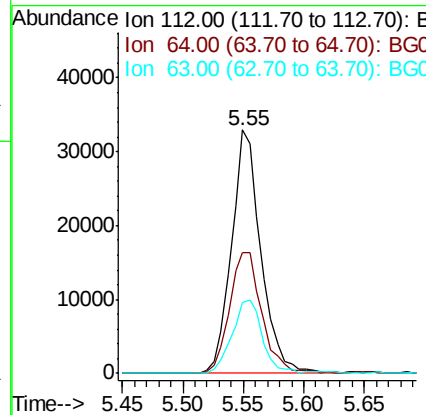
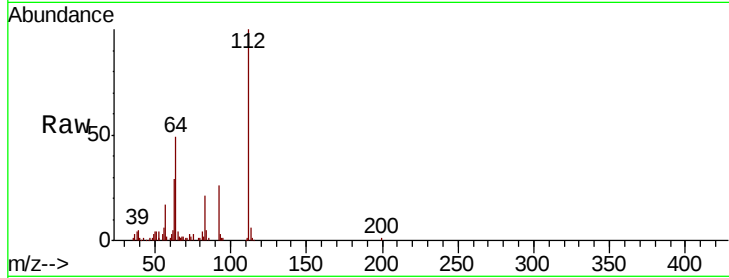
ClientSampleId :

PL-01-050820MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	55718		
64	49.3		42.4	63.6
63	29.2		23.1	34.7

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#6

Aniline

Concen: 2.425 ng

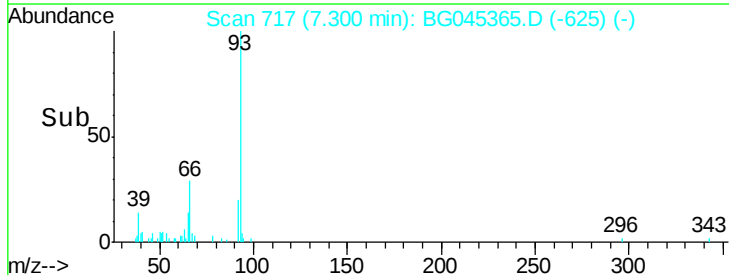
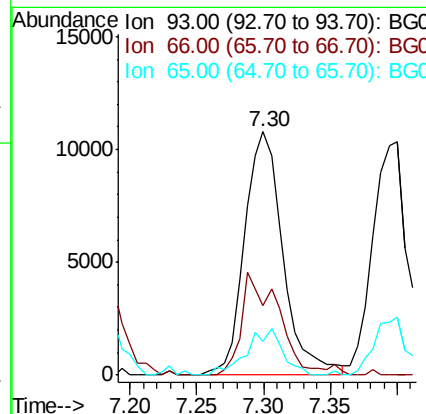
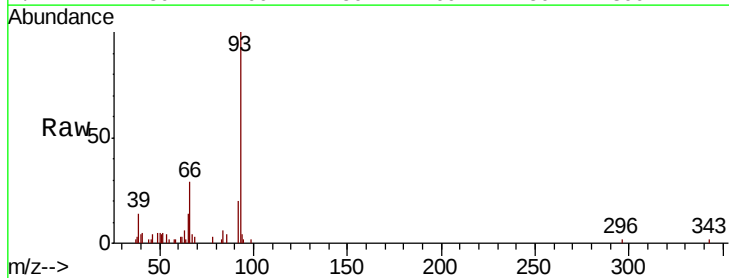
RT: 7.30 min Scan# 717

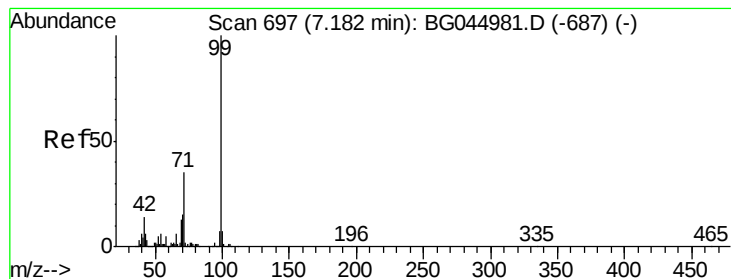
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	21447		
66	28.8		29.8	44.8#
65	13.8		14.6	22.0#





#7

Phenol-d6

Concen: 12.117 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

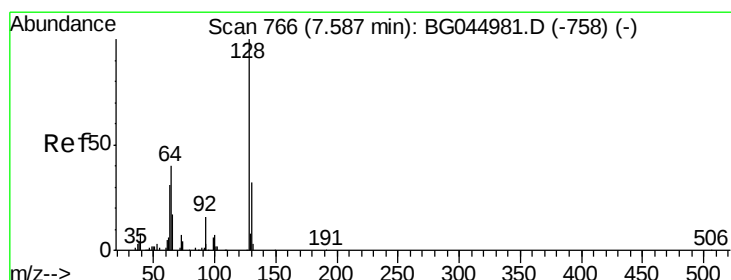
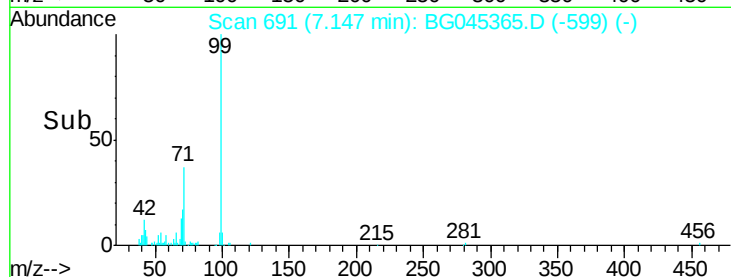
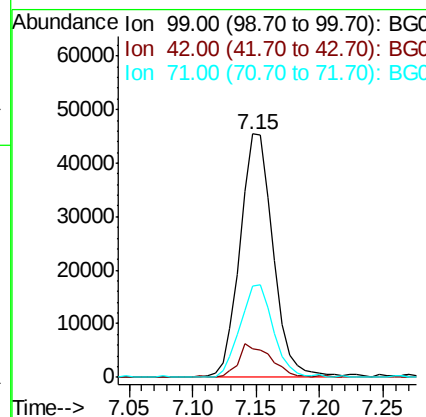
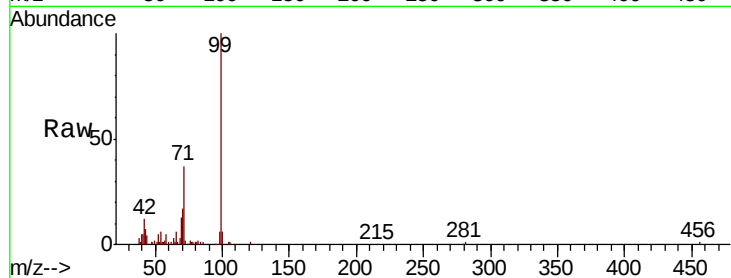
ClientSampleId :

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Tot Ion:	99	Resp:	82432
Ion Ratio	Lower	Upper	
99	100		
42	11.8	11.3	16.9
71	37.3	28.3	42.5

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#8

2-Chlorophenol

Concen: 3.831 ng

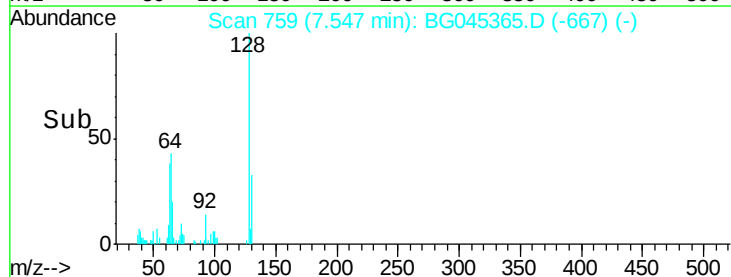
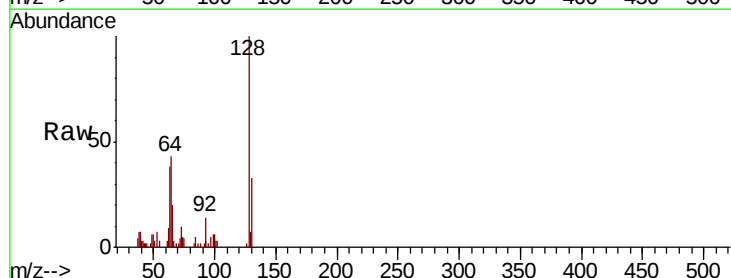
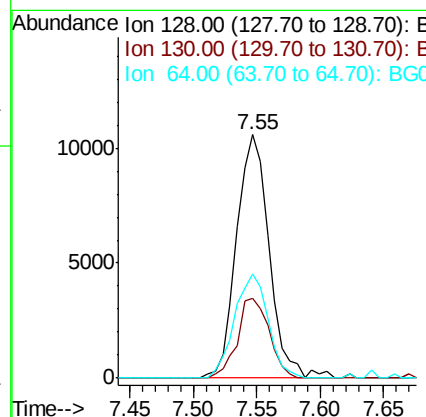
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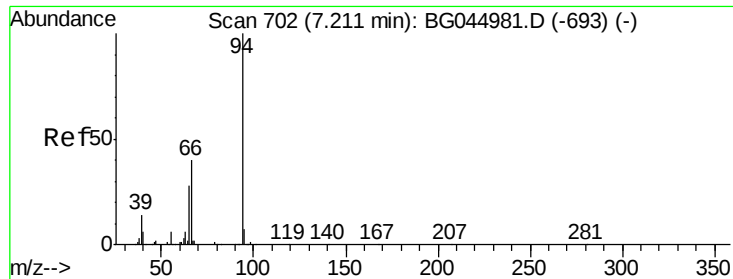
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	128	Resp:	18851
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.3	52.3
64	42.7	24.4	64.4





#10

Phenol

Concen: 3.743 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

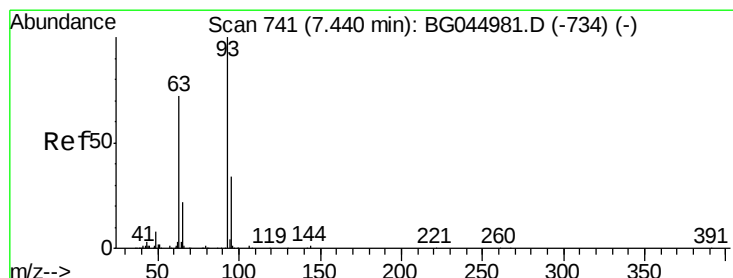
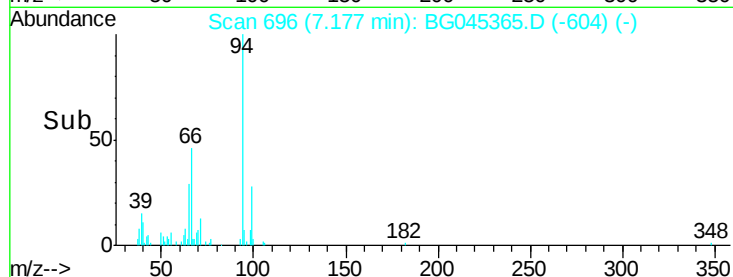
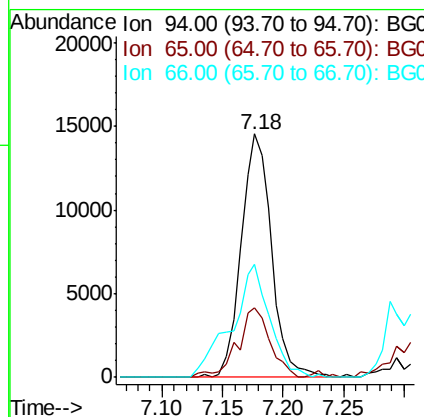
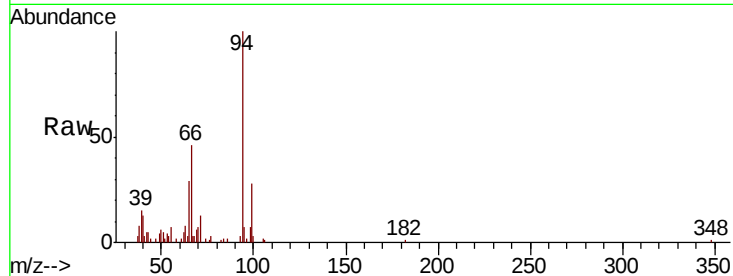
ClientSampleId :

PL-01-050820MSD

Tot Ion:	94	Resp:	25479
Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.2	48.2
66	46.5	20.4	60.4

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 3.523 ng

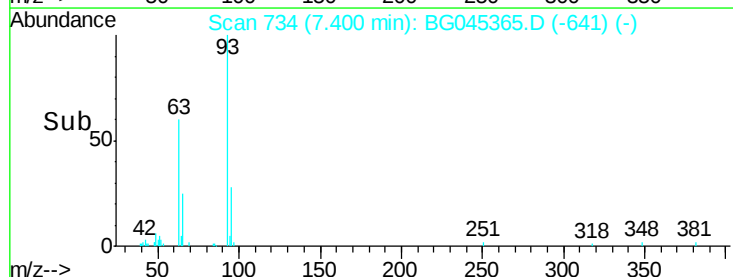
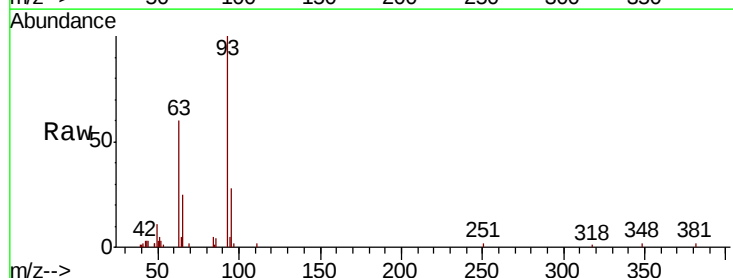
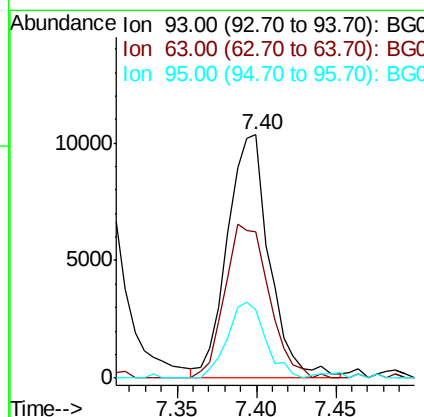
RT: 7.40 min Scan# 734

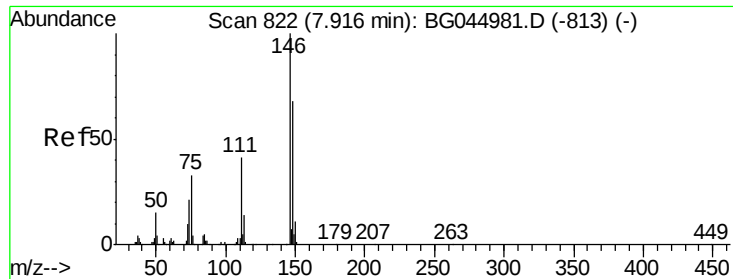
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	93	Resp:	19094
Ion	Ratio	Lower	Upper
93	100		
63	60.0	51.8	91.8
95	28.1	13.8	53.8





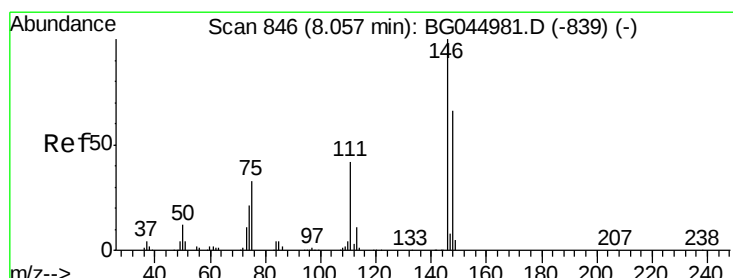
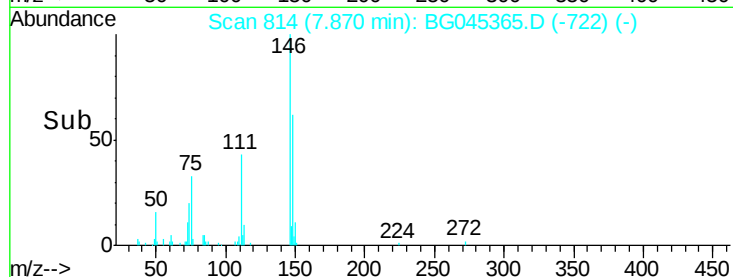
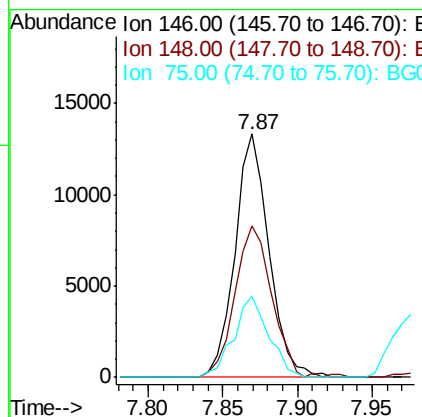
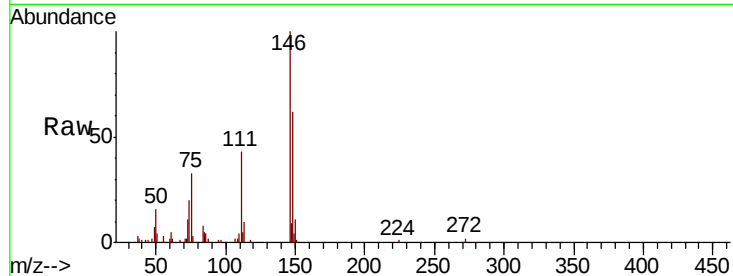
#12
 1,3-Dichlorobenzene
 Concen: 3.646 ng
 RT: 7.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	54.6	81.8
75	33.2	26.0	39.0

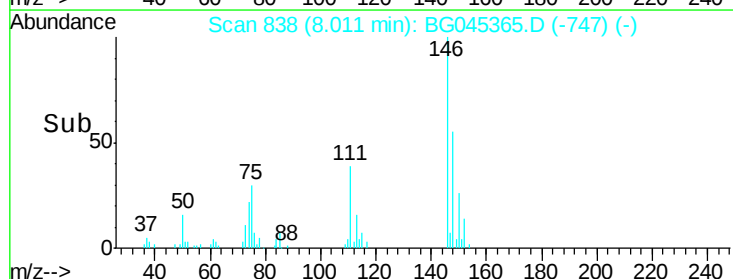
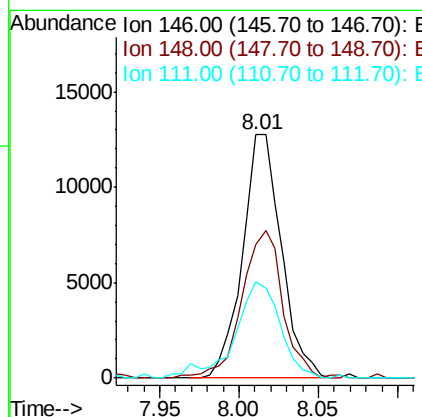
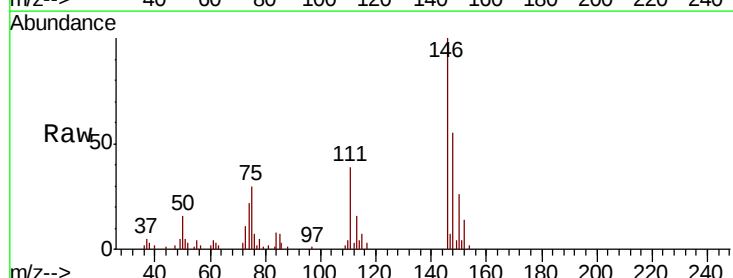
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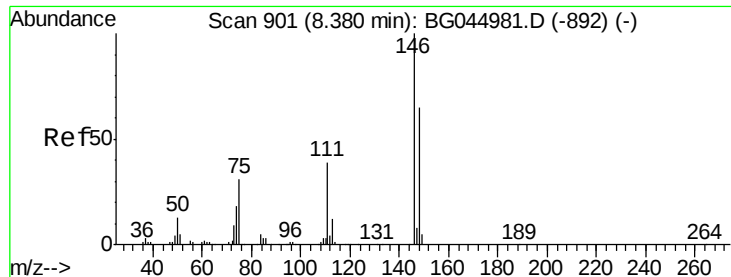
mohammad
 5/14/2020 11:54:24 AM



#13
 1,4-Dichlorobenzene
 Concen: 3.763 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	54.6	53.3	79.9
111	39.4	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 4.022 ng

RT: 8.33 min Scan# 893

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

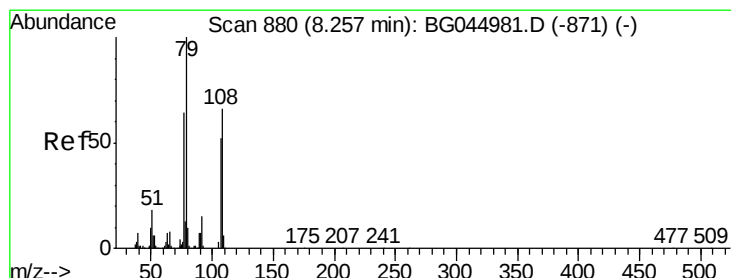
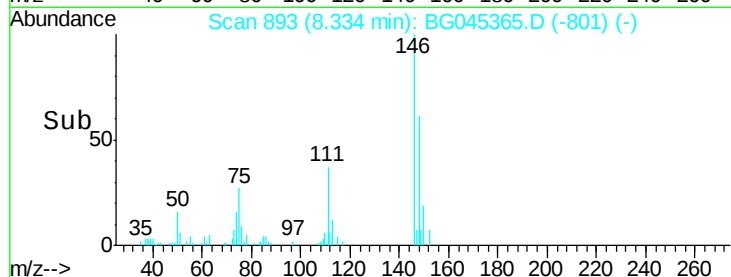
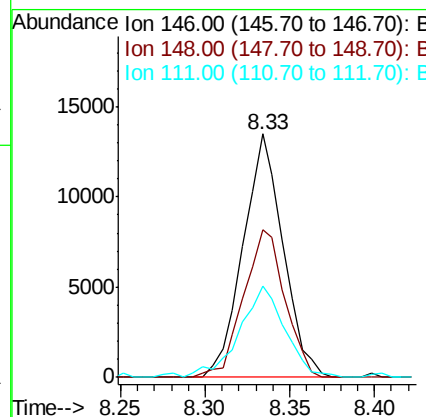
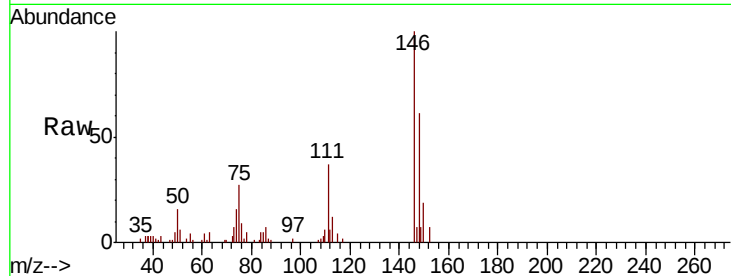
ClientSampleId :

PL-01-050820MSD

Tot Ion:	146	Resp:	22231
Ion Ratio	Lower	Upper	
146	100		
148	60.8	51.9	77.9
111	37.4	31.3	46.9

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#15

Benzyl Alcohol

Concen: 3.212 ng

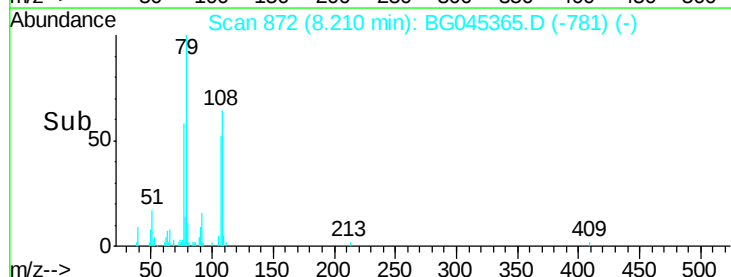
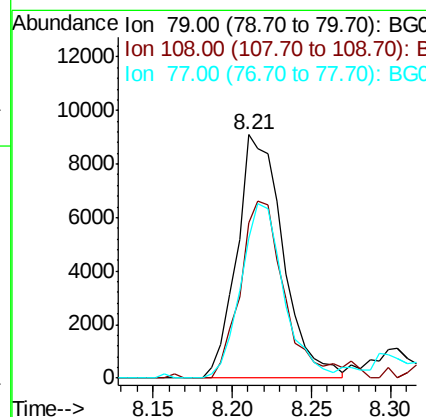
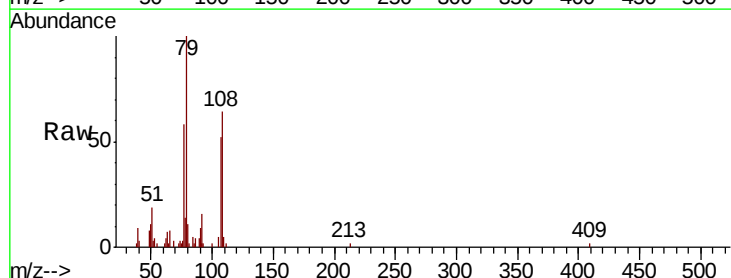
RT: 8.21 min Scan# 872

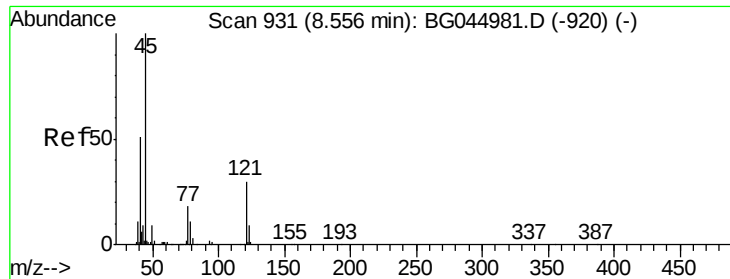
Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	79	Resp:	18321
Ion Ratio	Lower	Upper	
79	100		
108	63.9	52.7	79.1
77	57.6	51.3	76.9





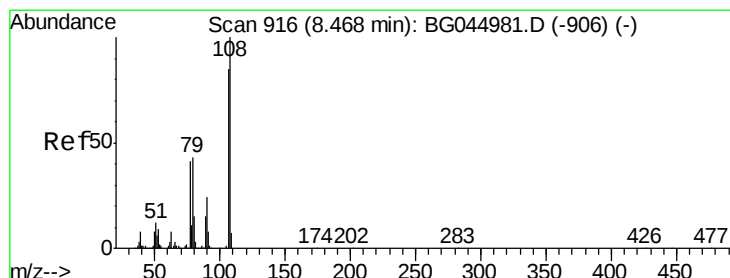
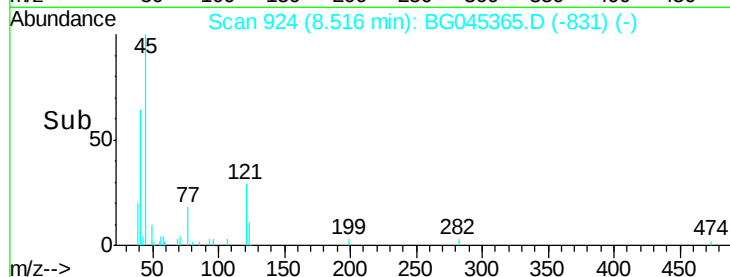
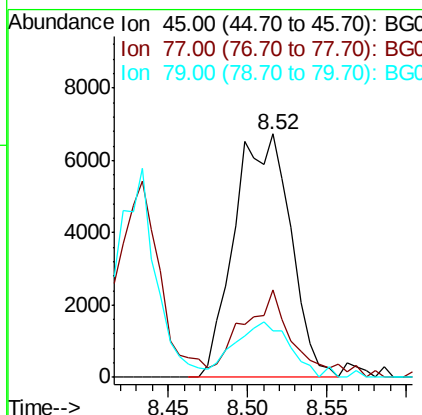
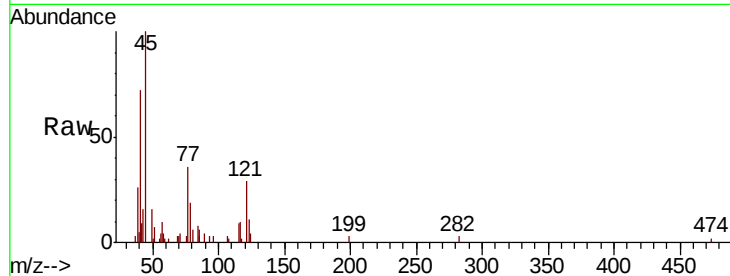
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 3.117 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
45	100		
77	36.1	1.9	41.9
79	19.1	0.0	35.5

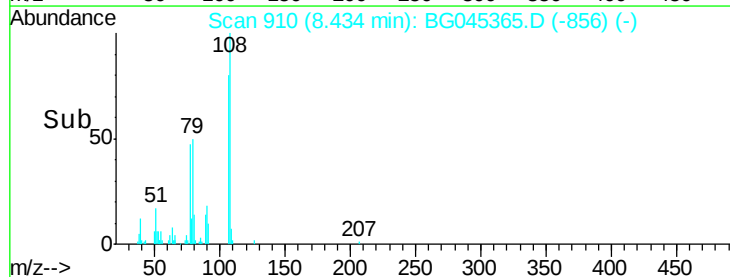
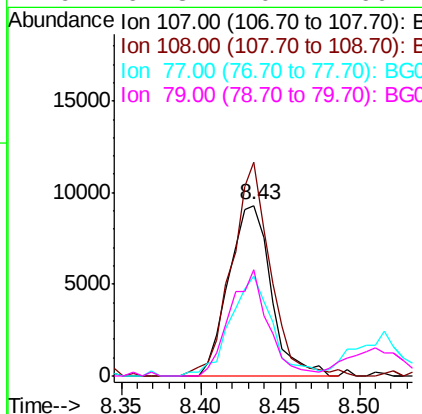
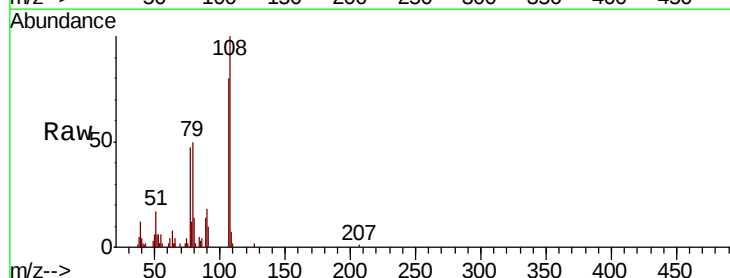
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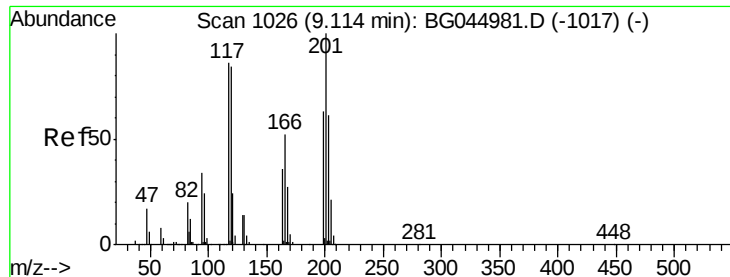
mohammad
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#17
2-Methylphenol
Concen: 3.267 ng
RT: 8.43 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	125.3	93.8	140.6
77	58.4	38.5	57.7#
79	62.3	40.1	60.1#





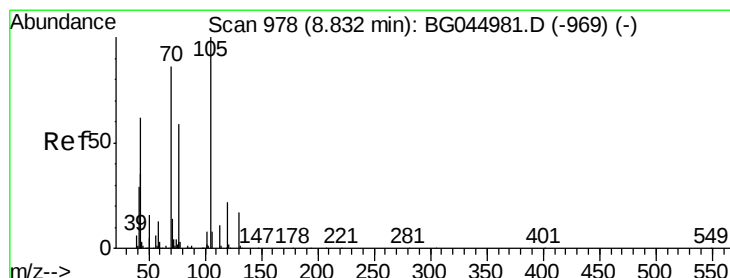
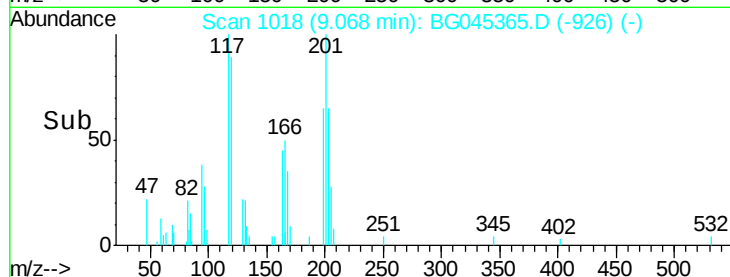
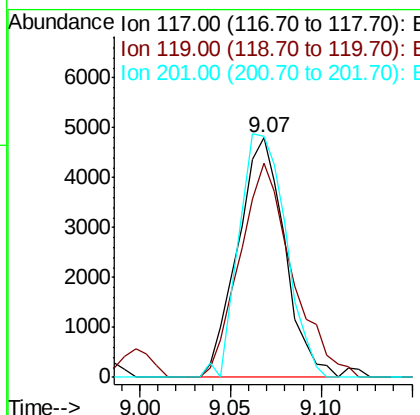
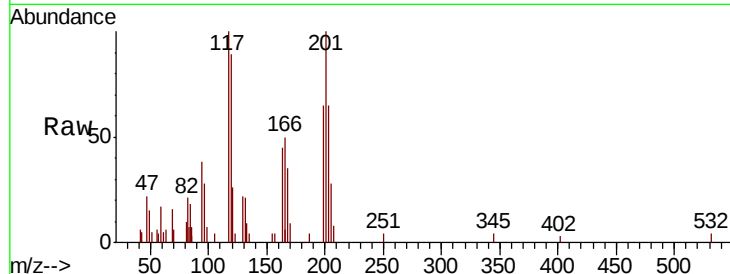
#18
Hexachloroethane
Concen: 3.997 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.6	78.3	117.5
201	100.5	92.9	139.3

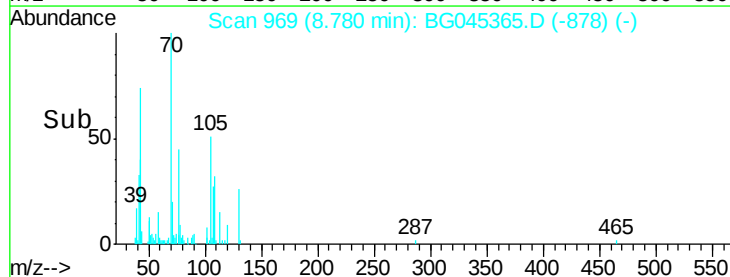
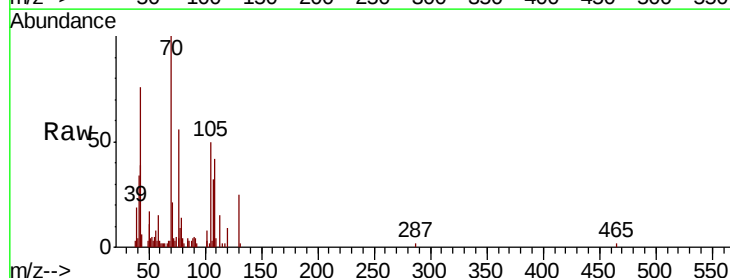
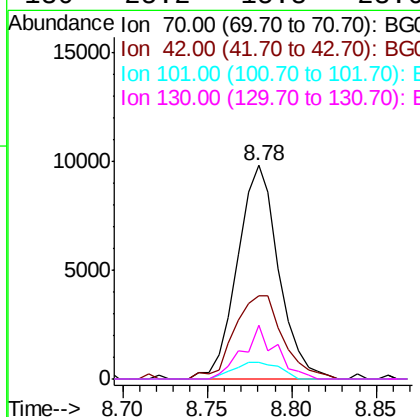
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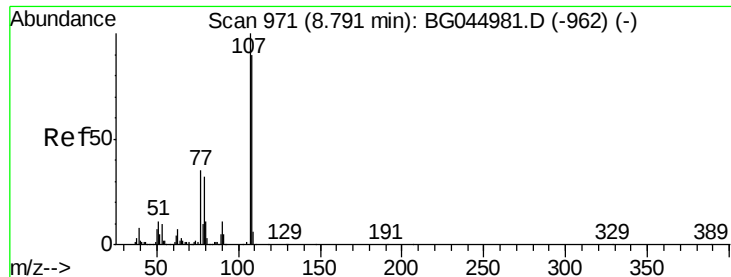
mohammad
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#19
n-Nitroso-di-n-propylamine
Concen: 3.462 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.1	33.3	49.9
101	7.8	7.8	11.8#
130	25.2	15.8	23.6#





#20

3+4-Methylphenols

Concen: 3.219 ng

RT: 8.76 min Scan# 966

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

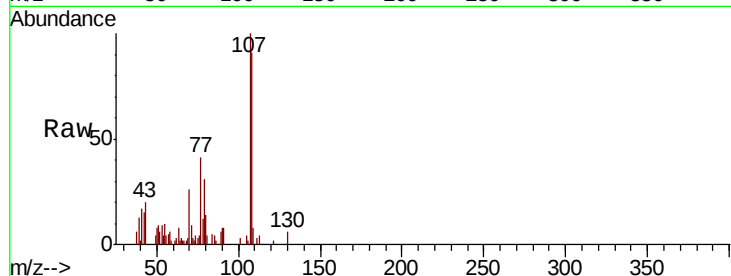
ClientSampleId :

PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.9	109.9
77	41.1	15.2	55.2
79	30.7	11.6	51.6

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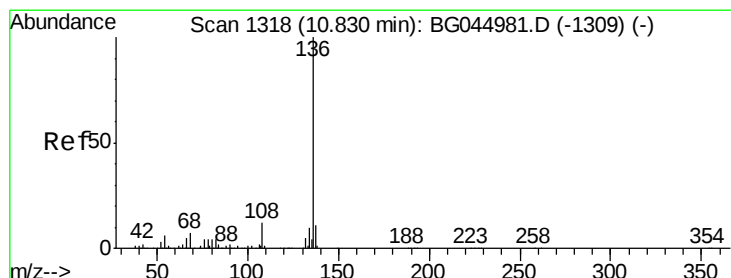
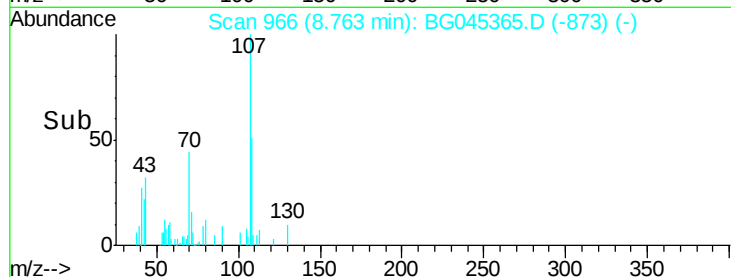
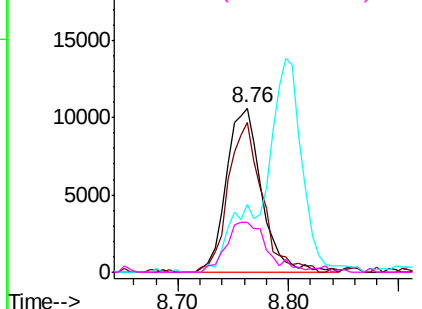
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	6.6	4.8	7.2
68	5.4	5.2	7.8

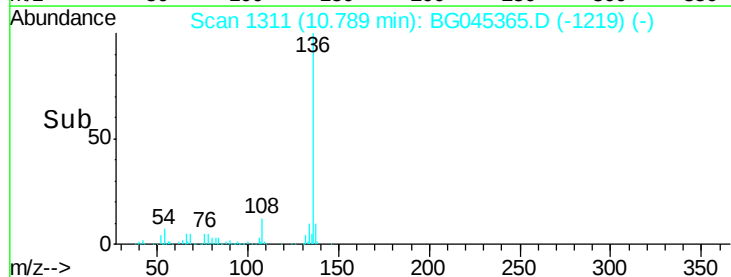
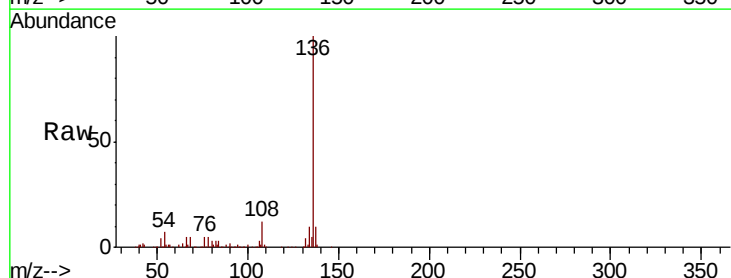
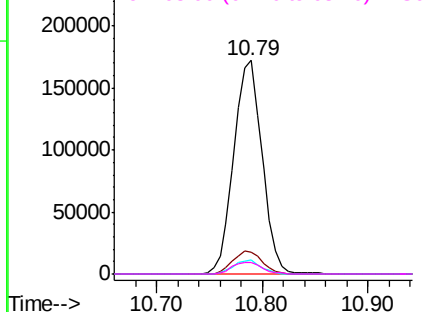
Abundance

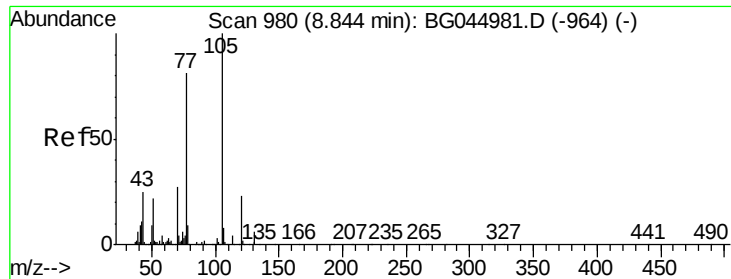
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 3.795 ng

RT: 8.80 min Scan# 973

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

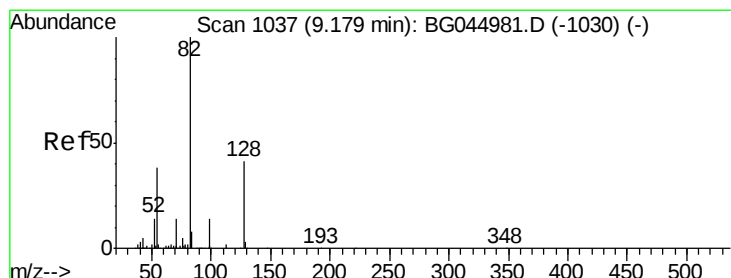
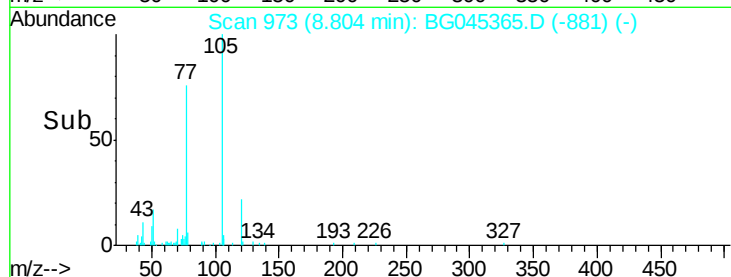
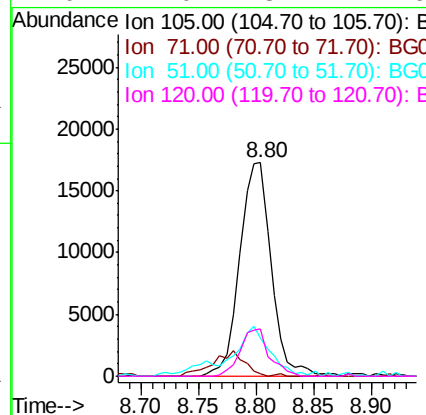
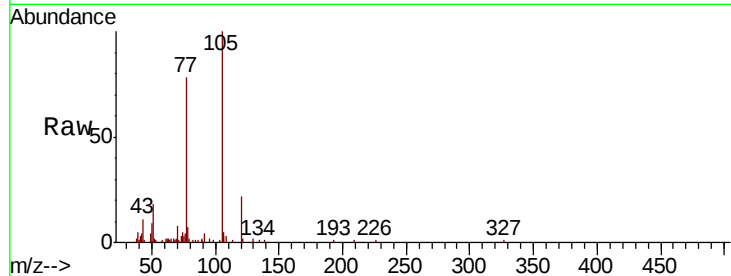
ClientSampleId :

PL-01-050820MSD

Tot Ion:	105	Resp:	32764
Ion Ratio	Lower	Upper	
105	100		
71	1.4	3.3	4.9#
51	18.2	17.3	25.9
120	22.0	18.4	27.6

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#23

Nitrobenzene-d5

Concen: 7.670 ng

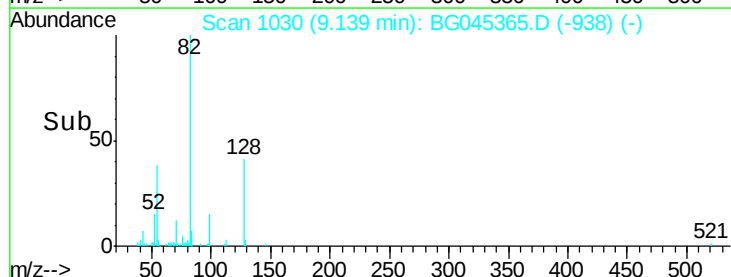
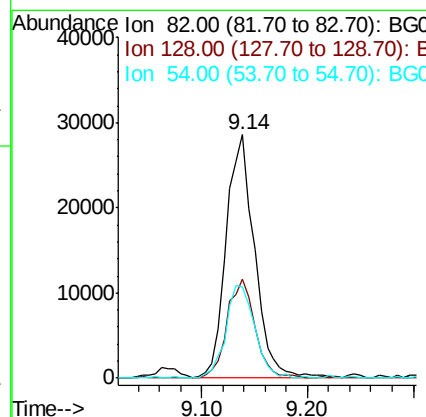
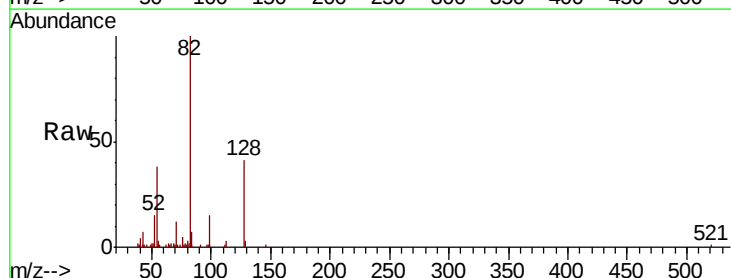
RT: 9.14 min Scan# 1030

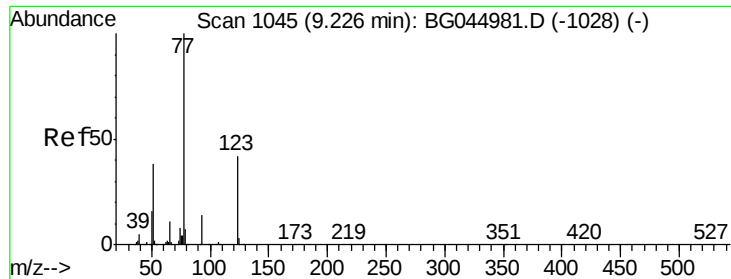
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	82	Resp:	53668
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.4
54	37.5	30.4	45.6





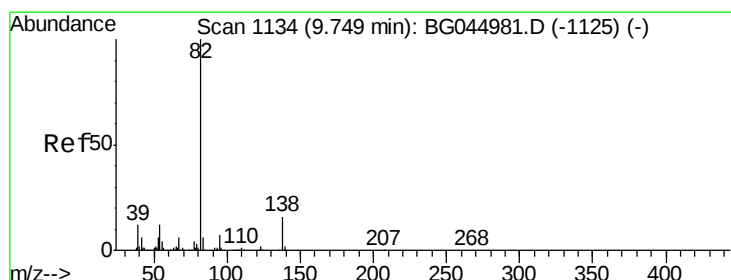
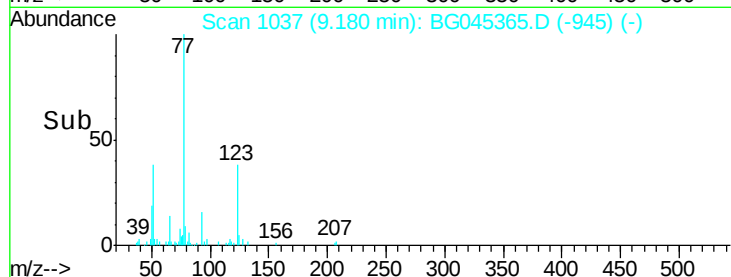
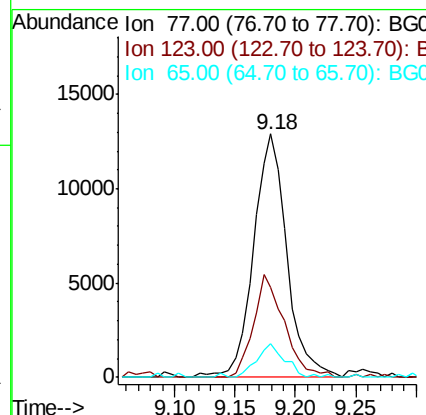
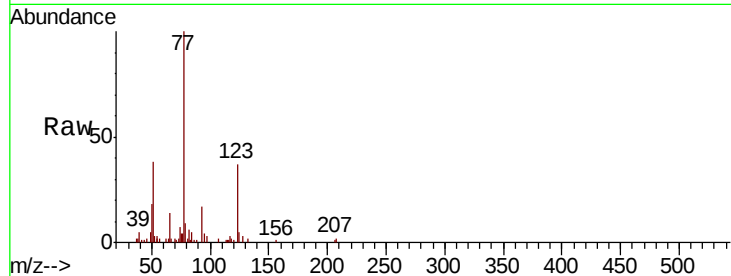
#24
Nitrobenzene
Concen: 3.459 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.2	34.3	51.5
65	13.8	8.9	13.3#

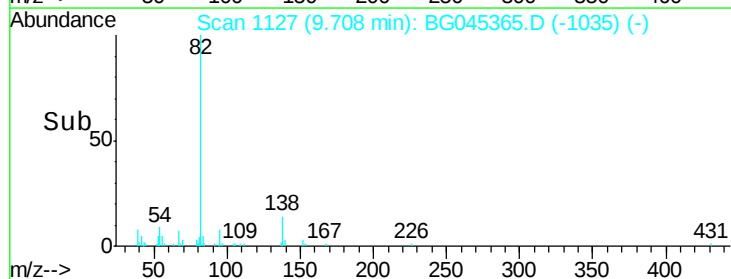
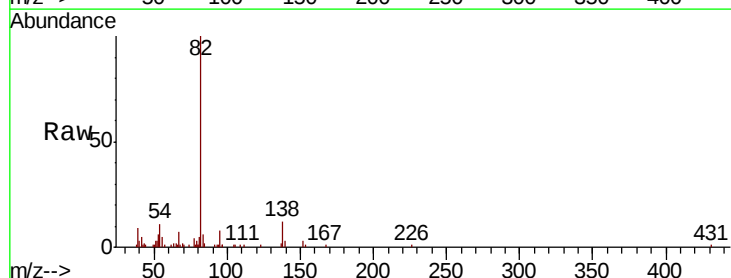
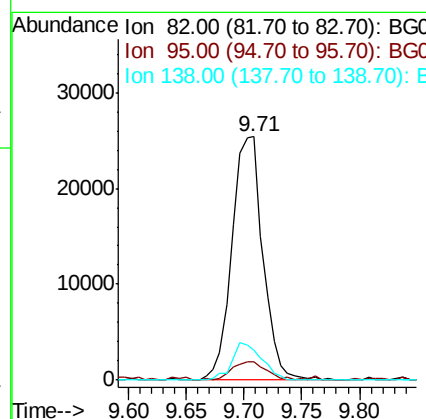
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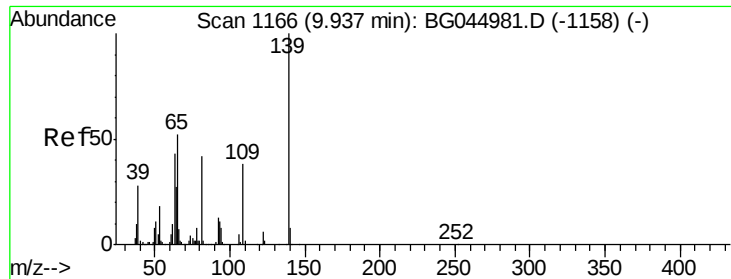
mohammad
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#25
Isophorone
Concen: 3.295 ng
RT: 9.71 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	12.4	12.7	19.1#





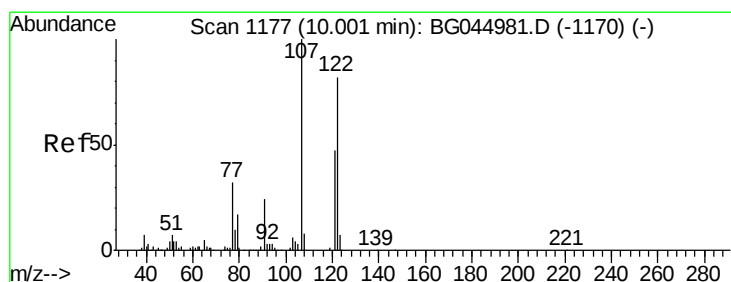
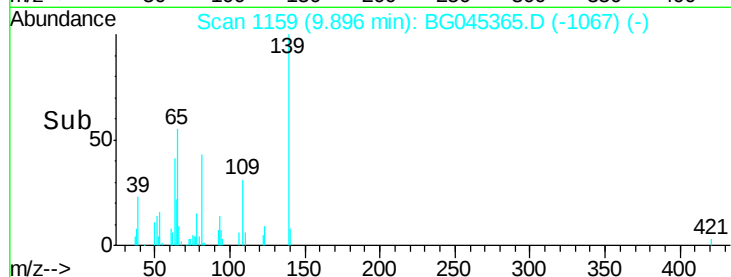
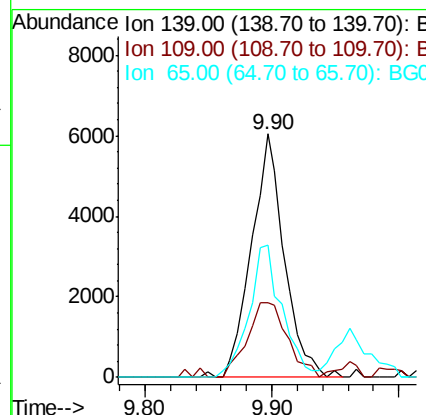
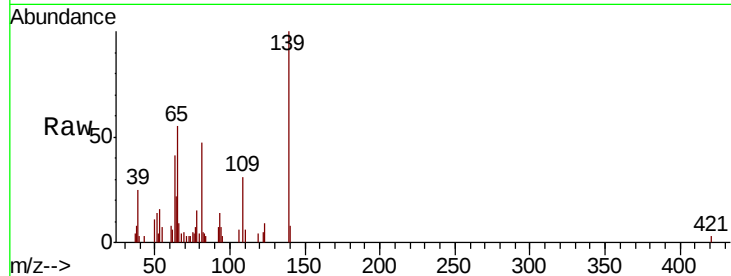
#26
2-Nitrophenol
Concen: 3.542 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion:	139	Resp:	10944
Ion Ratio	Lower	Upper	
139	100		
109	30.7	30.6	45.8
65	54.5	41.8	62.6

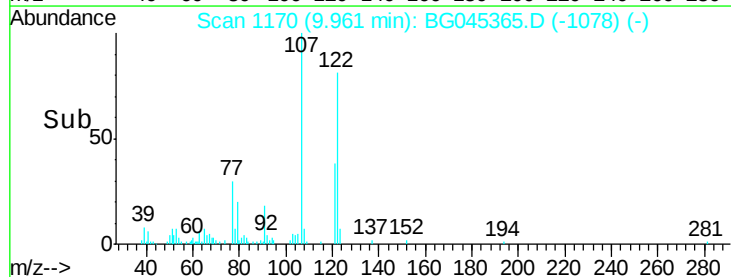
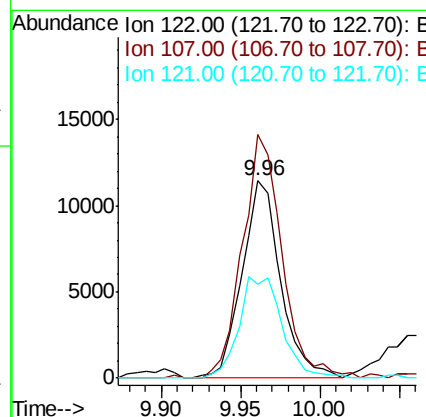
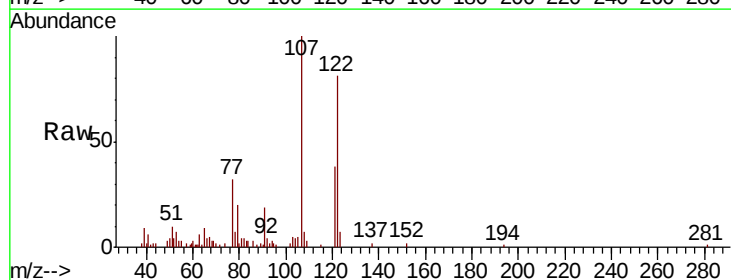
Manual Integrations
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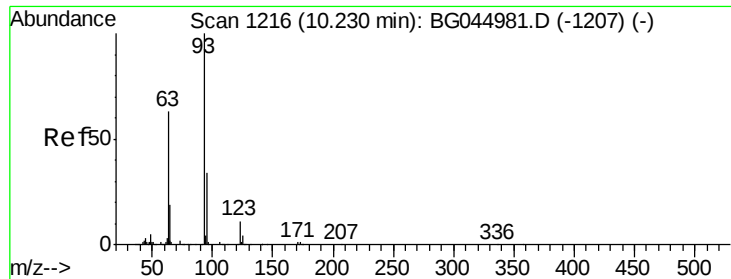
mohammad
5/14/2020 11:54:24 AM



#27
2,4-Dimethylphenol
Concen: 3.928 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:	122	Resp:	19256
Ion Ratio	Lower	Upper	
122	100		
107	123.5	96.8	145.2
121	47.3	45.6	68.4





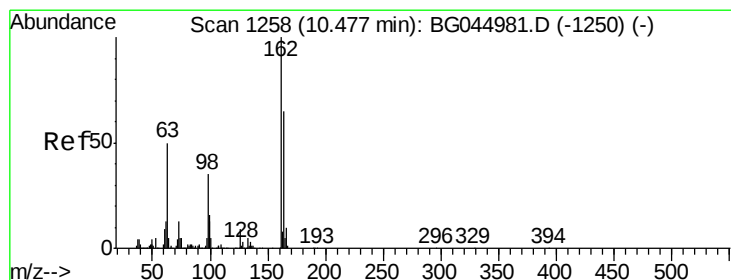
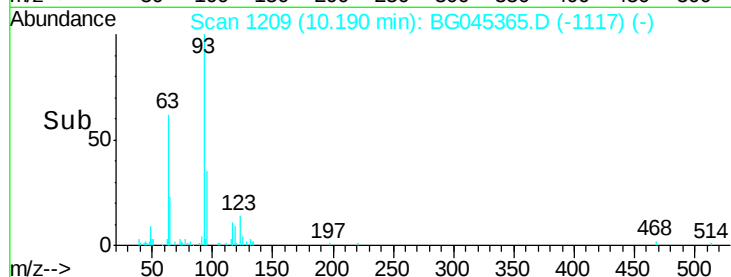
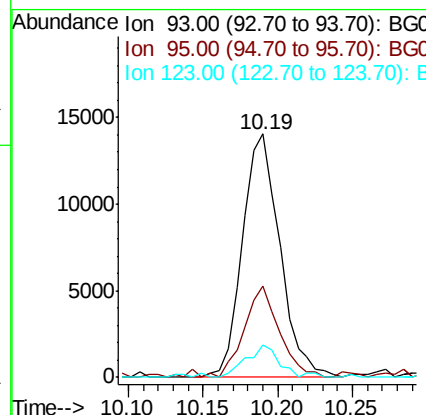
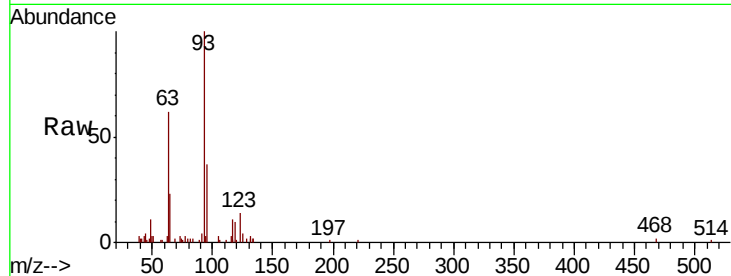
#28
bis(2-Chloroethoxy)methane
Concen: 3.245 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	37.3	27.0	40.4
123	13.5	8.7	13.1

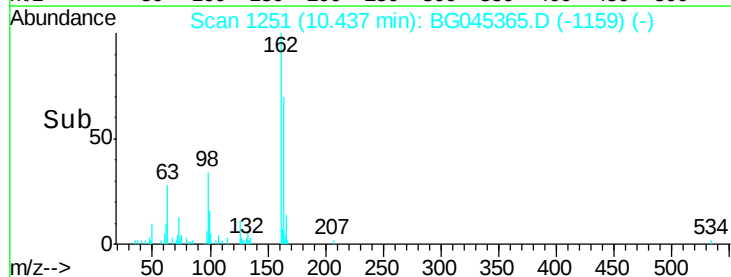
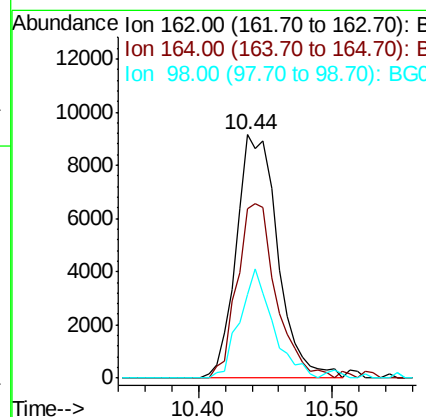
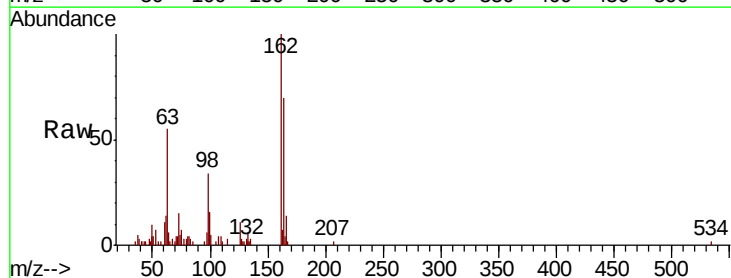
Manual Integrations
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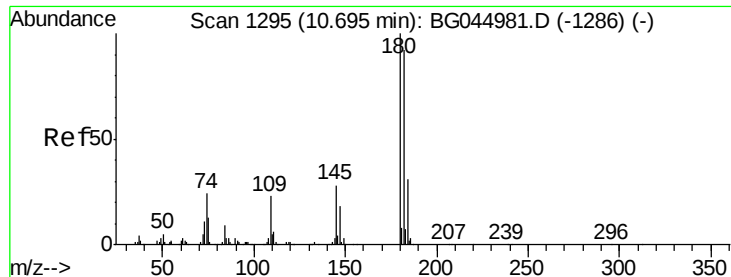
mohammad
5/14/2020 11:54:24 AM



#29
2,4-Dichlorophenol
Concen: 3.475 ng
RT: 10.44 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
162	100		
164	69.7	45.0	85.0
98	34.5	15.2	55.2





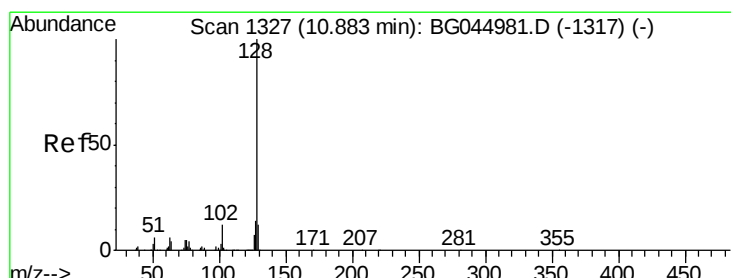
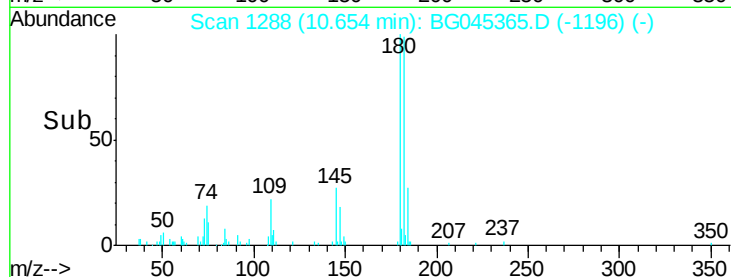
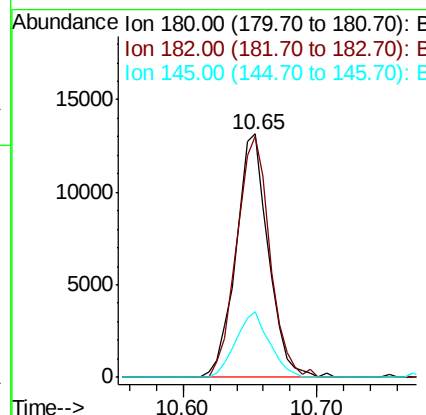
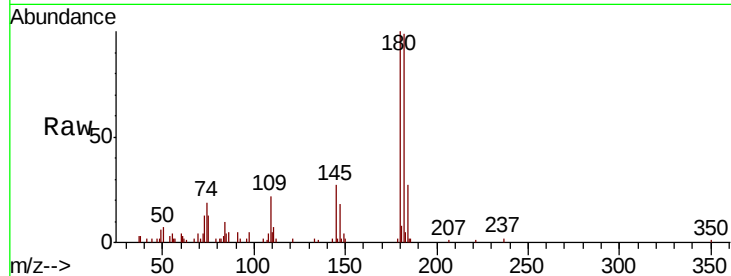
#30
 1,2,4-Trichlorobenzene
 Concen: 3.467 ng
 RT: 10.65 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion:	180	Resp:	22217
Ion Ratio	Lower	Upper	
180	100		
182	99.2	73.3	109.9
145	26.8	22.6	33.8

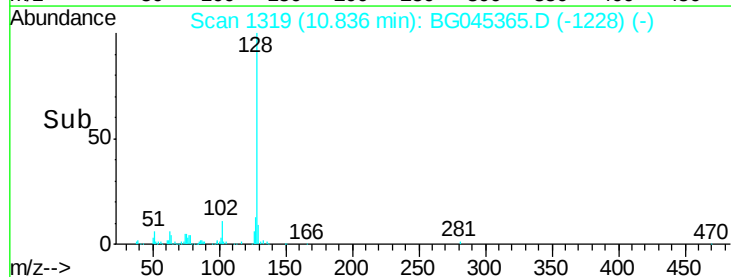
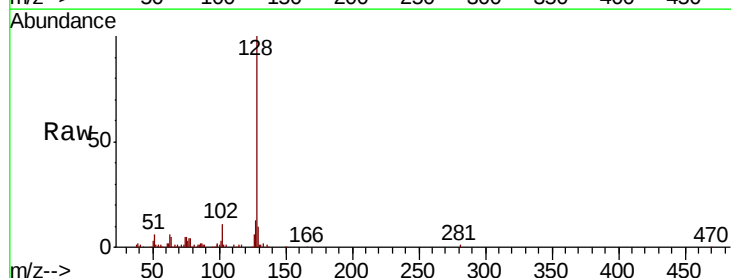
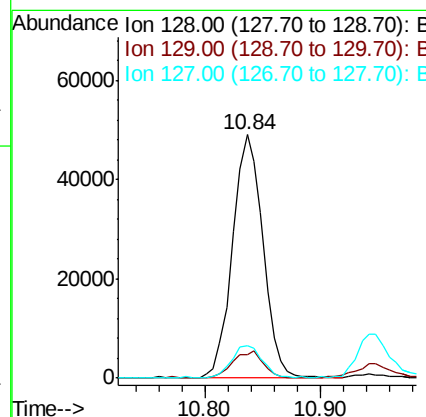
Manual Integrations
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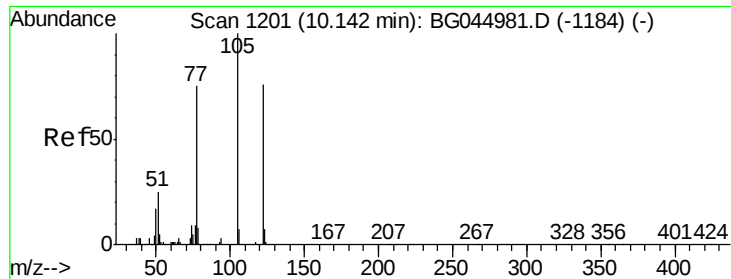
mohammad
 5/14/2020 11:54:24 AM



#31
 Naphthalene
 Concen: 5.139 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:	128	Resp:	89762
Ion Ratio	Lower	Upper	
128	100		
129	9.7	9.4	14.2
127	13.4	10.8	16.2





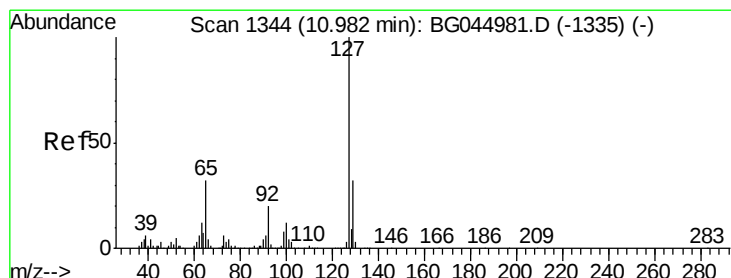
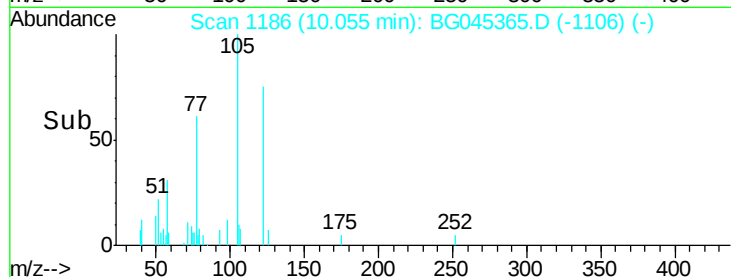
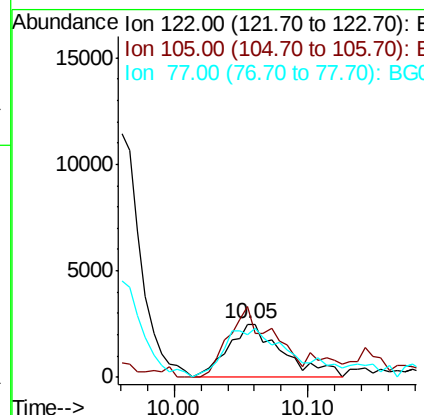
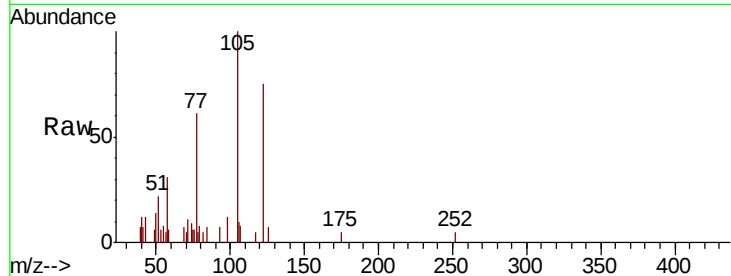
#32
Benzoic acid
Concen: 7.944 ng
RT: 10.05 min Scan# 1186
Delta R.T. -0.06 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
122	100		
105	133.3	108.4	148.4
77	80.7	78.8	118.8

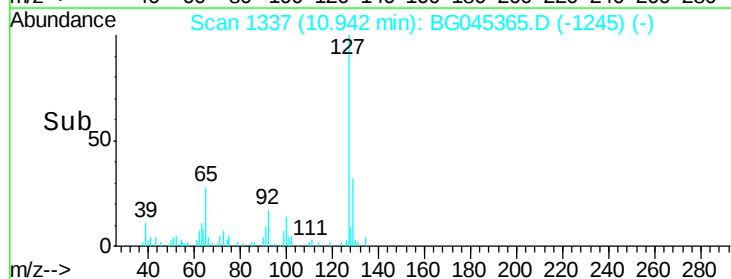
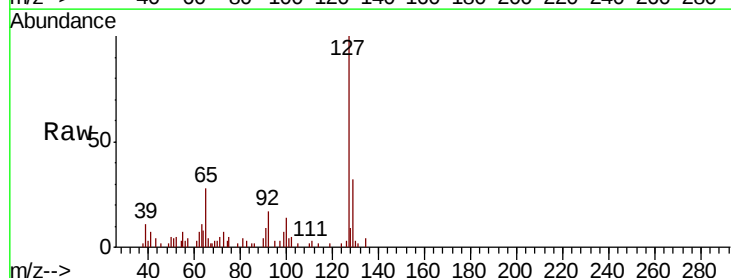
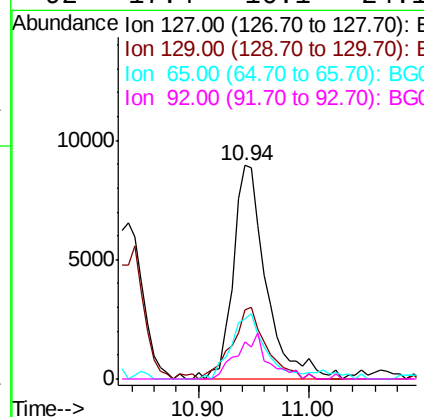
Manual Integrations
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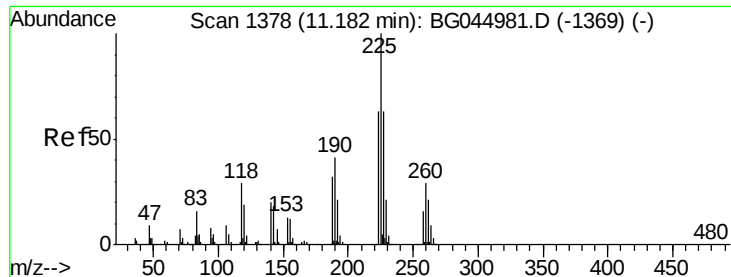
mohammad
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#33
4-Chloroaniline
Concen: 2.300 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	28.1	25.4	38.2
92	17.4	16.1	24.1





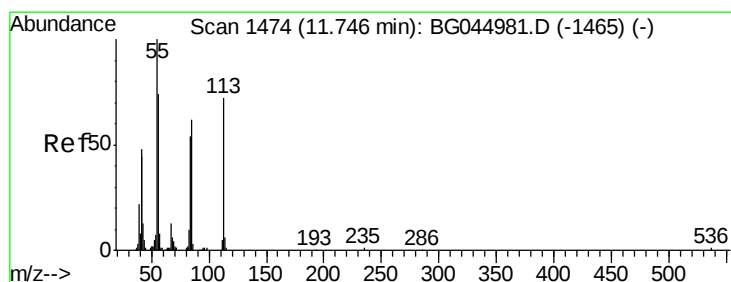
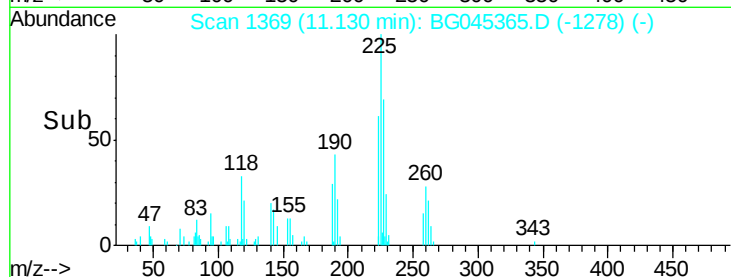
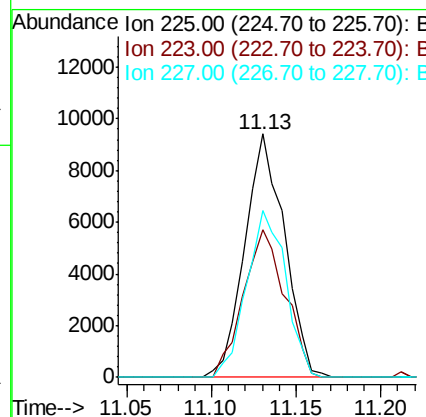
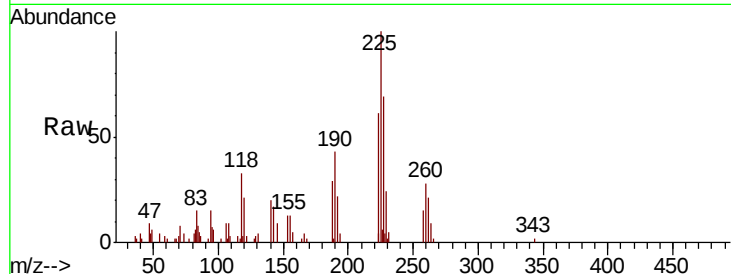
#34
Hexachlorobutadiene
Concen: 3.503 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.7	76.1
227	68.8	50.2	75.2

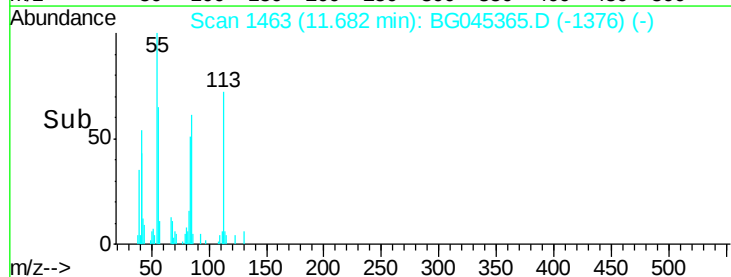
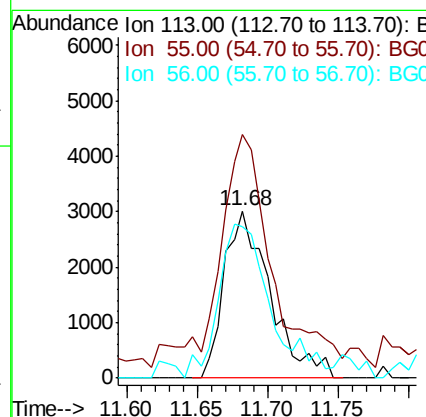
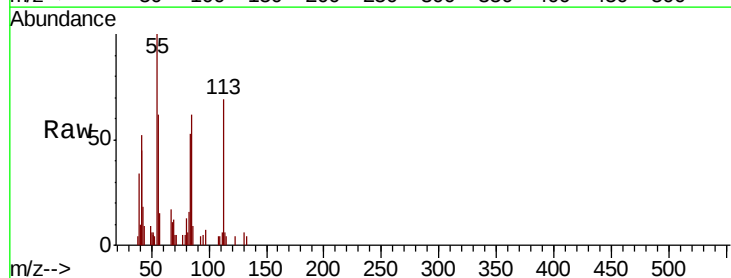
Manual Integrations
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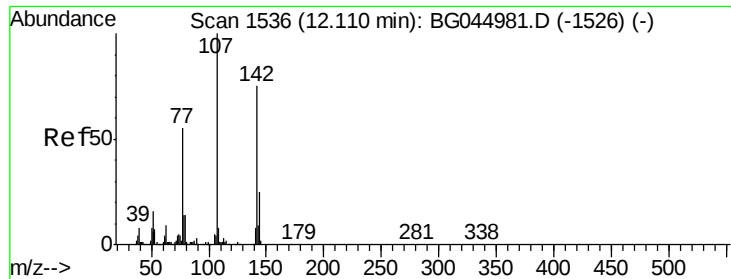
mohammad
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#35
Caprolactam
Concen: 3.028 ng
RT: 11.68 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
113	100		
55	145.5	118.8	158.8
56	90.7	82.6	122.6





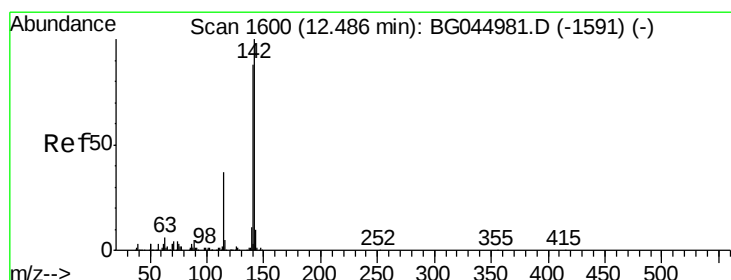
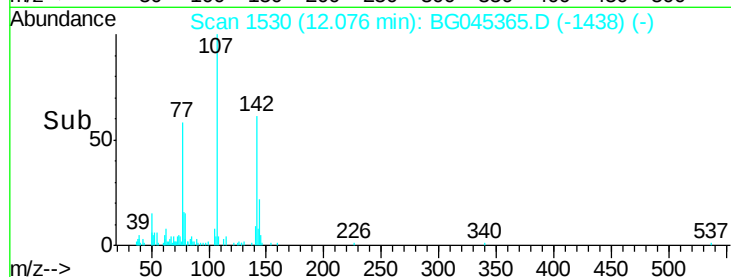
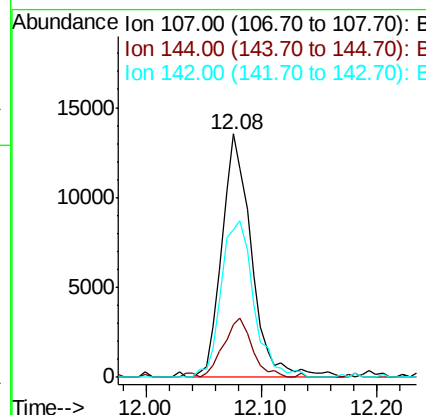
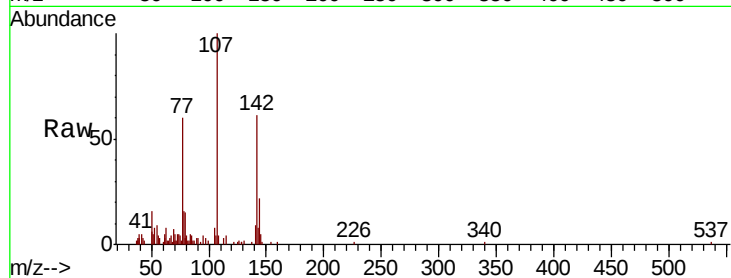
#36
 4-Chloro-3-methylphenol
 Concen: 3.625 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.8	19.8	29.6
142	60.8	59.7	89.5

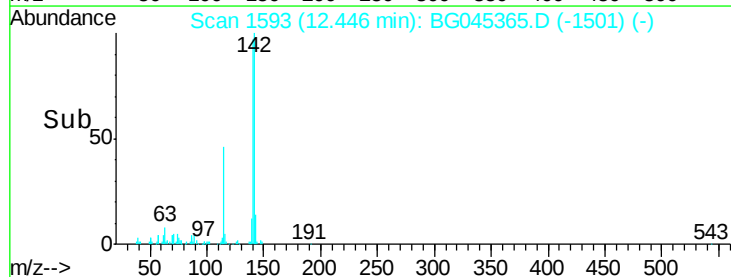
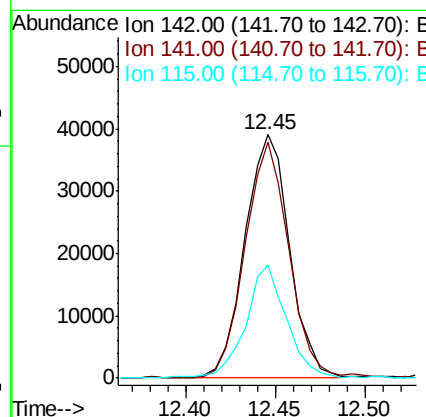
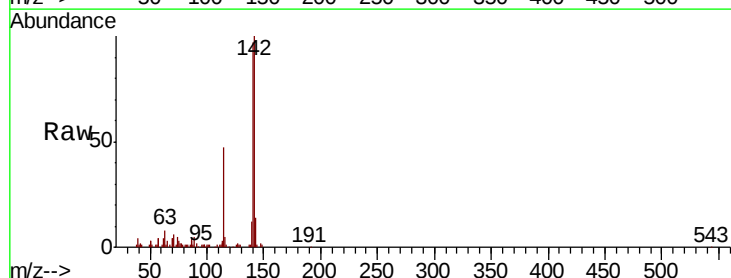
Manual Integrations
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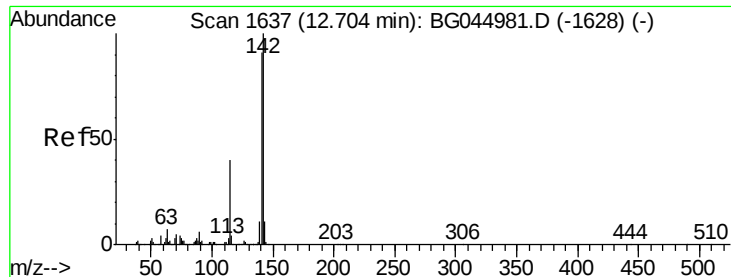
mohammad
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#37
 2-Methylnaphthalene
 Concen: 5.002 ng m
 RT: 12.45 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	70.3	105.5
115	46.6	29.8	44.6#





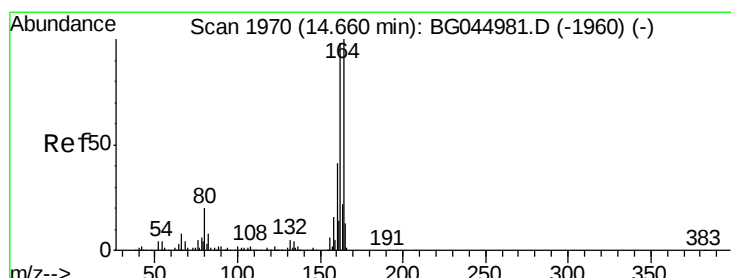
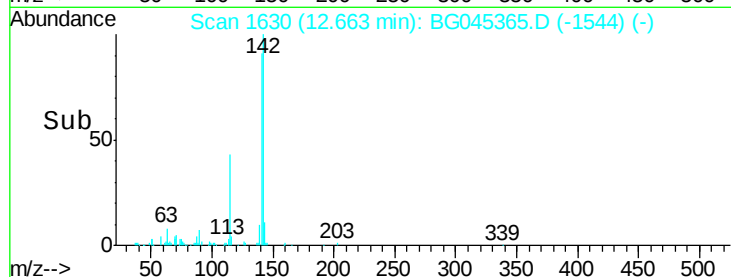
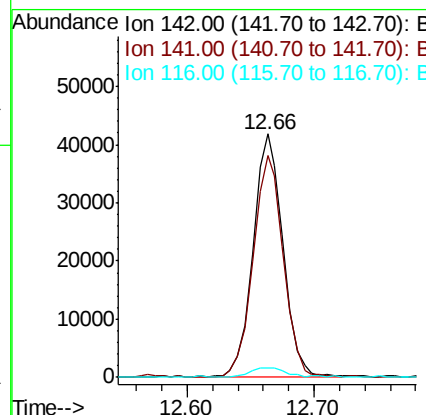
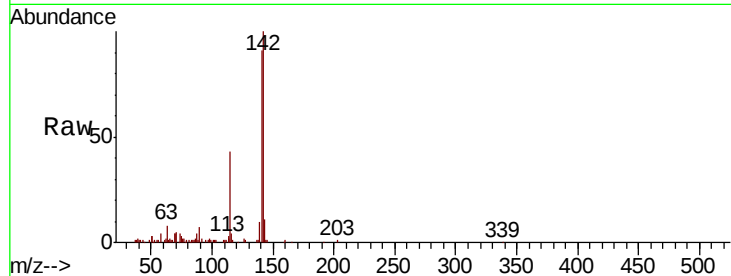
#38
1-Methylnaphthalene
Concen: 5.362 ng
RT: 12.66 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.7	109.1
116	4.1	3.1	4.7

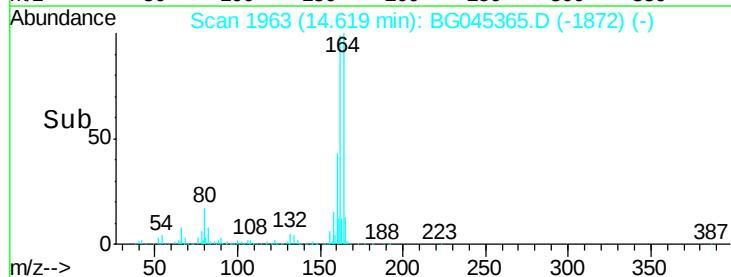
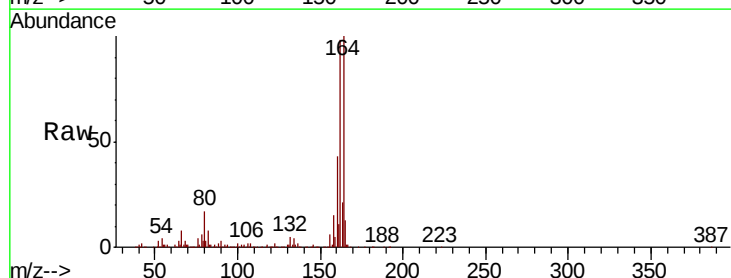
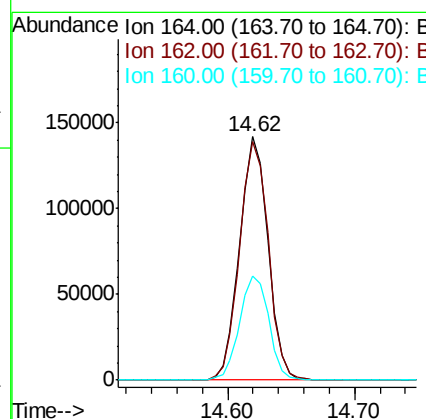
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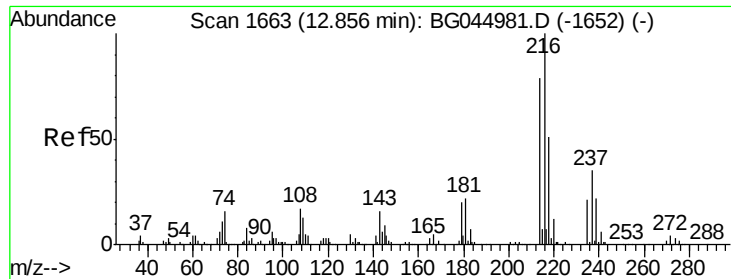
mohammad
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	78.7	118.1
160	42.9	32.8	49.2





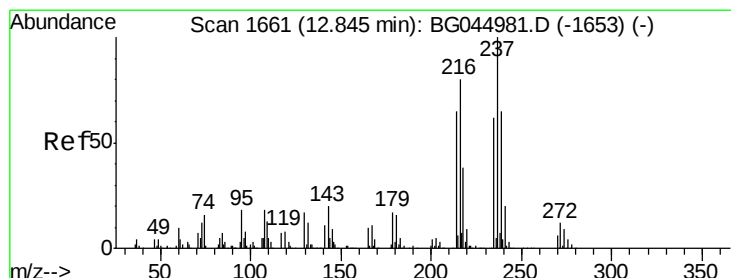
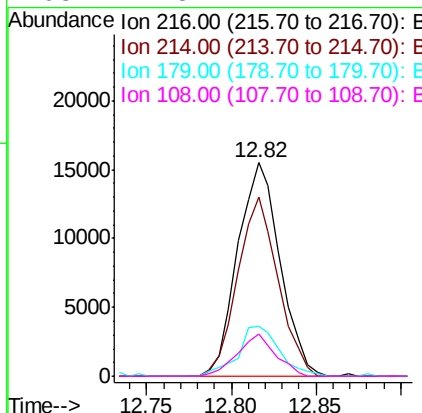
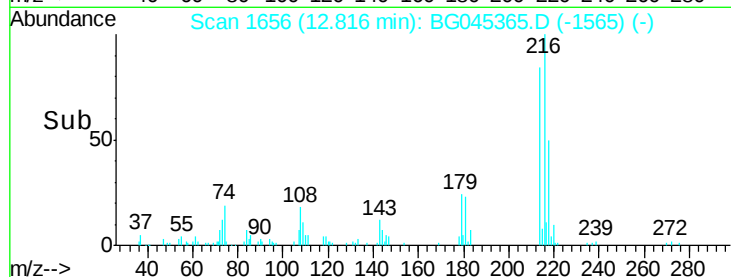
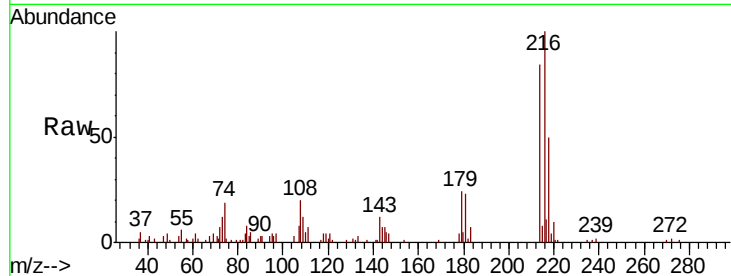
#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.817 ng
RT: 12.82 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.6
179	22.8	15.8	23.8
108	17.8	14.2	21.2

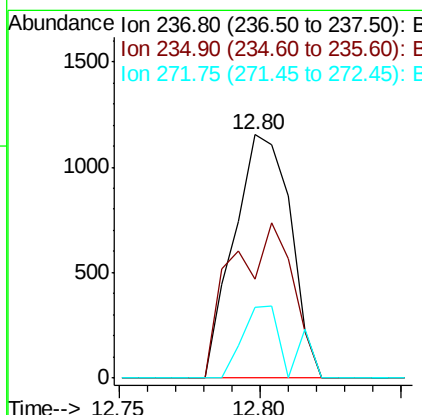
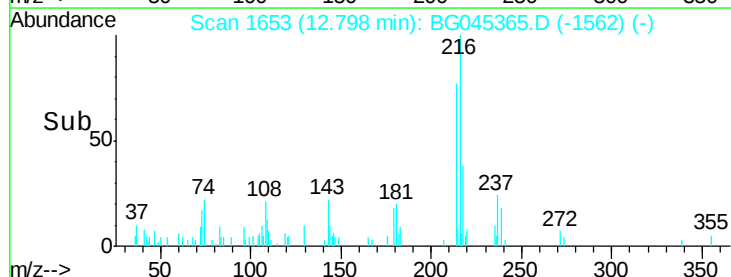
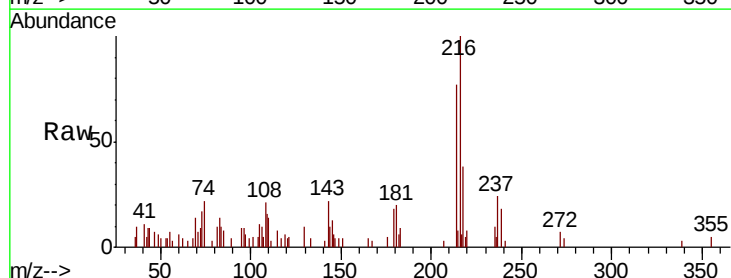
Manual Integrations
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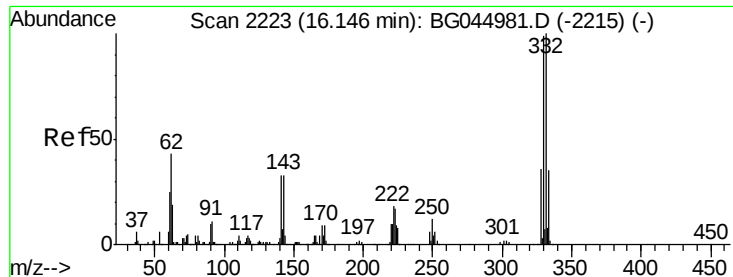
mohammad
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#41
Hexachlorocyclopentadiene
Concen: 0.361 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	40.4	41.6	81.6#
272	29.0	0.0	32.1





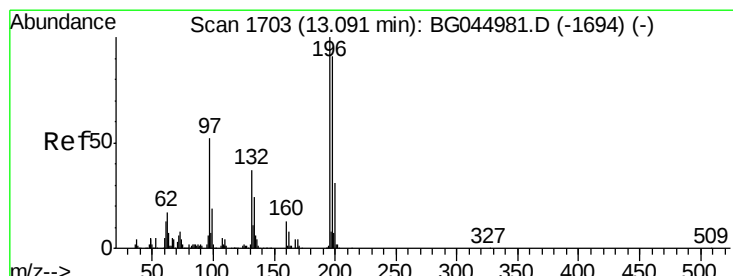
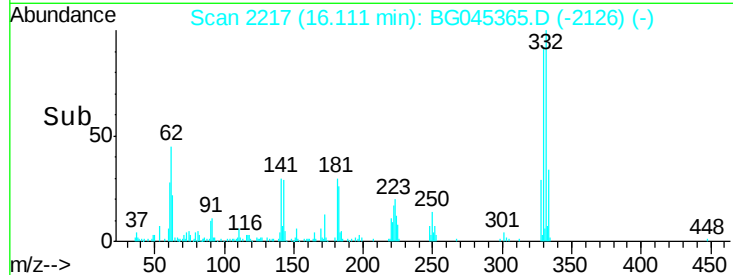
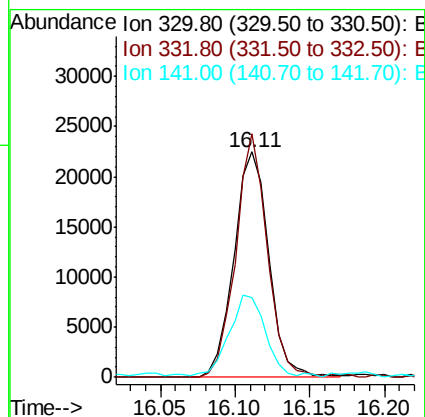
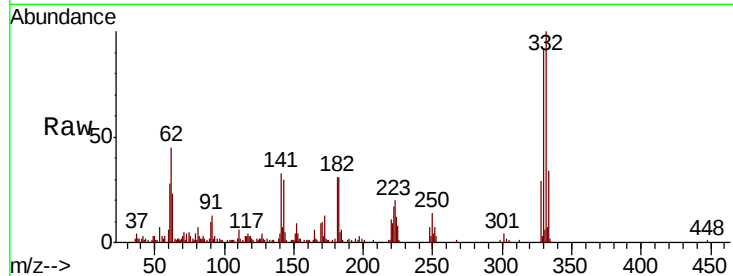
#42
 2,4,6-Tribromophenol
 Concen: 10.778 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion:	330	Resp:	36634
Ion Ratio	Lower	Upper	
330	100		
332	97.0	79.1	118.7
141	38.8	27.1	40.7

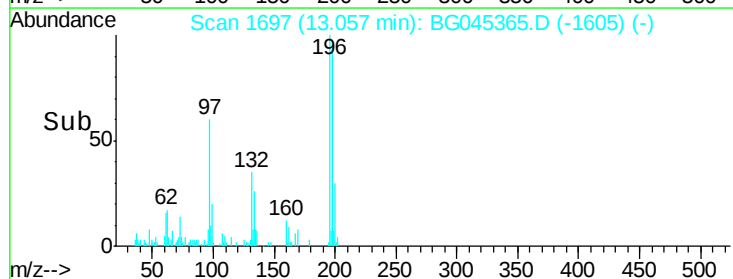
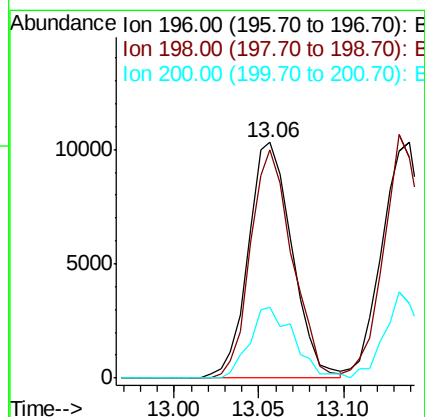
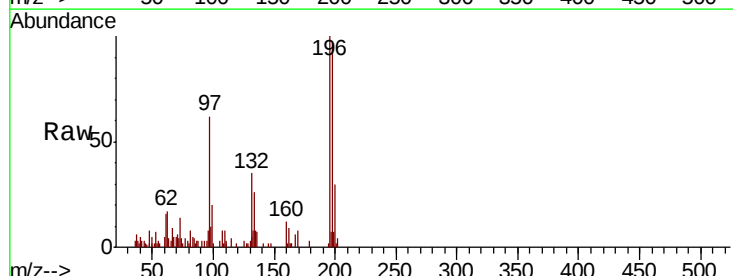
Manual Integrations
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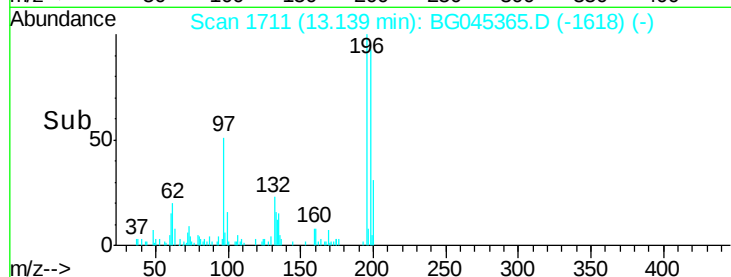
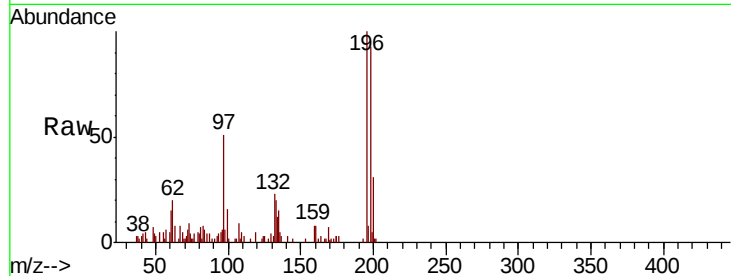
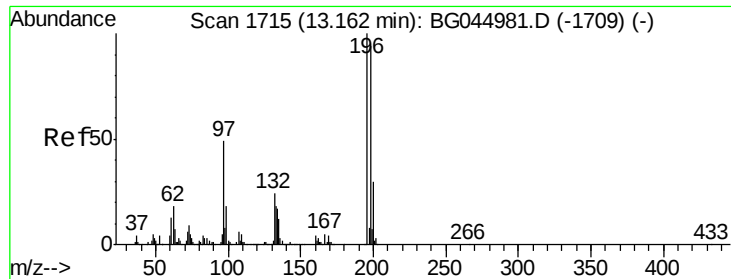
mohammad
 5/14/2020 11:54:24 AM



#43
 2,4,6-Trichlorophenol
 Concen: 3.723 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:	196	Resp:	18615
Ion Ratio	Lower	Upper	
196	100		
198	96.7	72.5	108.7
200	29.9	24.5	36.7





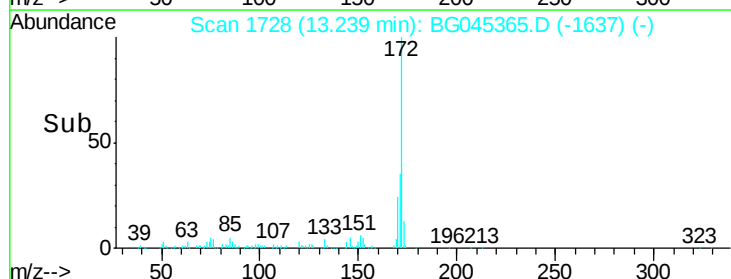
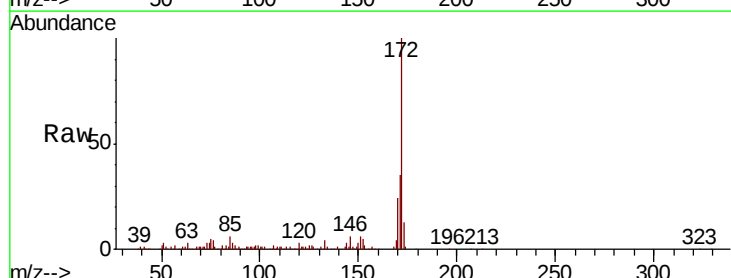
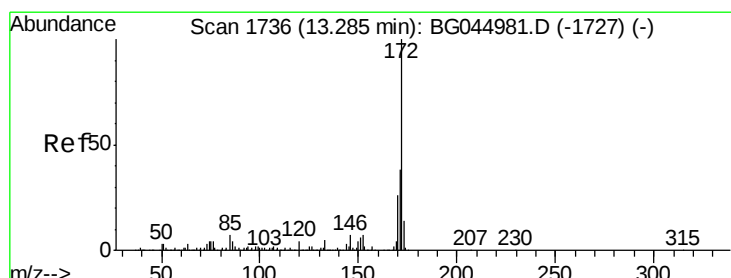
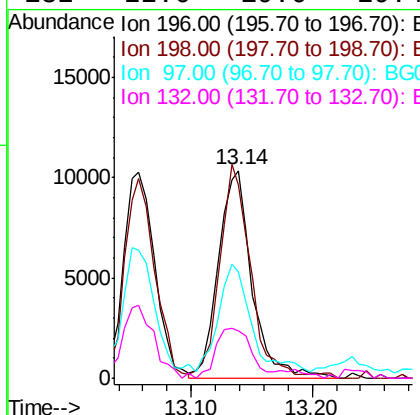
#44
2,4,5-Trichlorophenol
Concen: 3.501 ng
RT: 13.14 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tot Ion	Ratio	Resp	Lower	Upper
196	100	19922		
198	93.5	75.7	113.5	
97	51.1	39.6	59.4	
132	22.6	19.6	29.4	

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

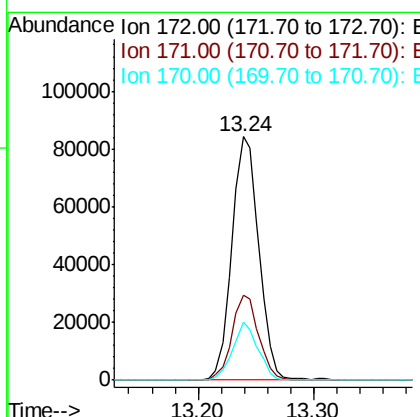
Manual Integrations
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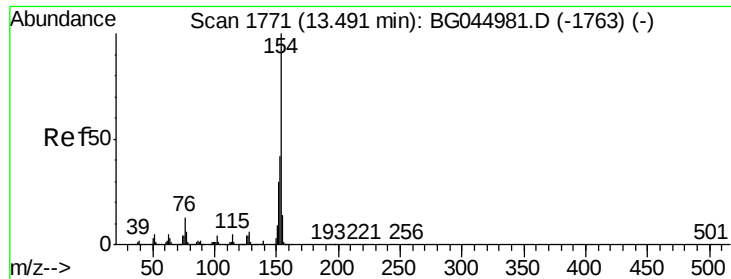
mohammad
5/14/2020 11:54:24 AM



#45
2-Fluorobiphenyl
Concen: 9.047 ng
RT: 13.24 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	135755		
171	34.8	30.6	46.0	
170	23.9	20.5	30.7	





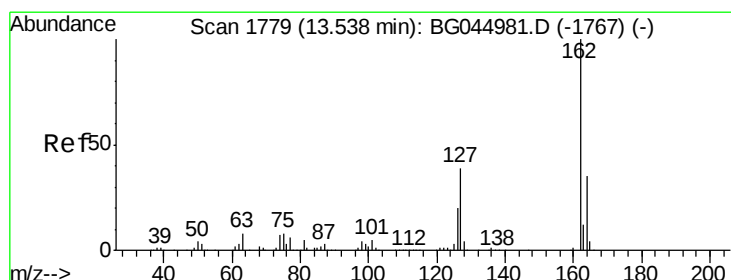
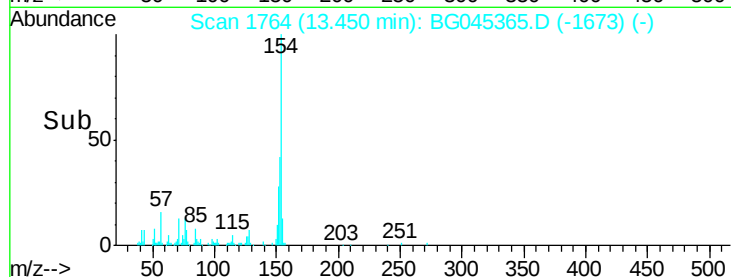
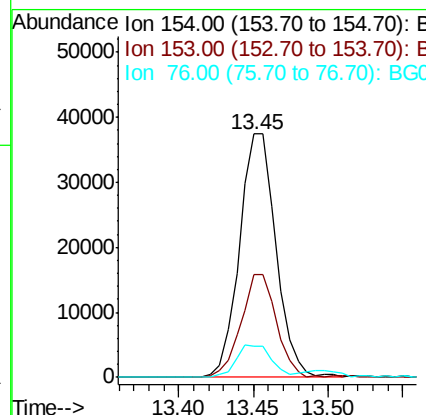
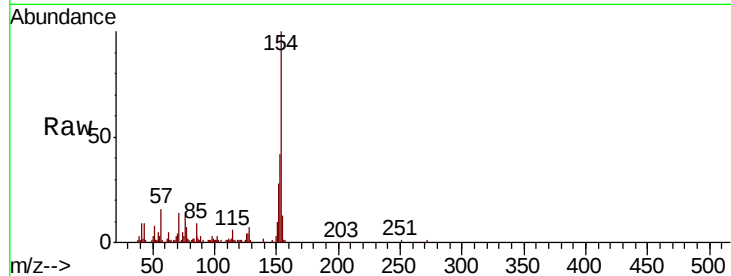
#46
1,1'-Biphenyl
Concen: 3.798 ng
RT: 13.45 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion:	154	Resp:	63507
Ion Ratio	Lower	Upper	
154	100		
153	42.4	21.9	61.9
76	13.0	0.0	33.1

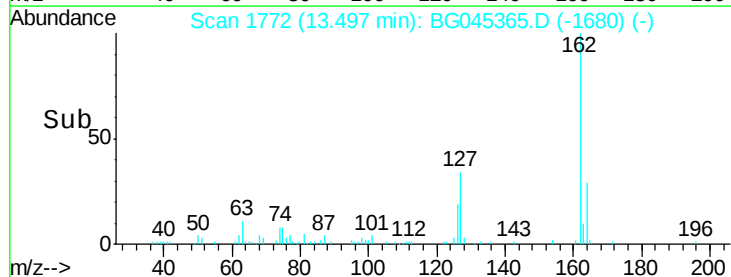
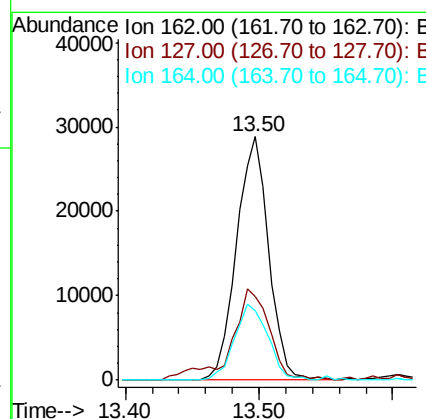
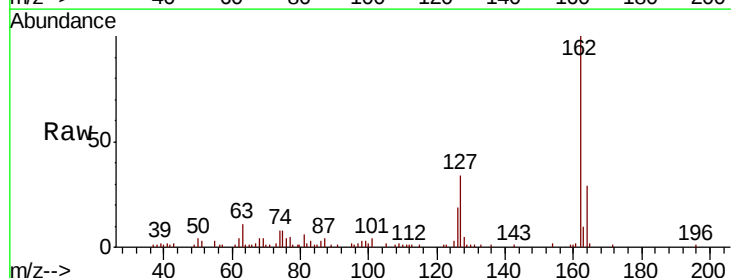
Manual Integrations
APPROVED

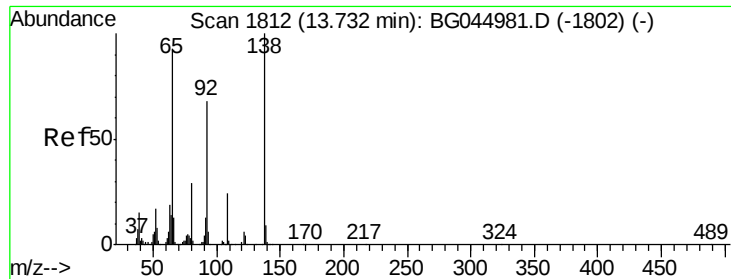
mohammad
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#47
2-Chloronaphthalene
Concen: 3.774 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:	162	Resp:	48224
Ion Ratio	Lower	Upper	
162	100		
127	34.4	31.3	46.9
164	28.7	27.8	41.8





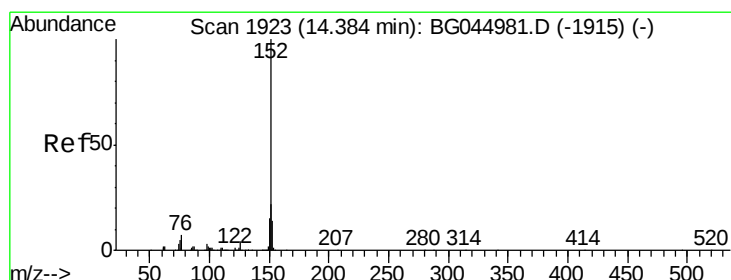
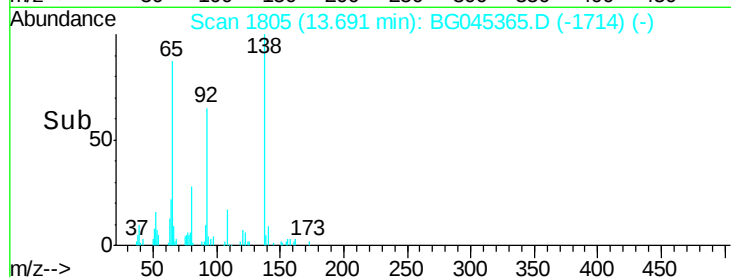
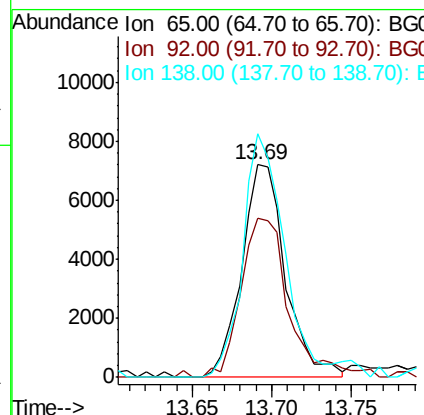
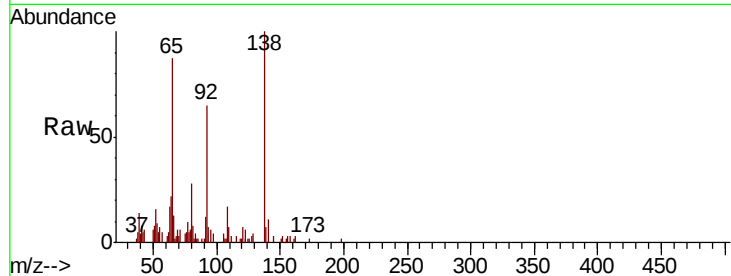
#48
2-Nitroaniline
Concen: 3.283 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.9	58.3	87.5
138	114.6	85.6	128.4

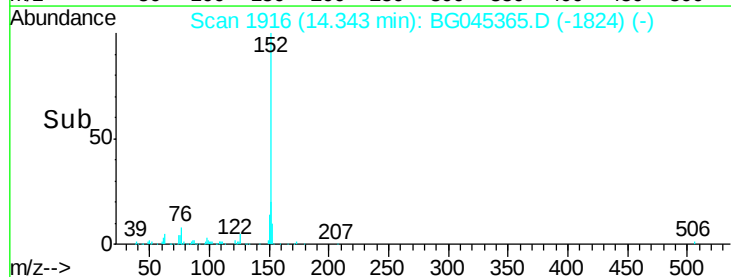
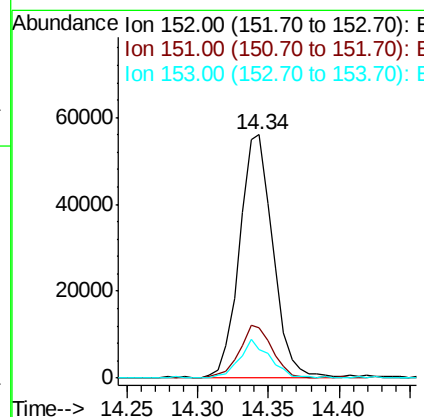
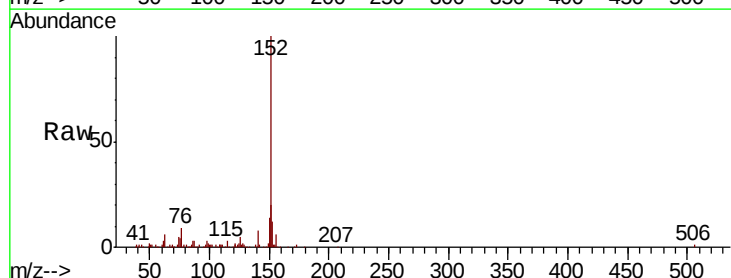
Manual Integrations
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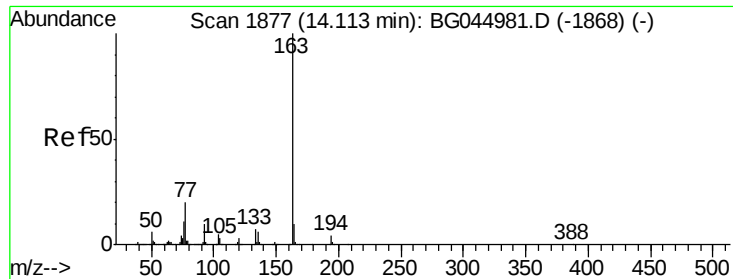
mohammad
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#49
Acenaphthylene
Concen: 4.455 ng
RT: 14.34 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	11.7	11.0	16.4





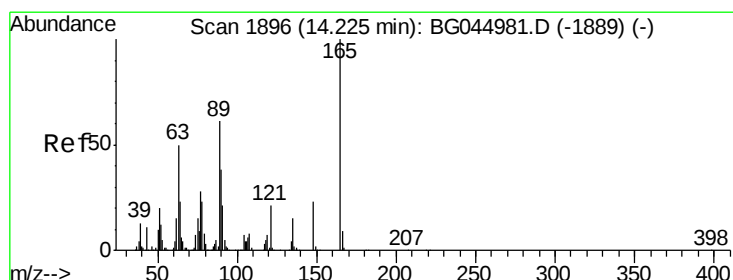
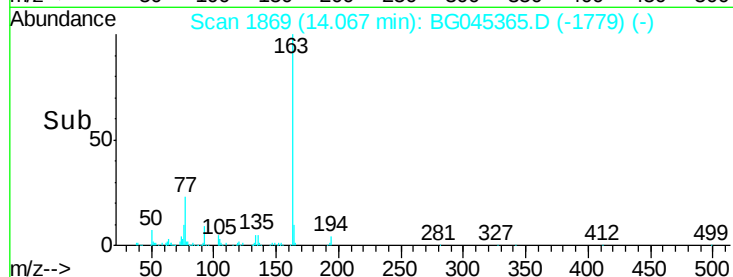
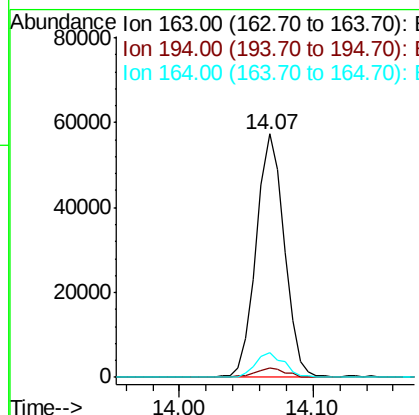
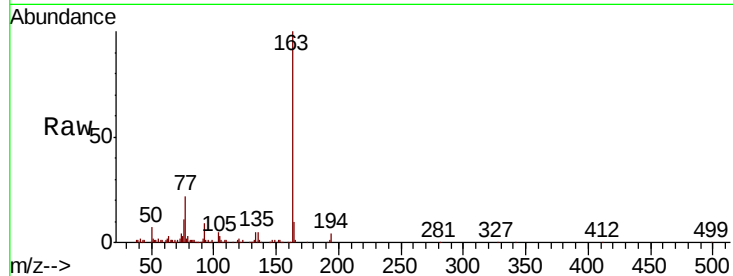
#50
Dimethylphthalate
Concen: 4.641 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.0	8.2	12.4

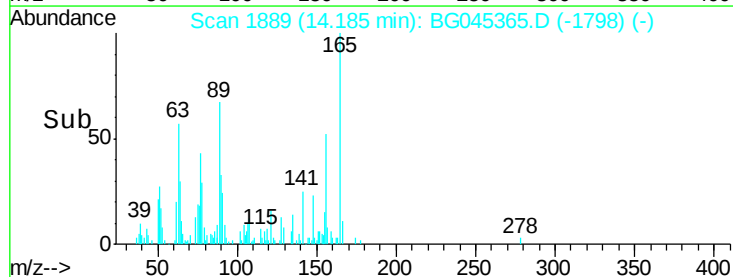
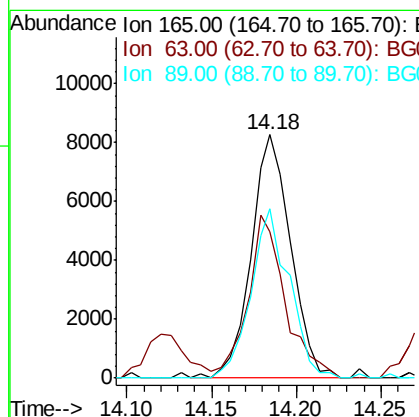
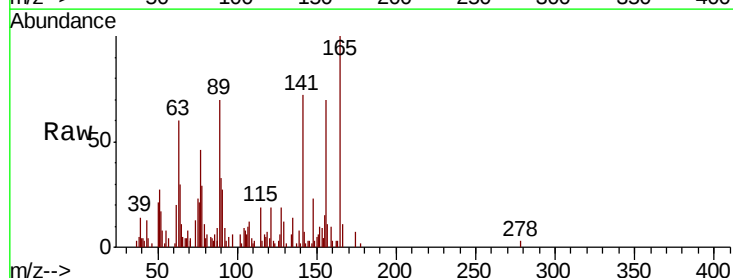
Manual Integrations
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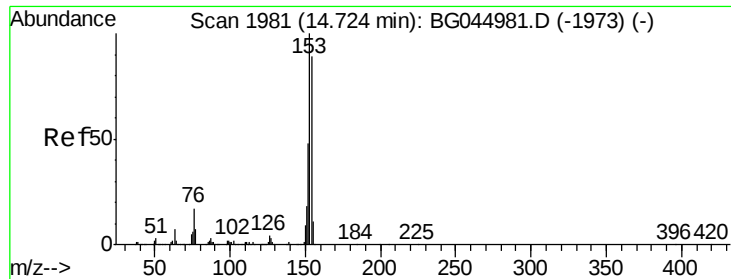
mohammad
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#51
2,6-Dinitrotoluene
Concen: 3.343 ng
RT: 14.18 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.3	40.4	60.6
89	69.5	49.1	73.7





#52

Acenaphthene

Concen: 5.592 ng/mL

RT: 14.68 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

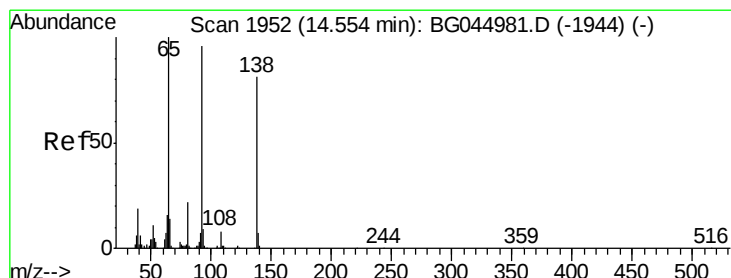
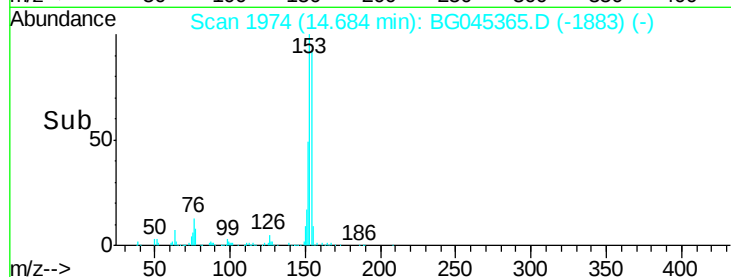
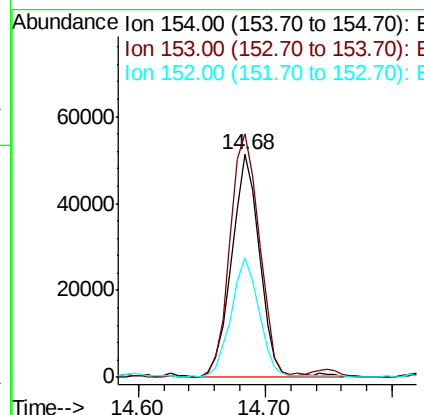
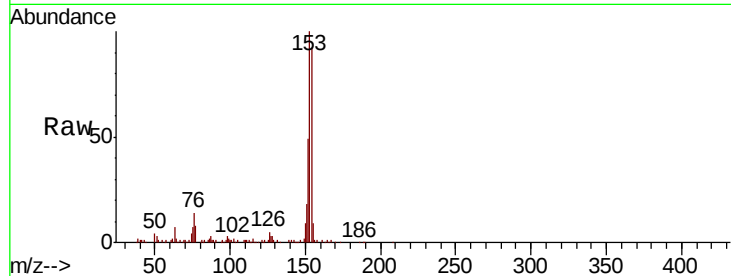
ClientSampleId :

PL-01-050820MSD

Tot Ion:	154	Resp:	78755
Ion Ratio	Lower	Upper	
154	100		
153	109.2	89.7	134.5
152	53.7	43.1	64.7

Manual Integrations
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#53

3-Nitroaniline

Concen: 2.323 ng/mL

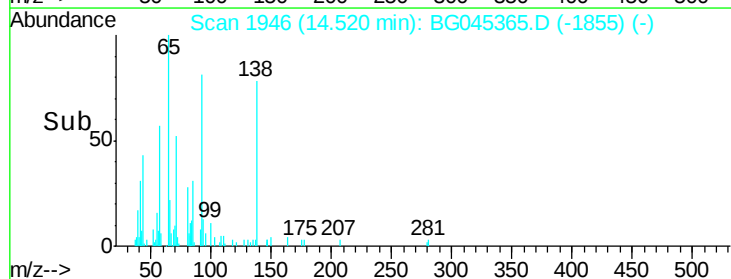
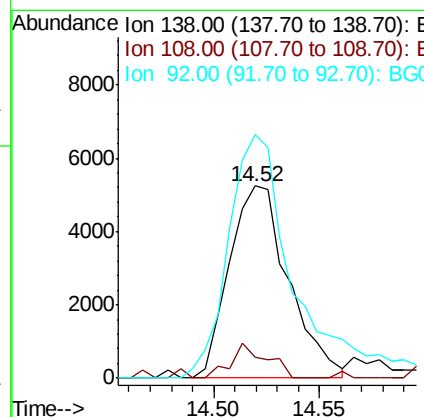
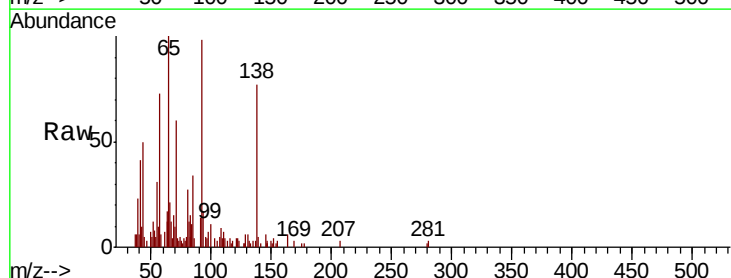
RT: 14.52 min Scan# 1946

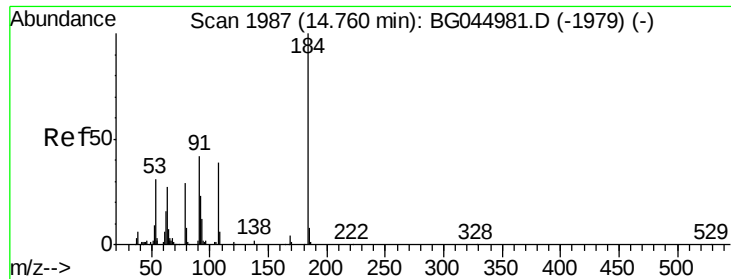
Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	138	Resp:	10207
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.8
92	126.6	94.5	141.7





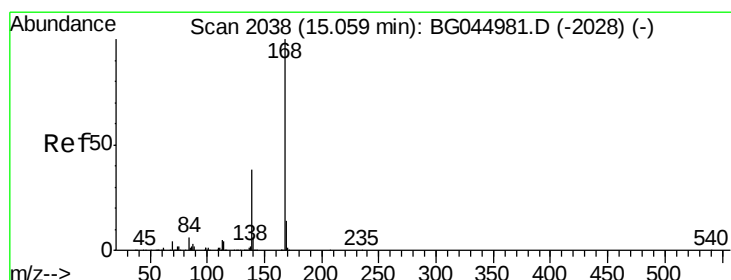
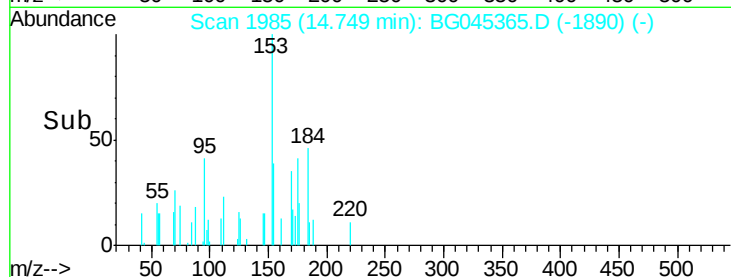
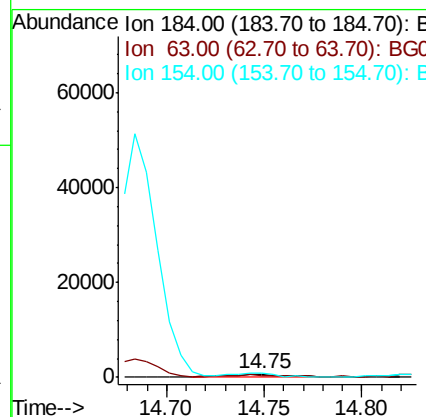
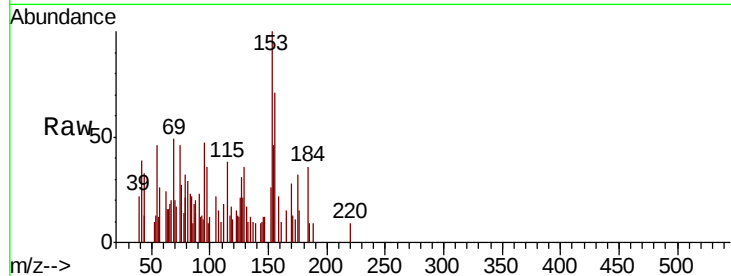
#54
2,4-Dinitrophenol
Concen: 0.576 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.03 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.8	41.5	62.3
154	126.7	52.3	78.5

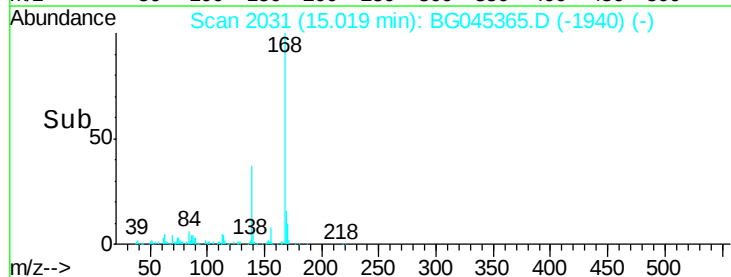
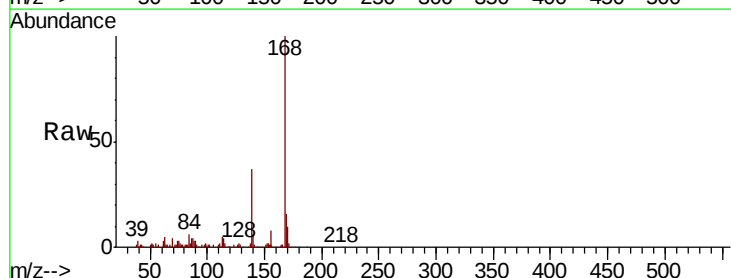
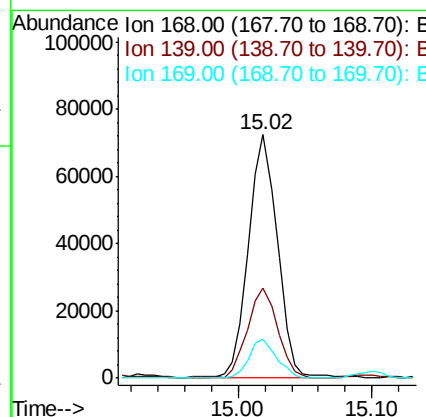
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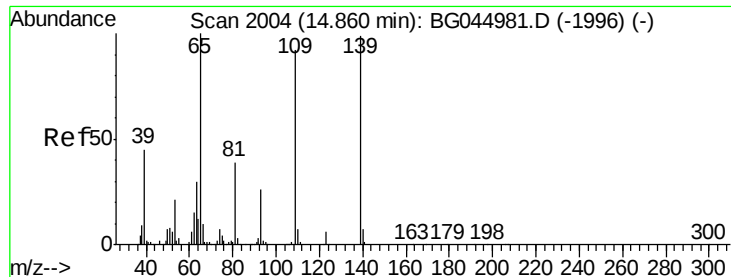
mohammad
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#55
Dibenzofuran
Concen: 5.282 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.4	45.6
169	15.7	11.0	16.4





#56

4-Nitrophenol

Concen: 6.034 ng

RT: 14.85 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

PL-01-050820MSD

Tot Ion:139 Resp: 20560

Ion Ratio Lower Upper

139 100

109 109.2 73.6 113.6

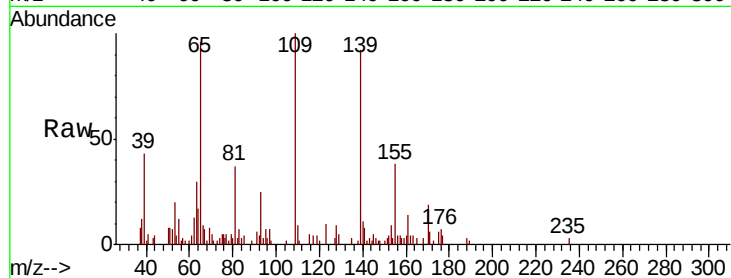
65 104.9 81.2 121.2

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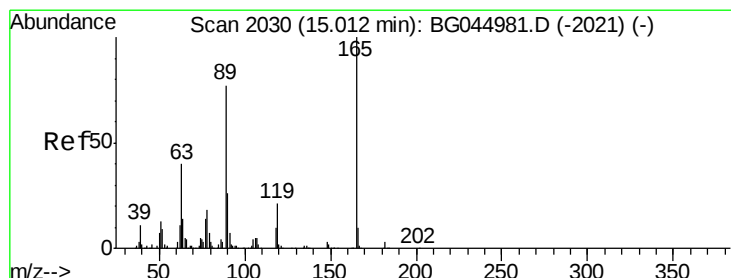
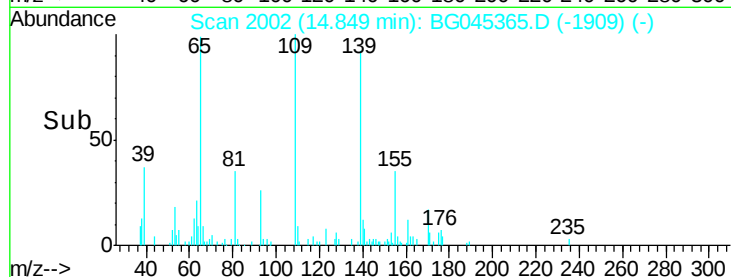
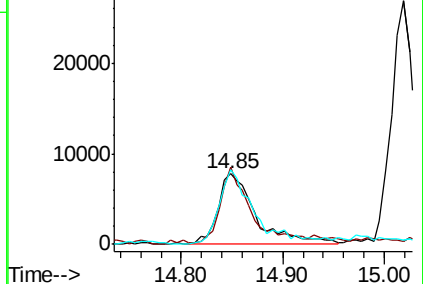
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#57

2,4-Dinitrotoluene

Concen: 2.958 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:165 Resp: 17322

Ion Ratio Lower Upper

165 100

63 47.9 32.2 48.2

89 79.1 61.7 92.5

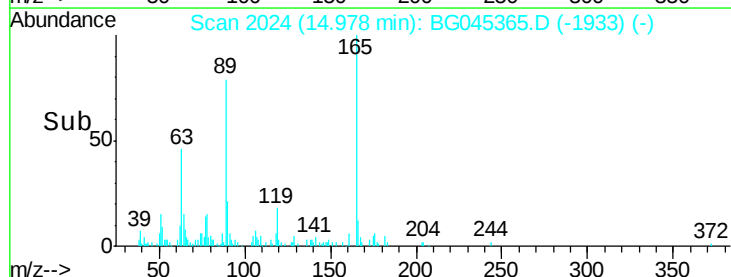
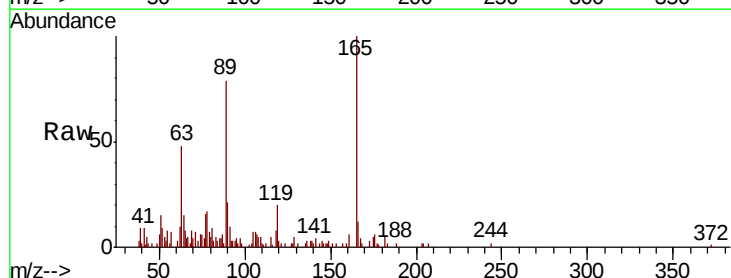
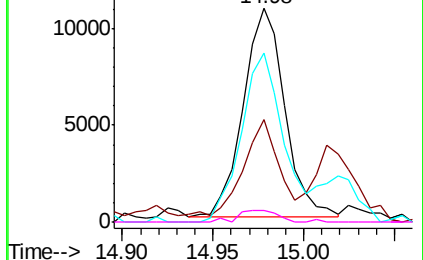
182 5.2 2.0 3.0#

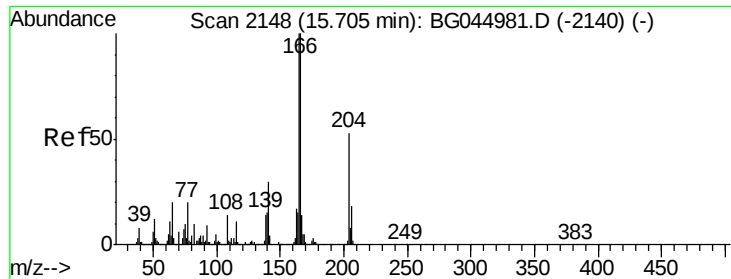
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





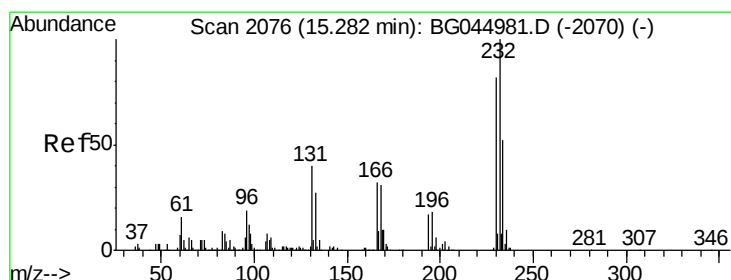
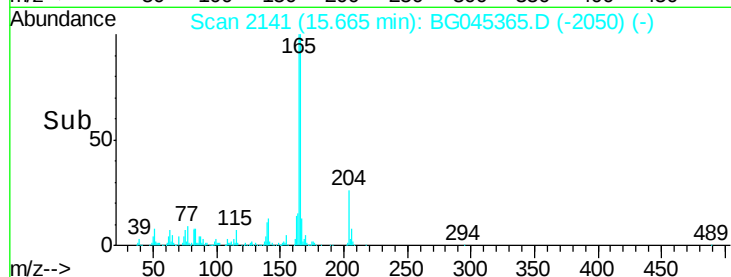
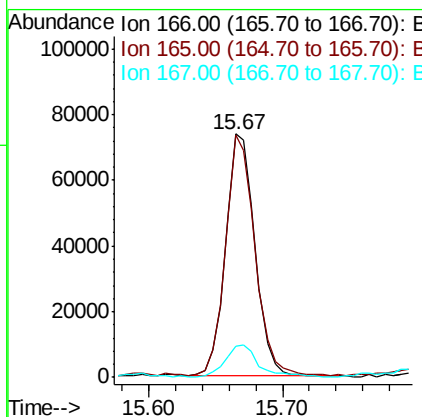
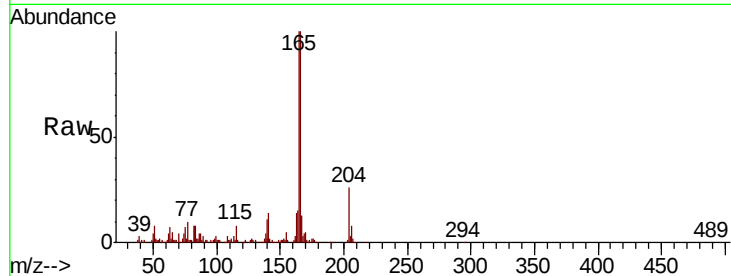
#58
 Fluorene
 Concen: 6.785 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	79.9	119.9	
167	12.9	11.4	17.0	

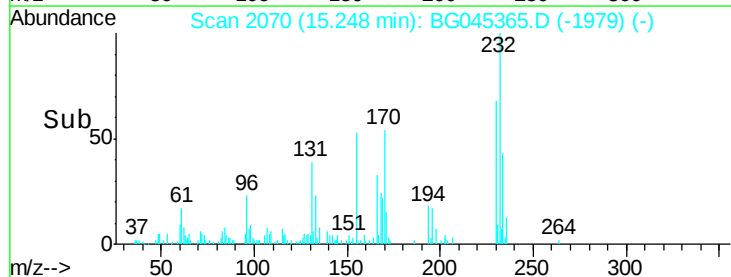
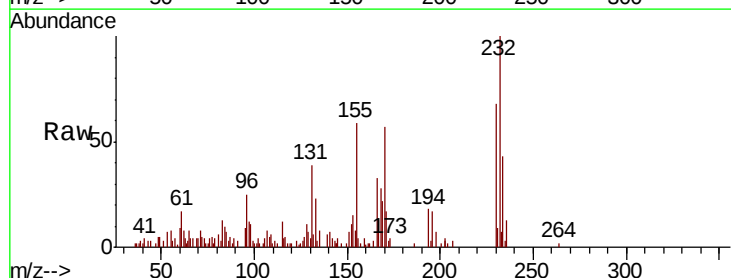
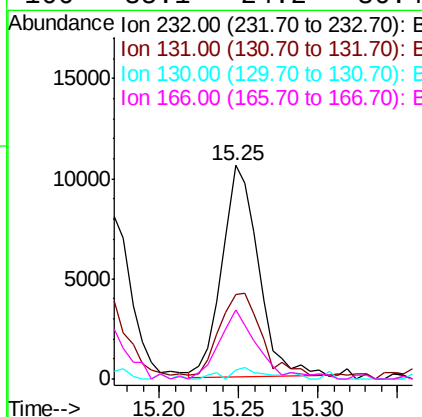
Manual Integrations
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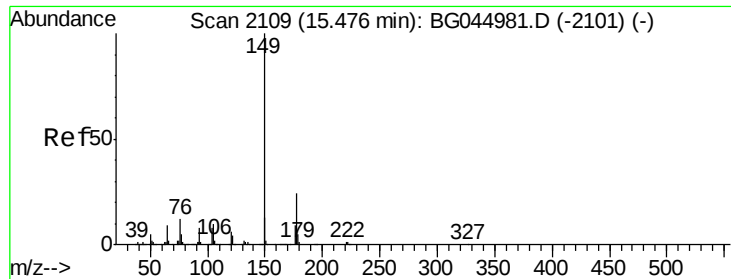
mohammad
 5/14/2020 11:54:24 AM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.310 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.5	32.2	48.2	
130	4.7	2.2	3.2#	
166	35.1	24.2	36.4	





#60

Diethylphthalate

Concen: 3.294 ng

RT: 15.44 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

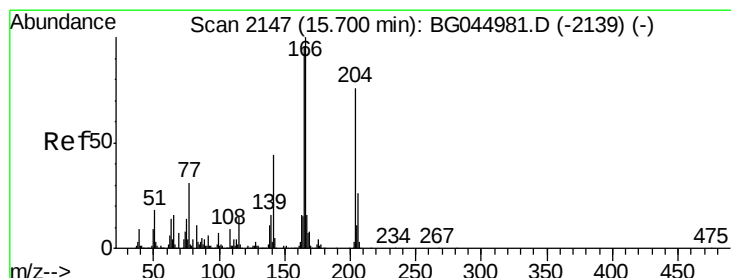
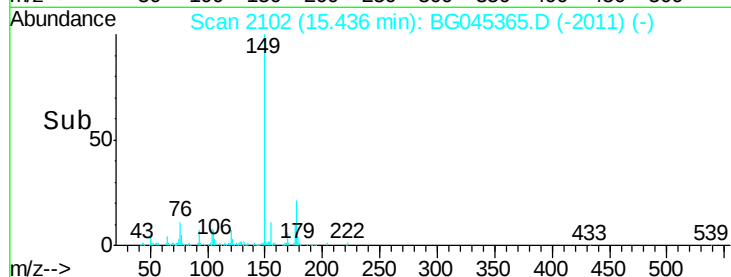
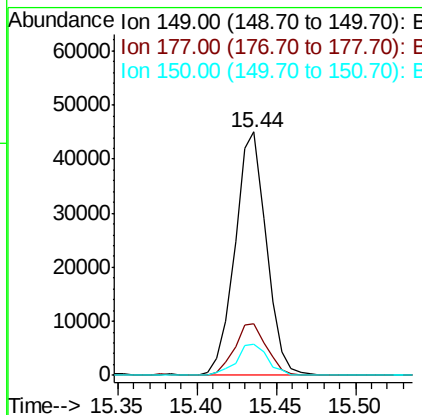
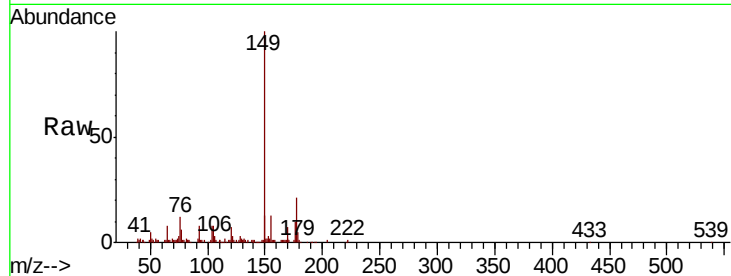
ClientSampleId :

PL-01-050820MSD

Tot Ion:	149	Resp:	61518
Ion Ratio	Lower	Upper	
149	100		
177	21.4	18.9	28.3
150	12.8	10.6	15.8

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#61

4-Chlorophenyl-phenylether

Concen: 3.286 ng

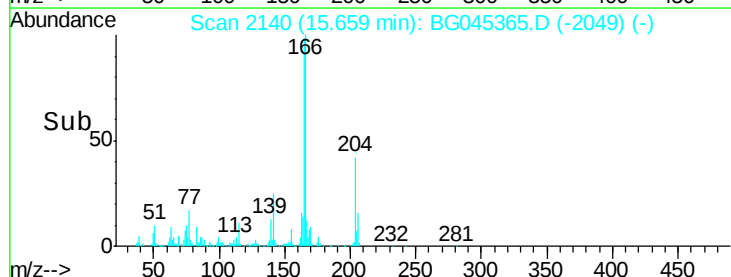
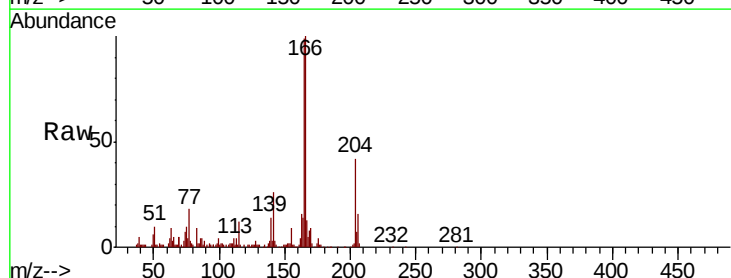
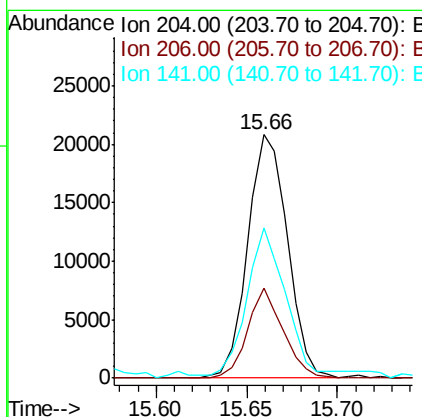
RT: 15.66 min Scan# 2140

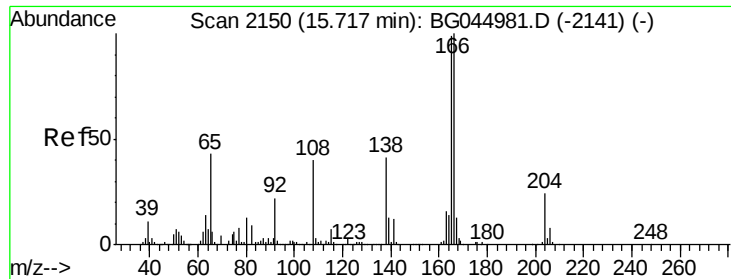
Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	204	Resp:	31720
Ion Ratio	Lower	Upper	
204	100		
206	37.0	26.9	40.3
141	61.6	46.3	69.5





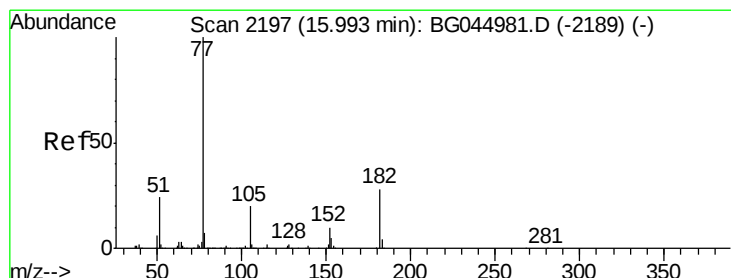
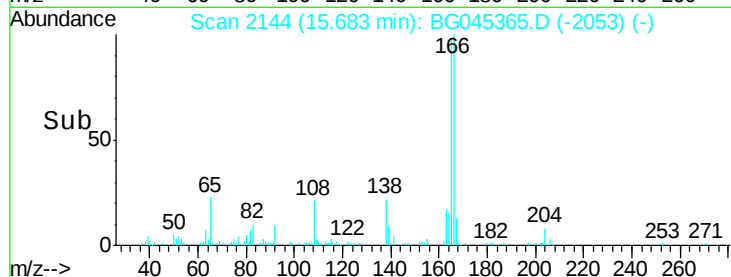
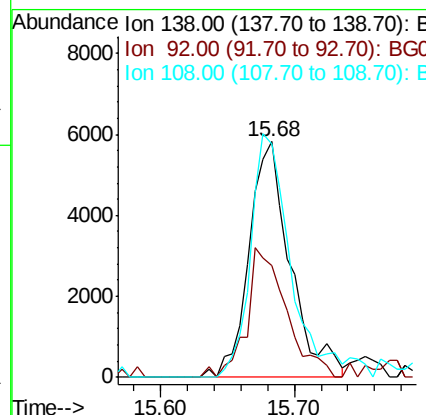
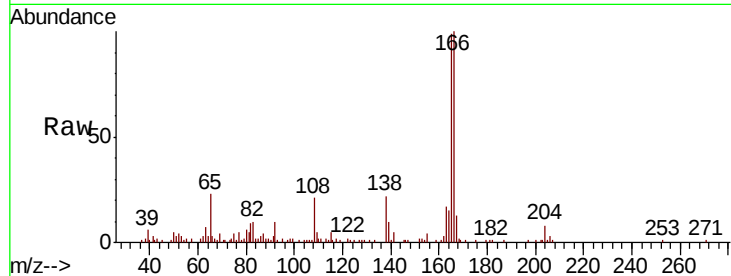
#62
4-Nitroaniline
Concen: 2.711 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	33.6	73.6
108	99.2	78.2	118.2

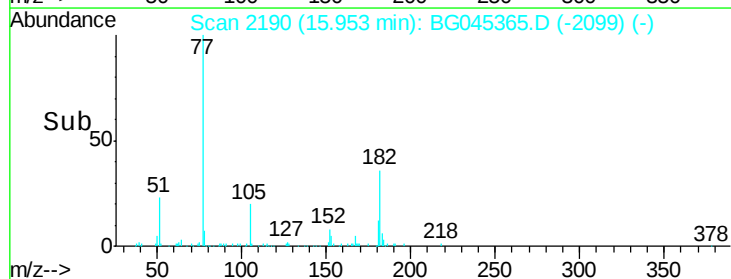
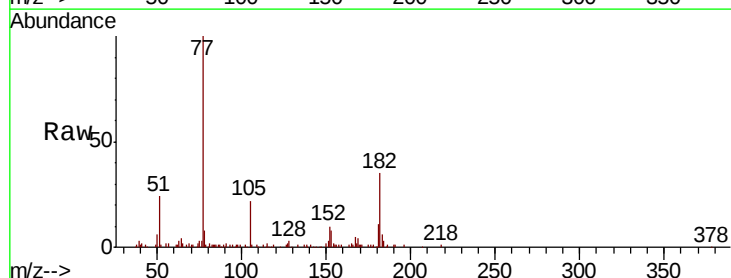
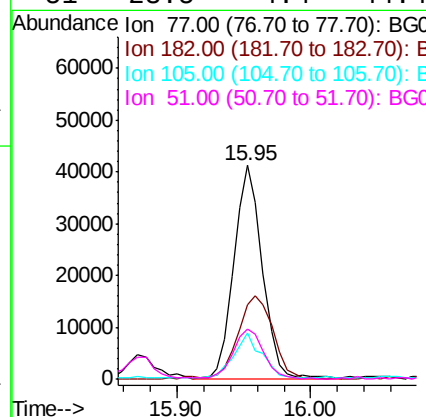
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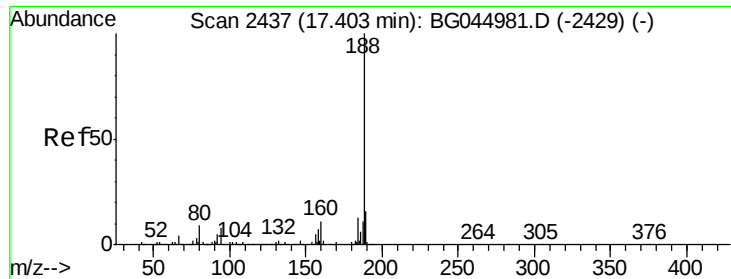
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#63
Azobenzene
Concen: 3.589 ng
RT: 15.95 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.6	8.4	48.4
105	21.6	0.5	40.5
51	23.5	4.4	44.4





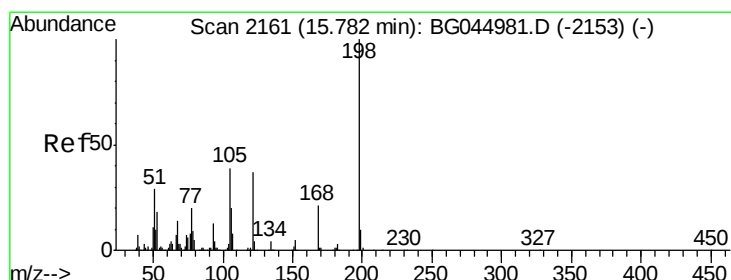
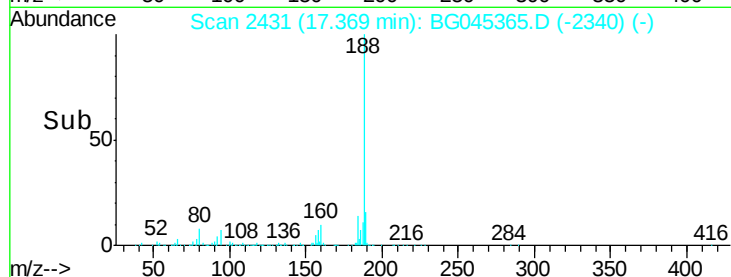
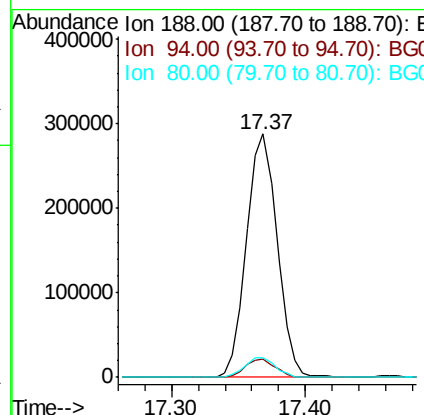
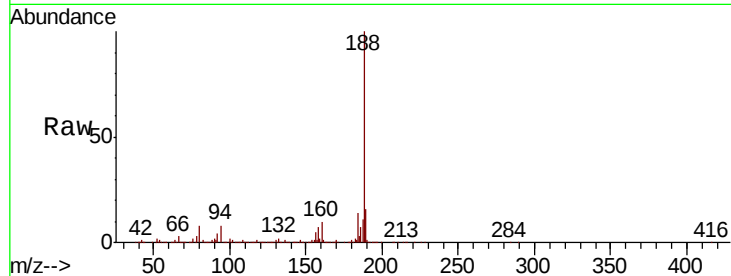
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	457043		
94	7.5		6.2	9.4
80	8.2		7.0	10.6

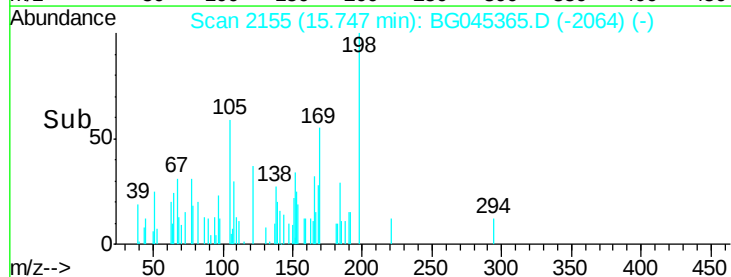
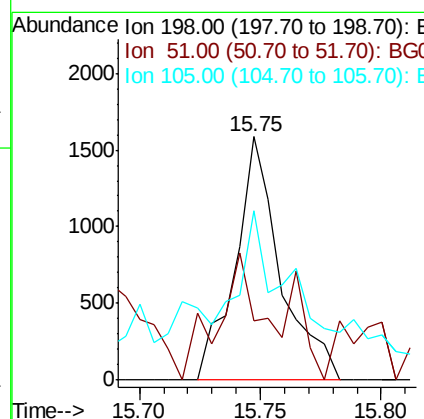
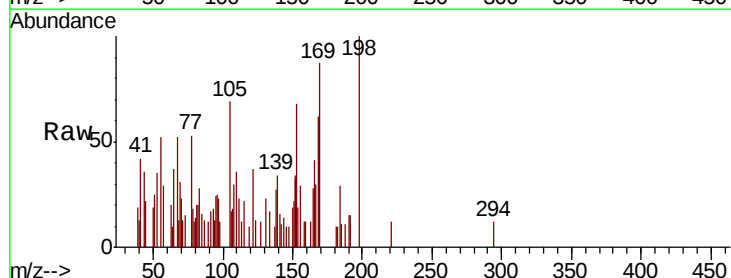
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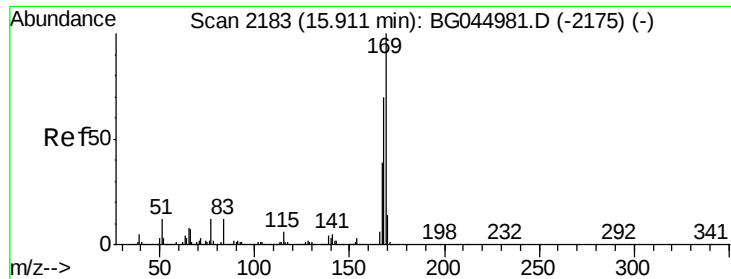
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#65
4,6-Dinitro-2-methylphenol
Concen: 0.692 ng m
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2078		
51	24.5		10.0	50.0
105	69.4		18.9	58.9#





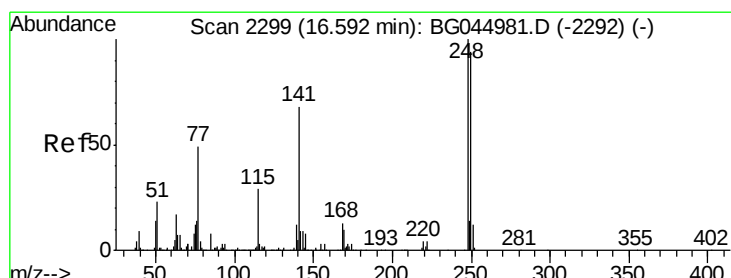
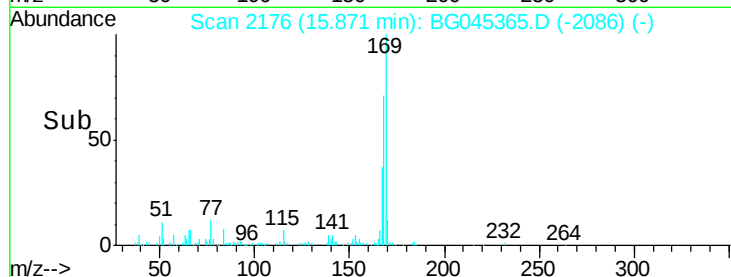
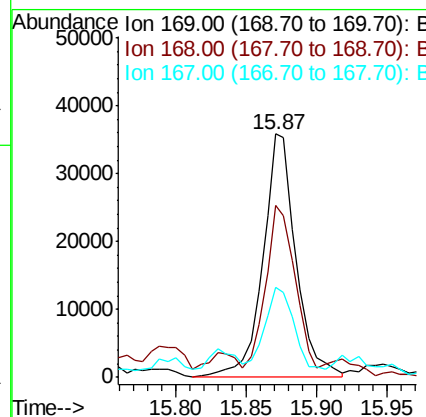
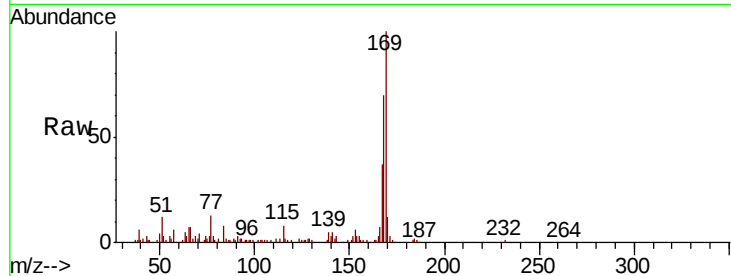
#66
n-Nitrosodiphenylamine
Concen: 4.491 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	58980		
168	70.5		55.8	83.8
167	37.2		30.8	46.2

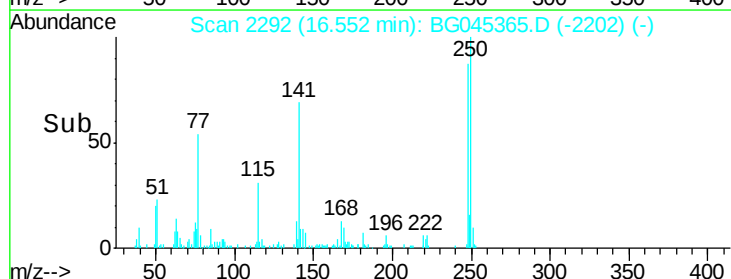
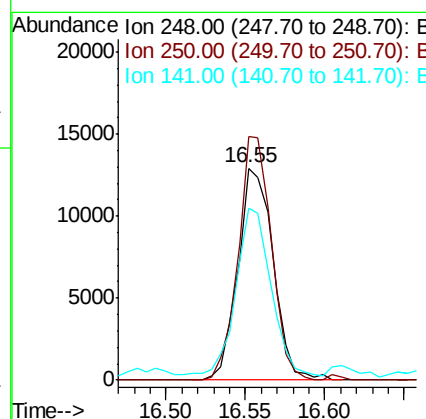
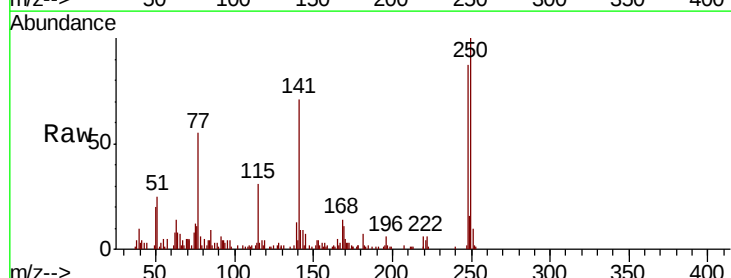
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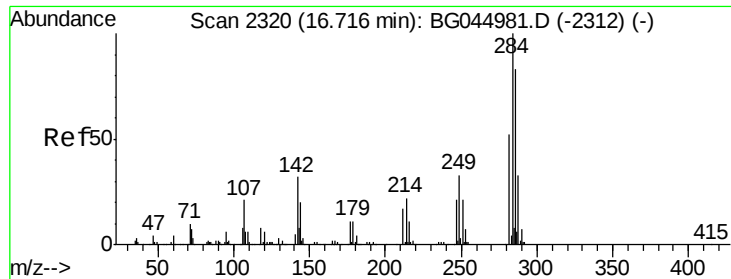
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#67
4-Bromophenyl-phenylether
Concen: 3.379 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	19921		
250	114.8		75.4	113.2#
141	81.1		54.4	81.6





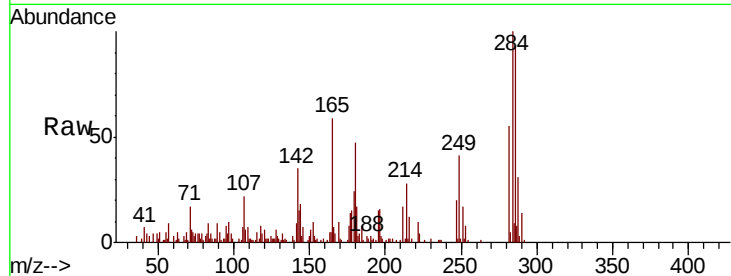
#68
Hexachlorobenzene
Concen: 3.818 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

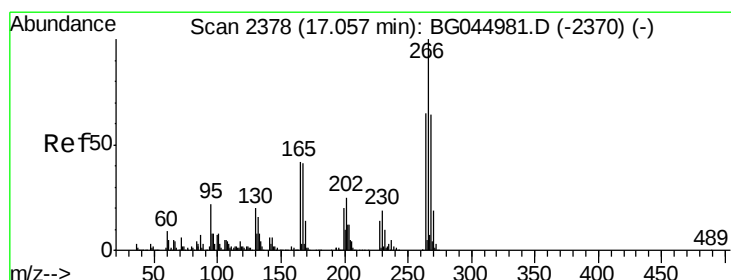
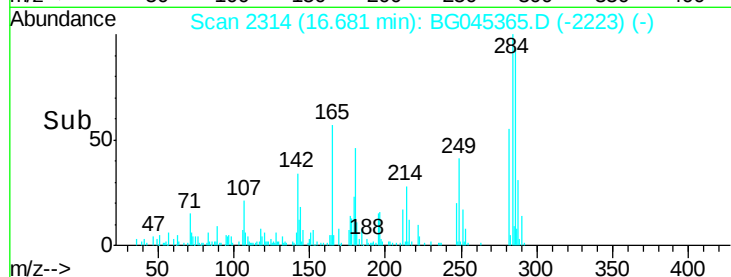
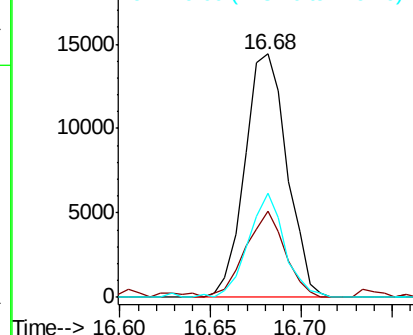
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.8	38.6
249	42.7	26.6	39.8

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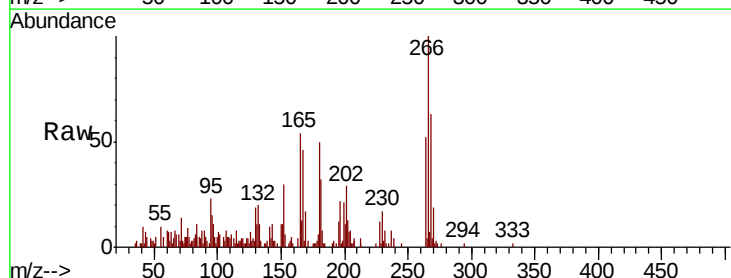


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

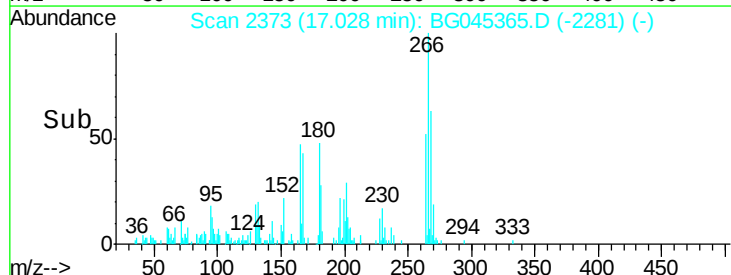
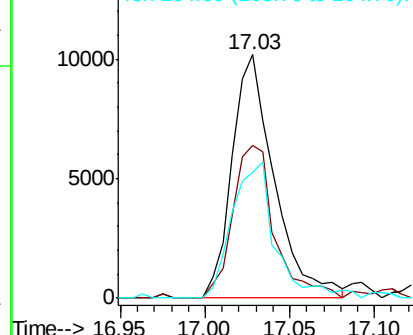


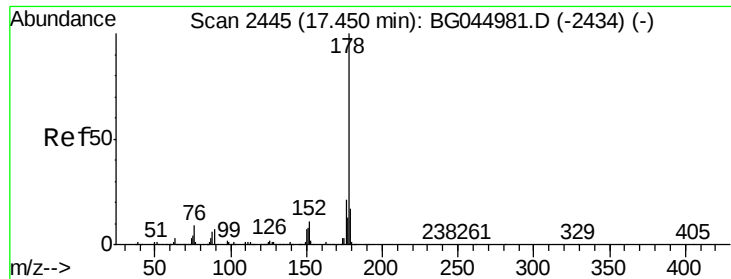
#70
Pentachlorophenol
Concen: 4.714 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.5	77.3
264	51.9	52.2	78.4



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: 25.950 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

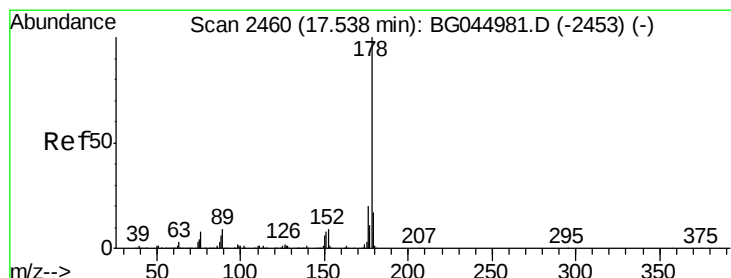
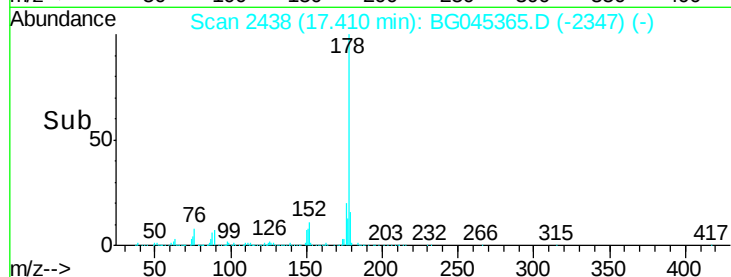
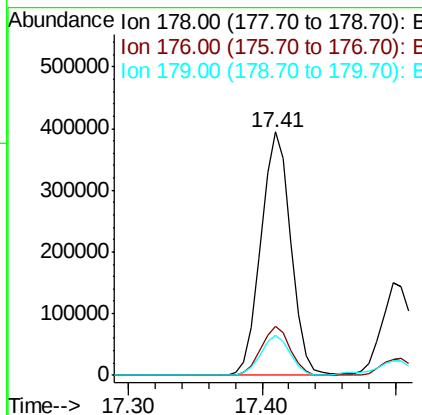
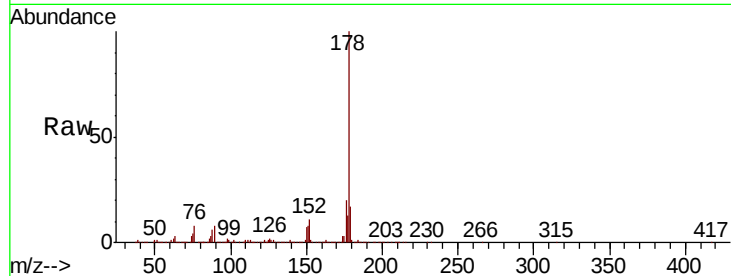
ClientSampleId :

PL-01-050820MSD

Tot Ion:	178	Resp:	609461
Ion Ratio	Lower	Upper	
178	100		
176	19.9	16.8	25.2
179	16.6	13.2	19.8

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#72

Anthracene

Concen: 9.708 ng

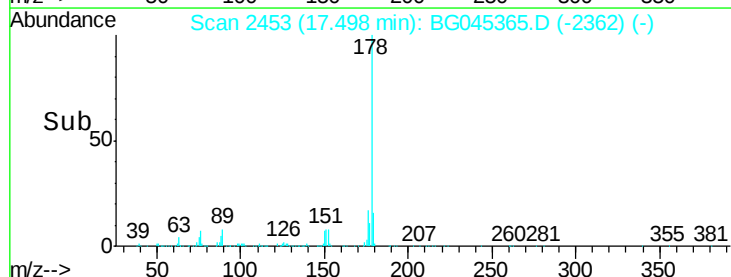
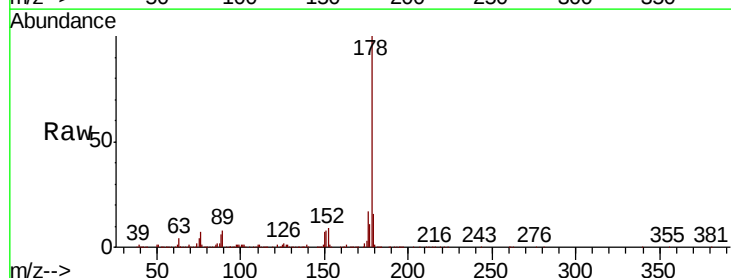
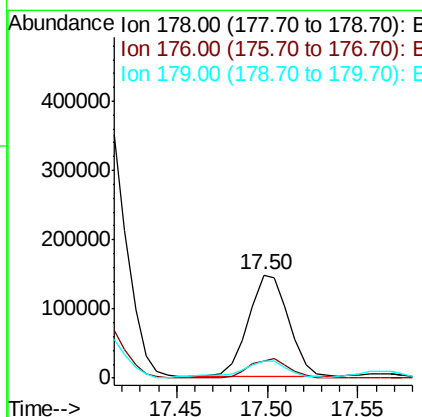
RT: 17.50 min Scan# 2453

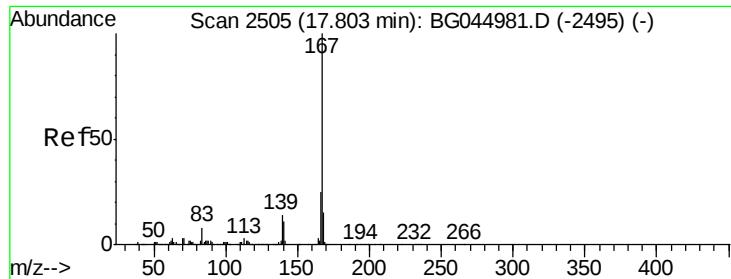
Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	178	Resp:	228703
Ion Ratio	Lower	Upper	
178	100		
176	17.1	16.0	24.0
179	15.9	13.6	20.4





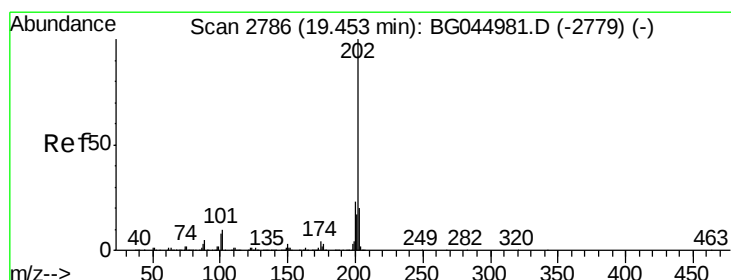
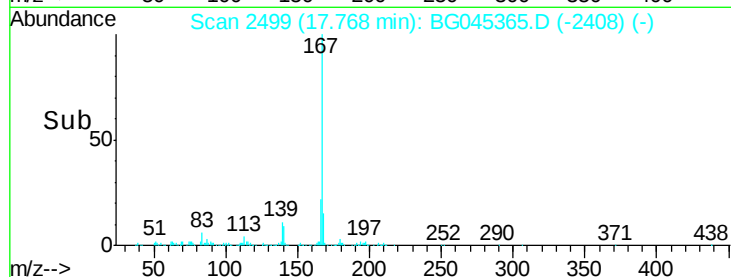
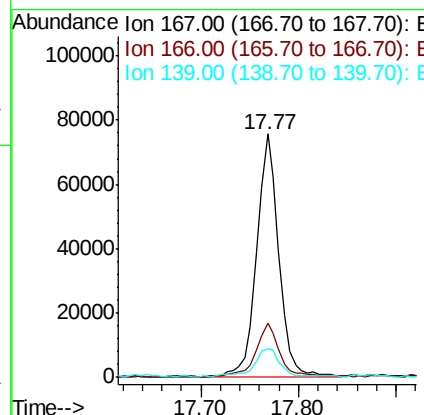
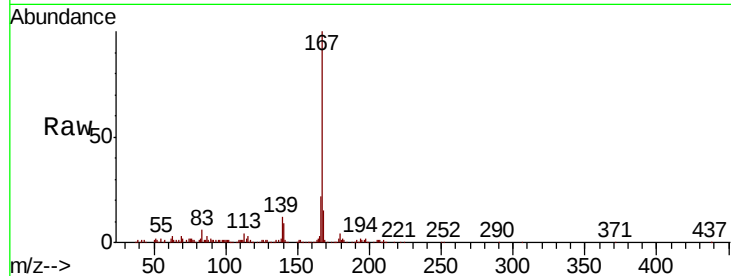
#73
 Carbazole
 Concen: 5.044 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.4		19.8	29.6	
139	11.6		10.9	16.3	

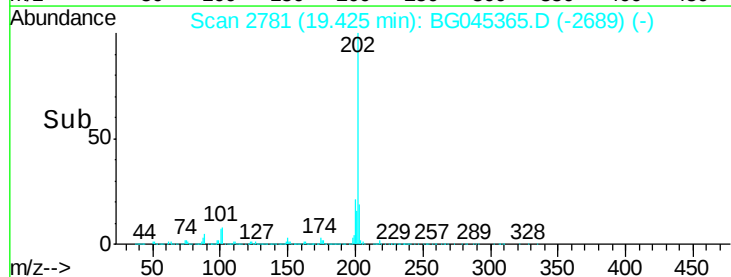
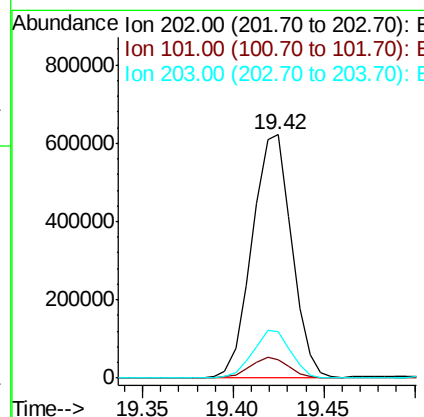
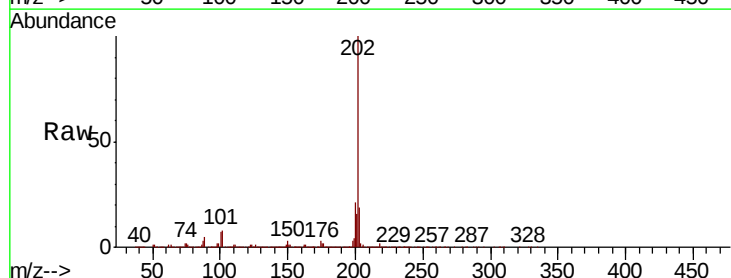
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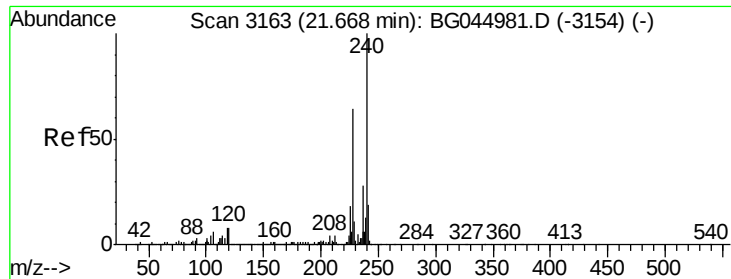
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#75
 Fluoranthene
 Concen: 32.405 ng
 RT: 19.42 min Scan# 2781
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.6		0.0	29.6	
203	19.3		0.0	39.7	





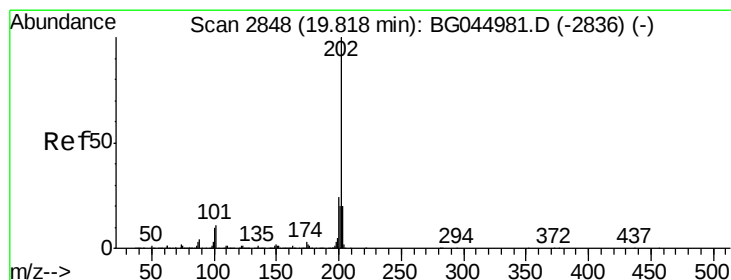
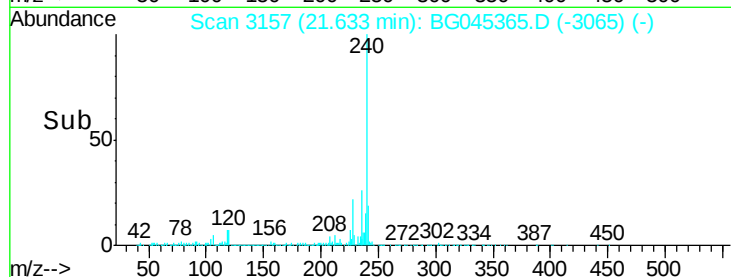
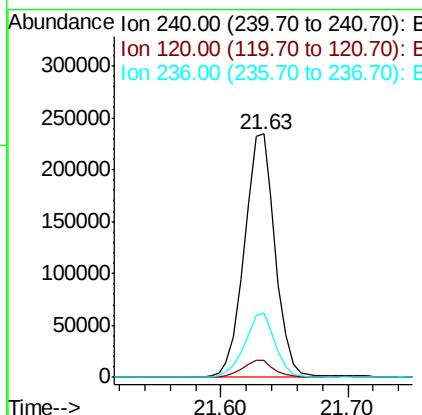
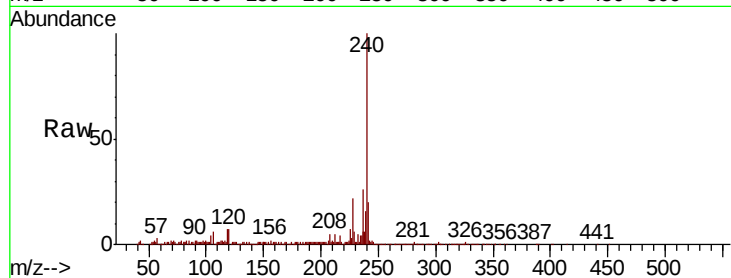
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3157
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.3	22.2	33.2

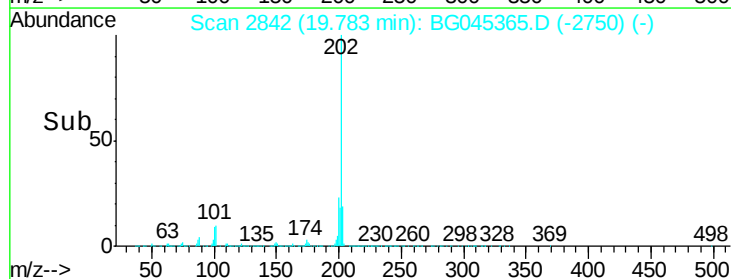
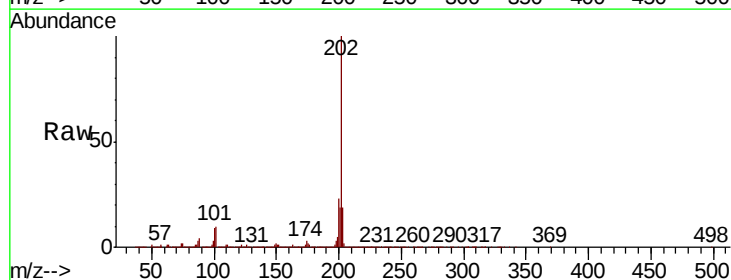
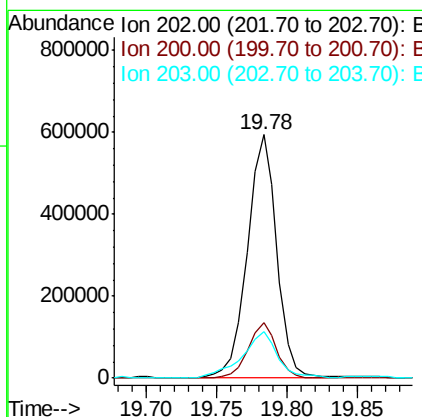
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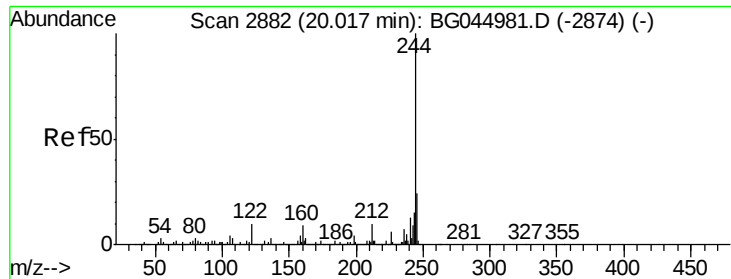
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#78
 Pyrene
 Concen: 32.067 ng
 RT: 19.78 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	19.0	28.6
203	19.3	16.1	24.1





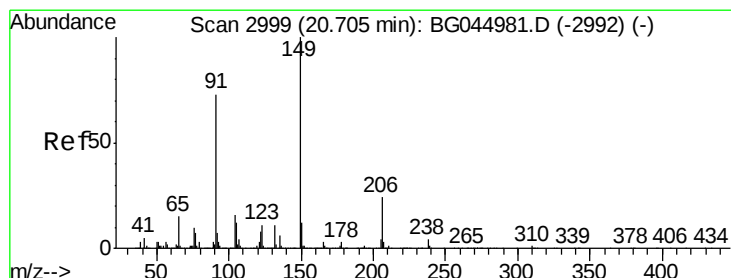
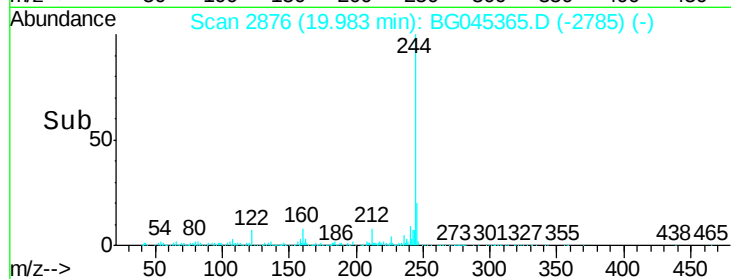
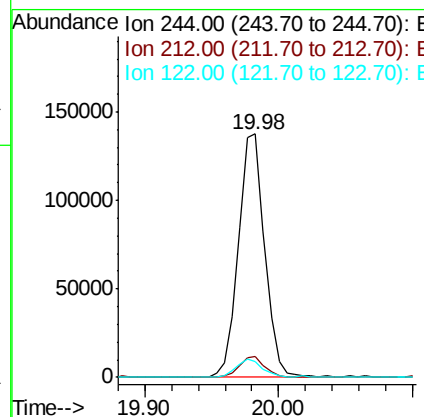
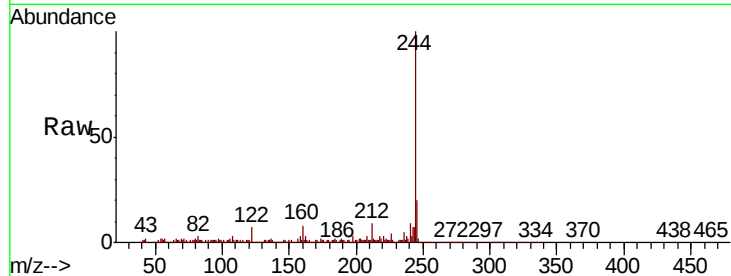
#79
 Terphenyl-d14
 Concen: 10.532 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	7.9	11.9
122	6.6	7.7	11.5

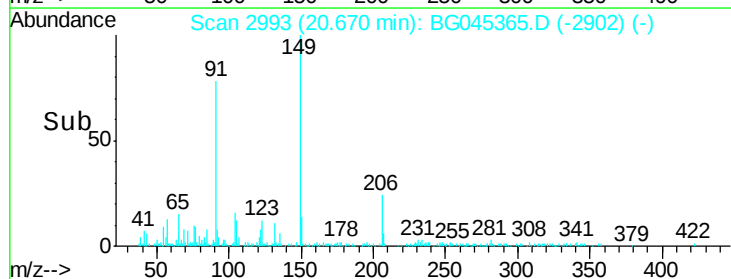
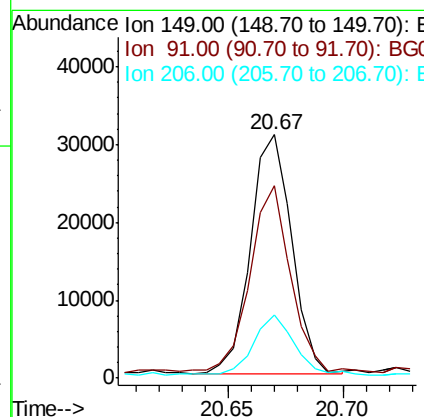
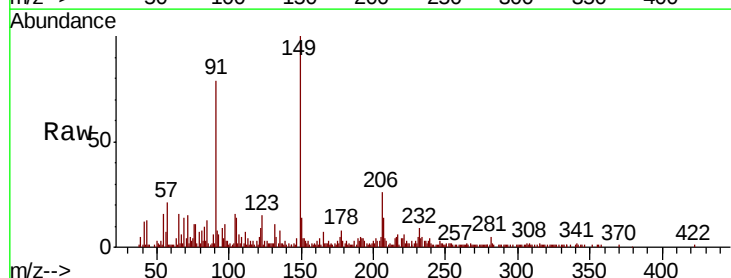
Manual Integrations
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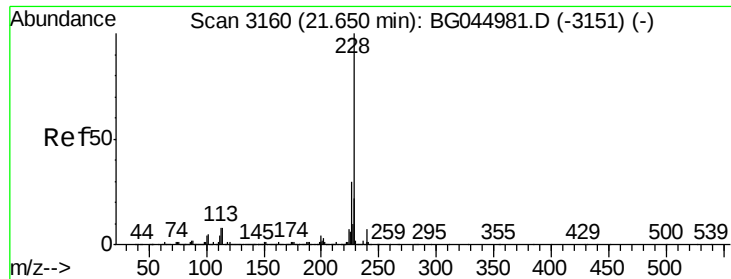
mohammad
 5/14/2020 11:54:24 AM



#80
 Butylbenzylphthalate
 Concen: 3.392 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	79.0	58.5	87.7
206	26.1	19.2	28.8





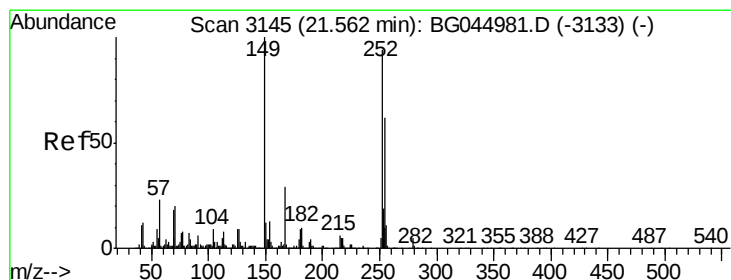
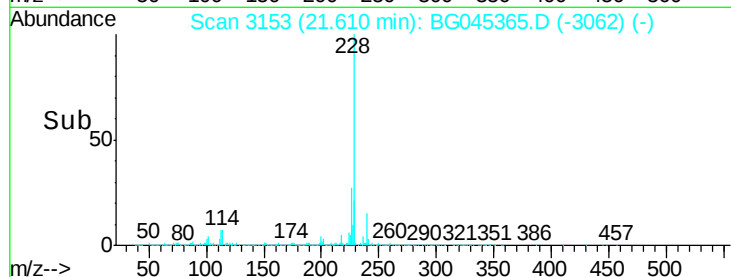
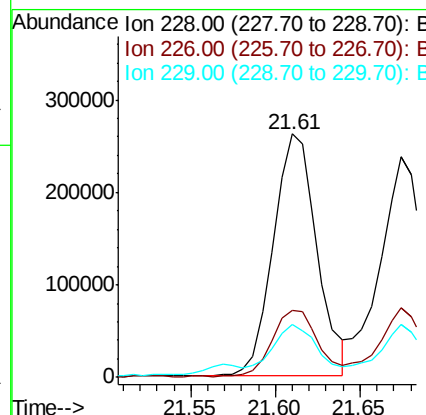
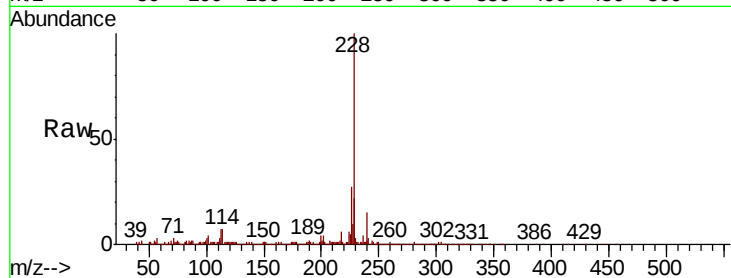
#81
Benzo(a)anthracene
Concen: 18.487 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	21.9	17.5	26.3

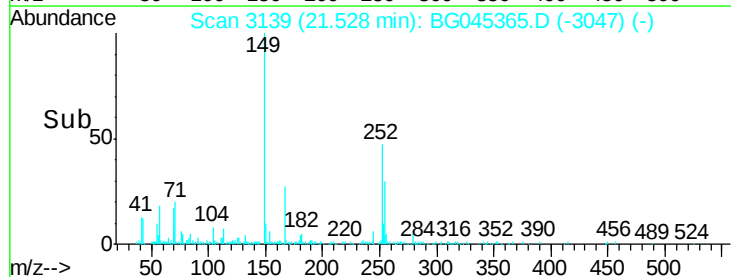
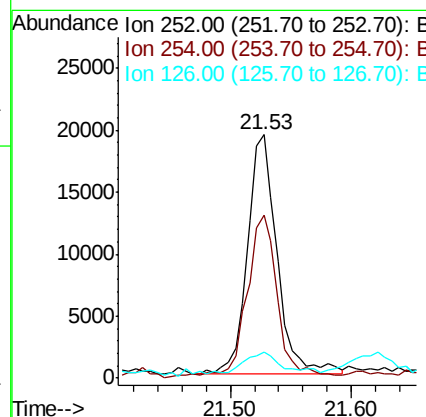
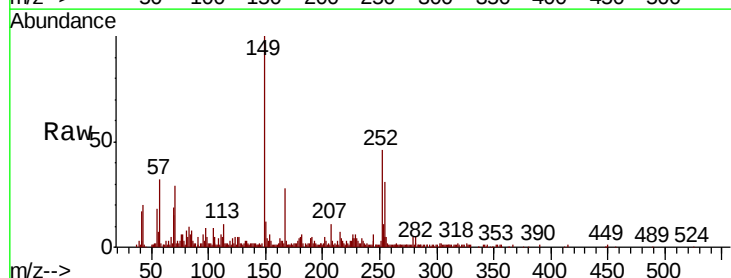
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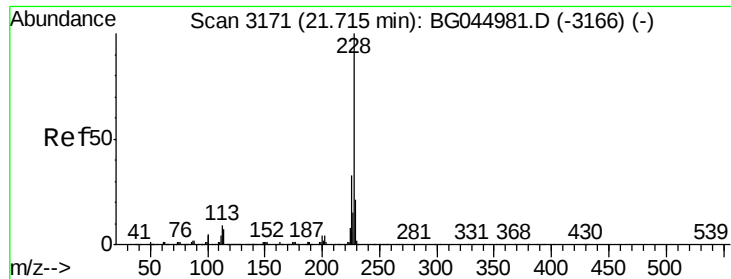
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 3.290 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	52.6	79.0
126	10.8	7.5	11.3





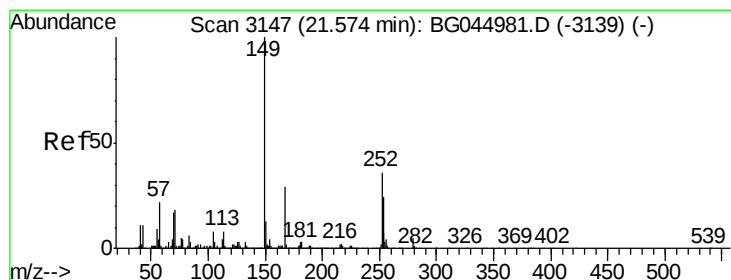
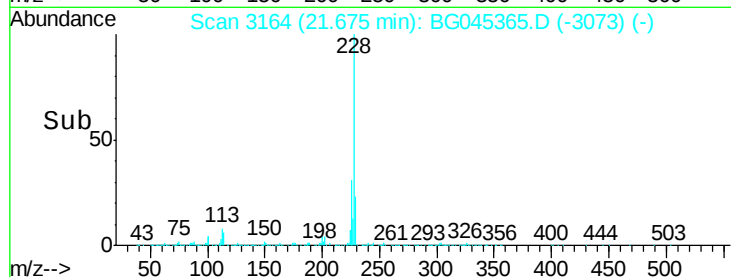
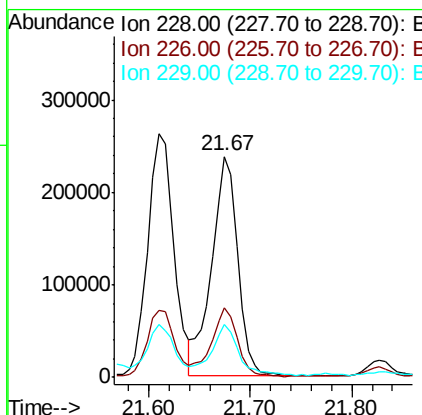
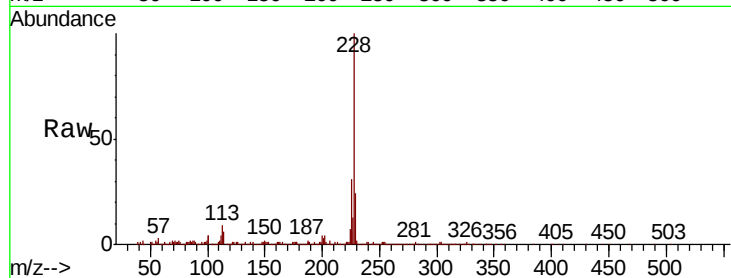
#83
 Chrysene
 Concen: 17.558 ng
 RT: 21.67 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-050820MSD

Tot Ion:	228	Resp:	427646
Ion Ratio	Lower	Upper	
228	100		
226	31.2	26.2	39.4
229	23.7	17.0	25.6

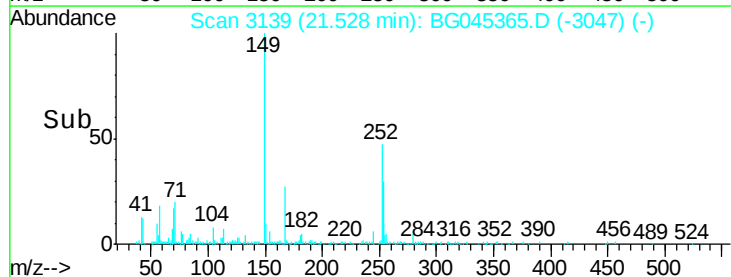
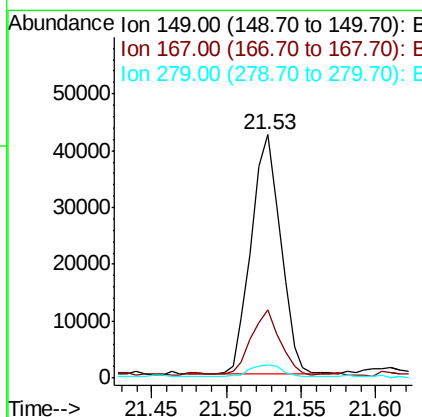
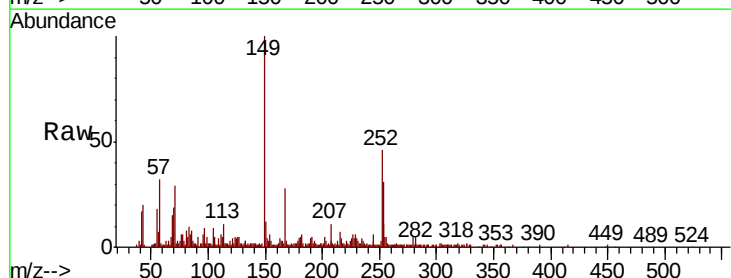
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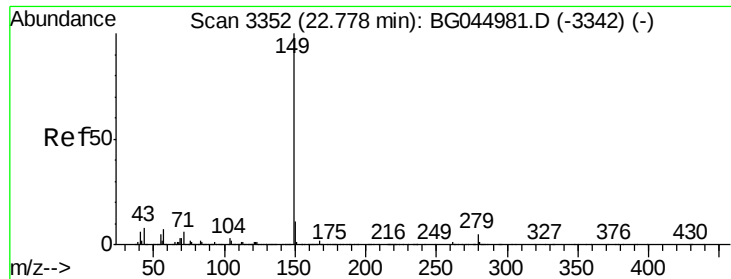
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.759 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:	149	Resp:	57775
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 3.615 ng

RT: 22.72 min Scan# 3342

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

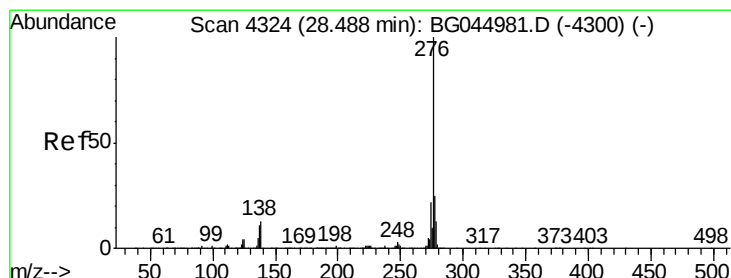
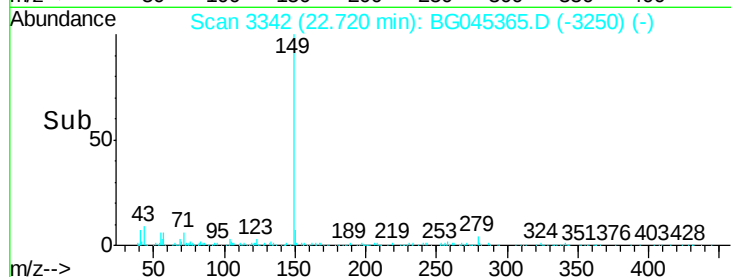
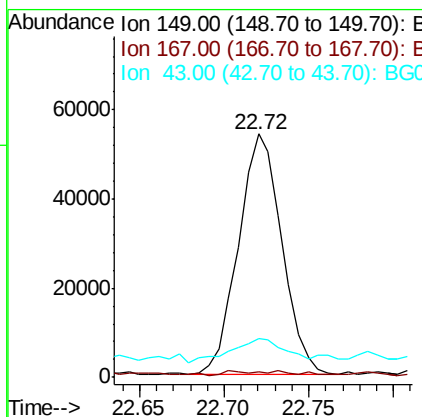
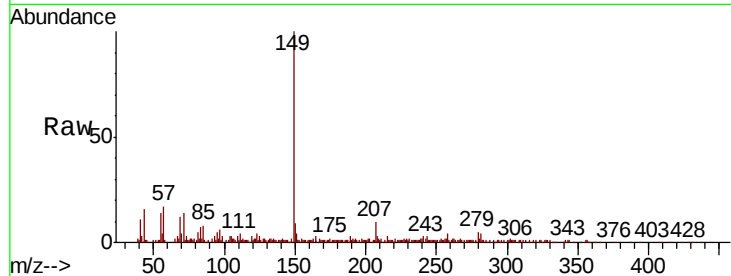
ClientSampleId :

PL-01-050820MSD

Tot Ion:	149	Resp:	96100
Ion Ratio	Lower	Upper	
149	100		
167	1.2	1.4	2.2#
43	12.1	5.7	8.5#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 9.793 ng

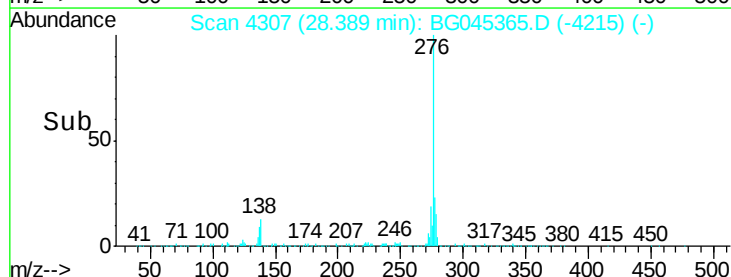
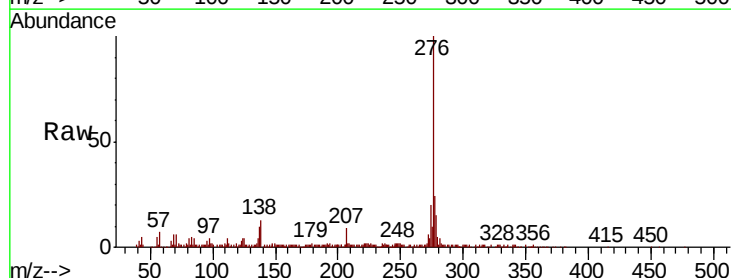
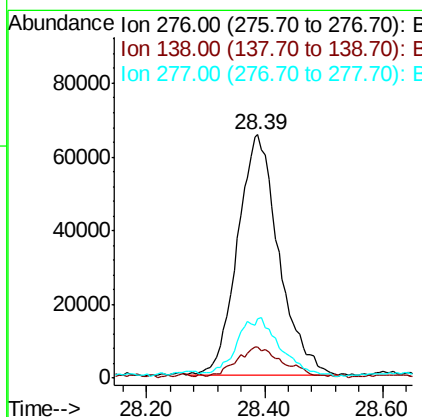
RT: 28.39 min Scan# 4307

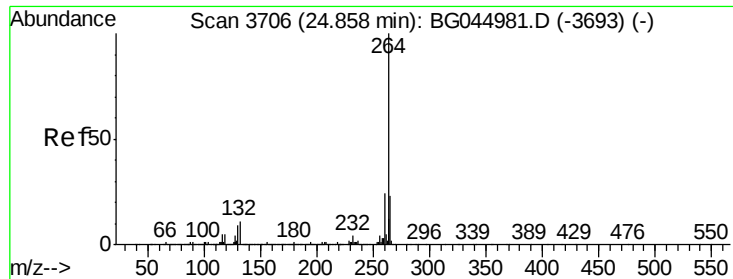
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	276	Resp:	316684
Ion Ratio	Lower	Upper	
276	100		
138	13.6	9.6	14.4
277	26.6	20.6	31.0





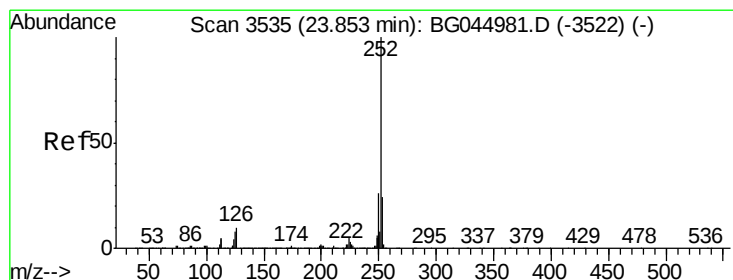
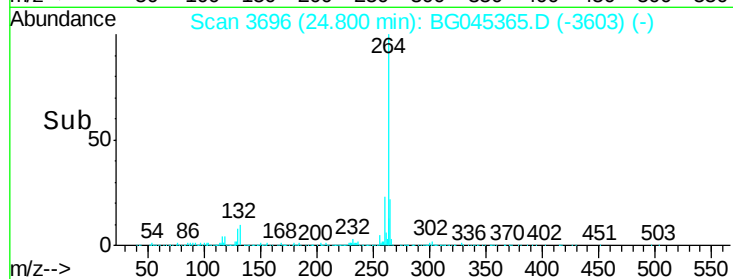
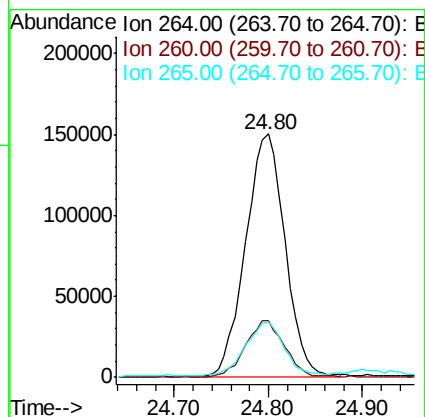
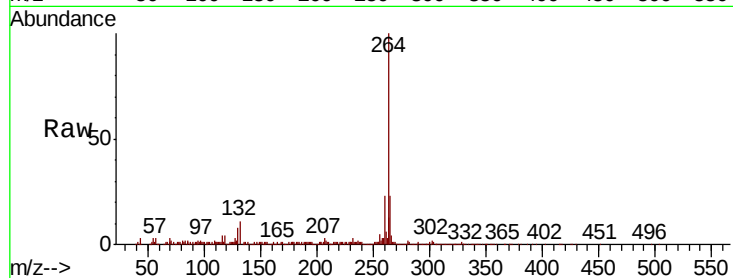
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3696
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.0	19.0	28.4

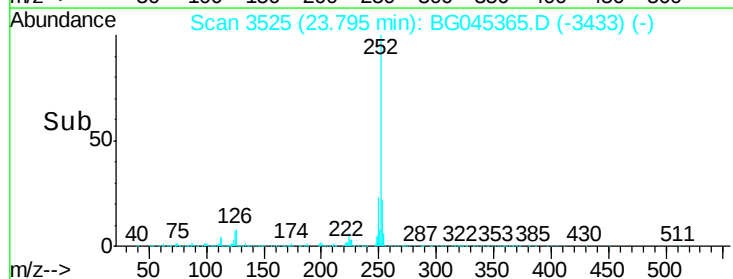
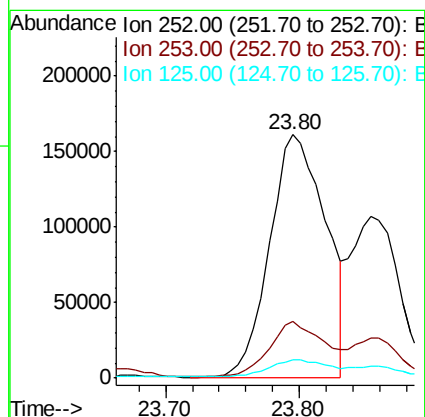
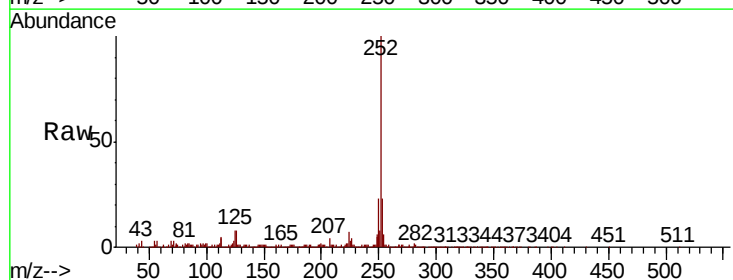
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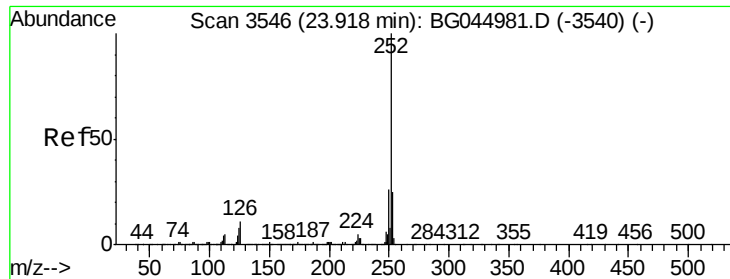
mohammad
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#88
Benzo(b)fluoranthene
Concen: 17.106 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	7.6	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 10.483 ng m

RT: 23.85 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

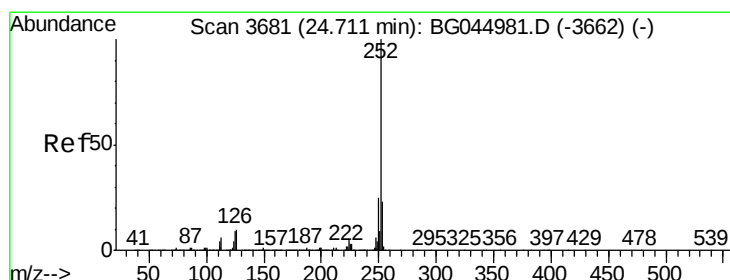
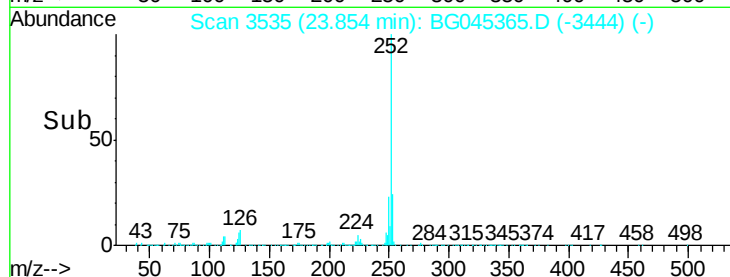
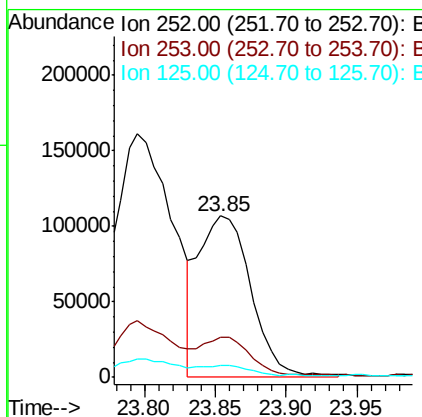
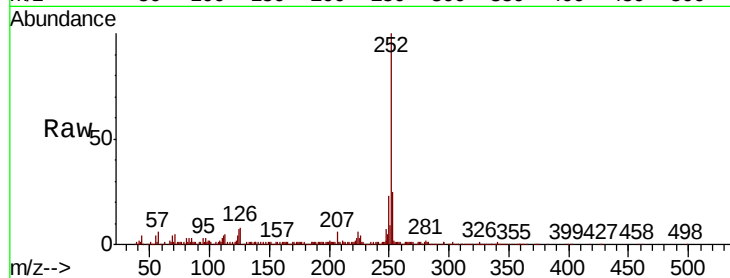
ClientSampleId :

PL-01-050820MSD

Tot Ion:	252	Resp:	272439
Ion Ratio	Lower	Upper	
252	100		
253	25.0	19.2	28.8
125	7.4	5.9	8.9

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#90

Benzo(a)pyrene

Concen: 15.221 ng m

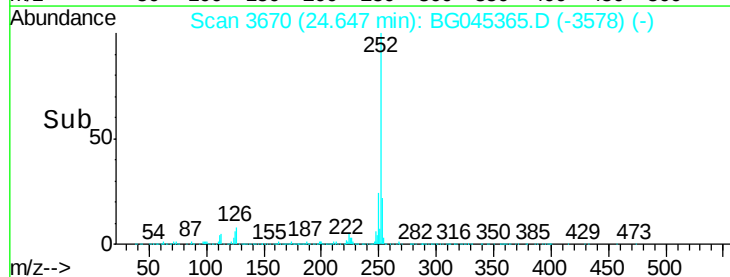
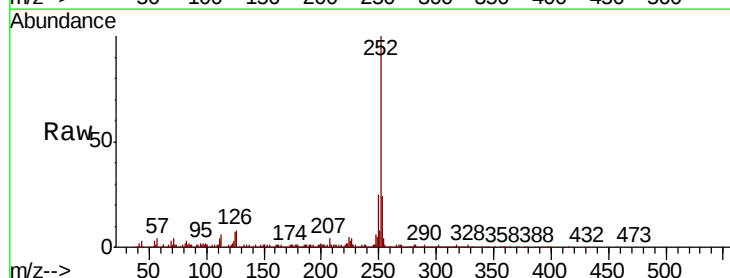
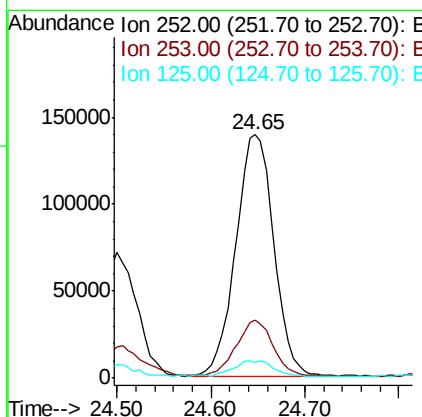
RT: 24.65 min Scan# 3670

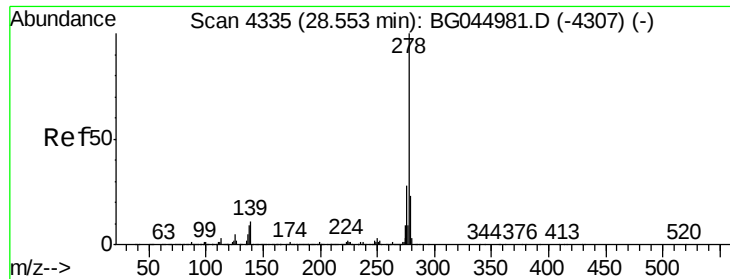
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	252	Resp:	392732
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.3	27.5
125	6.6	7.0	10.6#





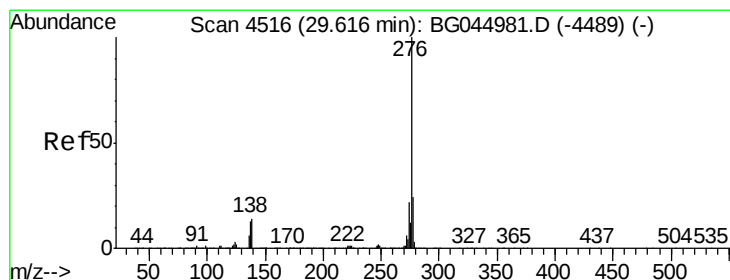
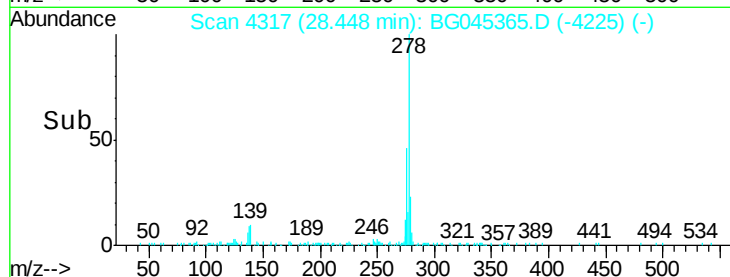
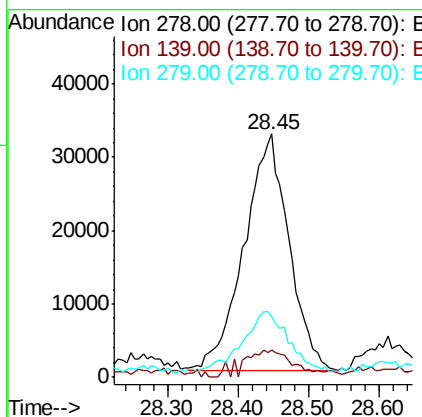
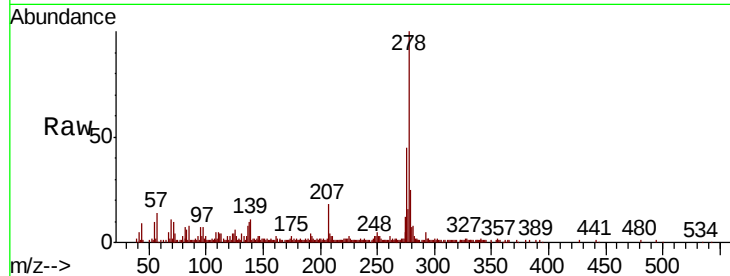
#91
Dibenzo(a,h)anthracene
Concen: 5.503 ng
RT: 28.45 min Scan# 4317
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :
PL-01-050820MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	9.0	13.6
279	24.7	18.4	27.6

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#92
Benzo(g,h,i)perylene
Concen: 11.044 ng
RT: 29.51 min Scan# 4497
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.3	28.9
138	10.0	11.4	17.2

