

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
 Data File : BG045218.D
 Acq On : 1 May 2020 16:16
 Operator : CG/JU
 Sample : PB128614BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BS

Manual Integrations
 APPROVED

mohammad
 5/4/2020 3:46:14 PM

Quant Time: May 01 17:13:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 11:17:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	59719	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	235227	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	183545	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	452371	20.00	ng	0.00
76) Chrysene-d12	21.65	240	430274	20.00	ng	0.00
87) Perylene-d12	24.82	264	482876	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	449974	124.40	ng	0.00
7) Phenol-d6	7.16	99	625208	116.33	ng	0.00
23) Nitrobenzene-d5	9.15	82	398493	77.30	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	341359	120.39	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	979055	78.22	ng	0.00
79) Terphenyl-d14	20.00	244	1784319	90.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	61774	38.427	ng	100
3) Pyridine	3.84	79	138435	27.969	ng	95
4) n-Nitrosodimethylamine	3.75	42	61730	40.712	ng	91
6) Aniline	7.31	93	204206	29.224	ng	97
8) 2-Chlorophenol	7.55	128	165861	42.664	ng	100
9) Benzaldehyde	7.12	77	143023	50.830	ng	96
10) Phenol	7.18	94	221396	41.167	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	152622	35.644	ng	97
12) 1,3-Dichlorobenzene	7.88	146	179303	39.141	ng	99
13) 1,4-Dichlorobenzene	8.02	146	180313	39.502	ng	99
14) 1,2-Dichlorobenzene	8.35	146	170299	38.997	ng	95
15) Benzyl Alcohol	8.22	79	165791	36.794	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	144808	34.452	ng	96
17) 2-Methylphenol	8.44	107	148779	35.856	ng	95
18) Hexachloroethane	9.08	117	67526	39.351	ng	89
19) n-Nitroso-di-n-propylamine	8.79	70	137495	36.176	ng	98
20) 3+4-Methylphenols	8.77	107	204500	35.210	ng	98
22) Acetophenone	8.81	105	254391	39.991	ng	# 99
24) Nitrobenzene	9.19	77	209102	39.570	ng	97
25) Isophorone	9.72	82	401004	37.984	ng	99
26) 2-Nitrophenol	9.90	139	93054	40.881	ng	97
27) 2,4-Dimethylphenol	9.98	122	161002	44.578	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	220327	39.721	ng	95
29) 2,4-Dichlorophenol	10.45	162	179498	43.041	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	192285	40.724	ng	99
31) Naphthalene	10.85	128	522647	40.616	ng	98
32) Benzoic acid	10.12	122	102090	36.718	ng	95
33) 4-Chloroaniline	10.96	127	129047	21.503	ng	99
34) Hexachlorobutadiene	11.14	225	131923	40.751	ng	98
35) Caprolactam	11.71	113	65453m	39.435	ng	
36) 4-Chloro-3-methylphenol	12.08	107	212268	43.328	ng	100
37) 2-Methylnaphthalene	12.46	142	410247	41.074	ng	98
38) 1-Methylnaphthalene	12.68	142	384495	40.778	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	231822	39.228	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	311310	84.283	nq	99
43) 2,4,6-Trichlorophenol	13.07	196	169664	40.679	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	183581	38.669	nq	97
46) 1,1'-Biphenyl	13.46	154	537787	38.549	nq	100
47) 2-Chloronaphthalene	13.51	162	412291	38.677	nq	99
48) 2-Nitroaniline	13.71	65	135990	38.774	nq	98
49) Acenaphthylene	14.36	152	698451	40.226	nq	99
50) Dimethylphthalate	14.09	163	581232	38.891	nq	99
51) 2,6-Dinitrotoluene	14.20	165	131745	39.412	nq	96
52) Acenaphthene	14.70	154	512872m	43.657	nq	
53) 3-Nitroaniline	14.53	138	88607	24.168	nq	94
54) 2,4-Dinitrophenol	14.74	184	150460	75.695	nq	94
55) Dibenzofuran	15.03	168	684409	39.960	nq	96
56) 4-Nitrophenol	14.85	139	217811	76.622	nq	95
57) 2,4-Dinitrotoluene	14.99	165	191766	39.255	nq	96
58) Fluorene	15.69	166	570116	40.752	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	184596	43.699	nq	98
60) Diethylphthalate	15.46	149	613655	39.383	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	312690	38.831	nq	96
62) 4-Nitroaniline	15.70	138	133963	35.229	nq	95
63) Azobenzene	15.97	77	584436	40.682	nq	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	120923	40.668	nq	97
66) n-Nitrosodiphenylamine	15.89	169	519267	39.951	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	221977	38.036	nq	97
68) Hexachlorobenzene	16.70	284	241908	39.968	nq	99
69) Atrazine	16.84	200	203672	42.721	nq	99
70) Pentachlorophenol	17.04	266	287974	77.558	nq	98
71) Phenanthrene	17.42	178	947816	40.773	nq	100
72) Anthracene	17.51	178	972139	41.690	nq	100
73) Carbazole	17.78	167	882235	37.282	nq	99
74) Di-n-butylphthalate	18.35	149	1077921	41.355	nq	99
75) Fluoranthene	19.43	202	1203629	43.901	nq	98
77) Benzidine	19.61	184	710179	58.814	nq	98
78) Pyrene	19.79	202	1185916	39.979	nq	99
80) Butylbenzylphthalate	20.68	149	482786	39.264	nq	99
81) Benzo(a)anthracene	21.63	228	1146682	41.118	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	305421	27.515	nq	98
83) Chrysene	21.69	228	1106668	41.301	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	680056	40.214	nq	97
85) Di-n-octyl phthalate	22.75	149	1175711	40.204	nq	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1484342	41.724	nq	# 96
88) Benzo(b)fluoranthene	23.82	252	1220571	40.353	nq	97
89) Benzo(k)fluoranthene	23.89	252	1216121	42.278	nq	99
90) Benzo(a)pyrene	24.67	252	1154392	40.423	nq	# 98
91) Dibenzo(a,h)anthracene	28.50	278	1208212	41.986	nq	97
92) Benzo(g,h,i)perylene	29.57	276	1229783	42.627	nq	98

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

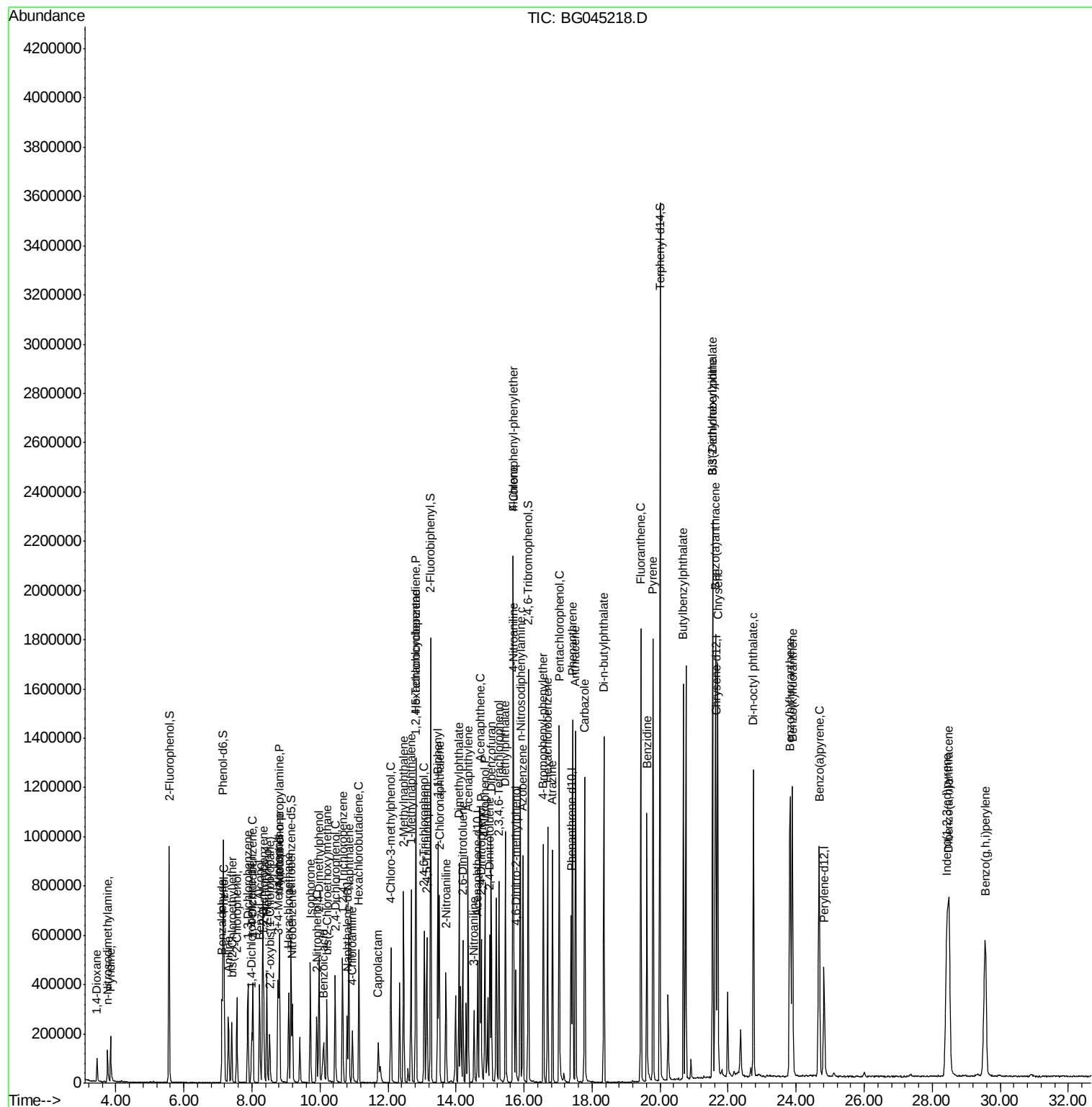
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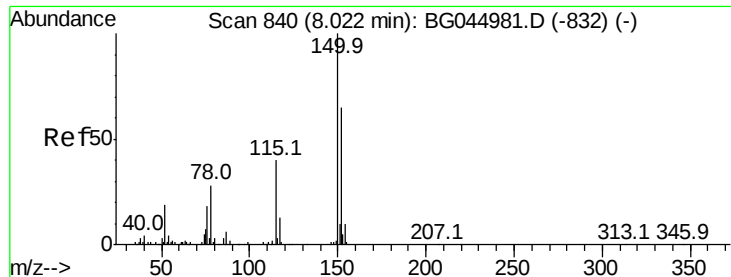
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

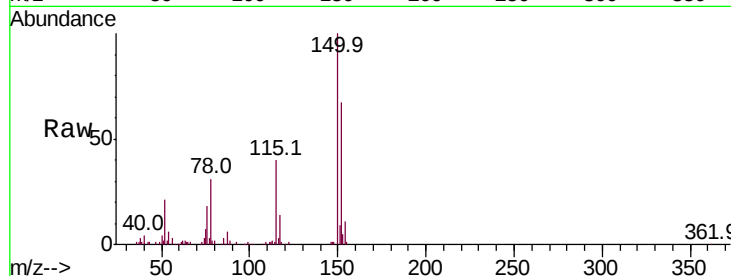
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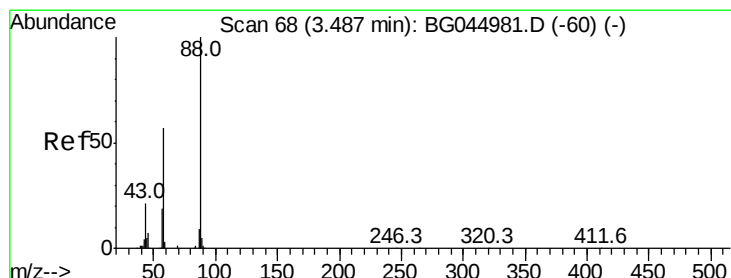
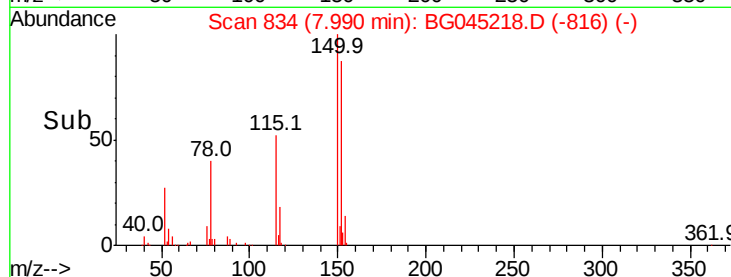
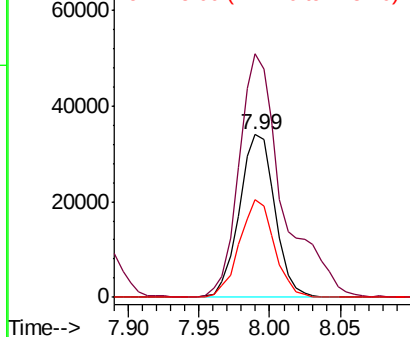
Tot Ion:	152	Resp:	59719
Ion	Ratio	Lower	Upper
152	100		
150	149.5	123.6	185.4
115	59.9	49.1	73.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.427 ng

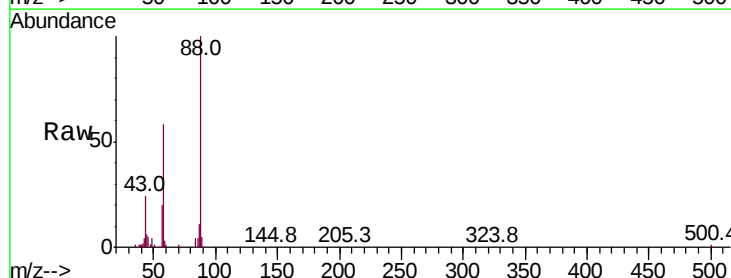
RT: 3.44 min Scan# 60

Delta R.T. -0.00 min

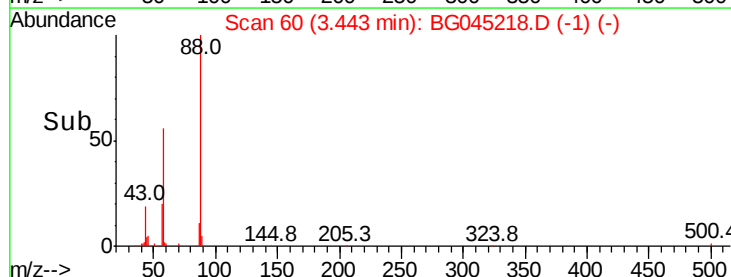
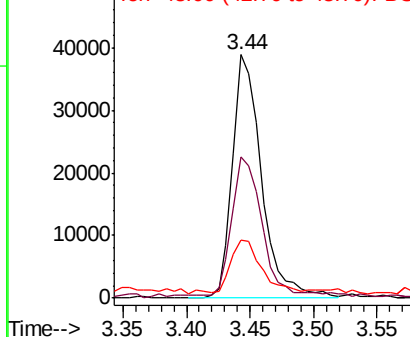
Lab File: BG045218.D

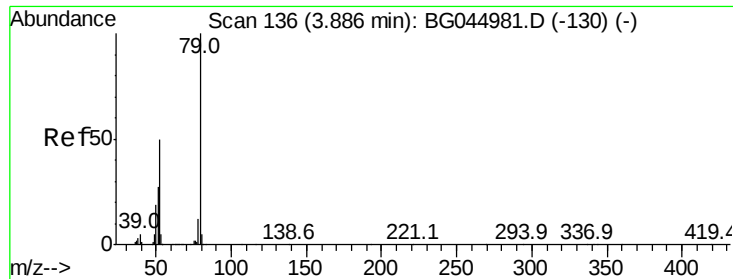
Acq: 1 May 2020 16:16

Tgt Ion:	88	Resp:	61774
Ion	Ratio	Lower	Upper
88	100		
58	58.5	46.6	69.8
43	21.8	17.5	26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.969 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

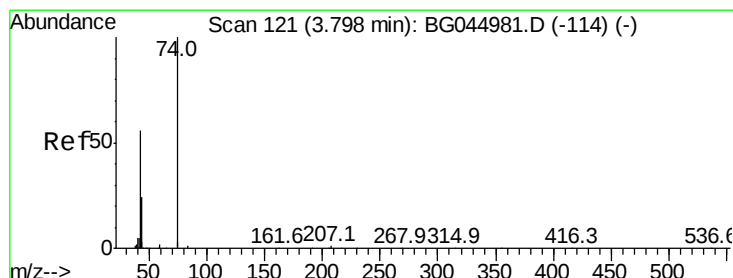
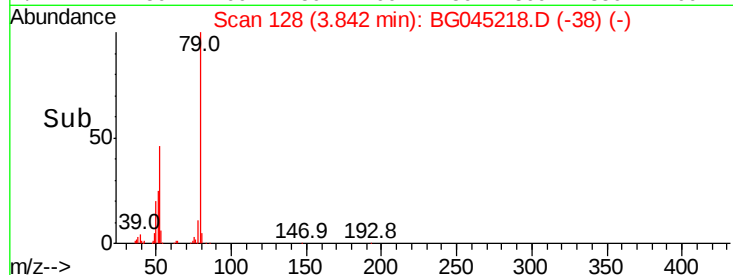
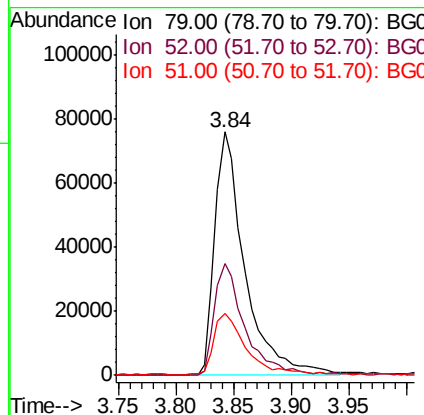
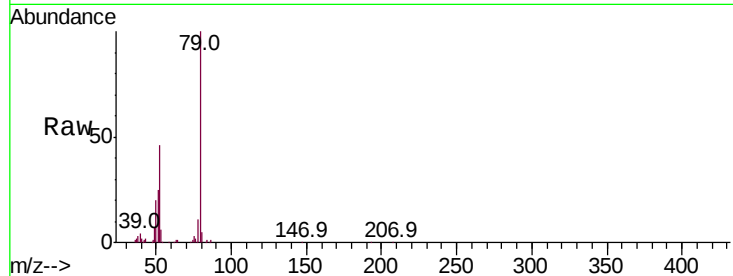
ClientSampleId :

PB128614BS

Tot Ion:	79	Resp:	138435
Ion Ratio	Lower	Upper	
79	100		
52	45.6	39.8	59.6
51	25.4	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 40.712 ng

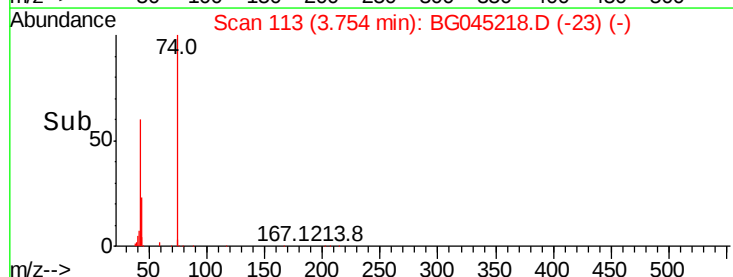
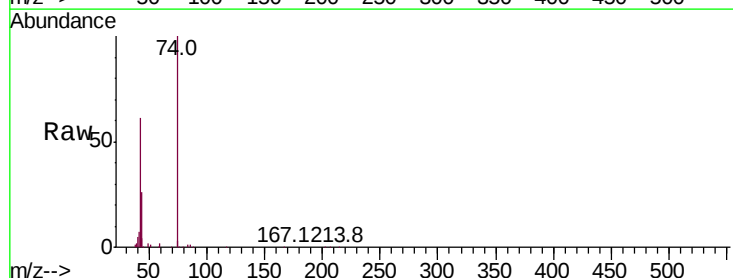
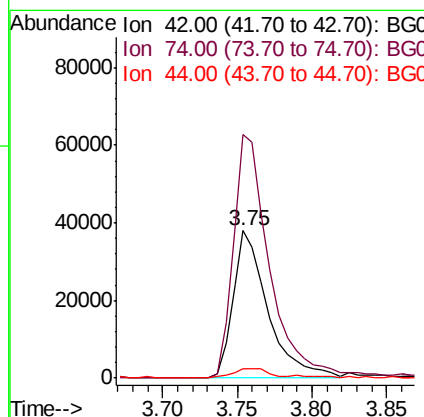
RT: 3.75 min Scan# 113

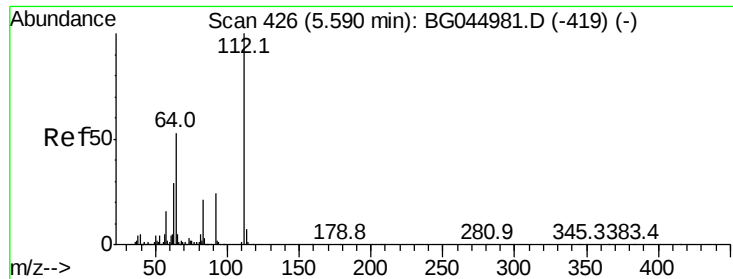
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	42	Resp:	61730
Ion Ratio	Lower	Upper	
42	100		
74	165.2	143.0	214.6
44	6.4	4.6	6.8





#5

2-Fluorophenol

Concen: 124.396 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

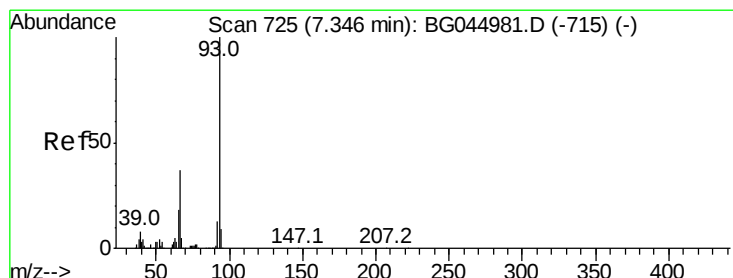
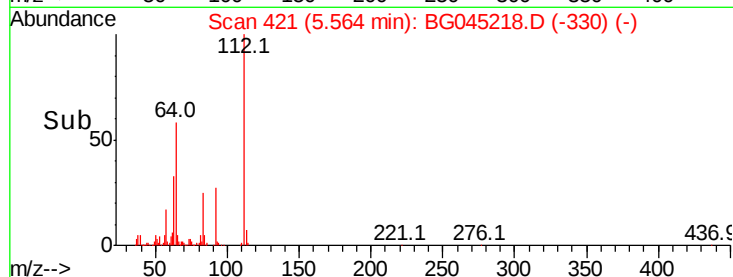
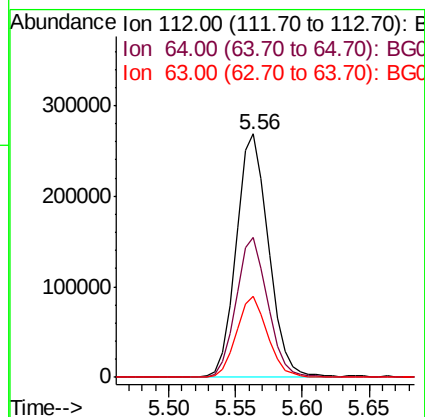
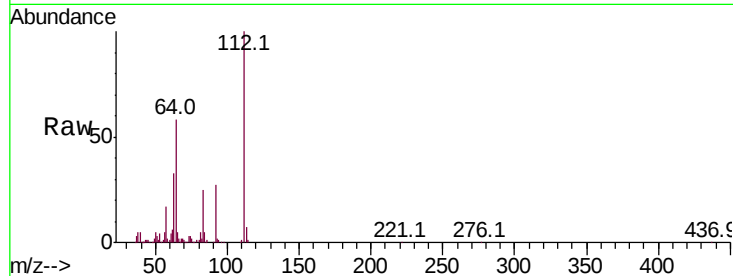
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Tot Ion:	112	Resp:	449974
Ion Ratio	Lower	Upper	
112	100		
64	57.7	42.4	63.6
63	33.1	23.1	34.7

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#6

Aniline

Concen: 29.224 ng

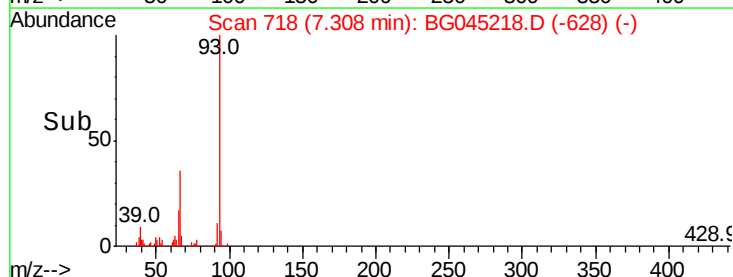
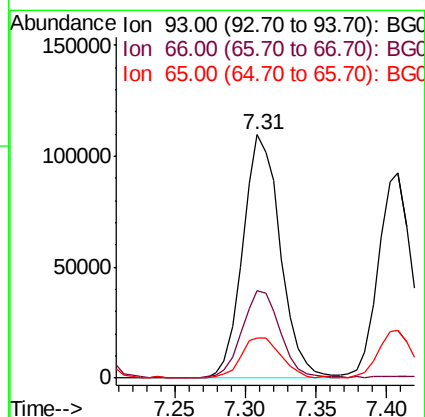
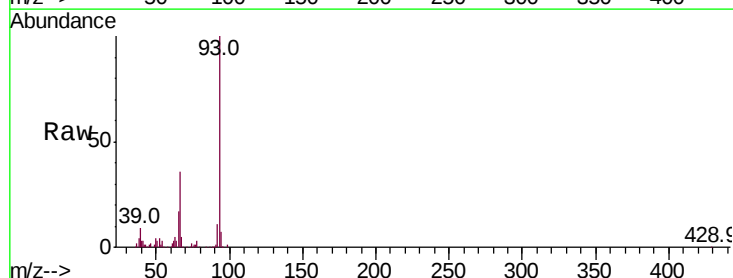
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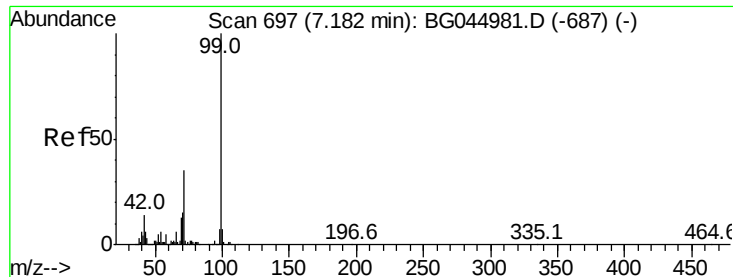
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	93	Resp:	204206
Ion Ratio	Lower	Upper	
93	100		
66	35.7	29.8	44.8
65	16.7	14.6	22.0





#7

Phenol-d6

Concen: 116.332 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

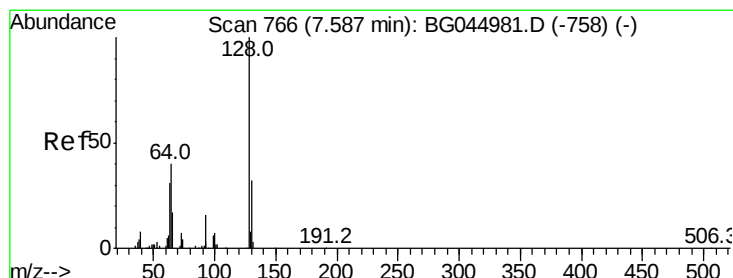
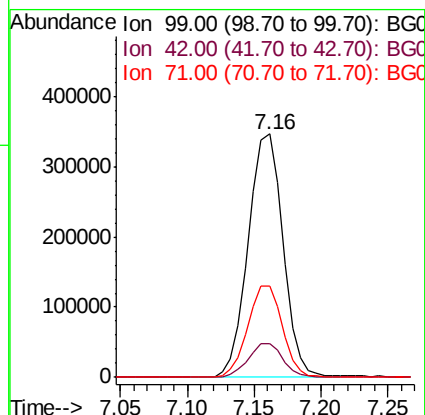
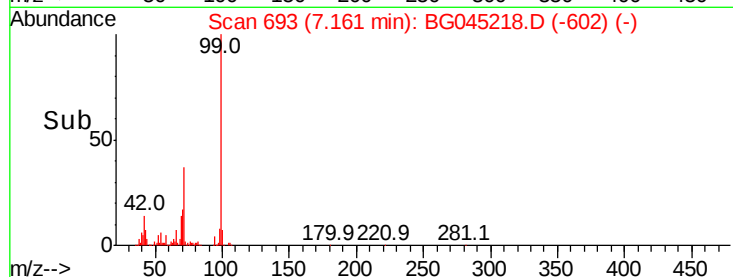
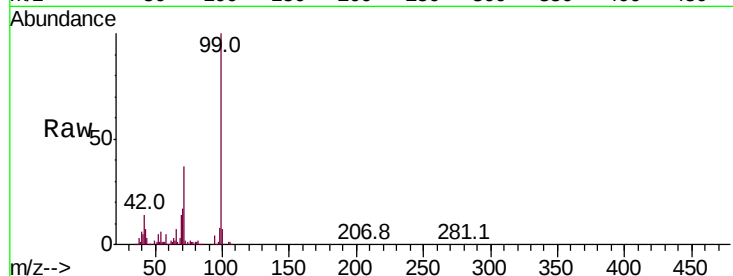
ClientSampleId :

PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	625208		
42	13.8	11.3	16.9	
71	37.3	28.3	42.5	

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#8

2-Chlorophenol

Concen: 42.664 ng

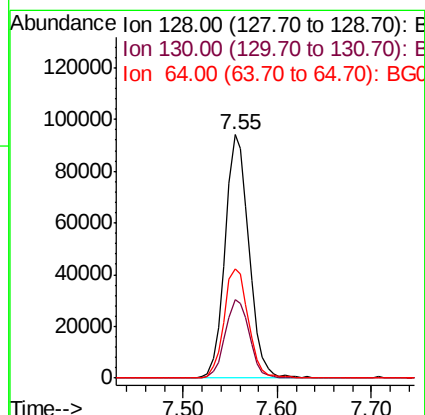
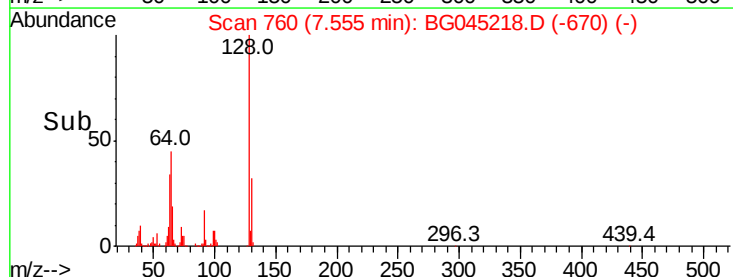
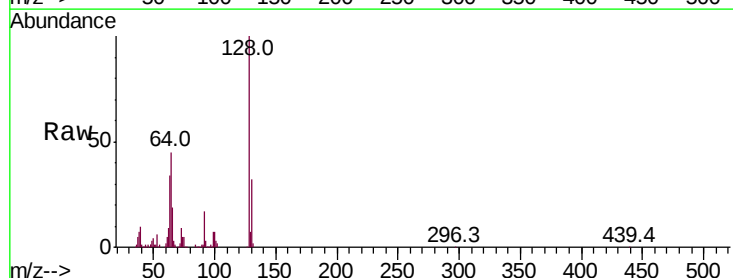
RT: 7.55 min Scan# 760

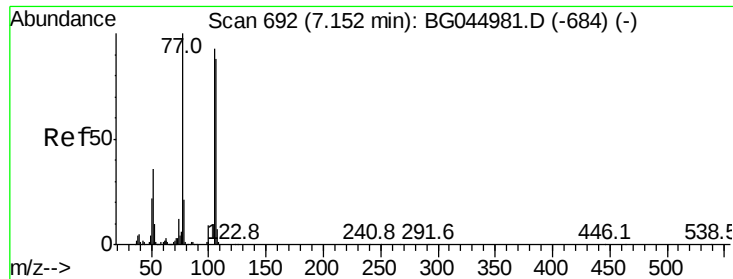
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	165861		
130	32.1	12.3	52.3	
64	44.6	24.4	64.4	





#9

Benzaldehyde

Concen: 50.830 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

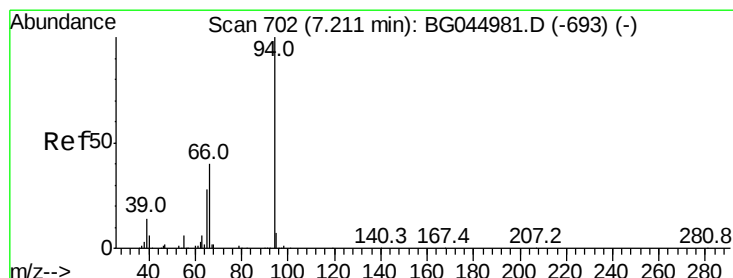
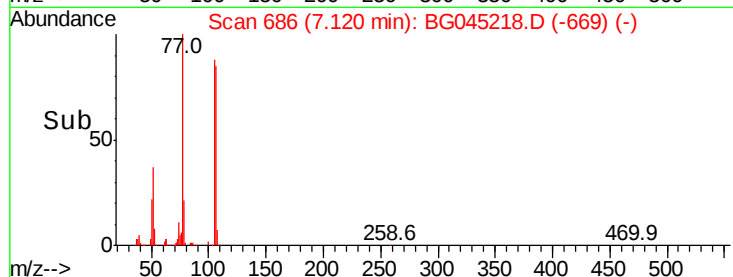
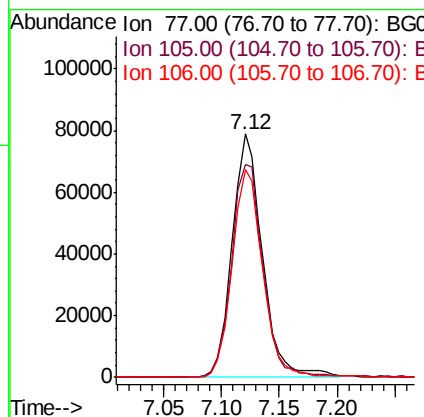
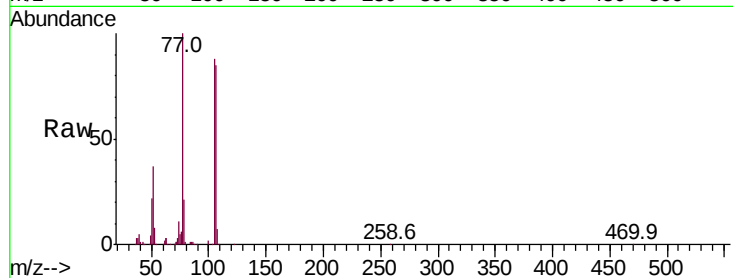
ClientSampleID :

PB128614BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	87.7	72.9	112.9
106	85.1	67.6	107.6

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#10

Phenol

Concen: 41.167 ng

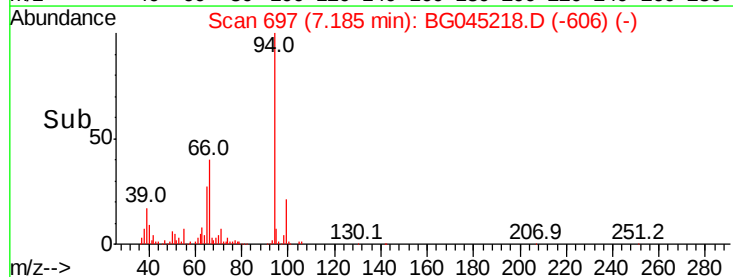
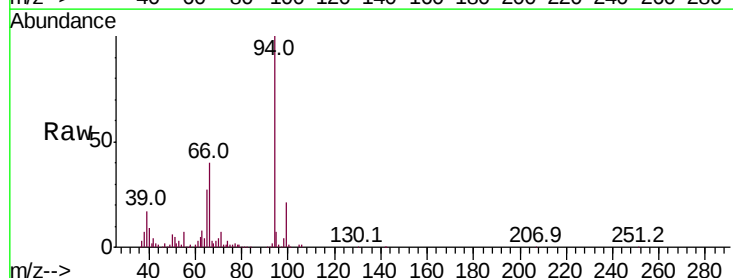
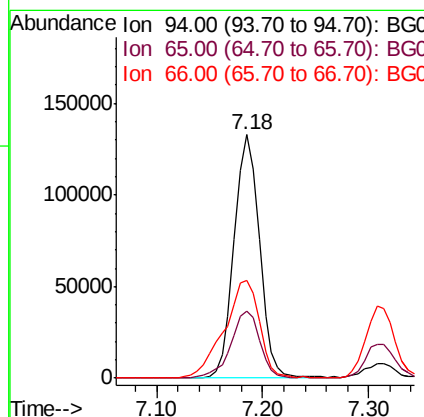
RT: 7.18 min Scan# 697

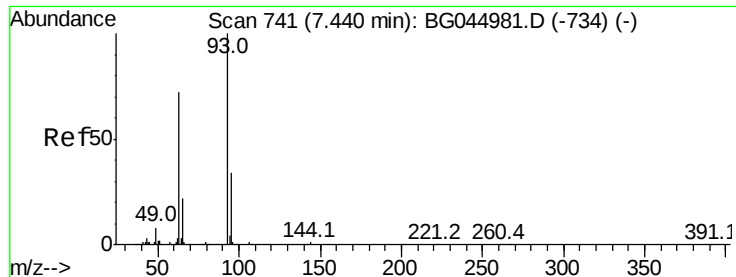
Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.2	48.2
66	40.1	20.4	60.4





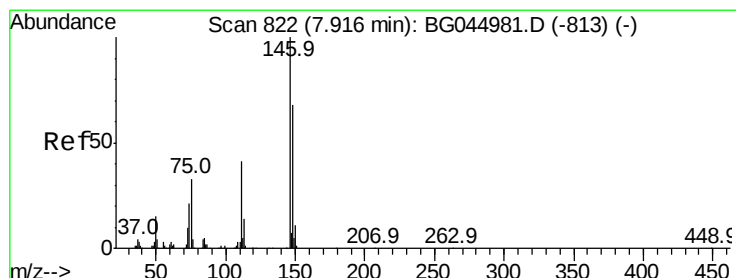
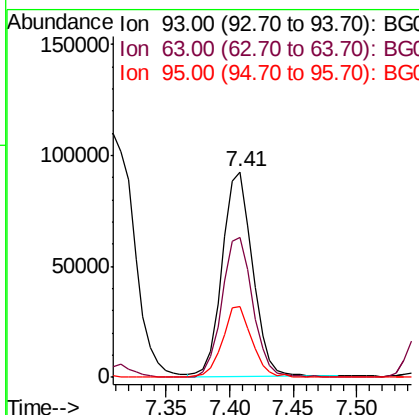
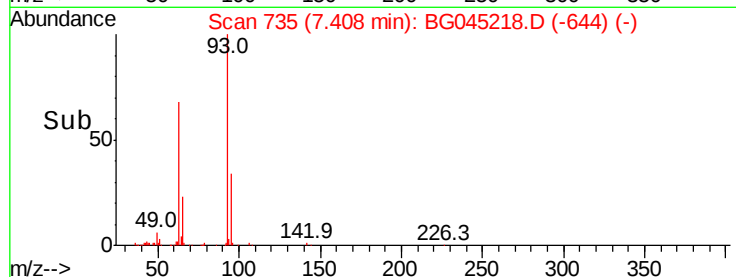
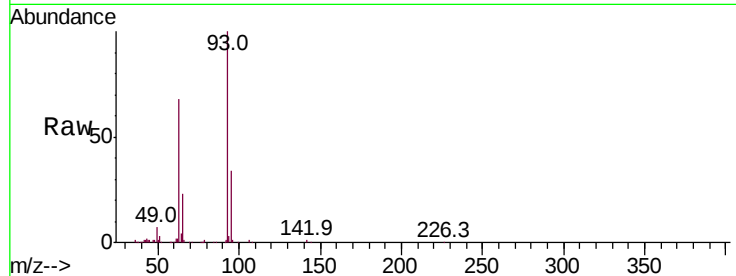
#11
bis(2-Chloroethyl)ether
Concen: 35.644 ng
RT: 7.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampled :
PB128614BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	68.3	51.8	91.8
95	34.2	13.8	53.8

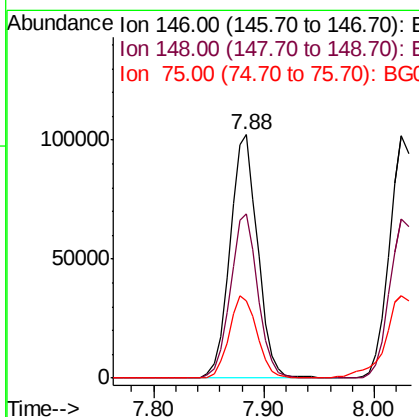
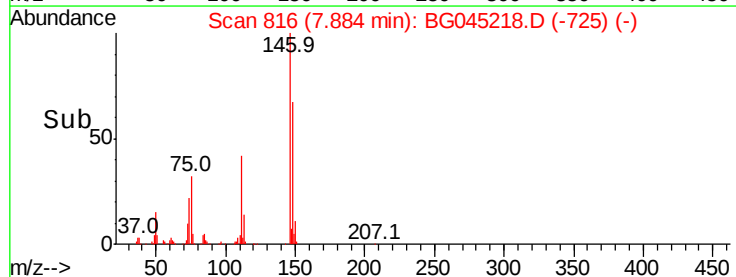
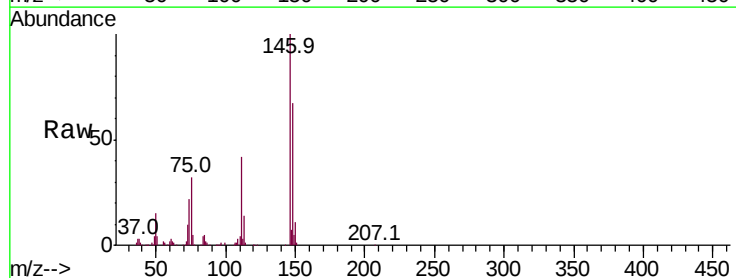
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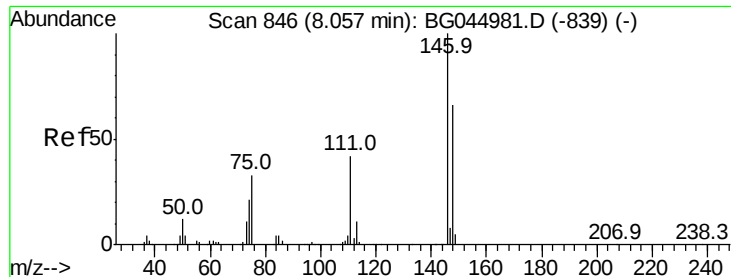
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#12
1,3-Dichlorobenzene
Concen: 39.141 ng
RT: 7.88 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	67.3	54.6	81.8
75	31.6	26.0	39.0





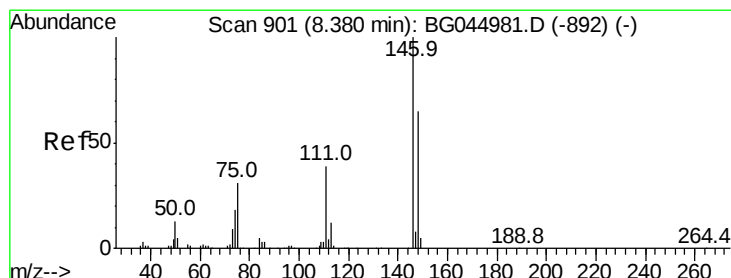
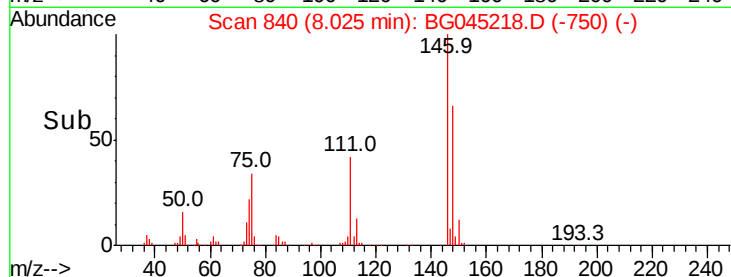
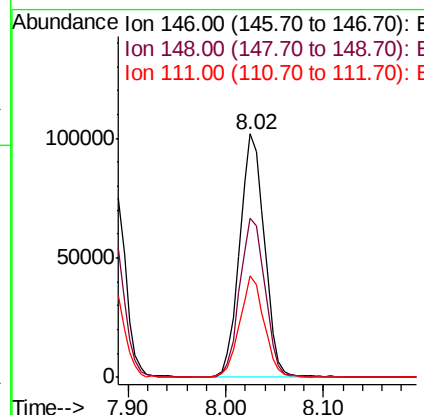
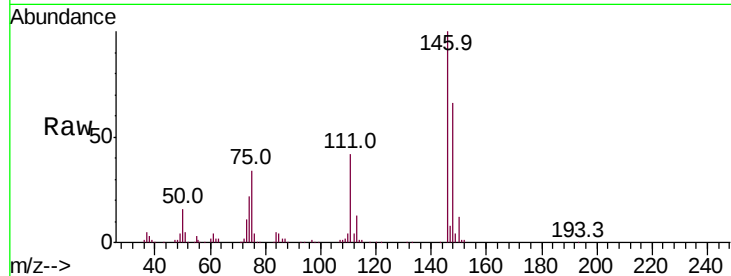
#13
 1,4-Dichlorobenzene
 Concen: 39.502 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Instrument :
 BNA_G
 ClientSampled :
 PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180313		
148	65.6	53.3	79.9	
111	41.9	33.8	50.8	

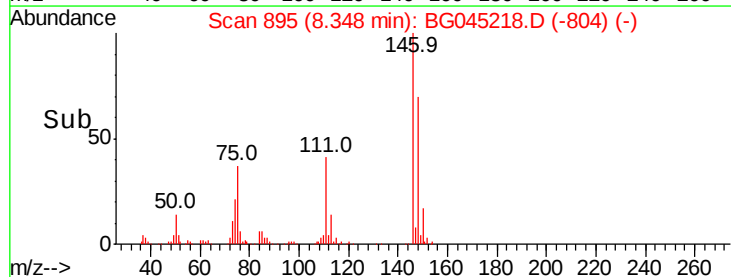
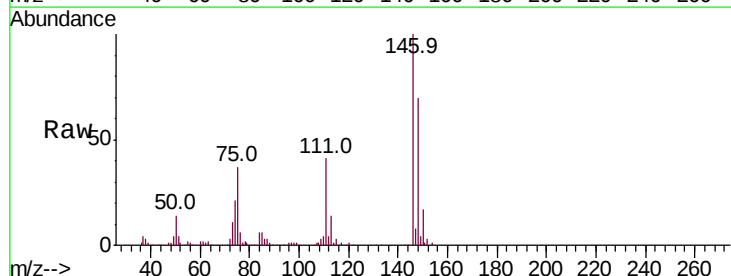
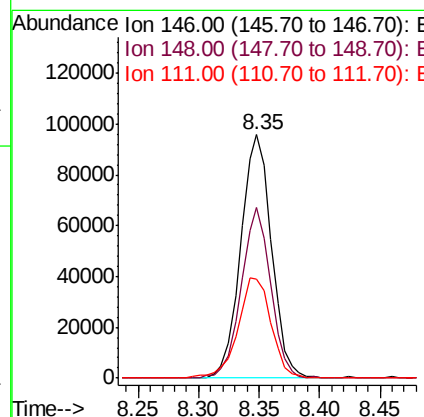
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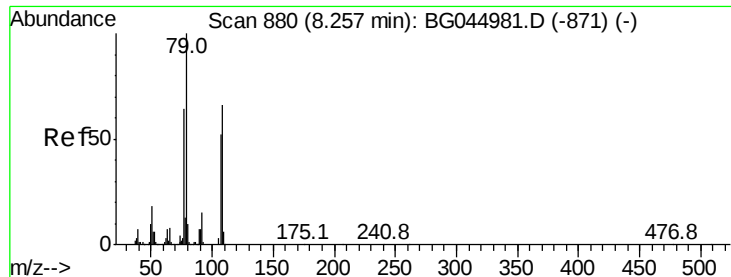
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.997 ng
 RT: 8.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	170299		
148	69.9	51.9	77.9	
111	40.8	31.3	46.9	





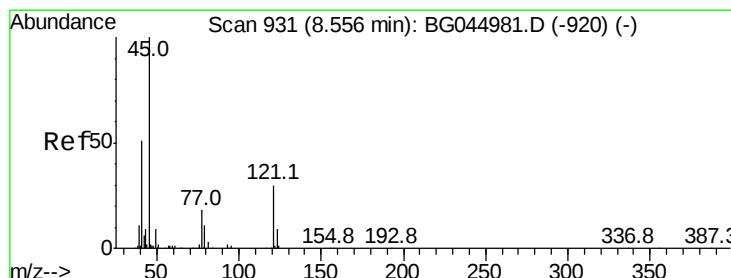
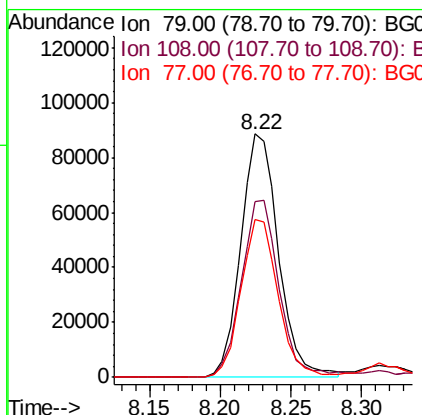
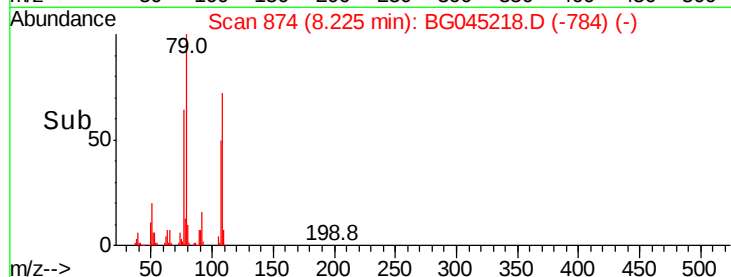
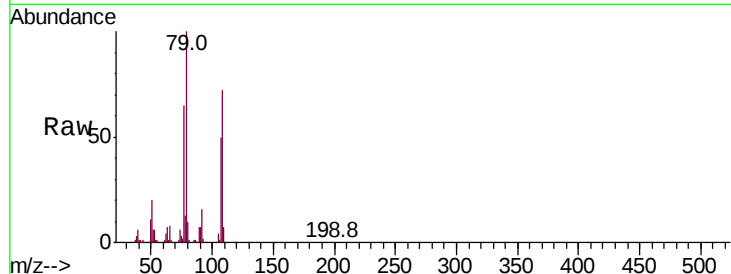
#15
Benzyl Alcohol
Concen: 36.794 ng
RT: 8.22 min Scan# 874
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.4	52.7	79.1
77	64.8	51.3	76.9

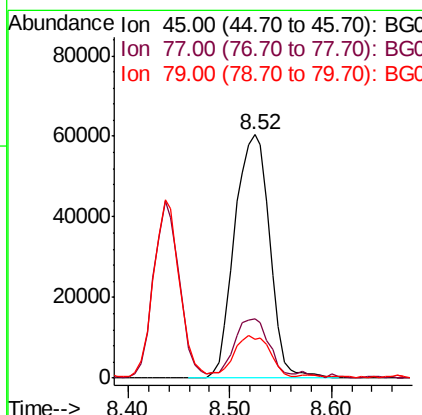
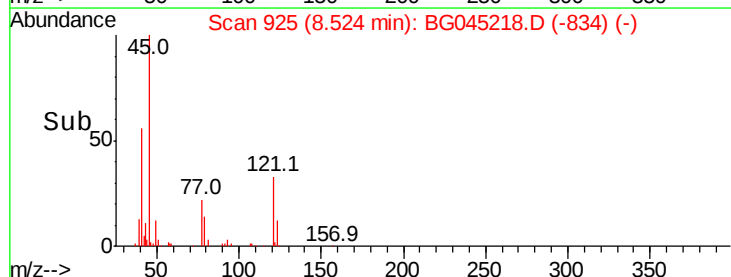
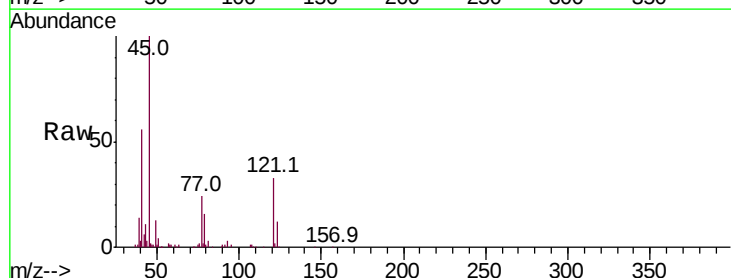
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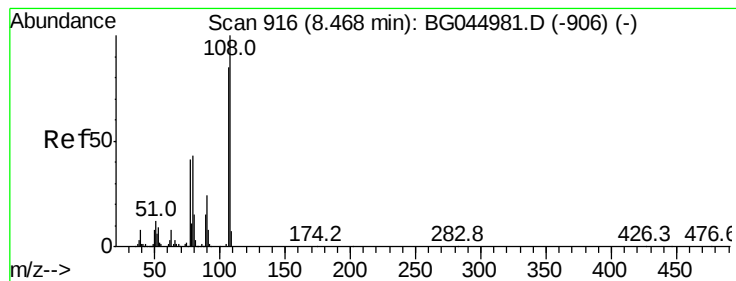
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.452 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.4	1.9	41.9
79	16.1	0.0	35.5





#17

2-Methylphenol

Concen: 35.856 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

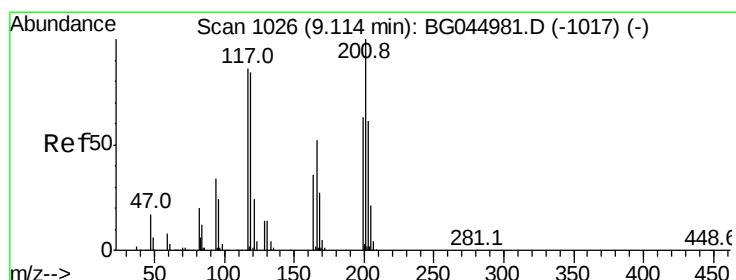
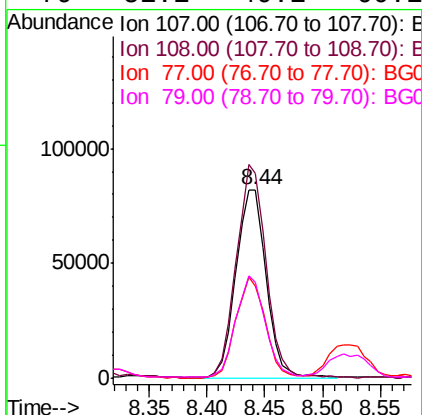
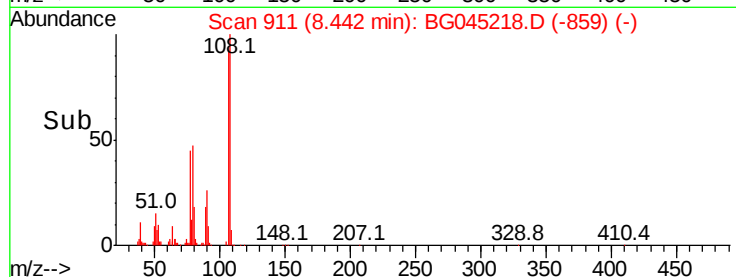
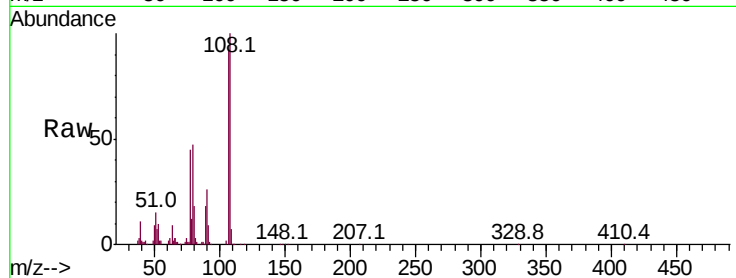
ClientSampled :

PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	93.8	140.6	
77	48.7	38.5	57.7	
79	51.1	40.1	60.1	

Manual Integrations
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#18

Hexachloroethane

Concen: 39.351 ng

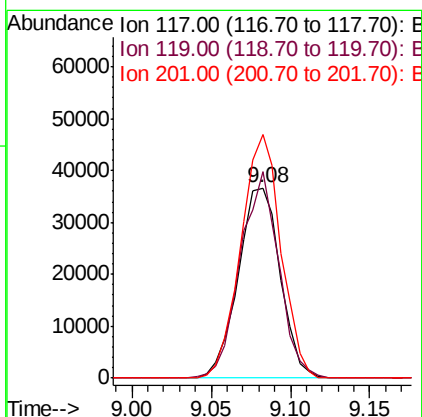
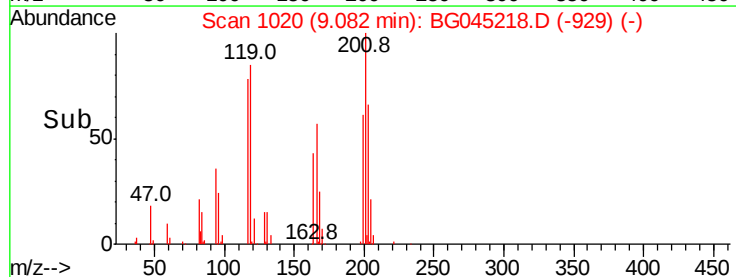
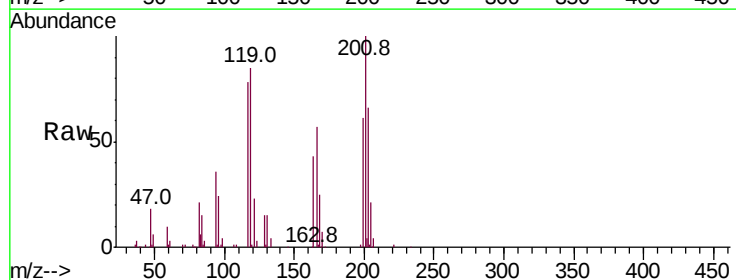
RT: 9.08 min Scan# 1020

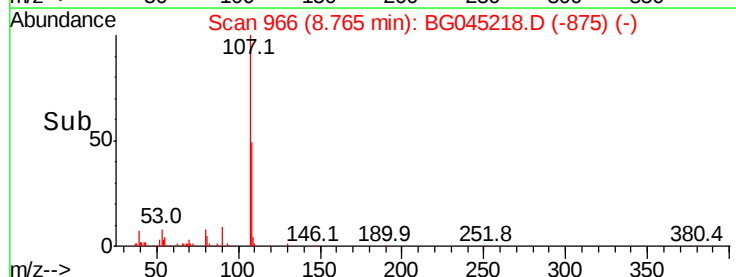
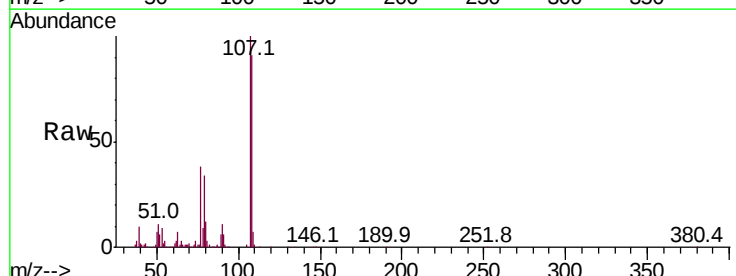
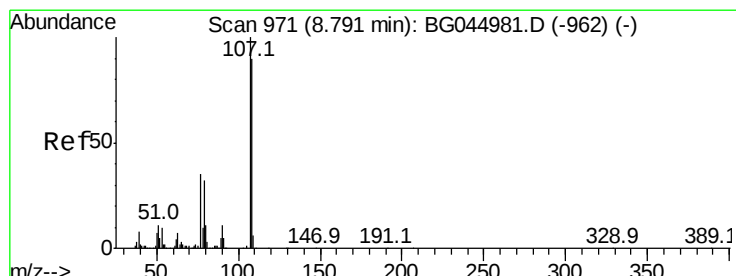
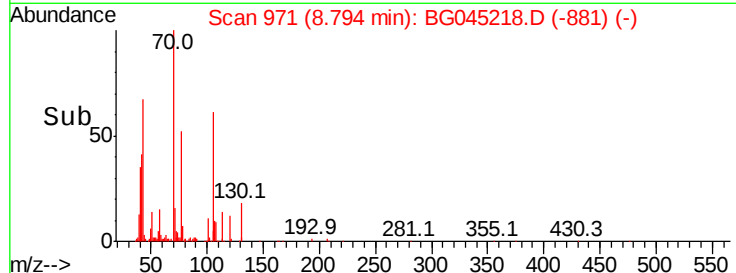
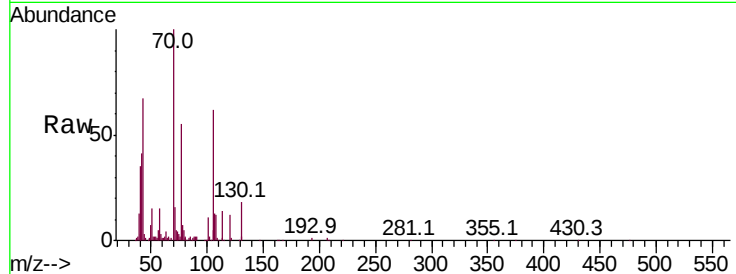
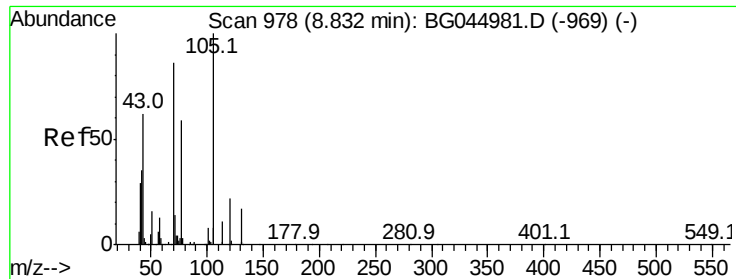
Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	109.0	78.3	117.5	
201	128.2	92.9	139.3	





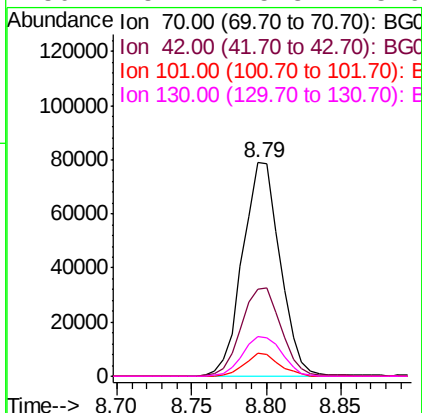
#19
n-Nitroso-di-n-propylamine
Concen: 36.176 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.0	33.3	49.9
101	11.0	7.8	11.8
130	18.4	15.8	23.6

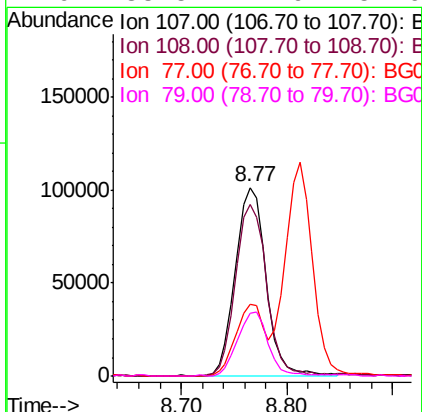
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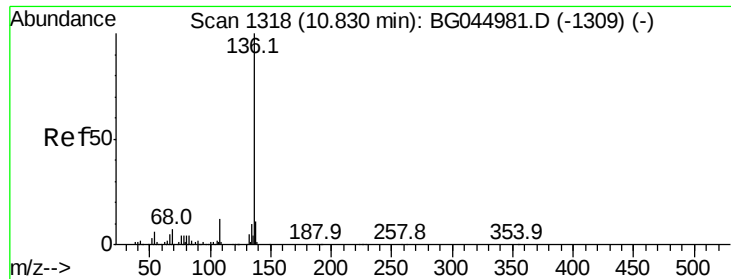
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#20
3+4-Methylphenols
Concen: 35.210 ng
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.9	109.9
77	37.8	15.2	55.2
79	33.5	11.6	51.6





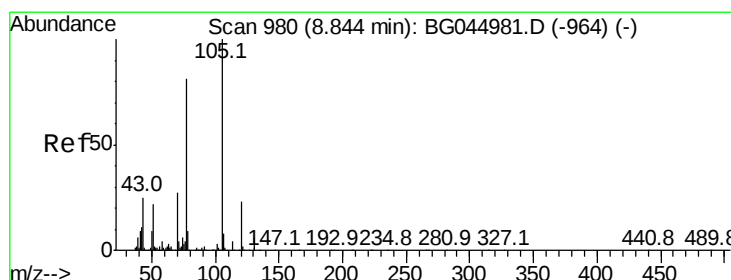
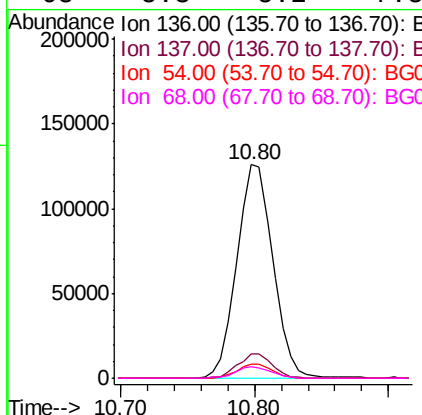
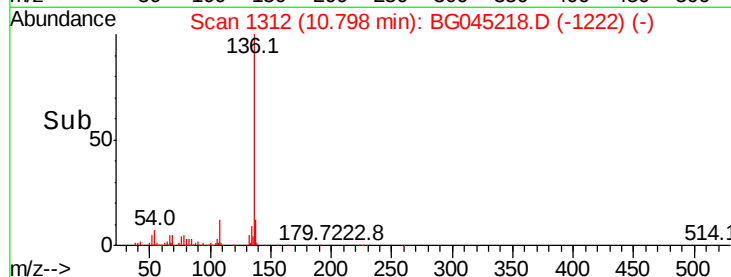
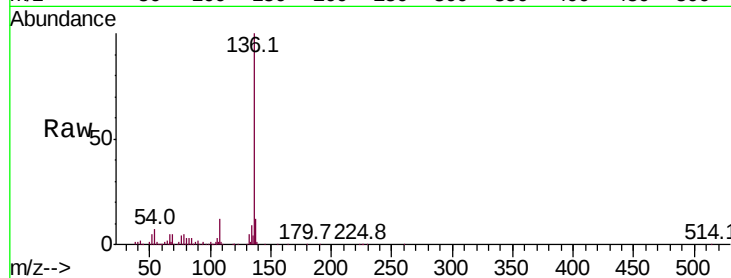
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	235227		
137	11.6		8.6	13.0
54	6.7		4.8	7.2
68	5.3		5.2	7.8

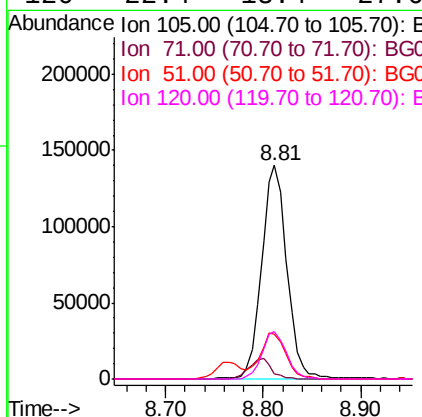
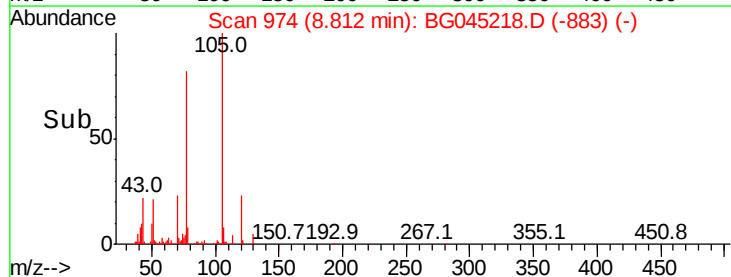
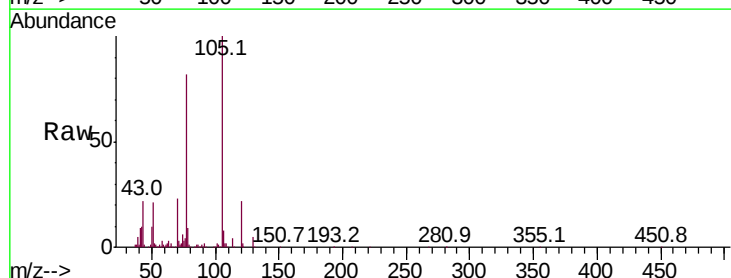
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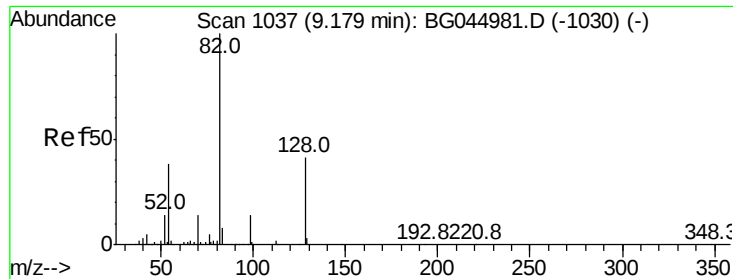
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#22
Acetophenone
Concen: 39.991 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254391		
71	2.7		3.3	4.9#
51	21.2		17.3	25.9
120	22.4		18.4	27.6





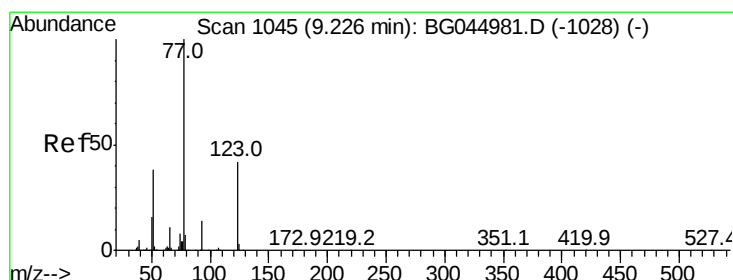
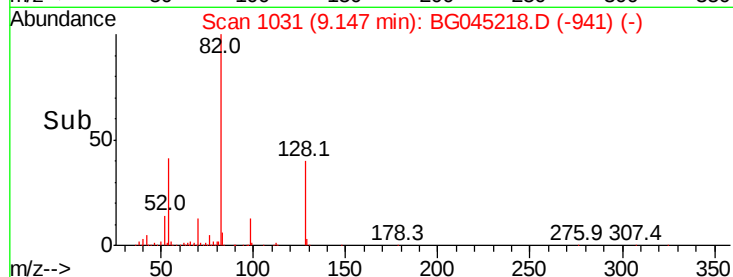
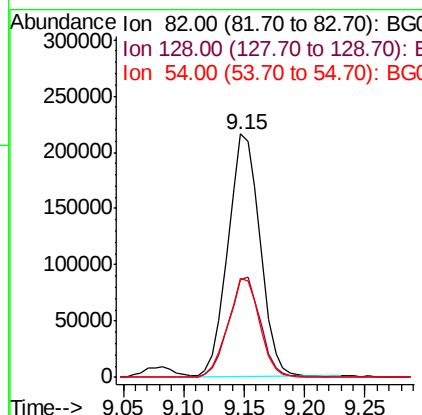
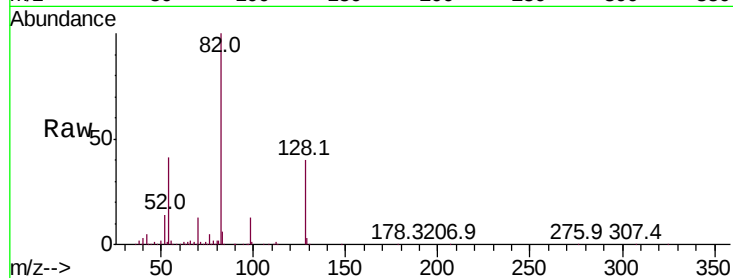
#23
Nitrobenzene-d5
Concen: 77.299 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.0	33.0	49.4	
54	40.5	30.4	45.6	

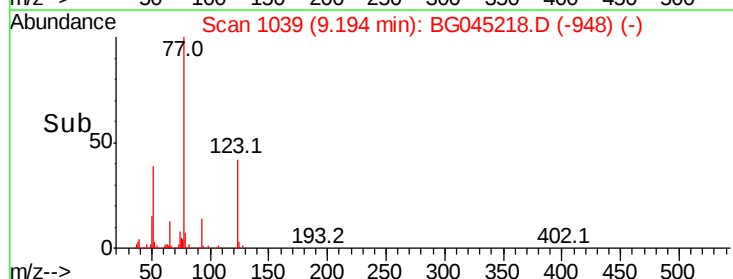
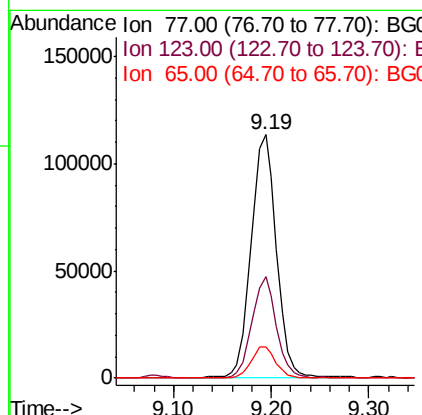
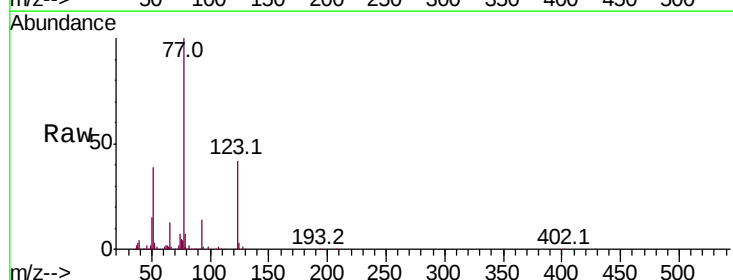
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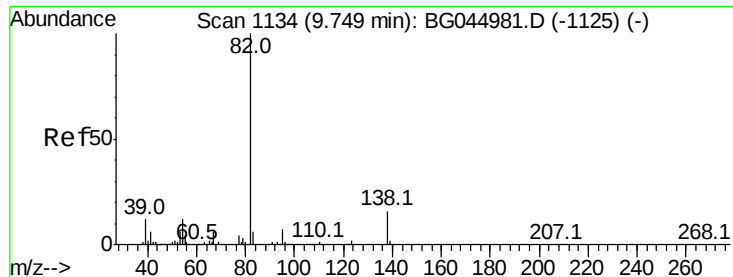
mohammad
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#24
Nitrobenzene
Concen: 39.570 ng
RT: 9.19 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.5	34.3	51.5	
65	12.6	8.9	13.3	





#25

Isophorone

Concen: 37.984 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

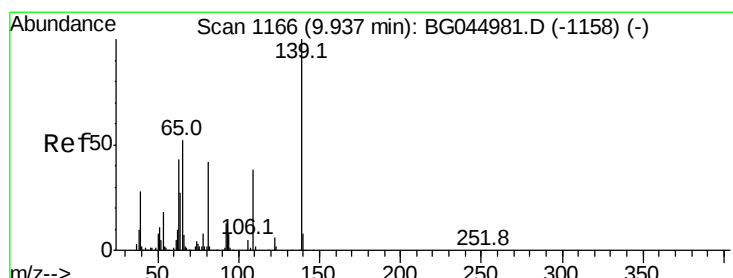
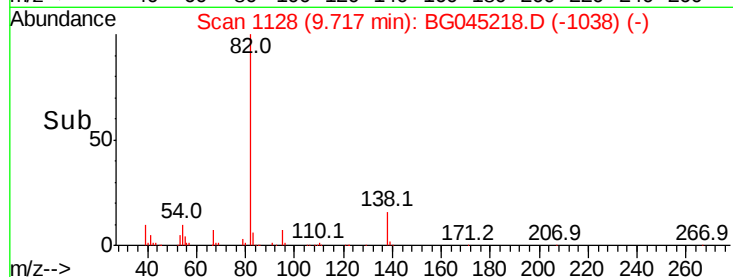
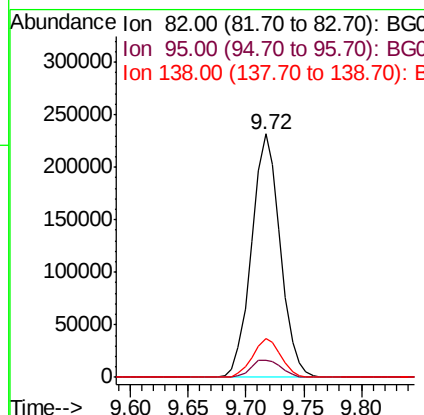
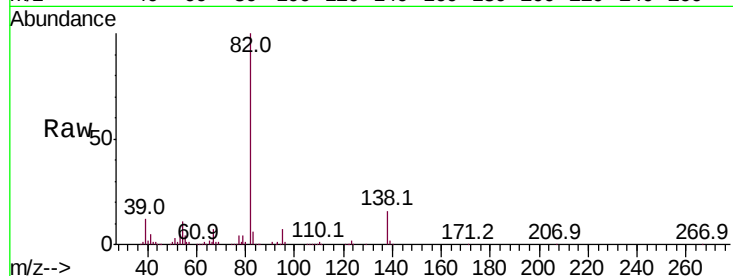
ClientSampleId :

PB128614BS

Tot Ion:	82	Resp:	401004
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.0	9.0
138	15.8	12.7	19.1

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#26

2-Nitrophenol

Concen: 40.881 ng

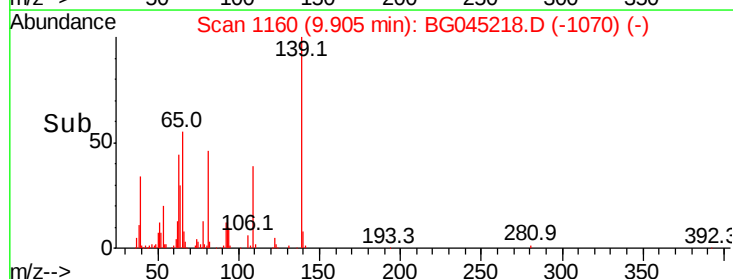
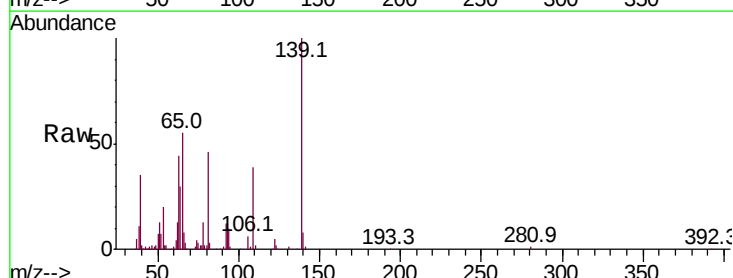
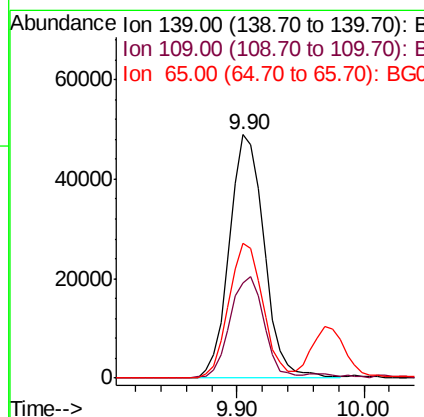
RT: 9.90 min Scan# 1160

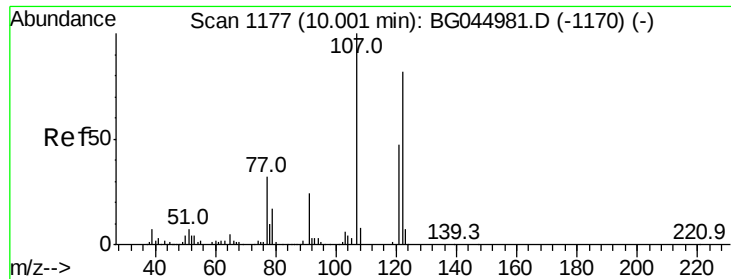
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	139	Resp:	93054
Ion Ratio	Lower	Upper	
139	100		
109	39.1	30.6	45.8
65	55.4	41.8	62.6





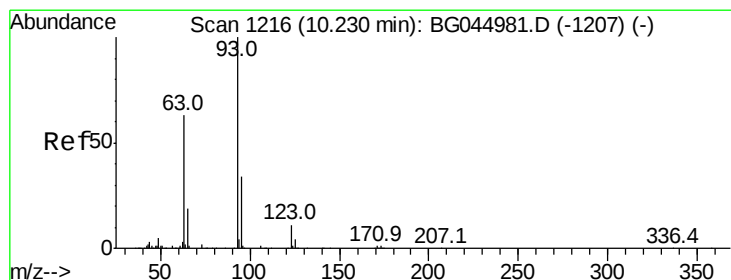
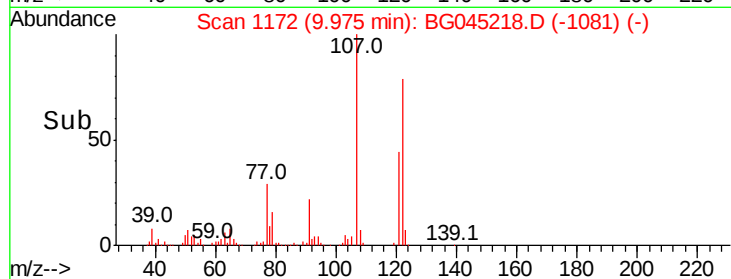
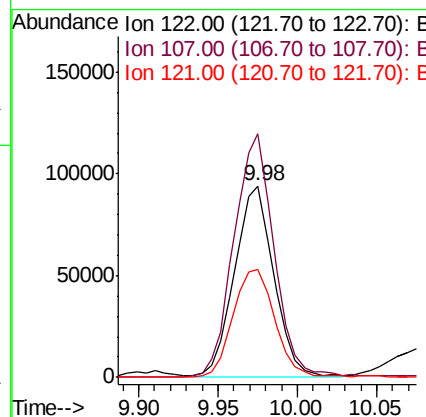
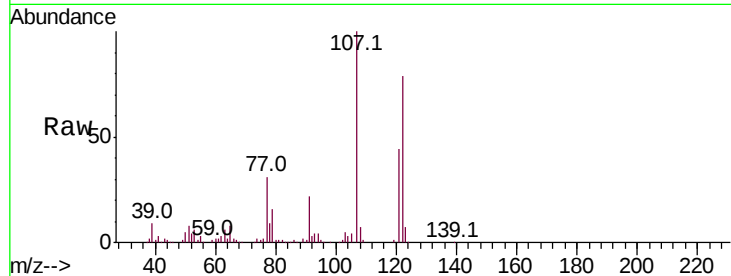
#27
2,4-Dimethylphenol
Concen: 44.578 ng
RT: 9.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161002		
107	127.3	96.8	145.2	
121	56.1	45.6	68.4	

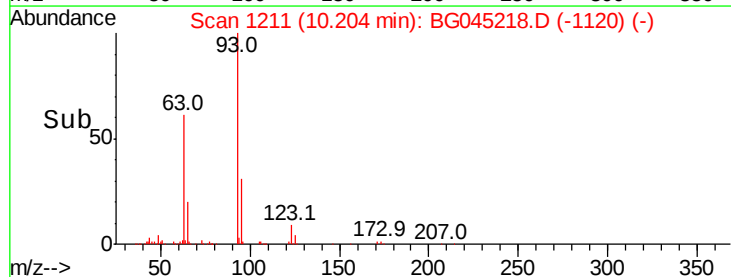
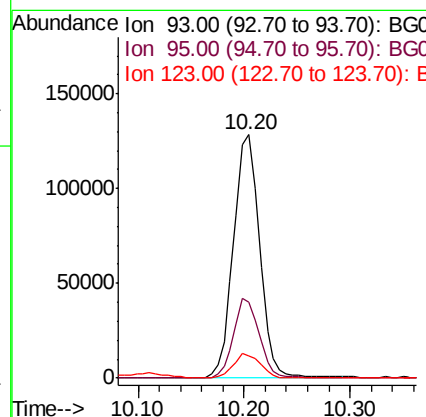
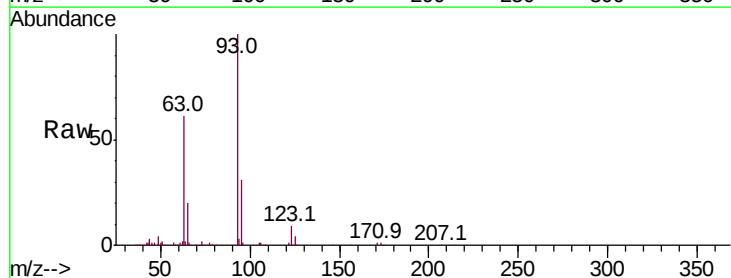
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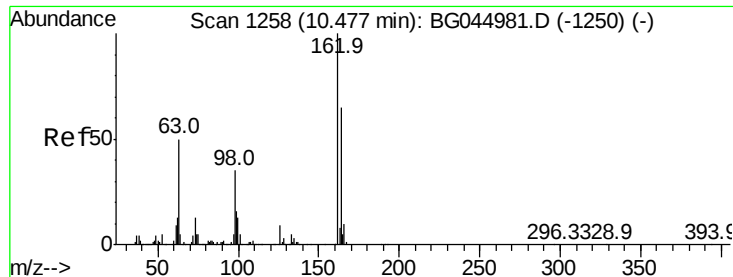
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#28
bis(2-Chloroethoxy)methane
Concen: 39.721 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	220327		
95	31.0	27.0	40.4	
123	9.4	8.7	13.1	





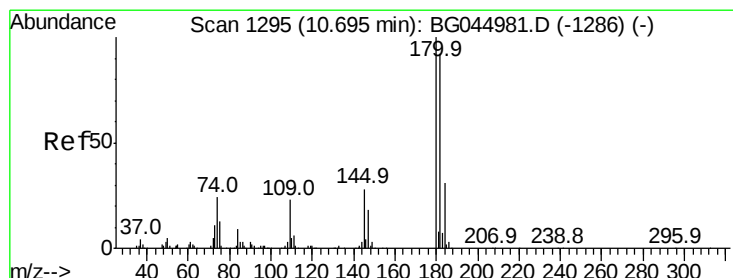
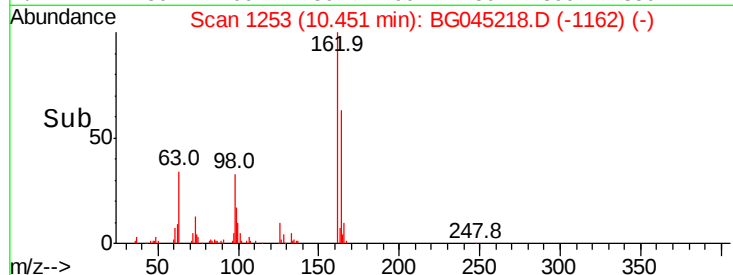
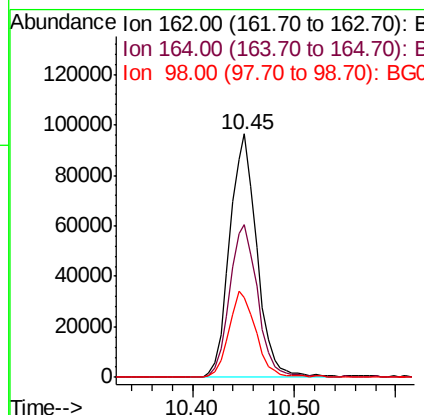
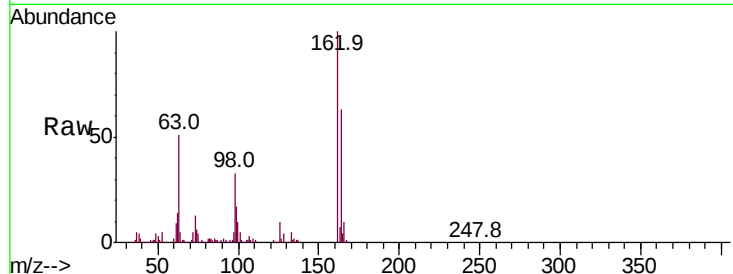
#29
2,4-Dichlorophenol
Concen: 43.041 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	179498		
164	63.0	45.0	85.0	
98	33.0	15.2	55.2	

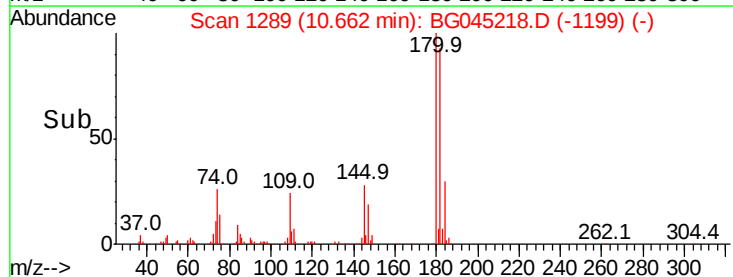
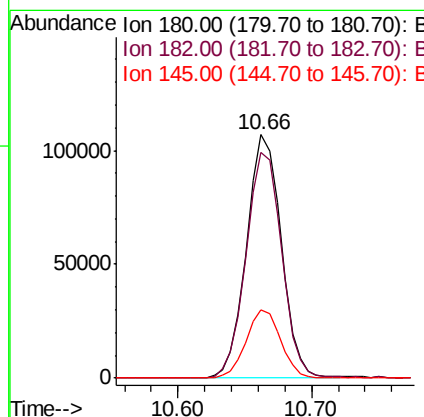
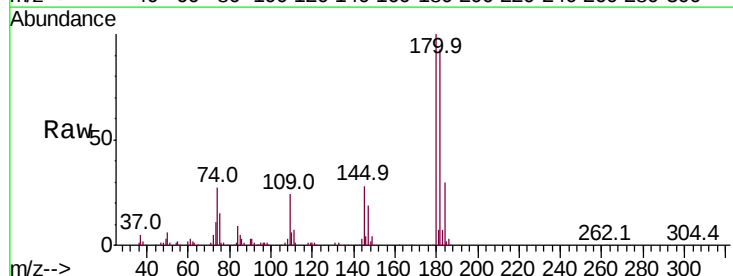
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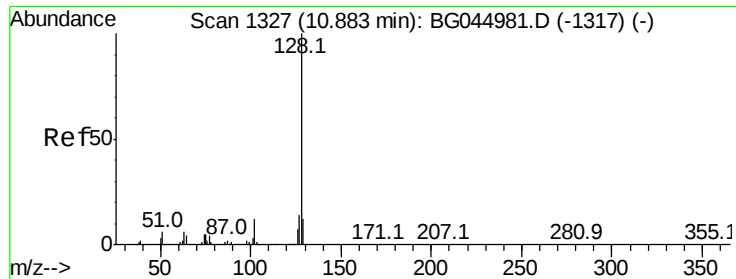
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#30
1,2,4-Trichlorobenzene
Concen: 40.724 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192285		
182	92.7	73.3	109.9	
145	27.9	22.6	33.8	





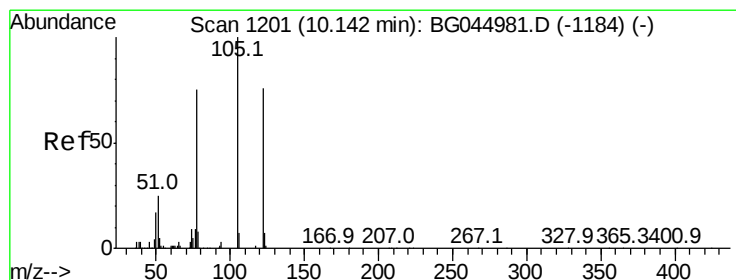
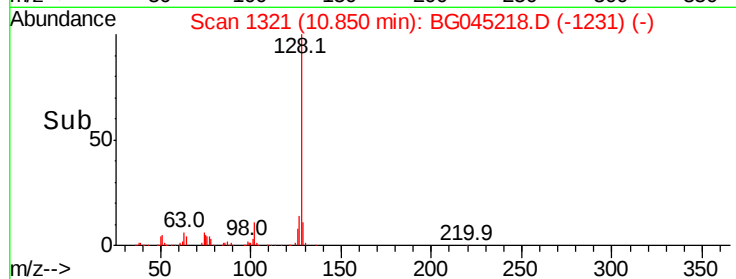
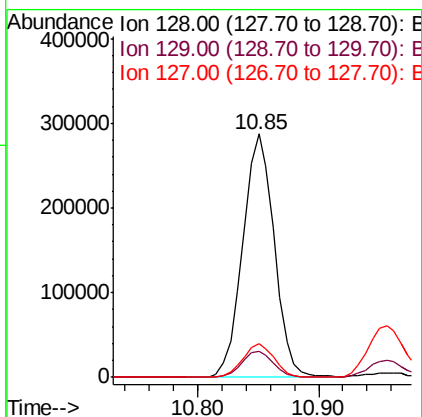
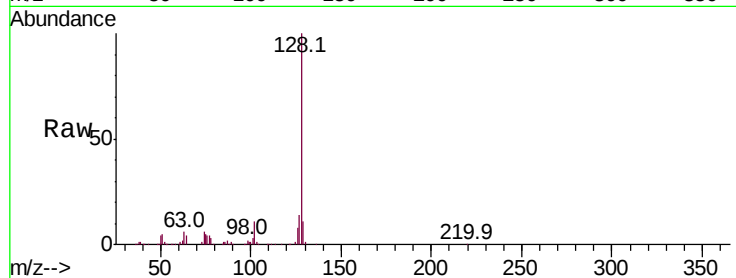
#31
Naphthalene
Concen: 40.616 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	522647		
129	10.8		9.4	14.2
127	13.8		10.8	16.2

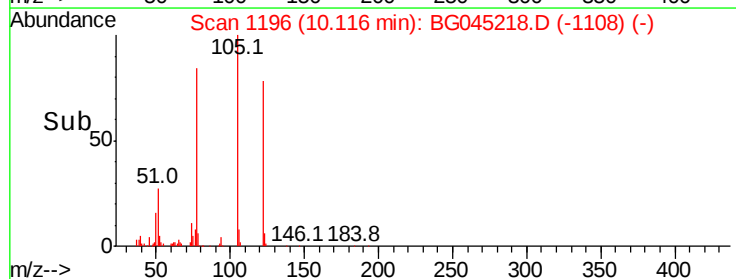
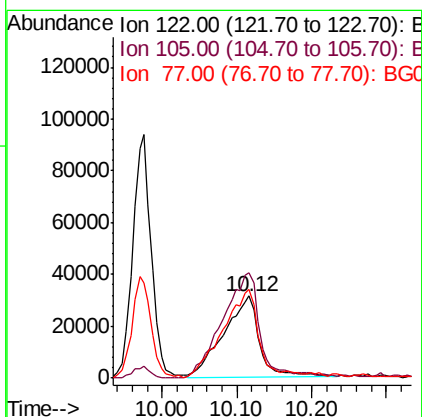
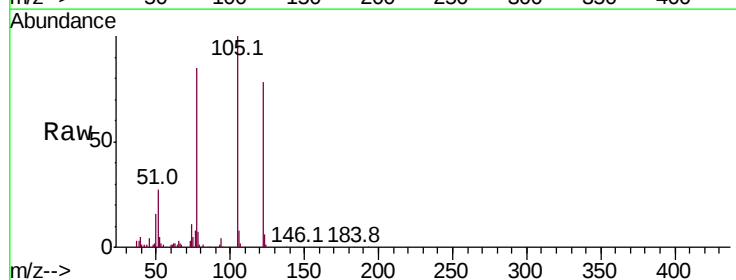
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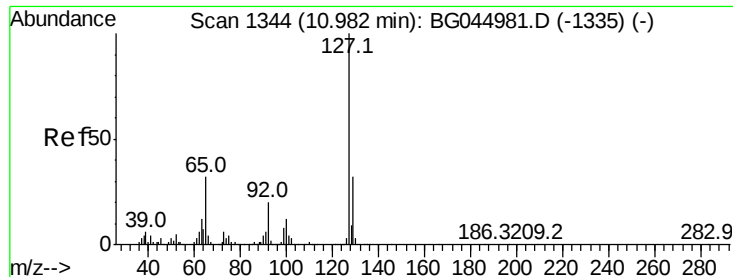
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#32
Benzoic acid
Concen: 36.718 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102090		
105	128.5		108.4	148.4
77	109.1		78.8	118.8





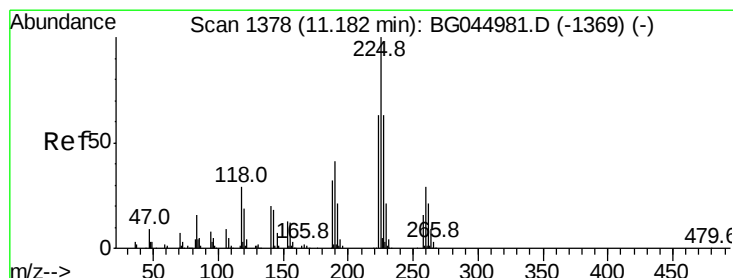
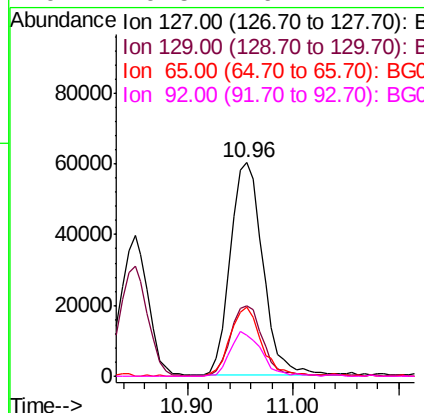
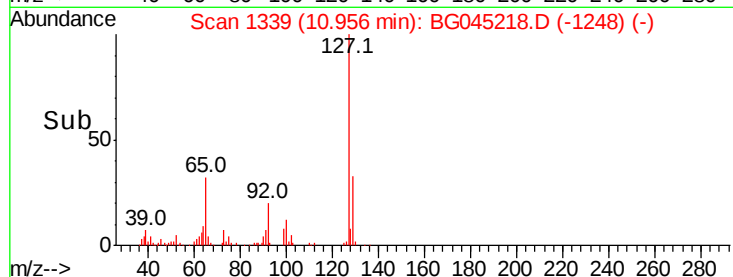
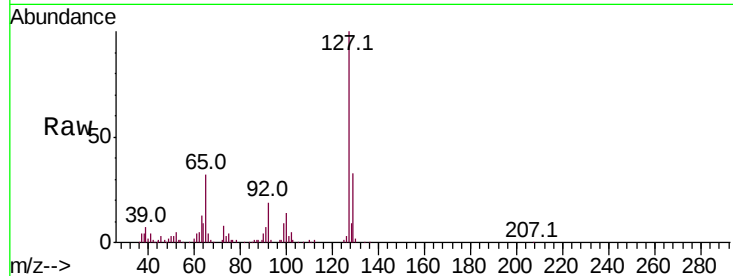
#33
4-Chloroaniline
Concen: 21.503 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	25.7	38.5
65	32.3	25.4	38.2
92	19.5	16.1	24.1

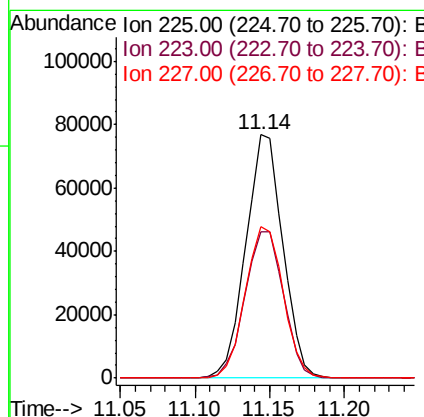
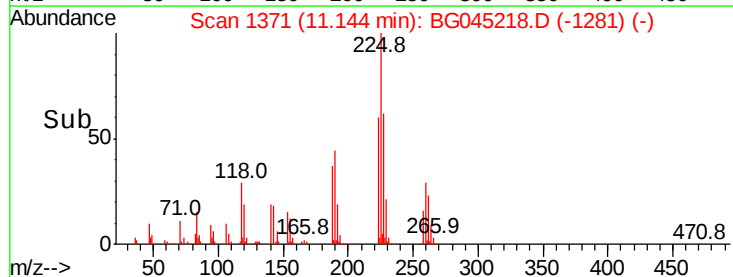
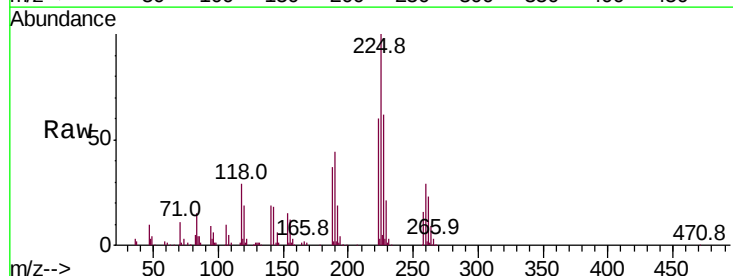
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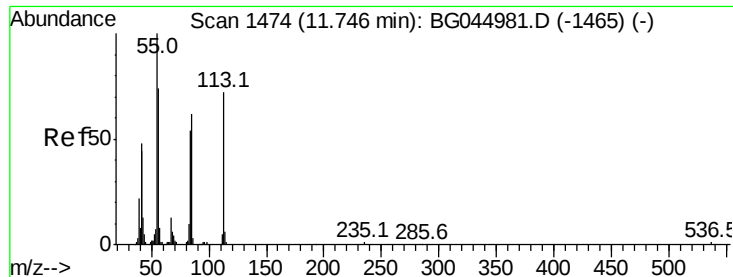
mohammad
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#34
Hexachlorobutadiene
Concen: 40.751 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.1	50.7	76.1
227	62.2	50.2	75.2





#35

Caprolactam

Concen: 39.435 ng/mL

RT: 11.71 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

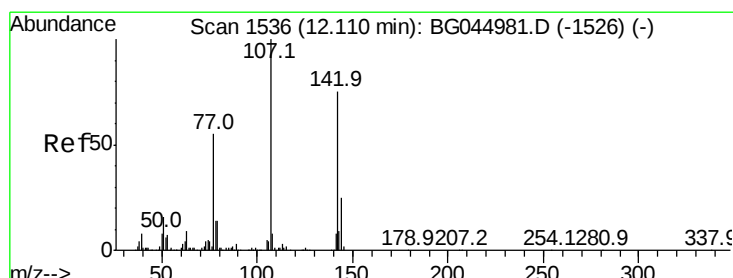
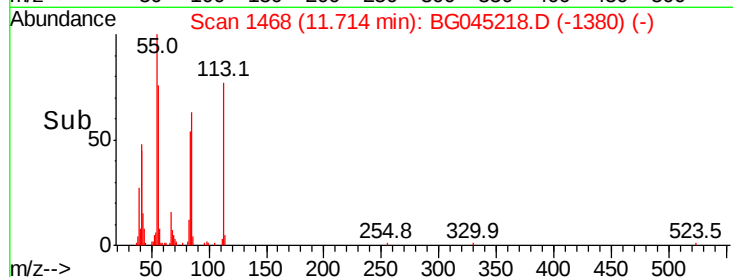
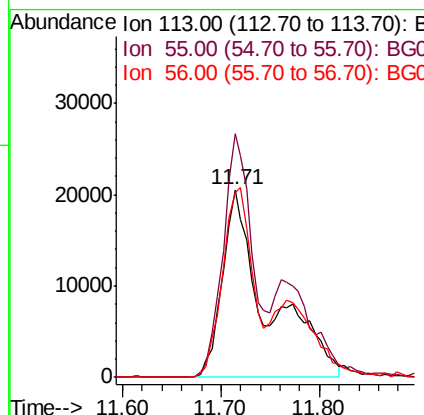
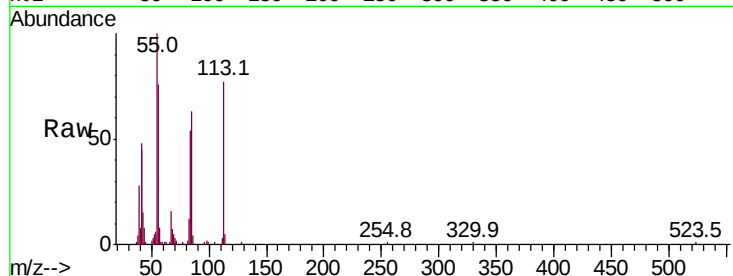
ClientSampleId :

PB128614BS

Tot Ion:	113	Resp:	65453
Ion Ratio	Lower	Upper	
113	100		
55	129.9	118.8	158.8
56	98.6	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 43.328 ng/mL

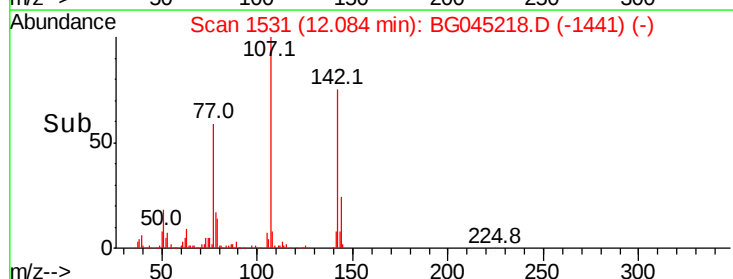
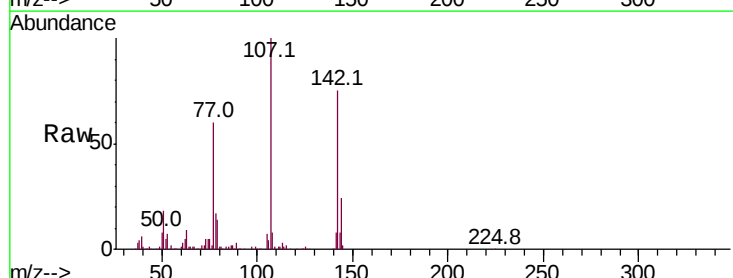
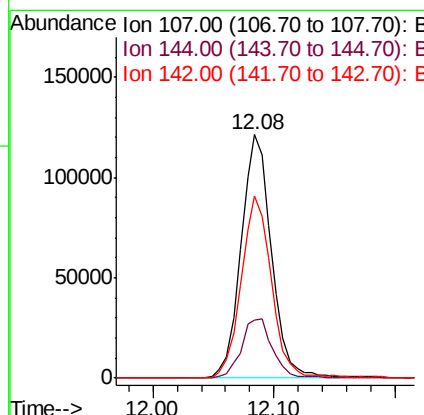
RT: 12.08 min Scan# 1531

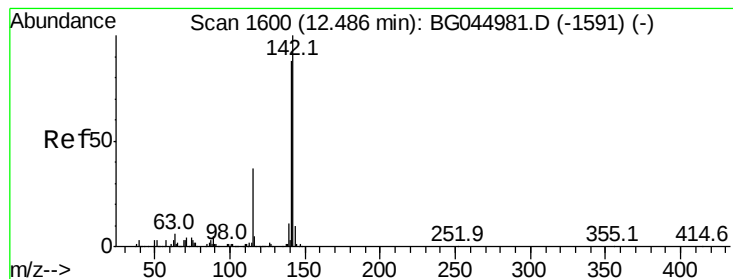
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	107	Resp:	212268
Ion Ratio	Lower	Upper	
107	100		
144	23.9	19.8	29.6
142	74.6	59.7	89.5





#37

2-Methylnaphthalene

Concen: 41.074 ng

RT: 12.46 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

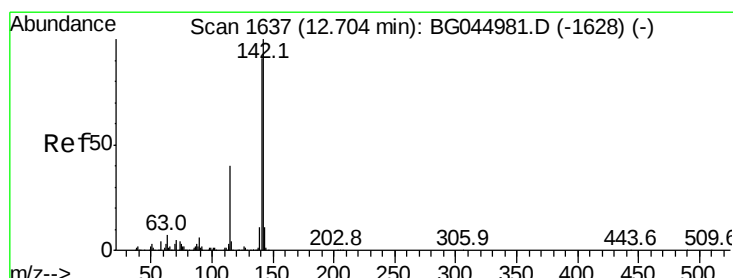
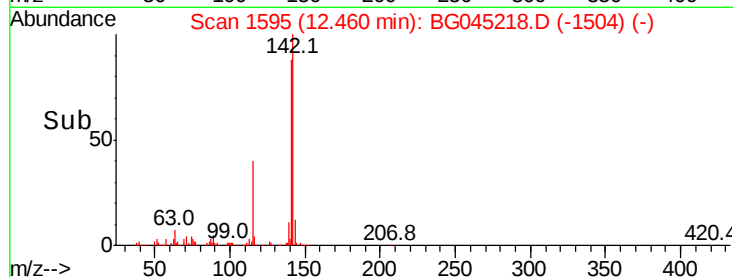
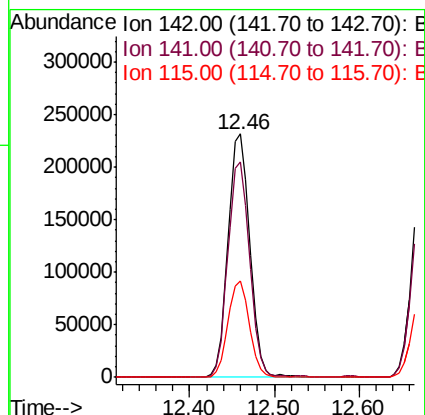
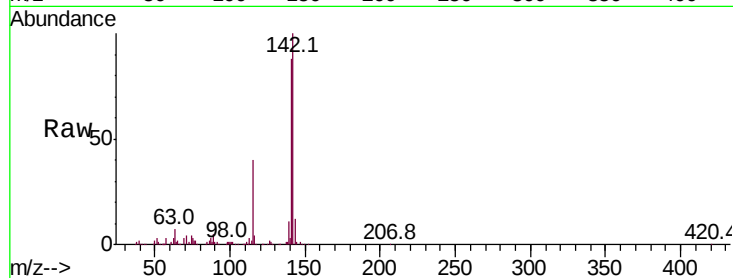
ClientSampleId :

PB128614BS

Tot Ion:	142	Resp:	410247
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.3	105.5
115	39.8	29.8	44.6

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#38

1-Methylnaphthalene

Concen: 40.778 ng

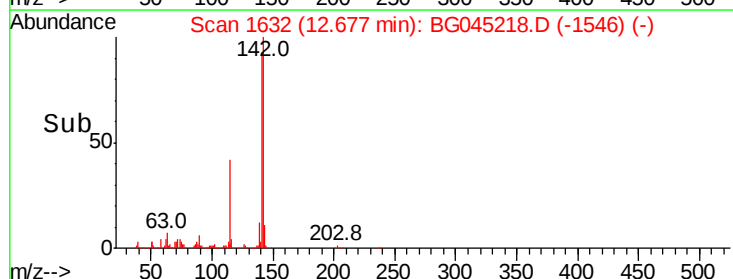
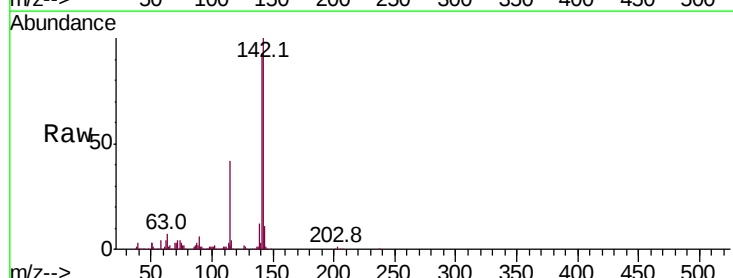
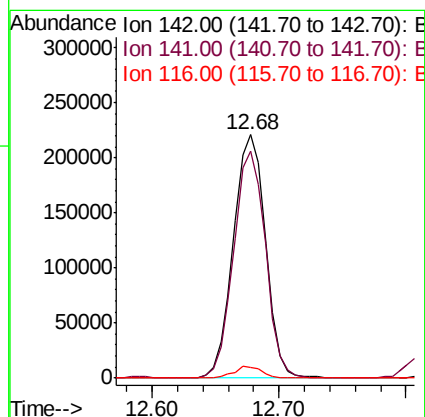
RT: 12.68 min Scan# 1632

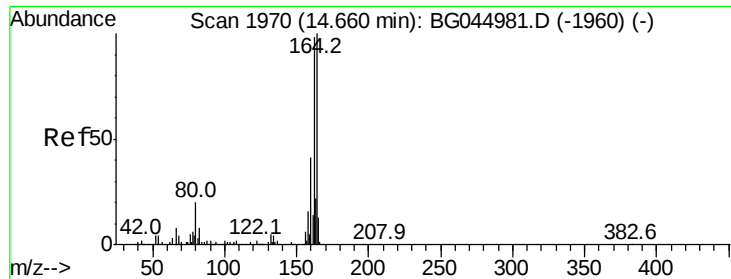
Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	142	Resp:	384495
Ion Ratio	Lower	Upper	
142	100		
141	93.0	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

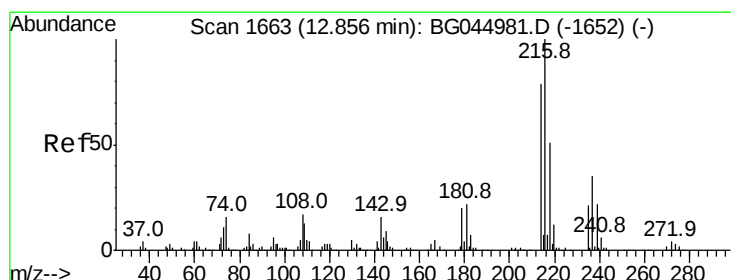
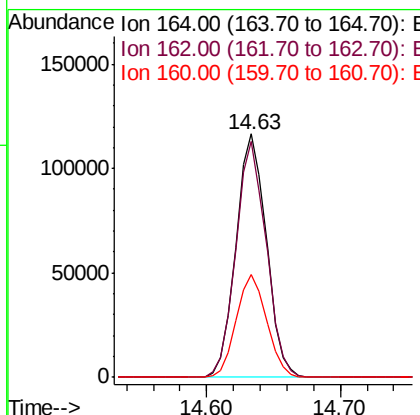
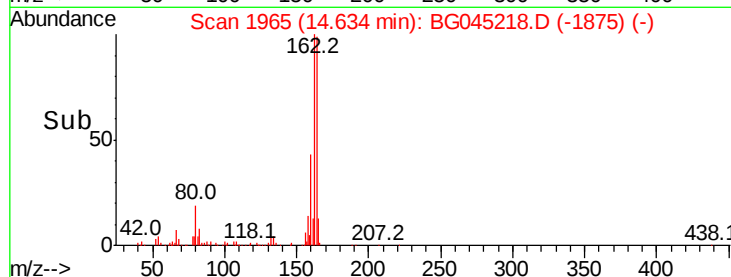
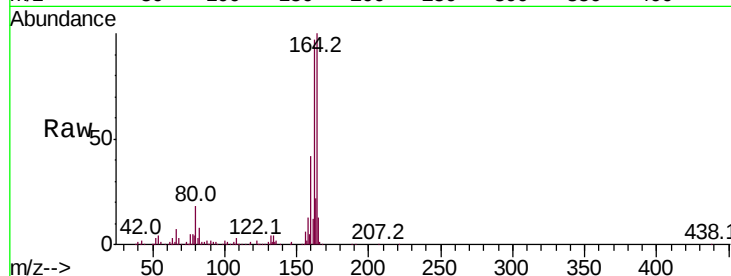
ClientSampleId :

PB128614BS

Tot Ion:	164	Resp:	183545
Ion Ratio	Lower	Upper	
164	100		
162	96.8	78.7	118.1
160	42.0	32.8	49.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.228 ng

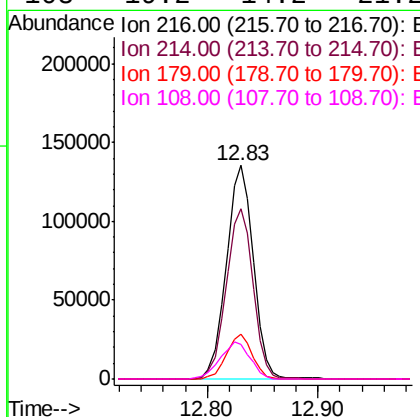
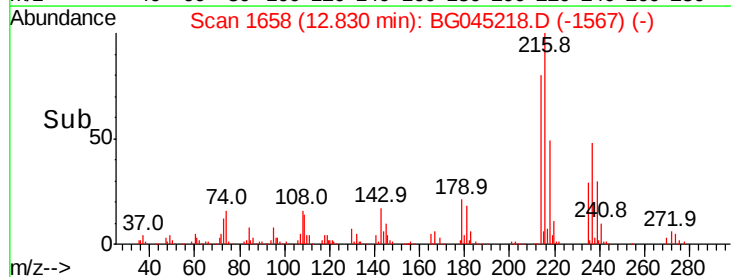
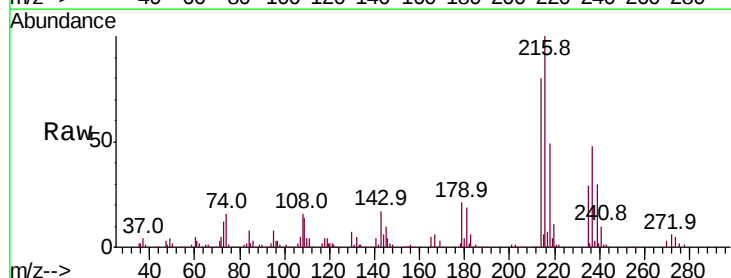
RT: 12.83 min Scan# 1658

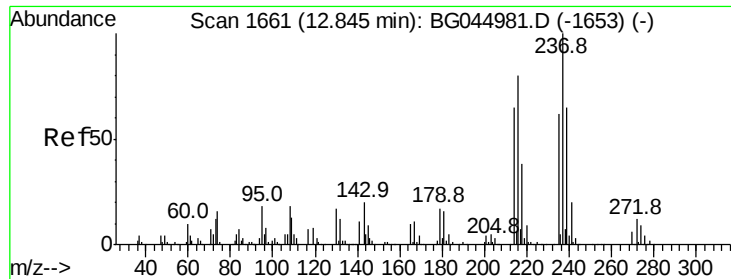
Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	216	Resp:	231822
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.6
179	20.1	15.8	23.8
108	19.2	14.2	21.2





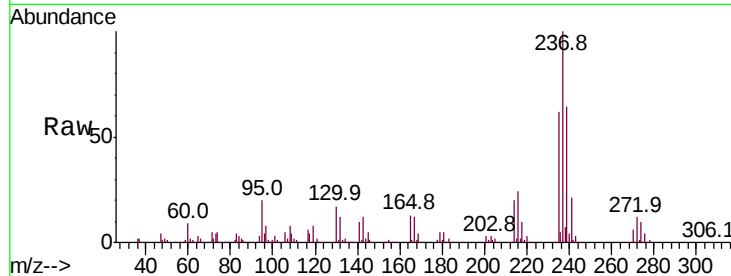
#41
Hexachlorocyclopentadiene
Concen: 84.283 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	41.6	81.6
272	12.4	0.0	32.1

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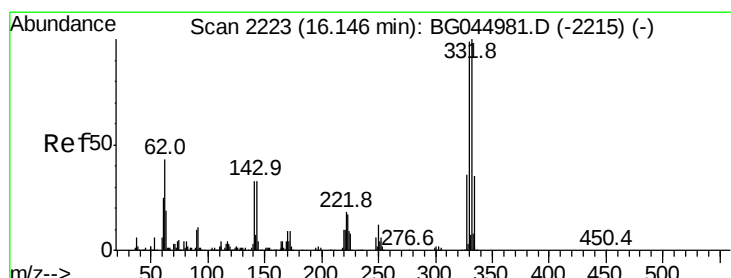
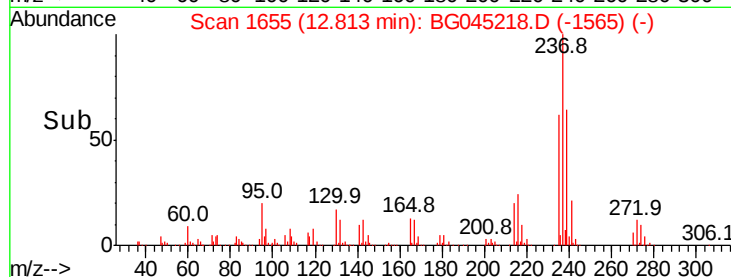
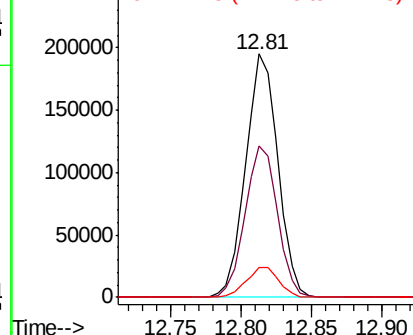


Abundance

Ion 236.80 (236.50 to 237.50): E

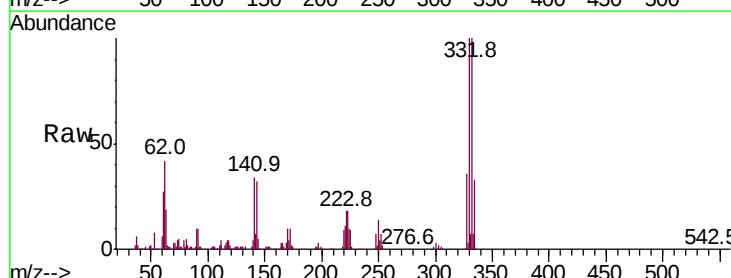
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 120.386 ng
RT: 16.13 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.6	79.1	118.7
141	35.4	27.1	40.7

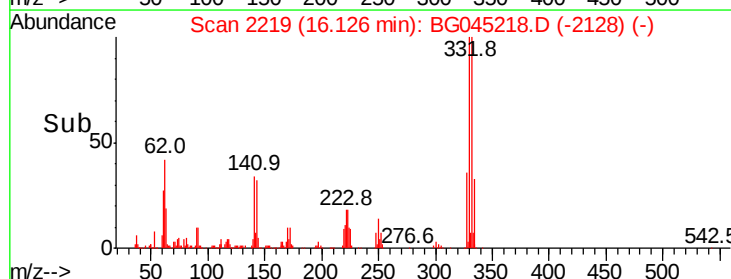
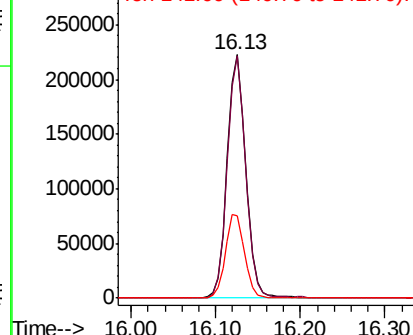


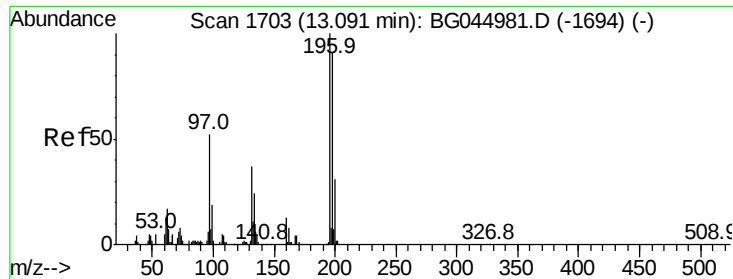
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





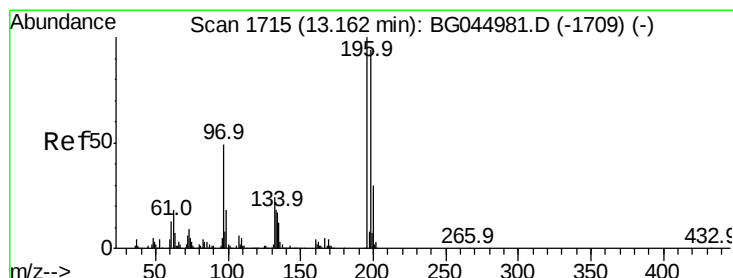
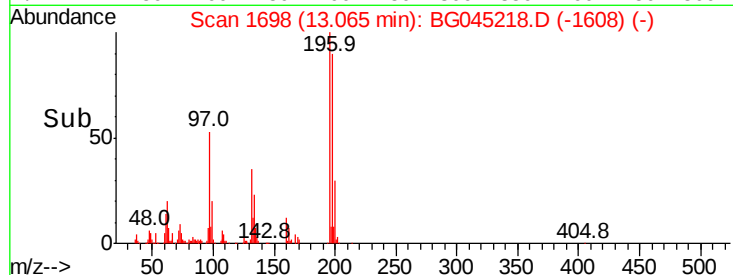
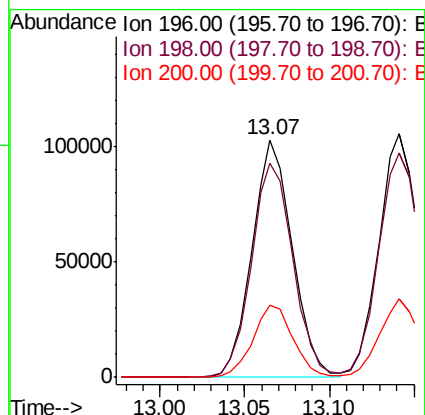
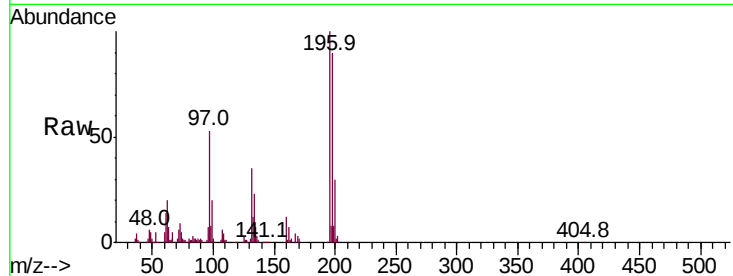
#43
2,4,6-Trichlorophenol
Concen: 40.679 ng
RT: 13.07 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169664		
198	89.9	72.5	108.7	
200	30.4	24.5	36.7	

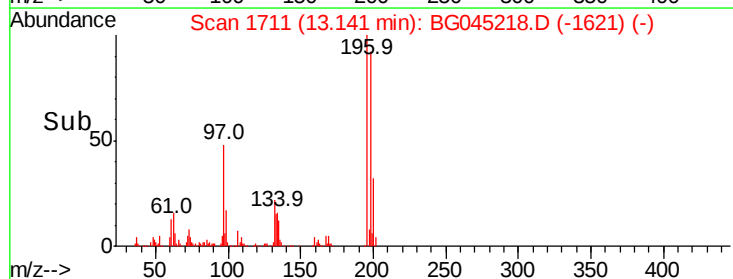
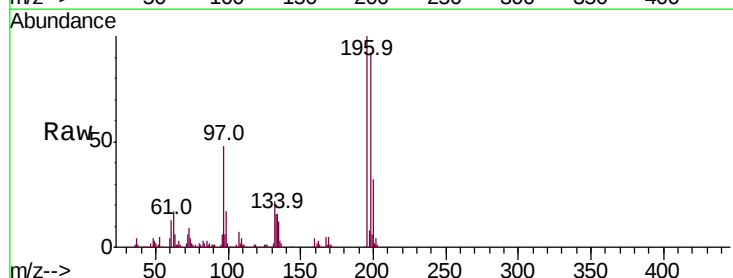
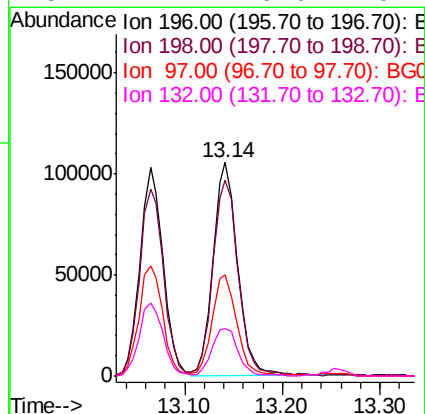
Manual Integrations
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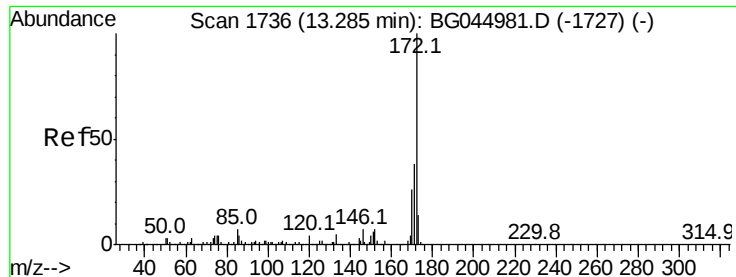
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 38.669 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	183581		
198	92.0	75.7	113.5	
97	47.6	39.6	59.4	
132	22.1	19.6	29.4	





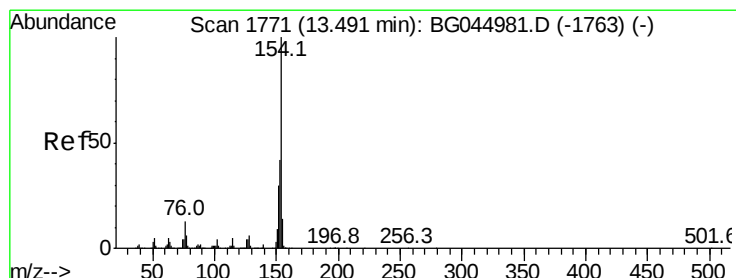
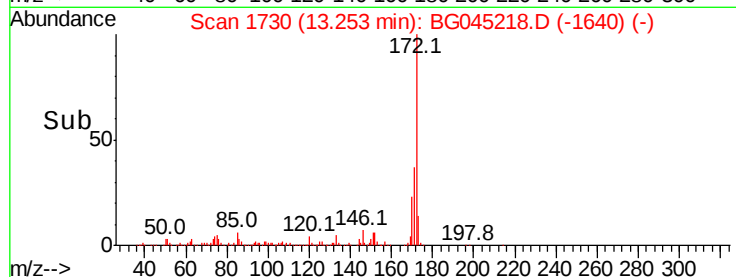
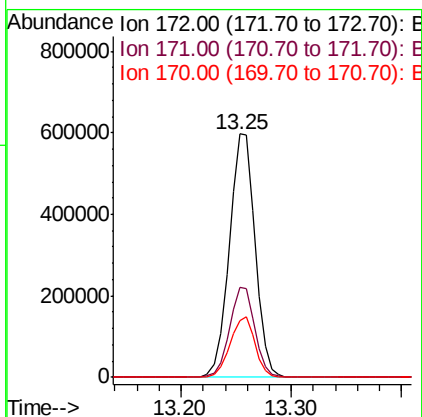
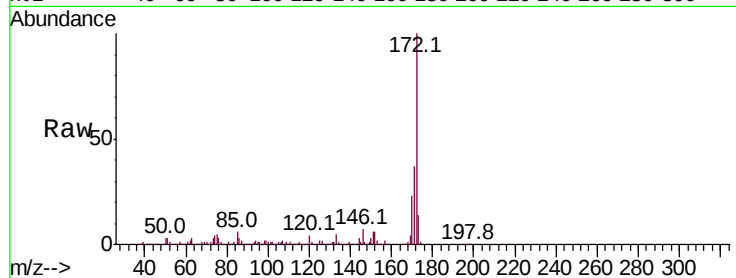
#45
2-Fluorobiphenyl
Concen: 78.215 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	30.6	46.0	
170	23.4	20.5	30.7	

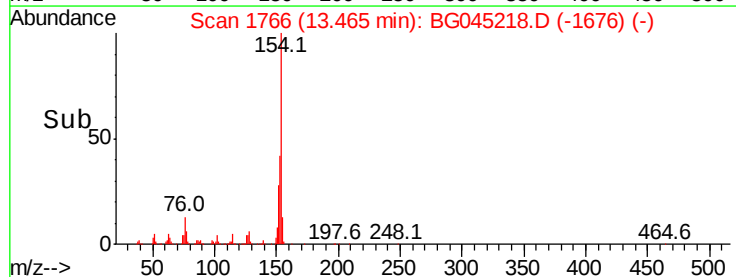
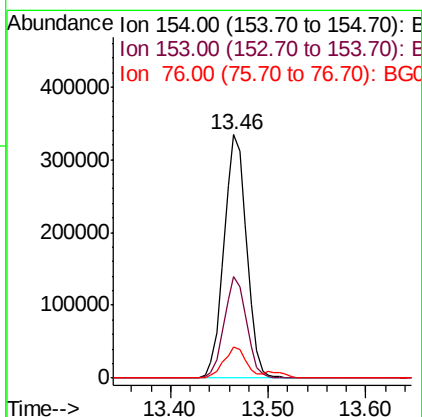
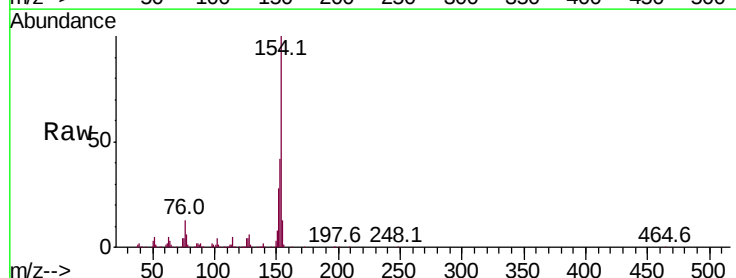
Manual Integrations
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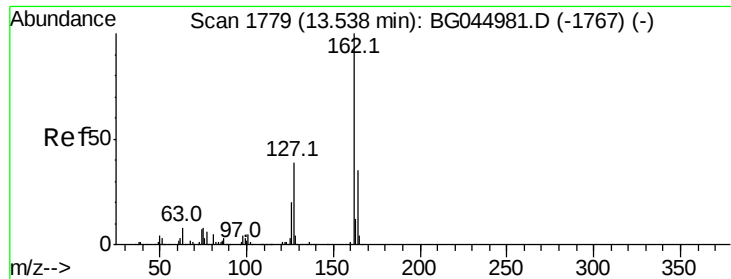
mohammad
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#46
1,1'-Biphenyl
Concen: 38.549 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.7	21.9	61.9	
76	12.9	0.0	33.1	





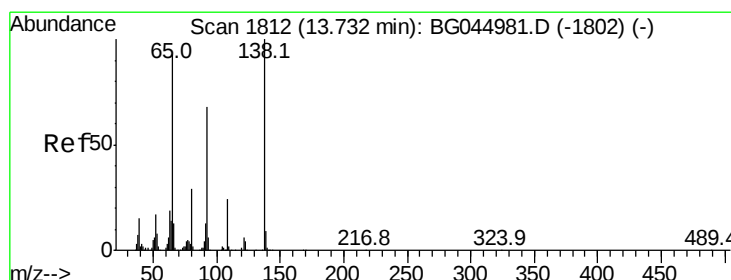
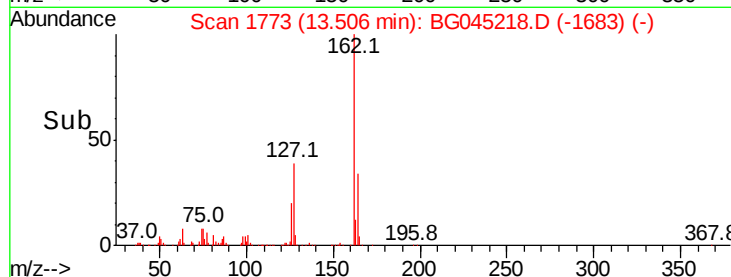
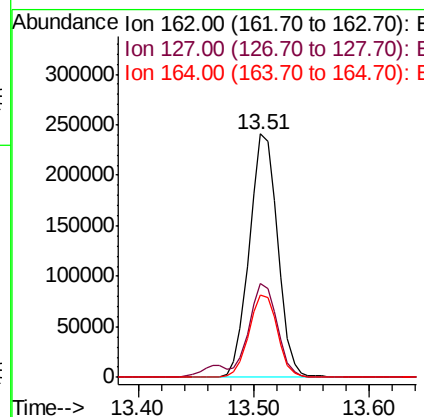
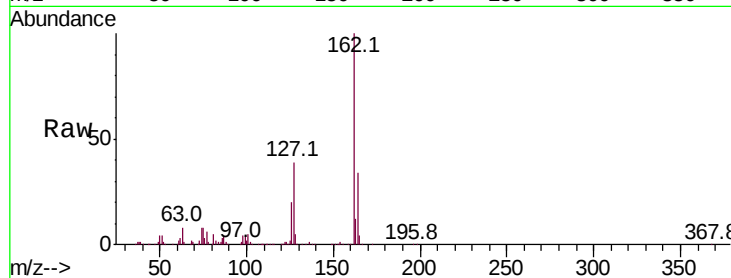
#47
2-Chloronaphthalene
Concen: 38.677 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	412291		
127	38.6		31.3	46.9
164	34.0		27.8	41.8

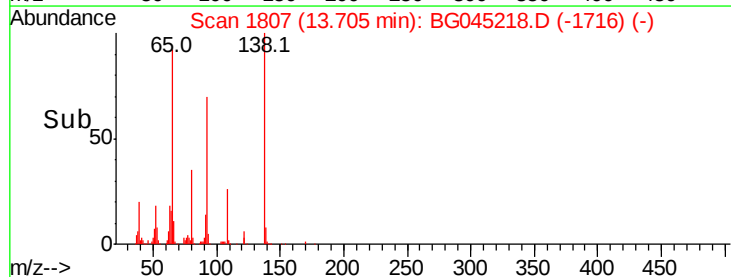
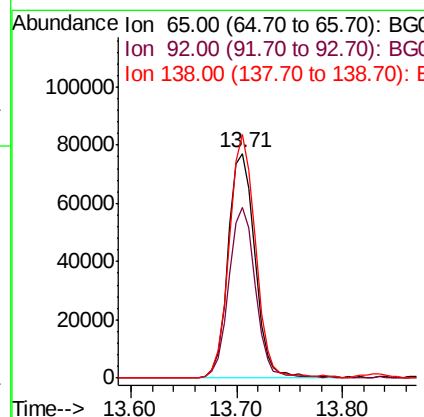
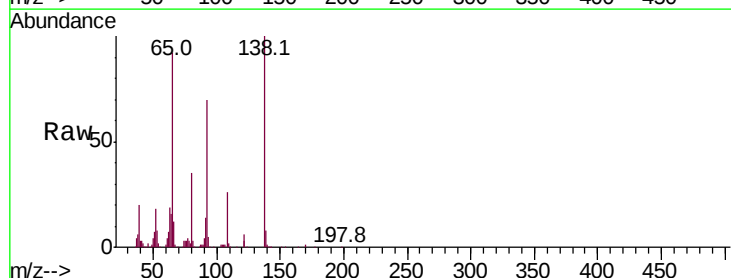
Manual Integrations
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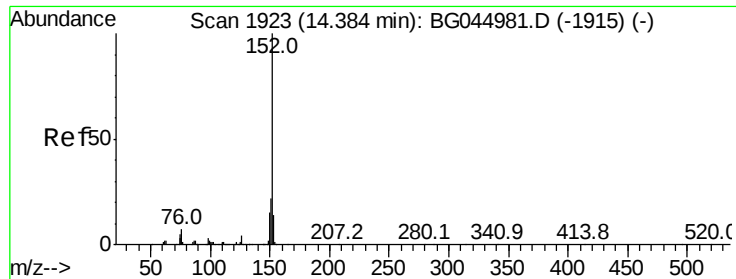
mohammad
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#48
2-Nitroaniline
Concen: 38.774 ng
RT: 13.71 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135990		
92	75.8		58.3	87.5
138	108.4		85.6	128.4





#49

Acenaphthylene

Concen: 40.226 ng

RT: 14.36 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

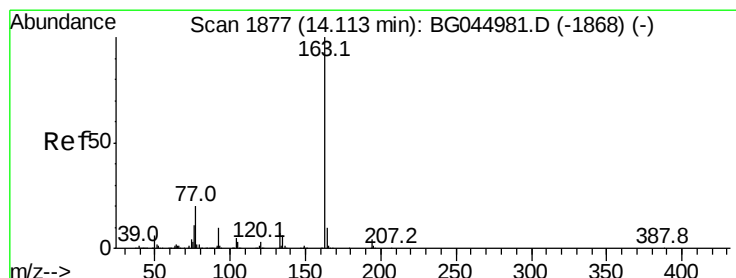
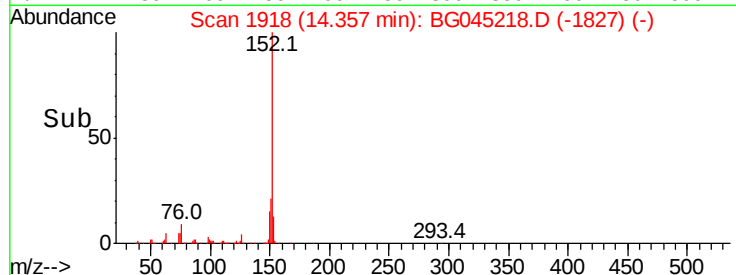
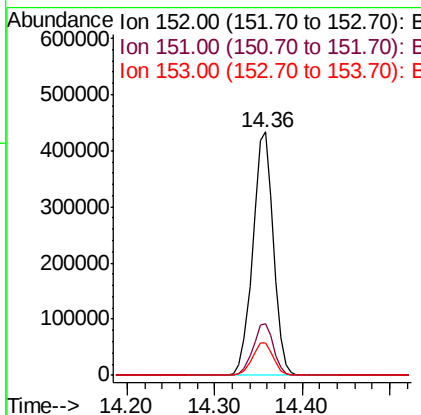
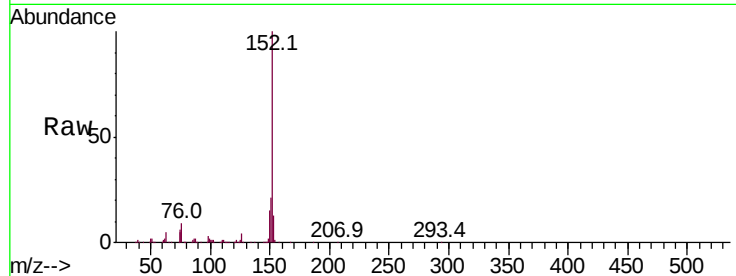
ClientSampleId :

PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	698451		
151	21.0		17.2	25.8
153	13.3		11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.891 ng

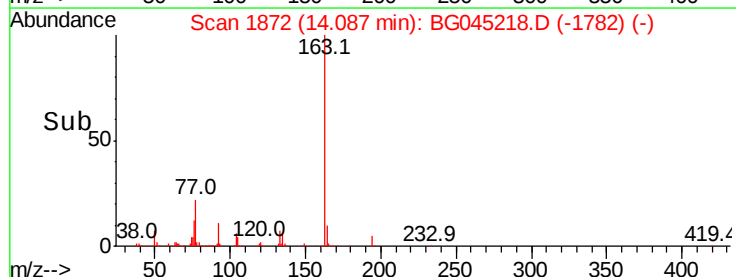
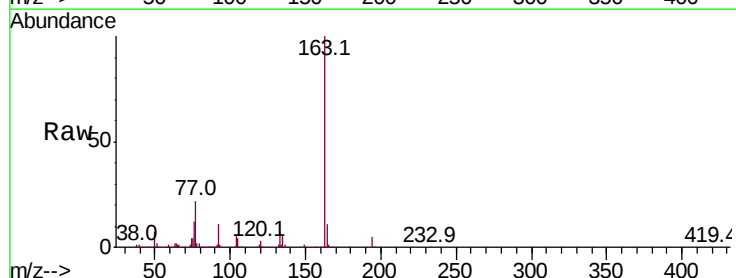
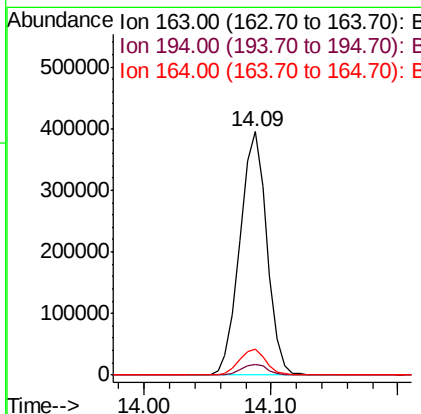
RT: 14.09 min Scan# 1872

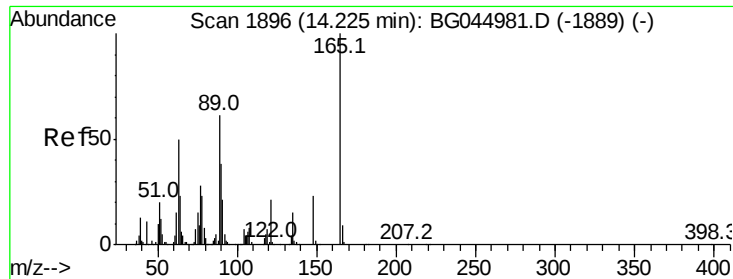
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	581232		
194	4.6		3.5	5.3
164	10.6		8.2	12.4





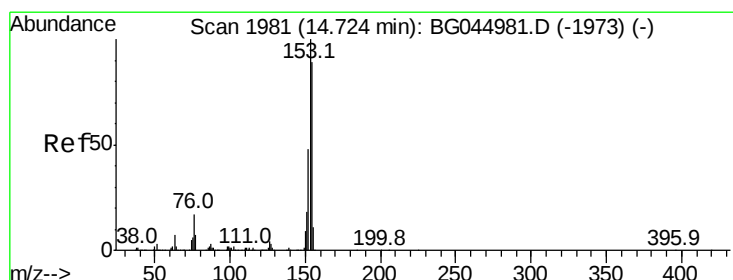
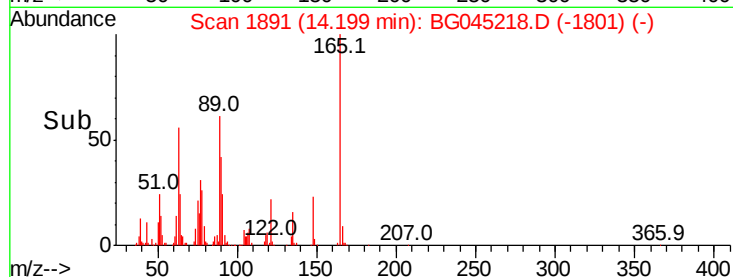
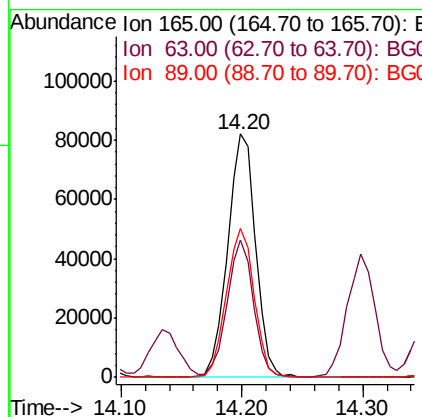
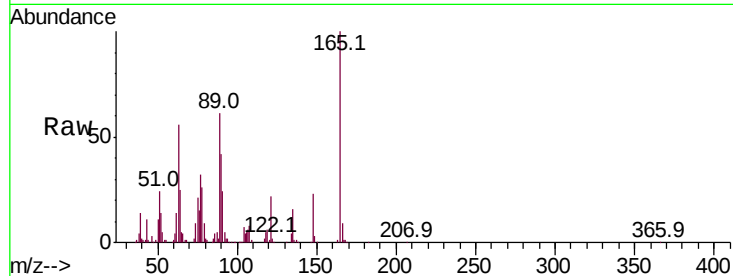
#51
 2,6-Dinitrotoluene
 Concen: 39.412 ng
 RT: 14.20 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	131745		
63	56.5	40.4	60.6	
89	60.9	49.1	73.7	

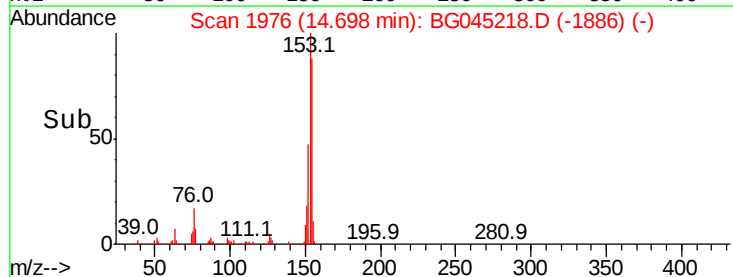
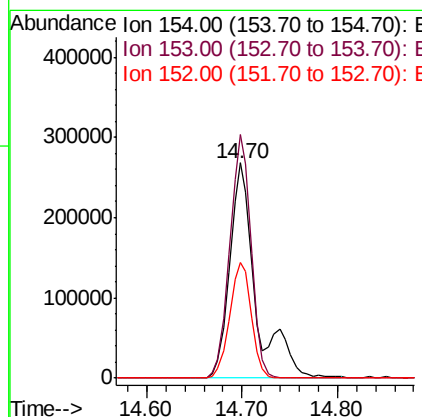
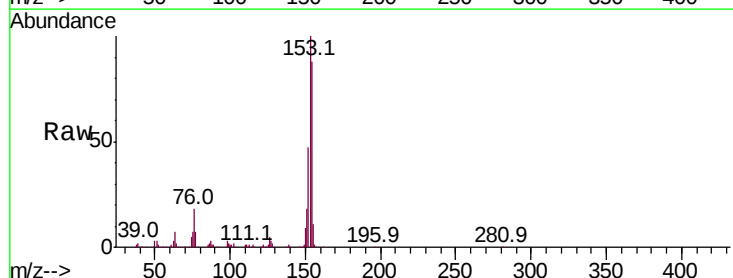
Manual Integrations
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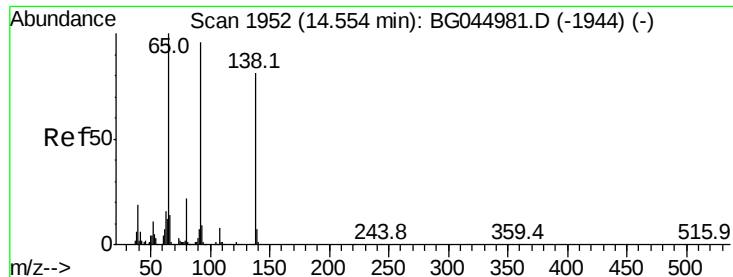
mohammad
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#52
 Acenaphthene
 Concen: 43.657 ng m
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	512872		
153	113.3	89.7	134.5	
152	53.7	43.1	64.7	





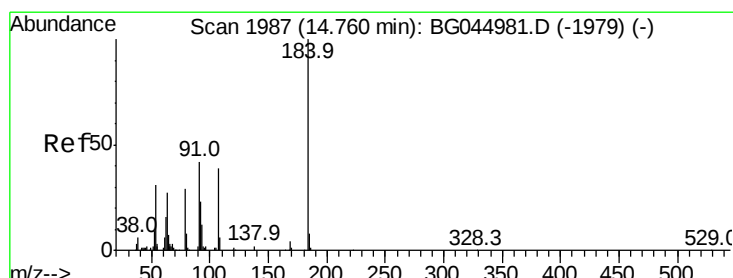
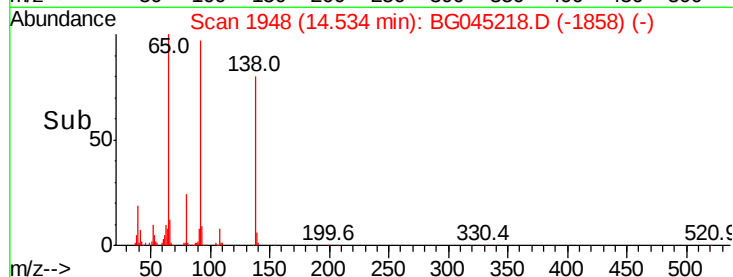
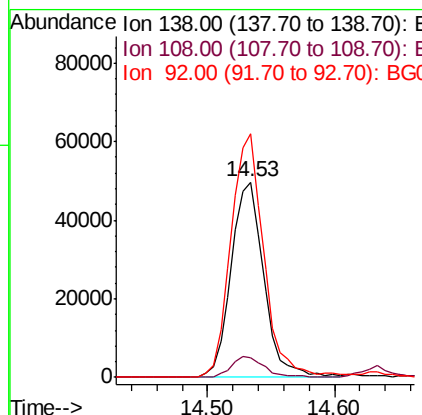
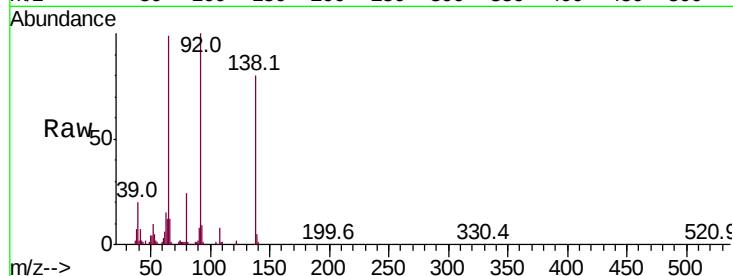
#53
3-Nitroaniline
Concen: 24.168 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.8
92	124.6	94.5	141.7

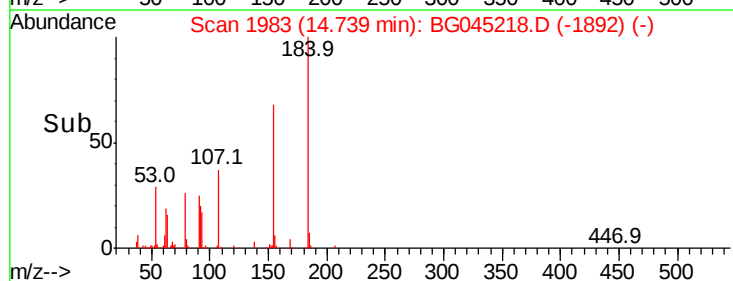
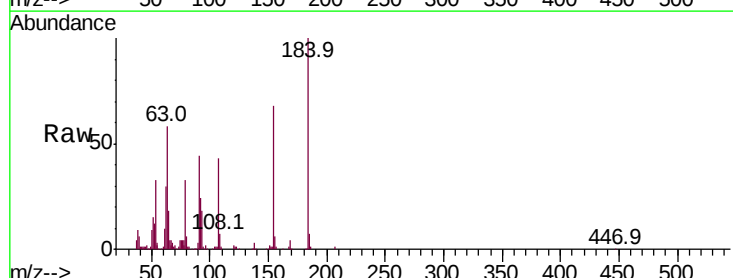
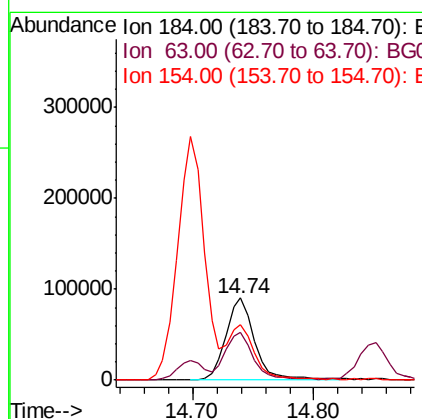
Manual Integrations
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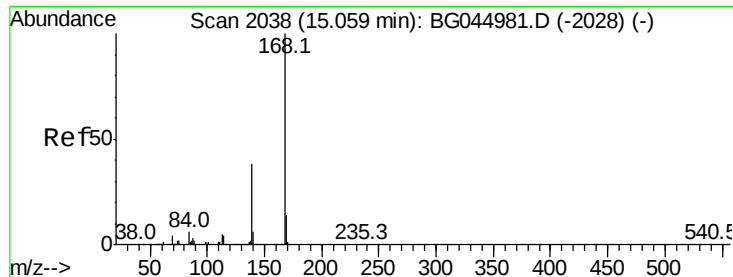
mohammad
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#54
2,4-Dinitrophenol
Concen: 75.695 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	41.5	62.3
154	67.5	52.3	78.5





#55

Dibenzenofuran

Concen: 39.960 ng

RT: 15.03 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

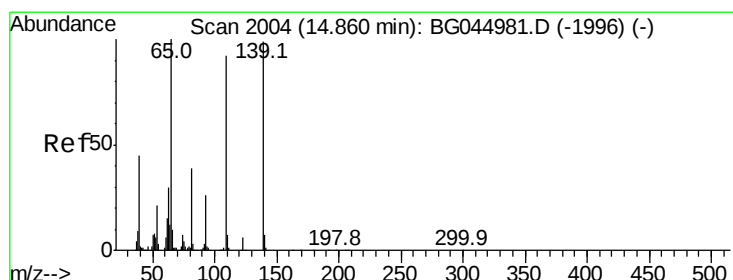
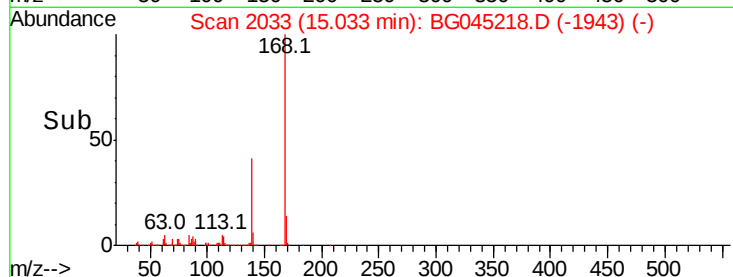
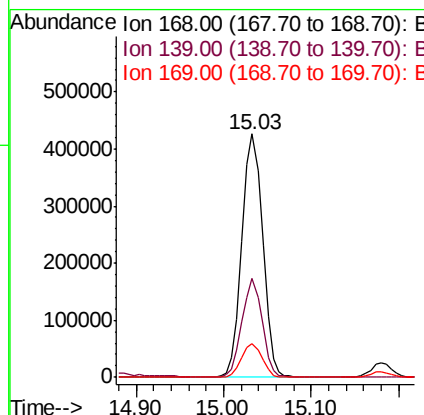
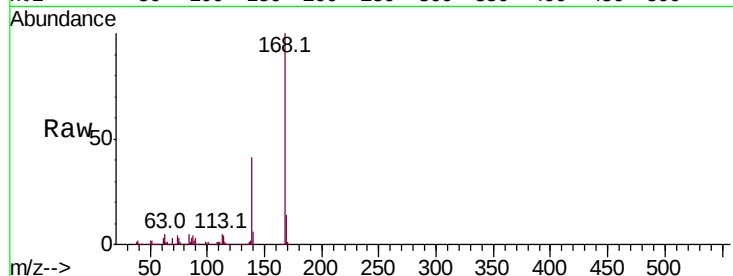
ClientSampleId :

PB128614BS

Tot Ion:168	Resp:	684409
Ion Ratio	Lower	Upper
168 100		
139 40.8	30.4	45.6
169 14.1	11.0	16.4

Manual Integrations
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#56

4-Nitrophenol

Concen: 76.622 ng

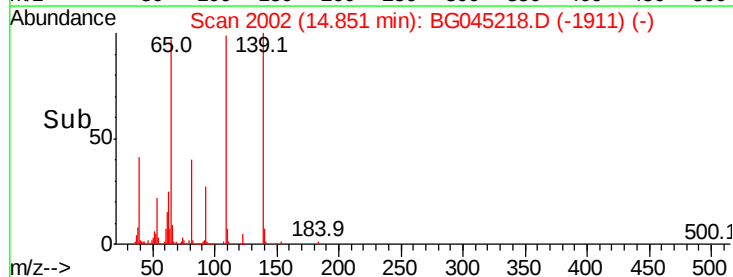
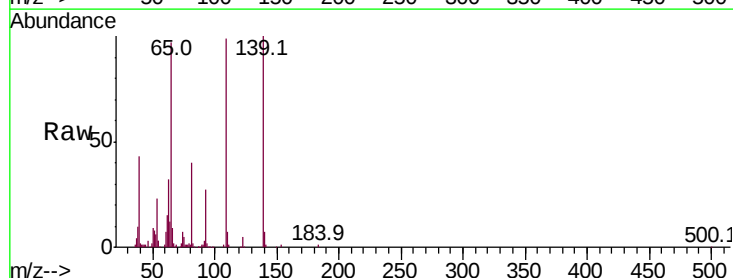
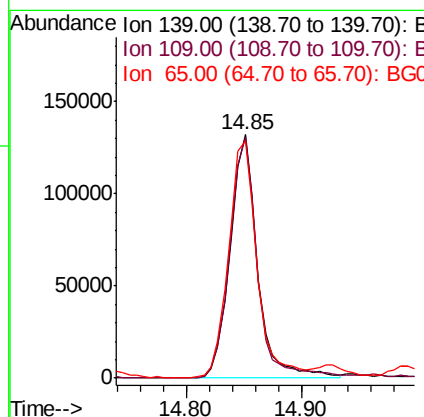
RT: 14.85 min Scan# 2002

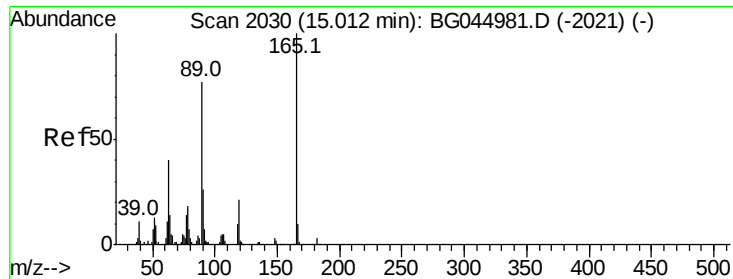
Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:139	Resp:	217811
Ion Ratio	Lower	Upper
139 100		
109 99.1	73.6	113.6
65 97.4	81.2	121.2





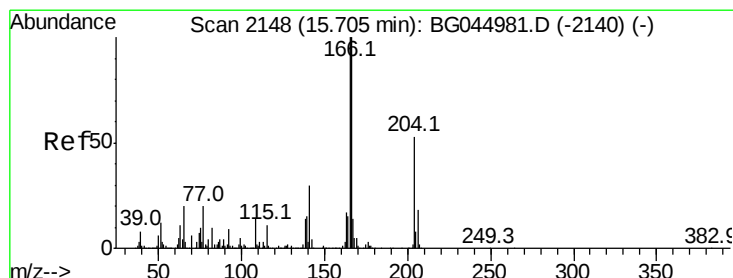
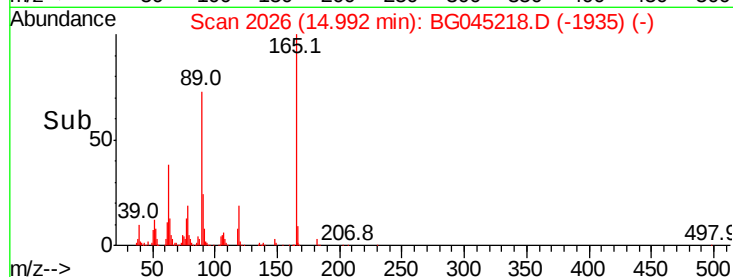
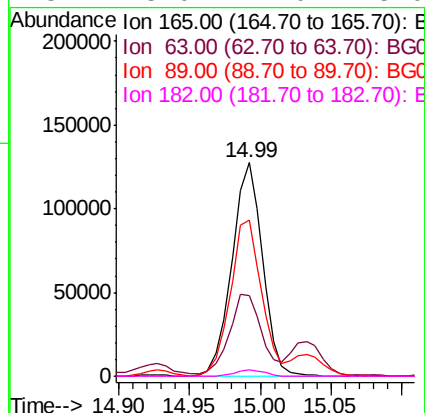
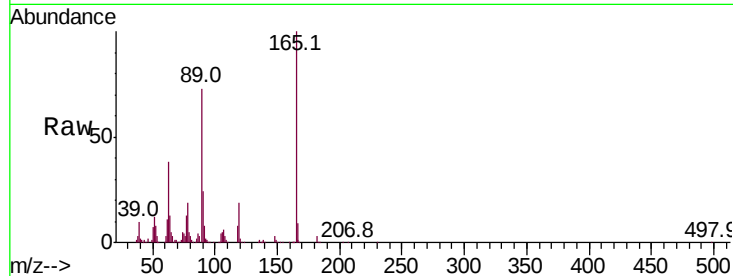
#57
 2,4-Dinitrotoluene
 Concen: 39.255 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BS

Tot Ion:	165	Resp:	191766
Ion Ratio	Lower	Upper	
165	100		
63	37.7	32.2	48.2
89	73.3	61.7	92.5
182	3.0	2.0	3.0

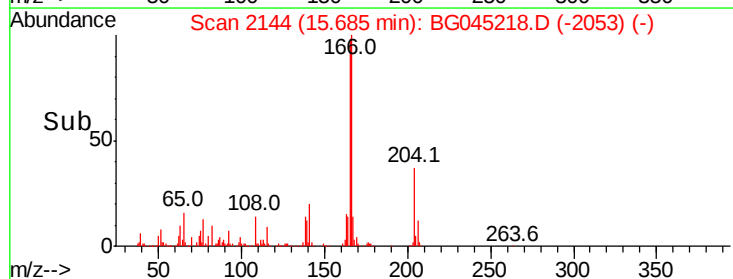
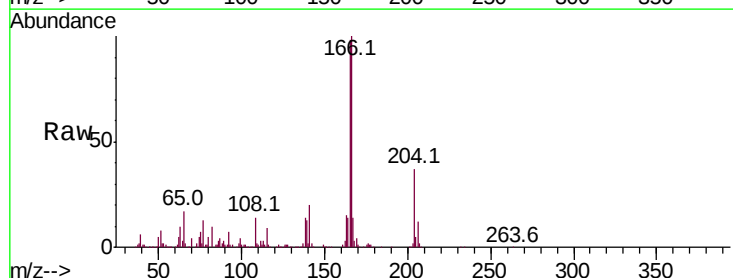
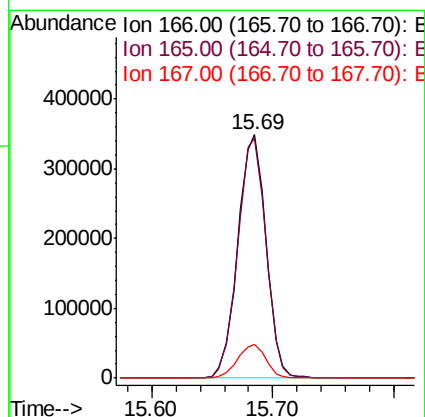
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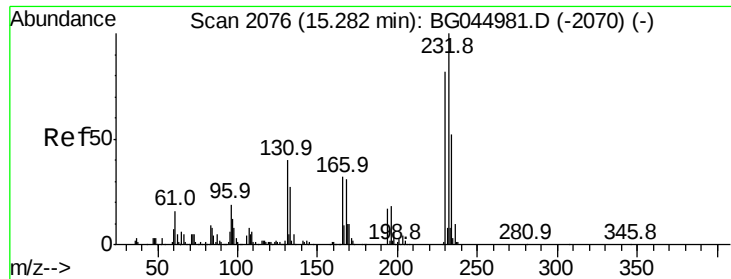
mohammad
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#58
 Fluorene
 Concen: 40.752 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Tgt Ion:	166	Resp:	570116
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.9	119.9
167	13.8	11.4	17.0





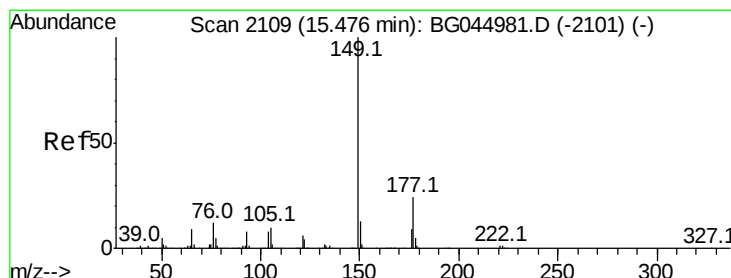
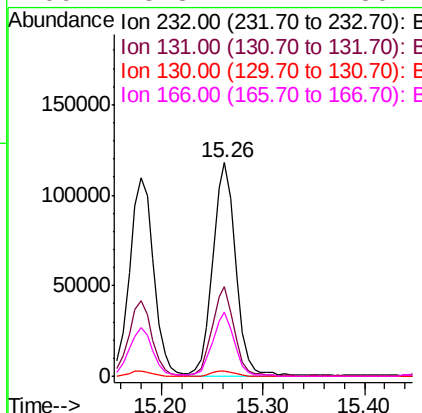
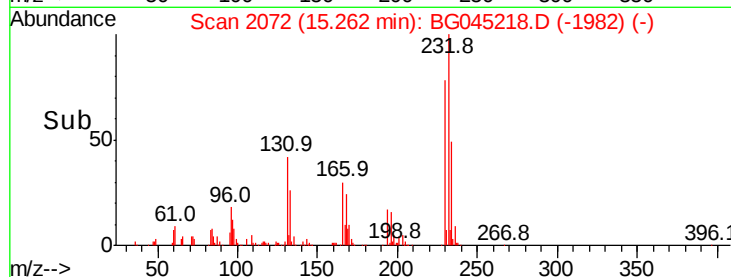
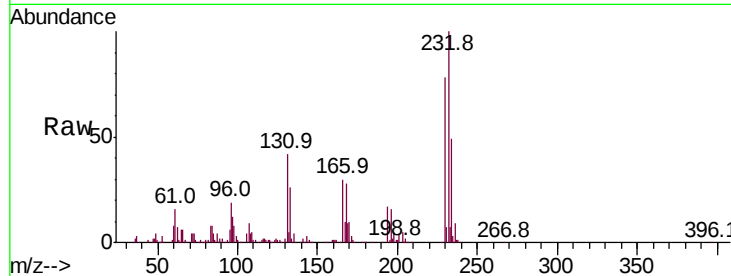
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.699 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	184596		
131	40.2		32.2	48.2
130	2.6		2.2	3.2
166	28.3		24.2	36.4

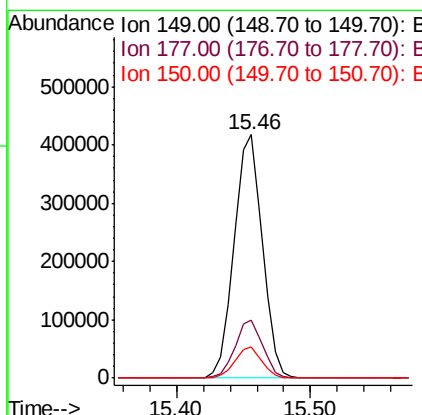
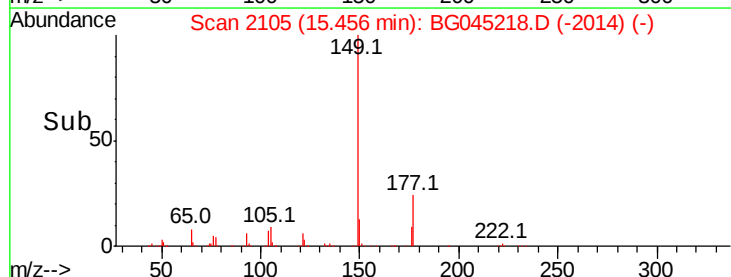
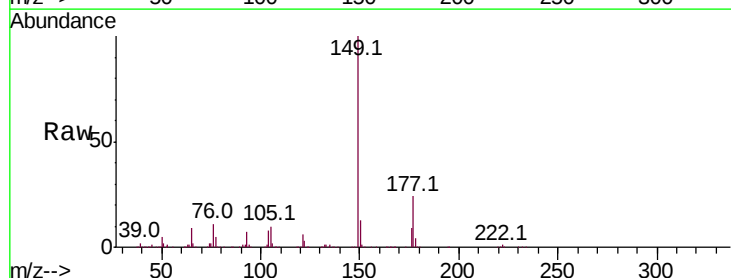
Manual Integrations
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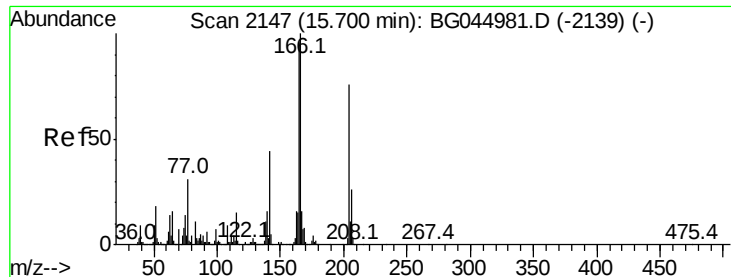
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#60
 Diethylphthalate
 Concen: 39.383 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	613655		
177	23.8		18.9	28.3
150	12.7		10.6	15.8





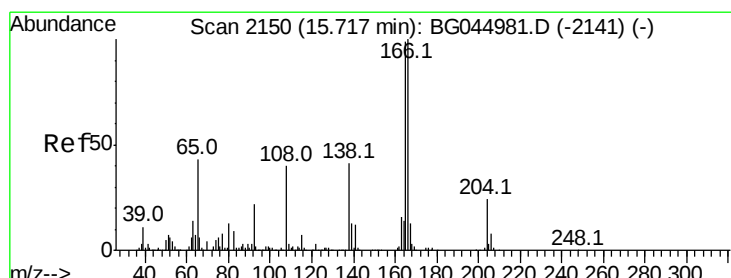
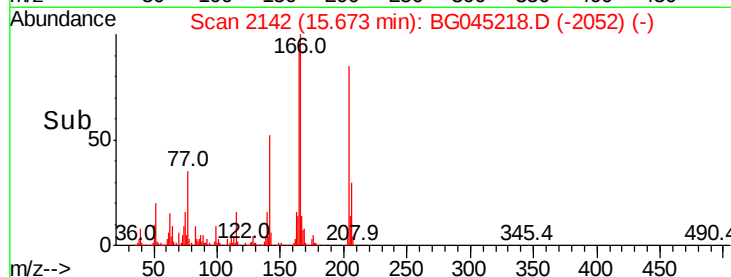
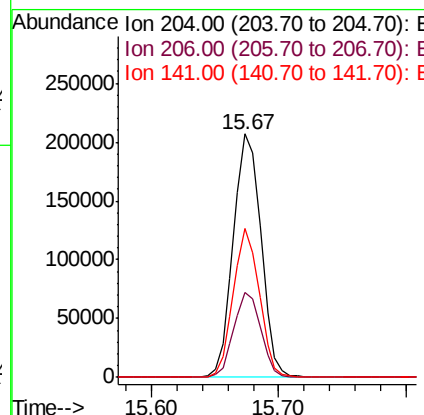
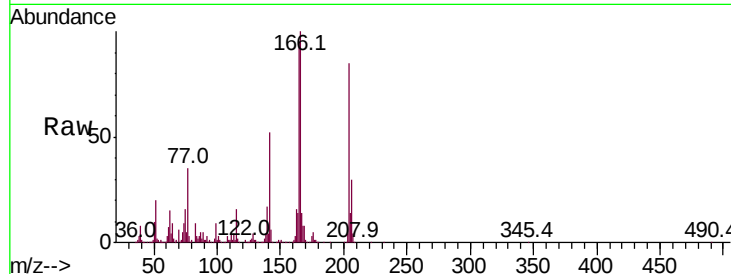
#61
4-Chlorophenyl-phenylether
Concen: 38.831 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampled :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.0	26.9	40.3	
141	61.1	46.3	69.5	

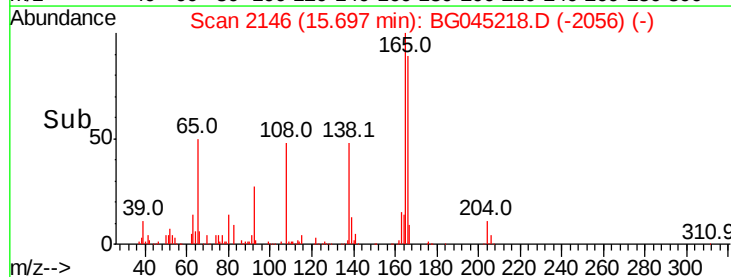
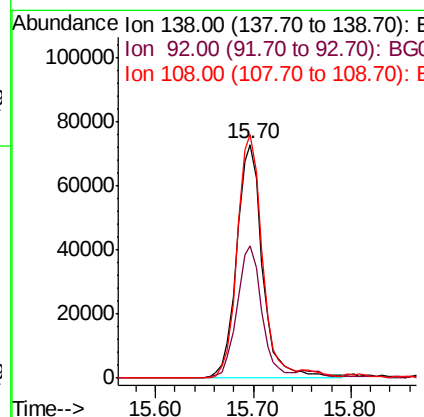
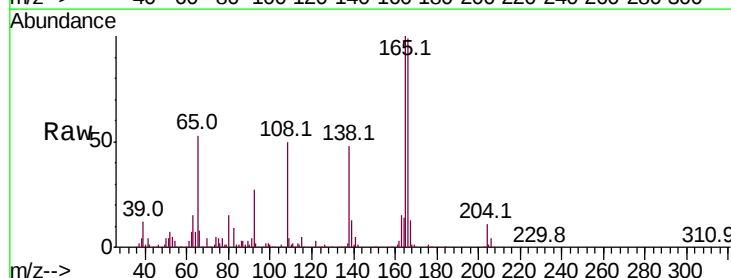
Manual Integrations
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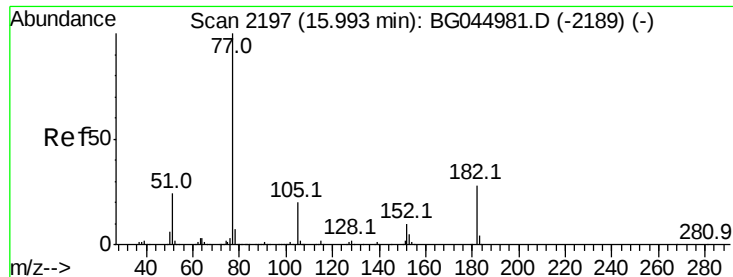
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#62
4-Nitroaniline
Concen: 35.229 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.5	33.6	73.6	
108	104.1	78.2	118.2	





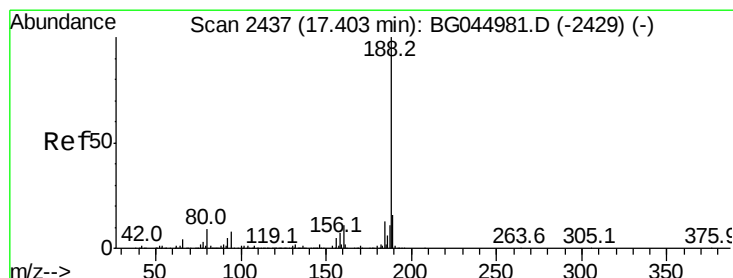
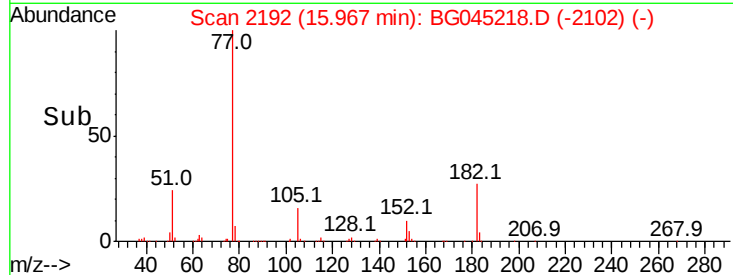
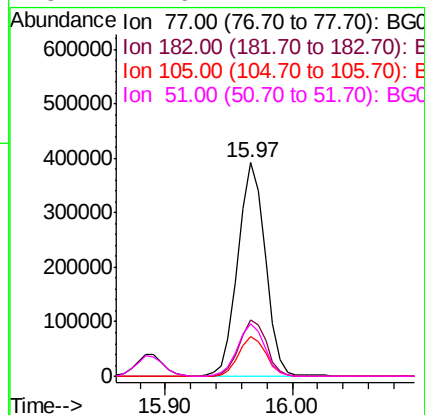
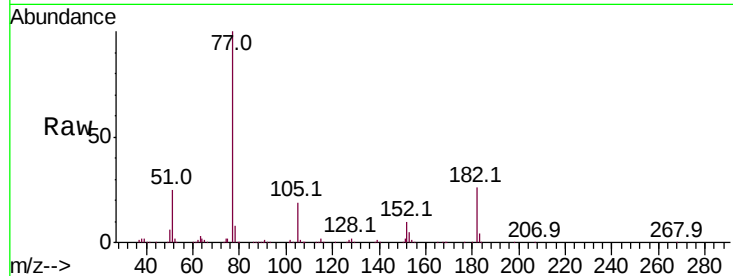
#63
Azobenzene
Concen: 40.682 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.2	8.4	48.4		
105	18.7	0.5	40.5		
51	24.6	4.4	44.4		

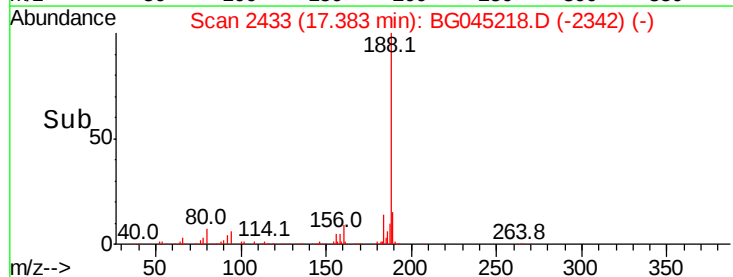
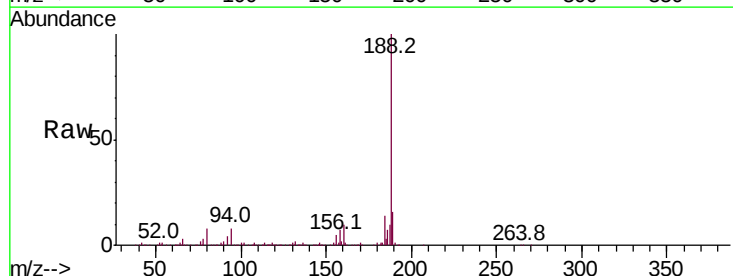
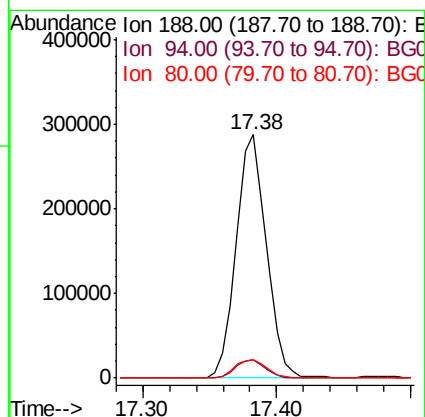
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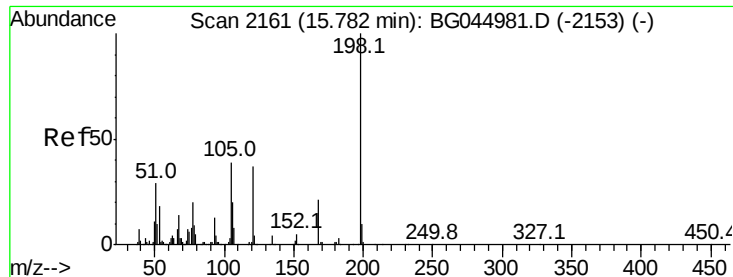
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.7	6.2	9.4		
80	7.6	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.668 ng

RT: 15.76 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

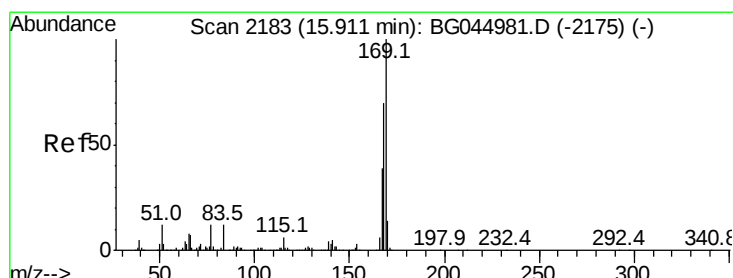
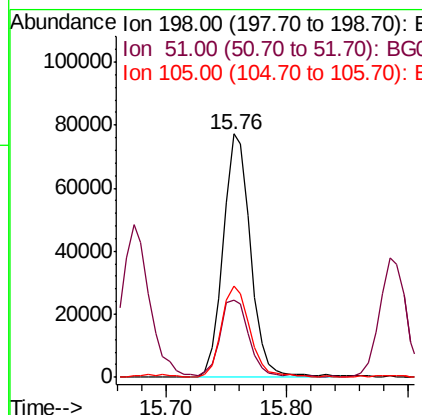
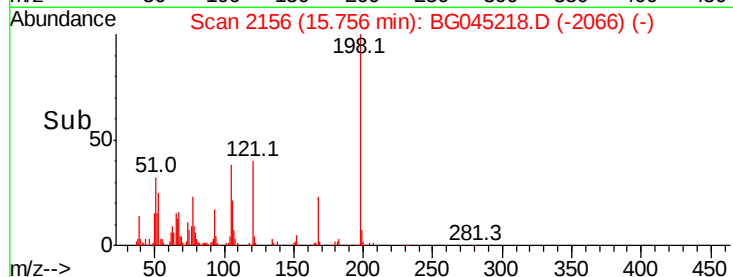
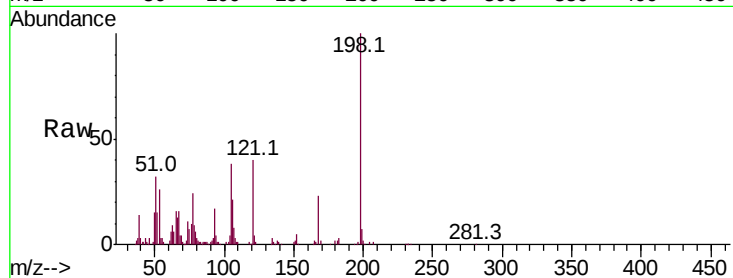
ClientSampleId :

PB128614BS

Tot Ion:	198	Resp:	120923
Ion Ratio	Lower	Upper	
198	100		
51	31.8	10.0	50.0
105	37.6	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 39.951 ng

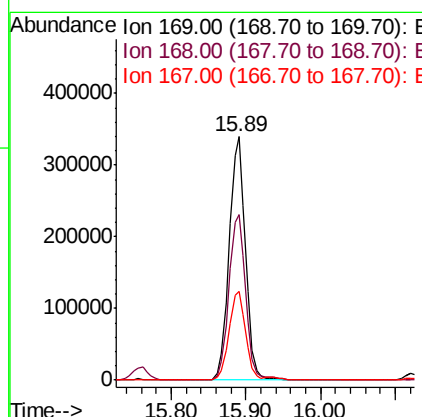
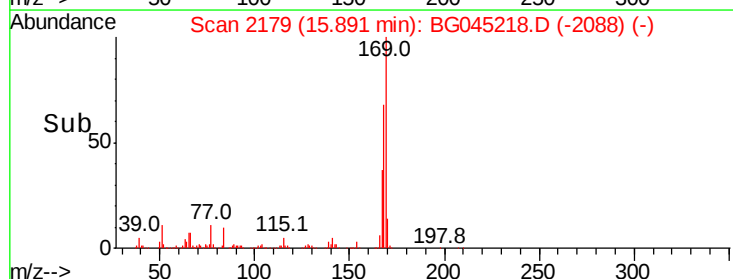
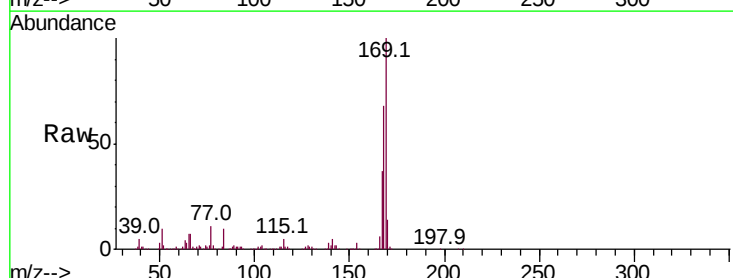
RT: 15.89 min Scan# 2179

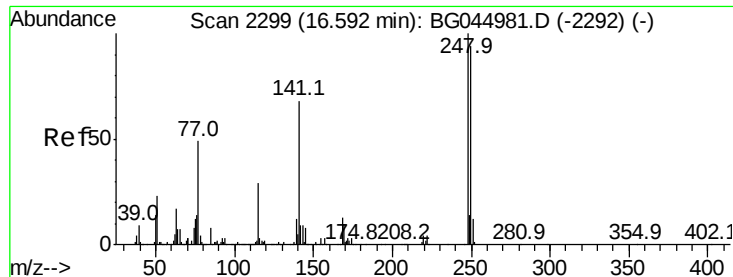
Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	169	Resp:	519267
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.8	83.8
167	36.7	30.8	46.2





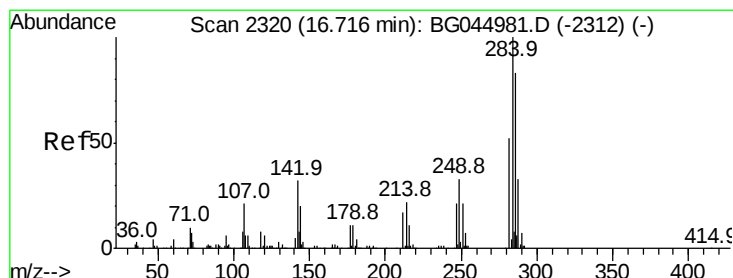
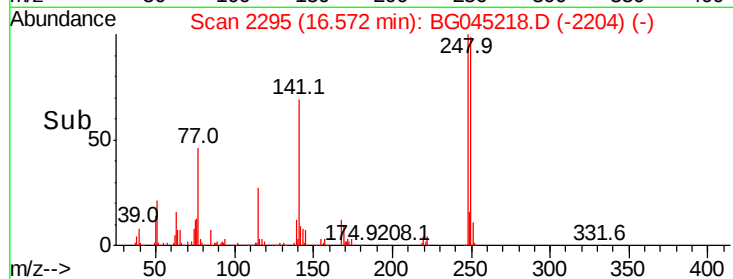
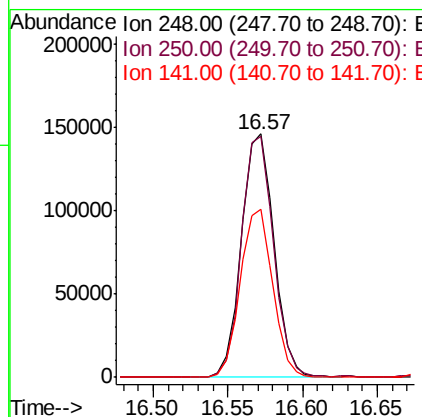
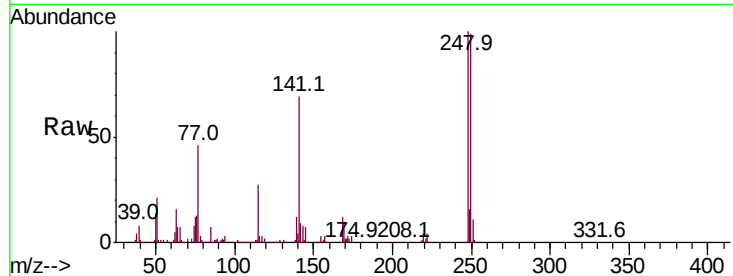
#67
4-Bromophenyl-phenylether
Concen: 38.036 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	221977		
250	98.9	75.4	113.2	
141	69.2	54.4	81.6	

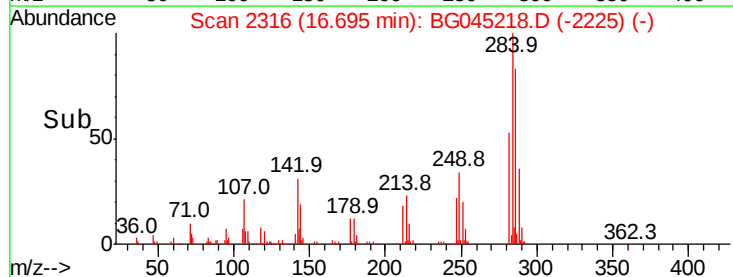
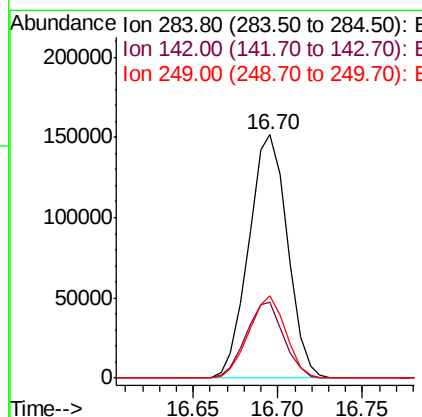
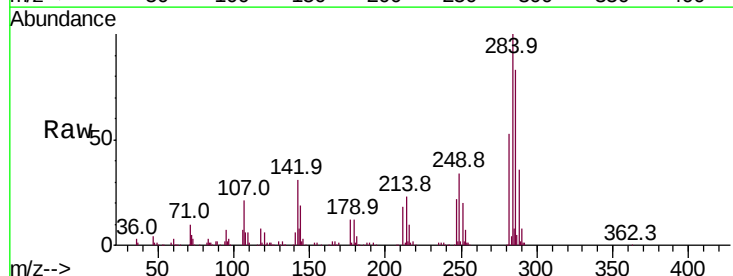
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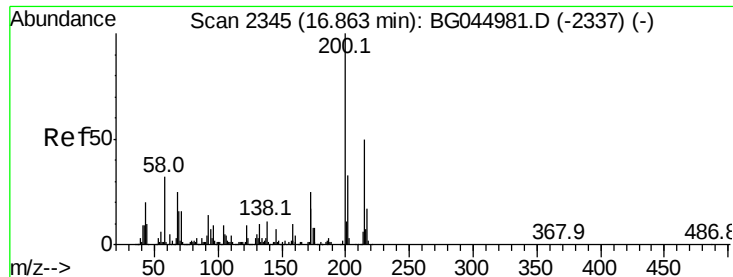
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#68
Hexachlorobenzene
Concen: 39.968 ng
RT: 16.70 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	241908		
142	31.4	25.8	38.6	
249	33.7	26.6	39.8	





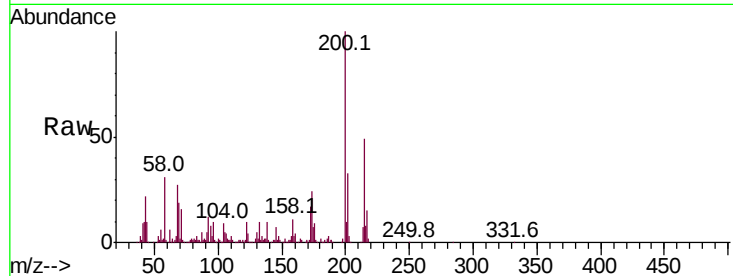
#69
Atrazine
Concen: 42.721 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.5	44.5
215	49.4	30.0	70.0

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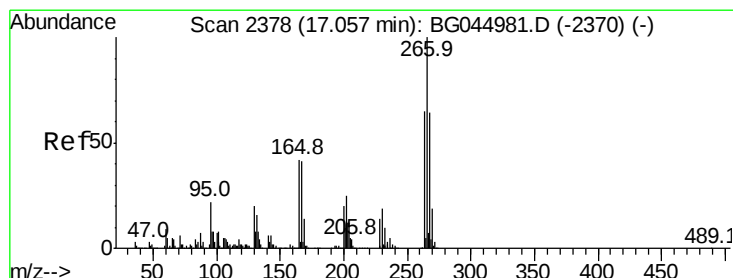
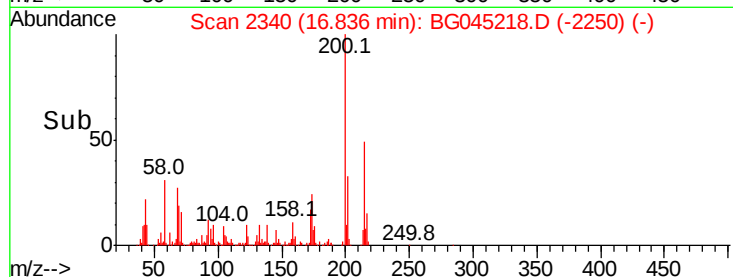
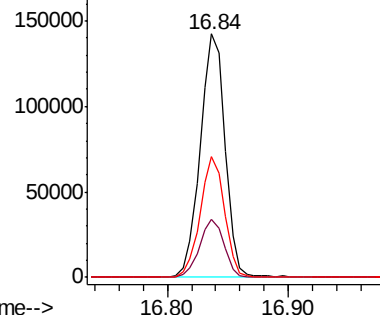


Abundance

Ion 200.00 (199.70 to 200.70): E

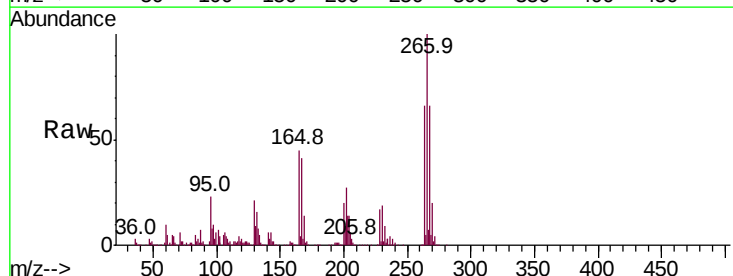
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.558 ng
RT: 17.04 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.5	77.3
264	66.4	52.2	78.4

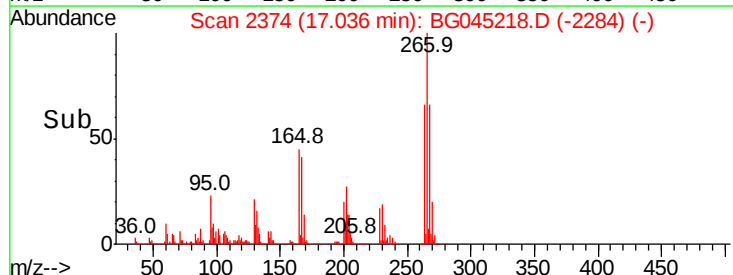
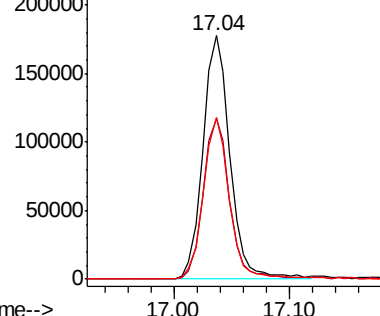


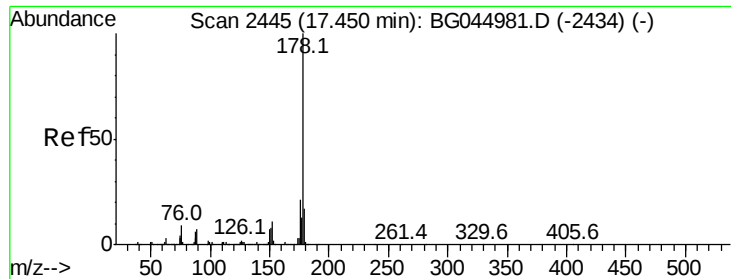
Abundance

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: 40.773 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

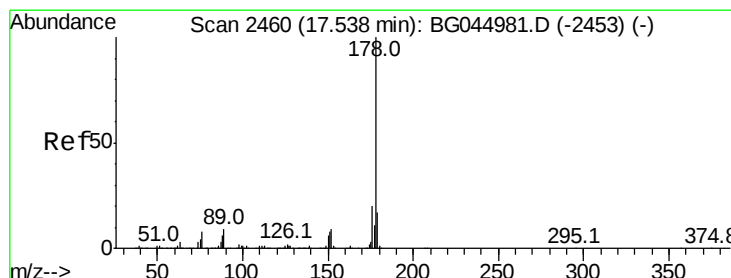
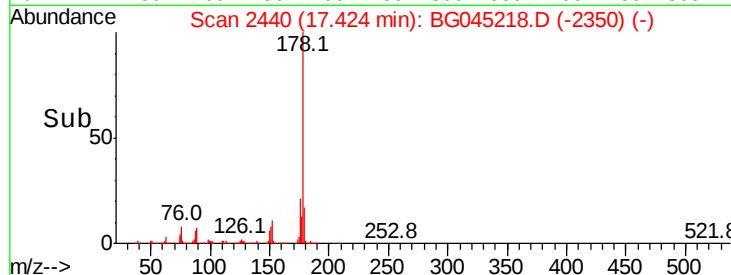
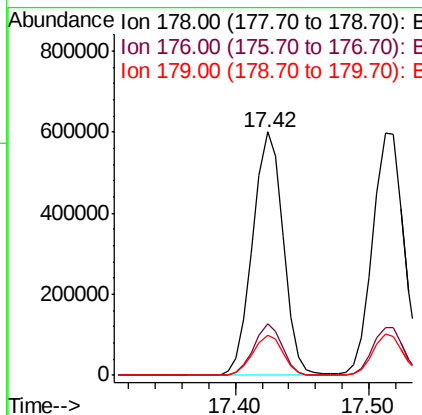
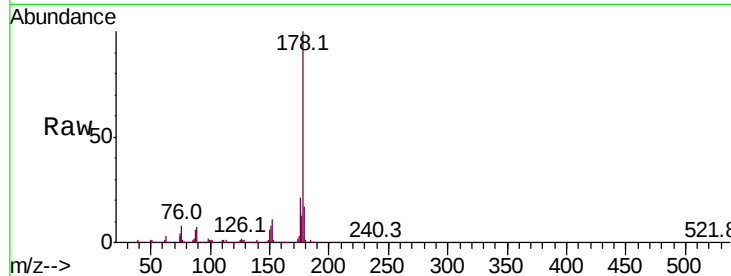
ClientSampleId :

PB128614BS

Tot Ion:	178	Resp:	947816
Ion Ratio	Lower	Upper	
178	100		
176	21.2	16.8	25.2
179	16.6	13.2	19.8

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#72

Anthracene

Concen: 41.690 ng

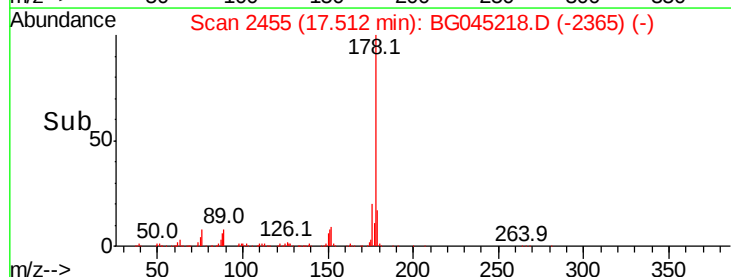
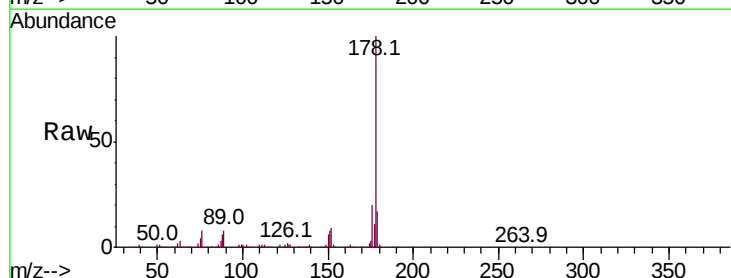
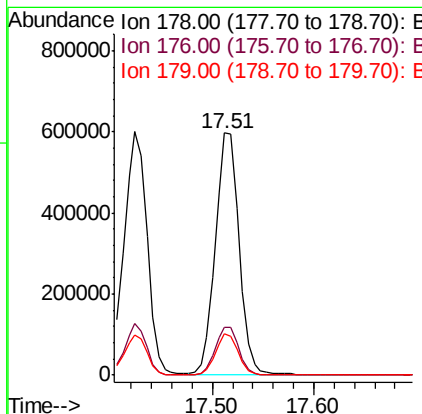
RT: 17.51 min Scan# 2455

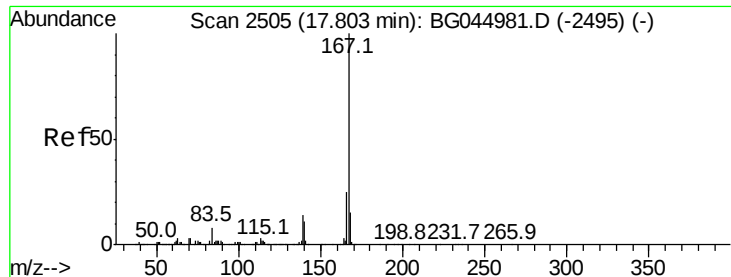
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	178	Resp:	972139
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.0	24.0
179	17.0	13.6	20.4





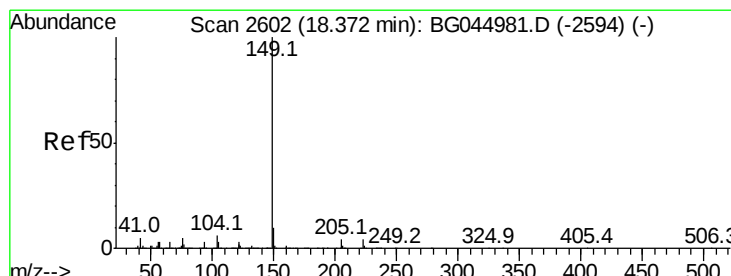
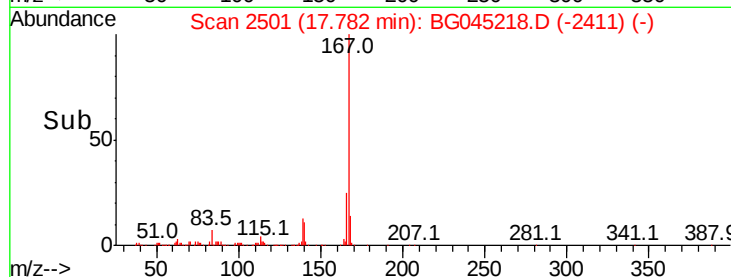
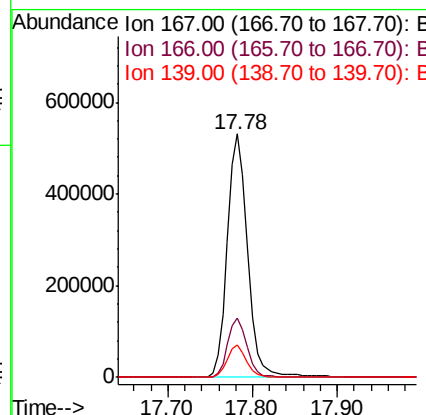
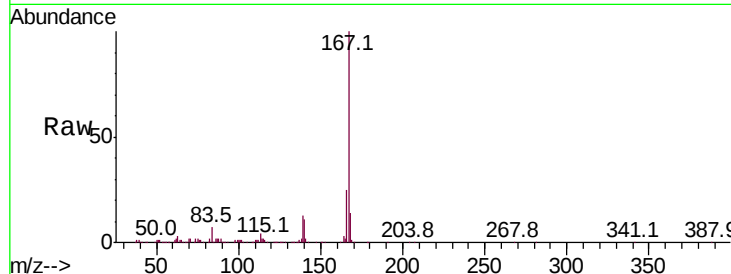
#73
 Carbazole
 Concen: 37.282 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	24.5	19.8	29.6	
139	13.2	10.9	16.3	

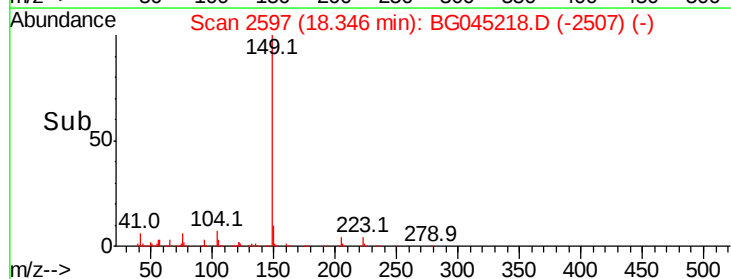
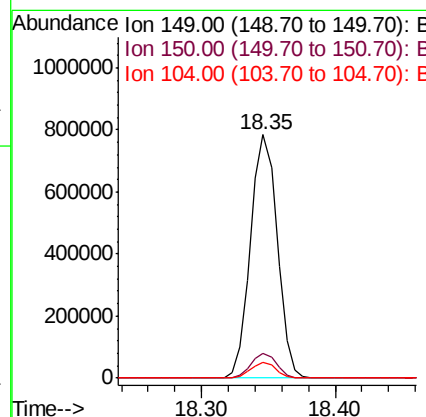
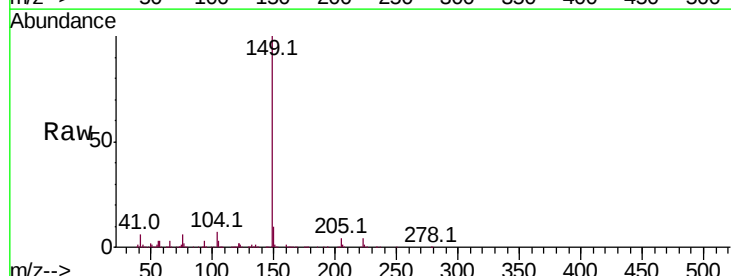
Manual Integrations
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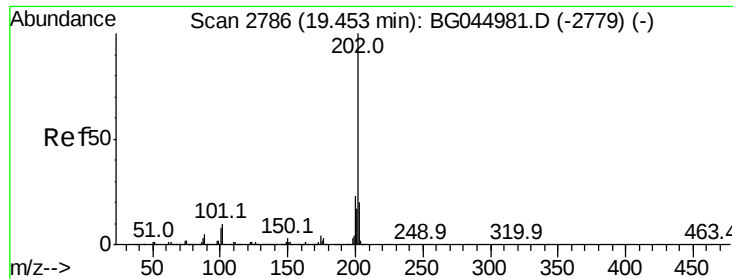
mohammad
 5/4/2020 3:46:14 PM



#74
 Di-n-butylphthalate
 Concen: 41.355 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.0	8.2	12.2	
104	6.7	4.8	7.2	





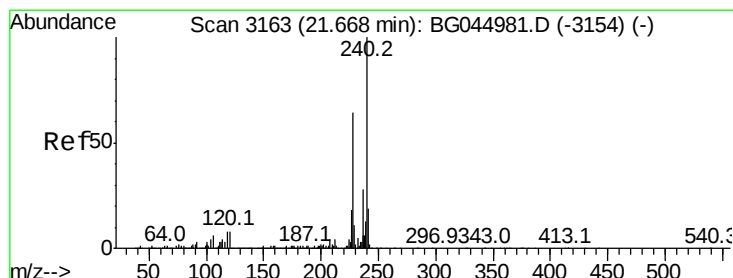
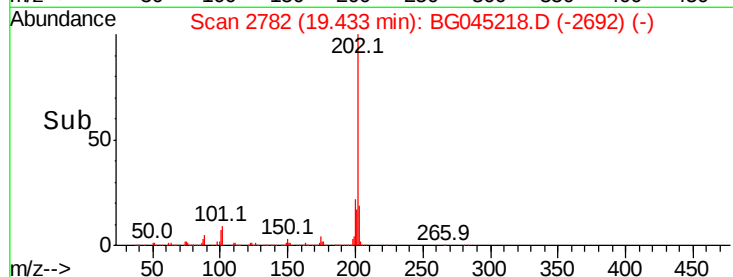
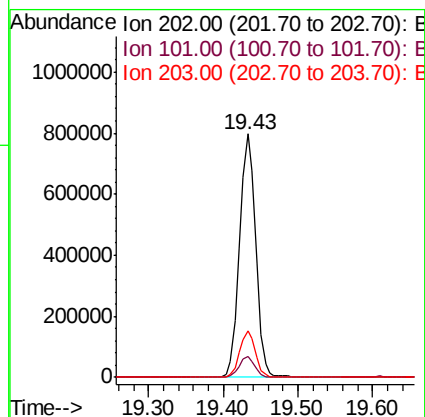
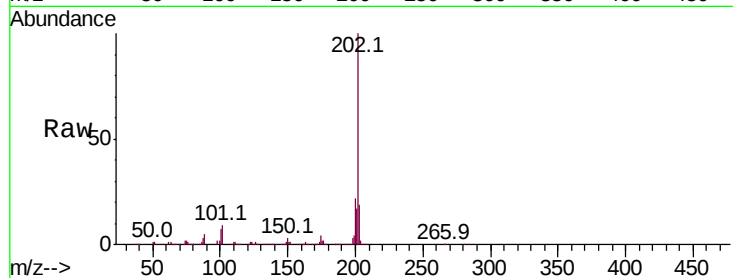
#75
Fluoranthene
Concen: 43.901 ng
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampled :
PB128614BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1203629		
101	8.5		0.0	29.6
203	18.9		0.0	39.7

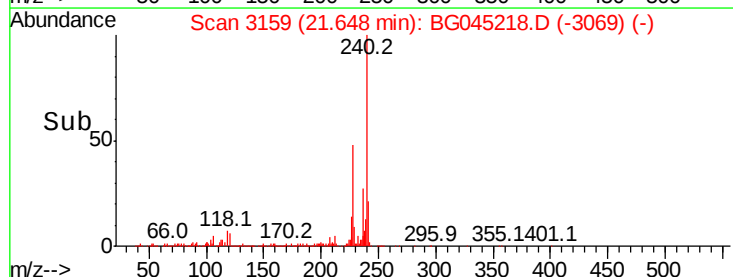
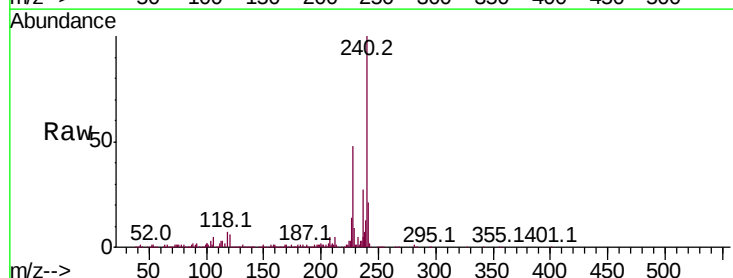
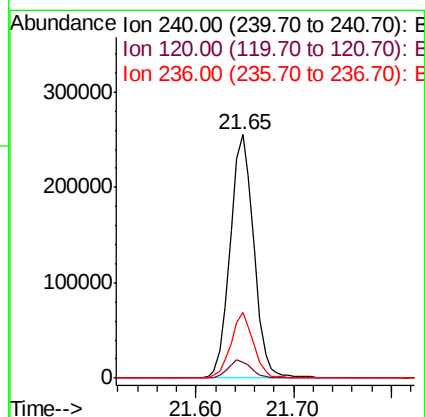
Manual Integrations
APPROVED

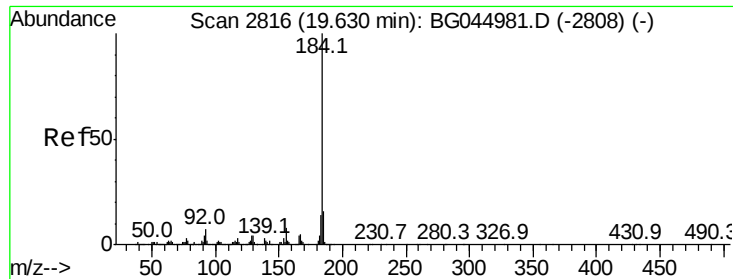
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	430274		
120	6.4		6.6	10.0#
236	26.8		22.2	33.2





#77

Benzidine

Concen: 58.814 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

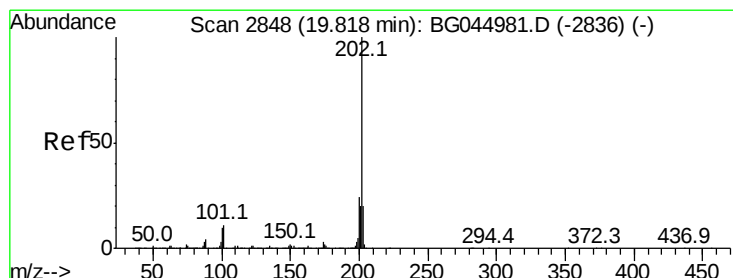
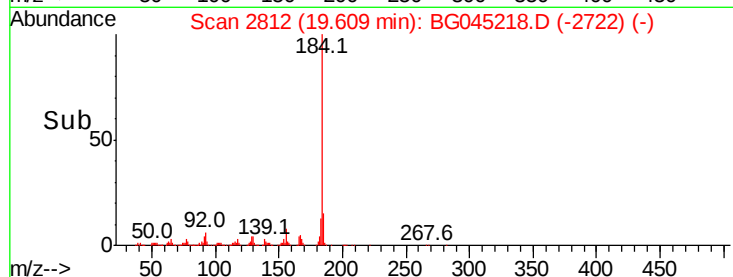
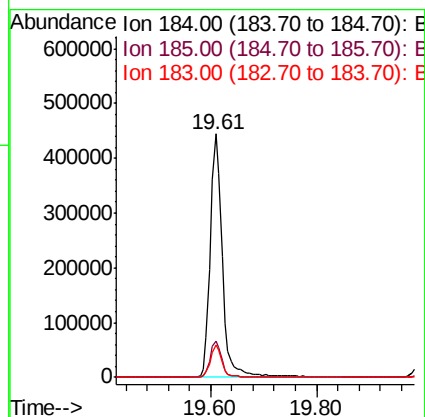
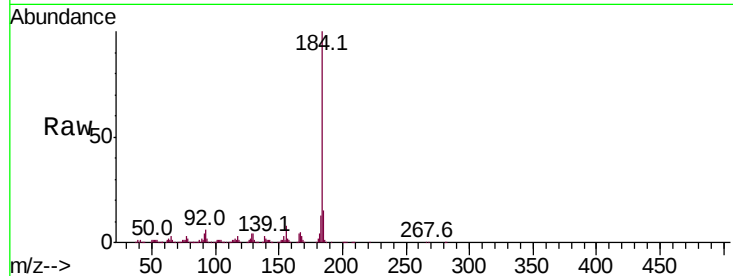
ClientSampleId :

PB128614BS

Tot Ion:	184	Resp:	710179
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	19.0
183	13.1	11.3	16.9

Manual Integrations
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#78

Pyrene

Concen: 39.979 ng

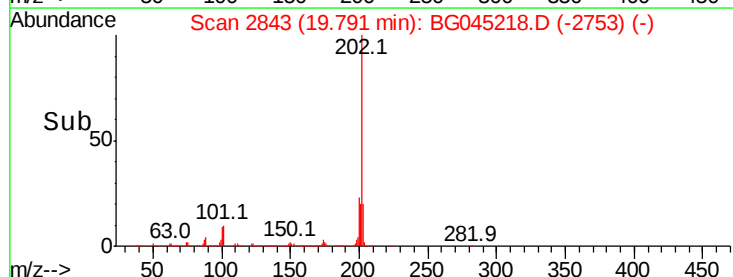
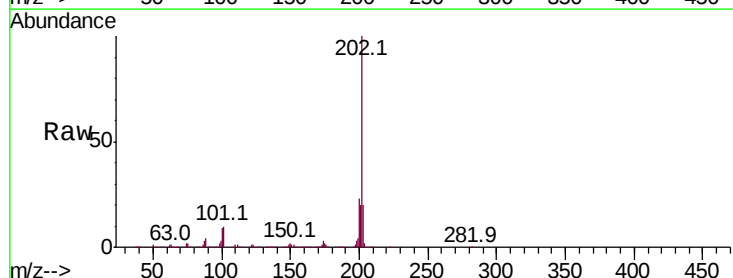
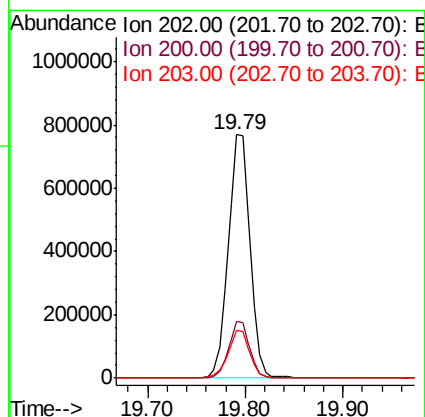
RT: 19.79 min Scan# 2843

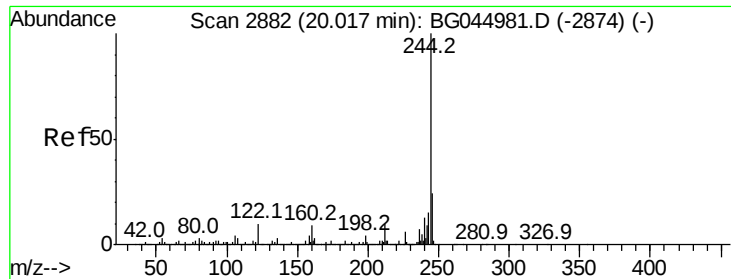
Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	202	Resp:	1185916
Ion Ratio	Lower	Upper	
202	100		
200	23.0	19.0	28.6
203	19.8	16.1	24.1





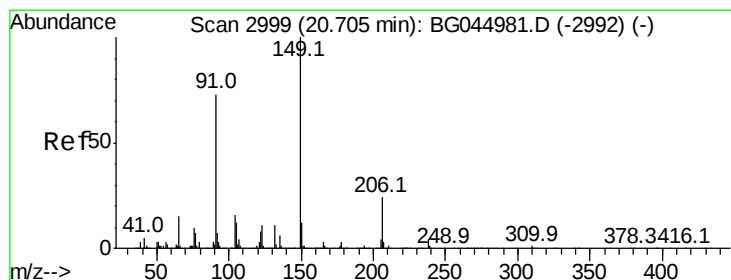
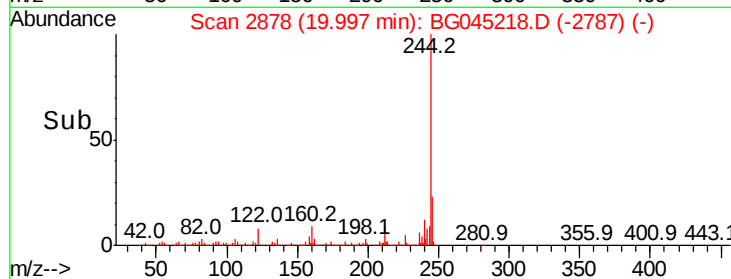
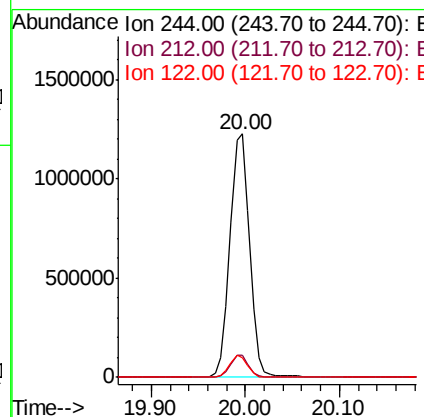
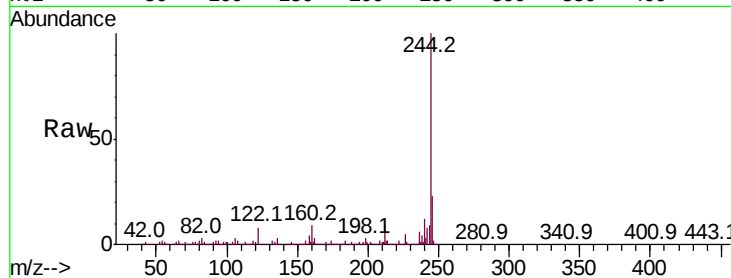
#79
 Terphenyl-d14
 Concen: 90.385 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB128614BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	8.1	7.7	11.5

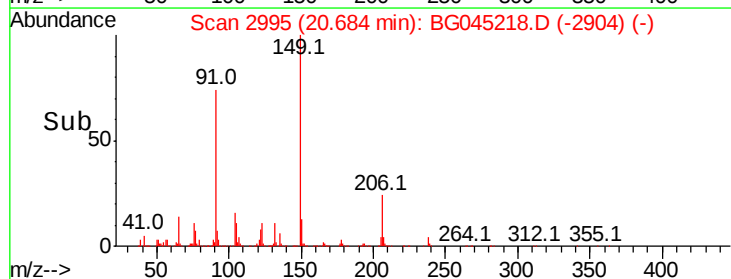
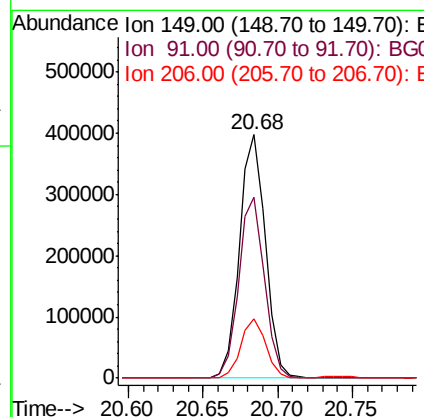
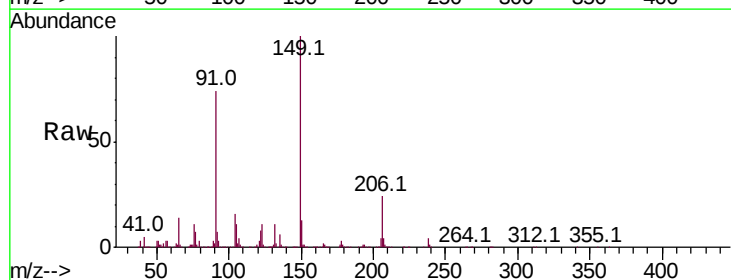
Manual Integrations
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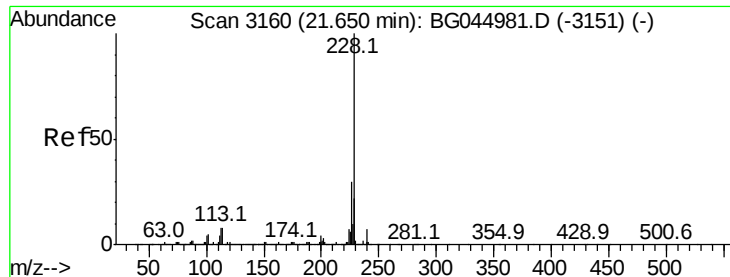
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.264 ng
 RT: 20.68 min Scan# 2995
 Delta R.T. 0.00 min
 Lab File: BG045218.D
 Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.3	58.5	87.7
206	24.4	19.2	28.8





#81

Benzo(a)anthracene

Concen: 41.118 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

ClientSampleId :

PB128614BS

Tot Ion:228 Resp: 1146682

Ion Ratio Lower Upper

228 100

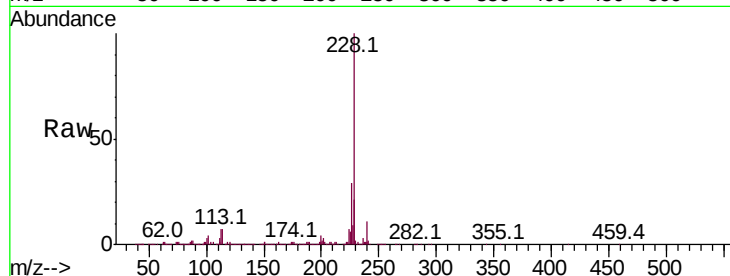
226 28.6 24.0 36.0

229 21.1 17.5 26.3

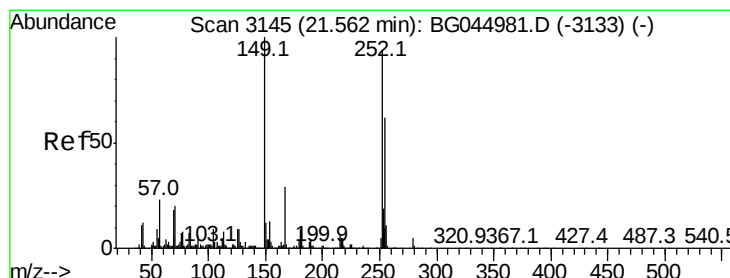
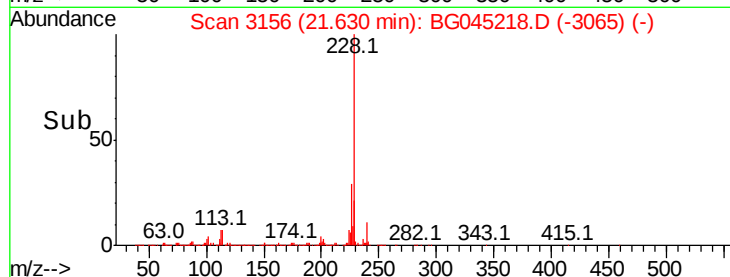
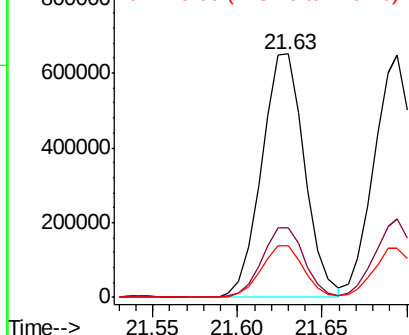
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.515 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

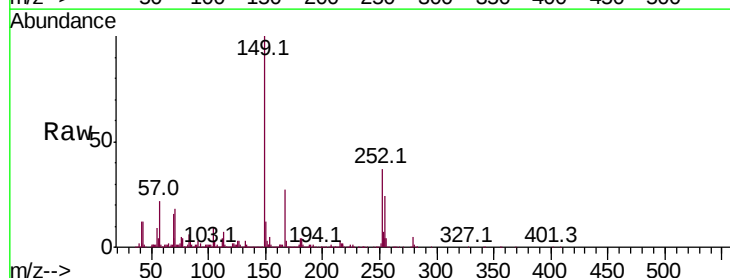
Tgt Ion:252 Resp: 305421

Ion Ratio Lower Upper

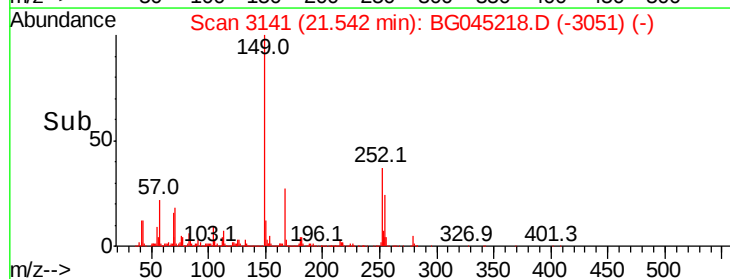
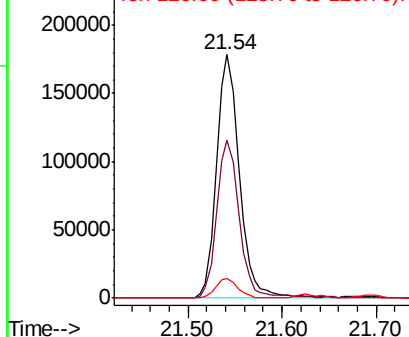
252 100

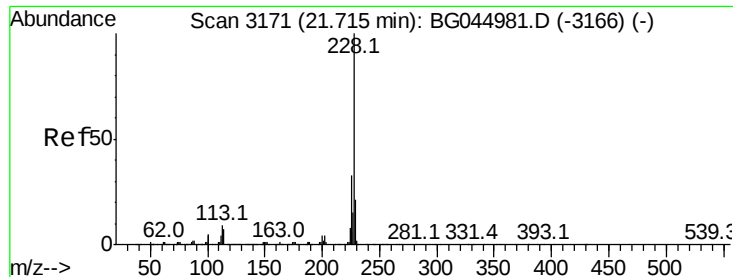
254 64.7 52.6 79.0

126 8.0 7.5 11.3



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





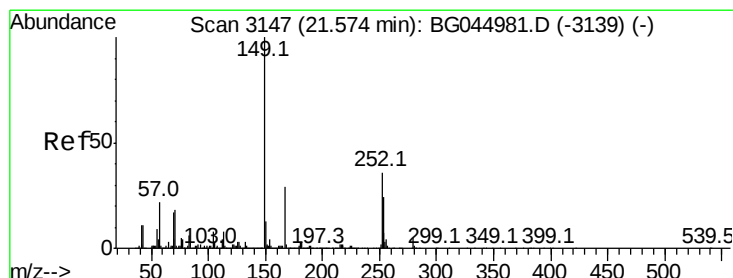
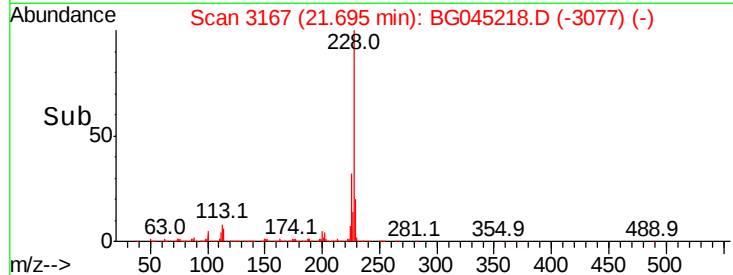
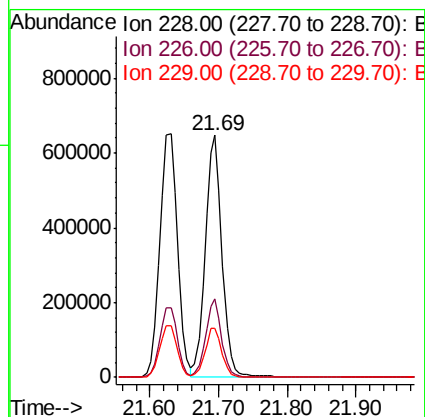
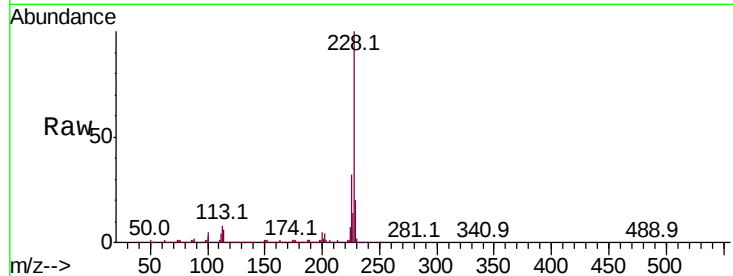
#83
Chrysene
Concen: 41.301 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.2	39.4
229	20.2	17.0	25.6

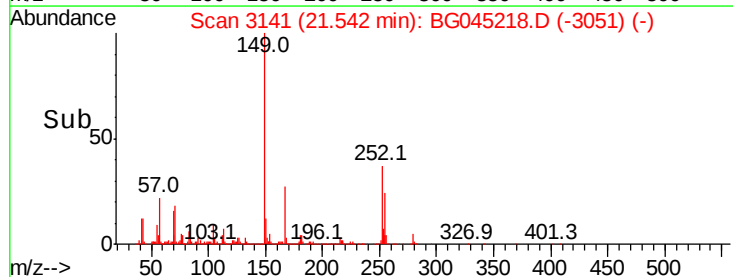
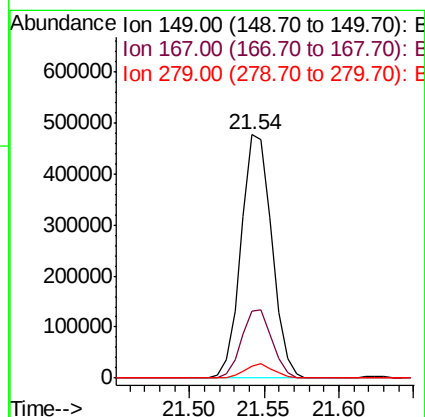
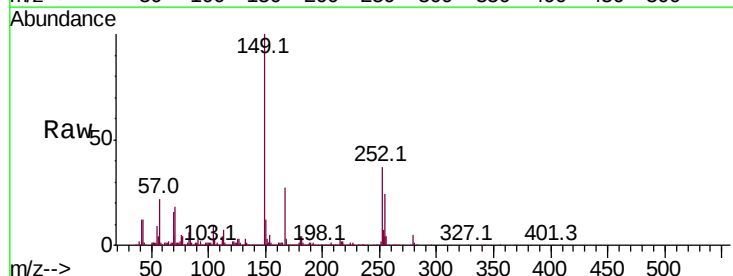
Manual Integrations
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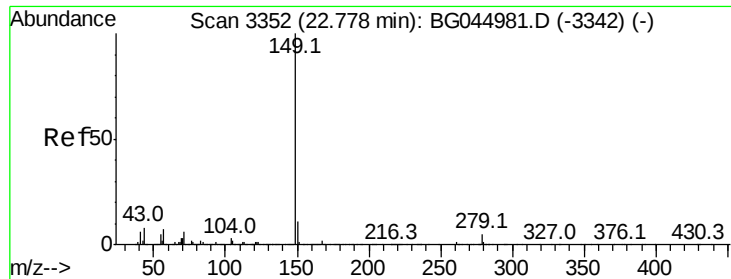
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.214 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.4	35.0
279	4.9	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 40.204 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Instrument :

BNA_G

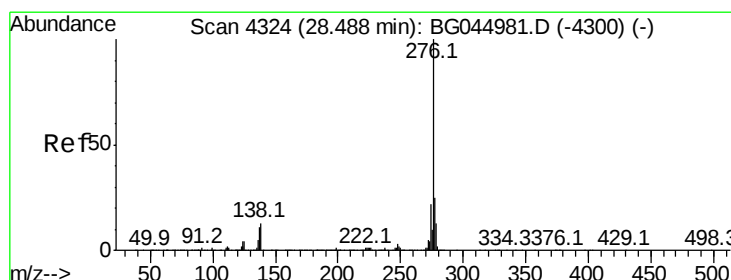
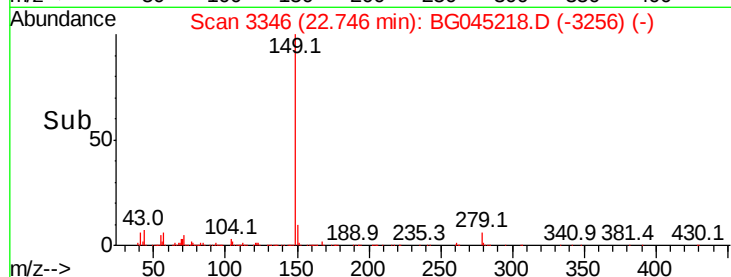
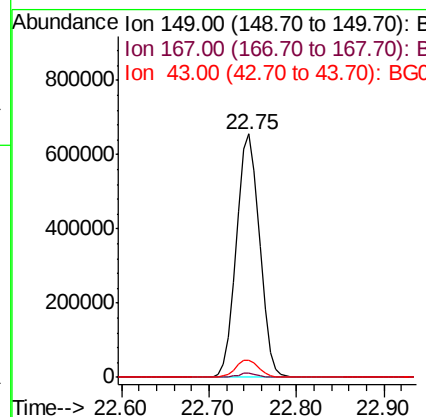
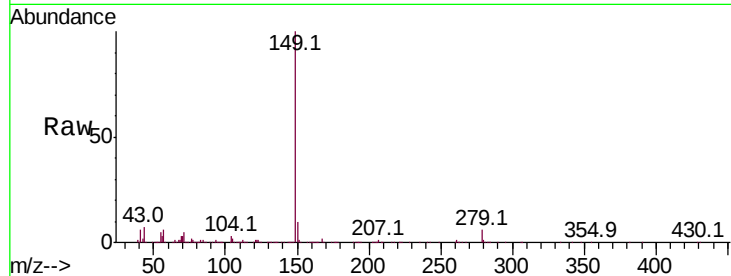
ClientSampleId :

PB128614BS

Tot Ion:	149	Resp:	1175711
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.2
43	7.2	5.7	8.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.724 ng

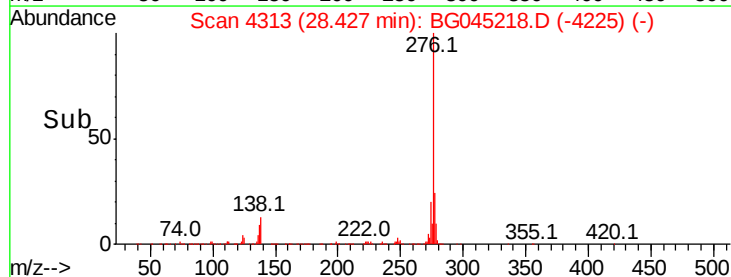
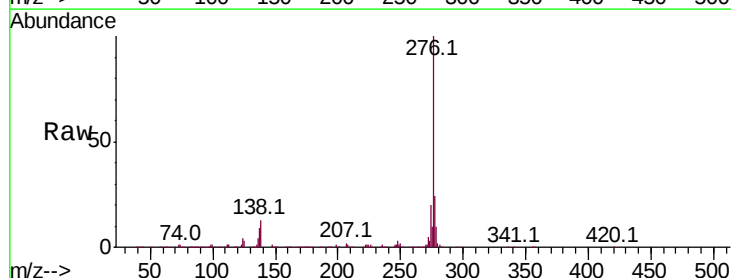
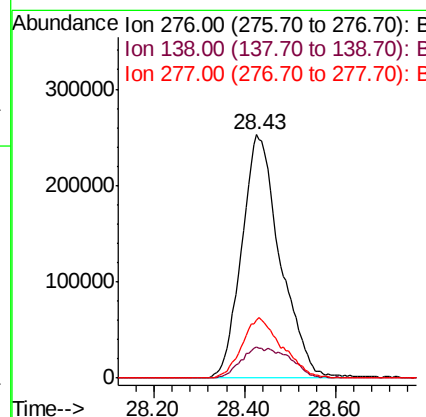
RT: 28.43 min Scan# 4313

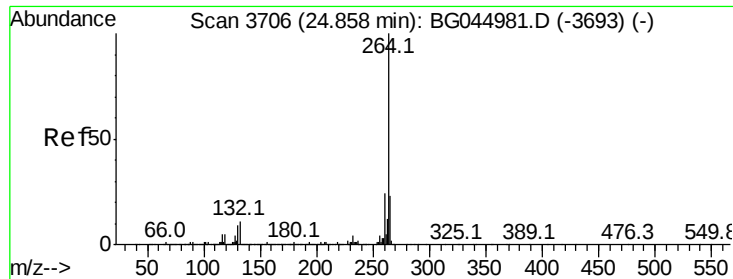
Delta R.T. -0.01 min

Lab File: BG045218.D

Acq: 1 May 2020 16:16

Tgt Ion:	276	Resp:	1484342
Ion Ratio	Lower	Upper	
276	100		
138	7.8	9.6	14.4#
277	25.9	20.6	31.0





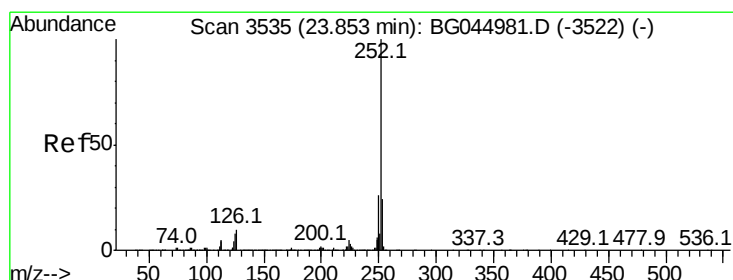
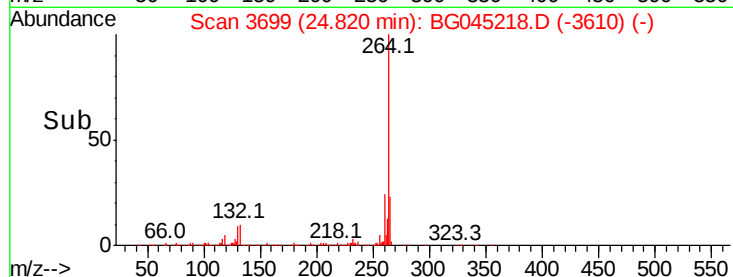
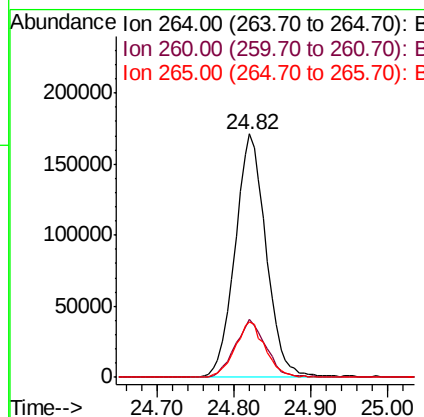
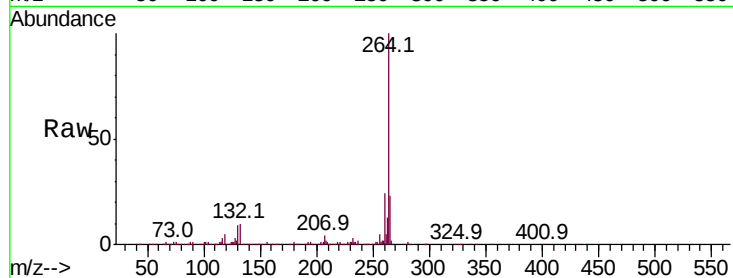
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.7	19.0	28.4

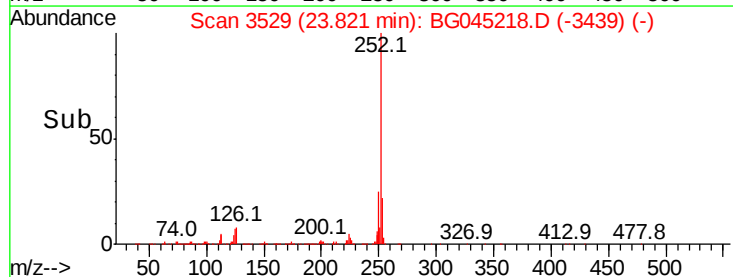
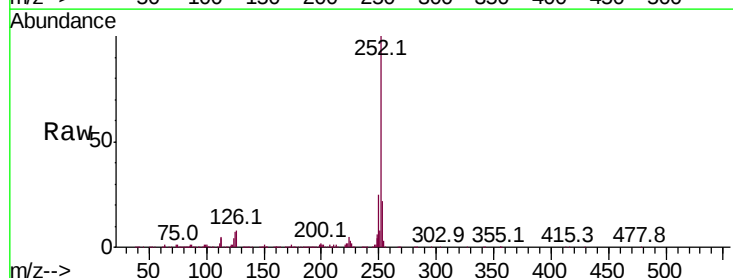
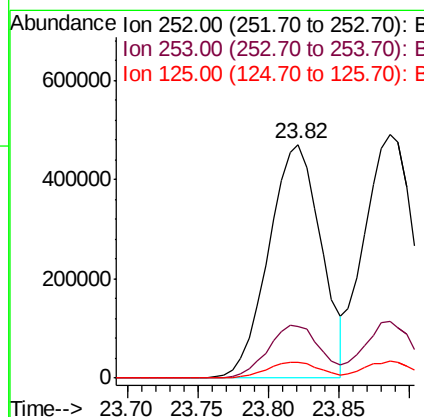
Manual Integrations
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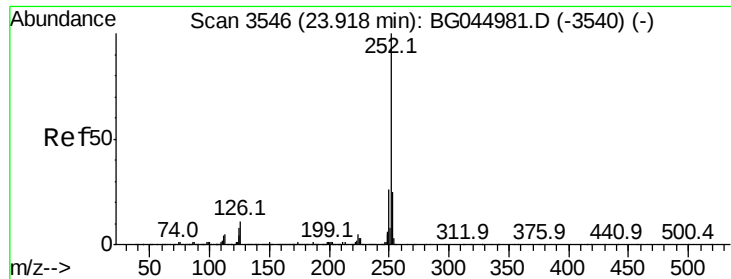
mohammad
5/4/2020 3:46:14 PM



#88
Benzo(b)fluoranthene
Concen: 40.353 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.8	28.2
125	6.6	6.2	9.4





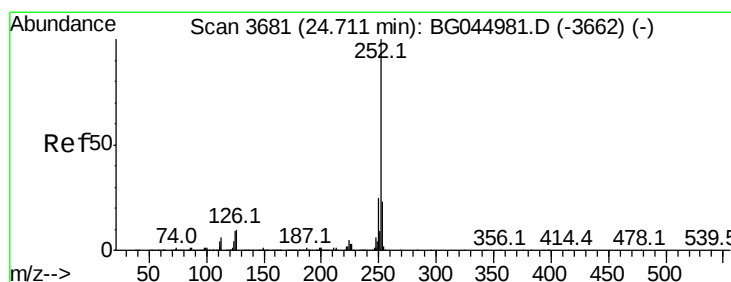
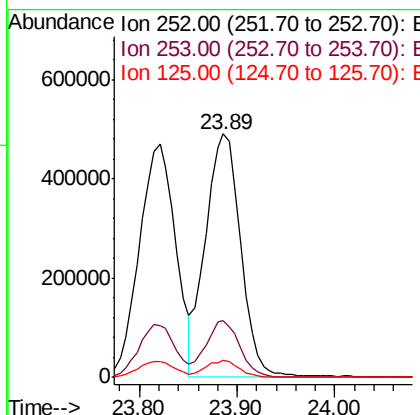
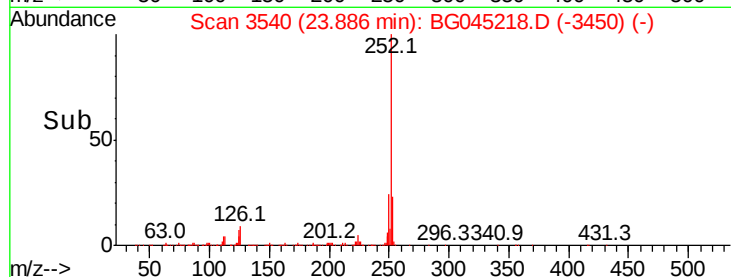
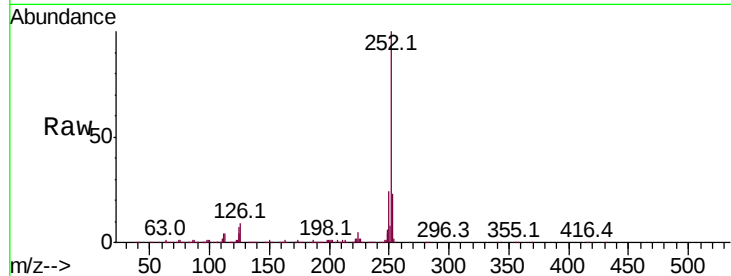
#89
Benzo(k)fluoranthene
Concen: 42.278 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.2	28.8
125	7.0	5.9	8.9

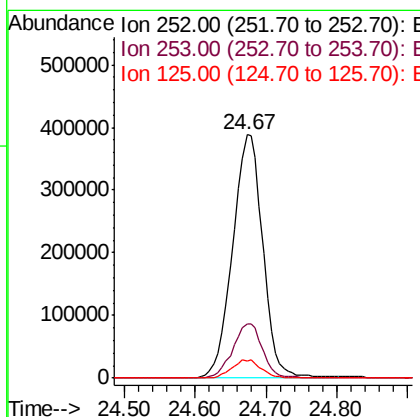
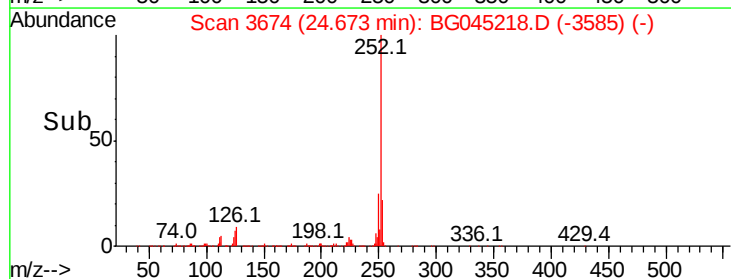
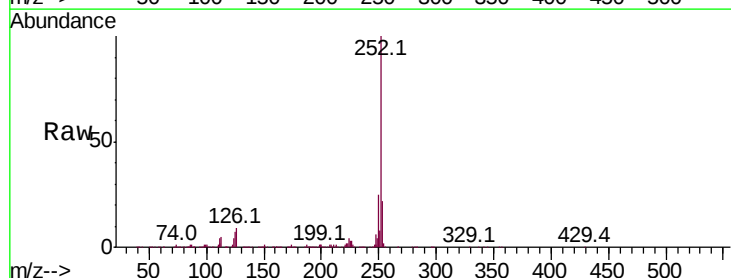
Manual Integrations
APPROVED

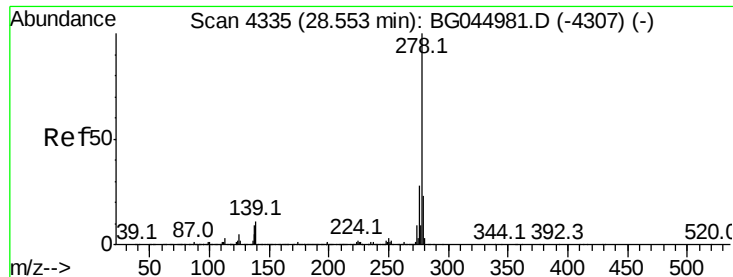
mohammad
5/4/2020 3:46:14 PM



#90
Benzo(a)pyrene
Concen: 40.423 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	7.0	7.0	10.6





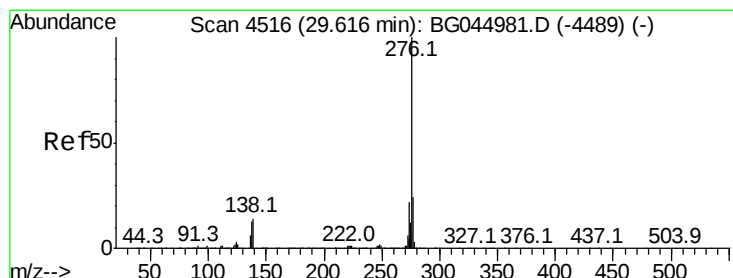
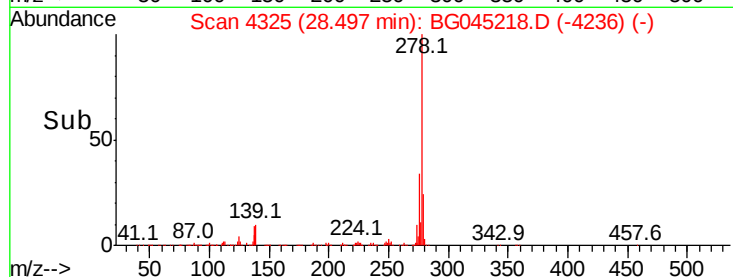
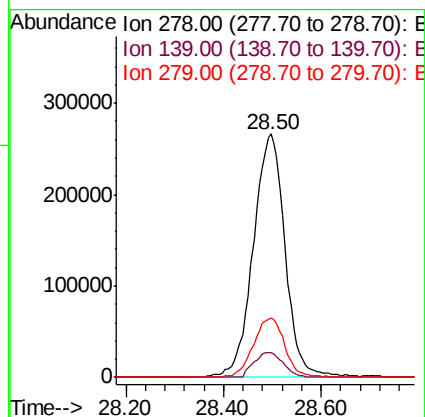
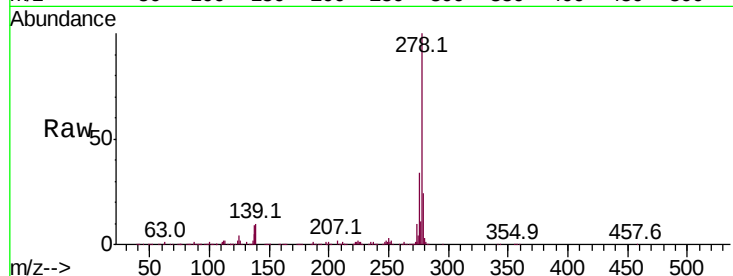
#91
Dibenzo(a,h)anthracene
Concen: 41.986 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Instrument :
BNA_G
ClientSampleId :
PB128614BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.3	9.0	13.6
279	24.2	18.4	27.6

Manual Integrations
APPROVED

mohammad
5/4/2020 3:46:14 PM



#92
Benzo(g,h,i)perylene
Concen: 42.627 ng
RT: 29.57 min Scan# 4507
Delta R.T. -0.00 min
Lab File: BG045218.D
Acq: 1 May 2020 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	13.0	11.4	17.2

