

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
 Data File : BG045479.D
 Acq On : 27 May 2020 16:54
 Operator : CG/JU
 Sample : L2768-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Manual Integrations
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mohammad
 5/29/2020 10:24:34 PM

Quant Time: May 27 17:32:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 13:40:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84754	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	346537	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	252649	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	572581	20.00	ng	0.00
76) Chrysene-d12	21.61	240	506445	20.00	ng	0.00
87) Perylene-d12	24.76	264	563426	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	521261	120.19	ng	0.00
7) Phenol-d6	7.18	99	749387	121.41	ng	0.00
23) Nitrobenzene-d5	9.12	82	489855	77.08	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	378486	117.14	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1148019	77.07	ng	0.00
79) Terphenyl-d14	19.96	244	1769886	81.51	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.40	88	72137	33.543	ng	98
3) Pyridine	3.80	79	166987	27.880	ng	99
4) n-Nitrosodimethylamine	3.72	42	78239	39.919	ng	90
6) Aniline	7.29	93	163068	20.237	ng	99
8) 2-Chlorophenol	7.54	128	223670	47.031	ng	97
9) Benzaldehyde	7.09	77	145160	36.095	ng	95
10) Phenol	7.20	94	303415	47.694	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	205467	41.407	ng	97
12) 1,3-Dichlorobenzene	7.85	146	241604	42.274	ng	98
13) 1,4-Dichlorobenzene	7.99	146	242913	43.069	ng	97
14) 1,2-Dichlorobenzene	8.32	146	232767	42.909	ng	97
15) Benzyl Alcohol	8.21	79	231853	45.469	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	188663	40.054	ng	96
17) 2-Methylphenol	8.44	107	207036	43.480	ng	96
18) Hexachloroethane	9.04	117	96254	44.559	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	184735	43.280	ng	97
20) 3+4-Methylphenols	8.77	107	274378	42.315	ng	# 62
22) Acetophenone	8.78	105	345094	42.016	ng	# 95
24) Nitrobenzene	9.16	77	282185	41.446	ng	100
25) Isophorone	9.68	82	518032	41.393	ng	98
26) 2-Nitrophenol	9.88	139	134127	46.051	ng	91
27) 2,4-Dimethylphenol	9.97	122	219668	50.851	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	287878	43.862	ng	99
29) 2,4-Dichlorophenol	10.44	162	242027	47.446	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	265458	44.039	ng	97
31) Naphthalene	10.82	128	699550	43.320	ng	99
32) Benzoic acid	10.16	122	156310	52.117	ng	100
33) 4-Chloroaniline	10.94	127	74465	11.032	ng	98
34) Hexachlorobutadiene	11.11	225	184420	43.283	ng	97
35) Caprolactam	11.70	113	84565m	45.164	ng	
36) 4-Chloro-3-methylphenol	12.09	107	272002	47.320	ng	94
37) 2-Methylnaphthalene	12.43	142	537407	44.650	ng	98
38) 1-Methylnaphthalene	12.65	142	507618	44.647	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	318836	45.181	ng	98

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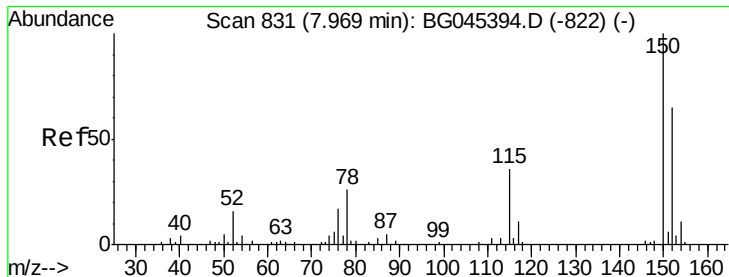
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	297980	73.158	nq	97
43) 2,4,6-Trichlorophenol	13.05	196	220845	45.051	nq	99
44) 2,4,5-Trichlorophenol	13.14	196	235316	42.007	nq	98
46) 1,1'-Biphenyl	13.44	154	689357	44.405	nq	99
47) 2-Chloronaphthalene	13.48	162	532853	42.269	nq	100
48) 2-Nitroaniline	13.68	65	167366	40.361	nq	88
49) Acenaphthylene	14.33	152	871824	43.056	nq	100
50) Dimethylphthalate	14.06	163	825140	47.609	nq	98
51) 2,6-Dinitrotoluene	14.18	165	163256	41.744	nq	93
52) Acenaphthene	14.67	154	629656m	46.455	nq	
53) 3-Nitroaniline	14.51	138	75365	18.957	nq	99
54) 2,4-Dinitrophenol	14.72	184	172627	68.244	nq	94
55) Dibenzofuran	15.00	168	836127	41.540	nq	97
56) 4-Nitrophenol	14.88	139	254477	84.547	nq	94
57) 2,4-Dinitrotoluene	14.97	165	228645	40.368	nq	94
58) Fluorene	15.65	166	694816	42.018	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	217345	44.100	nq	99
60) Diethylphthalate	15.42	149	718898	39.852	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	391130	41.334	nq	96
62) 4-Nitroaniline	15.68	138	139396	33.587	nq	98
63) Azobenzene	15.93	77	690848	41.072	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	131523	39.441	nq	98
66) n-Nitrosodiphenylamine	15.86	169	614740	44.716	nq	97
67) 4-Bromophenyl-phenylether	16.54	248	268665	43.332	nq	98
68) Hexachlorobenzene	16.66	284	296140	45.667	nq	98
69) Atrazine	16.82	200	235296	41.553	nq	97
70) Pentachlorophenol	17.02	266	327594	97.291	nq	97
71) Phenanthrene	17.40	178	1083640	43.352	nq	99
72) Anthracene	17.49	178	1112076	44.302	nq	97
73) Carbazole	17.76	167	1006624	41.140	nq	98
74) Di-n-butylphthalate	18.31	149	1193397	40.635	nq	99
75) Fluoranthene	19.41	202	1318310	41.464	nq	99
77) Benzidine	19.58	184	550840	38.727	nq	99
78) Pyrene	19.76	202	1312542	45.465	nq	99
80) Butylbenzylphthalate	20.65	149	515544	41.373	nq	99
81) Benzo(a)anthracene	21.59	228	1238227	43.889	nq	99
82) 3,3'-Dichlorobenzidine	21.51	252	308163	27.846	nq	99
83) Chrysene	21.66	228	1194559	44.035	nq	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	715252	41.756	nq	98
85) Di-n-octyl phthalate	22.70	149	1208260	41.070	nq	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1568101	44.205	nq	98
88) Benzo(b)fluoranthene	23.77	252	1291965	42.756	nq	99
89) Benzo(k)fluoranthene	23.83	252	1268543	44.685	nq	99
90) Benzo(a)pyrene	24.61	252	1189364	42.263	nq	# 97
91) Dibenzo(a,h)anthracene	28.40	278	1277372	45.169	nq	97
92) Benzo(g,h,i)perylene	29.46	276	1309351	46.294	nq	99

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



#1

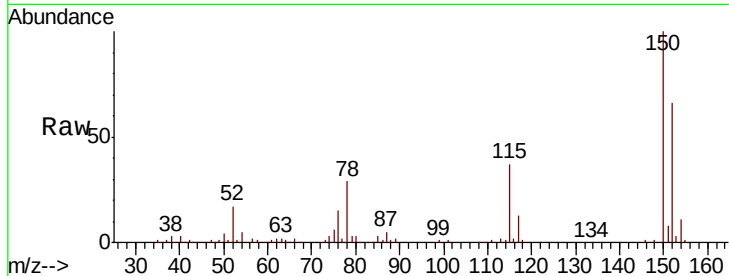
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampled :
370MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	122.4	183.6
115	55.9	44.2	66.4

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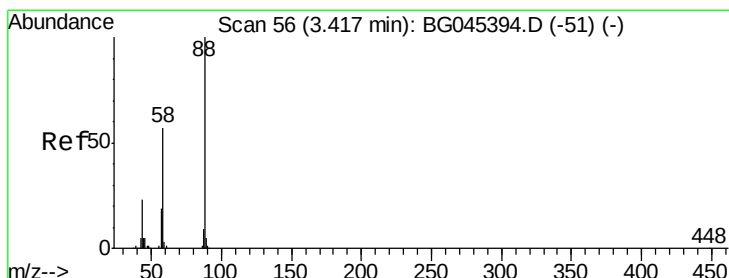
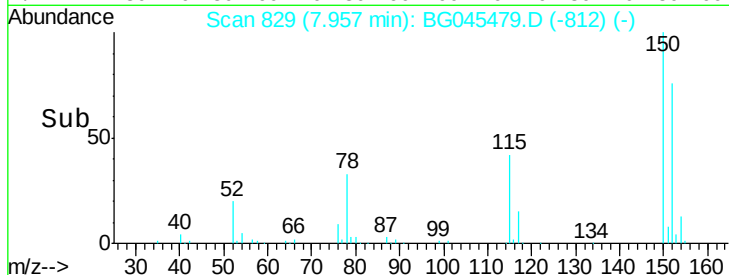
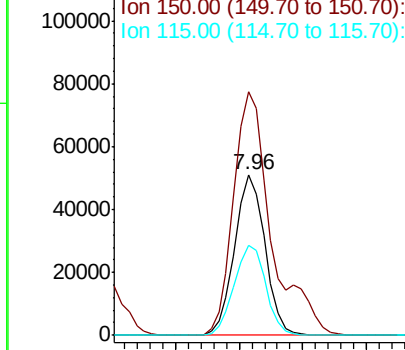


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

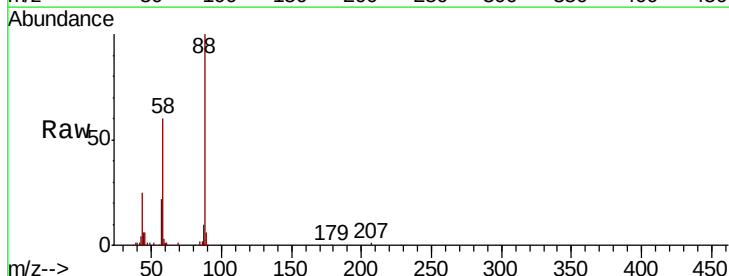
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.543 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.4	45.7	68.5
43	22.9	16.8	25.2

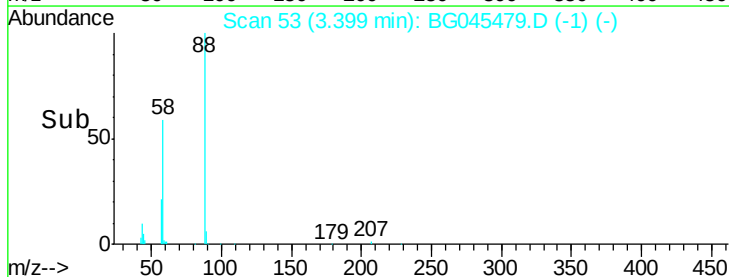
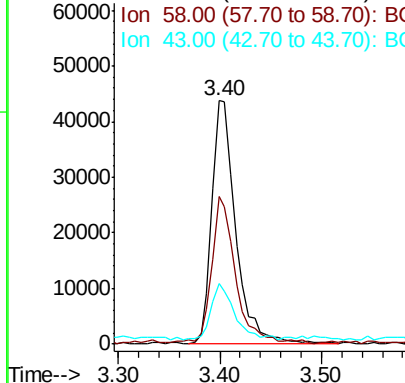


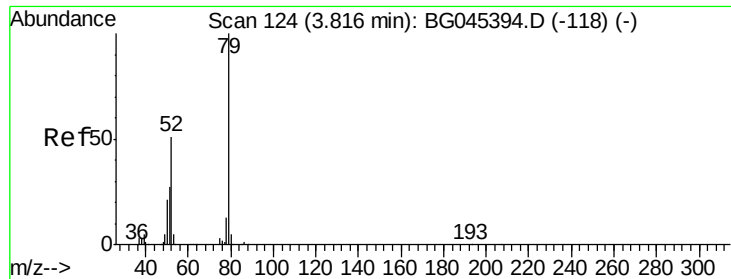
Abundance

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: 27.880 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

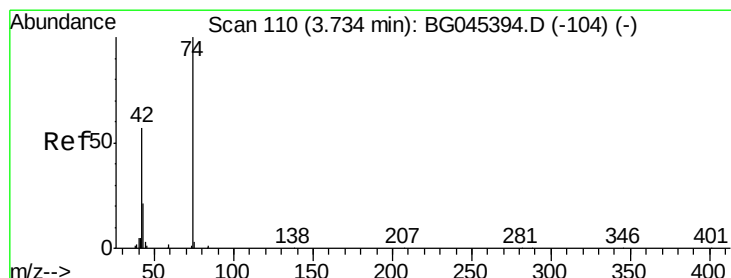
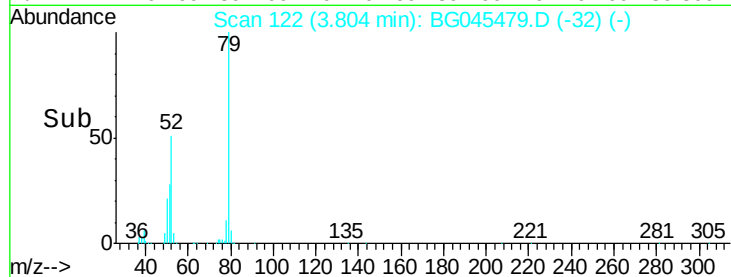
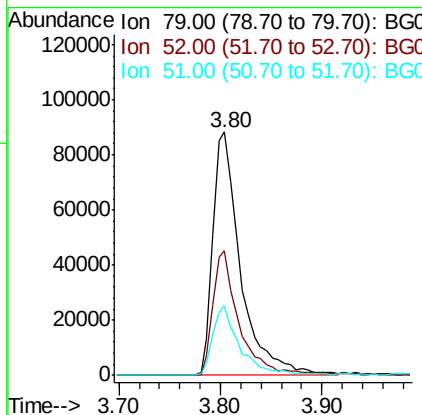
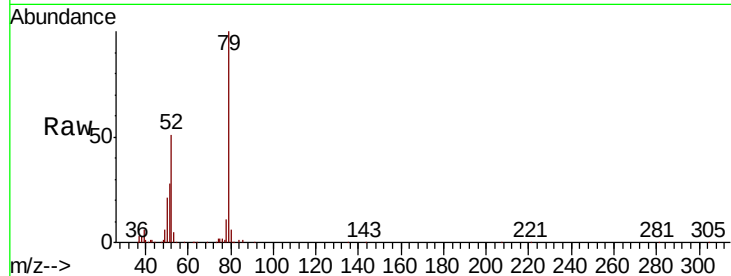
ClientSampleId :

370MSD

Tot Ion:	79	Resp:	166987
Ion	Ratio	Lower	Upper
79	100		
52	51.2	40.8	61.2
51	28.5	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 39.919 ng

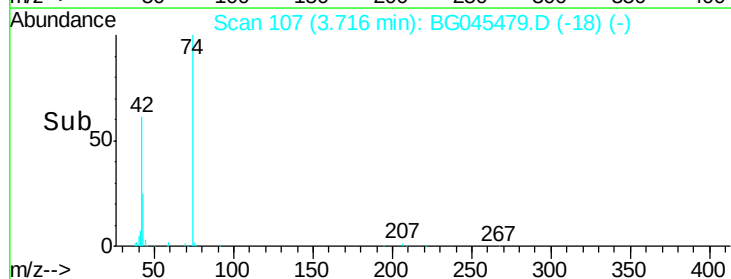
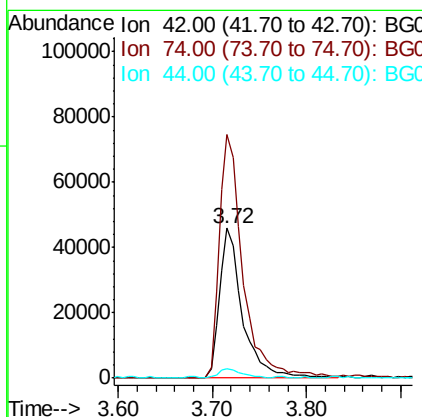
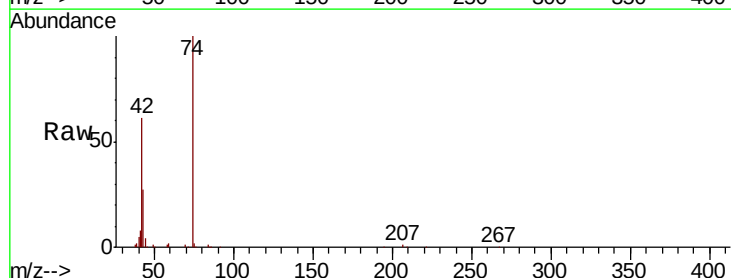
RT: 3.72 min Scan# 107

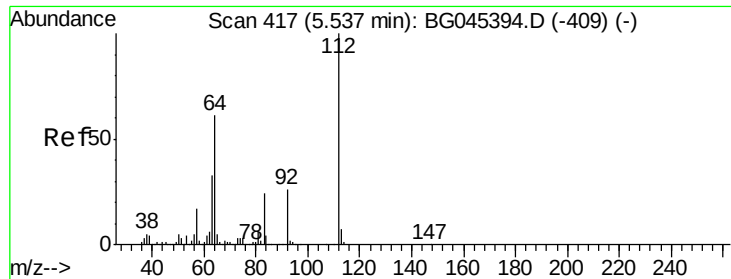
Delta R.T. -0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	42	Resp:	78239
Ion	Ratio	Lower	Upper
42	100		
74	162.6	141.3	211.9
44	6.2	4.2	6.4





#5

2-Fluorophenol

Concen: 120.195 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

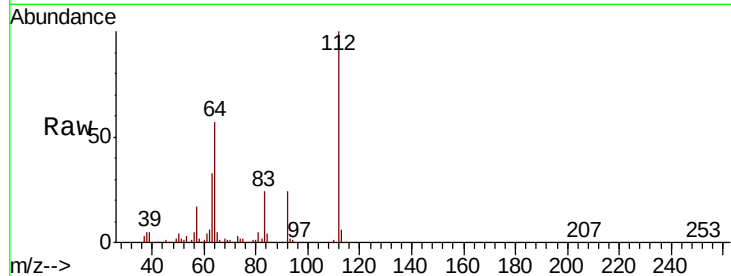
ClientSampleId :

370MSD

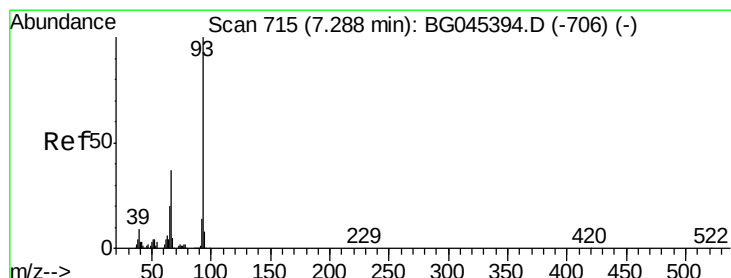
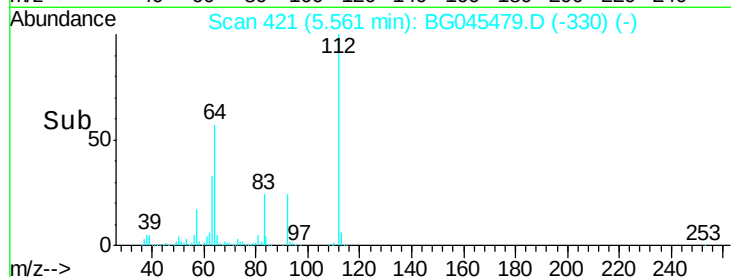
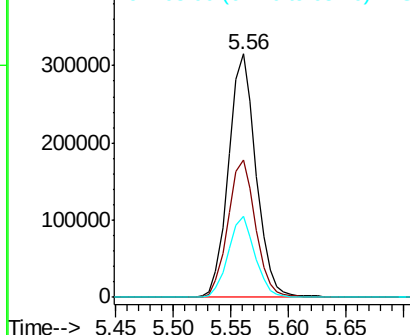
Tot Ion:	112	Resp:	521261
Ion Ratio	Lower	Upper	
112	100		
64	56.7	48.6	72.8
63	33.1	26.5	39.7

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



#6

Aniline

Concen: 20.237 ng

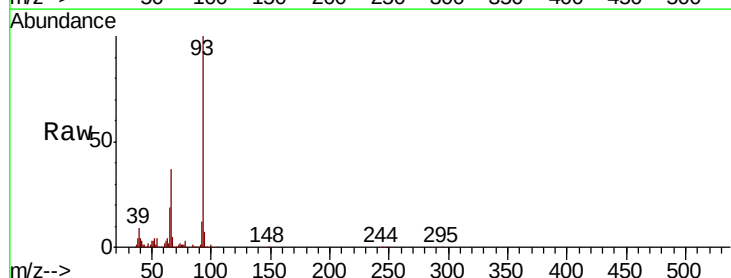
RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

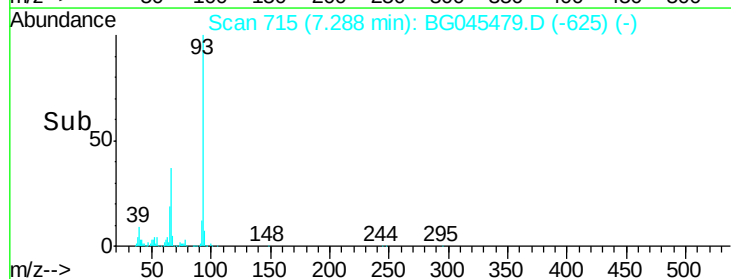
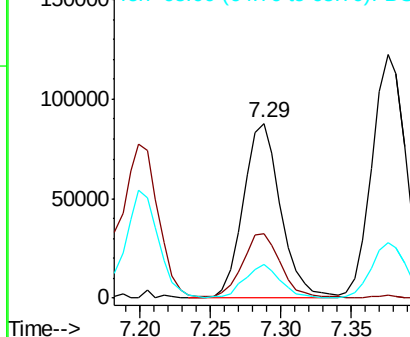
Lab File: BG045479.D

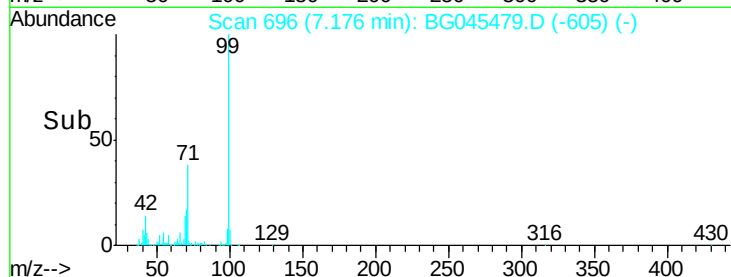
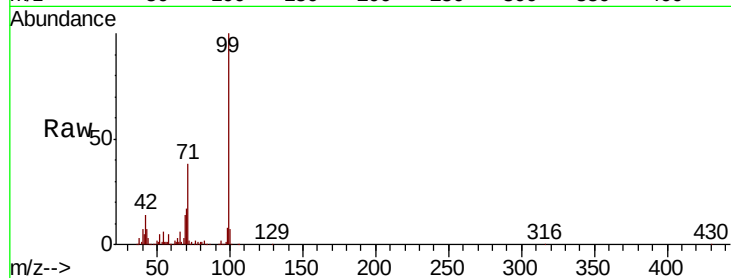
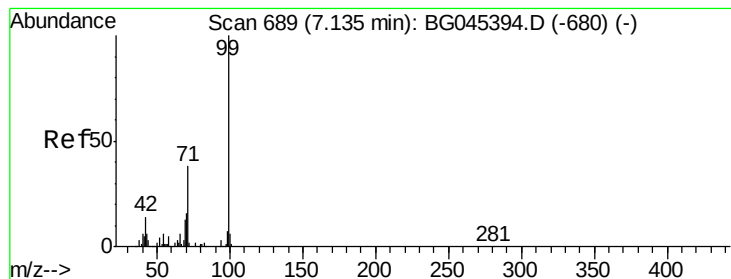
Acq: 27 May 2020 16:54

Tgt Ion:	93	Resp:	163068
Ion Ratio	Lower	Upper	
93	100		
66	37.1	29.6	44.4
65	19.0	15.9	23.9



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





#7

Phenol-d6

Concen: 121.406 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		749387		
42	13.7	11.3	16.9		
71	38.4	30.8	46.2		

Instrument :

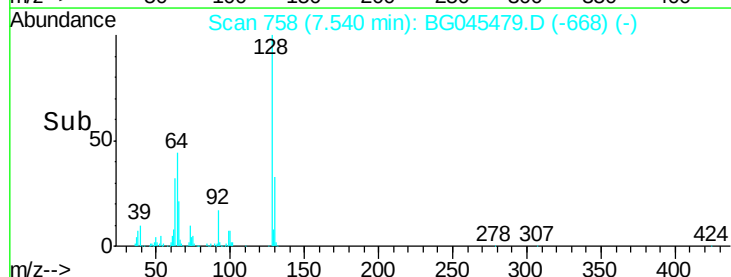
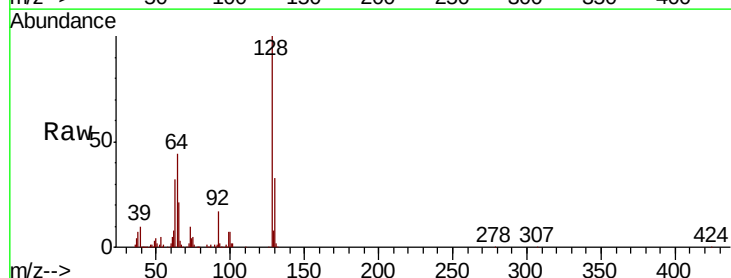
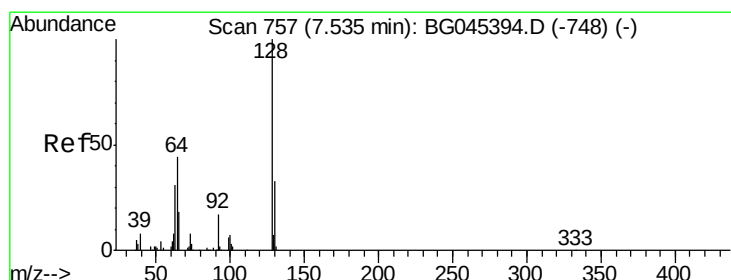
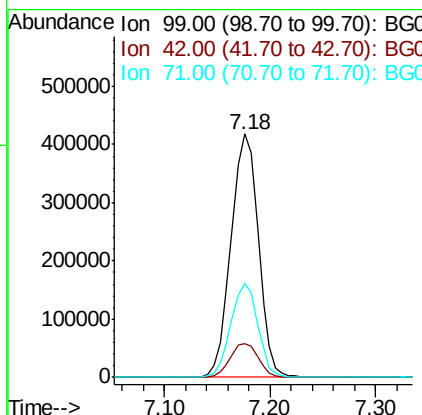
BNA_G

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#8

2-Chlorophenol

Concen: 47.031 ng

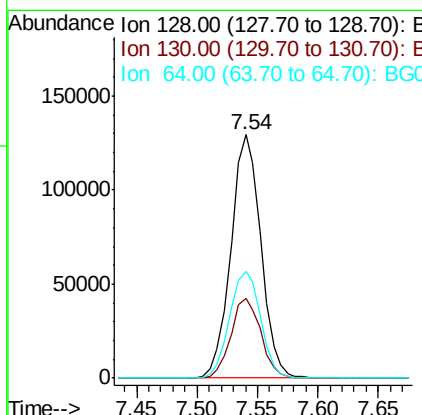
RT: 7.54 min Scan# 758

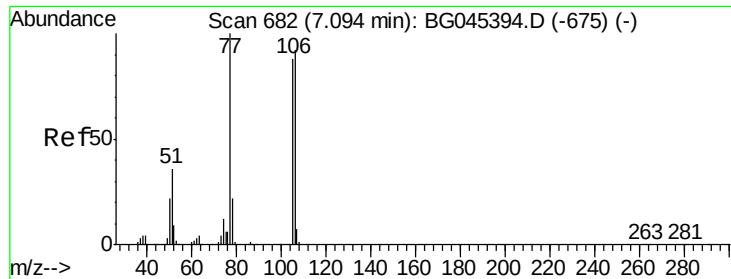
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		223670		
130	32.9	12.6	52.6		
64	43.8	27.0	67.0		





#9

Benzaldehyde

Concen: 36.095 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

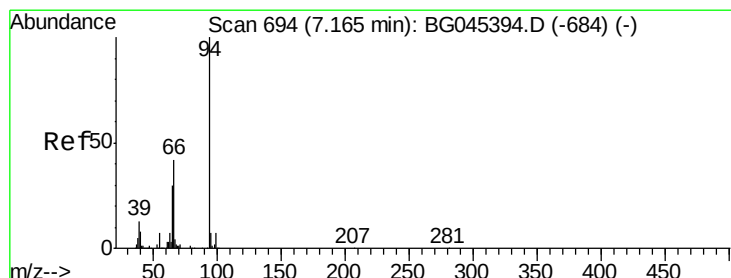
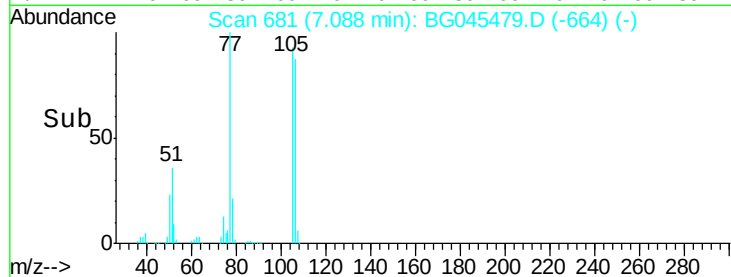
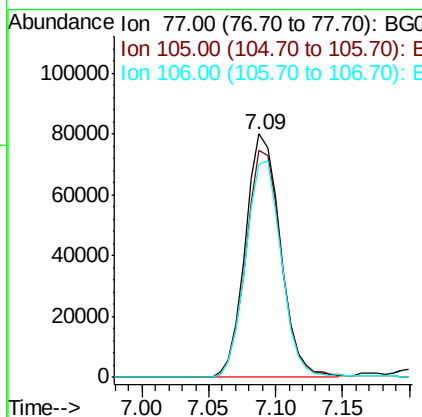
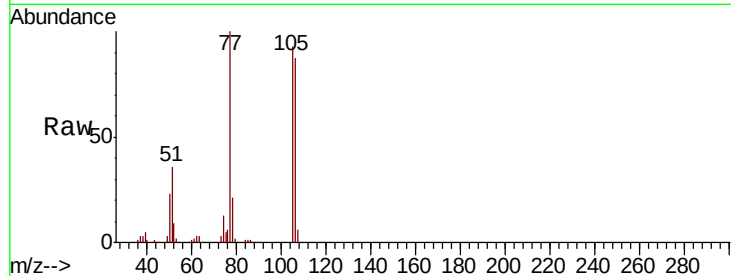
ClientSampled :

370MSD

Tot Ion:	77	Resp:	145160
Ion	Ratio	Lower	Upper
77	100		
105	93.2	68.5	108.5
106	87.3	71.6	111.6

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#10

Phenol

Concen: 47.694 ng

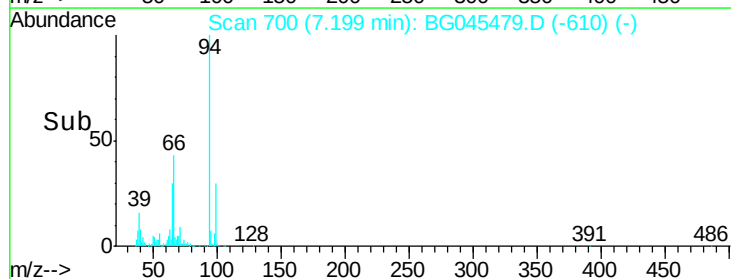
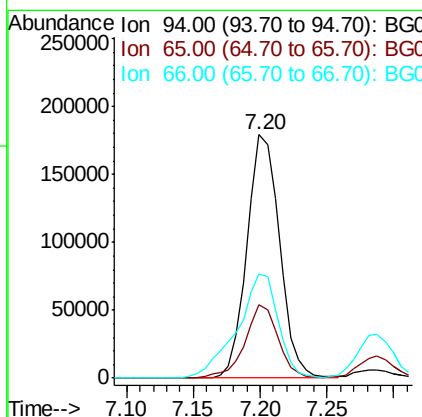
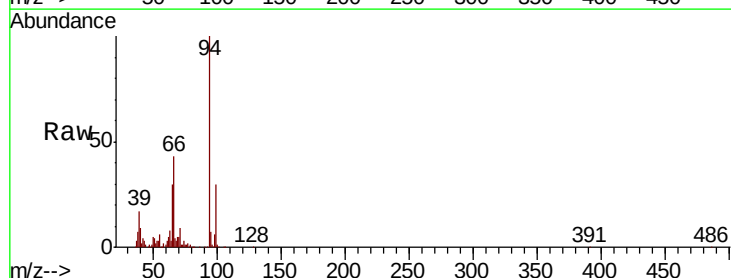
RT: 7.20 min Scan# 700

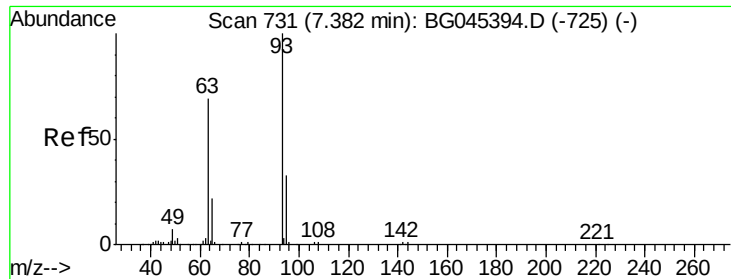
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	94	Resp:	303415
Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.8	49.8
66	43.0	22.0	62.0





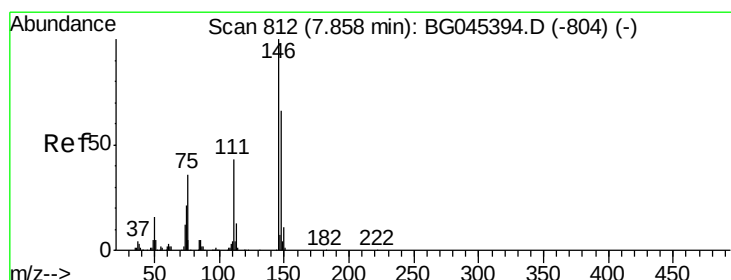
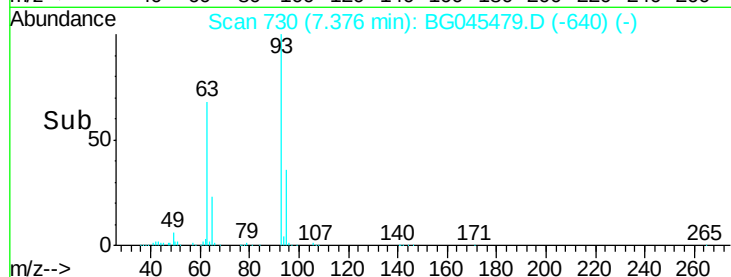
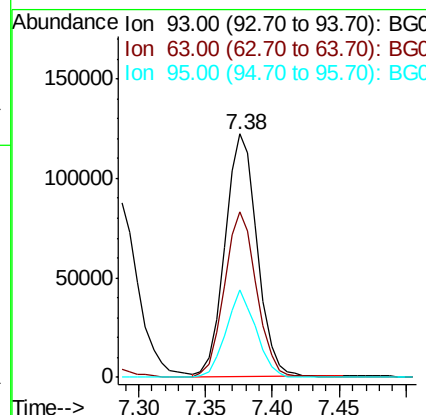
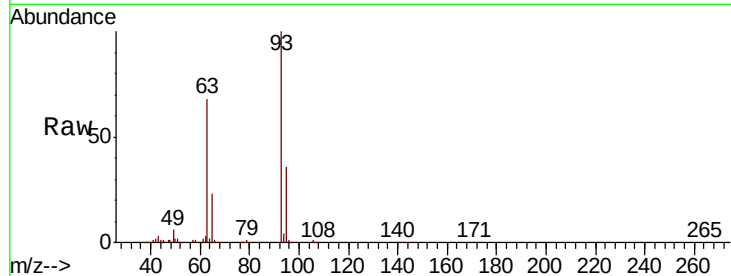
#11
bis(2-Chloroethyl)ether
Concen: 41.407 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion:	93	Resp:	205467
Ion Ratio	Lower	Upper	
93	100		
63	67.8	48.4	88.4
95	35.9	12.4	52.4

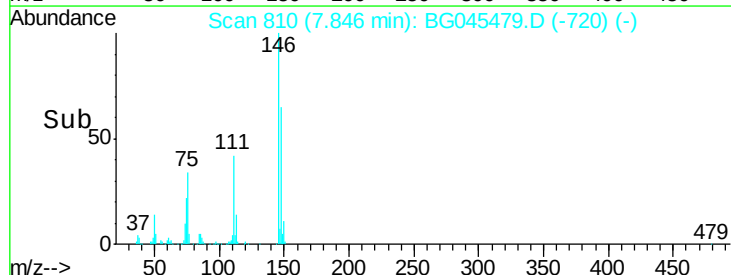
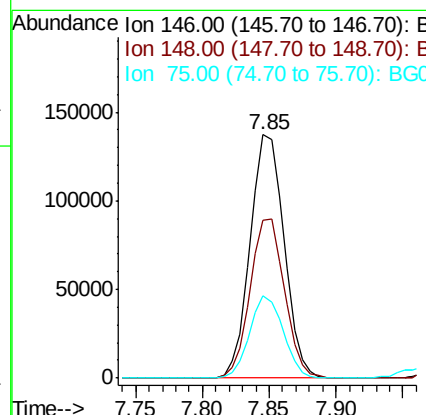
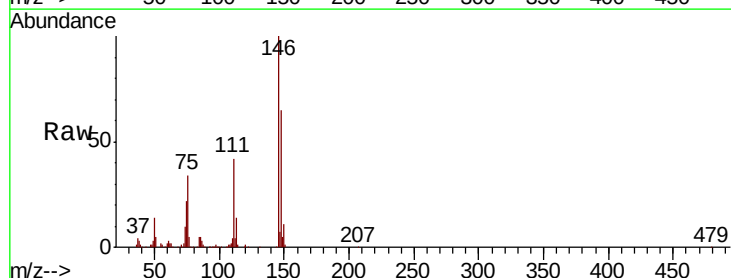
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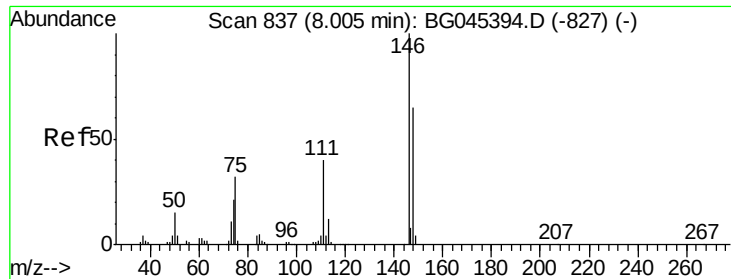
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.274 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:	146	Resp:	241604
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.2	79.8
75	33.8	28.6	43.0





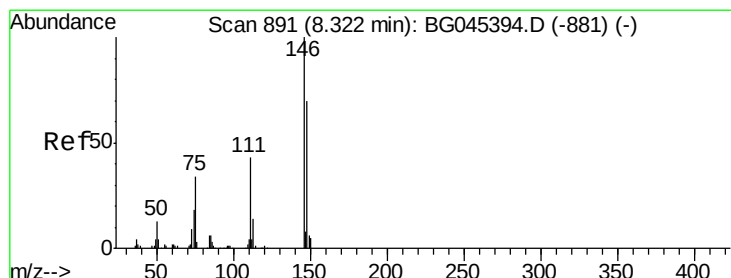
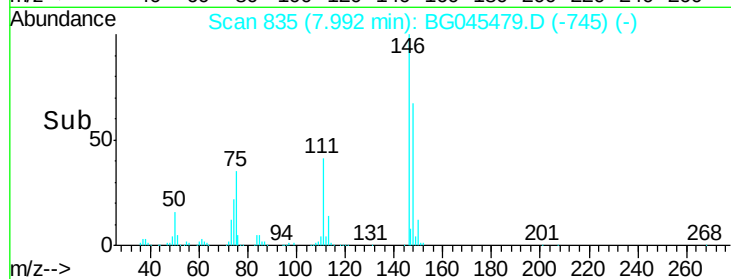
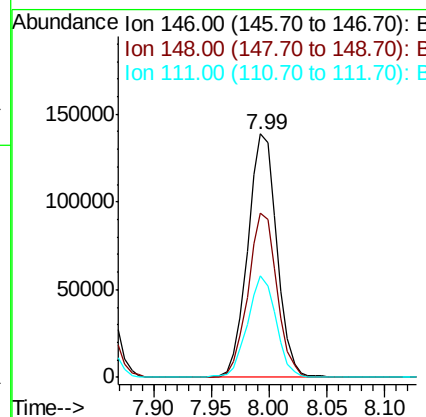
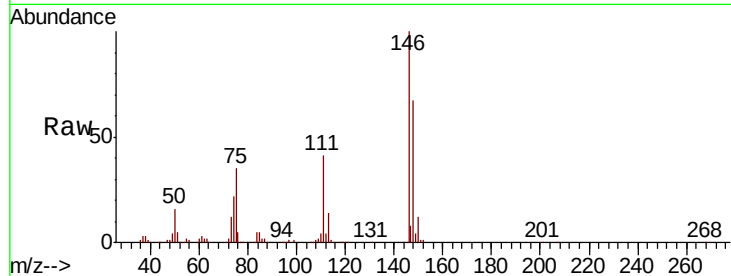
#13
 1,4-Dichlorobenzene
 Concen: 43.069 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.8
111	41.5	32.1	48.1

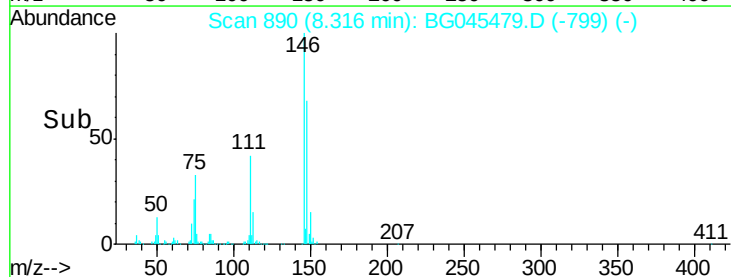
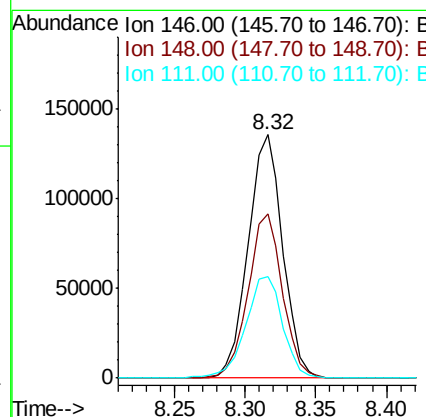
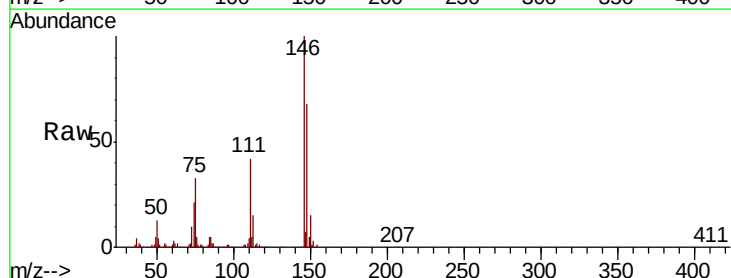
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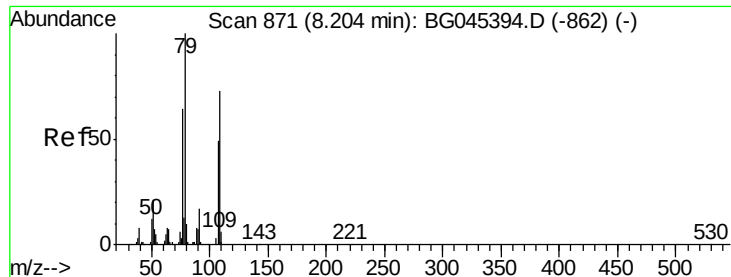
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.909 ng
 RT: 8.32 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	55.9	83.9
111	41.9	35.0	52.4





#15

Benzyl Alcohol

Concen: 45.469 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

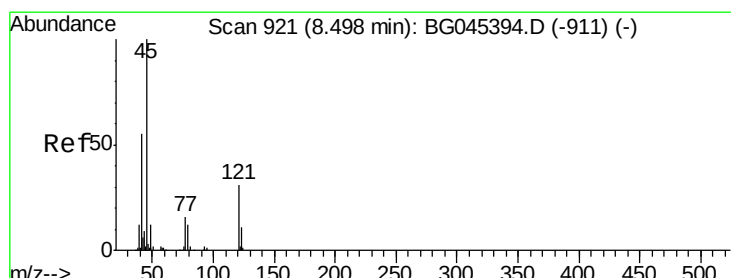
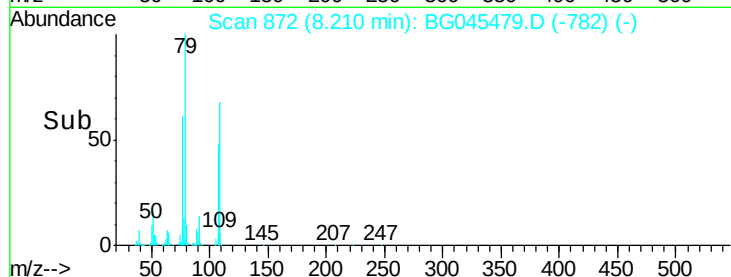
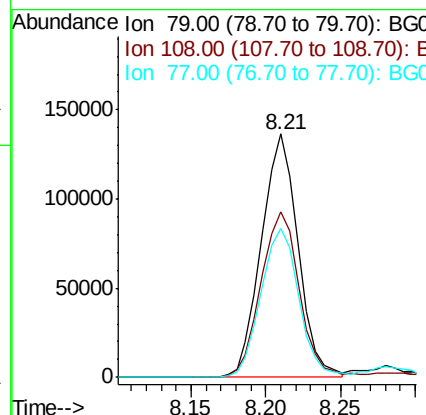
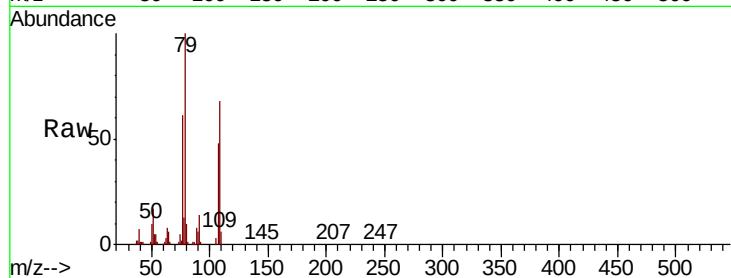
ClientSampleId :

370MSD

Tot Ion:	79	Resp:	231853
Ion Ratio	Lower	Upper	
79	100		
108	67.8	58.2	87.4
77	61.3	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.054 ng

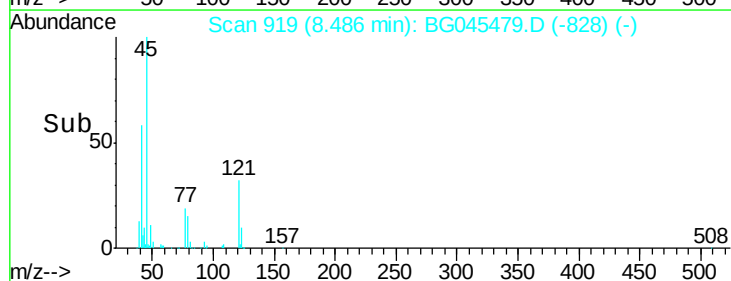
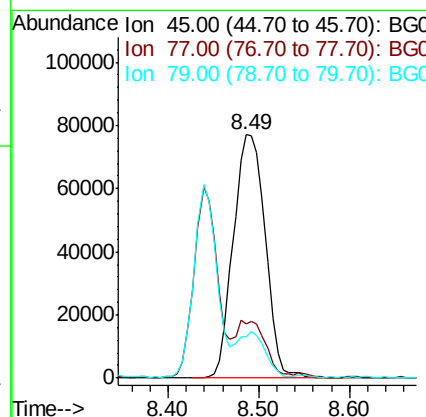
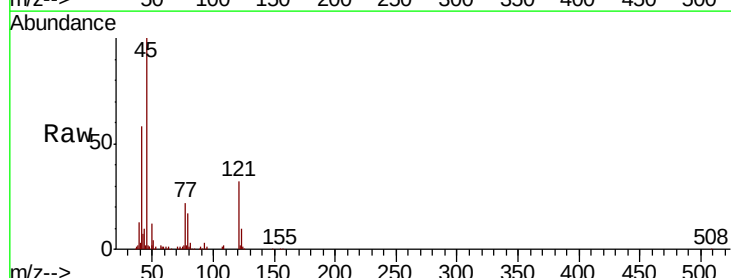
RT: 8.49 min Scan# 919

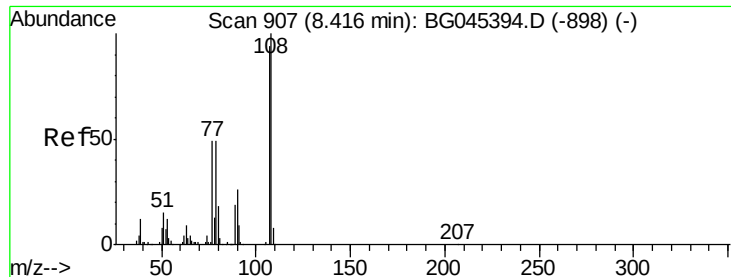
Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	45	Resp:	188663
Ion Ratio	Lower	Upper	
45	100		
77	22.0	4.0	44.0
79	16.8	0.0	38.6





#17

2-Methylphenol

Concen: 43.480 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

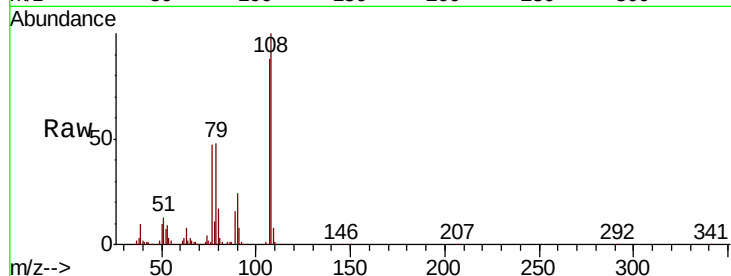
ClientSampleId :

370MSD

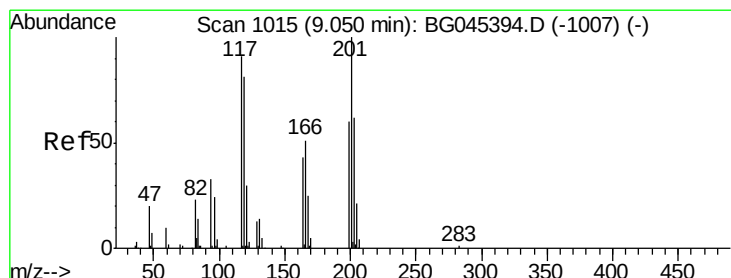
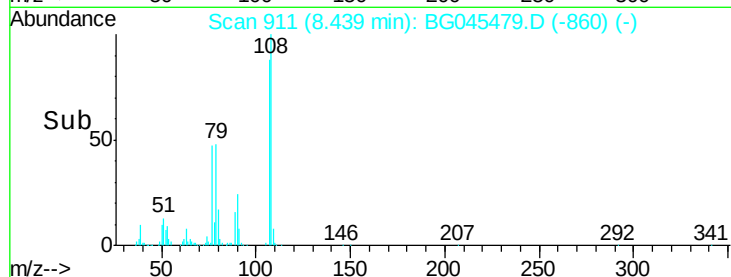
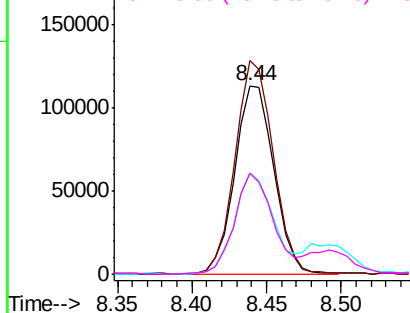
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.4	85.2	127.8		
77	53.4	41.6	62.4		
79	54.0	41.8	62.8		

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 44.559 ng

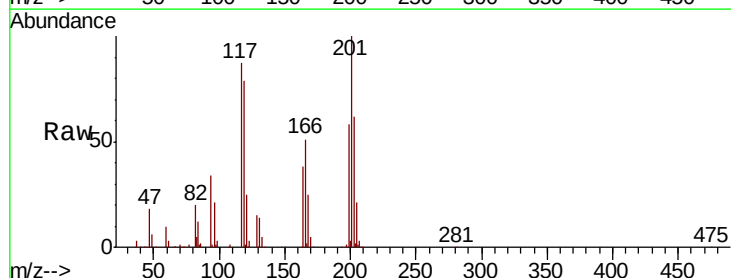
RT: 9.04 min Scan# 1014

Delta R.T. -0.00 min

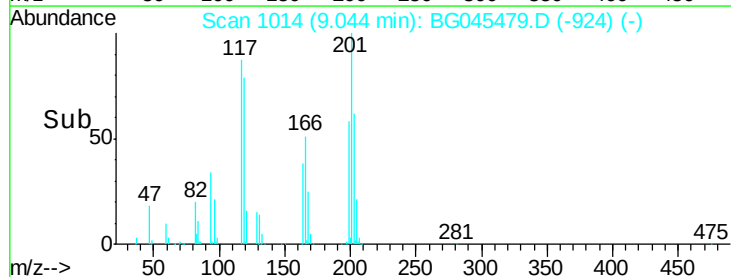
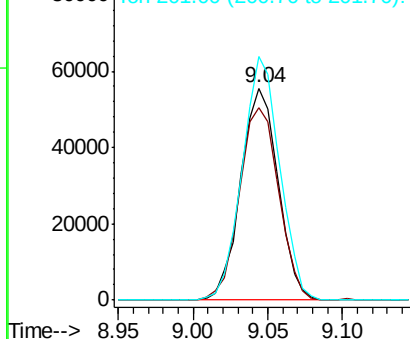
Lab File: BG045479.D

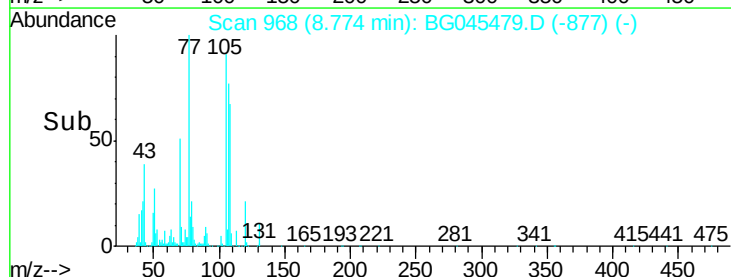
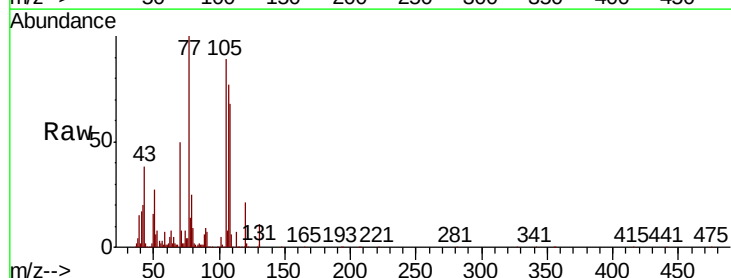
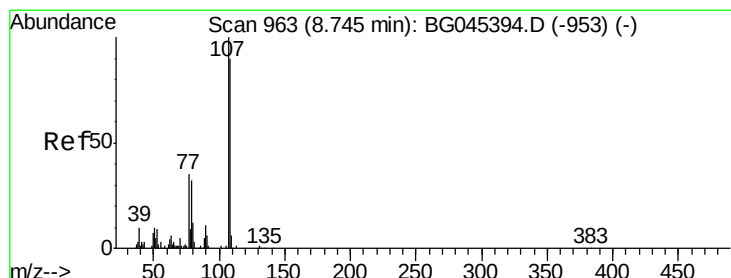
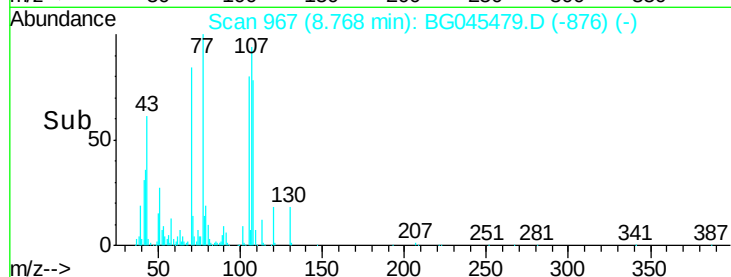
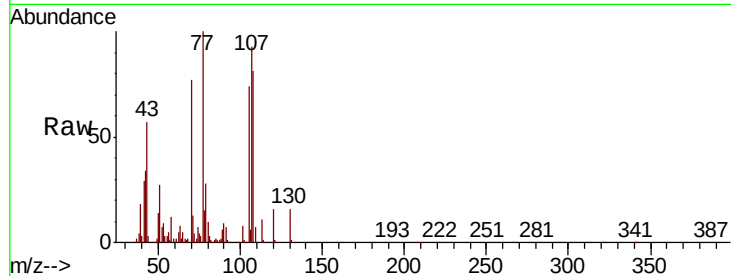
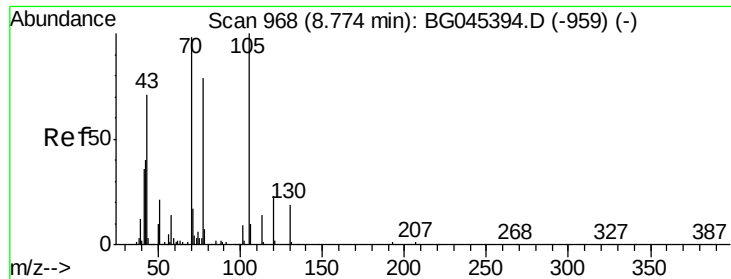
Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	90.8	71.3	106.9		
201	115.0	87.5	131.3		



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





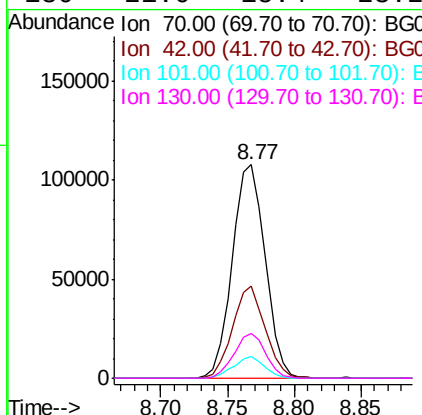
#19
n-Nitroso-di-n-propylamine
Concen: 43.280 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.4	33.2	49.8		
101	10.5	7.8	11.6		
130	21.0	15.4	23.2		

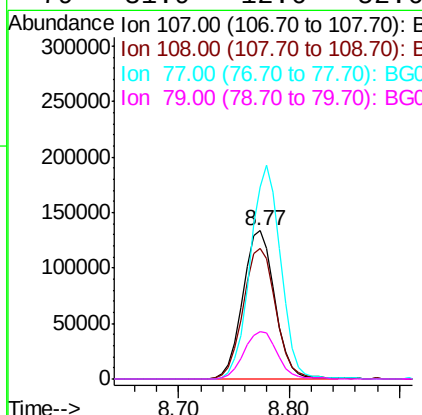
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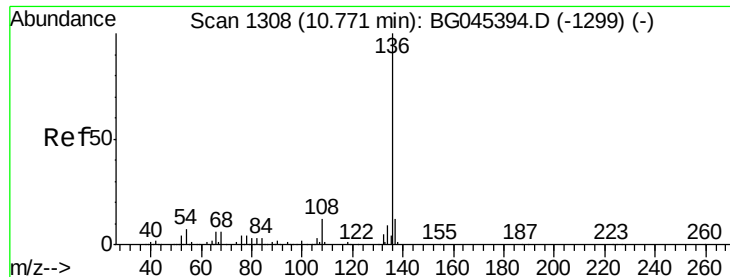
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#20
3+4-Methylphenols
Concen: 42.315 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	70.3	110.3		
77	129.9	15.4	55.4		
79	31.9	12.6	52.6		





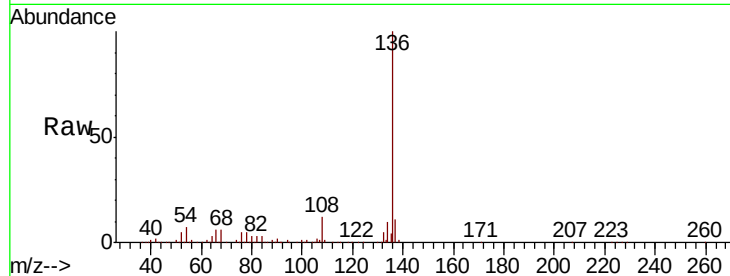
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampled :
370MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	346537		
137	11.3		9.4	14.2
54	6.8		5.8	8.6
68	5.5		4.5	6.7

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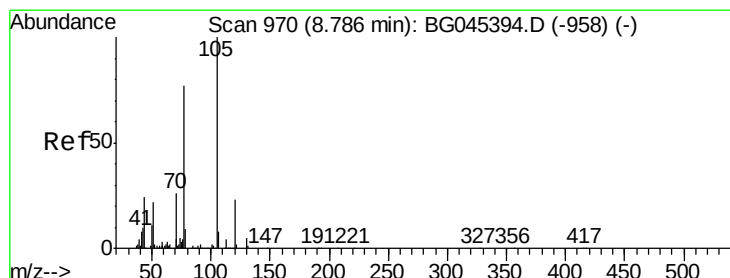
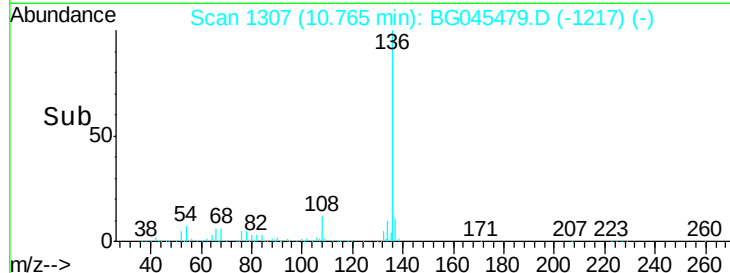
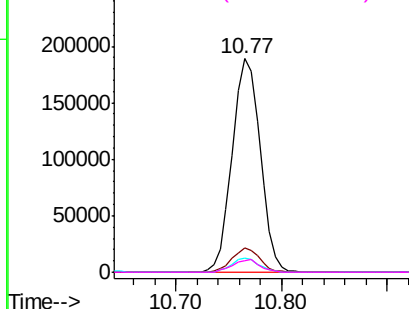
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.016 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	345094		
71	4.4		3.4	5.0
51	28.0		18.2	27.2
120	23.1		18.6	27.8

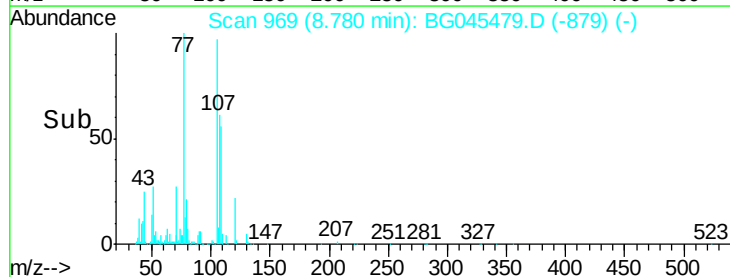
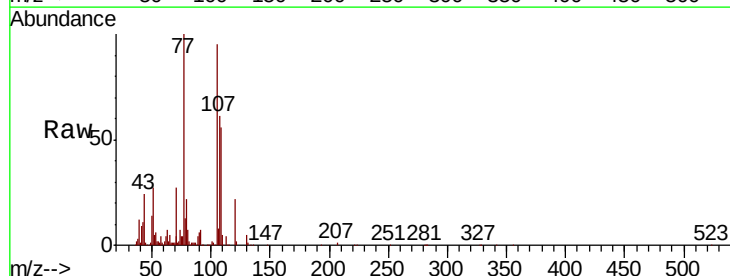
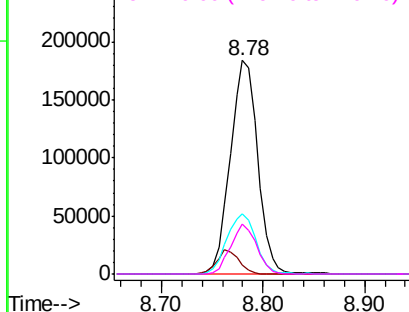
Abundance

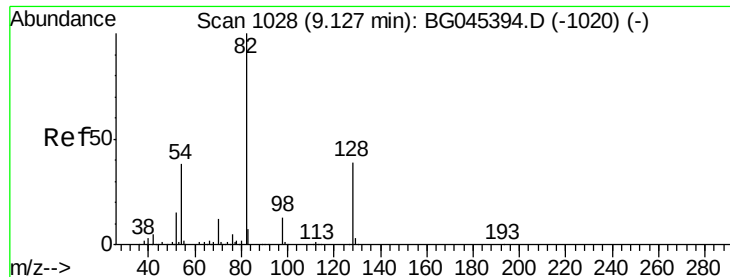
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





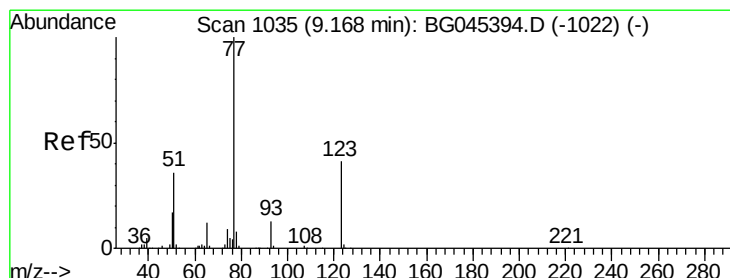
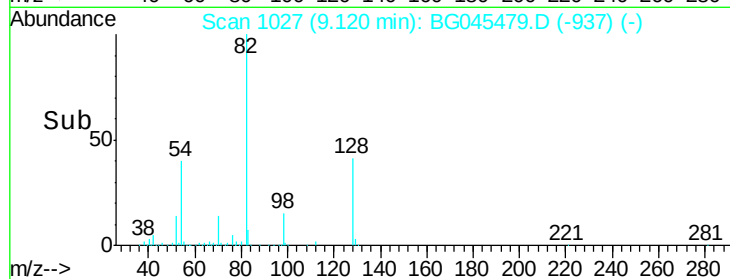
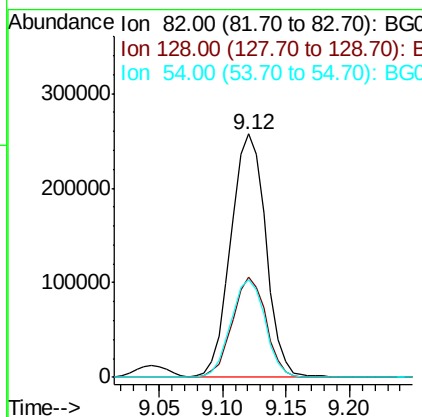
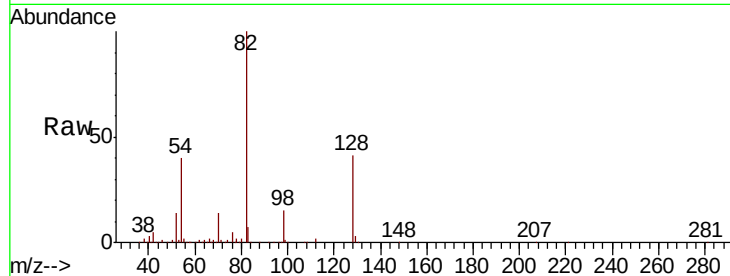
#23
 Nitrobenzene-d5
 Concen: 77.084 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	30.9	46.3	
54	40.3	30.3	45.5	

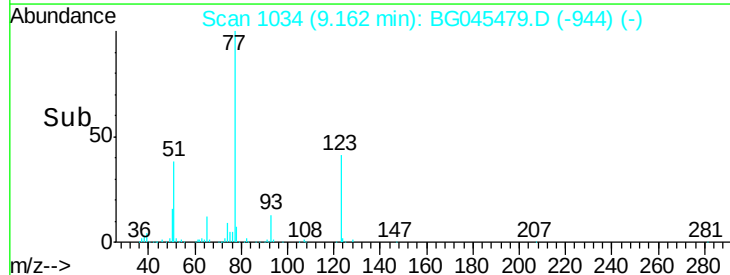
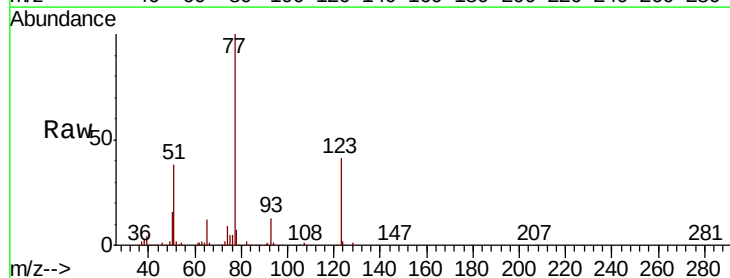
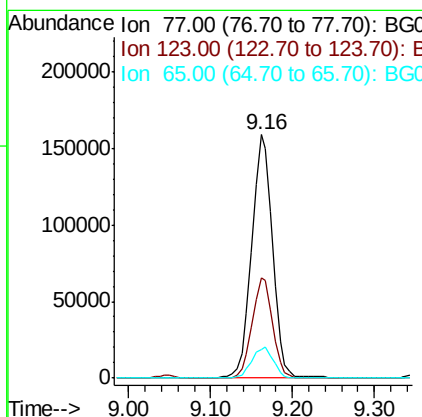
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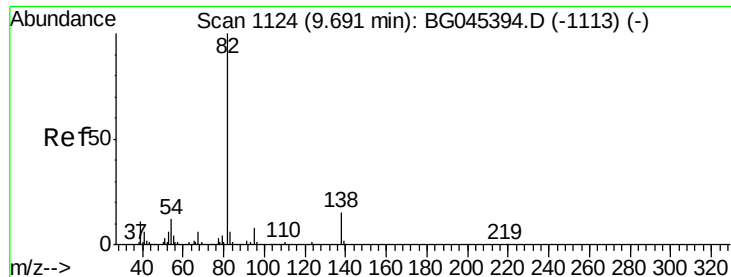
mohammad
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#24
 Nitrobenzene
 Concen: 41.446 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.2	32.9	49.3	
65	11.5	9.4	14.2	





#25

Isophorone

Concen: 41.393 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

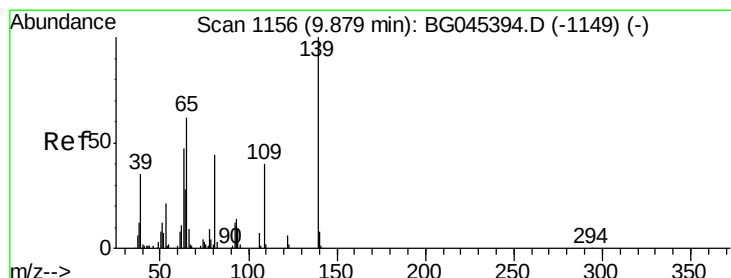
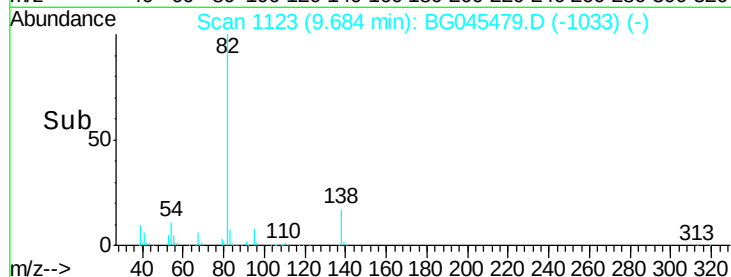
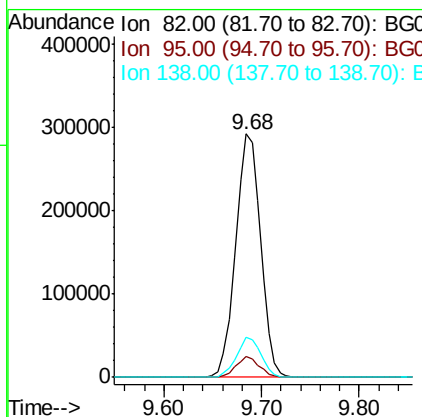
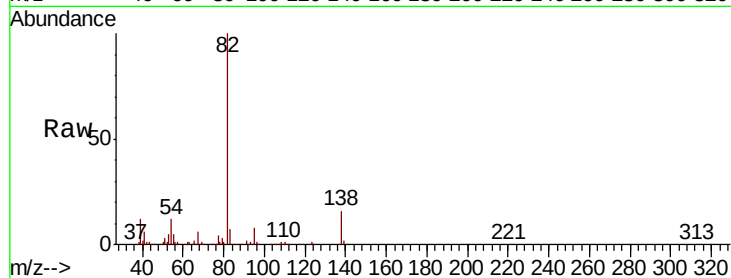
ClientSampleId :

370MSD

Tot Ion:	82	Resp:	518032
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	16.4	12.2	18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.051 ng

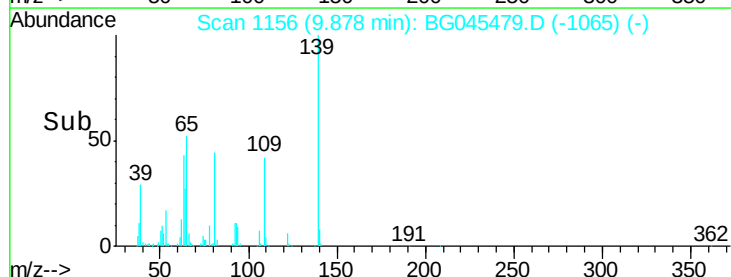
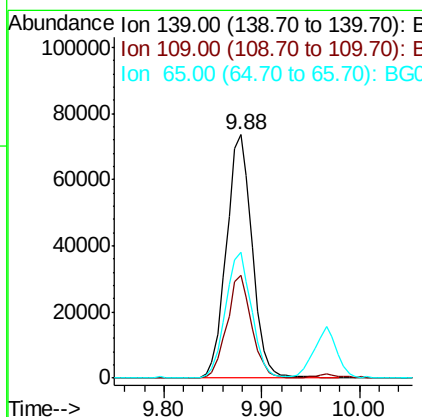
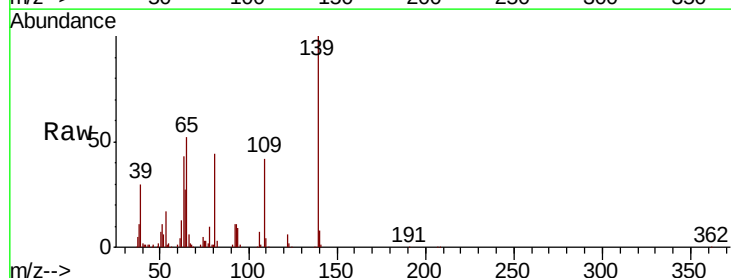
RT: 9.88 min Scan# 1156

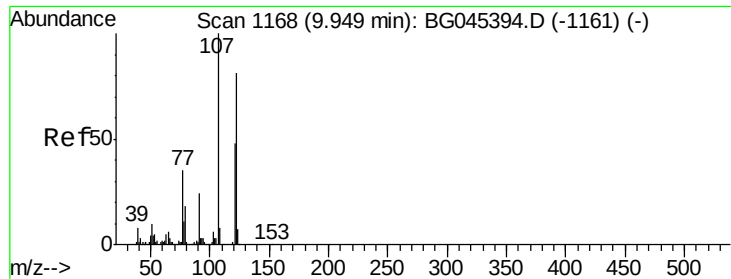
Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	139	Resp:	134127
Ion Ratio	Lower	Upper	
139	100		
109	42.1	32.2	48.4
65	51.9	49.6	74.4





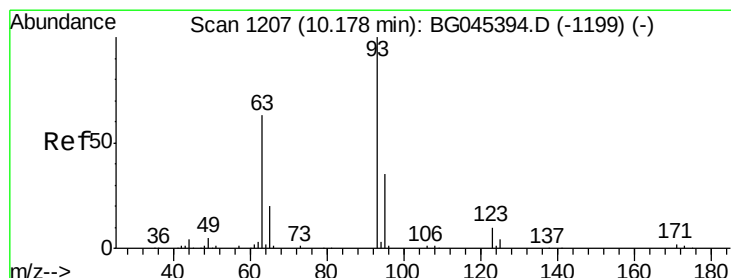
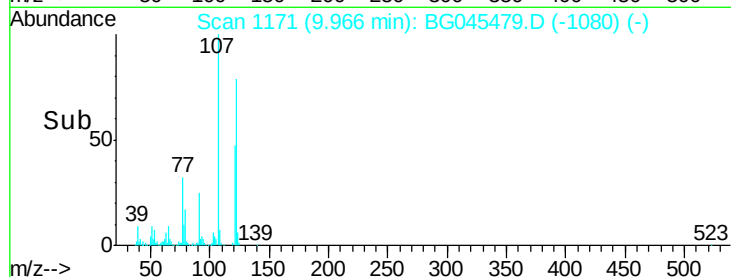
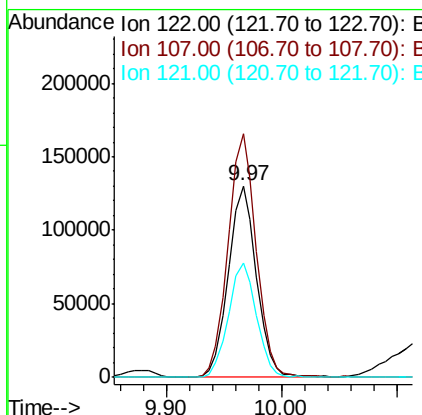
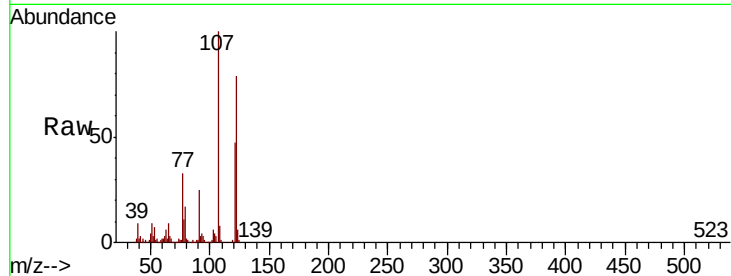
#27
 2,4-Dimethylphenol
 Concen: 50.851 ng
 RT: 9.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219668		
107	127.1	99.0	148.4	
121	59.7	47.7	71.5	

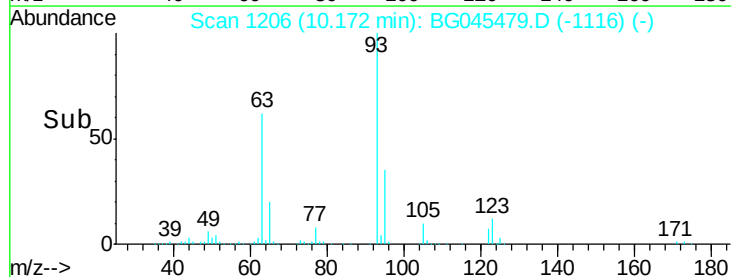
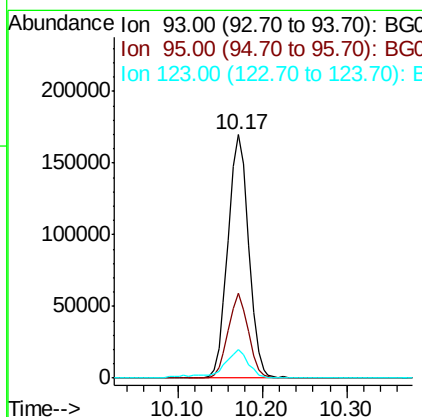
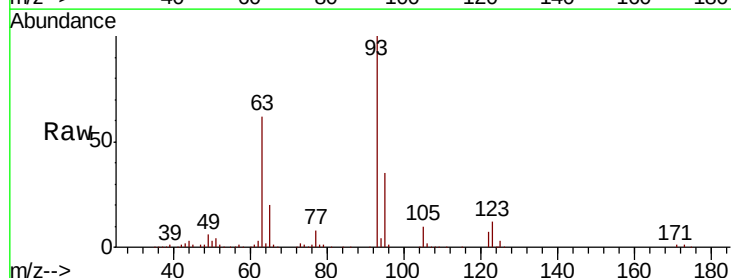
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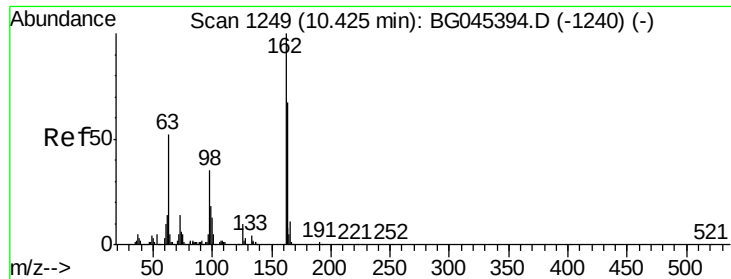
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.862 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	287878		
95	34.8	27.6	41.4	
123	11.7	8.1	12.1	





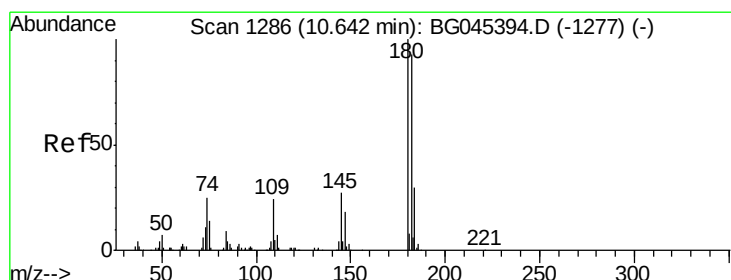
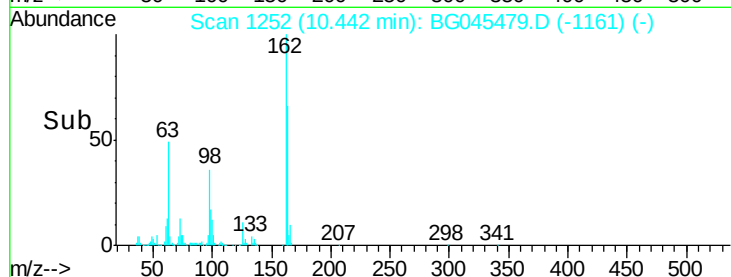
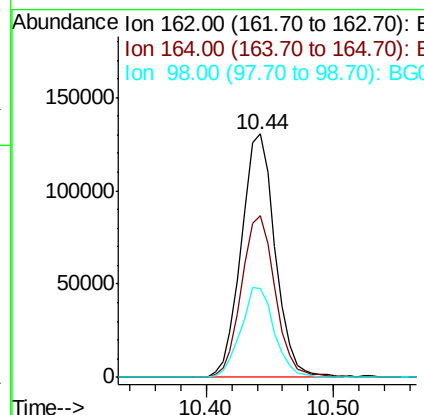
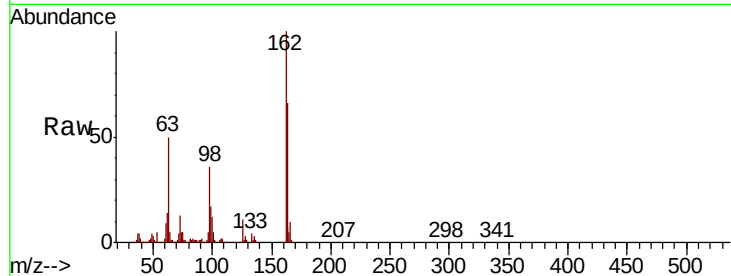
#29
 2,4-Dichlorophenol
 Concen: 47.446 ng
 RT: 10.44 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Tot Ion:	162	Resp:	242027
Ion Ratio		Lower	Upper
162	100		
164	66.4	46.8	86.8
98	36.4	15.2	55.2

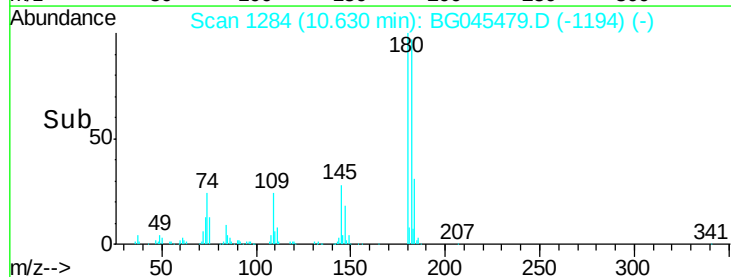
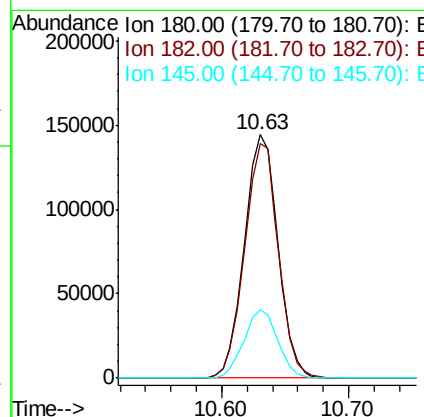
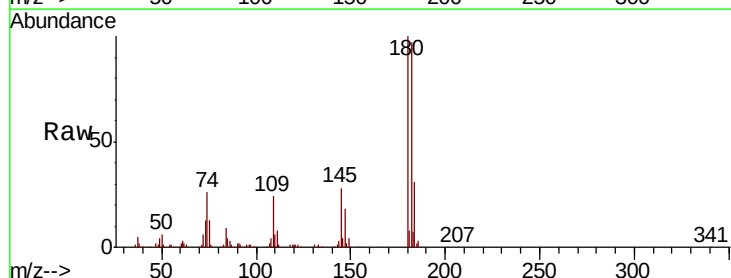
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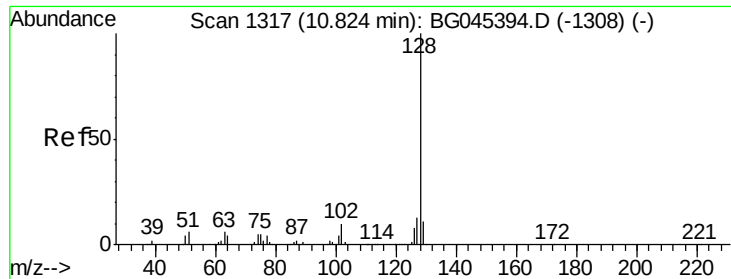
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.039 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion:	180	Resp:	265458
Ion Ratio		Lower	Upper
180	100		
182	96.6	74.8	112.2
145	28.0	21.9	32.9





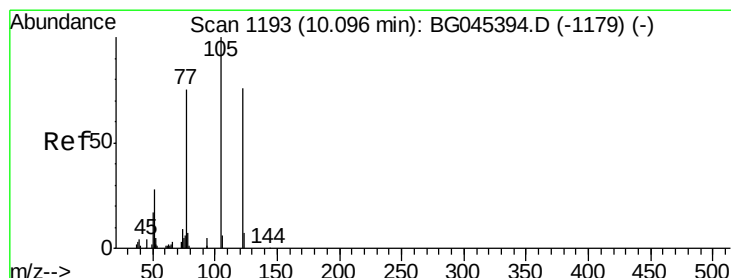
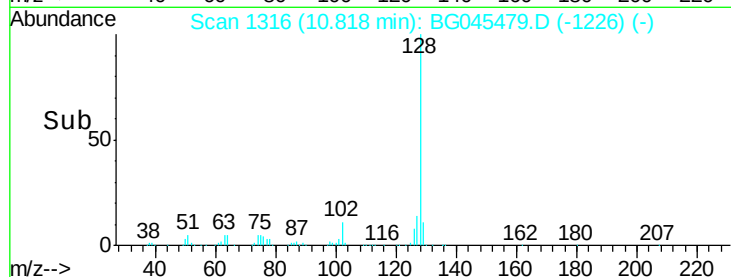
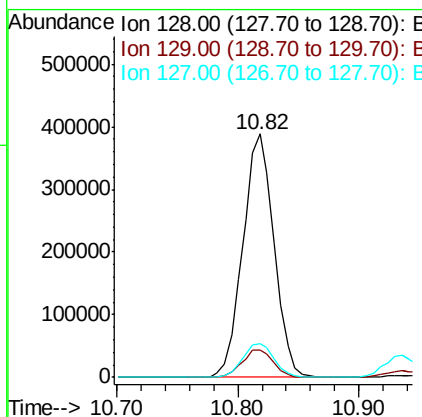
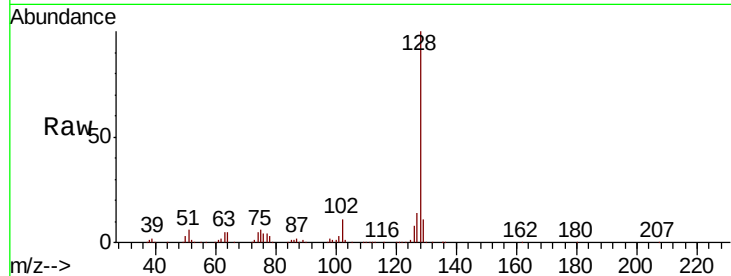
#31
Naphthalene
Concen: 43.320 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	699550		
129	11.5	9.0	13.6	
127	13.6	10.7	16.1	

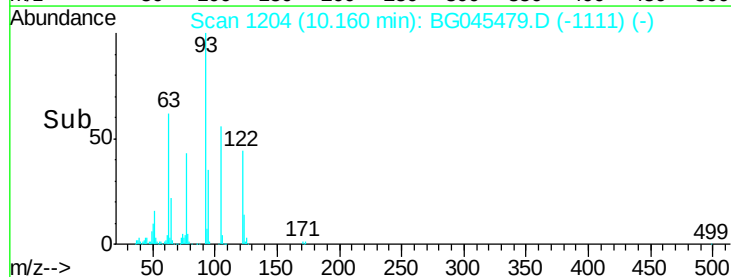
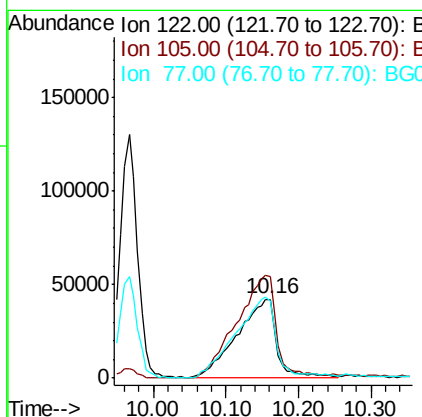
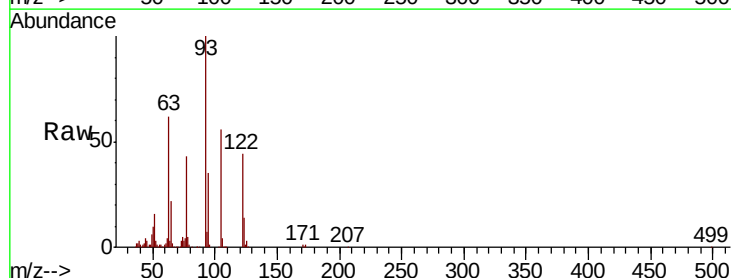
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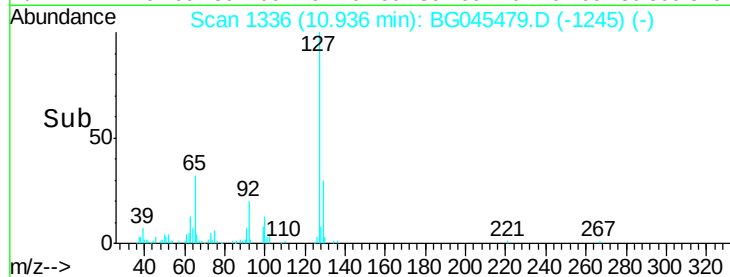
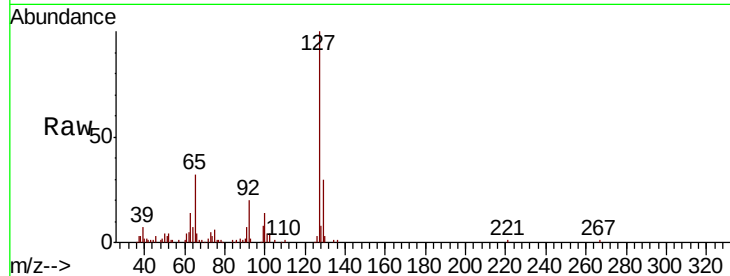
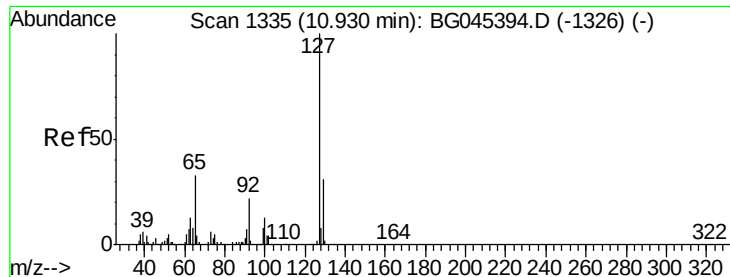
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#32
Benzoic acid
Concen: 52.117 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	156310		
105	128.7	107.9	147.9	
77	98.7	78.9	118.9	





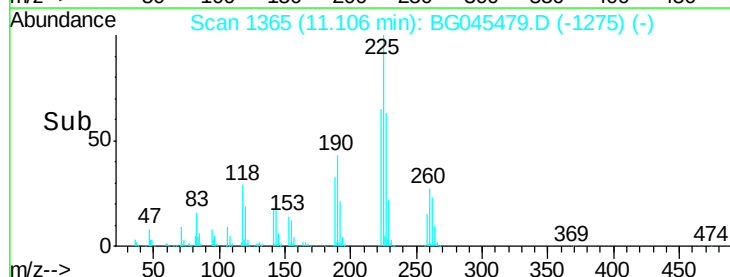
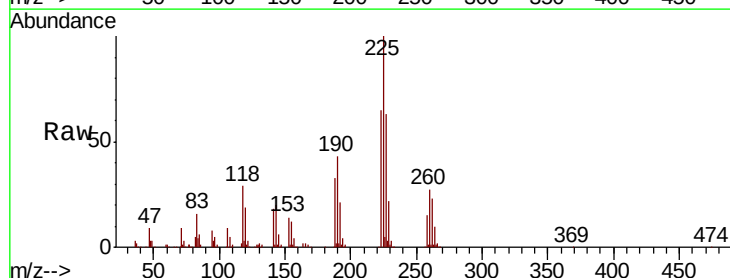
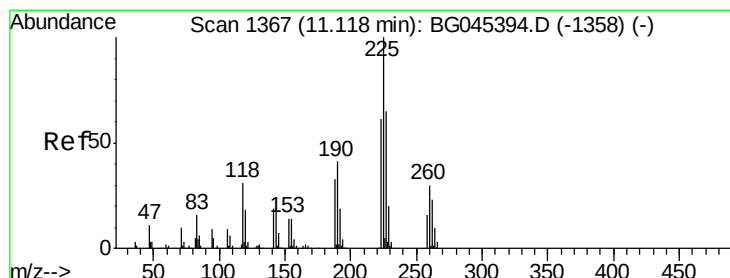
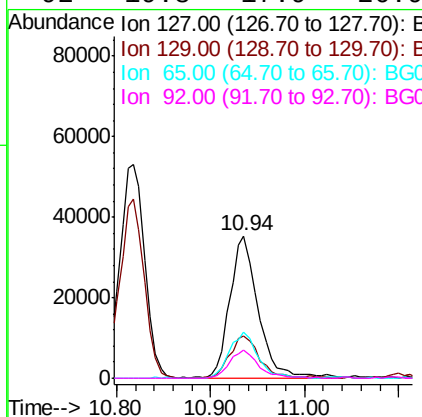
#33
4-Chloroaniline
Concen: 11.032 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		74465		
129	30.0	24.7	37.1		
65	32.0	26.2	39.2		
92	19.8	17.9	26.9		

Instrument :
BNA_G
ClientSampleId :
370MSD

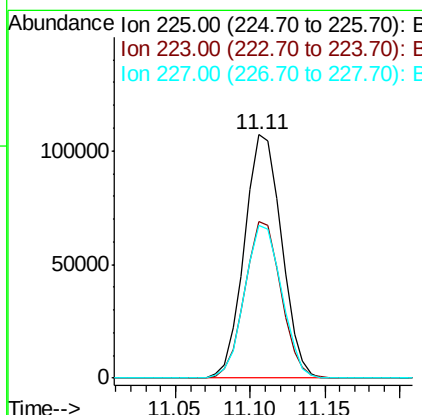
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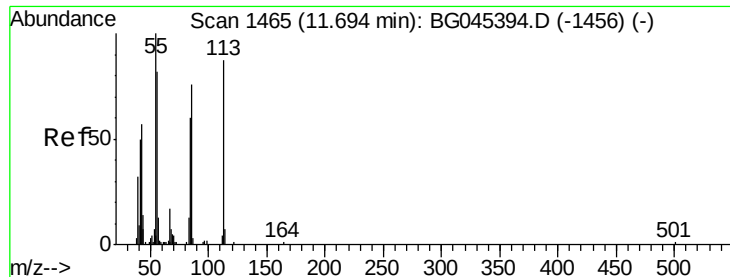
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#34
Hexachlorobutadiene
Concen: 43.283 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		184420		
223	64.6	49.1	73.7		
227	62.9	52.0	78.0		





#35

Caprolactam

Concen: 45.164 ng/mL

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

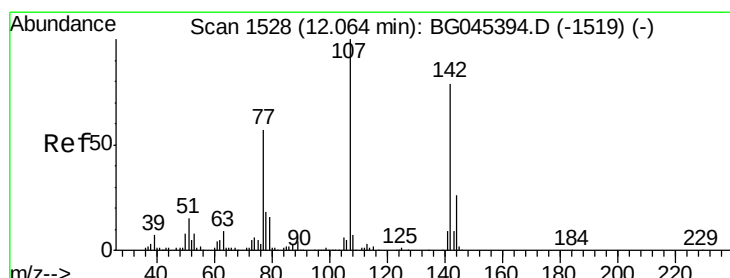
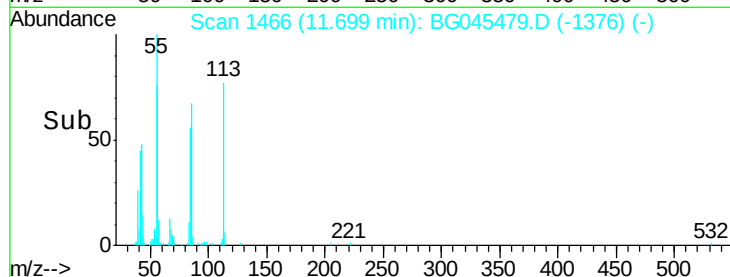
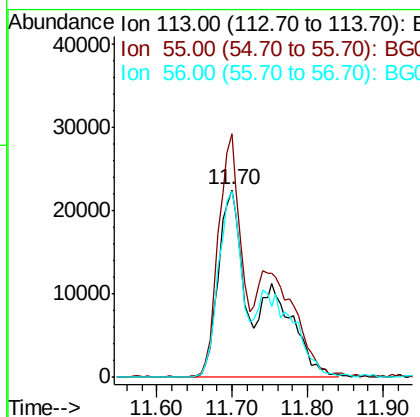
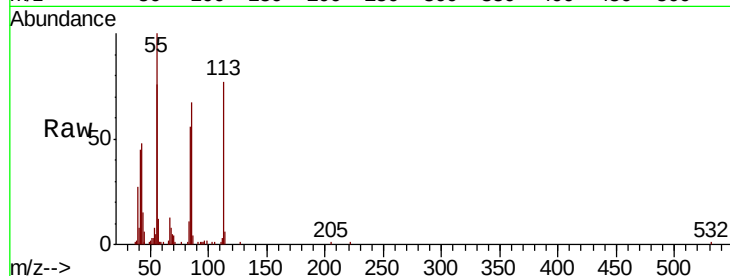
ClientSampleId :

370MSD

Tot Ion:	113	Resp:	84565
Ion Ratio	Lower	Upper	
113	100		
55	129.7	96.0	136.0
56	98.9	75.1	115.1

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#36

4-Chloro-3-methylphenol

Concen: 47.320 ng/mL

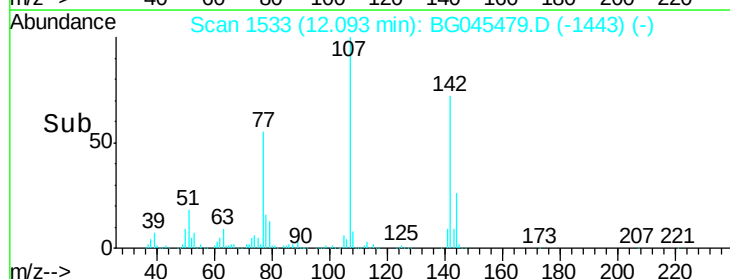
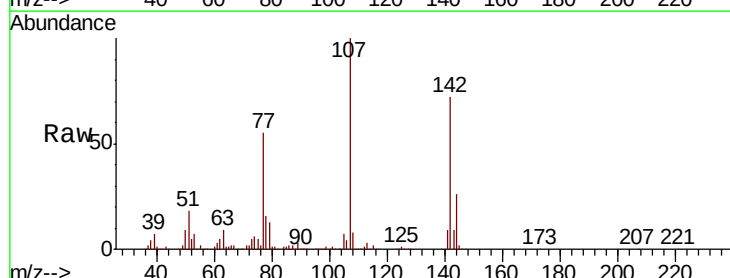
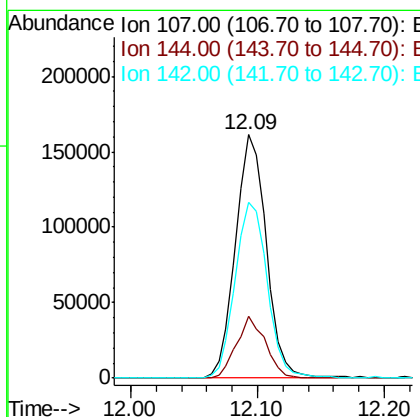
RT: 12.09 min Scan# 1533

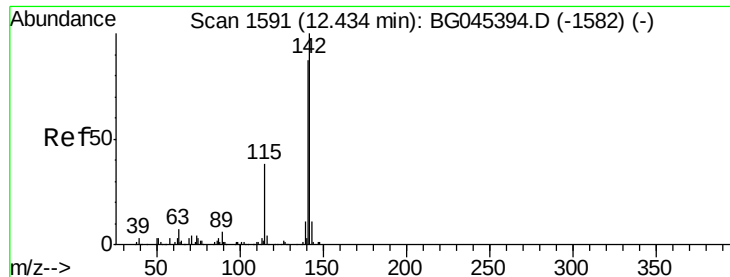
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	107	Resp:	272002
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.8	31.2
142	71.9	62.8	94.2





#37

2-Methylnaphthalene

Concen: 44.650 ng

RT: 12.43 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

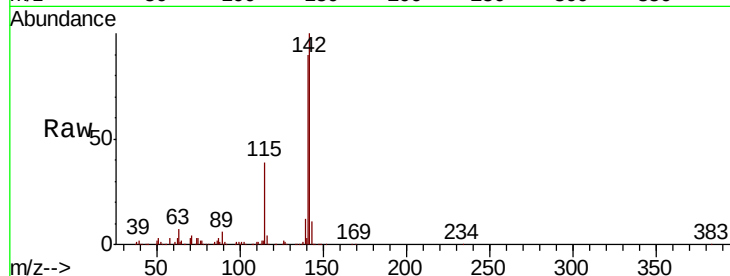
ClientSampleId :

370MSD

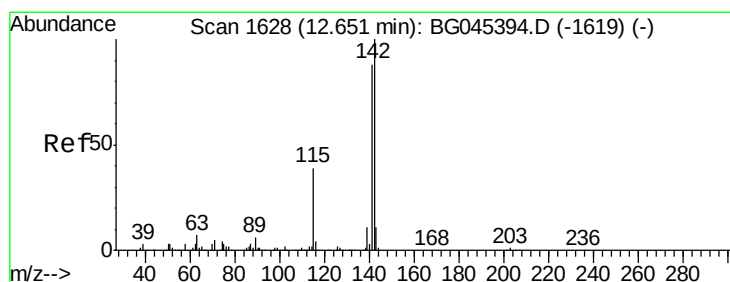
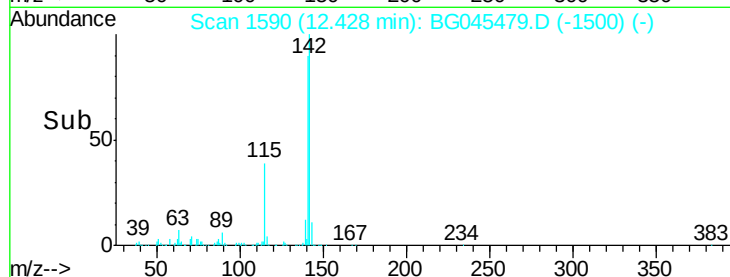
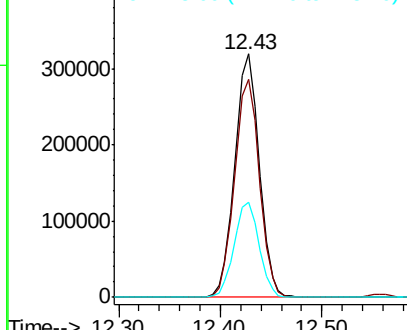
Tot Ion:	142	Resp:	537407
Ion Ratio	Lower	Upper	
142	100		
141	89.6	70.0	105.0
115	39.3	30.8	46.2

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.647 ng

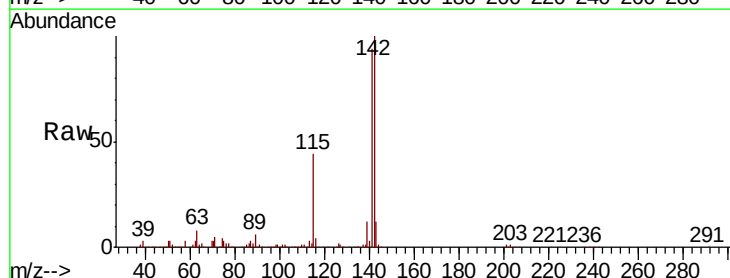
RT: 12.65 min Scan# 1627

Delta R.T. -0.00 min

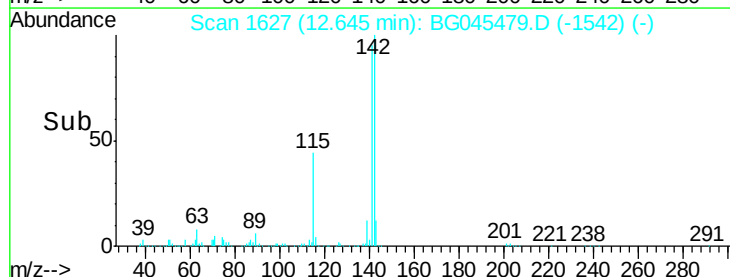
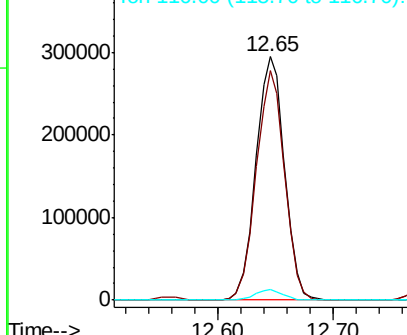
Lab File: BG045479.D

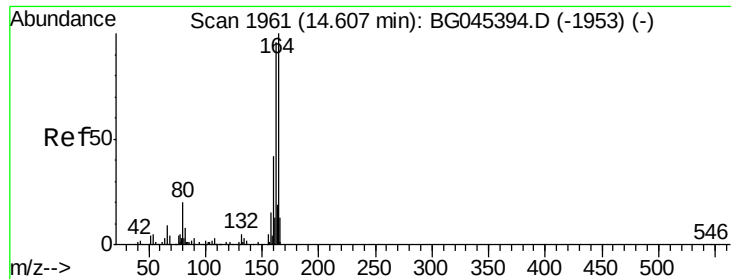
Acq: 27 May 2020 16:54

Tgt Ion:	142	Resp:	507618
Ion Ratio	Lower	Upper	
142	100		
141	94.3	70.8	106.2
116	4.5	3.0	4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





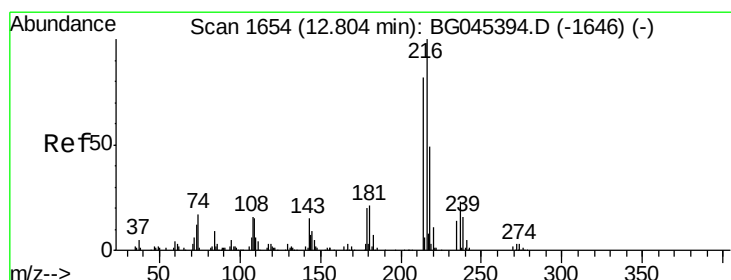
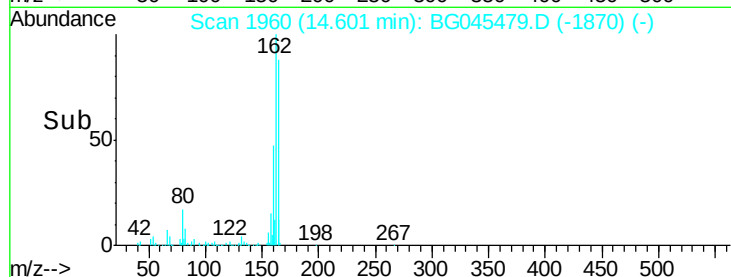
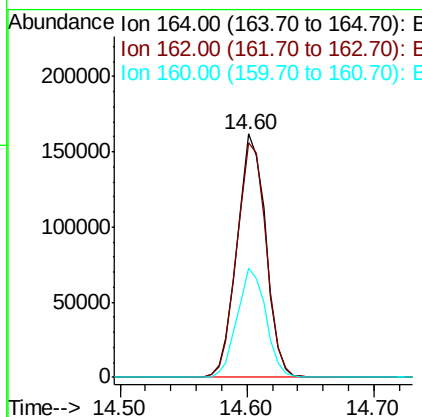
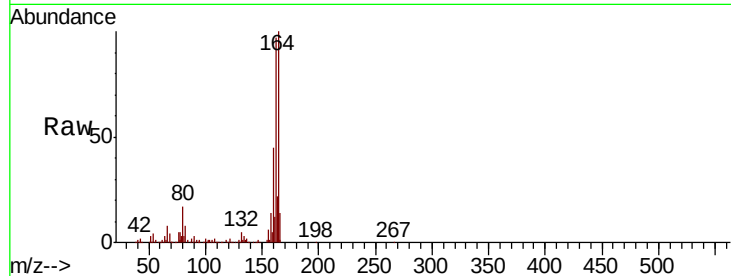
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.6	76.9	115.3
160	45.0	33.8	50.8

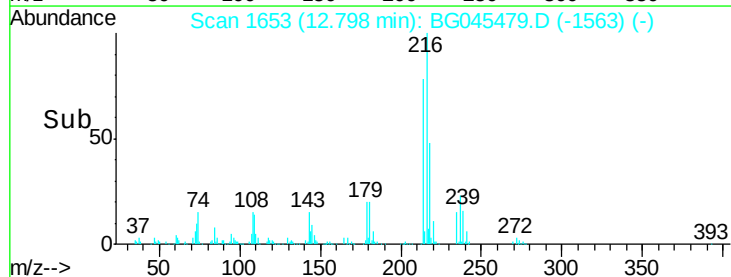
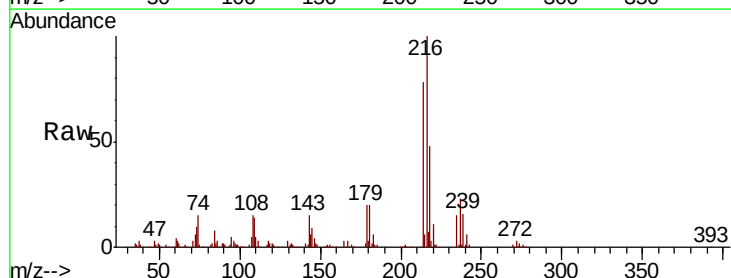
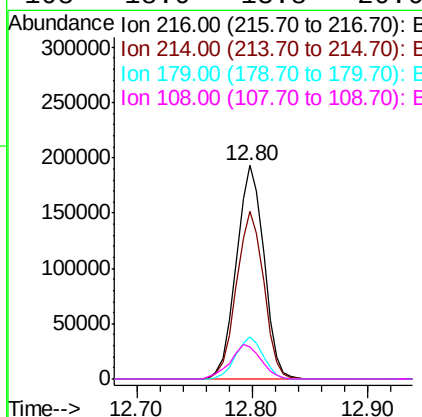
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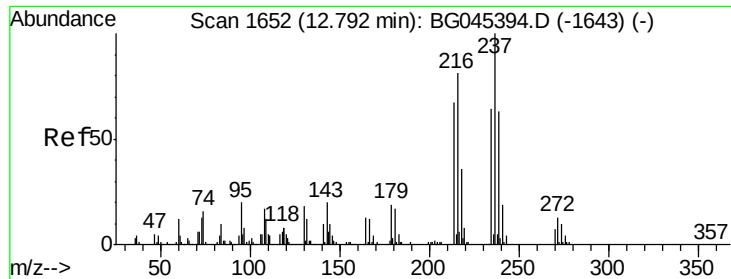
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.181 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.7	95.5
179	19.7	16.1	24.1
108	18.0	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 73.158 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

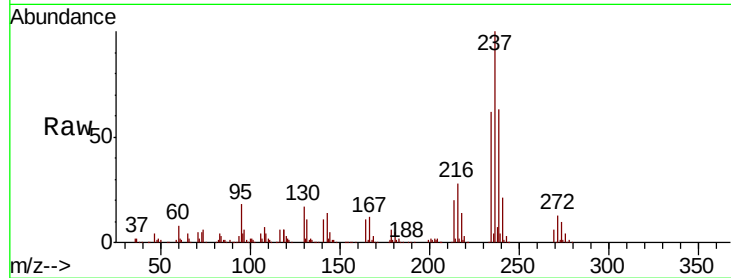
ClientSampleId :

370MSD

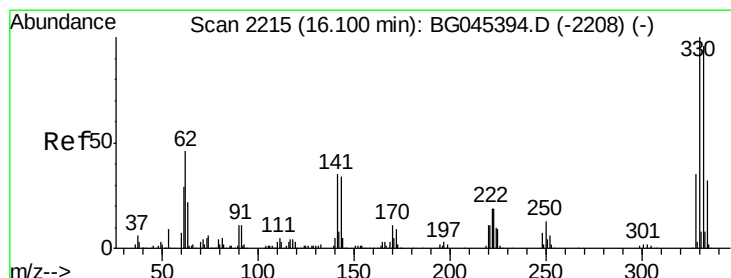
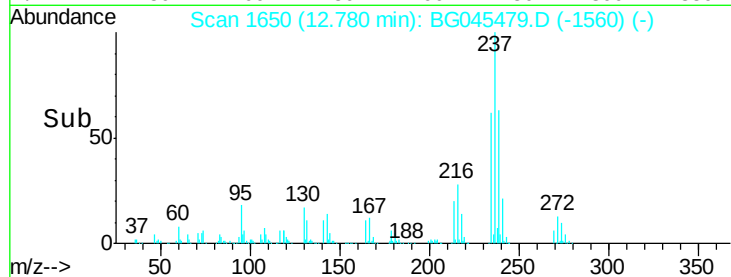
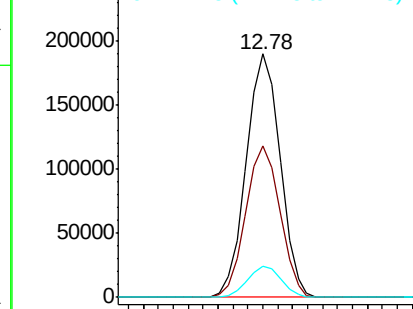
Tot Ion:	237	Resp:	297980
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.4	84.4
272	12.7	0.0	32.5

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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: 117.139 ng

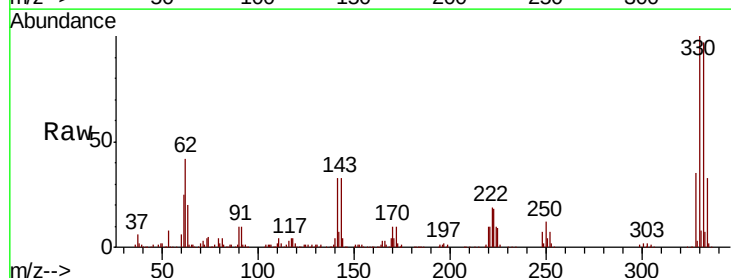
RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

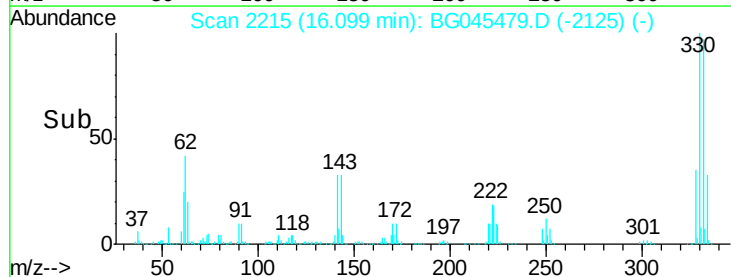
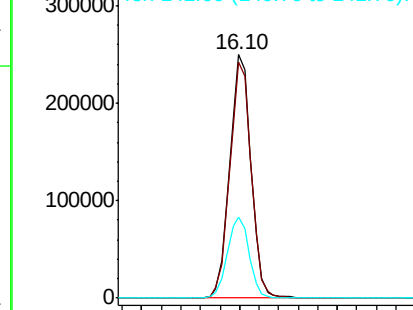
Lab File: BG045479.D

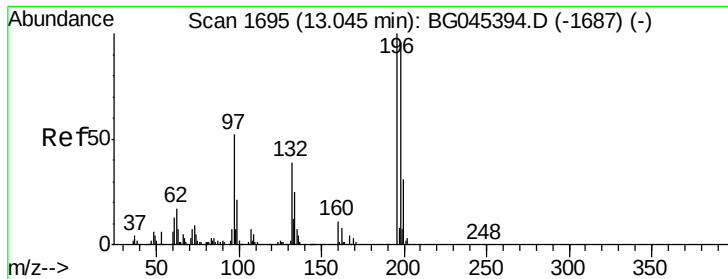
Acq: 27 May 2020 16:54

Tgt Ion:	330	Resp:	378486
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.2	117.4
141	34.0	28.2	42.4



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





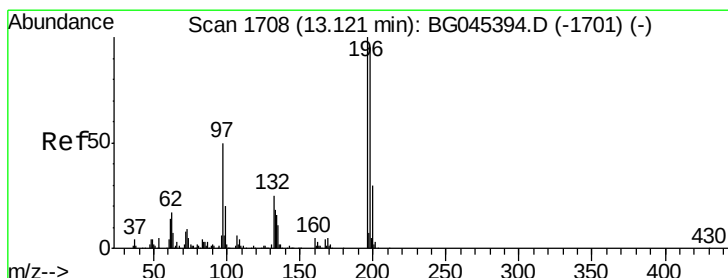
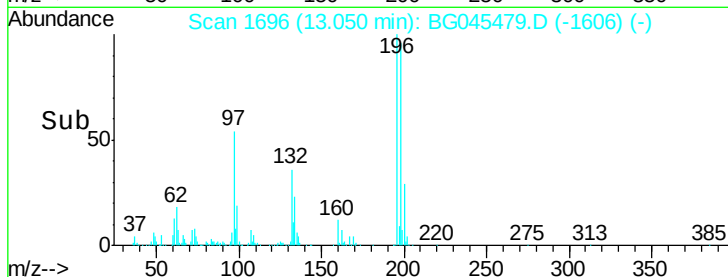
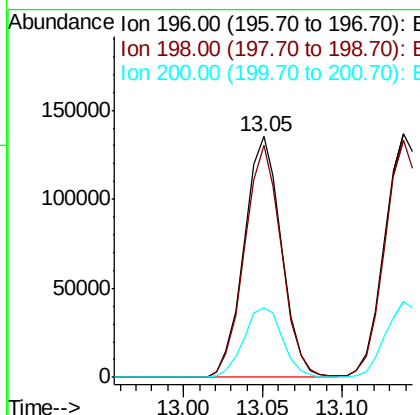
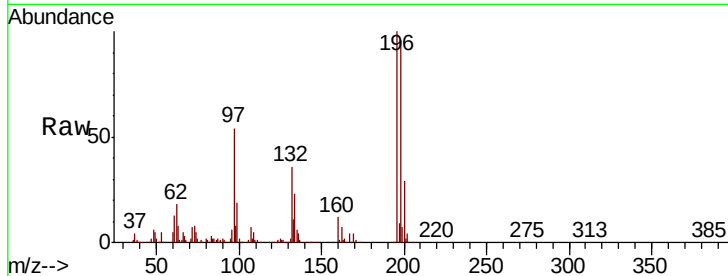
#43
 2,4,6-Trichlorophenol
 Concen: 45.051 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220845		
198	96.3	76.7	115.1	
200	28.8	24.9	37.3	

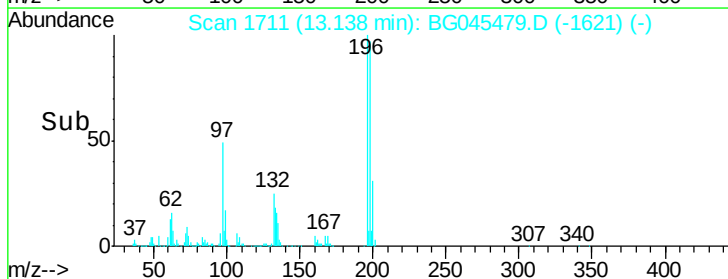
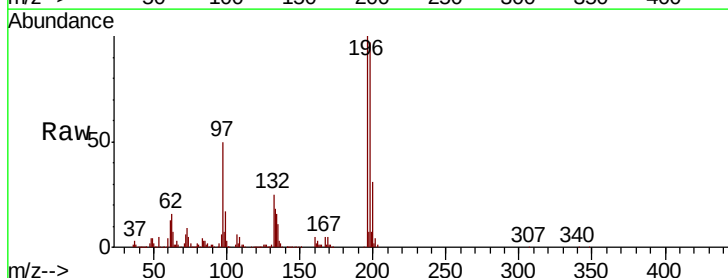
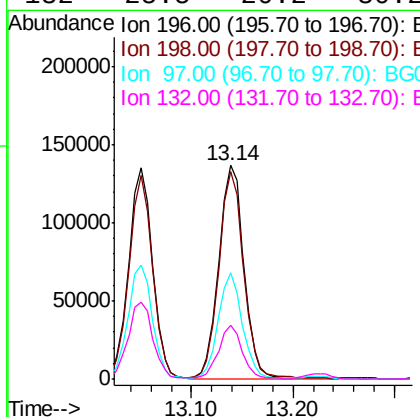
Manual Integrations
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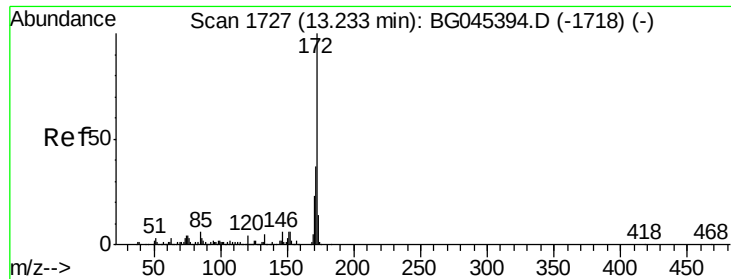
mohammad
 5/29/2020 10:24:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.007 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235316		
198	97.3	76.1	114.1	
97	49.6	40.0	60.0	
132	25.5	20.2	30.2	





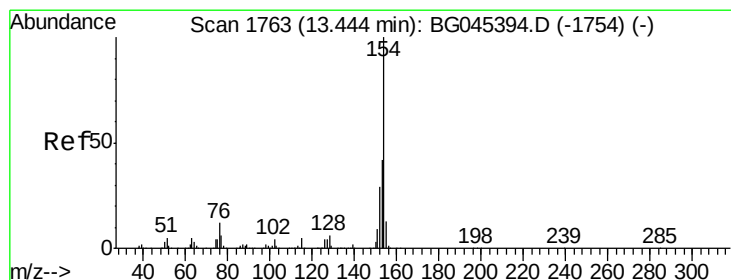
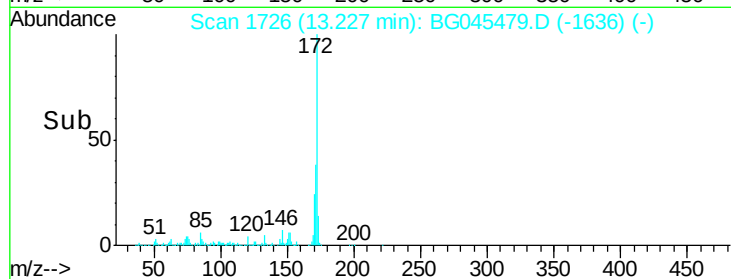
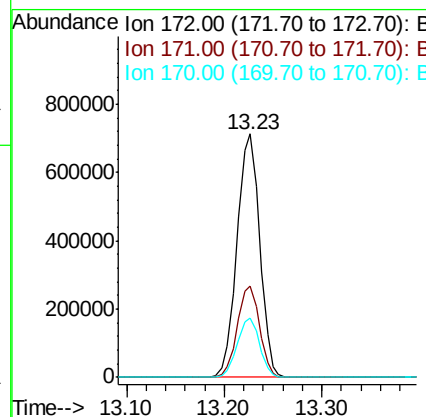
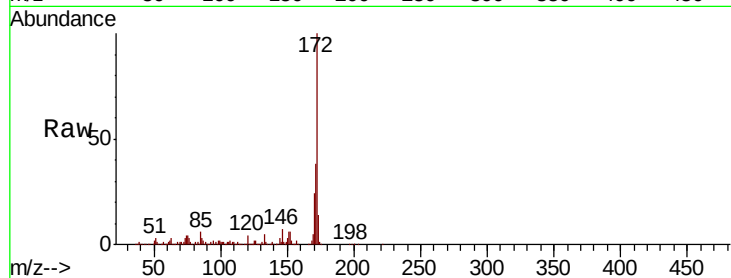
#45
2-Fluorobiphenyl
Concen: 77.074 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.5	44.3
170	24.3	18.5	27.7

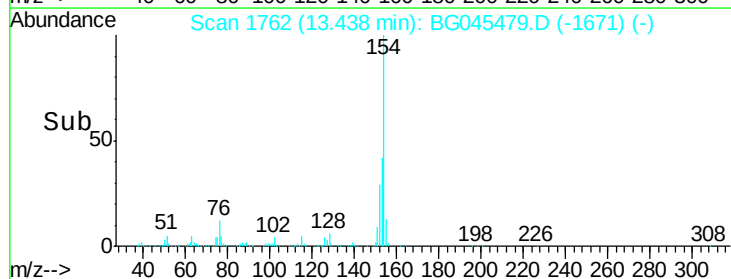
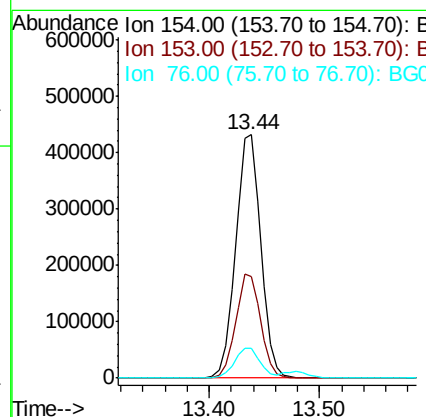
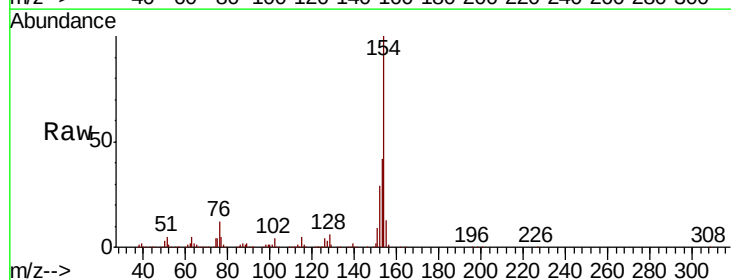
Manual Integrations
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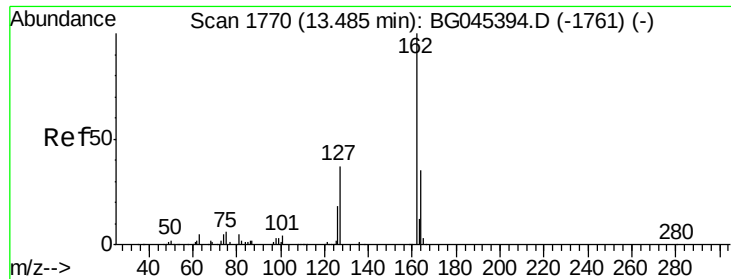
mohammad
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#46
1,1'-Biphenyl
Concen: 44.405 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.2	62.2
76	12.4	0.0	32.4





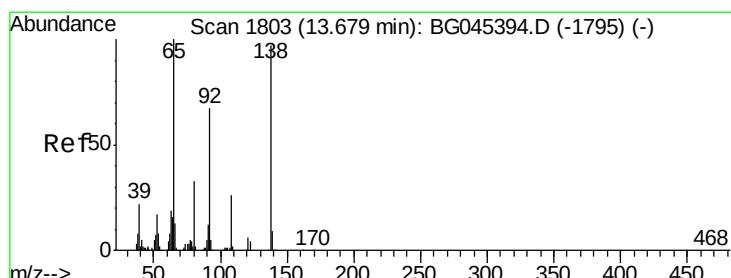
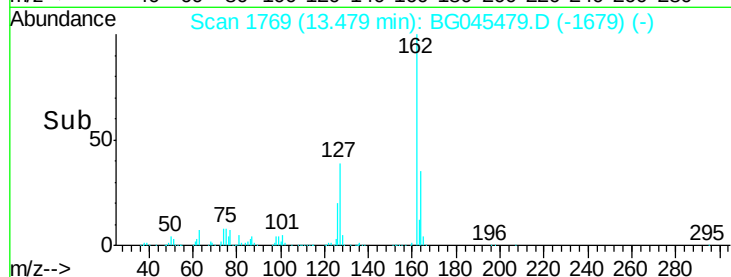
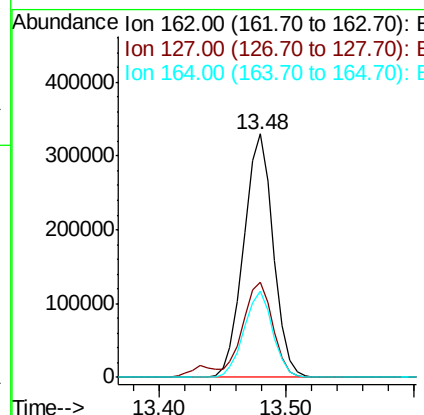
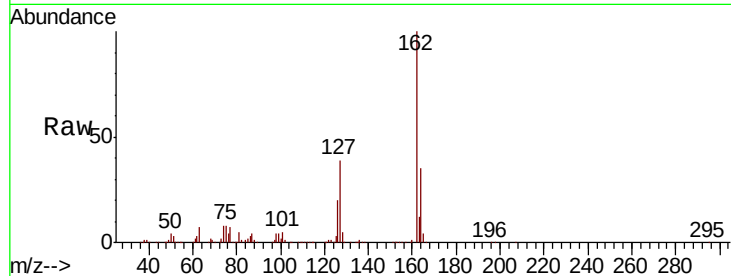
#47
2-Chloronaphthalene
Concen: 42.269 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	31.6	47.4
164	35.2	28.1	42.1

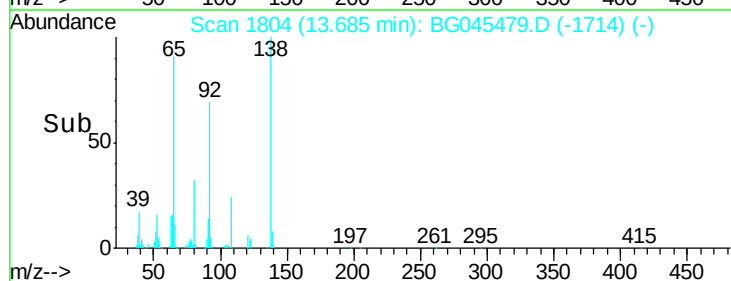
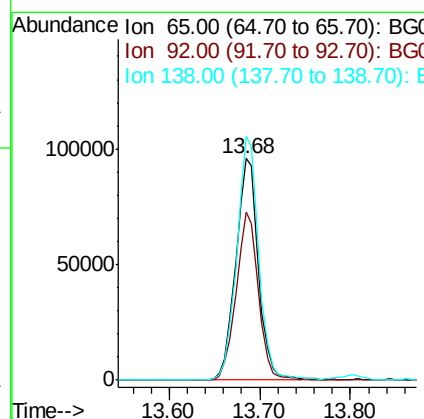
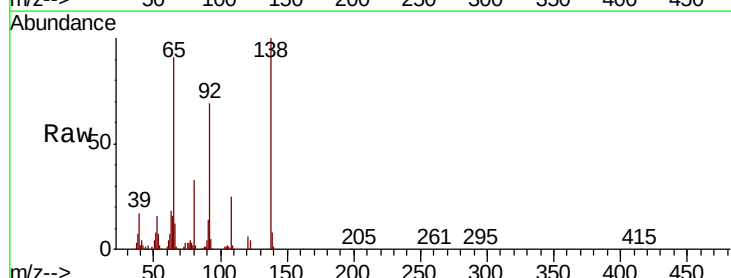
Manual Integrations
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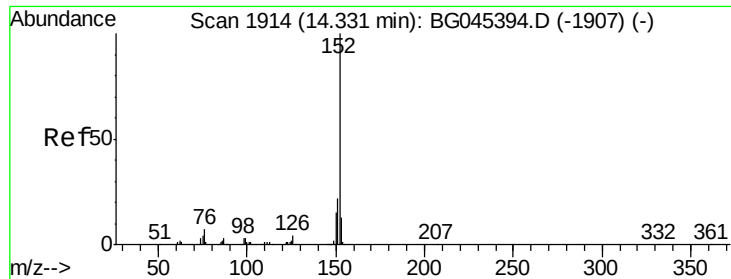
mohammad
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#48
2-Nitroaniline
Concen: 40.361 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	75.7	53.8	80.8
138	109.8	77.9	116.9





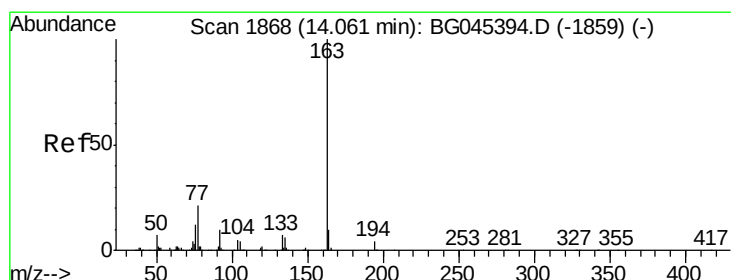
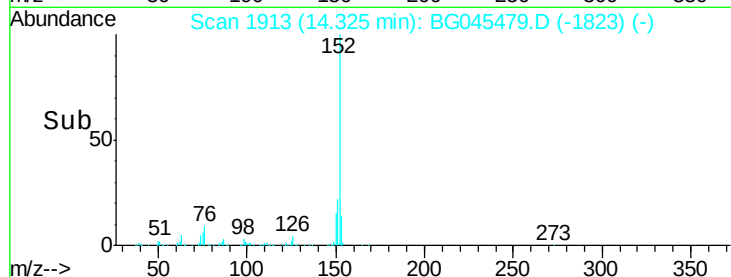
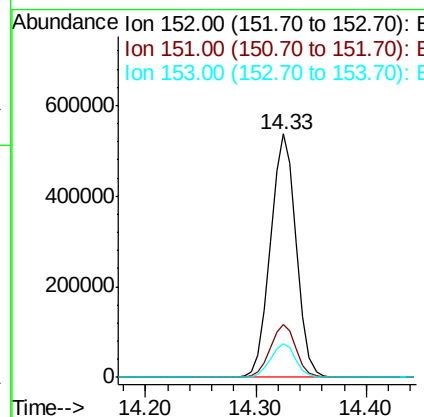
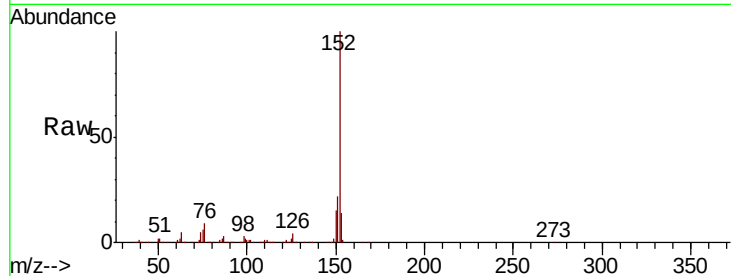
#49
Acenaphthylene
Concen: 43.056 ng
RT: 14.33 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	871824		
151	22.0		17.4	26.2
153	13.6		10.7	16.1

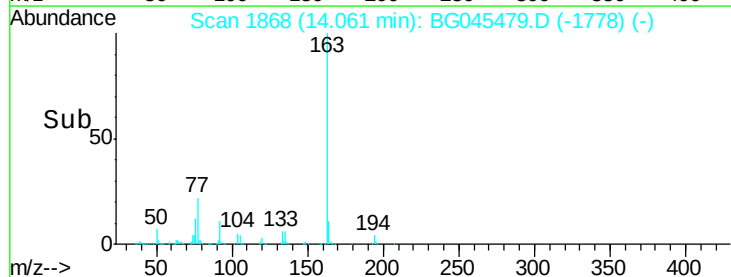
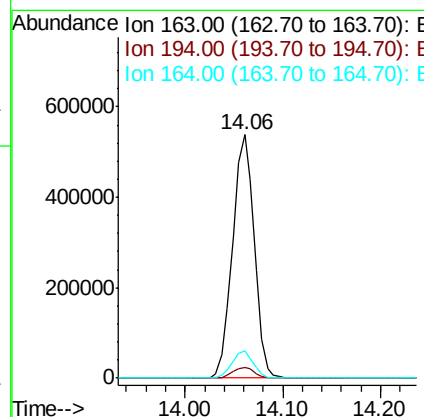
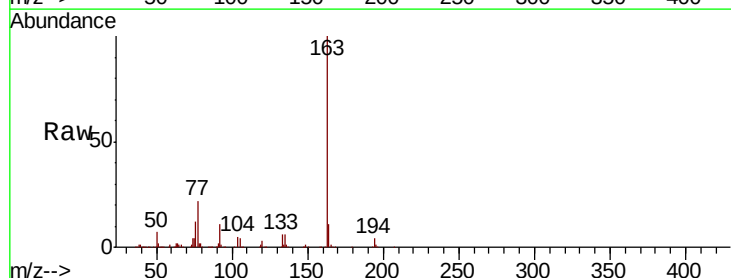
Manual Integrations
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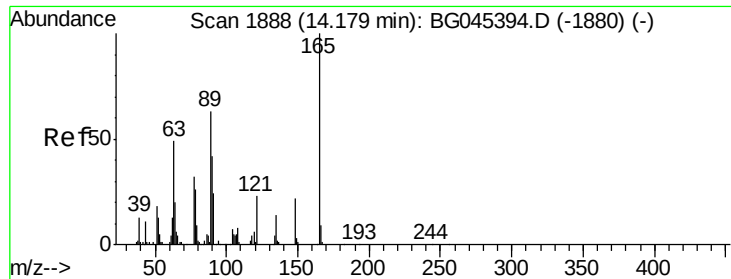
mohammad
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#50
Dimethylphthalate
Concen: 47.609 ng
RT: 14.06 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	825140		
194	4.5		3.2	4.8
164	11.2		8.3	12.5





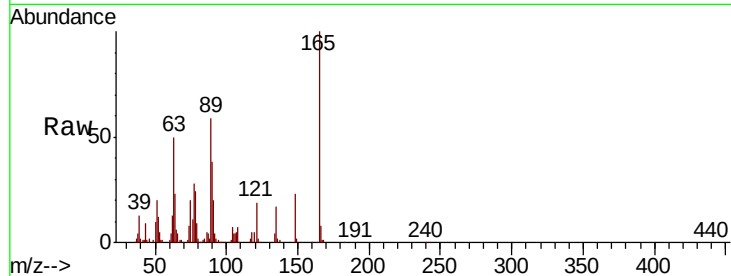
#51
 2,6-Dinitrotoluene
 Concen: 41.744 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

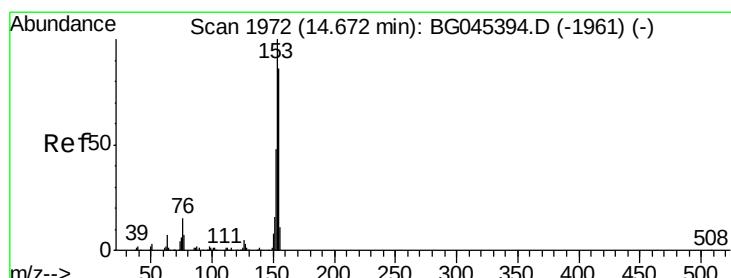
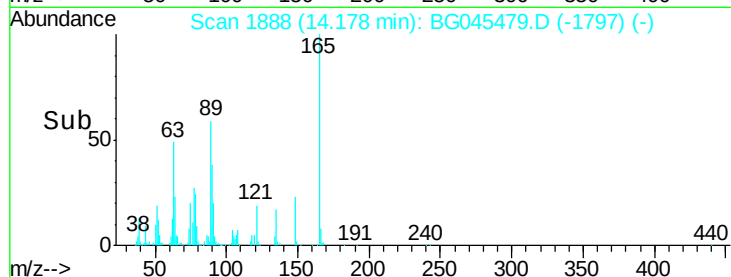
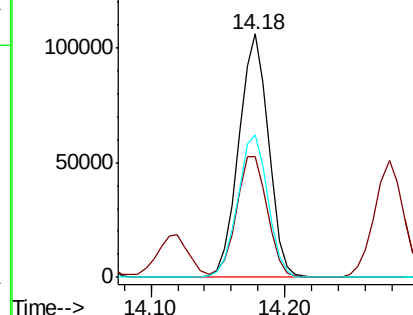
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	49.6	45.0	67.4
89	58.5	50.2	75.4

Manual Integrations
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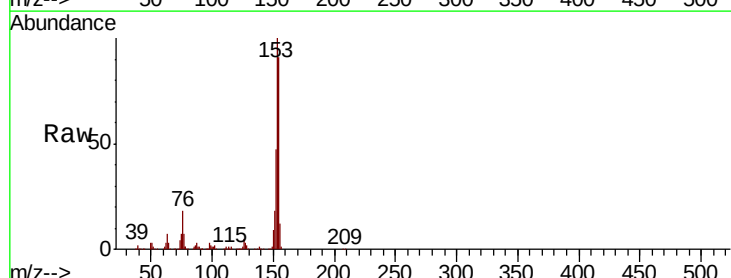


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

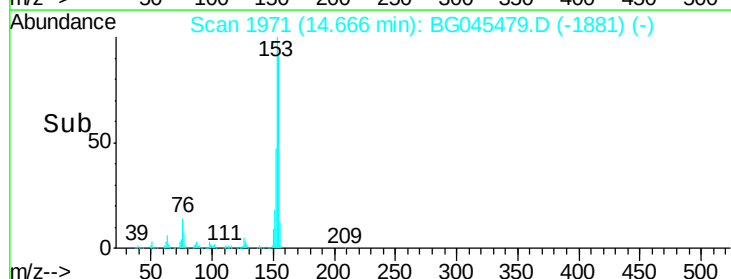
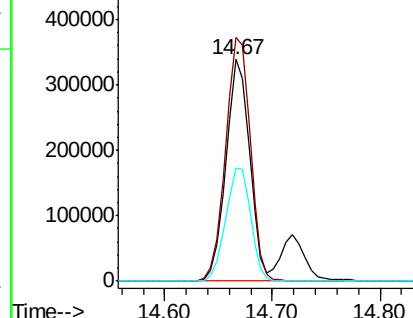


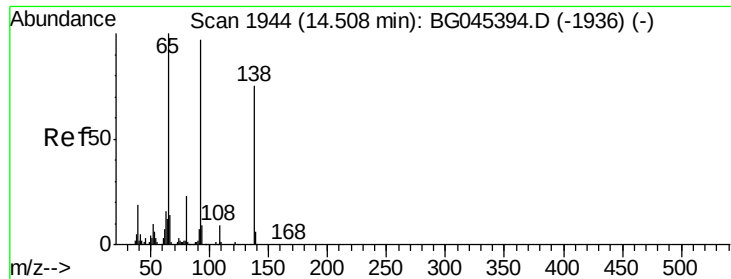
#52
 Acenaphthene
 Concen: 46.455 ng m
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	109.9	92.8	139.2
152	51.3	44.6	66.8



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





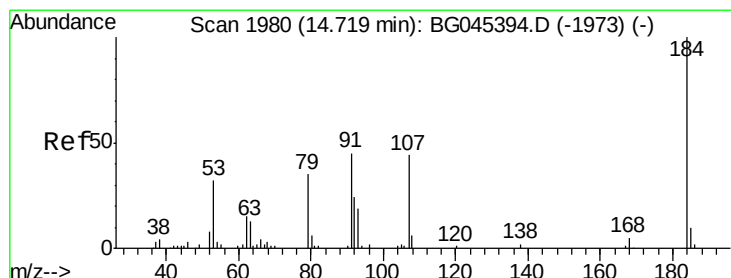
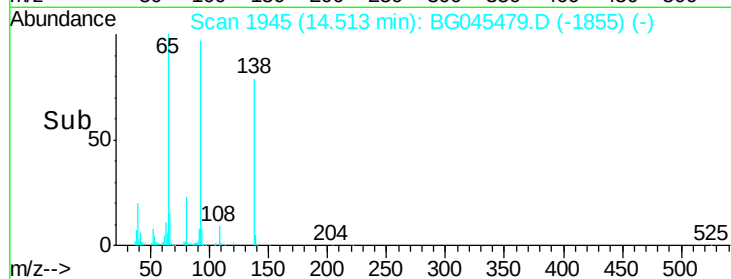
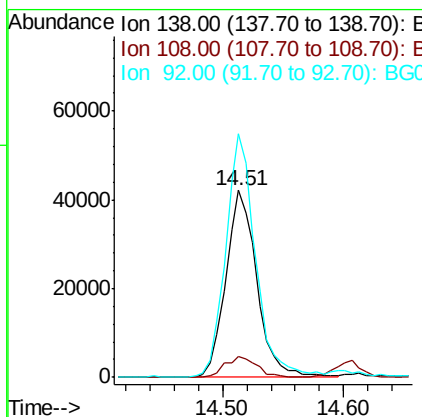
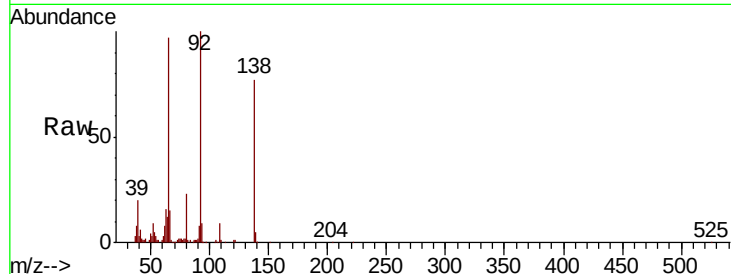
#53
3-Nitroaniline
Concen: 18.957 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion:138 Resp: 75365
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.6
92 130.0 103.0 154.4

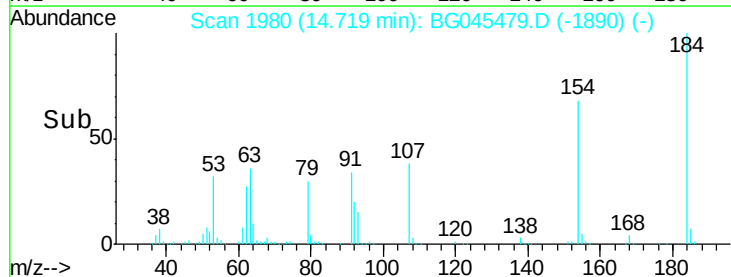
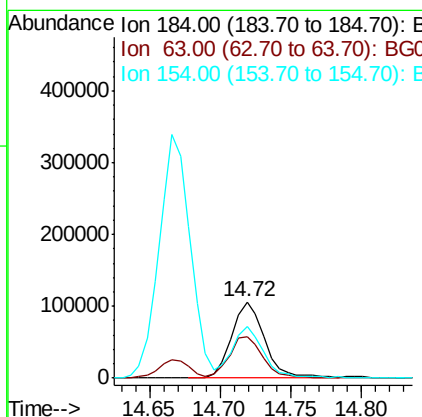
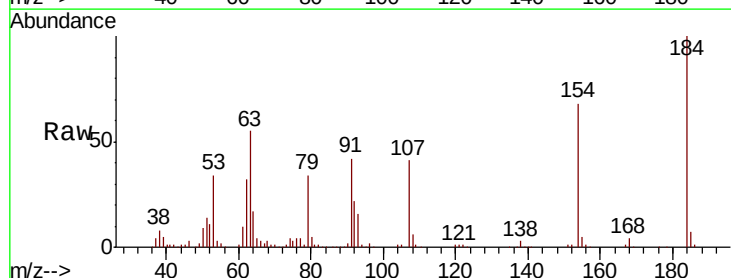
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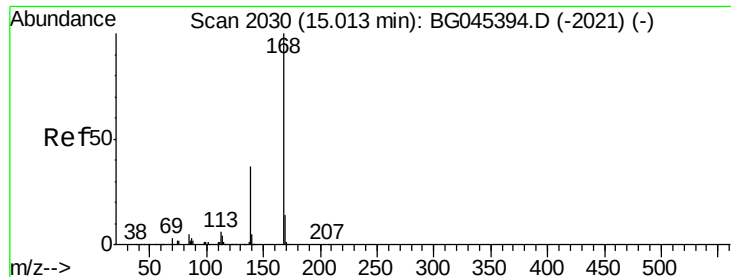
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.244 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion:184 Resp: 172627
Ion Ratio Lower Upper
184 100
63 54.5 47.8 71.6
154 67.8 58.3 87.5





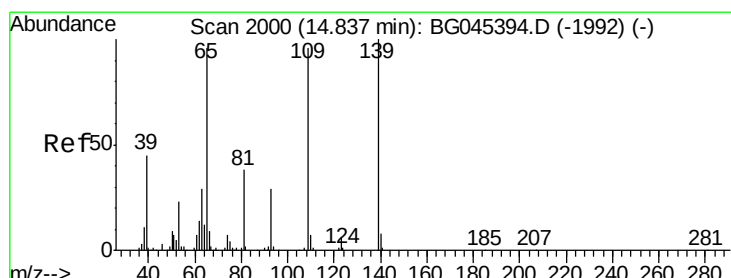
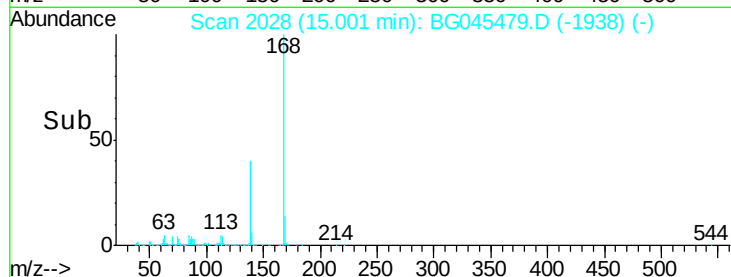
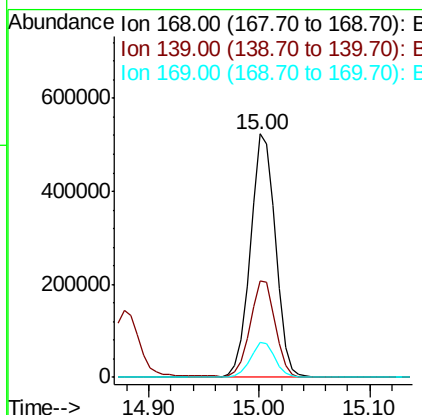
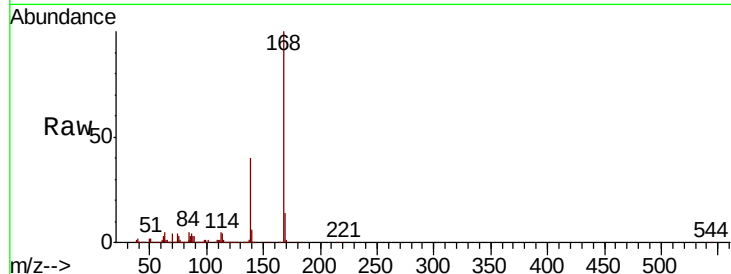
#55
Dibenzofuran
Concen: 41.540 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.9	44.9
169	14.4	10.9	16.3

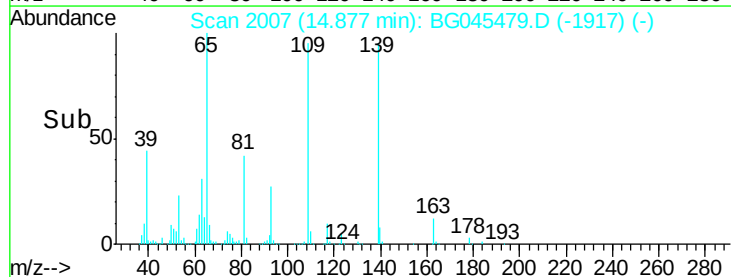
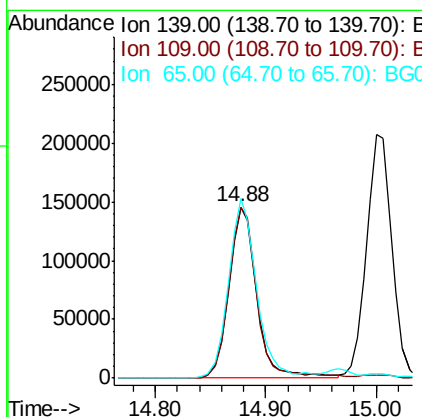
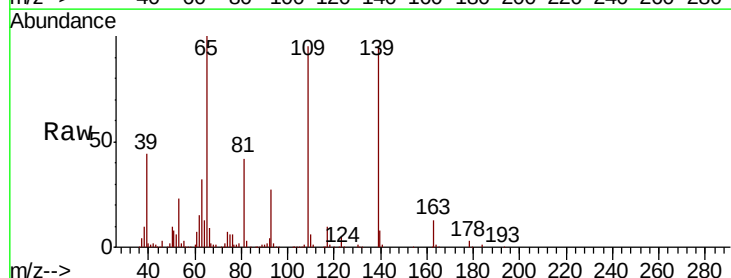
Manual Integrations
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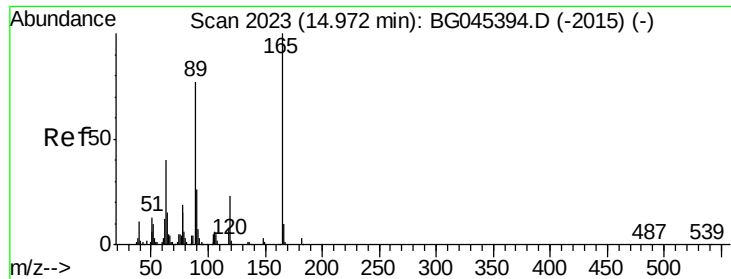
mohammad
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#56
4-Nitrophenol
Concen: 84.547 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.6	75.6	115.6
65	105.1	76.8	116.8





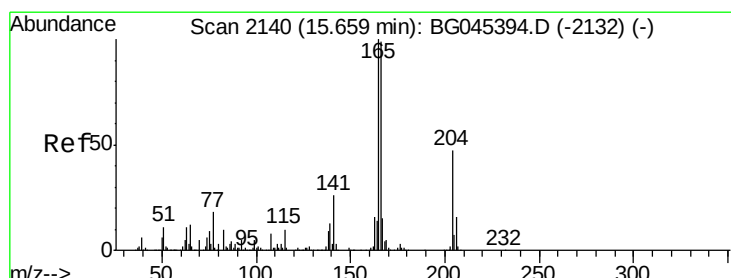
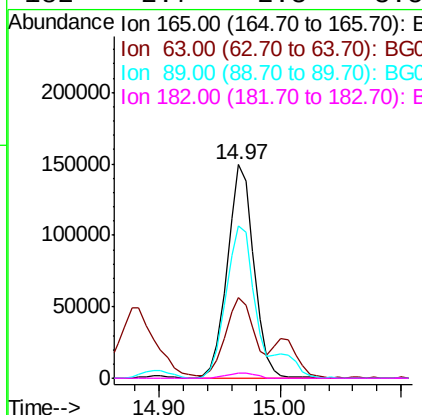
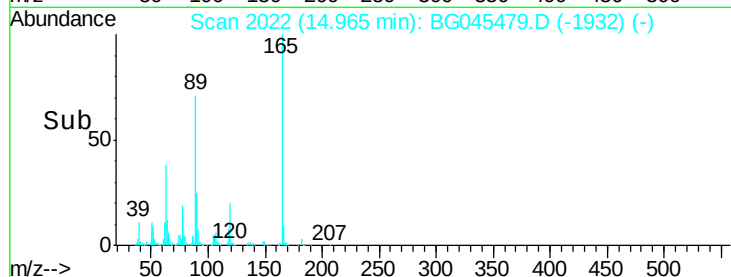
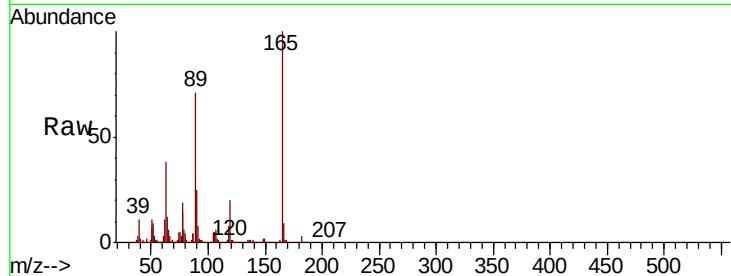
#57
2,4-Dinitrotoluene
Concen: 40.368 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		228645		
63	38.0	32.5	48.7		
89	71.1	61.8	92.6		
182	2.7	2.3	3.5		

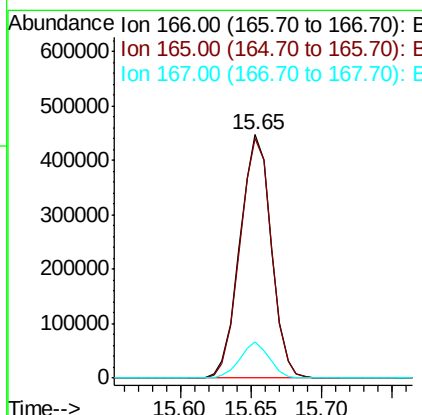
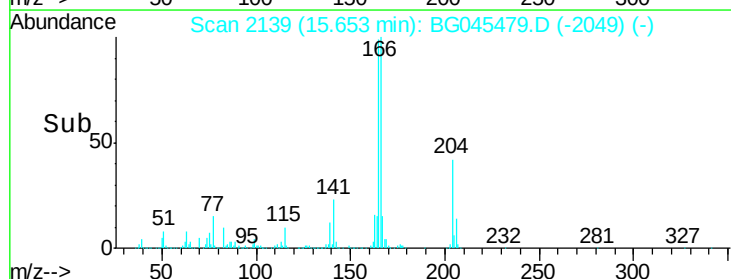
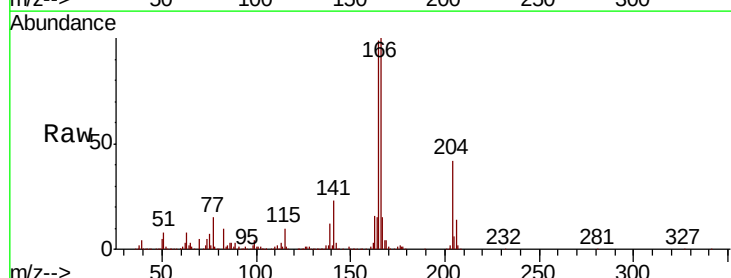
Manual Integrations
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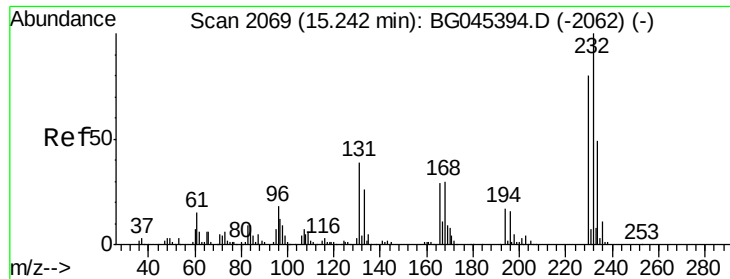
mohammad
5/29/2020 10:24:34 PM



#58
Fluorene
Concen: 42.018 ng
RT: 15.65 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		694816		
165	98.6	80.8	121.2		
167	14.8	12.0	18.0		





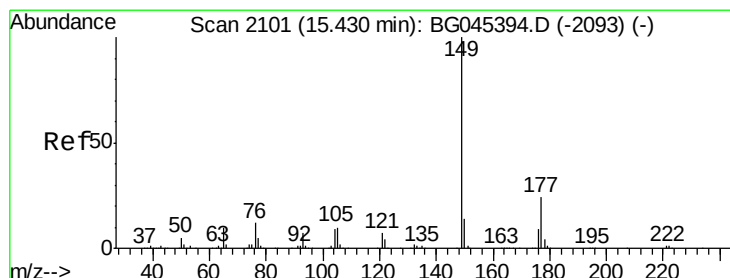
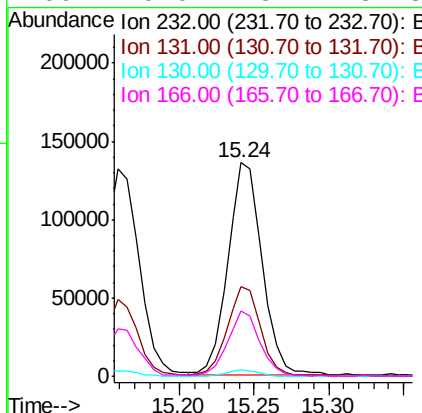
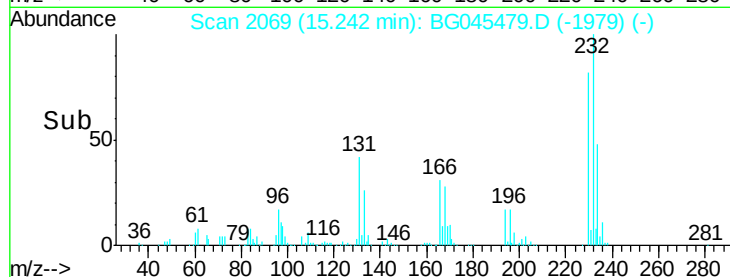
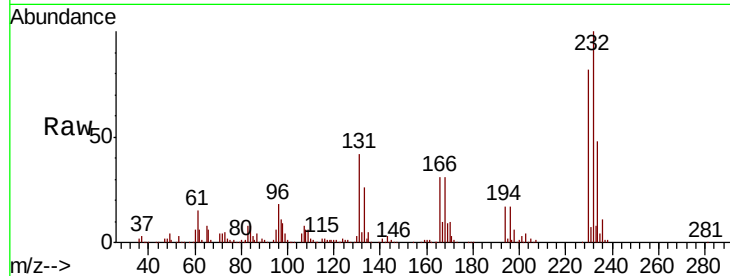
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.100 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Instrument :
 BNA_G
 ClientSampleId :
 370MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		217345		
131	41.3	33.7	50.5		
130	2.6	2.1	3.1		
166	29.0	23.2	34.8		

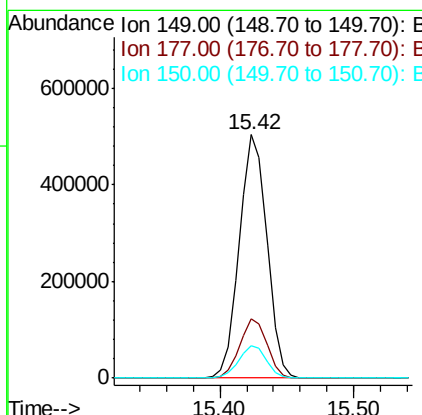
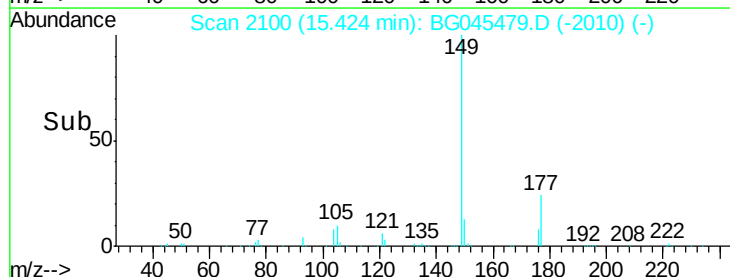
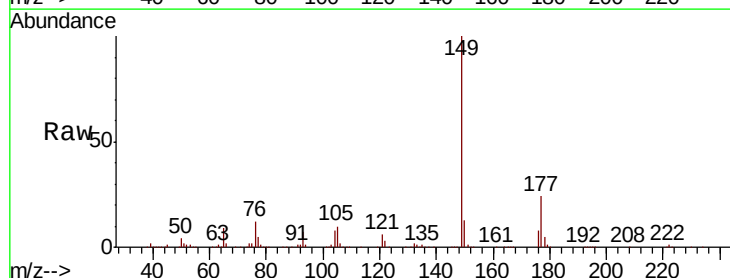
Manual Integrations
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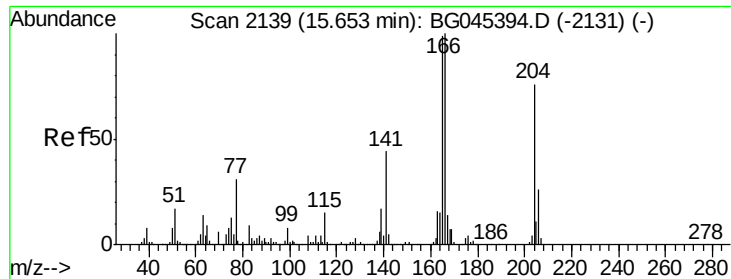
mohammad
 5/29/2020 10:24:34 PM



#60
 Diethylphthalate
 Concen: 39.852 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045479.D
 Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		718898		
177	24.1	19.0	28.4		
150	13.2	11.4	17.0		





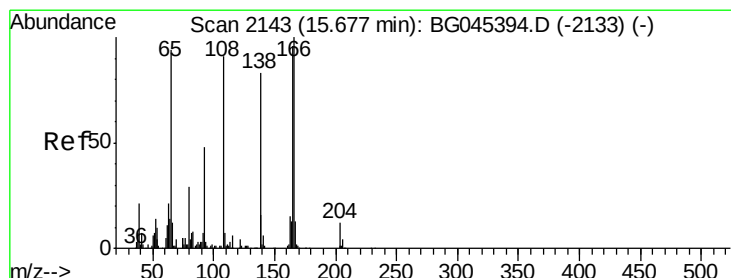
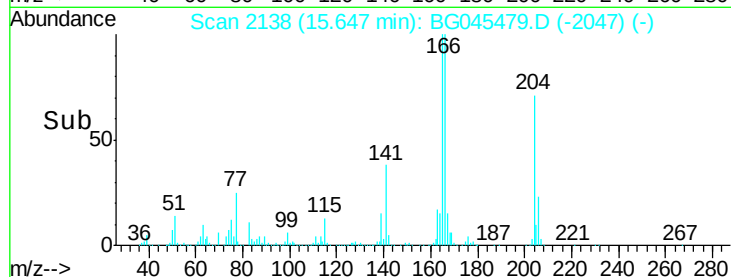
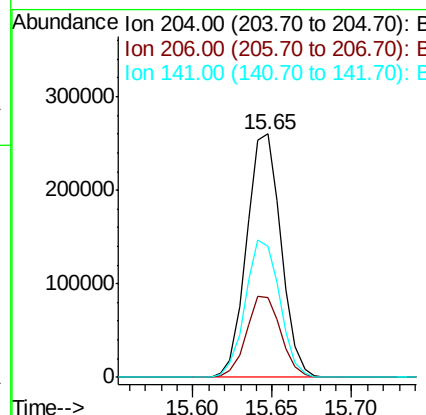
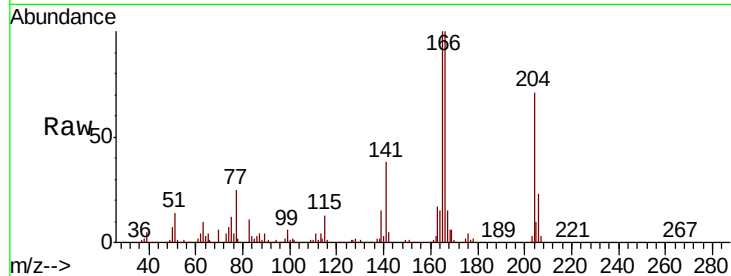
#61
4-Chlorophenyl-phenylether
Concen: 41.334 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	391130		
206	32.9	27.3	40.9	
141	53.9	45.9	68.9	

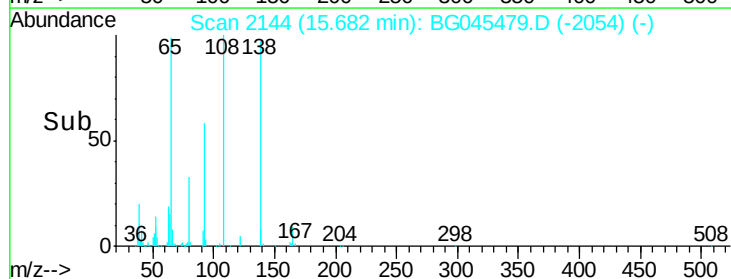
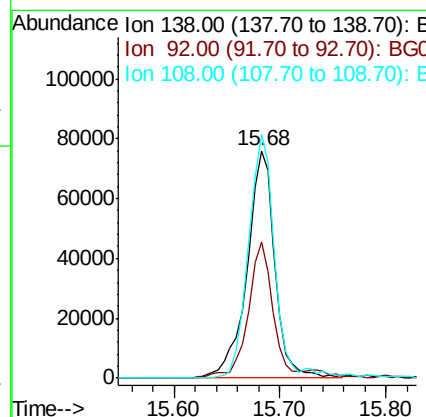
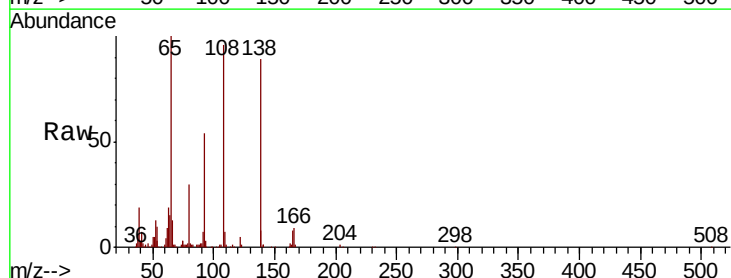
Manual Integrations
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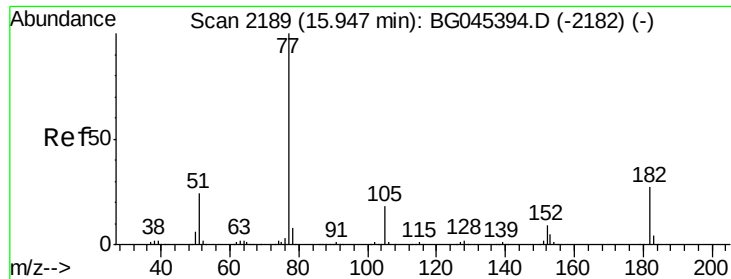
mohammad
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#62
4-Nitroaniline
Concen: 33.587 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	139396		
92	60.1	38.0	78.0	
108	107.2	89.3	129.3	





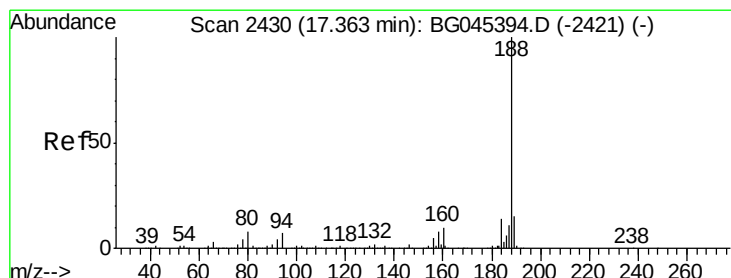
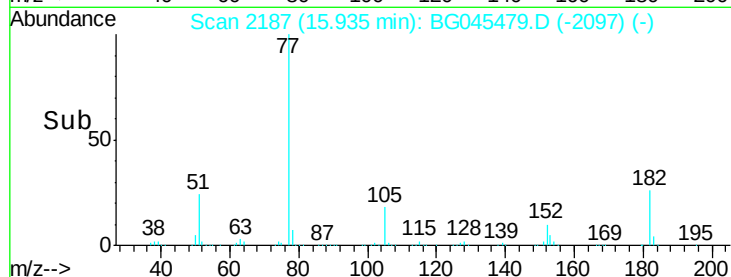
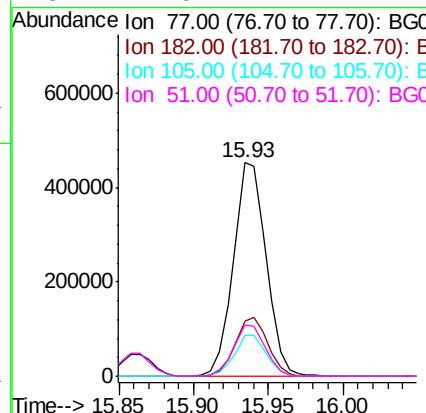
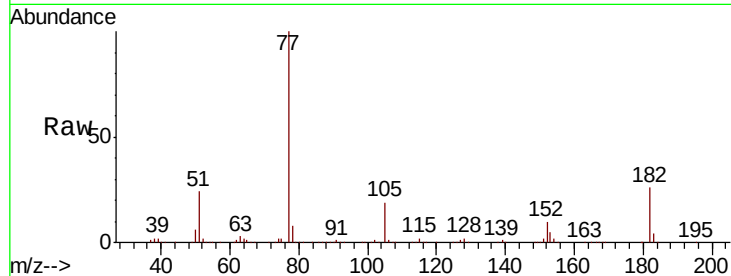
#63
Azobenzene
Concen: 41.072 ng
RT: 15.93 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		690848		
182	25.7	6.5	46.5		
105	19.4	0.0	37.9		
51	24.0	4.1	44.1		

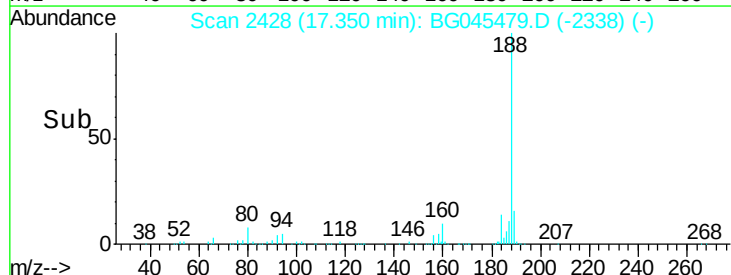
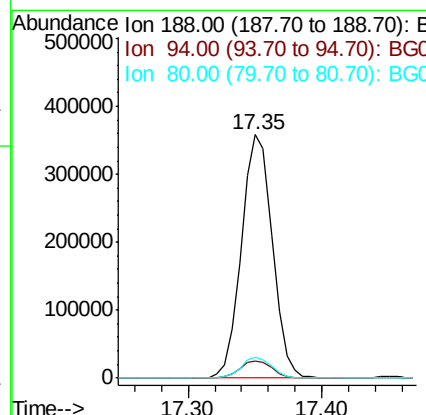
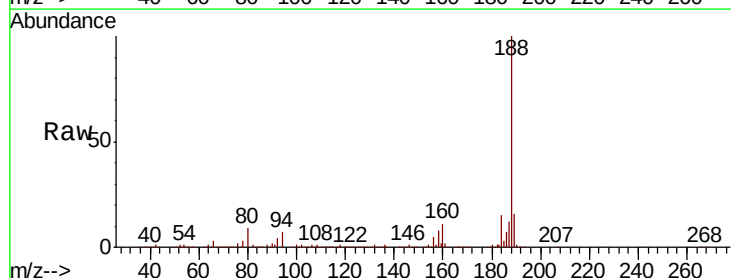
Manual Integrations
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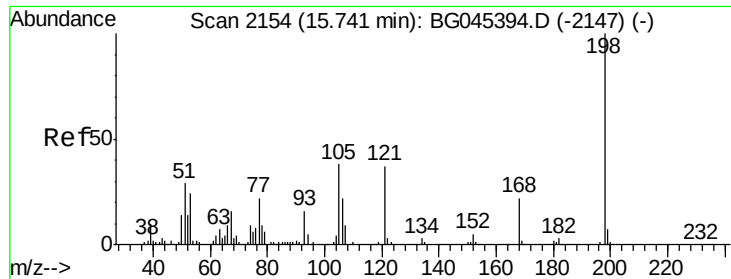
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		572581		
94	7.2	5.5	8.3		
80	8.8	6.6	10.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.441 ng

RT: 15.73 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

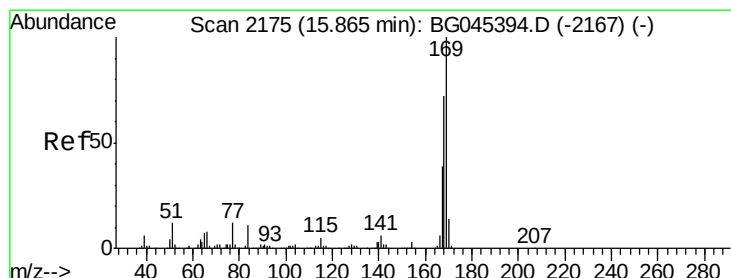
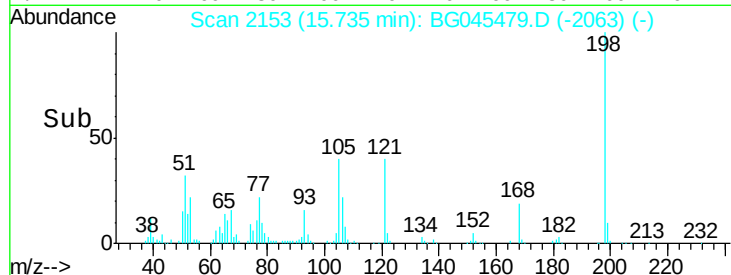
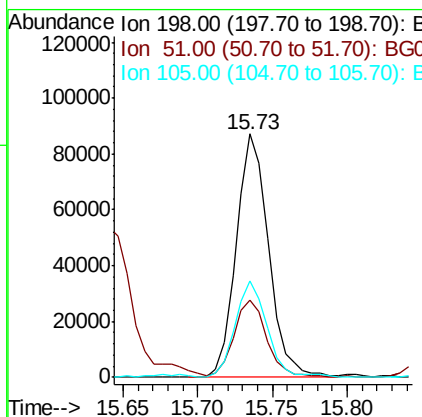
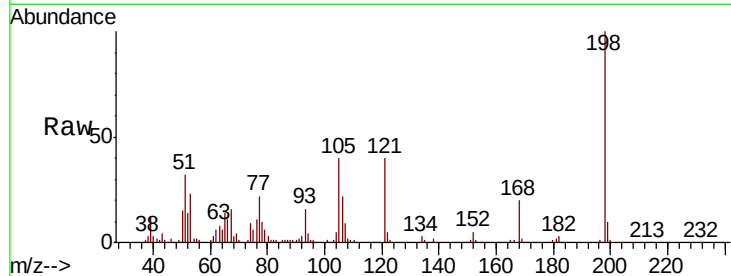
ClientSampled :

370MSD

Tot Ion:	198	Resp:	131523
Ion Ratio	Lower	Upper	
198	100		
51	31.8	10.0	50.0
105	39.6	18.9	58.9

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 44.716 ng

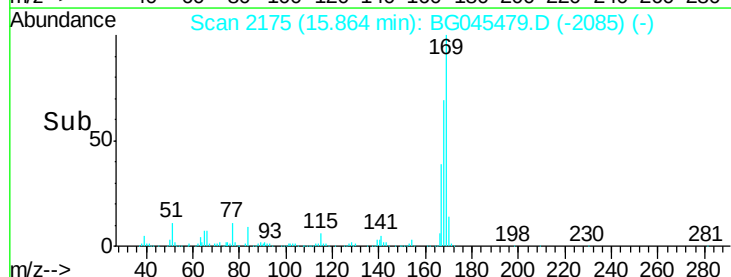
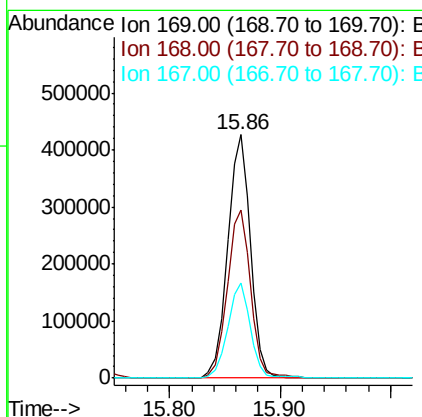
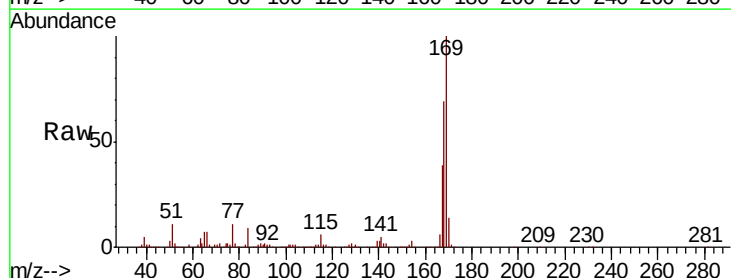
RT: 15.86 min Scan# 2175

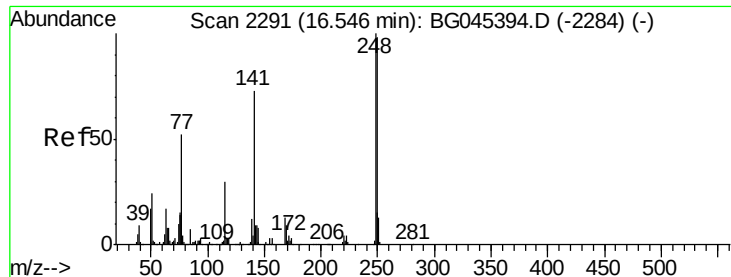
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	169	Resp:	614740
Ion Ratio	Lower	Upper	
169	100		
168	69.1	57.8	86.6
167	38.9	31.5	47.3





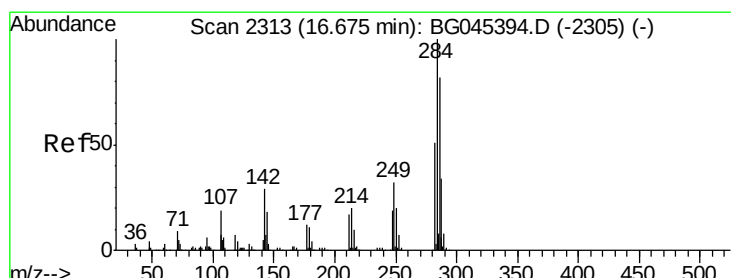
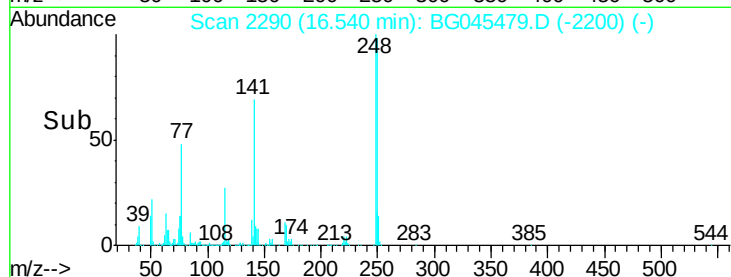
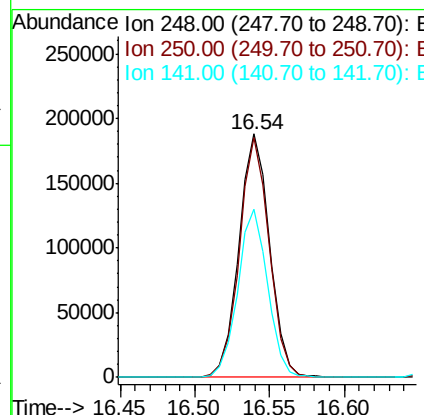
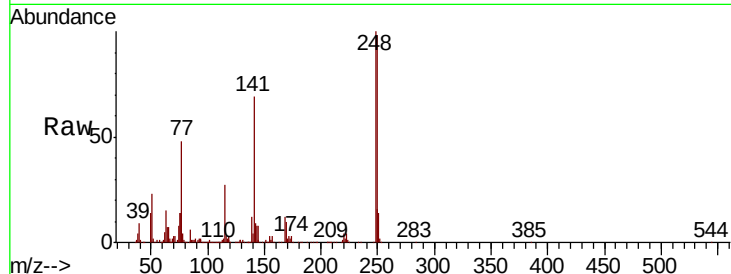
#67
4-Bromophenyl-phenylether
Concen: 43.332 ng
RT: 16.54 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.6	117.8
141	69.2	58.2	87.2

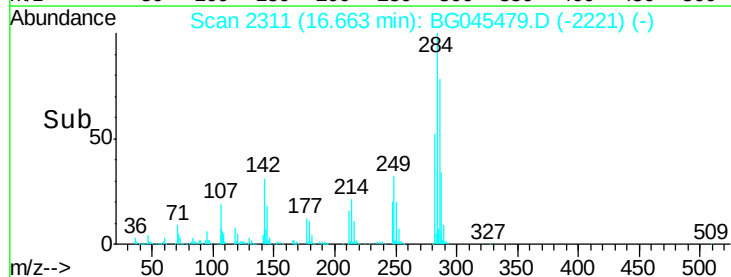
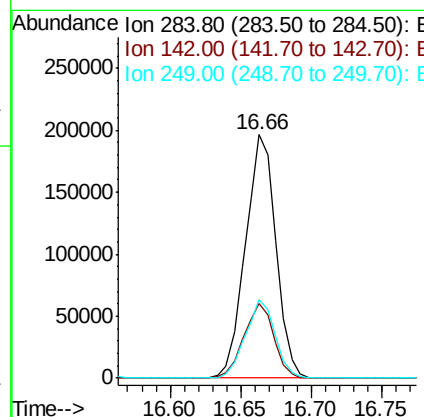
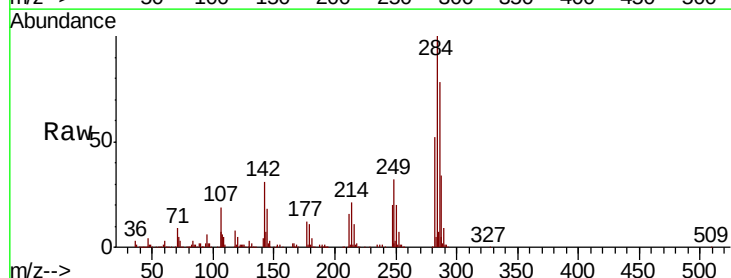
Manual Integrations
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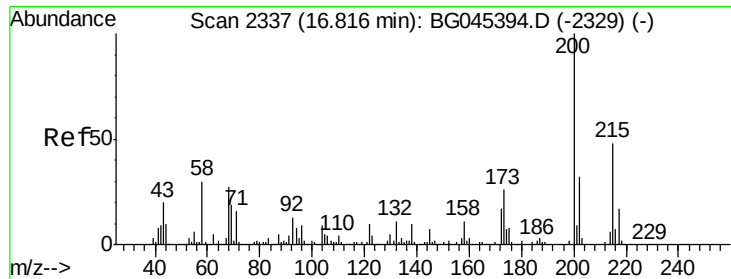
mohammad
5/29/2020 10:24:34 PM



#68
Hexachlorobenzene
Concen: 45.667 ng
RT: 16.66 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.0	34.6
249	32.0	25.8	38.6





#69

Atrazine

Concen: 41.553 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion:200 Resp: 235296

Ion Ratio Lower Upper

200 100

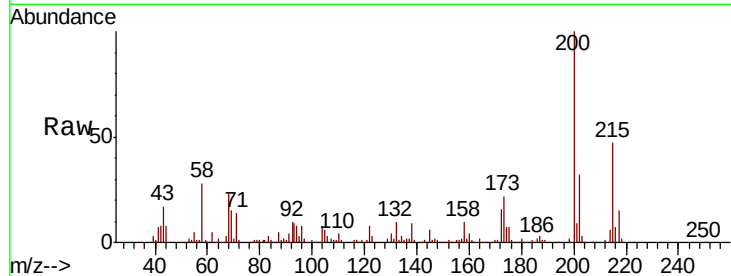
173 22.4 5.5 45.5

215 47.3 28.2 68.2

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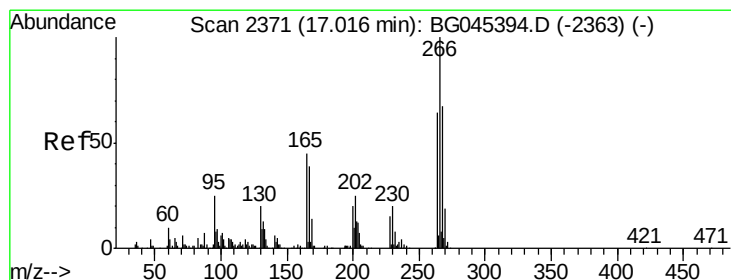
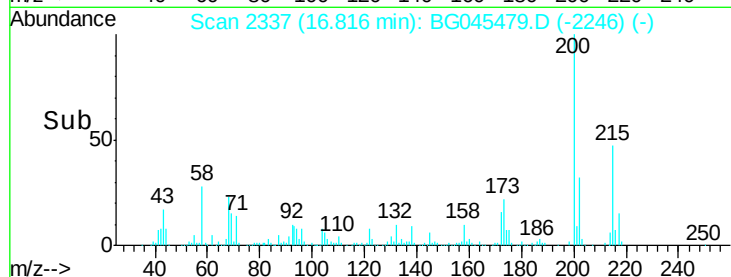
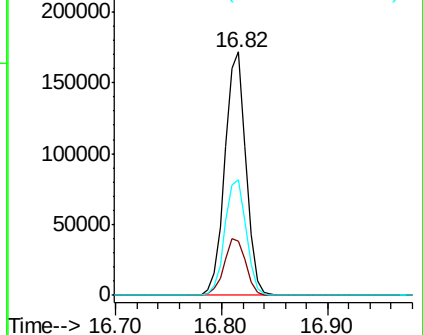
5/29/2020 10:24:34 PM



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: 97.291 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

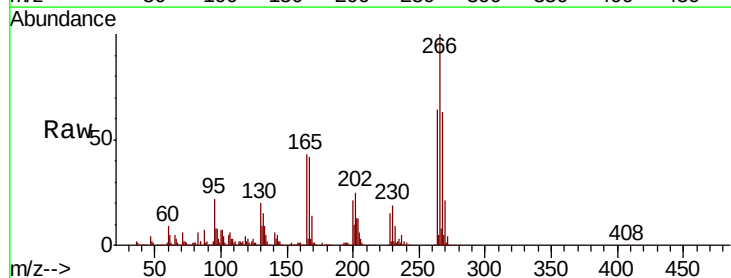
Tgt Ion:266 Resp: 327594

Ion Ratio Lower Upper

266 100

268 63.3 53.2 79.8

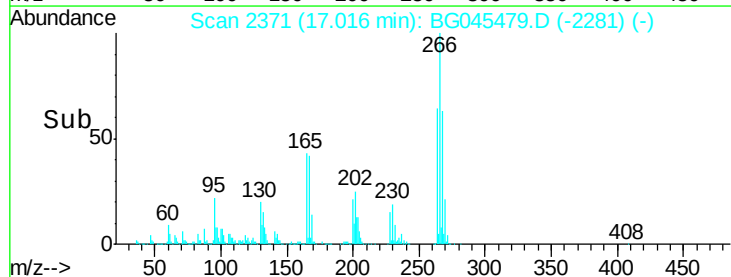
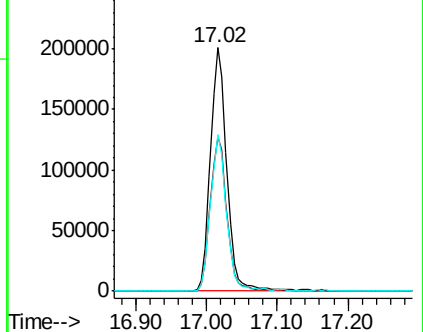
264 64.4 51.0 76.4

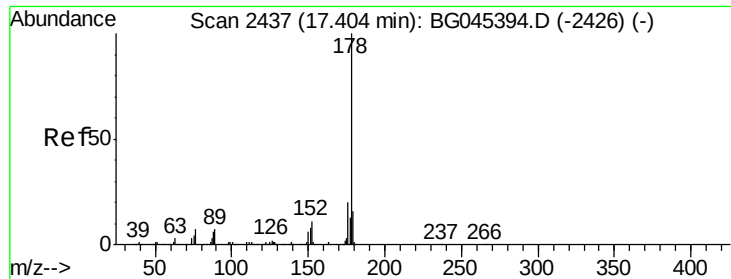


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.352 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampled :

370MSD

Tot Ion:178 Resp: 1083640

Ion Ratio Lower Upper

178 100

176 19.3 16.2 24.4

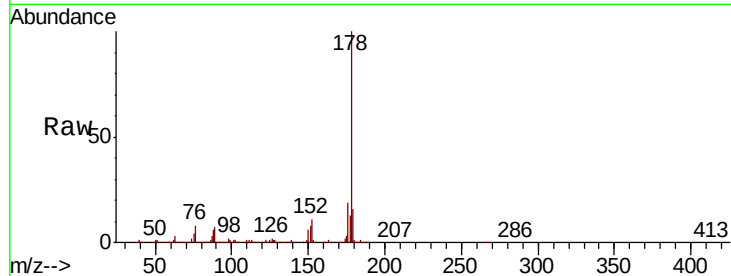
179 16.4 13.1 19.7

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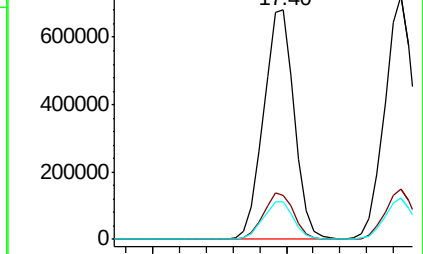
5/29/2020 10:24:34 PM



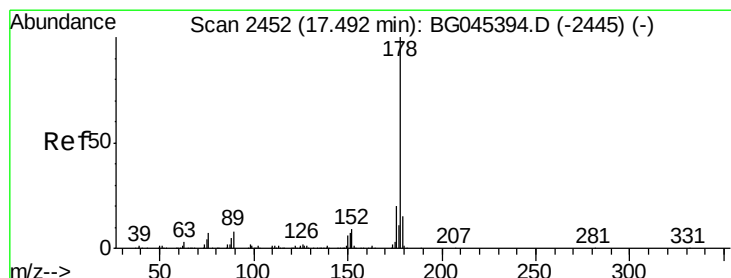
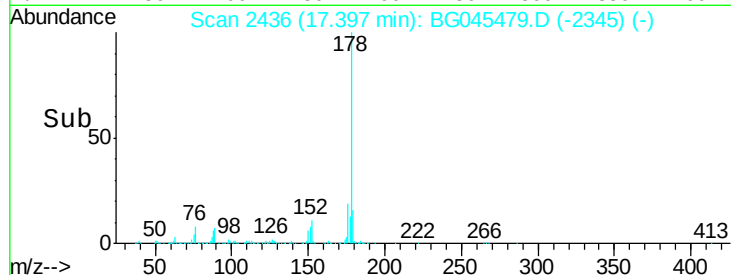
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 44.302 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:178 Resp: 1112076

Ion Ratio Lower Upper

178 100

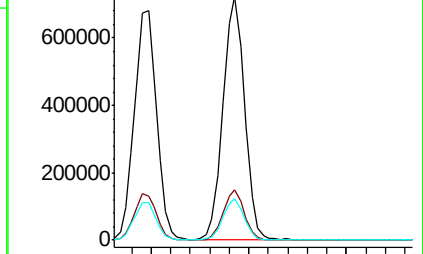
176 20.6 15.8 23.6

179 17.1 12.2 18.4

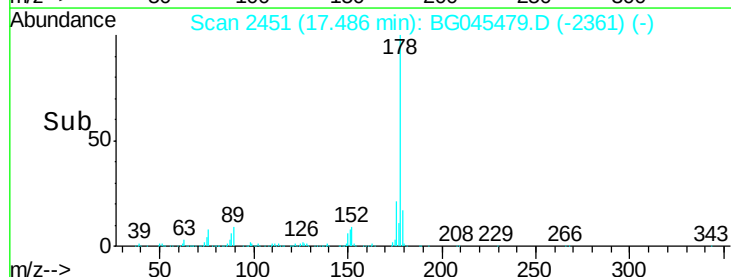
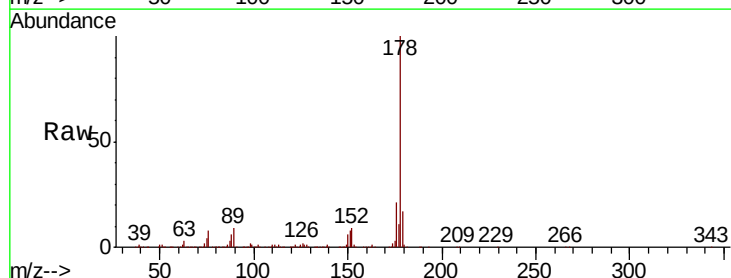
Abundance Ion 178.00 (177.70 to 178.70): E

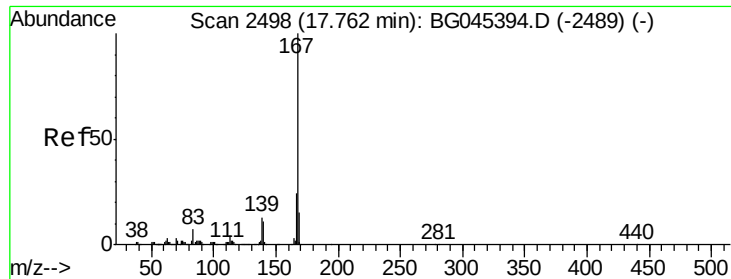
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#73

Carbazole

Concen: 41.140 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion:167 Resp: 1006624

Ion Ratio Lower Upper

167 100

166 23.2 19.2 28.8

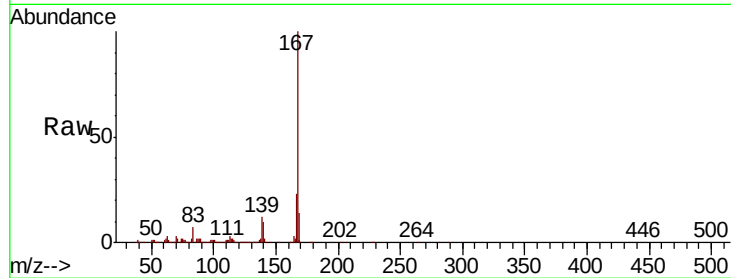
139 12.5 10.6 16.0

Manual Integrations

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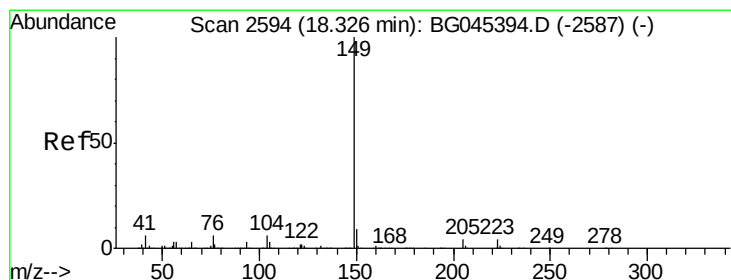
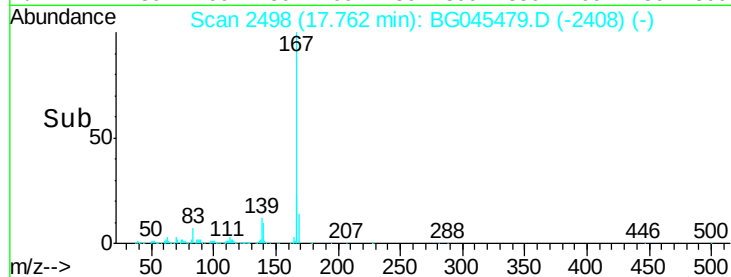
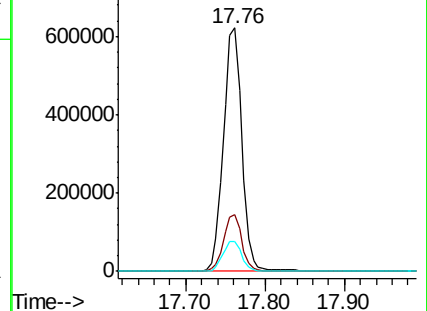
5/29/2020 10:24:34 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.635 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

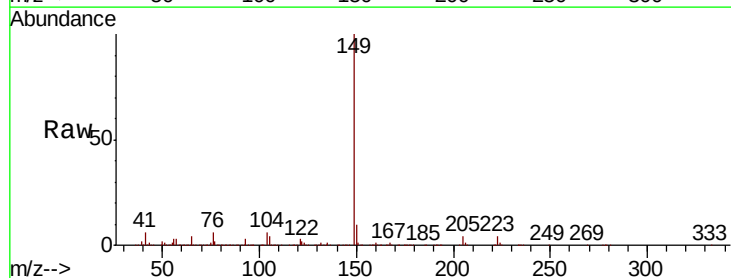
Tgt Ion:149 Resp: 1193397

Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

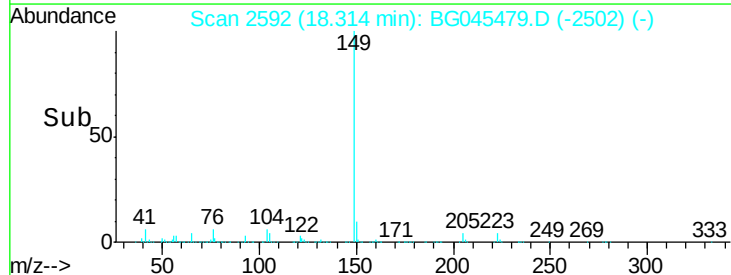
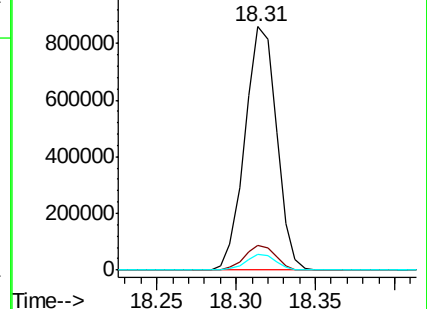
104 6.5 5.0 7.4

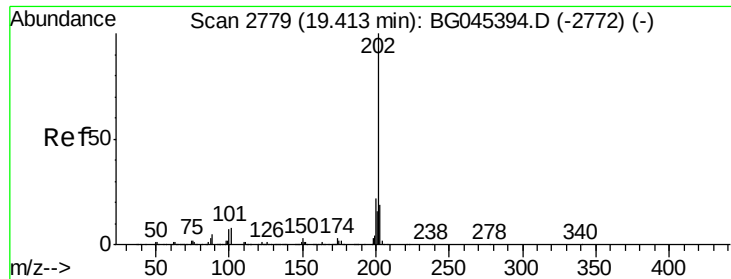


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.464 ng

RT: 19.41 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

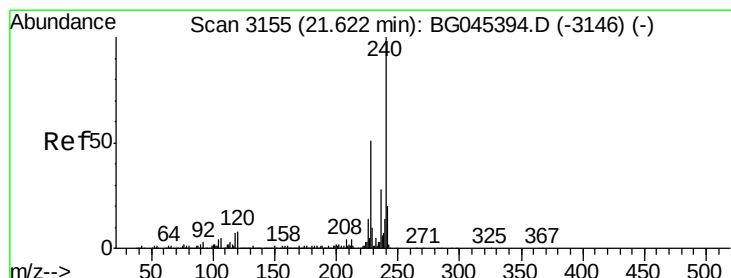
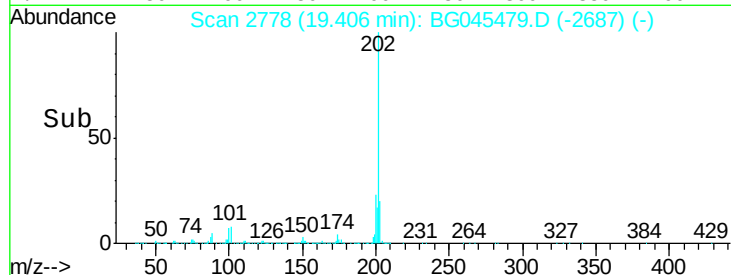
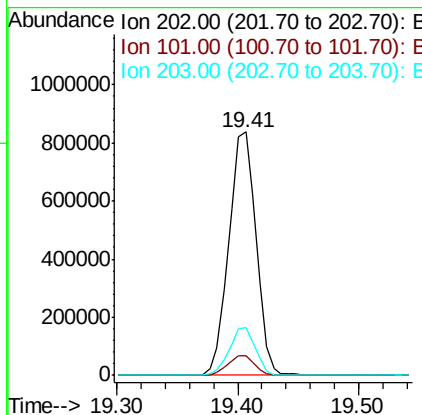
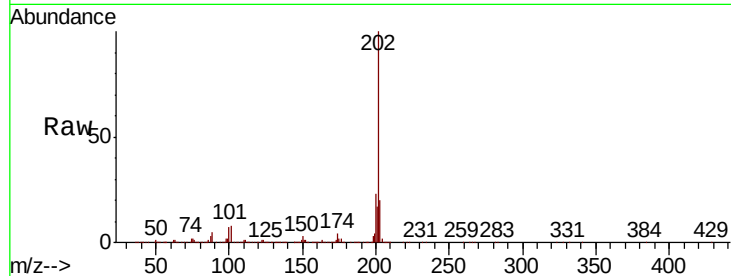
ClientSampled :

370MSD

Tot Ion:	202	Resp:	1318310
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.3
203	19.7	0.0	39.0

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

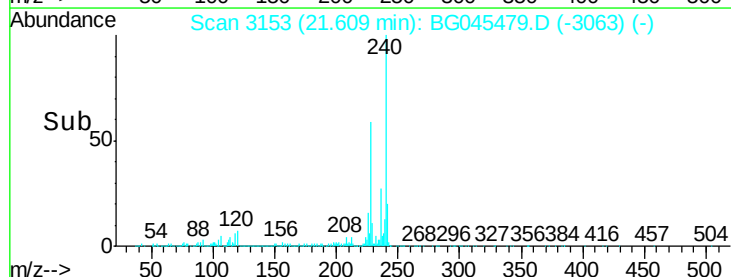
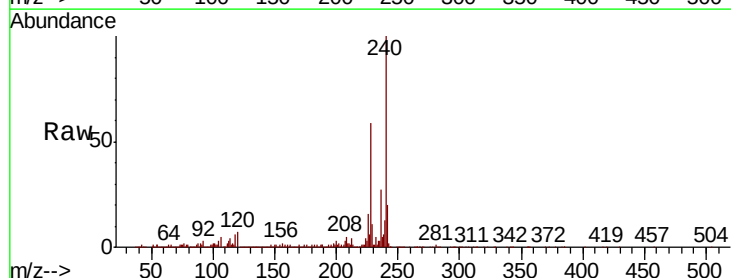
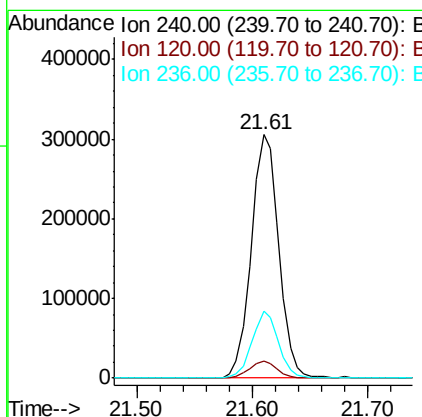
RT: 21.61 min Scan# 3153

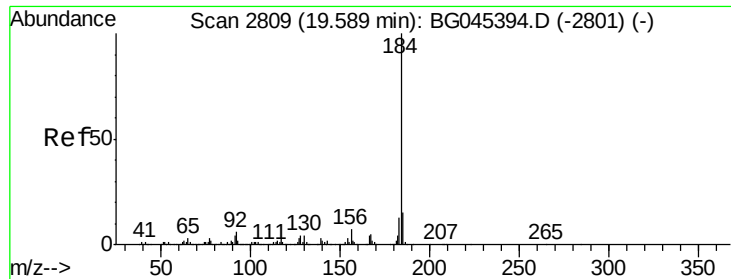
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion:	240	Resp:	506445
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.1	9.1
236	27.4	22.3	33.5





#77

Benzidine

Concen: 38.727 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

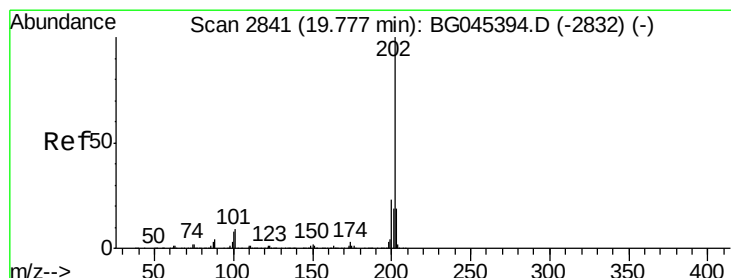
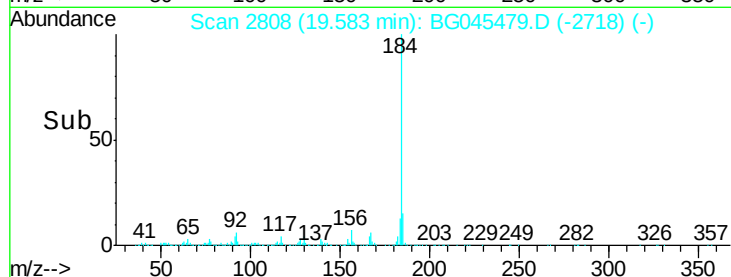
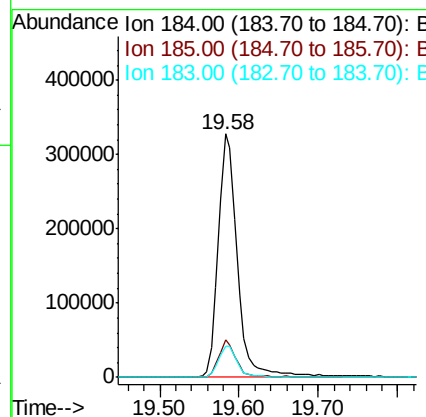
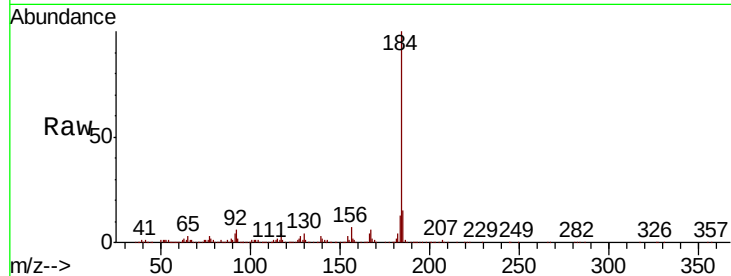
ClientSampleId :

370MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	550840		
185	15.2		11.7	17.5
183	12.8		10.2	15.4

Manual Integrations
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#78

Pyrene

Concen: 45.465 ng

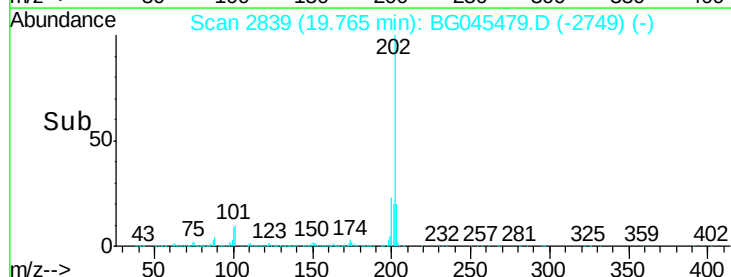
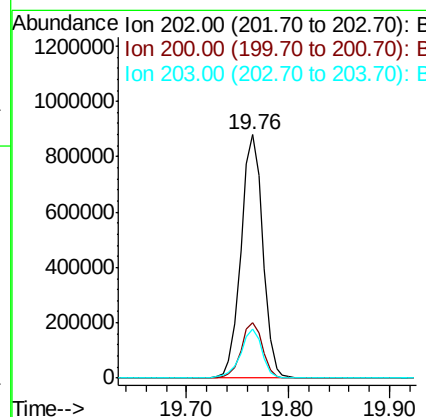
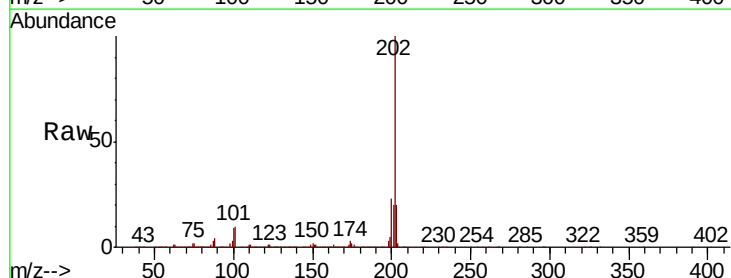
RT: 19.76 min Scan# 2839

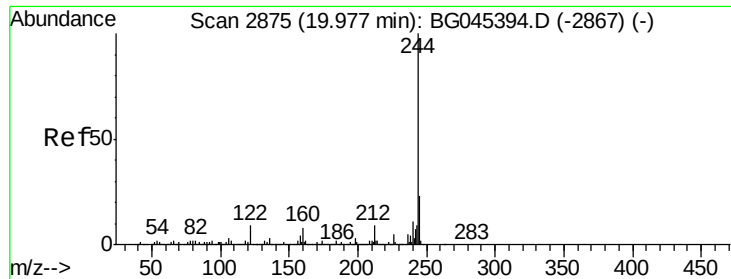
Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1312542		
200	22.9		18.2	27.2
203	19.9		15.1	22.7





#79

Terphenyl-d14

Concen: 81.507 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion:244 Resp: 1769886

Ion Ratio Lower Upper

244 100

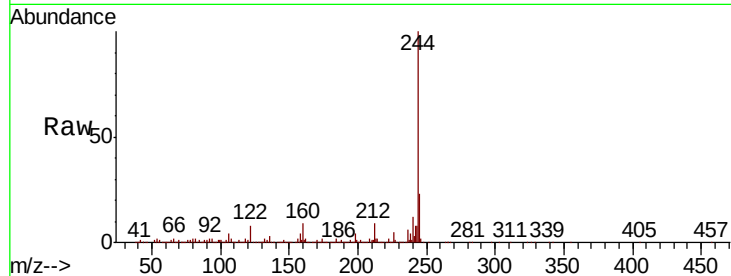
212 9.2 7.4 11.0

122 8.0 6.8 10.2

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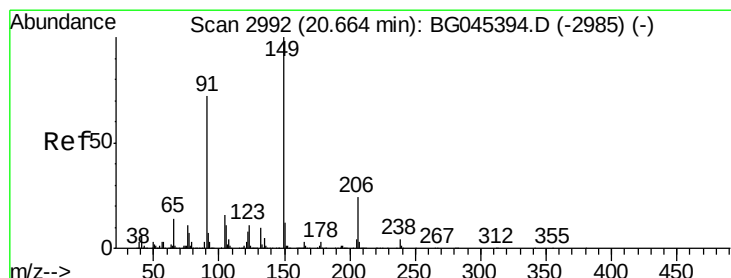
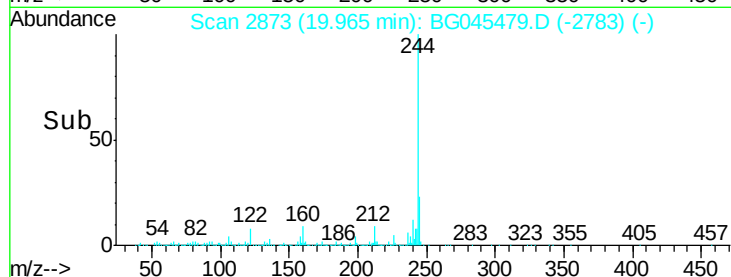
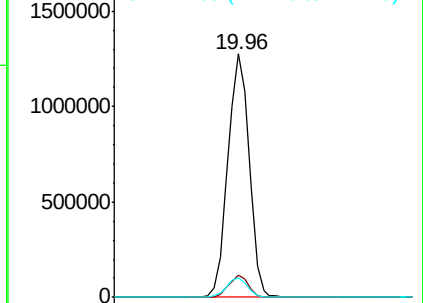
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.373 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

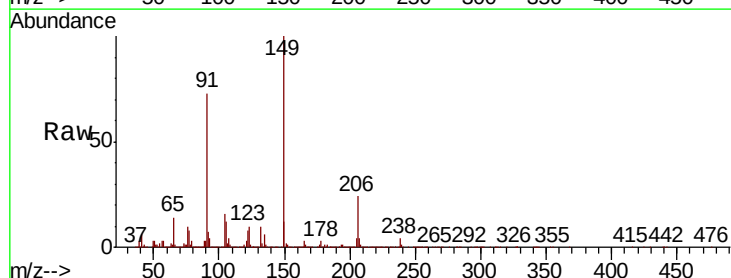
Tgt Ion:149 Resp: 515544

Ion Ratio Lower Upper

149 100

91 72.9 57.8 86.6

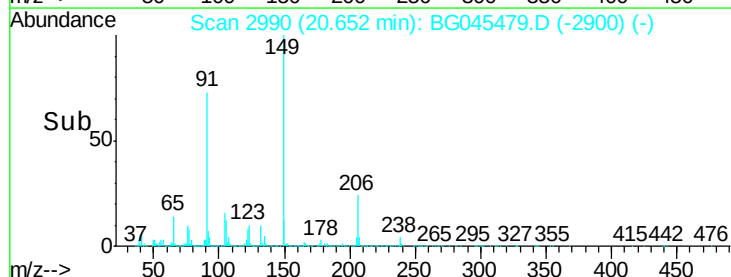
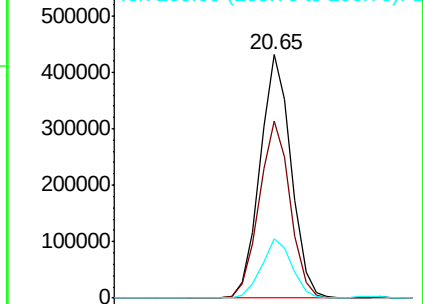
206 24.4 19.1 28.7

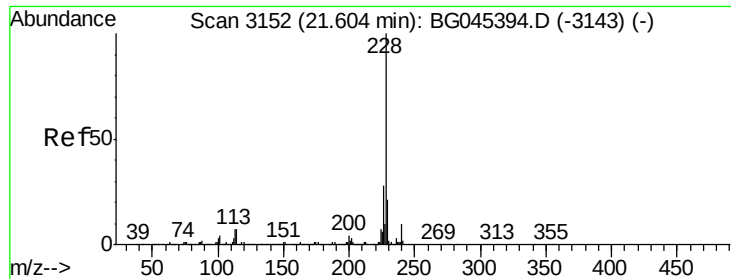


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.889 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

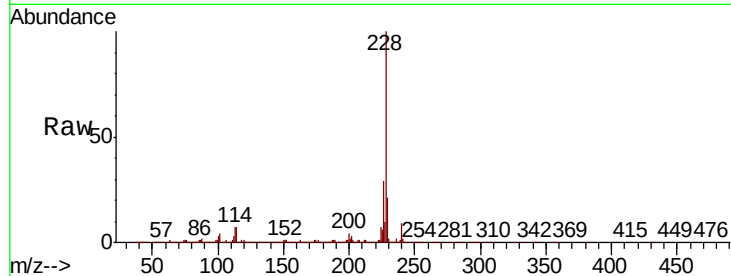
ClientSampled :

370MSD

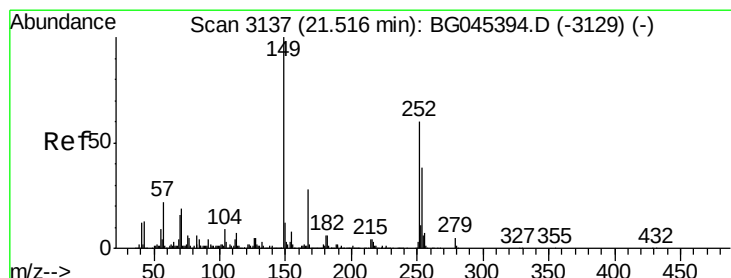
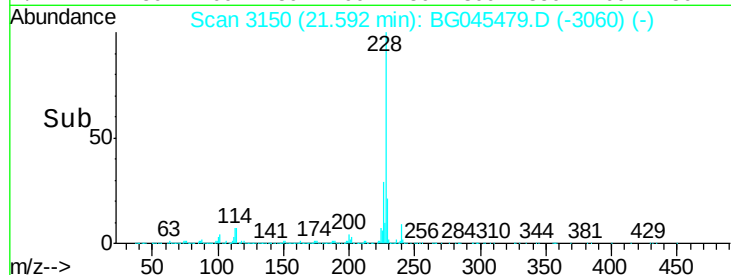
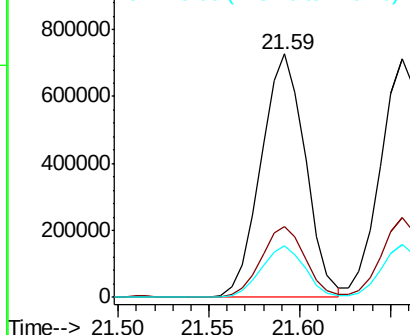
Tot Ion:	228	Resp:	1238227
Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.0	16.7	25.1

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
1000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.846 ng

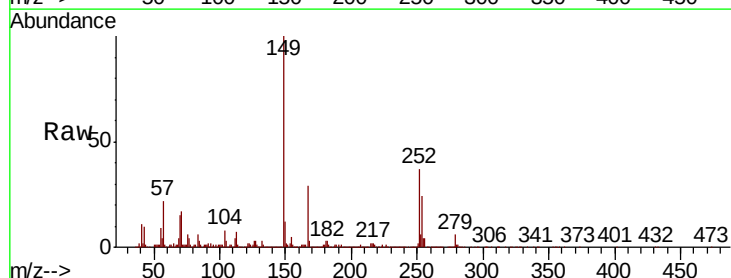
RT: 21.51 min Scan# 3136

Delta R.T. -0.00 min

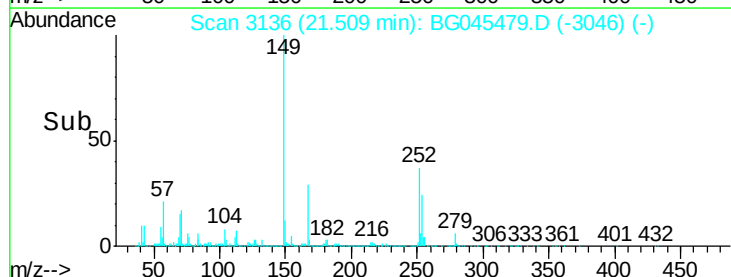
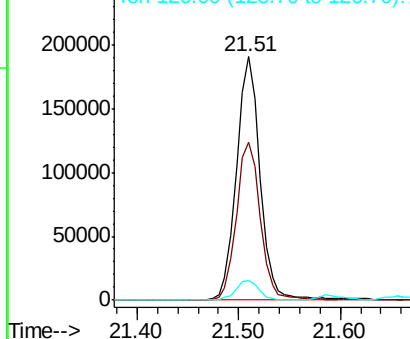
Lab File: BG045479.D

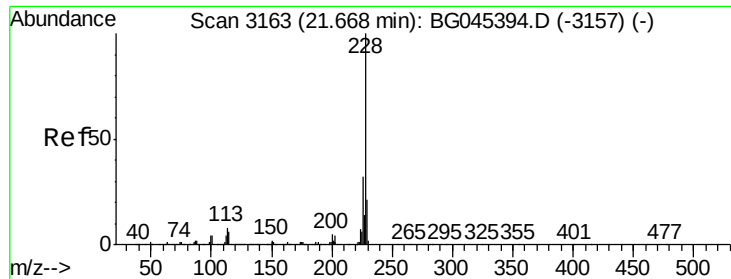
Acq: 27 May 2020 16:54

Tgt Ion:	252	Resp:	308163
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	8.2	6.6	10.0



Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





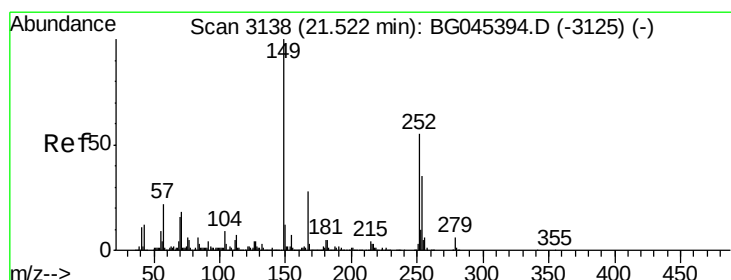
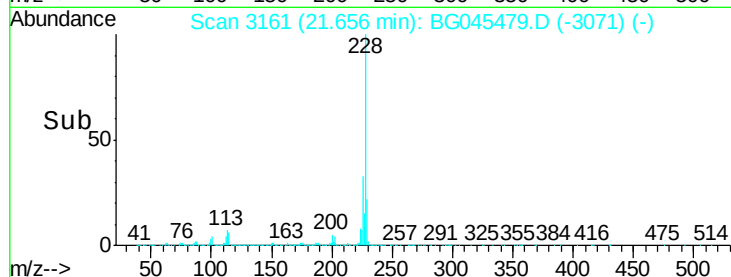
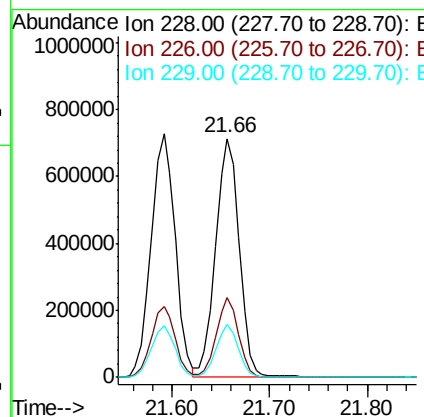
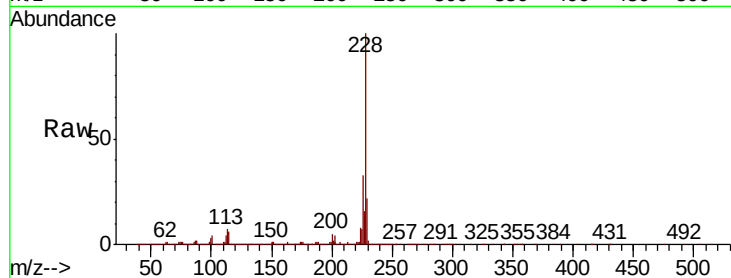
#83
Chrysene
Concen: 44.035 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampled :
370MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	25.2	37.8
229	21.9	16.7	25.1

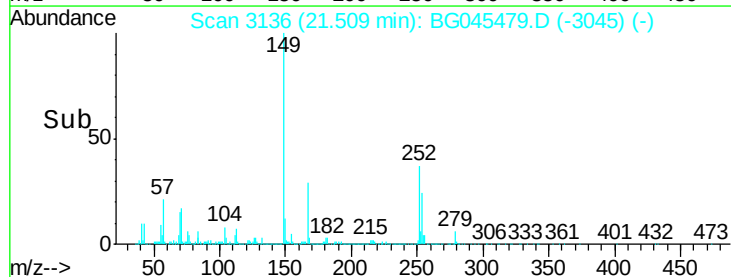
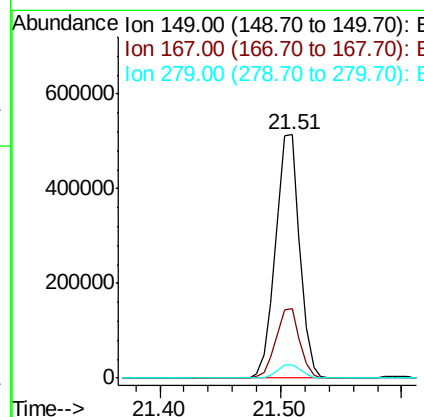
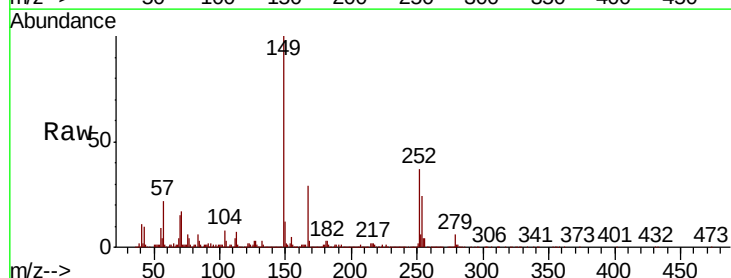
Manual Integrations
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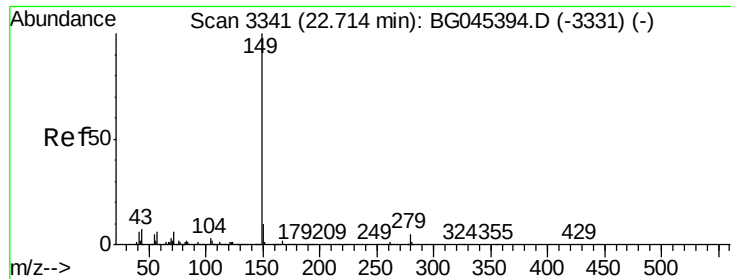
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.756 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.2	33.2
279	5.6	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 41.070 ng

RT: 22.70 min Scan# 3338

Delta R.T. 0.01 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

Instrument :

BNA_G

ClientSampleId :

370MSD

Tot Ion:149 Resp: 1208260

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

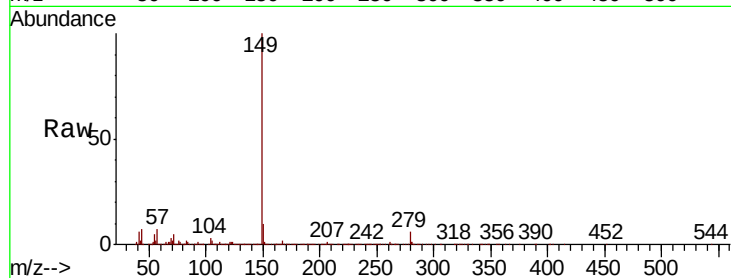
43 7.2 5.8 8.8

Manual Integrations

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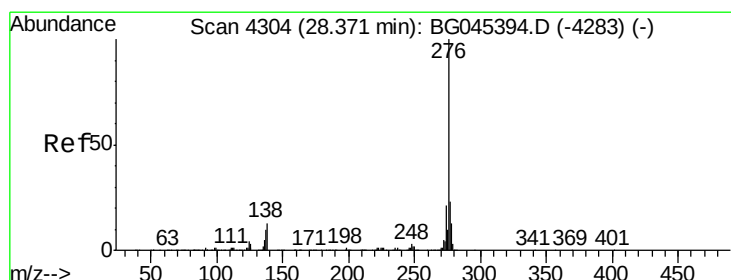
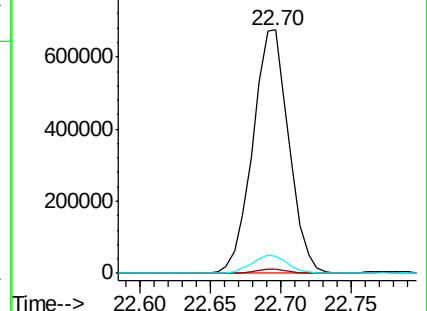
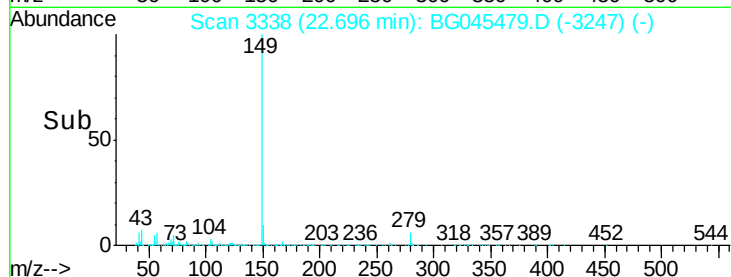
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.205 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.02 min

Lab File: BG045479.D

Acq: 27 May 2020 16:54

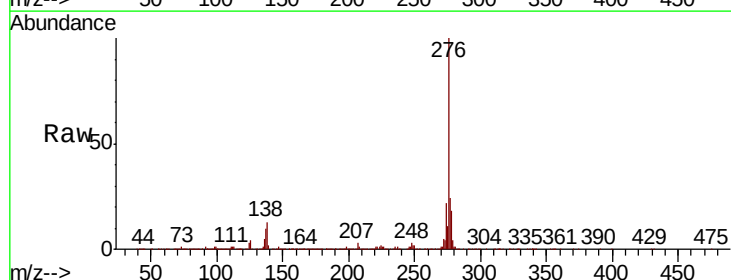
Tgt Ion:276 Resp: 1568101

Ion Ratio Lower Upper

276 100

138 9.6 8.6 12.8

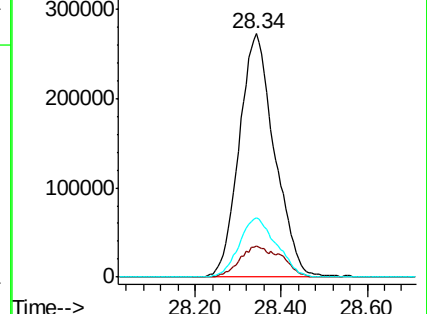
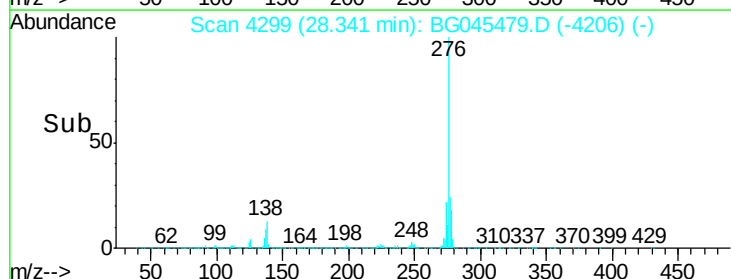
277 25.8 20.2 30.4

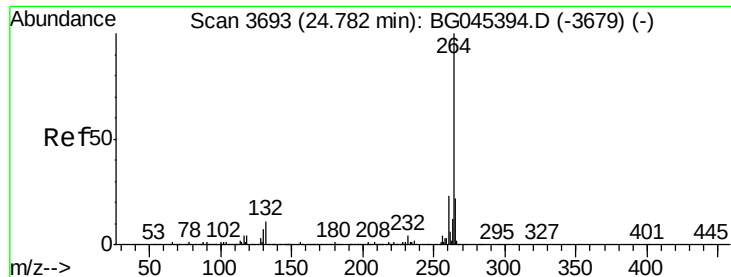


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





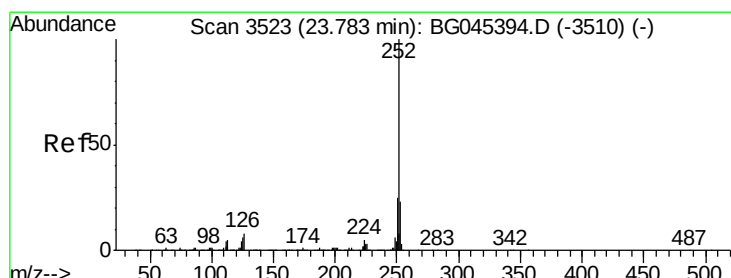
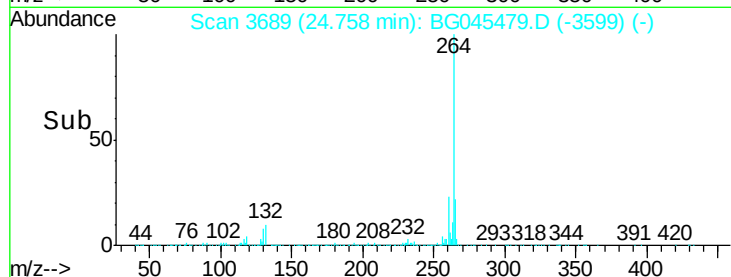
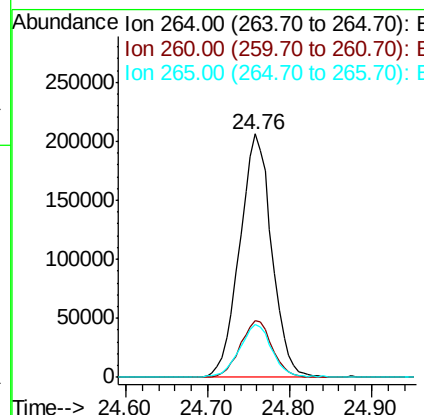
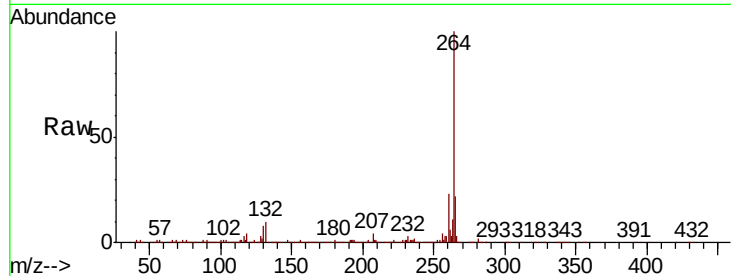
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampled :
370MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	21.8	17.6	26.4

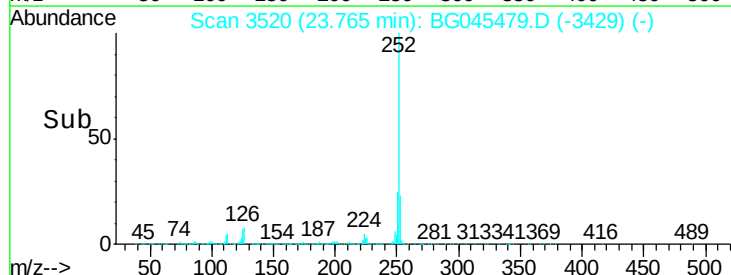
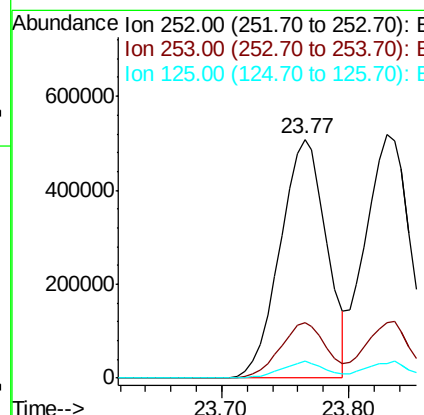
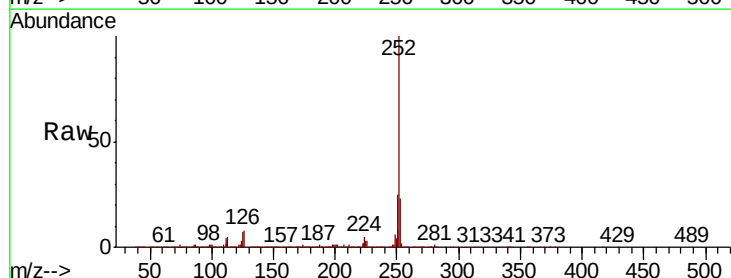
Manual Integrations
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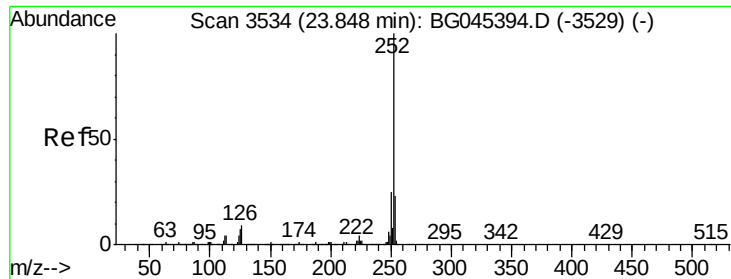
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.756 ng
RT: 23.77 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	7.0	5.0	7.6





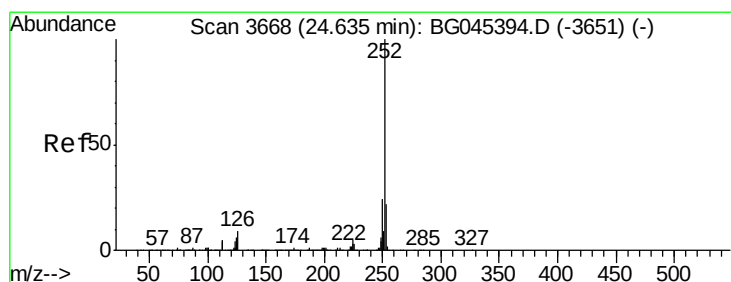
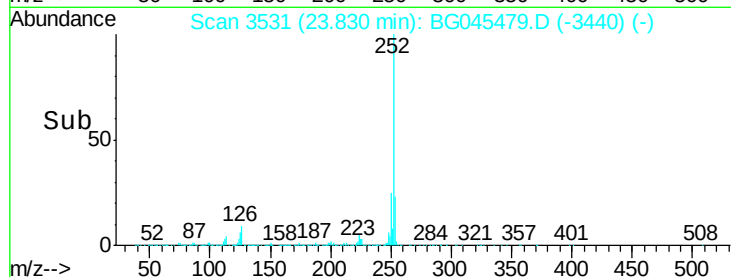
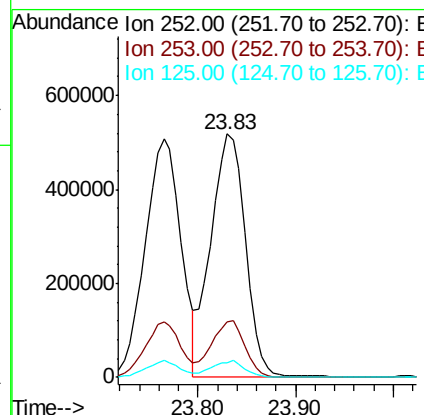
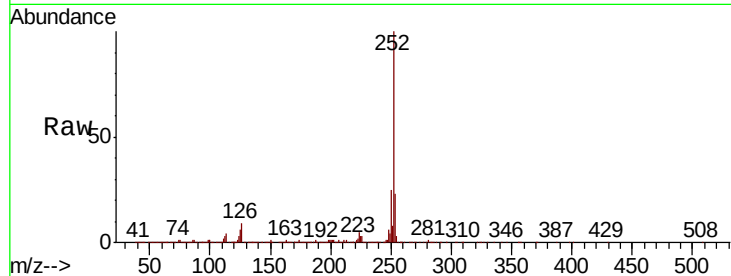
#89
Benzo(k)fluoranthene
Concen: 44.685 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	6.1	5.7	8.5

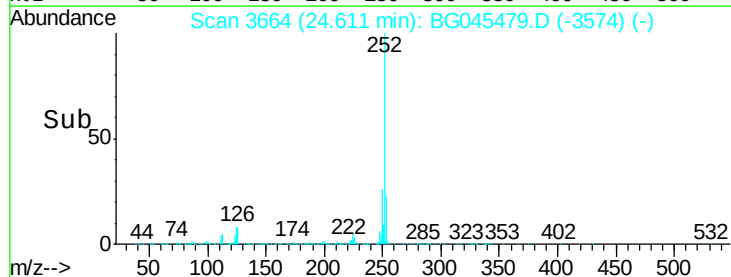
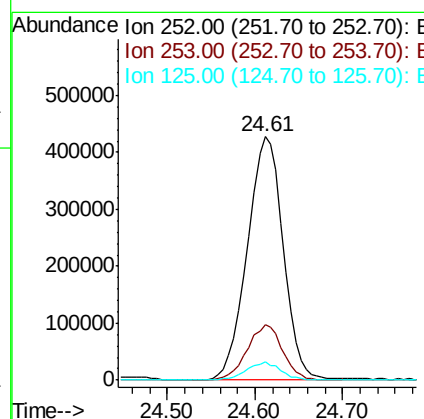
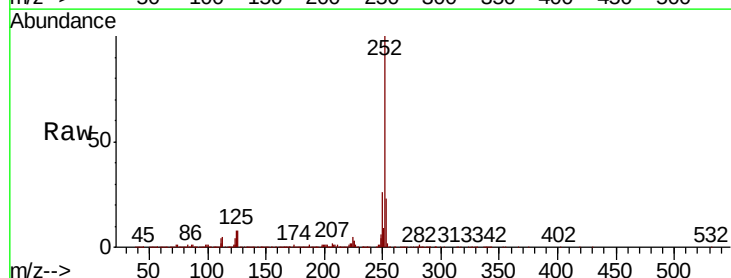
Manual Integrations
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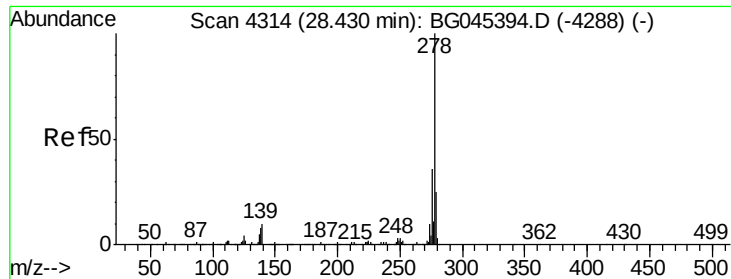
mohammad
5/29/2020 10:24:34 PM



#90
Benzo(a)pyrene
Concen: 42.263 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	7.7	5.0	7.6#





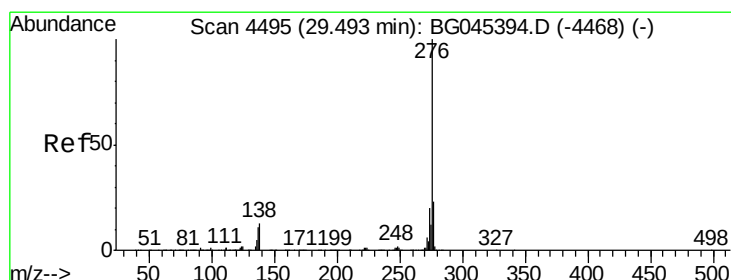
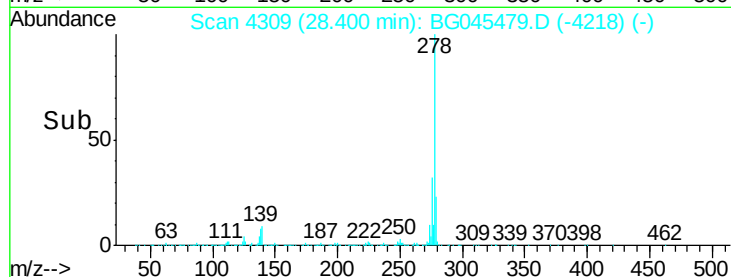
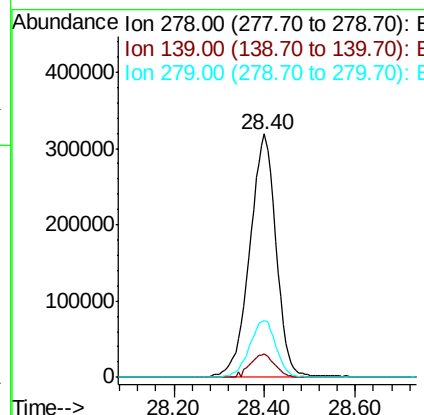
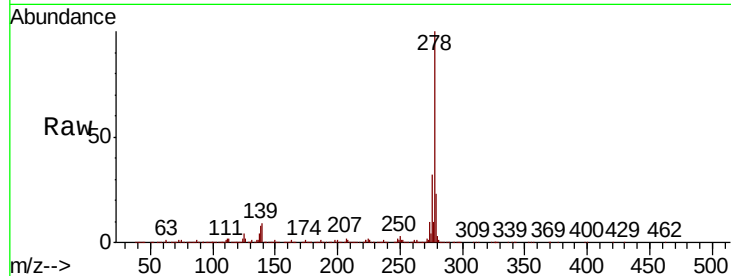
#91
Dibenzo(a,h)anthracene
Concen: 45.169 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Instrument :
BNA_G
ClientSampleId :
370MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.8	11.8
279	23.2	19.8	29.8

Manual Integrations
APPROVED

mohammad
5/29/2020 10:24:34 PM



#92
Benzo(g,h,i)perylene
Concen: 46.294 ng
RT: 29.46 min Scan# 4489
Delta R.T. 0.01 min
Lab File: BG045479.D
Acq: 27 May 2020 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	12.0	10.2	15.4

