

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045404.D
 Acq On : 15 May 2020 19:54
 Operator : CG/JU
 Sample : PB128906BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Manual Integrations
 APPROVED

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 5/18/2020 1:31:09 PM

Quant Time: May 16 00:32:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	64022	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	253107	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	176522	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	414999	20.00	ng	0.00
76) Chrysene-d12	21.62	240	402312	20.00	ng	0.00
87) Perylene-d12	24.78	264	460896	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	483330	147.54	ng	0.00
7) Phenol-d6	7.14	99	673323	144.41	ng	0.00
23) Nitrobenzene-d5	9.13	82	424605	91.48	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	300327	133.03	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	936150	89.96	ng	0.00
79) Terphenyl-d14	19.98	244	1632680	94.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	66103	40.691	ng	95
3) Pyridine	3.81	79	151785	33.548	ng	99
4) n-Nitrosodimethylamine	3.73	42	67798	45.794	ng	96
6) Aniline	7.29	93	226458	37.205	ng	99
8) 2-Chlorophenol	7.54	128	176124	49.025	ng	99
9) Benzaldehyde	7.09	77	131370	43.244	ng	99
10) Phenol	7.16	94	236208	49.153	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	167185	44.603	ng	97
12) 1,3-Dichlorobenzene	7.86	146	191295	44.310	ng	97
13) 1,4-Dichlorobenzene	8.00	146	193826	45.494	ng	98
14) 1,2-Dichlorobenzene	8.32	146	180583	44.069	ng	98
15) Benzyl Alcohol	8.20	79	181366	47.086	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	154310	43.370	ng	96
17) 2-Methylphenol	8.42	107	158592	44.091	ng	99
18) Hexachloroethane	9.06	117	76030	46.594	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	145702	45.189	ng	97
20) 3+4-Methylphenols	8.75	107	213181	43.524	ng	99
22) Acetophenone	8.79	105	265619	44.278	ng	98
24) Nitrobenzene	9.17	77	221206	44.483	ng	99
25) Isophorone	9.70	82	403974	44.194	ng	97
26) 2-Nitrophenol	9.88	139	100003	47.009	ng	92
27) 2,4-Dimethylphenol	9.95	122	167269	53.015	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	221023	46.106	ng	97
29) 2,4-Dichlorophenol	10.43	162	182321	48.934	ng	97
30) 1,2,4-Trichlorobenzene	10.64	180	198261	45.033	ng	98
31) Naphthalene	10.82	128	529239	44.871	ng	99
32) Benzoic acid	10.10	122	89065	42.862	ng	98
33) 4-Chloroaniline	10.93	127	128332	26.030	ng	97
34) Hexachlorobutadiene	11.12	225	136738	43.938	ng	98
35) Caprolactam	11.69	113	62126m	45.428	ng	
36) 4-Chloro-3-methylphenol	12.06	107	198375	47.250	ng	98
37) 2-Methylnaphthalene	12.43	142	403415	45.890	ng	98
38) 1-Methylnaphthalene	12.65	142	372880	44.903	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	225303	45.696	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	301371	105.900	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	157708	46.045	nq	98
44) 2,4,5-Trichlorophenol	13.12	196	167170	42.711	nq	98
46) 1,1'-Biphenyl	13.44	154	513228	47.317	nq	98
47) 2-Chloronaphthalene	13.49	162	387153	43.956	nq	98
48) 2-Nitroaniline	13.69	65	127571	44.032	nq	95
49) Acenaphthylene	14.33	152	650729	45.996	nq	99
50) Dimethylphthalate	14.06	163	535888	44.254	nq	98
51) 2,6-Dinitrotoluene	14.18	165	121302	44.393	nq	96
52) Acenaphthene	14.68	154	476437m	50.310	nq	
53) 3-Nitroaniline	14.51	138	76804	27.650	nq	92
54) 2,4-Dinitrophenol	14.72	184	145906	81.411	nq	99
55) Dibenzofuran	15.01	168	621979	44.228	nq	96
56) 4-Nitrophenol	14.84	139	194920	92.688	nq	96
57) 2,4-Dinitrotoluene	14.97	165	173980	43.964	nq	97
58) Fluorene	15.66	166	505526	43.755	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	162498	47.191	nq	98
60) Diethylphthalate	15.43	149	549030	43.561	nq	99
61) 4-Chlorophenyl-phenylether	15.65	204	281505	42.579	nq	98
62) 4-Nitroaniline	15.68	138	116724	40.253	nq	96
63) Azobenzene	15.95	77	516851	43.979	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	108681	44.966	nq	95
66) n-Nitrosodiphenylamine	15.86	169	457492	45.914	nq	98
67) 4-Bromophenyl-phenylether	16.55	248	195988	43.613	nq	96
68) Hexachlorobenzene	16.68	284	211801	45.063	nq	98
69) Atrazine	16.82	200	179118	43.644	nq	98
70) Pentachlorophenol	17.02	266	239894	98.298	nq	99
71) Phenanthrene	17.40	178	823323	45.445	nq	99
72) Anthracene	17.49	178	855230	47.007	nq	98
73) Carbazole	17.76	167	797275	44.956	nq	99
74) Di-n-butylphthalate	18.33	149	934215	43.889	nq	99
75) Fluoranthene	19.41	202	1069055	46.392	nq	100
77) Benzidine	19.59	184	503625	44.572	nq	99
78) Pyrene	19.77	202	1054690	45.989	nq	99
80) Butylbenzylphthalate	20.66	149	436480	44.094	nq	98
81) Benzo(a)anthracene	21.60	228	1018766	45.457	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	270954	30.821	nq	100
83) Chrysene	21.67	228	977765	45.373	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	617193	45.358	nq	100
85) Di-n-octyl phthalate	22.71	149	1043495	44.650	nq	100
86) Indeno(1,2,3-cd)pyrene	28.36	276	1306667	46.369	nq	# 97
88) Benzo(b)fluoranthene	23.78	252	1092161	44.184	nq	100
89) Benzo(k)fluoranthene	23.85	252	1077032	46.379	nq	99
90) Benzo(a)pyrene	24.63	252	1012483	43.981	nq	98
91) Dibenzo(a,h)anthracene	28.43	278	1055383	45.621	nq	99
92) Benzo(g,h,i)perylene	29.49	276	1081187	46.730	nq	99

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

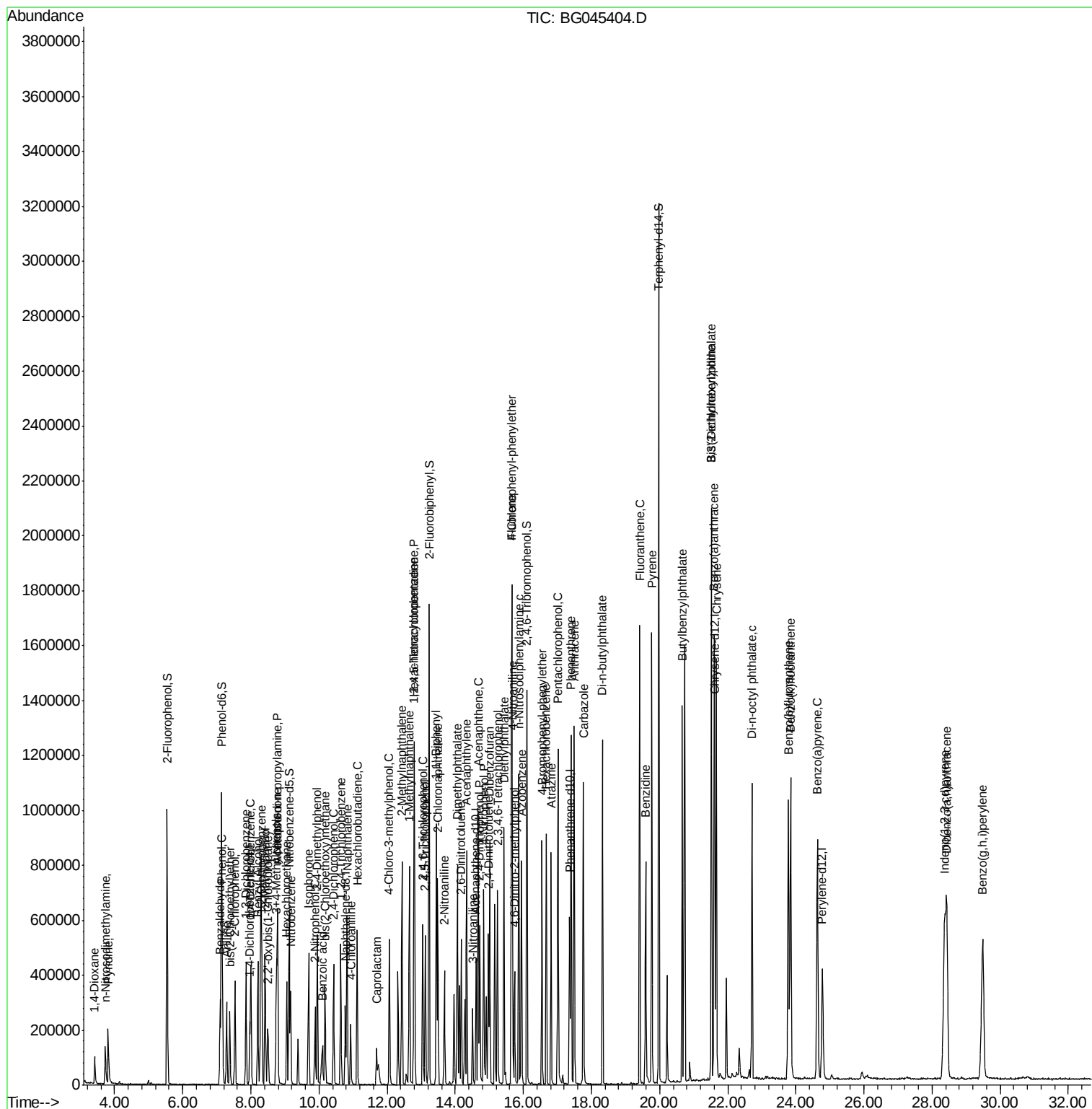
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
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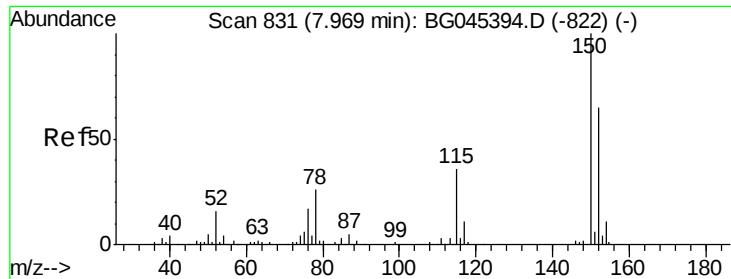
Instrument :
 BNA_G
 ClientSampleId :
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#1

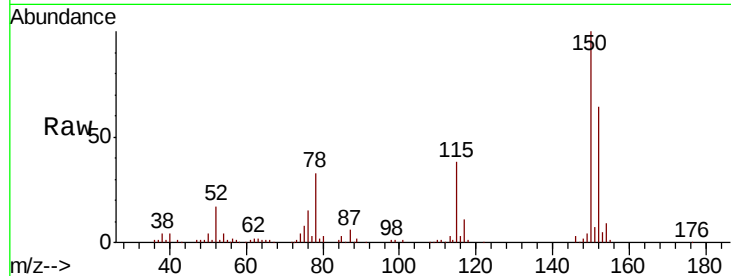
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.4	183.6
115	59.1	44.2	66.4

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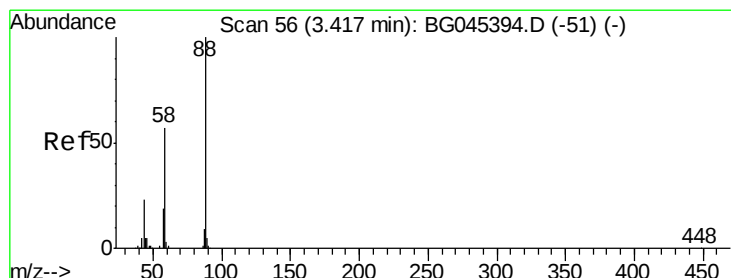
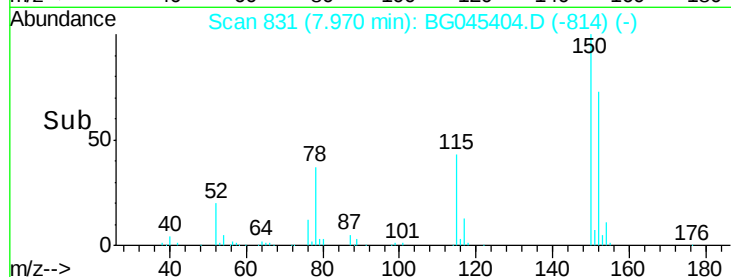
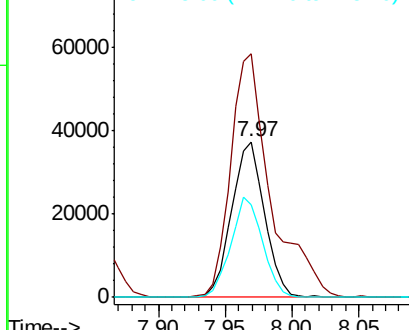


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

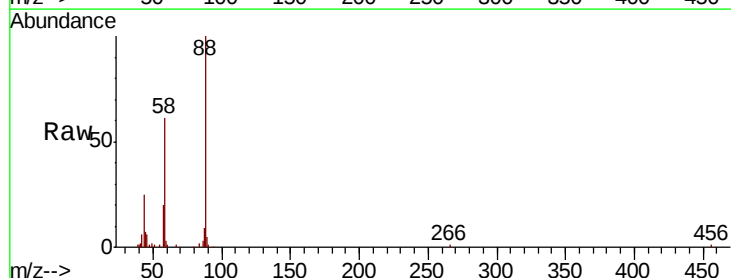
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.691 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	45.7	68.5
43	25.1	16.8	25.2

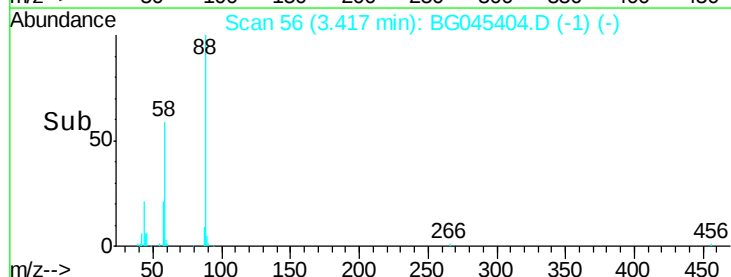
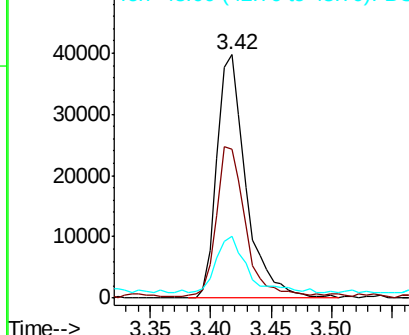


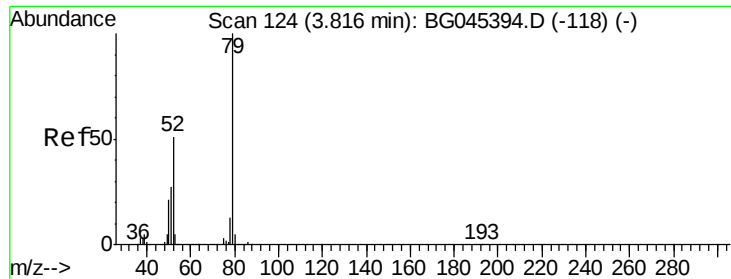
Abundance

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: 33.548 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

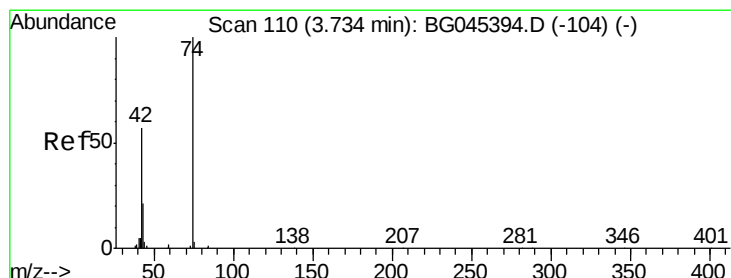
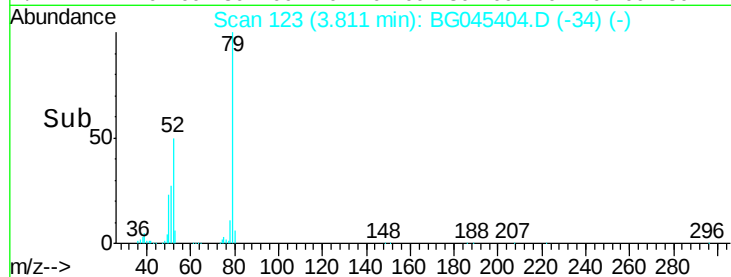
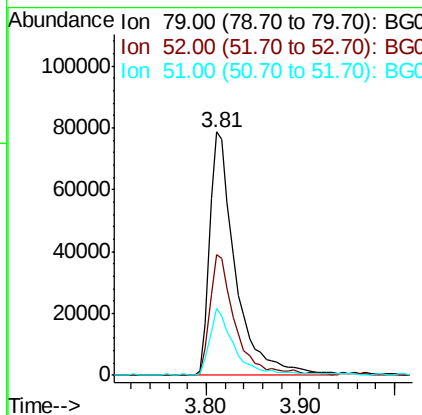
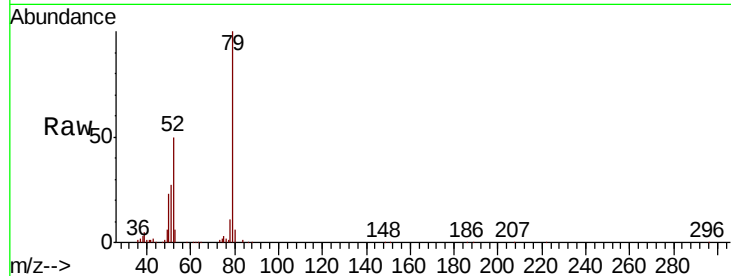
ClientSampled :

PB128906BSD

Tot Ion:	79	Resp:	151785
Ion	Ratio	Lower	Upper
79	100		
52	49.5	40.8	61.2
51	27.3	21.9	32.9

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#4

n-Nitrosodimethylamine

Concen: 45.794 ng

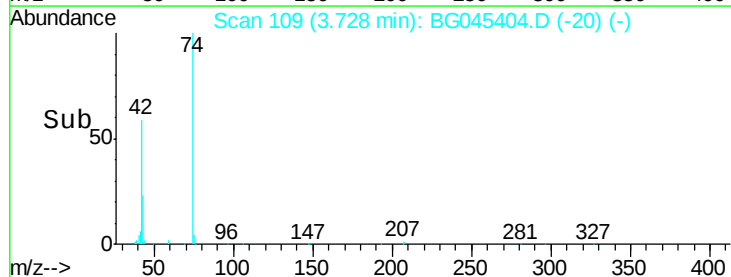
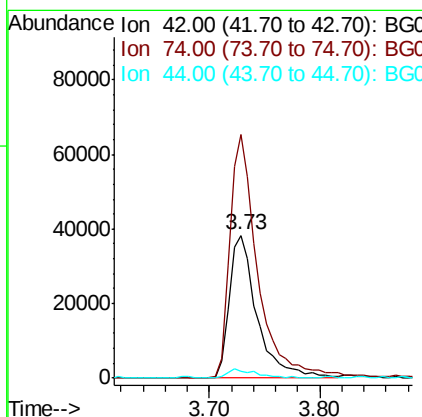
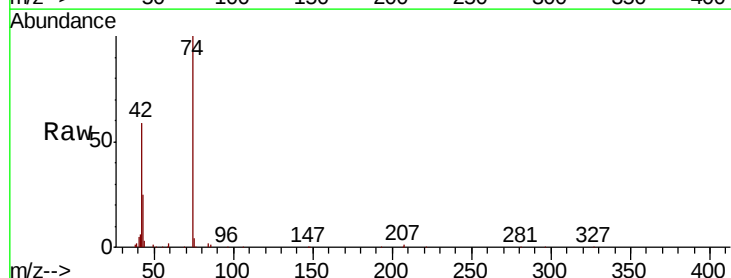
RT: 3.73 min Scan# 109

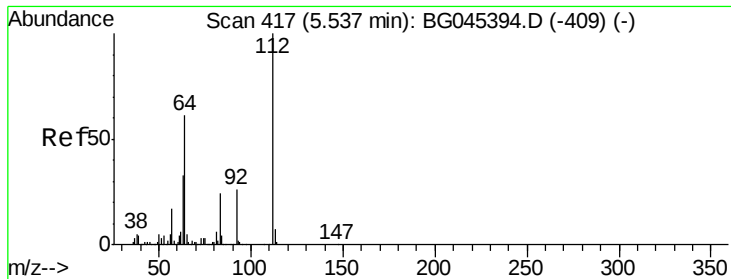
Delta R.T. -0.01 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	42	Resp:	67798
Ion	Ratio	Lower	Upper
42	100		
74	170.4	141.3	211.9
44	4.5	4.2	6.4





#5

2-Fluorophenol

Concen: 147.538 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

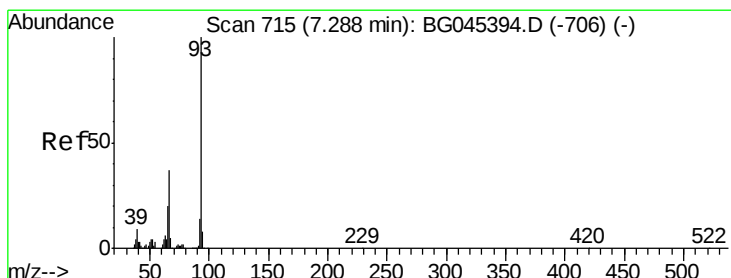
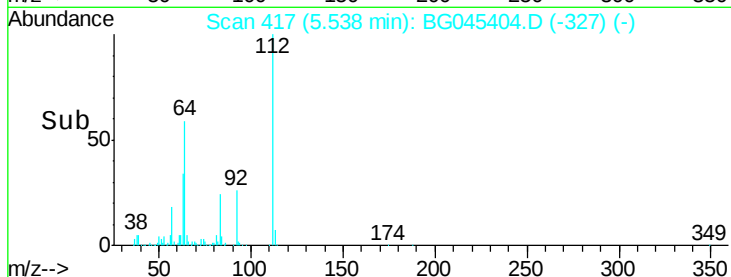
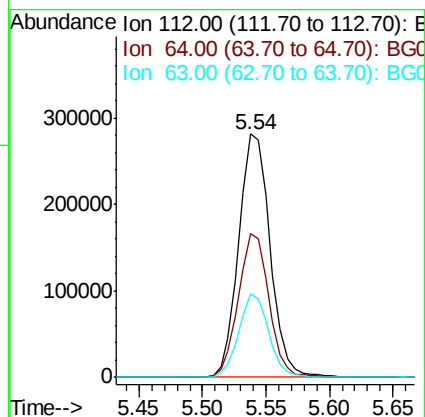
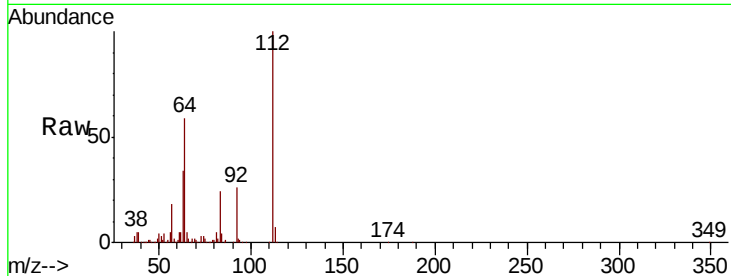
ClientSampleId :

PB128906BSD

Tot Ion:	112	Resp:	483330
Ion Ratio	Lower	Upper	
112	100		
64	58.8	48.6	72.8
63	34.2	26.5	39.7

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#6

Aniline

Concen: 37.205 ng

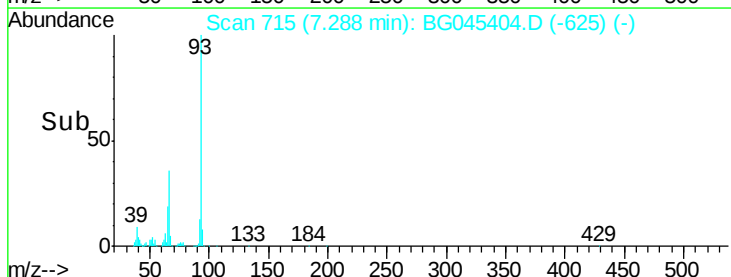
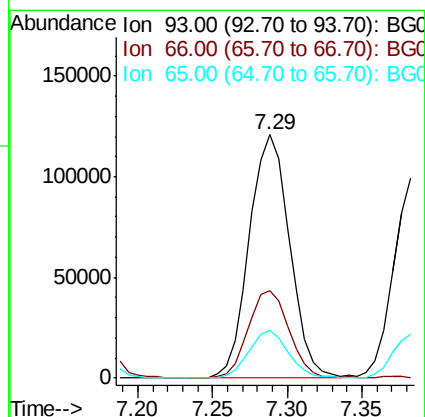
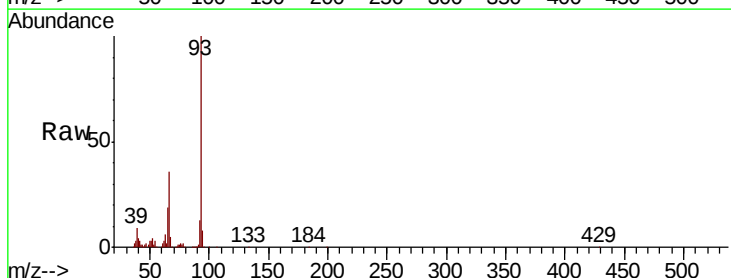
RT: 7.29 min Scan# 715

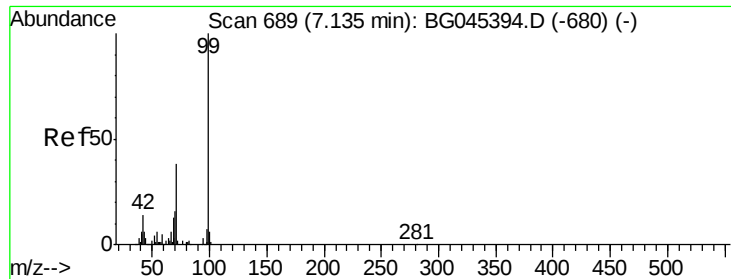
Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	93	Resp:	226458
Ion Ratio	Lower	Upper	
93	100		
66	36.1	29.6	44.4
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 144.407 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045404.D

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Instrument :

BNA_G

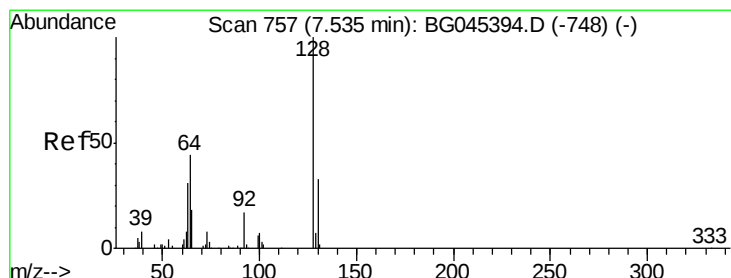
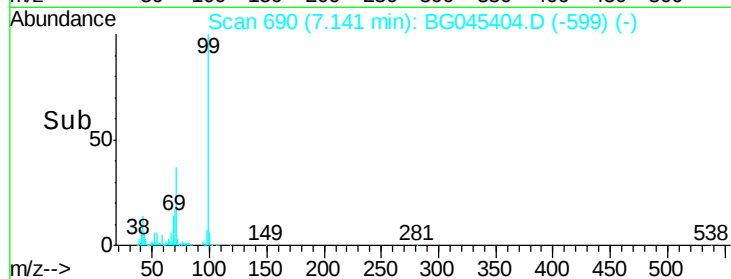
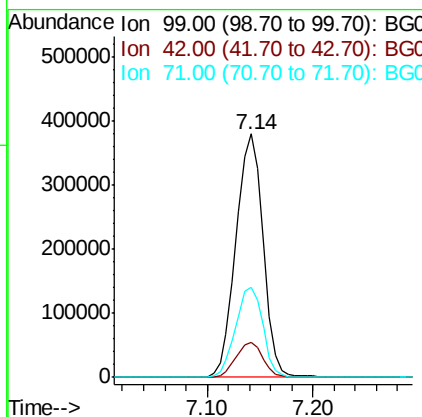
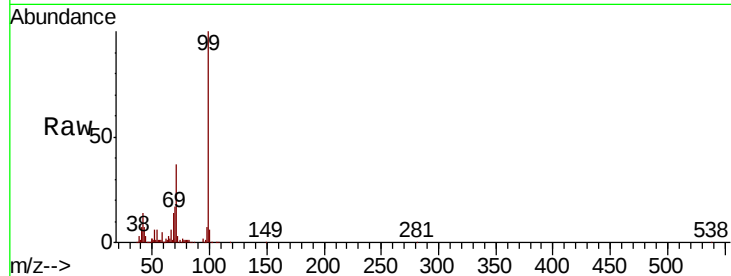
ClientSampleId :

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Tot Ion:	99	Resp:	673323
Ion Ratio	Lower	Upper	
99	100		
42	14.2	11.3	16.9
71	37.1	30.8	46.2

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#8

2-Chlorophenol

Concen: 49.025 ng

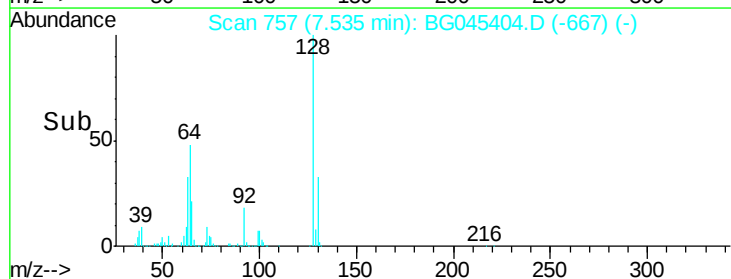
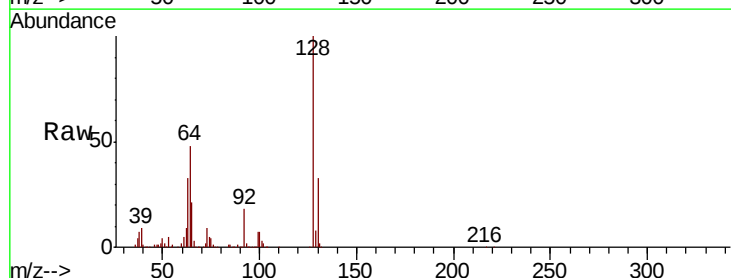
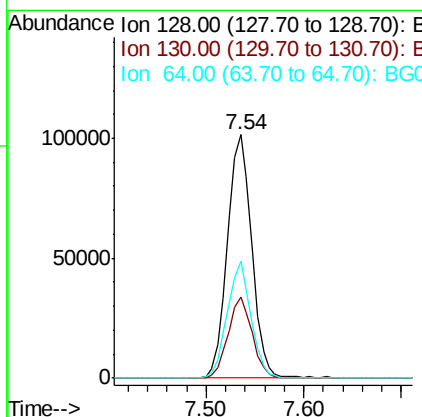
RT: 7.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	128	Resp:	176124
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.6	52.6
64	48.0	27.0	67.0





#9

Benzaldehyde

Concen: 43.244 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

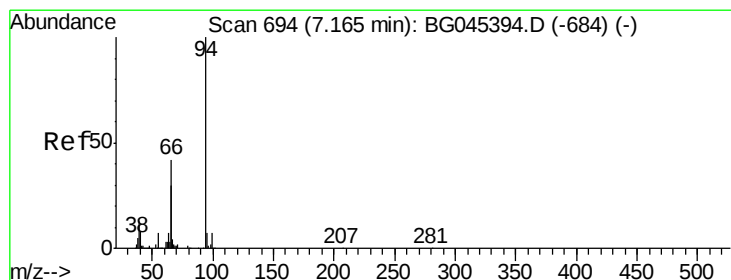
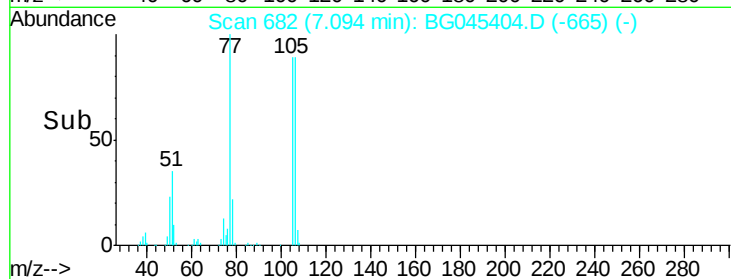
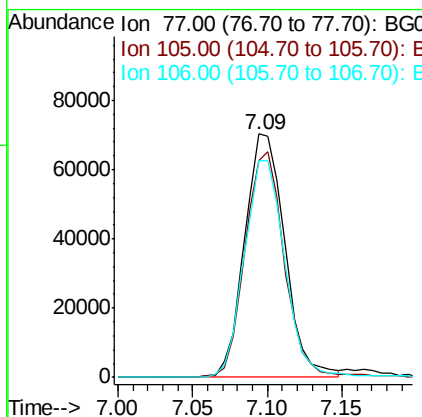
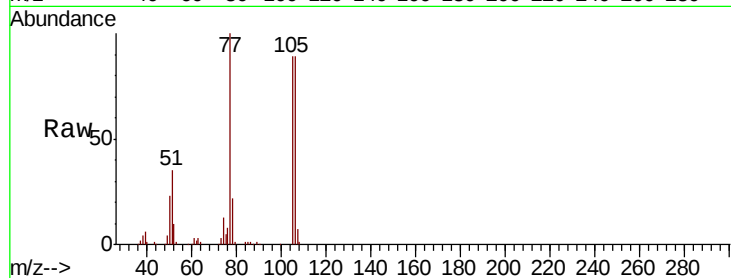
ClientSampleId :

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Tot Ion:	77	Resp:	131370
Ion Ratio	Lower	Upper	
77	100		
105	89.0	68.5	108.5
106	89.3	71.6	111.6

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#10

Phenol

Concen: 49.153 ng

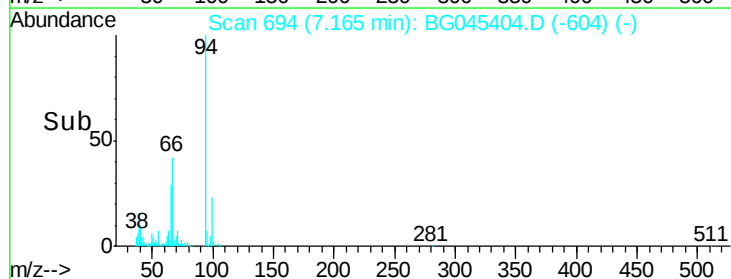
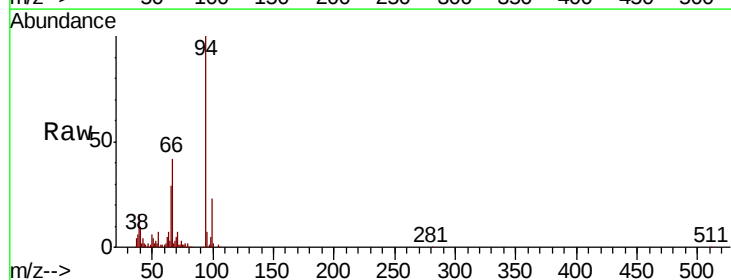
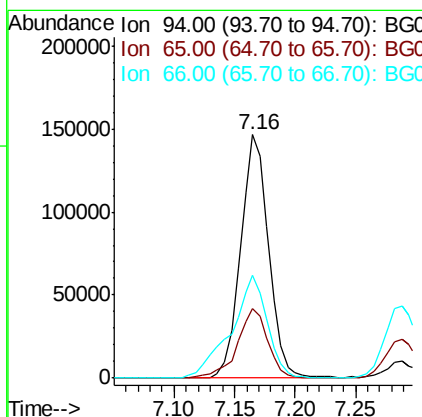
RT: 7.16 min Scan# 694

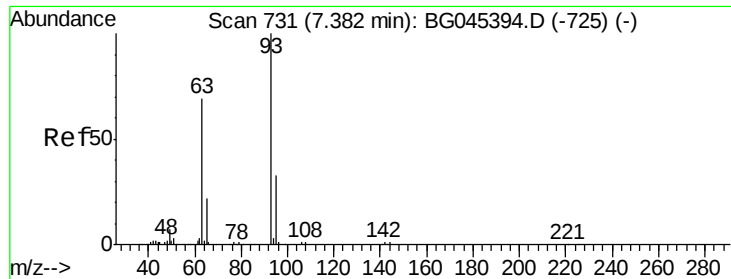
Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	94	Resp:	236208
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.8	49.8
66	42.4	22.0	62.0





#11

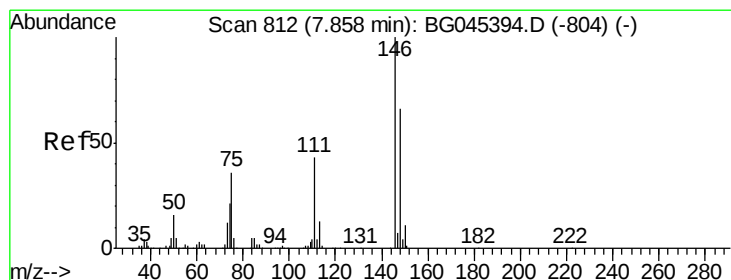
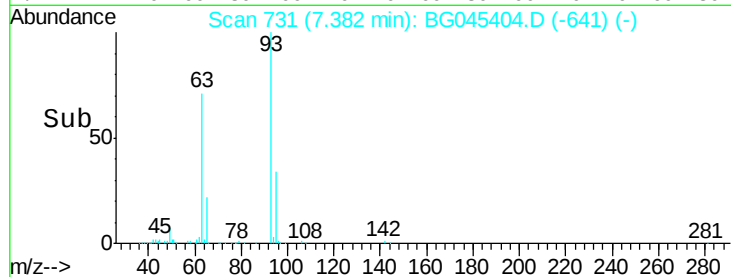
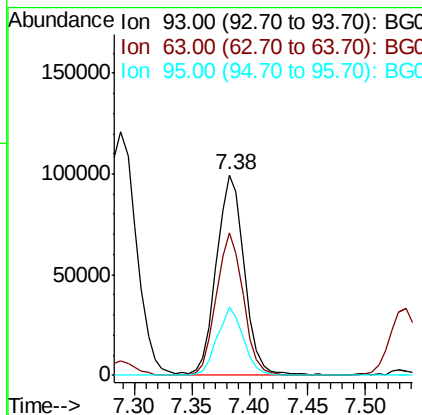
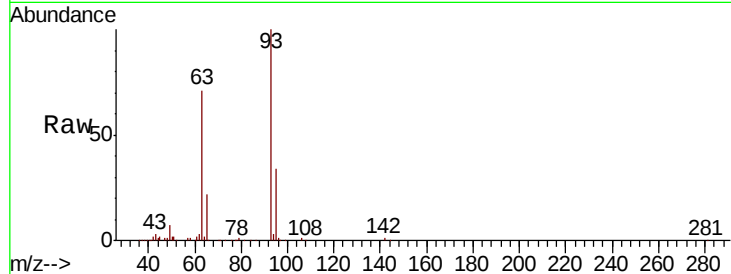
bis(2-Chloroethyl)ether
Concen: 44.603 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		167185		
63	70.9	48.4		88.4	
95	33.9	12.4		52.4	

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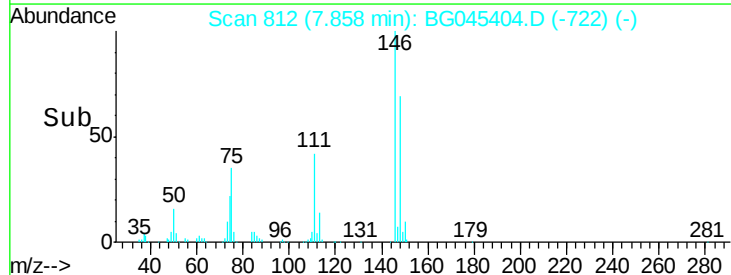
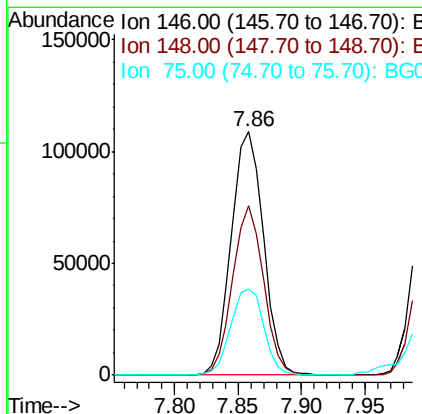
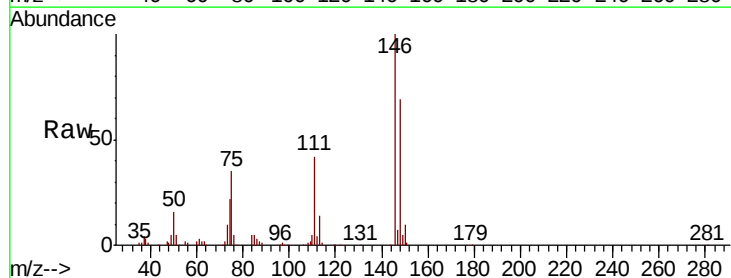
mohammad
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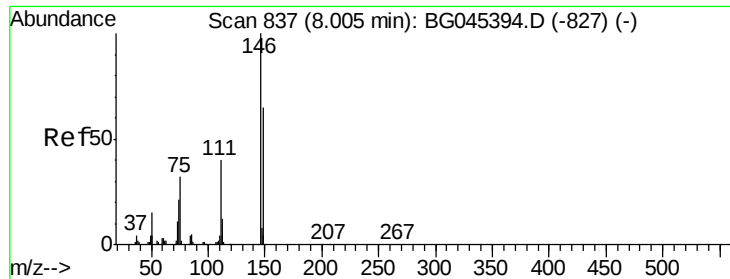


#12

1,3-Dichlorobenzene
Concen: 44.310 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		191295		
148	69.3	53.2		79.8	
75	35.2	28.6		43.0	





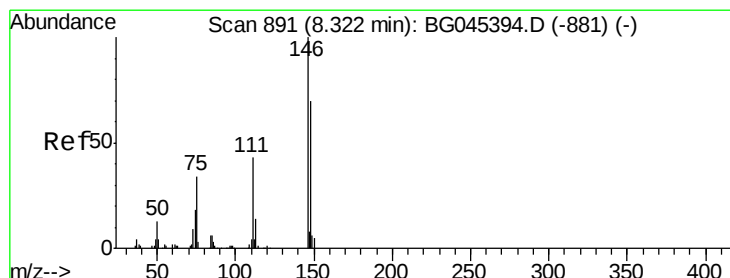
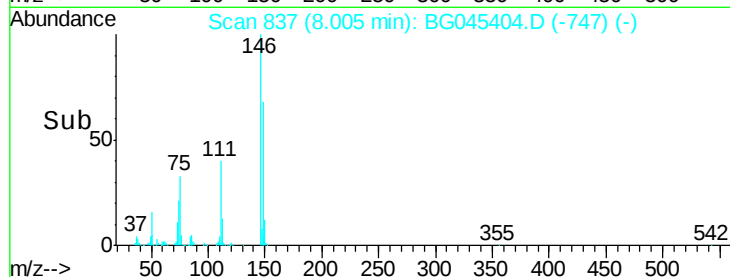
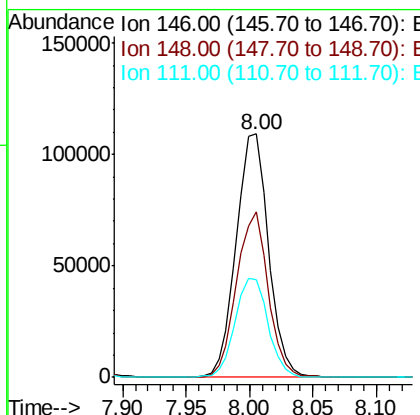
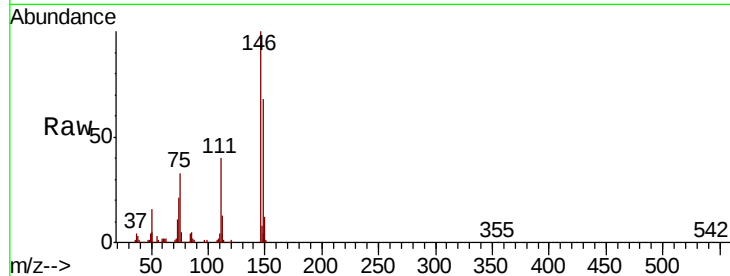
#13
 1,4-Dichlorobenzene
 Concen: 45.494 ng
 RT: 8.00 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.8	77.8
111	40.1	32.1	48.1

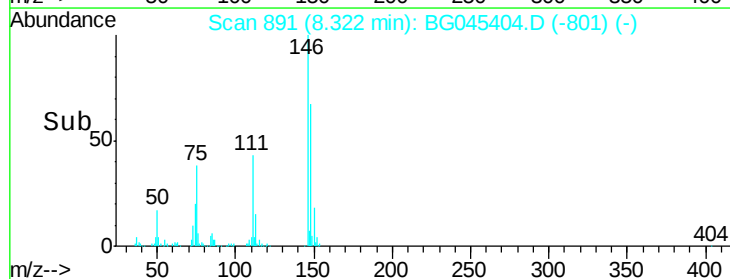
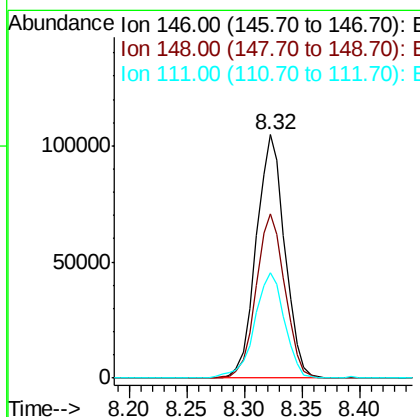
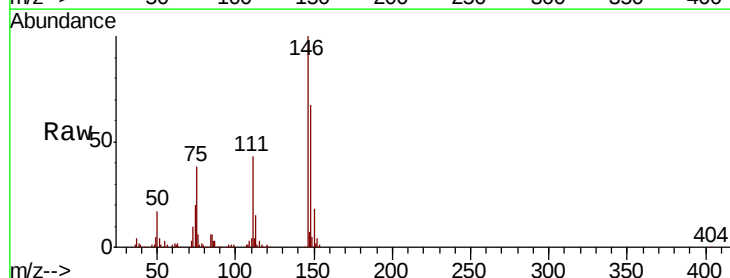
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#14
 1,2-Dichlorobenzene
 Concen: 44.069 ng
 RT: 8.32 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	55.9	83.9
111	43.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 47.086 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

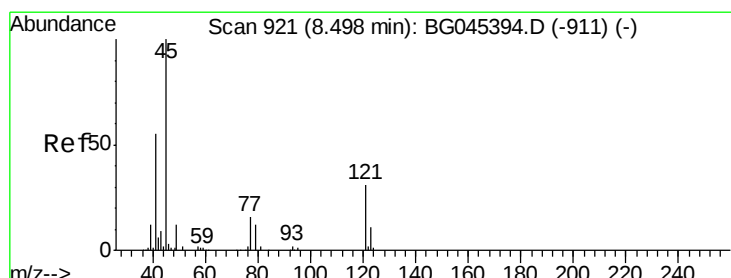
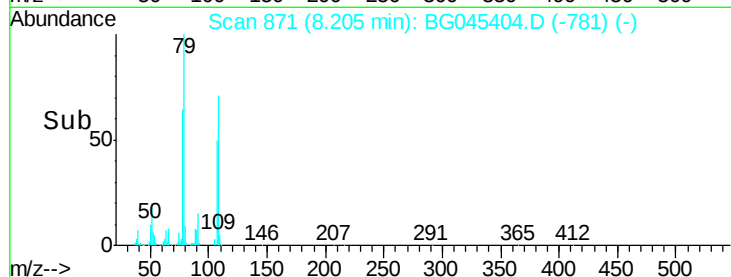
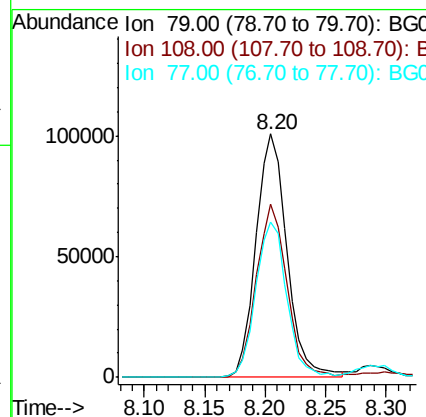
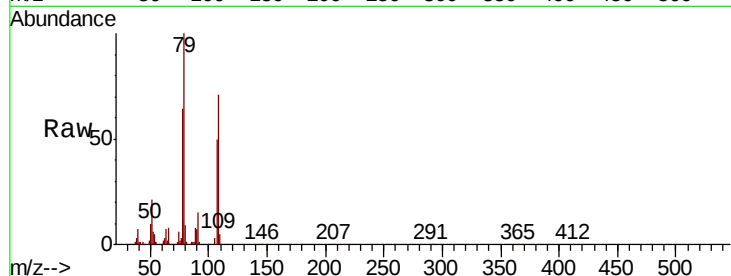
ClientSampleID :

PB128906BSD

Tot Ion:	79	Resp:	181366
Ion	Ratio	Lower	Upper
79	100		
108	71.0	58.2	87.4
77	63.7	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.370 ng

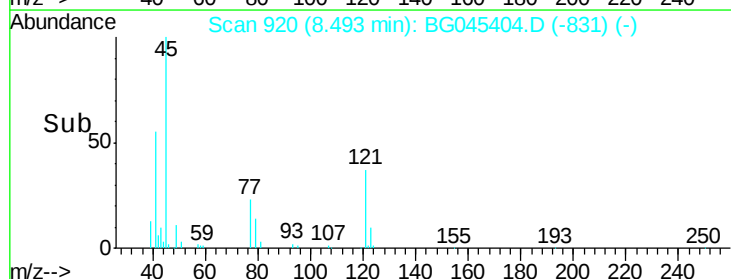
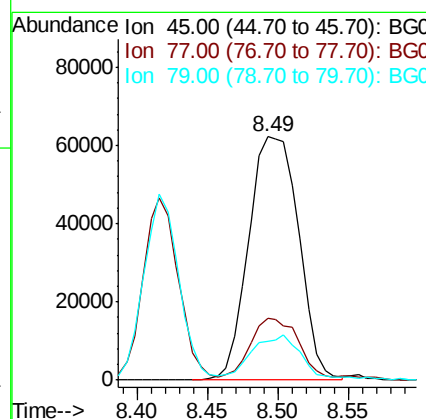
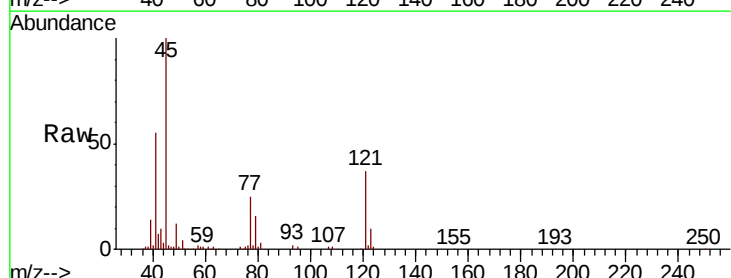
RT: 8.49 min Scan# 920

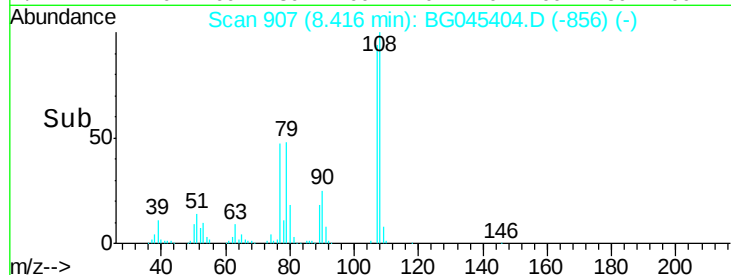
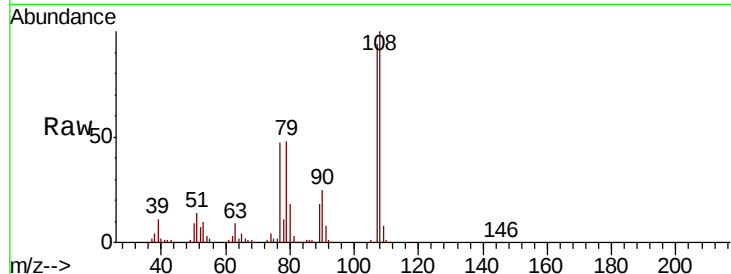
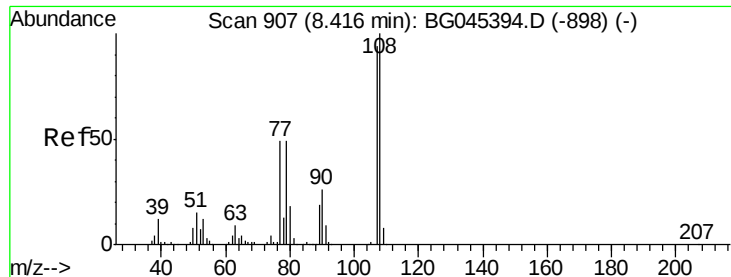
Delta R.T. -0.01 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	45	Resp:	154310
Ion	Ratio	Lower	Upper
45	100		
77	25.4	4.0	44.0
79	15.8	0.0	38.6





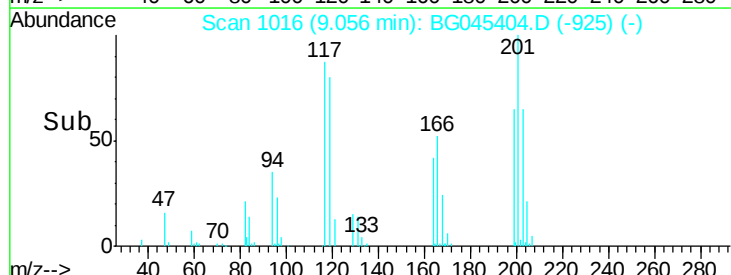
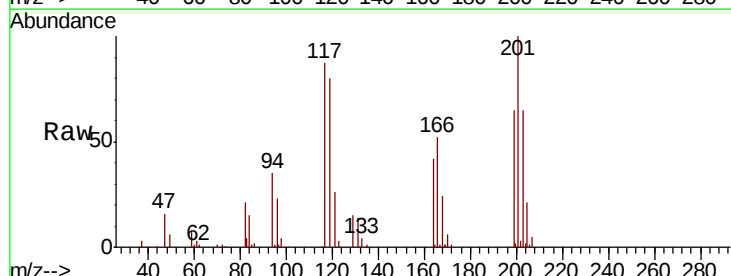
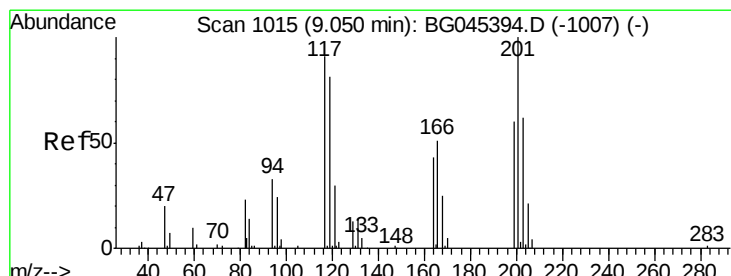
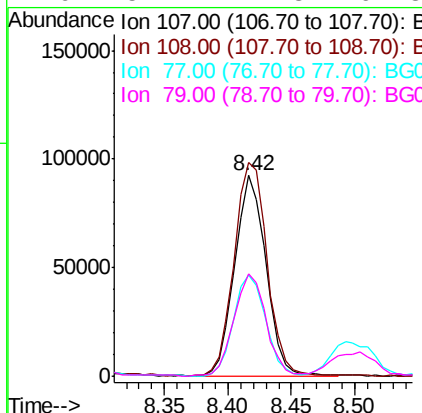
#17
2-Methylphenol
Concen: 44.091 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.4	85.2	127.8	
77	50.3	41.6	62.4	
79	51.4	41.8	62.8	

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

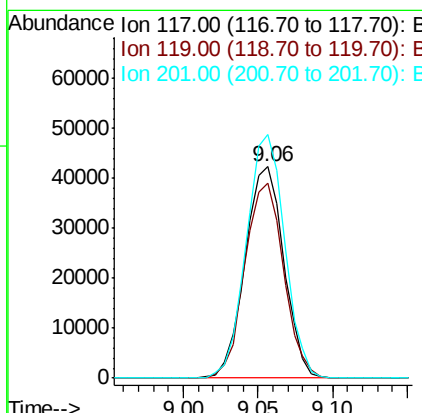
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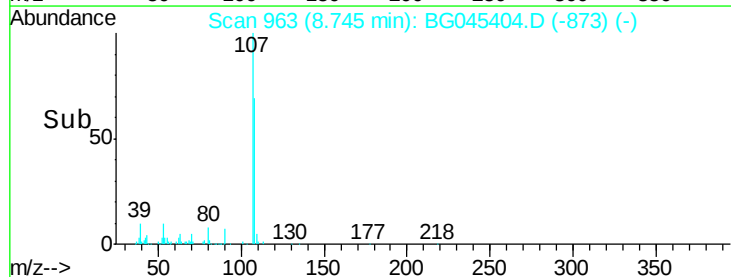
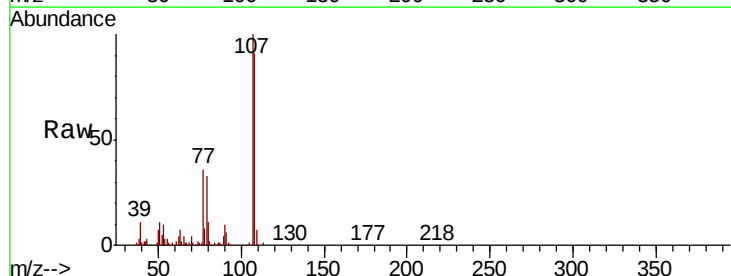
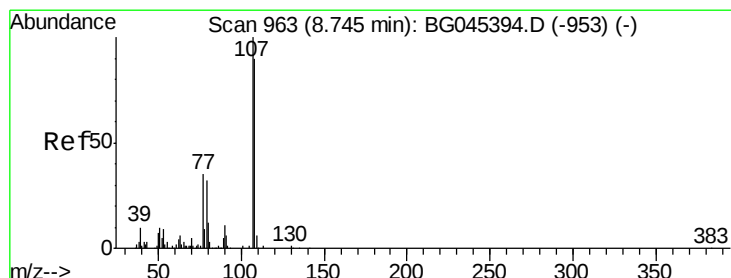
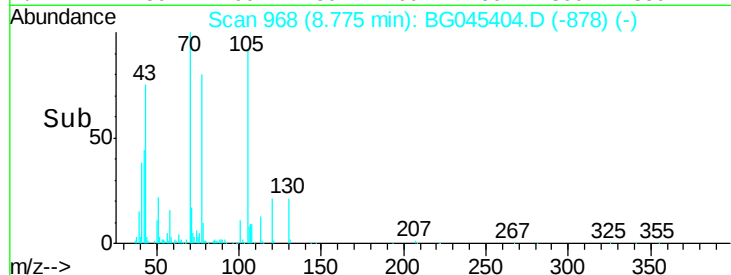
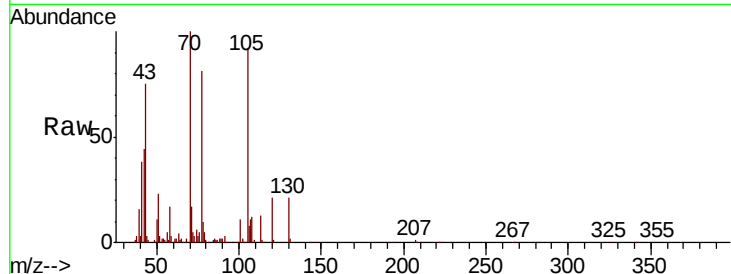
mohammad
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#18
Hexachloroethane
Concen: 46.594 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

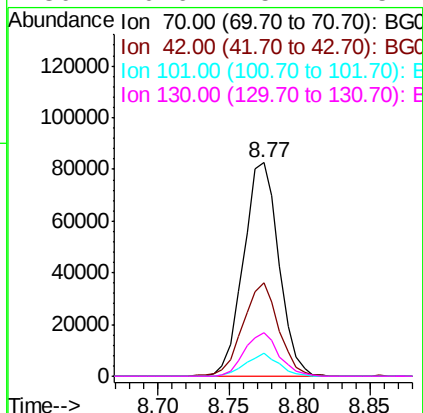
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.2	71.3	106.9	
201	115.3	87.5	131.3	





#19
n-Nitroso-di-n-propylamine
Concen: 45.189 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		145702		
42	43.9	33.2	49.8		
101	10.5	7.8	11.6		
130	20.6	15.4	23.2		



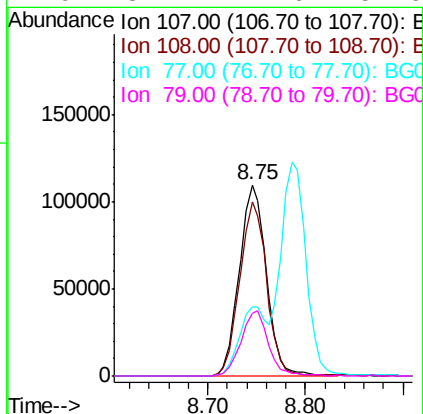
Instrument :
BNA_G
ClientSampleId :
PB128906BSD

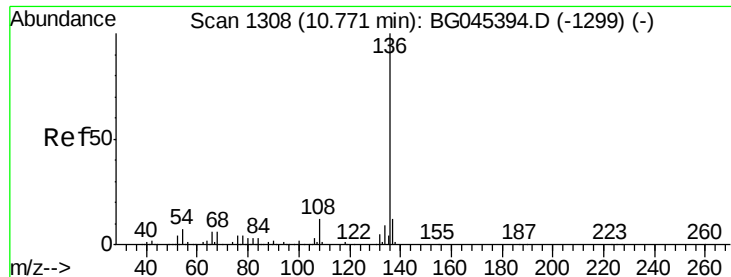
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#20
3+4-Methylphenols
Concen: 43.524 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		213181		
108	90.9	70.3	110.3		
77	35.9	15.4	55.4		
79	32.7	12.6	52.6		





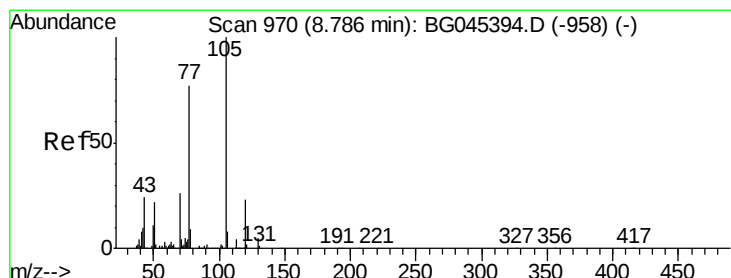
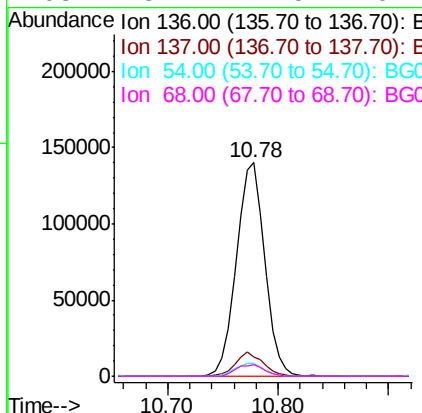
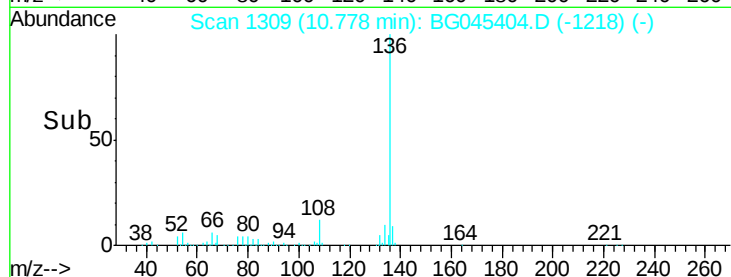
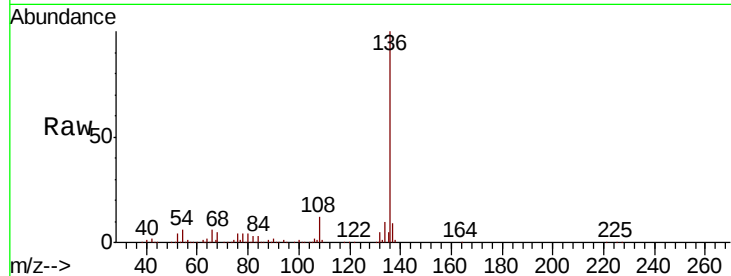
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	253107		
137	9.1	9.4	14.2#	
54	6.1	5.8	8.6	
68	5.4	4.5	6.7	

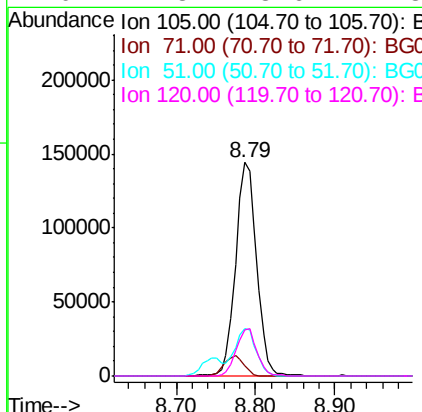
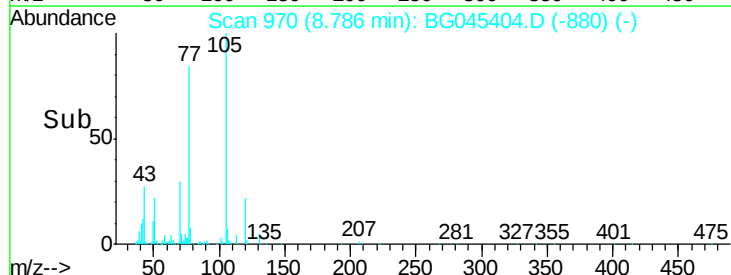
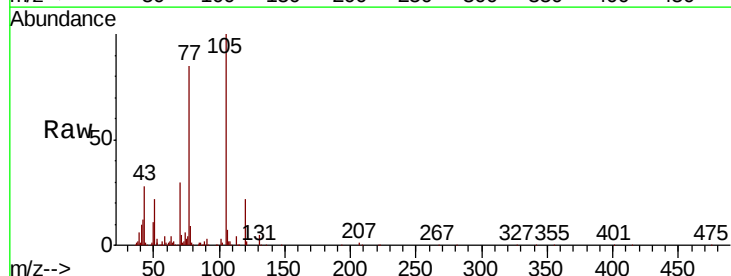
Manual Integrations
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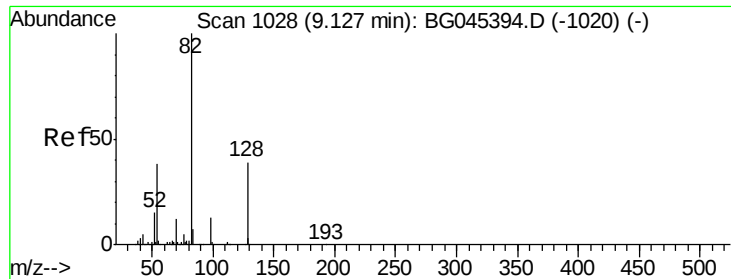
mohammad
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#22
Acetophenone
Concen: 44.278 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	265619		
71	4.8	3.4	5.0	
51	22.2	18.2	27.2	
120	21.8	18.6	27.8	





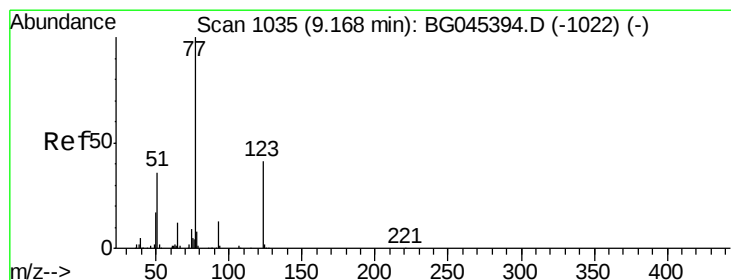
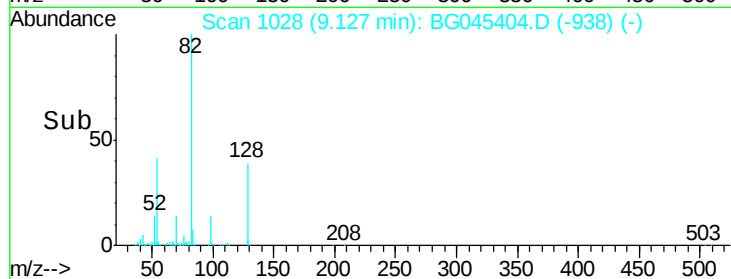
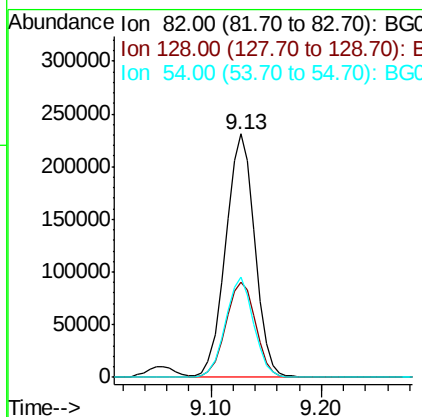
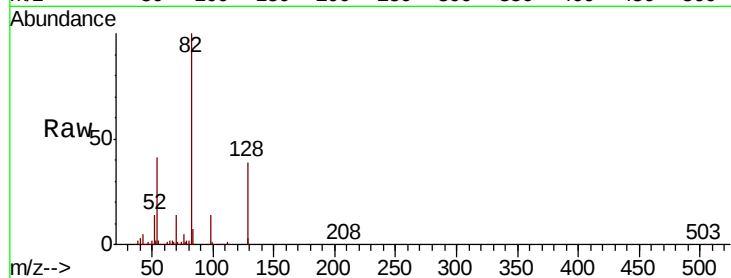
#23
 Nitrobenzene-d5
 Concen: 91.481 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	30.9	46.3
54	41.0	30.3	45.5

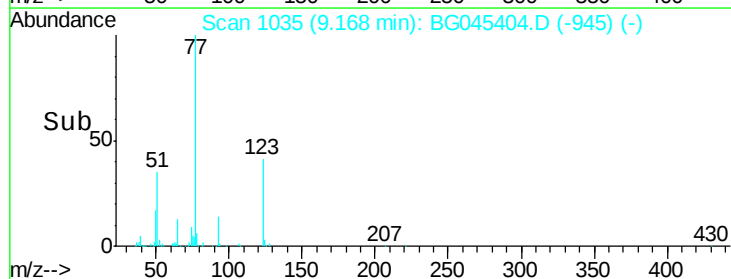
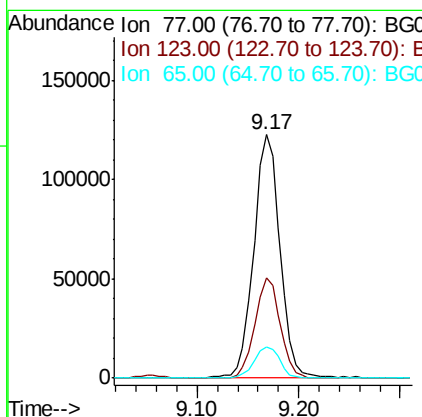
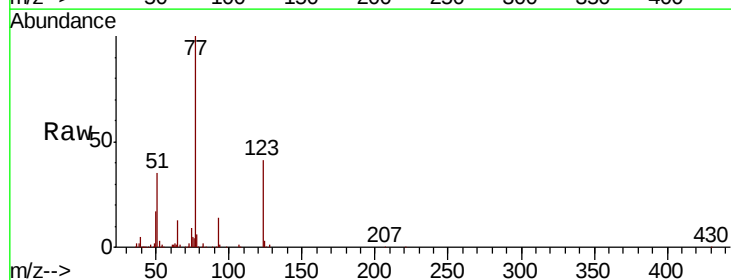
Manual Integrations
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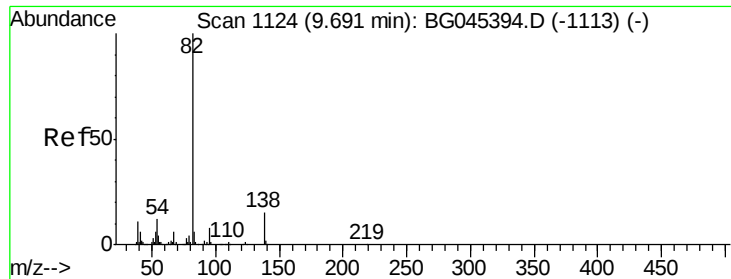
mohammad
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#24
 Nitrobenzene
 Concen: 44.483 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	32.9	49.3
65	13.0	9.4	14.2





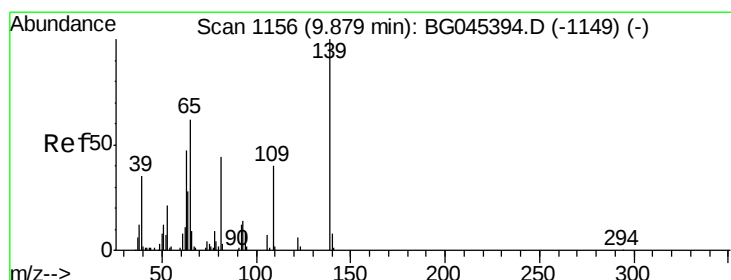
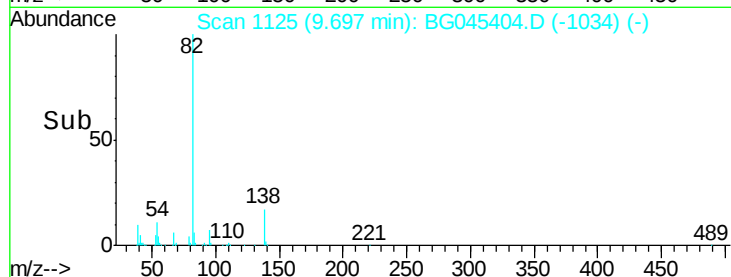
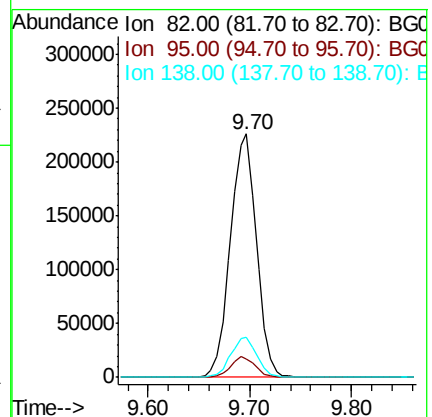
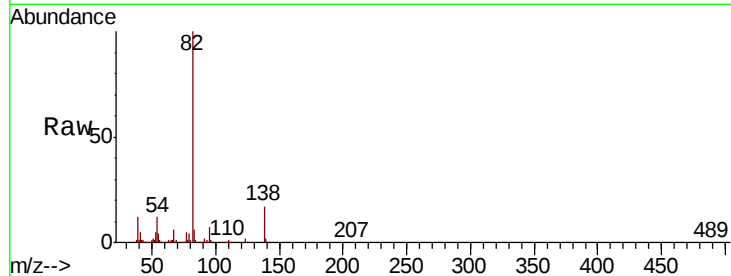
#25
Isophorone
Concen: 44.194 ng
RT: 9.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	6.7	10.1	
138	16.6	12.2	18.4	

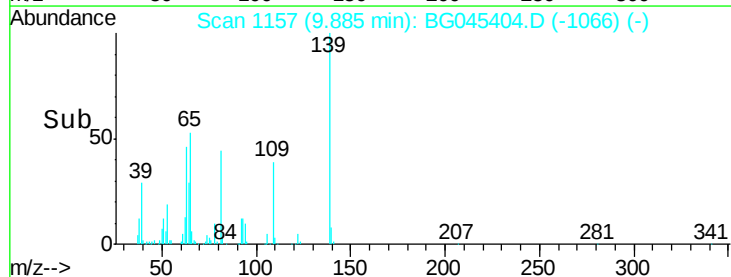
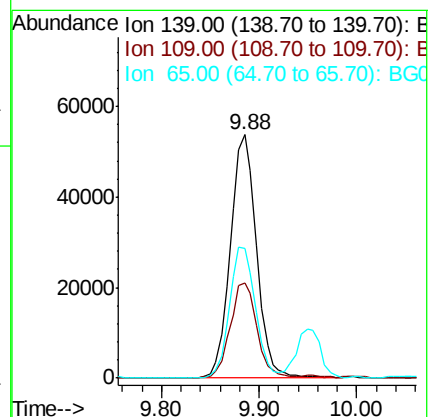
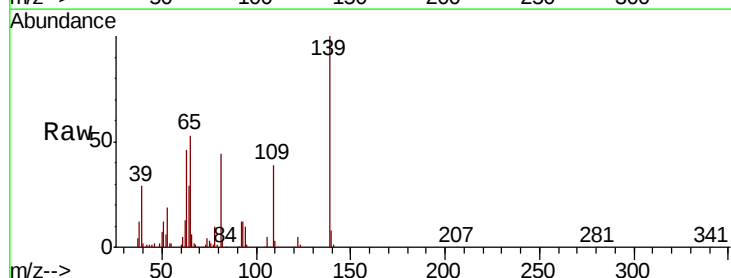
Manual Integrations
APPROVED

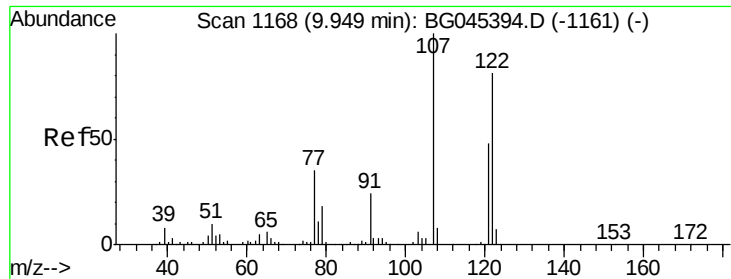
mohammad
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#26
2-Nitrophenol
Concen: 47.009 ng
RT: 9.88 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	38.9	32.2	48.4	
65	53.3	49.6	74.4	





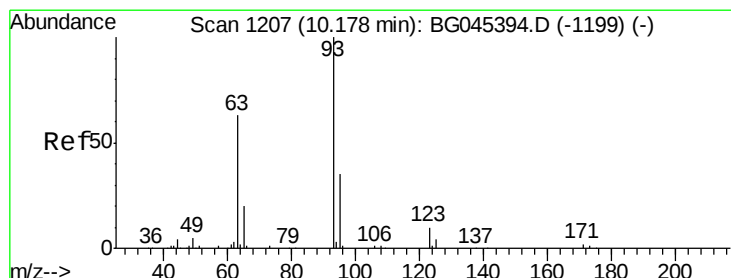
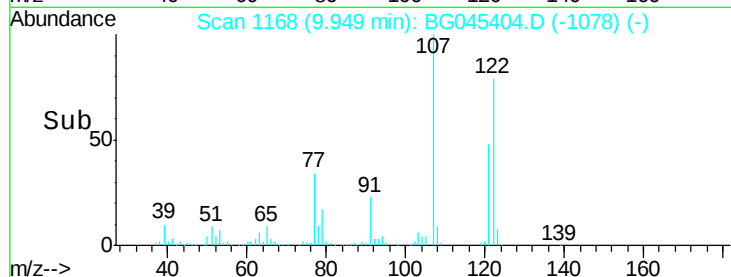
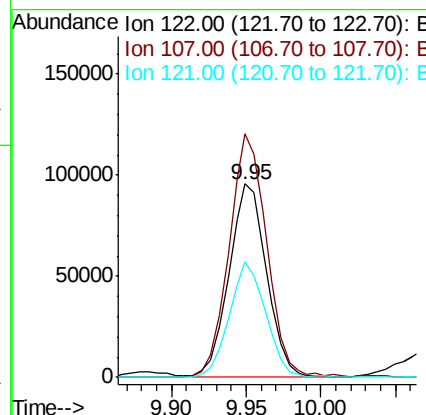
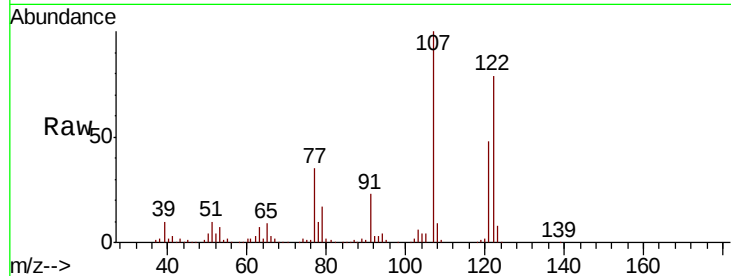
#27
2,4-Dimethylphenol
Concen: 53.015 ng
RT: 9.95 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	99.0	148.4
121	60.0	47.7	71.5

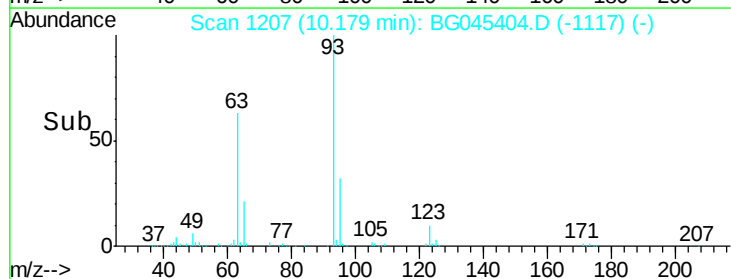
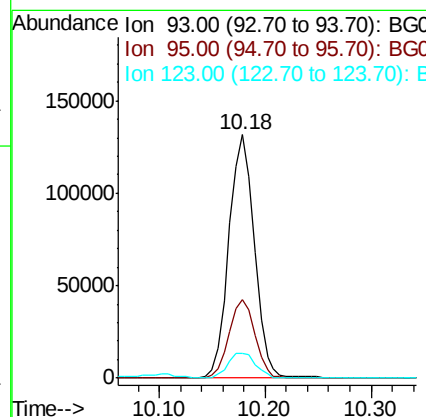
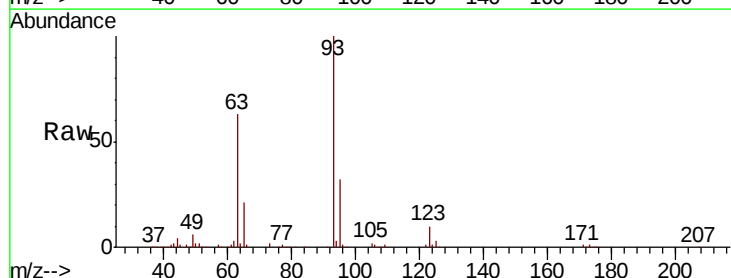
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#28
bis(2-Chloroethoxy)methane
Concen: 46.106 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	27.6	41.4
123	10.1	8.1	12.1





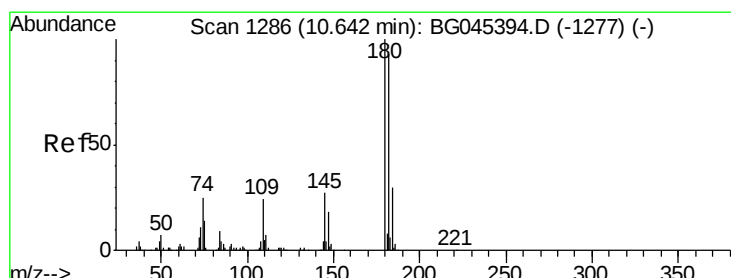
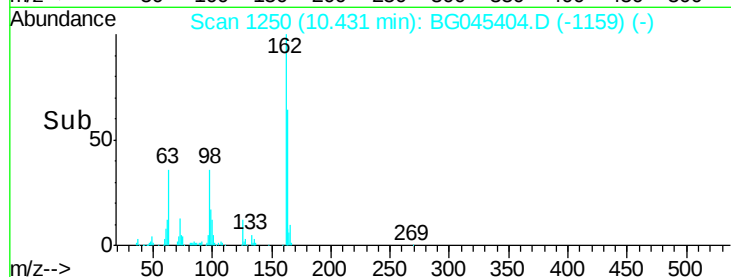
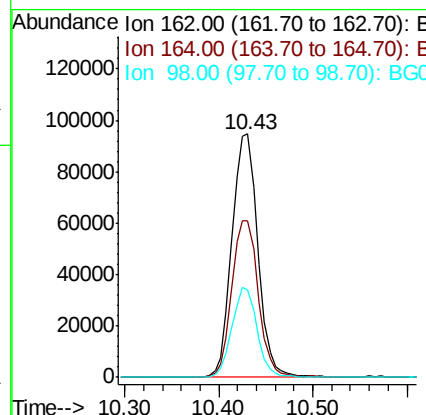
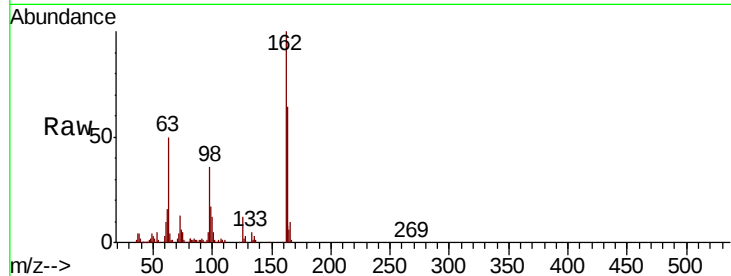
#29
 2,4-Dichlorophenol
 Concen: 48.934 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	46.8	86.8	
98	35.8	15.2	55.2	

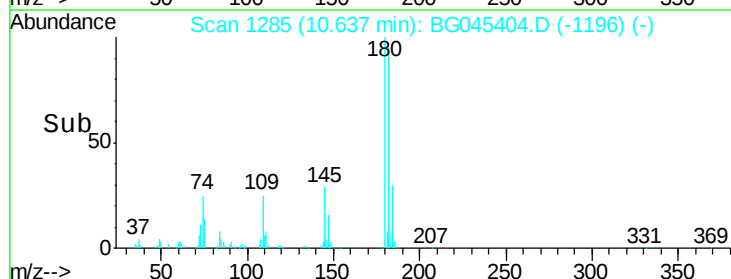
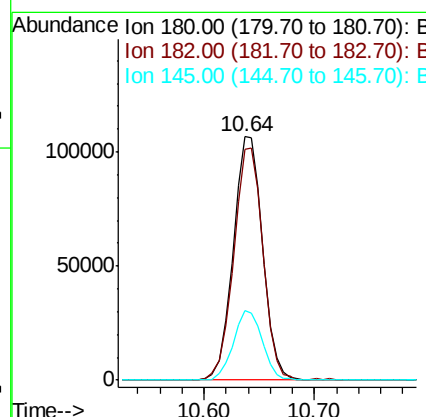
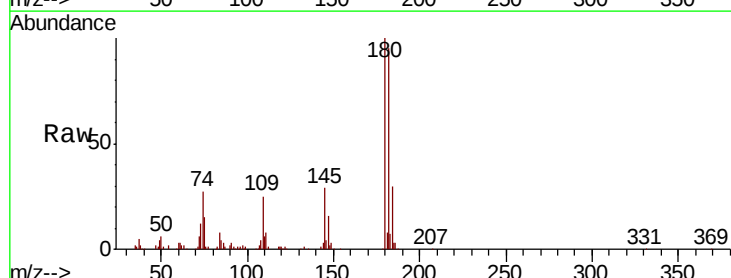
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.033 ng
 RT: 10.64 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	74.8	112.2	
145	28.7	21.9	32.9	





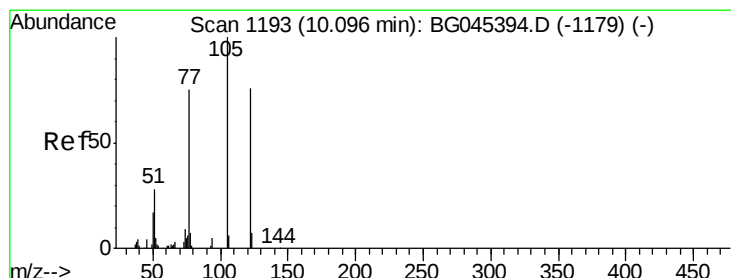
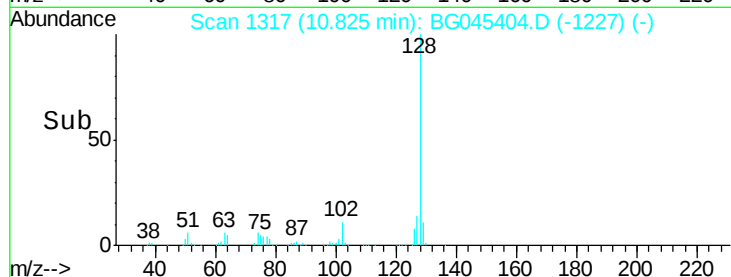
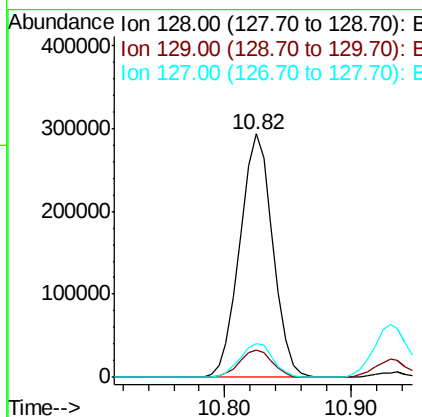
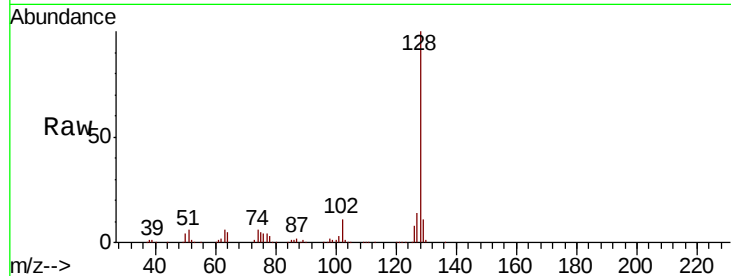
#31
Naphthalene
Concen: 44.871 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.0	13.6	
127	13.9	10.7	16.1	

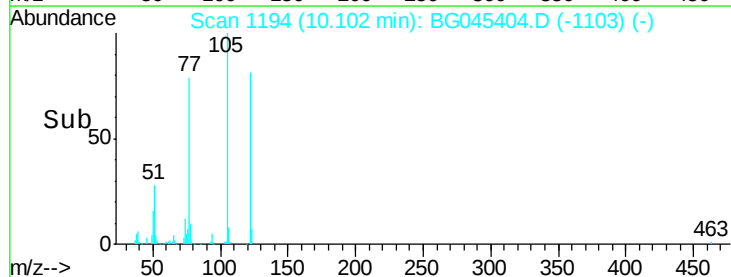
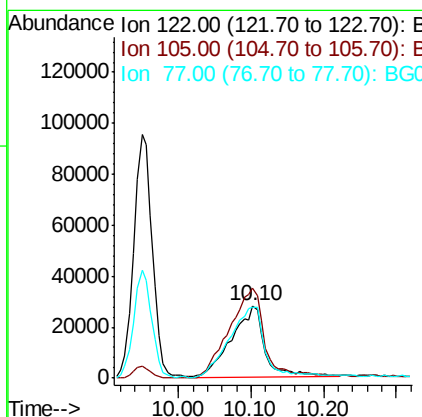
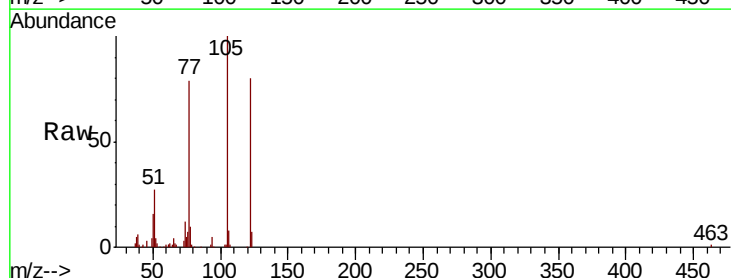
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#32
Benzoic acid
Concen: 42.862 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.5	107.9	147.9	
77	98.3	78.9	118.9	





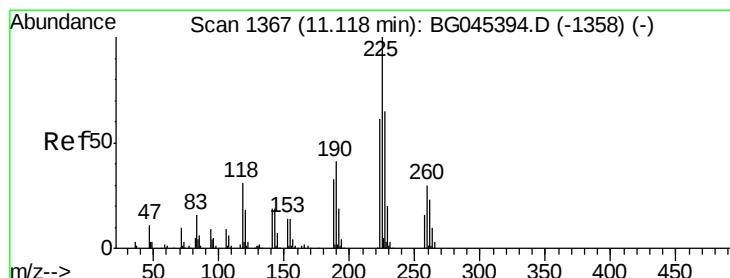
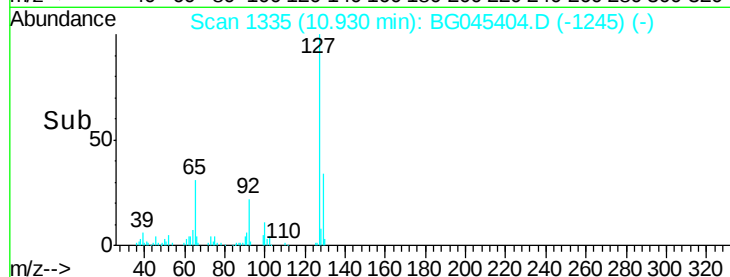
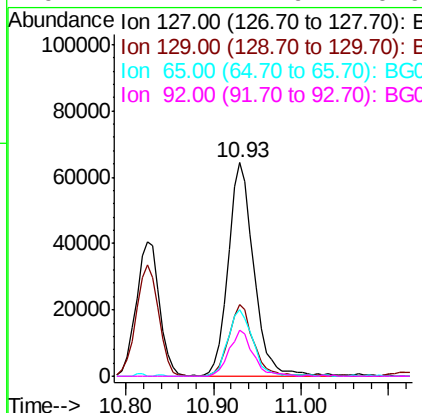
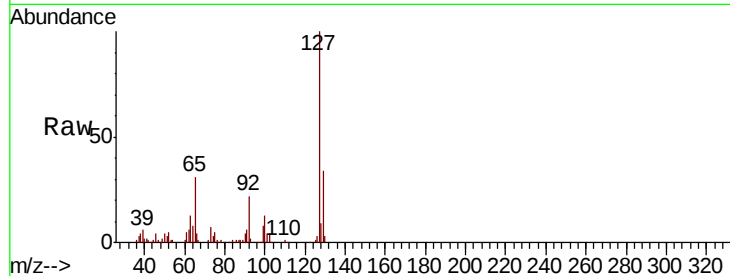
#33
4-Chloroaniline
Concen: 26.030 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	24.7	37.1		
65	31.1	26.2	39.2		
92	21.7	17.9	26.9		

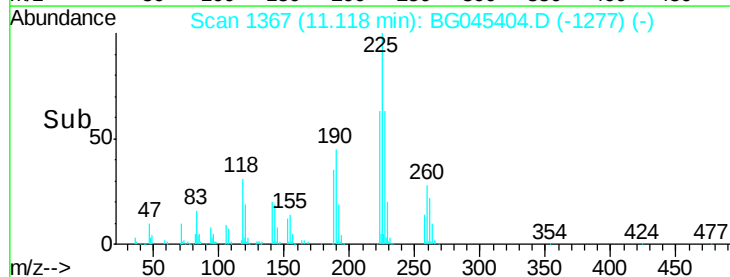
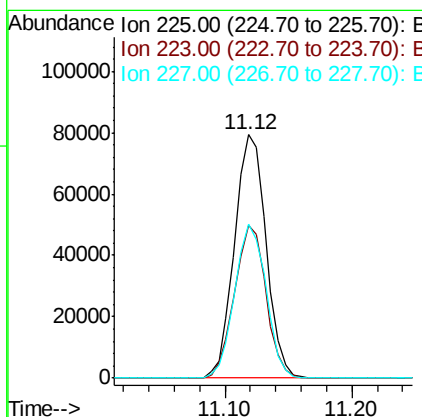
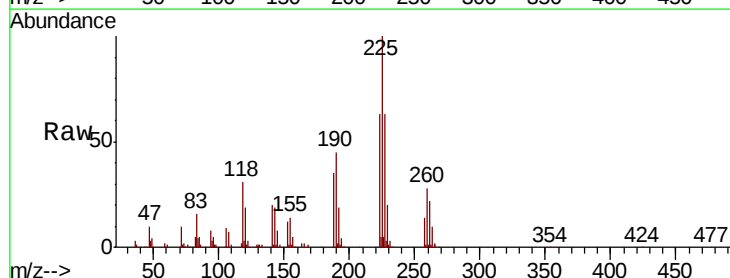
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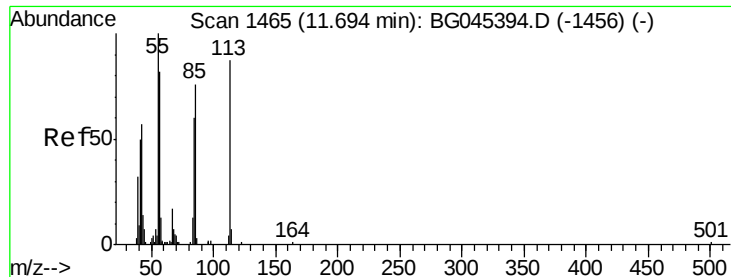
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#34
Hexachlorobutadiene
Concen: 43.938 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.1	73.7		
227	63.1	52.0	78.0		





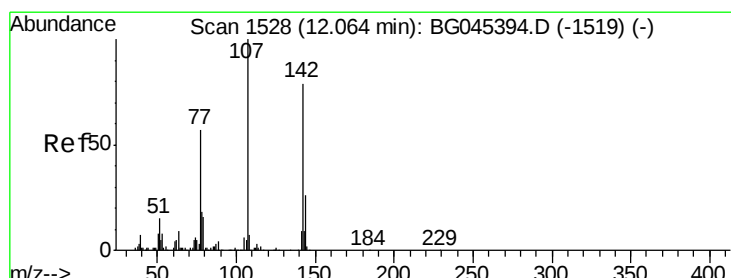
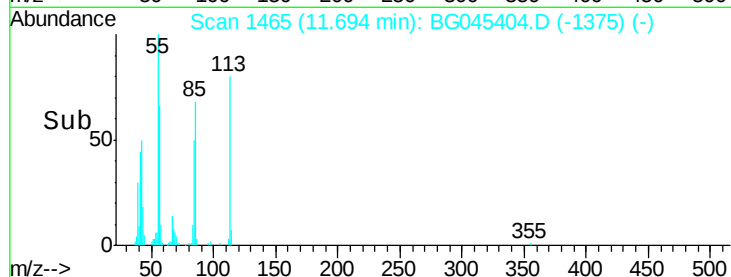
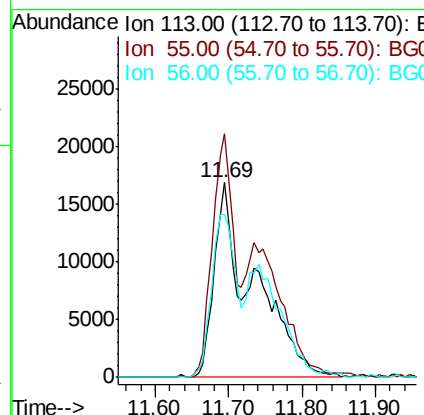
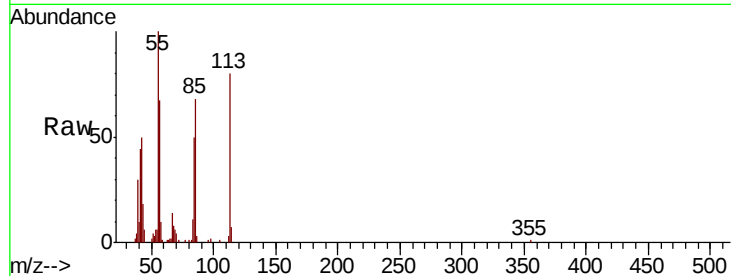
#35
 Caprolactam
 Concen: 45.428 ng/ml
 RT: 11.69 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.9	96.0	136.0
56	83.8	75.1	115.1

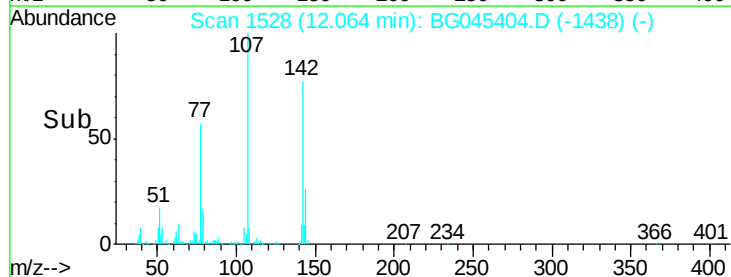
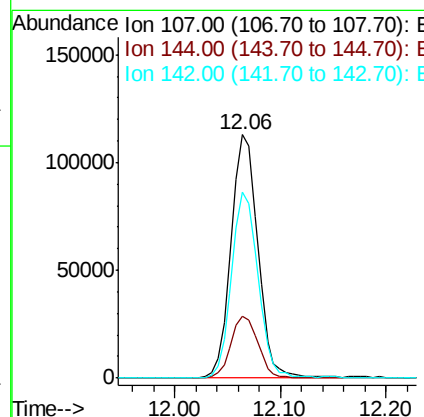
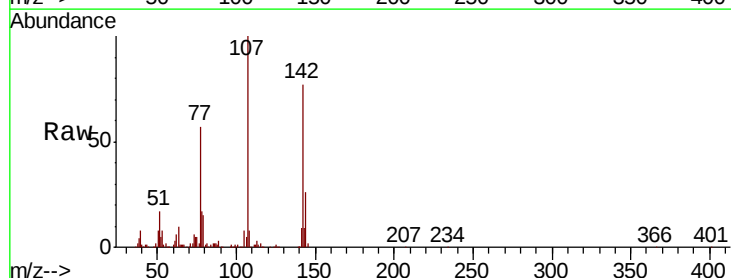
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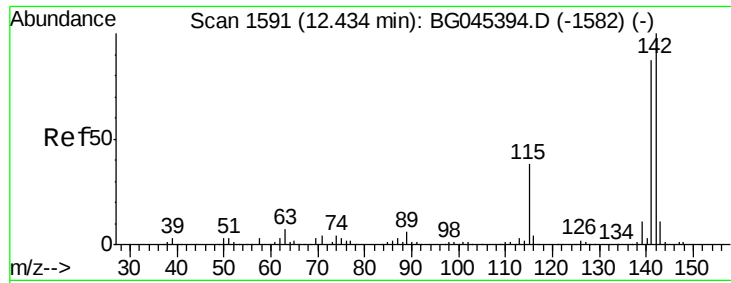
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#36
 4-Chloro-3-methylphenol
 Concen: 47.250 ng/ml
 RT: 12.06 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.8	31.2
142	76.6	62.8	94.2





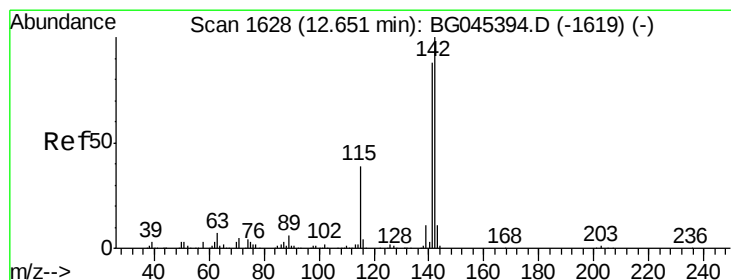
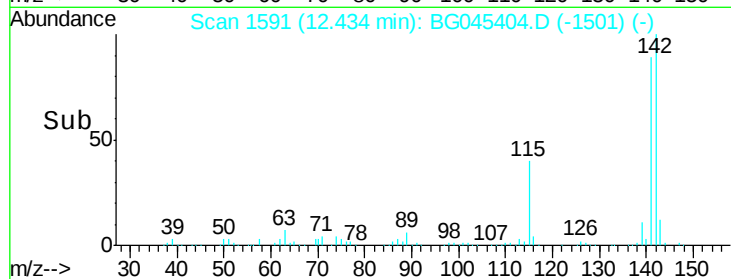
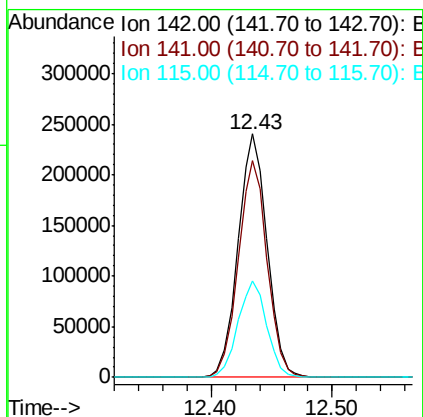
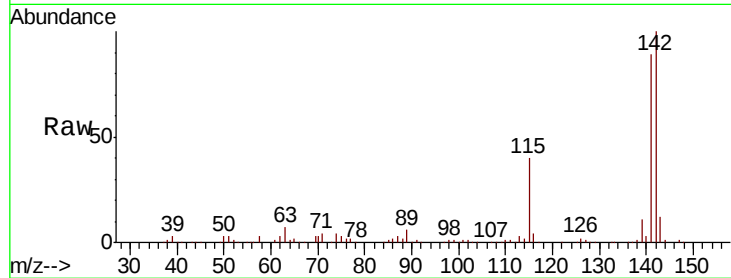
#37
2-Methylnaphthalene
Concen: 45.890 ng
RT: 12.43 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	39.8	30.8	46.2

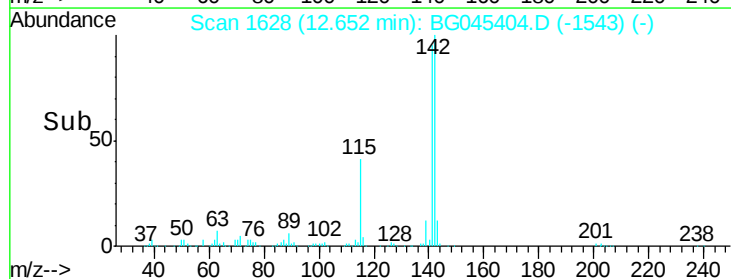
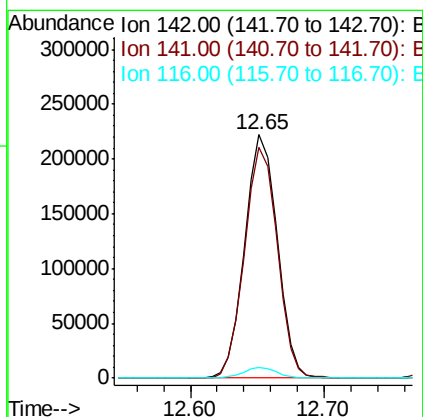
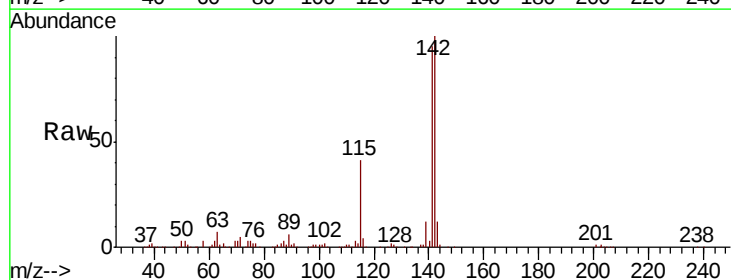
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#38
1-Methylnaphthalene
Concen: 44.903 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.8	106.2
116	4.4	3.0	4.6





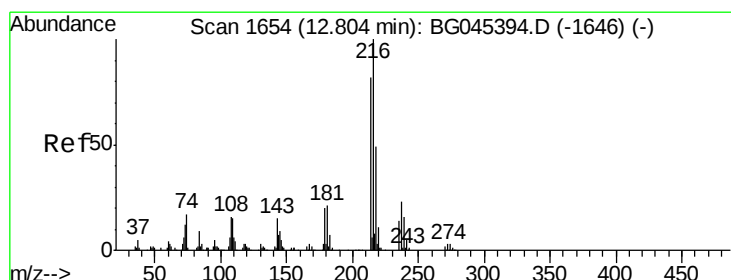
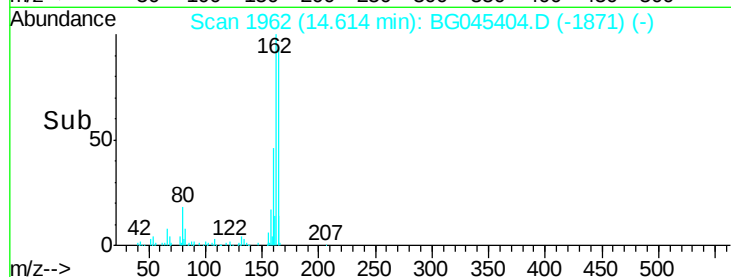
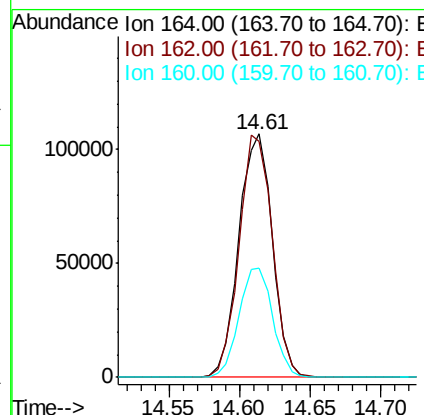
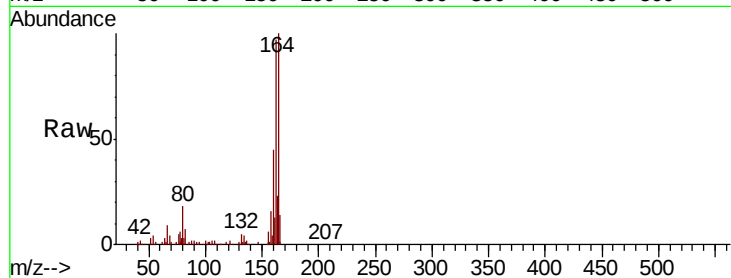
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	76.9	115.3
160	44.7	33.8	50.8

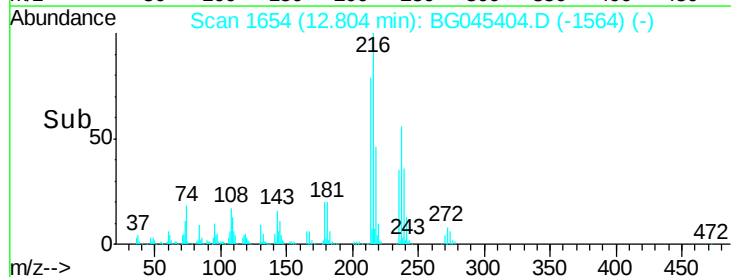
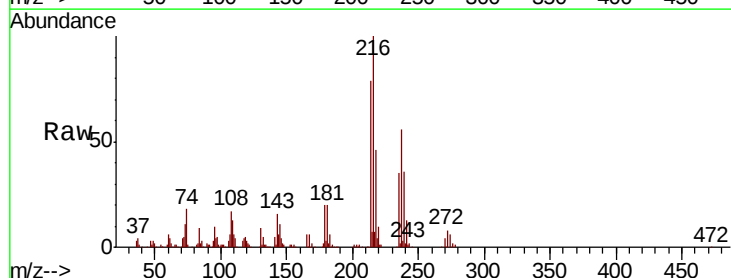
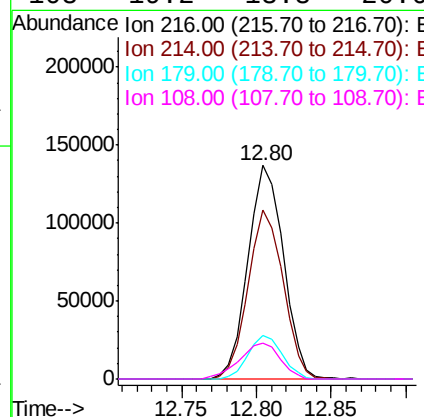
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.696 ng
RT: 12.80 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.7	95.5
179	19.8	16.1	24.1
108	19.2	13.8	20.6





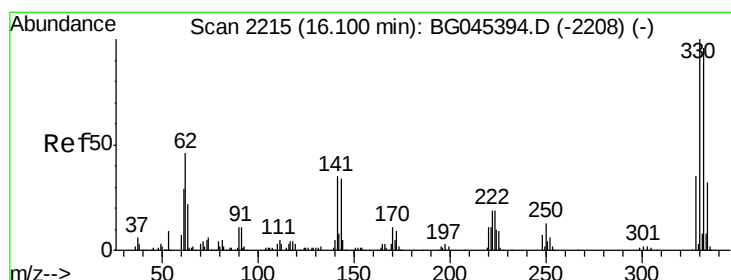
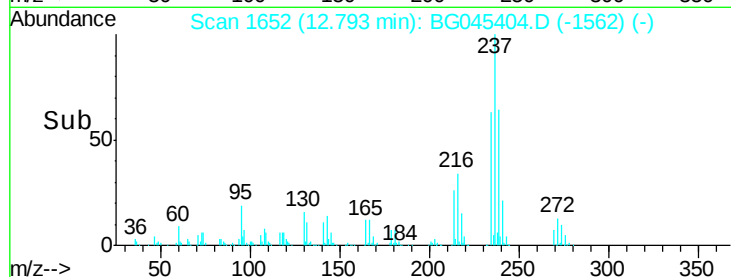
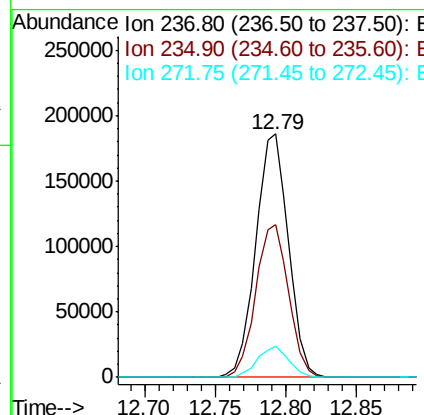
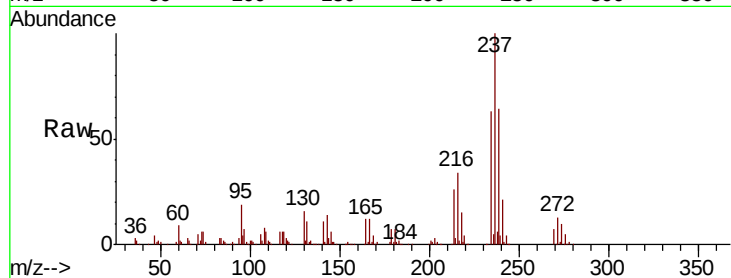
#41
Hexachlorocyclopentadiene
Concen: 105.900 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.4	84.4
272	13.0	0.0	32.5

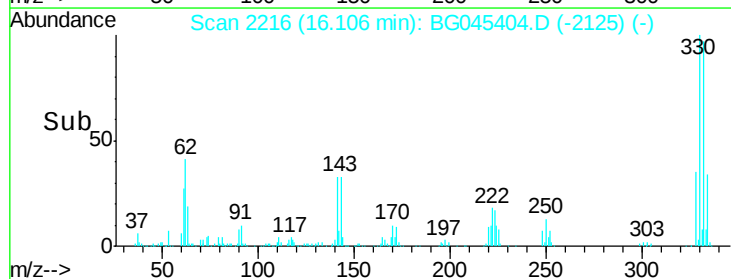
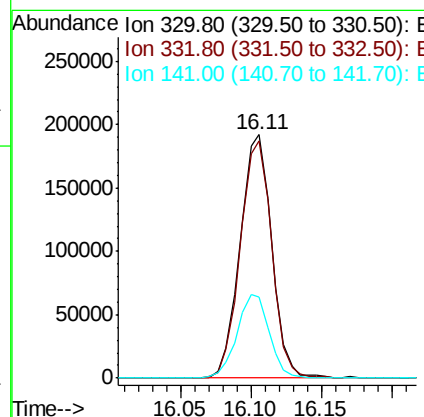
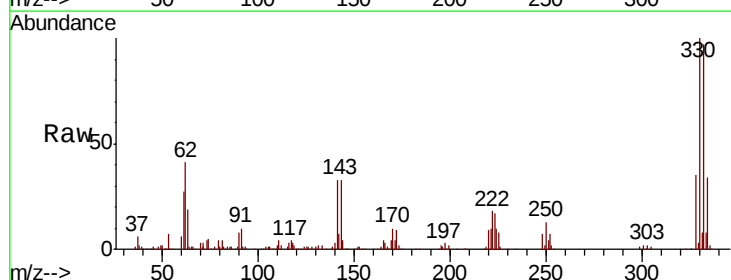
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#42
2,4,6-Tribromophenol
Concen: 133.034 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	78.2	117.4
141	35.0	28.2	42.4





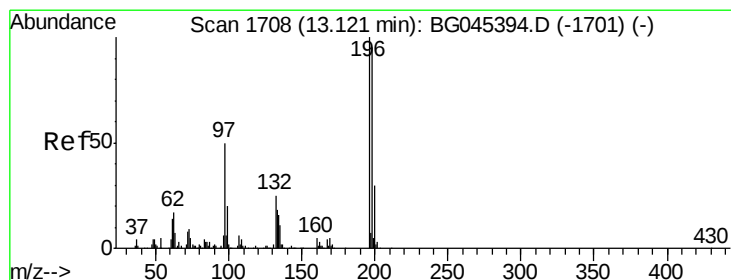
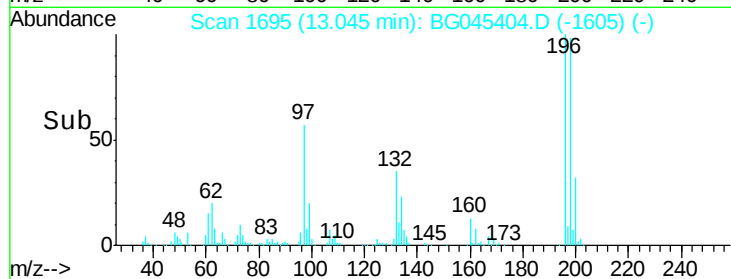
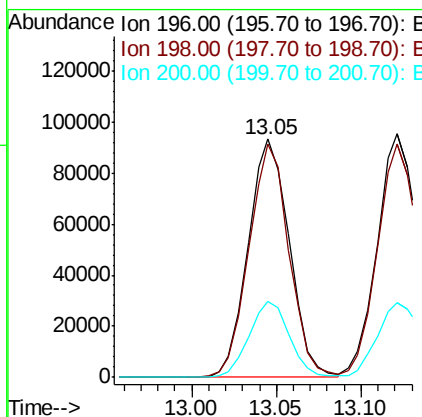
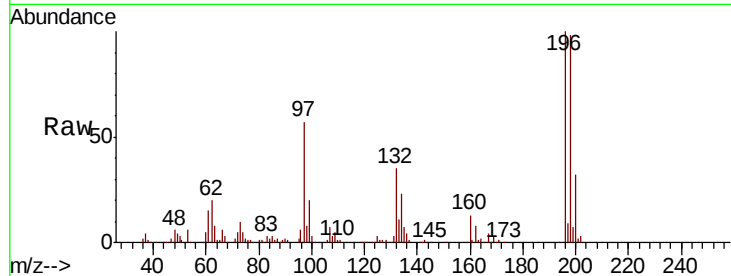
#43
 2,4,6-Trichlorophenol
 Concen: 46.045 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157708		
198	97.9	76.7	115.1	
200	32.0	24.9	37.3	

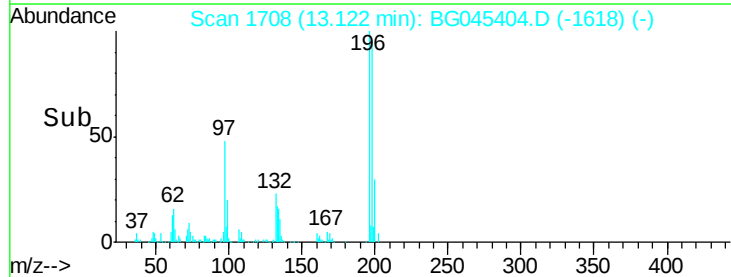
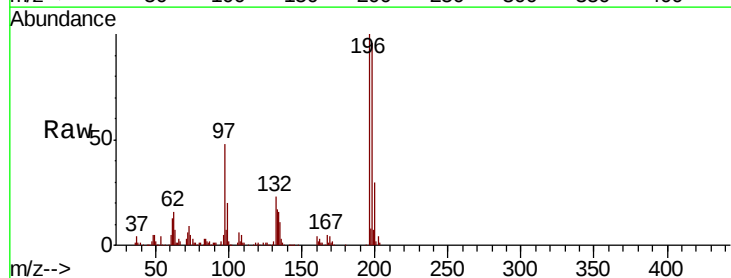
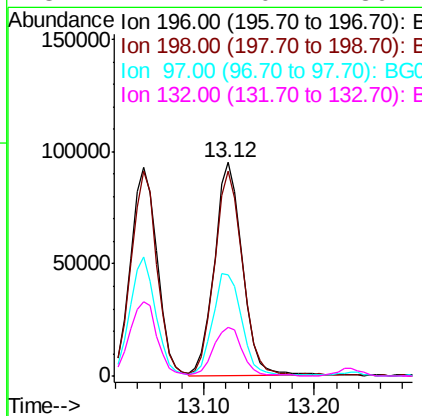
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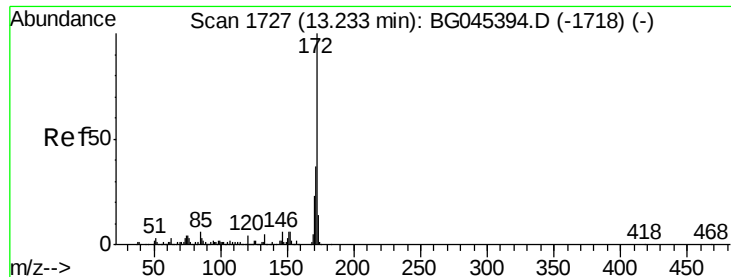
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#44
 2,4,5-Trichlorophenol
 Concen: 42.711 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167170		
198	95.7	76.1	114.1	
97	47.5	40.0	60.0	
132	22.7	20.2	30.2	





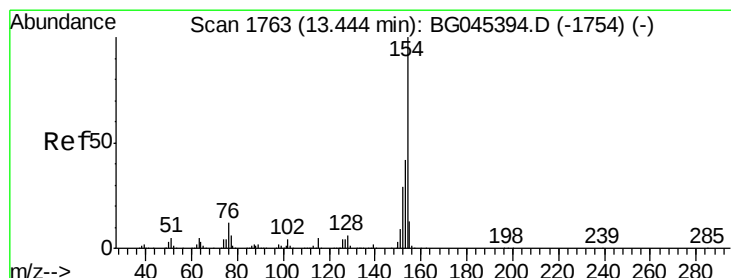
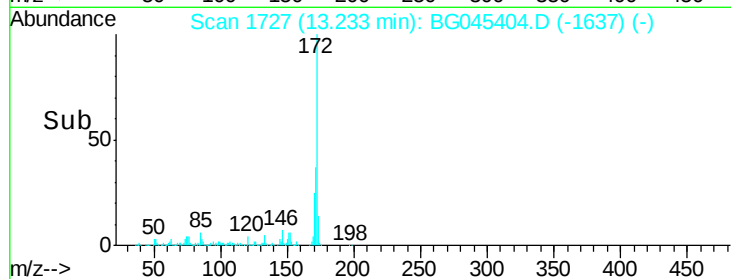
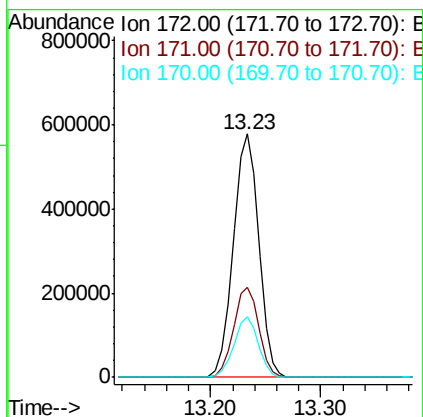
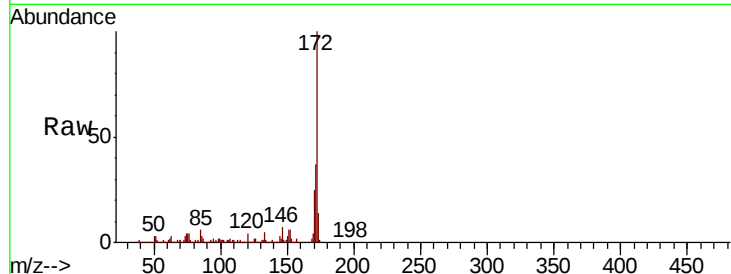
#45
2-Fluorobiphenyl
Concen: 89.955 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	25.0	18.5	27.7

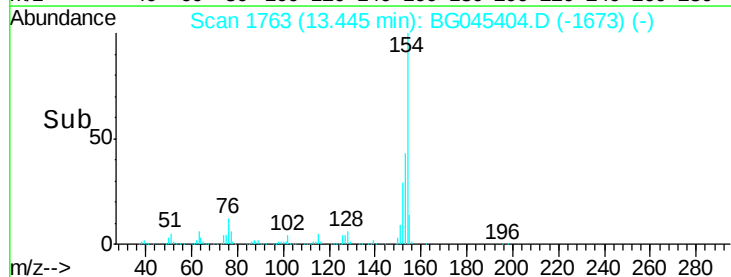
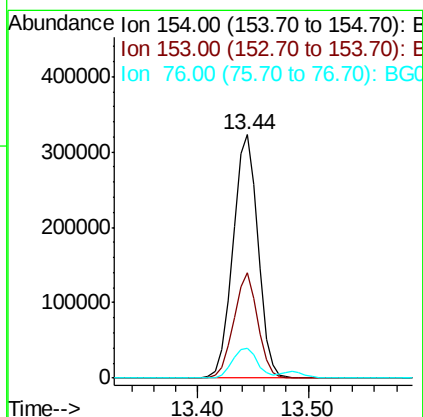
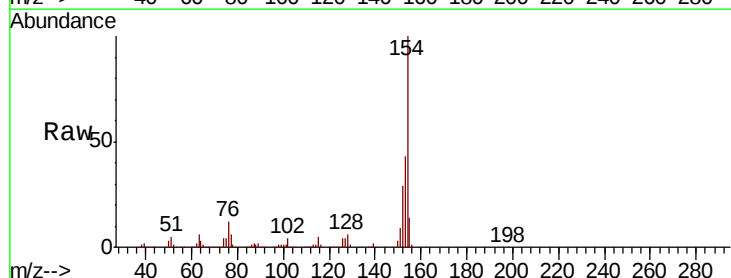
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#46
1,1'-Biphenyl
Concen: 47.317 ng
RT: 13.44 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.2	62.2
76	12.5	0.0	32.4





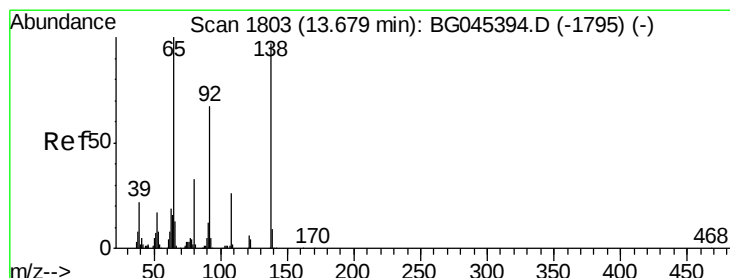
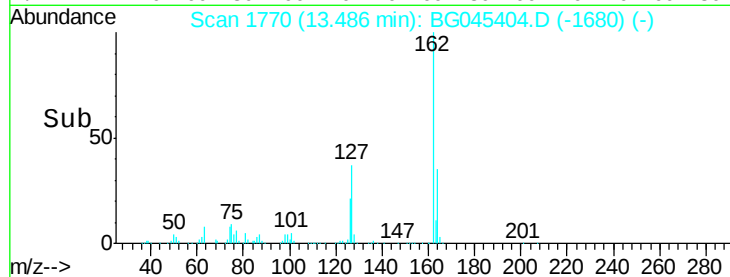
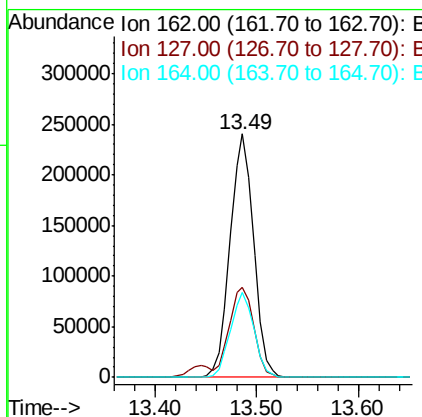
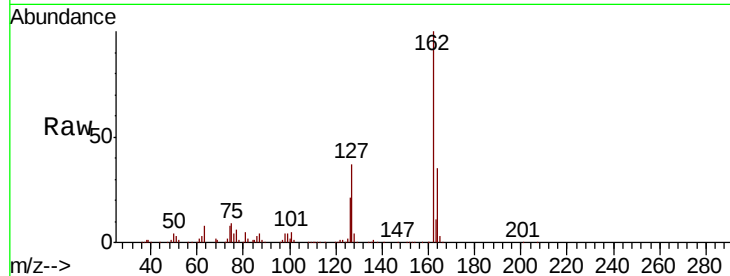
#47
2-Chloronaphthalene
Concen: 43.956 ng
RT: 13.49 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387153		
127	37.1	31.6	47.4	
164	35.1	28.1	42.1	

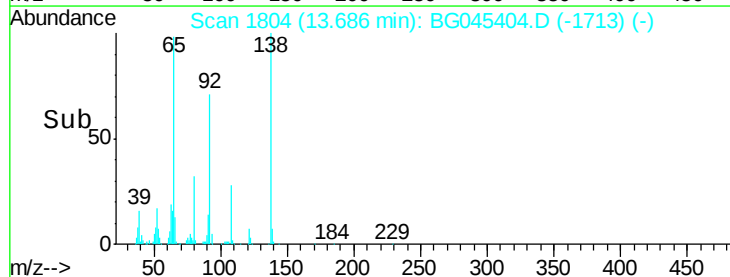
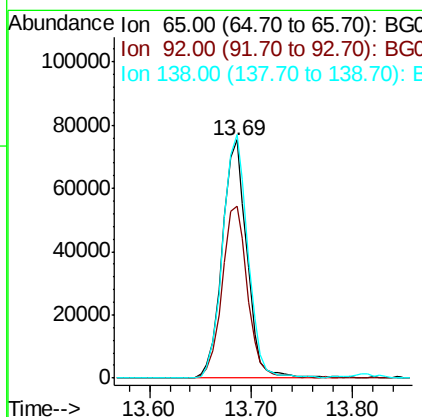
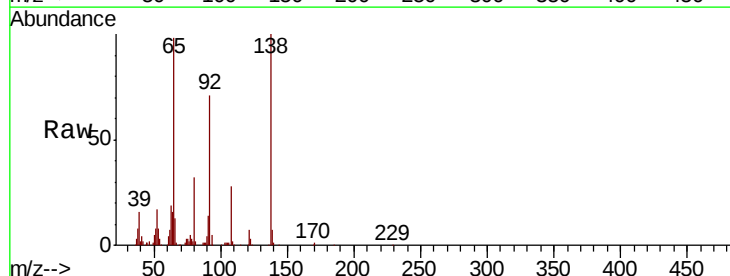
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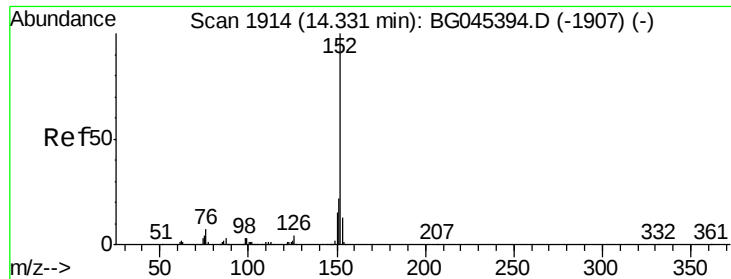
mohammad
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#48
2-Nitroaniline
Concen: 44.032 ng
RT: 13.69 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	127571		
92	72.2	53.8	80.8	
138	102.3	77.9	116.9	





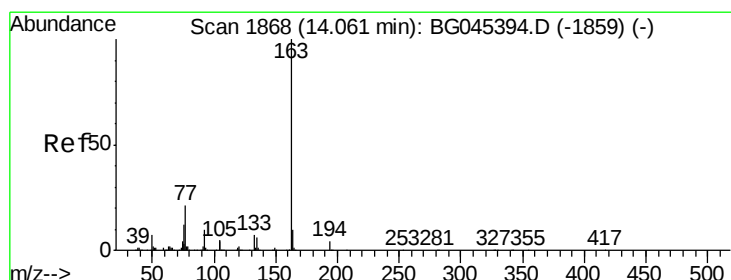
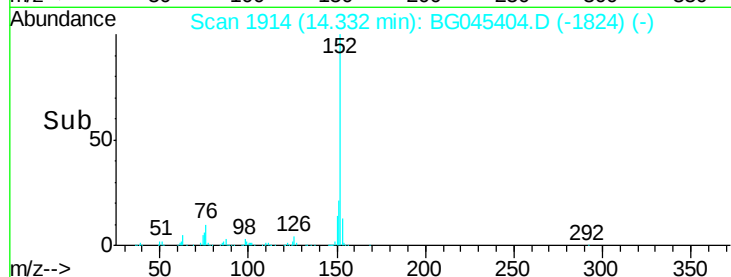
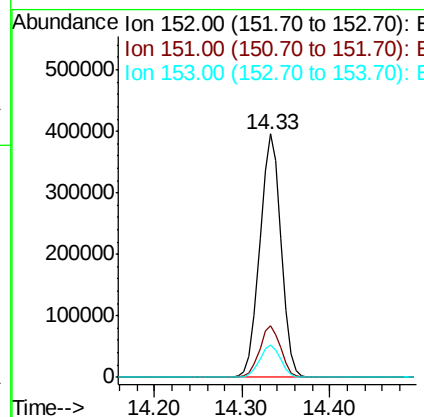
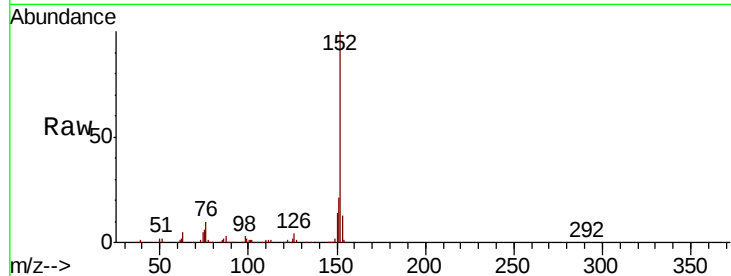
#49
Acenaphthylene
Concen: 45.996 ng
RT: 14.33 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.2
153	13.3	10.7	16.1

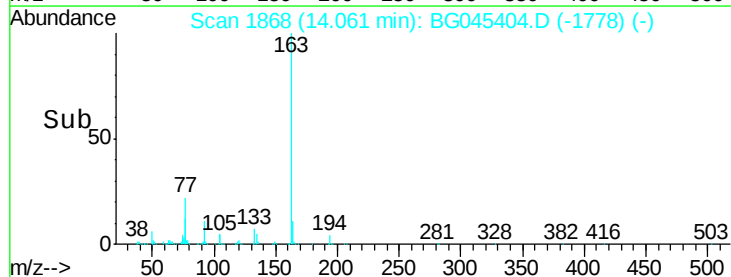
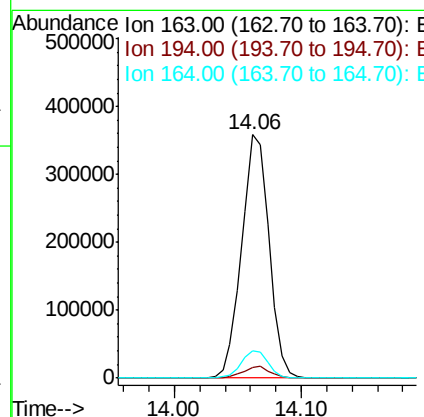
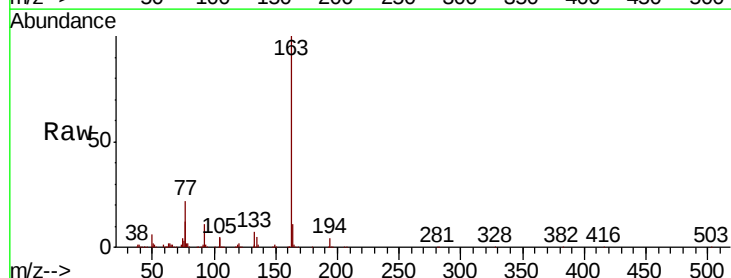
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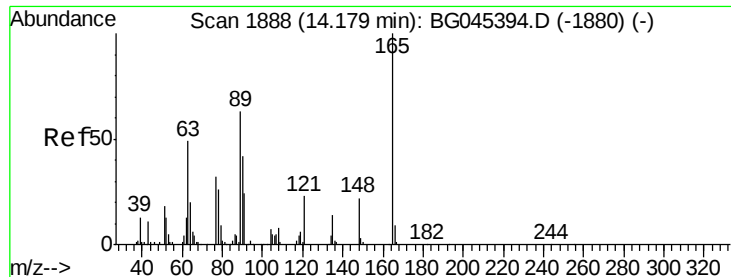
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#50
Dimethylphthalate
Concen: 44.254 ng
RT: 14.06 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.1	8.3	12.5





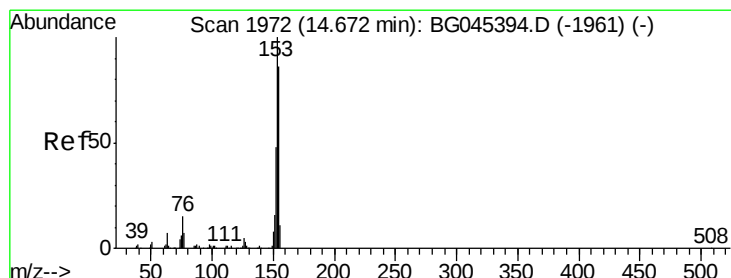
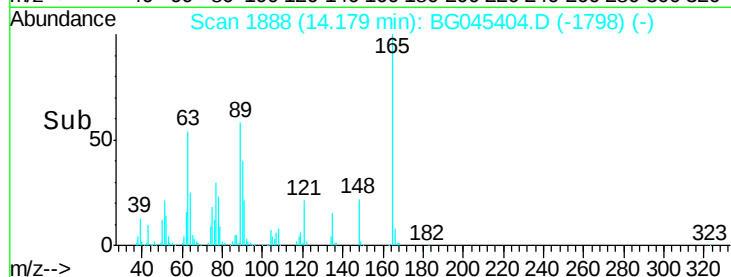
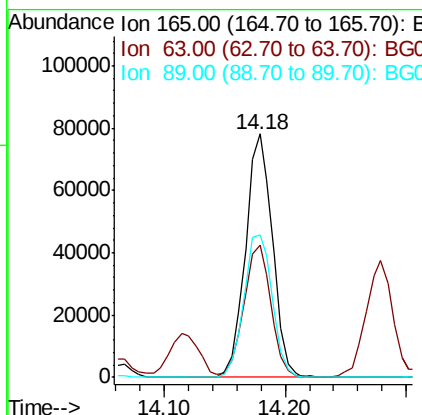
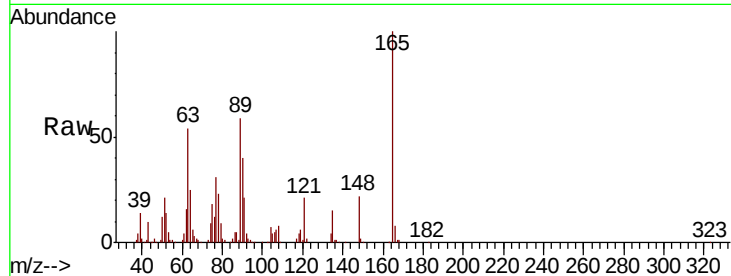
#51
 2,6-Dinitrotoluene
 Concen: 44.393 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion:	165	Resp:	121302
Ion Ratio	Lower	Upper	
165	100		
63	54.4	45.0	67.4
89	58.6	50.2	75.4

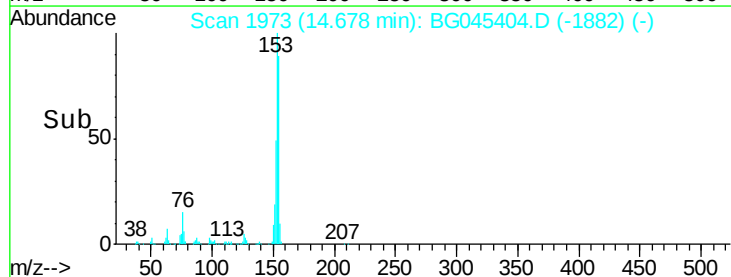
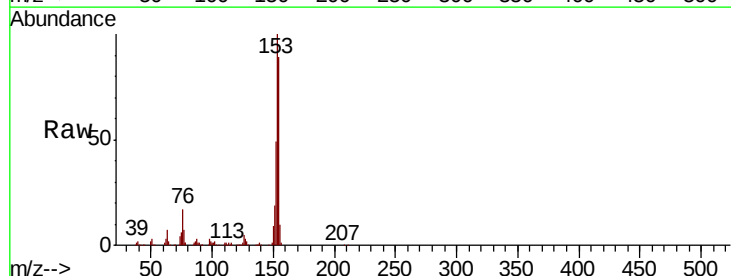
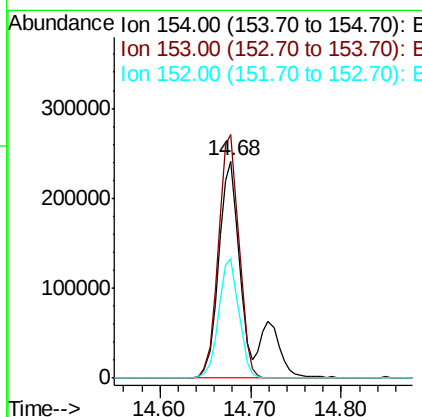
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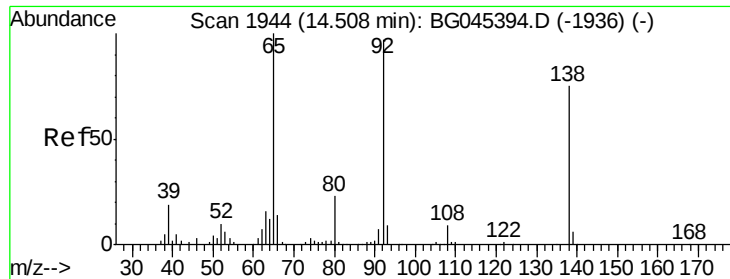
mohammad
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#52
 Acenaphthene
 Concen: 50.310 ng m
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion:	154	Resp:	476437
Ion Ratio	Lower	Upper	
154	100		
153	112.0	92.8	139.2
152	55.1	44.6	66.8





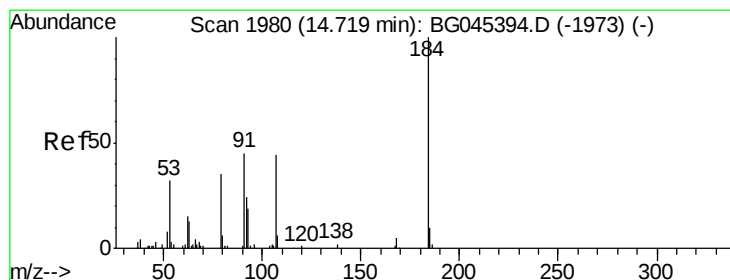
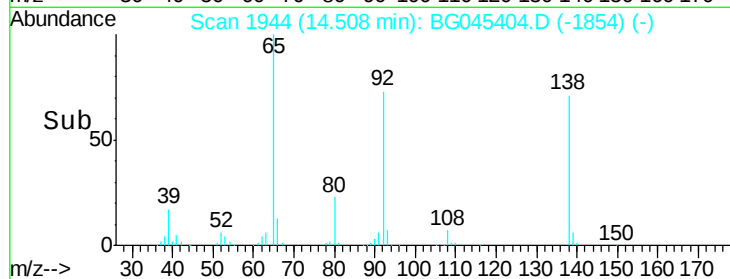
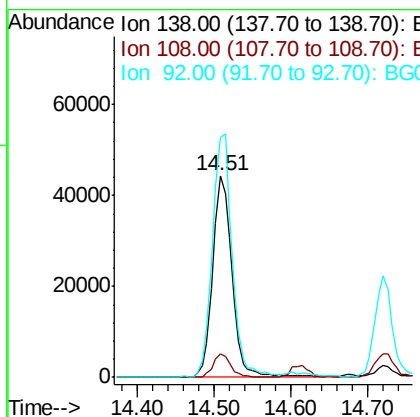
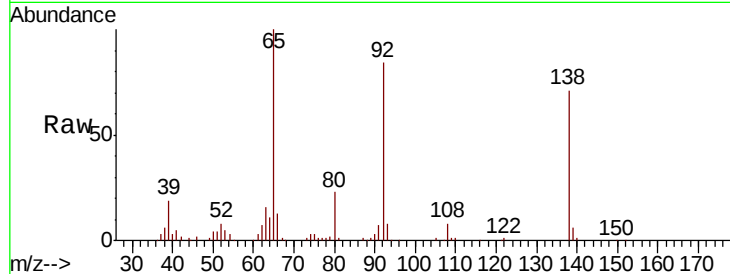
#53
3-Nitroaniline
Concen: 27.650 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion:138 Resp: 76804
Ion Ratio Lower Upper
138 100
108 11.4 9.8 14.6
92 119.1 103.0 154.4

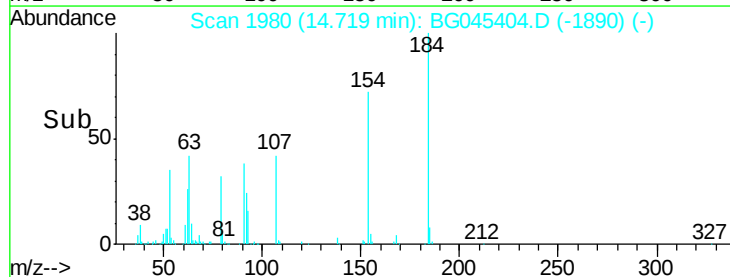
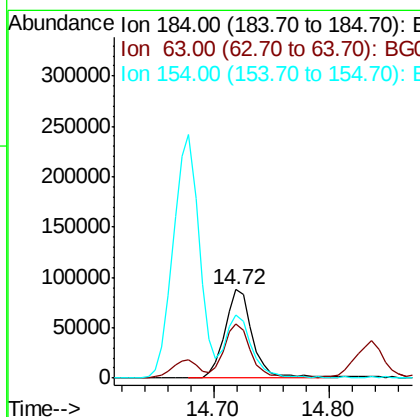
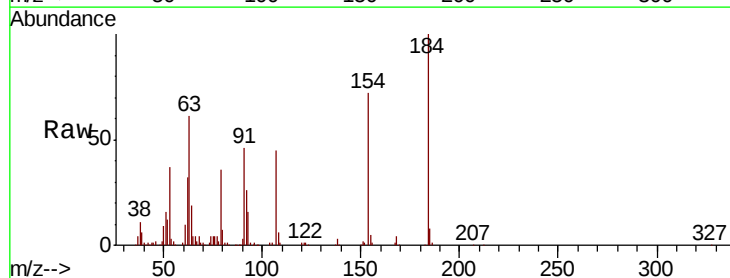
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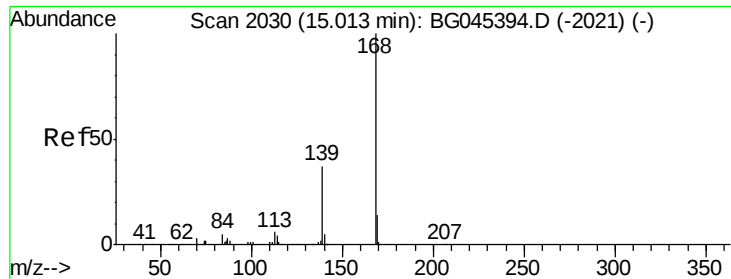
mohammad
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#54
2,4-Dinitrophenol
Concen: 81.411 ng
RT: 14.72 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion:184 Resp: 145906
Ion Ratio Lower Upper
184 100
63 61.0 47.8 71.6
154 71.9 58.3 87.5





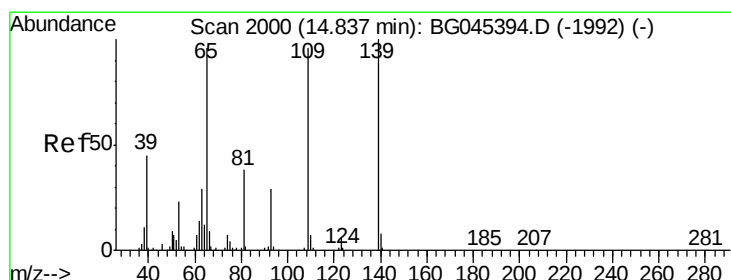
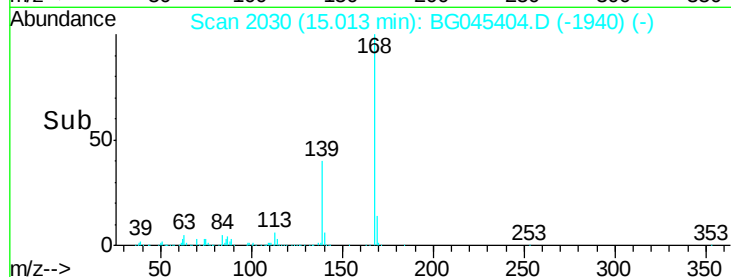
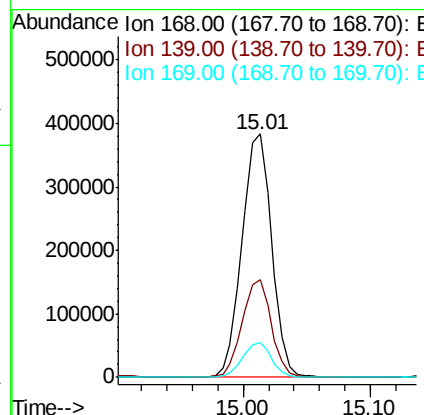
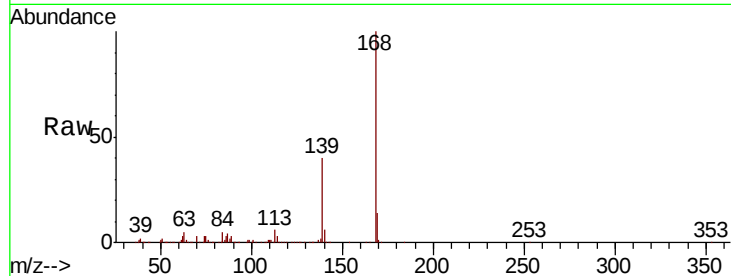
#55
Dibenzenofuran
Concen: 44.228 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	621979		
139	40.1		29.9	44.9
169	14.3		10.9	16.3

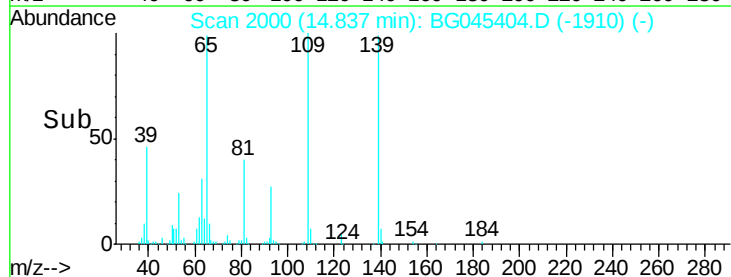
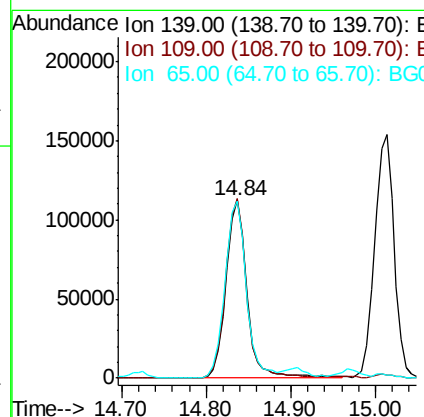
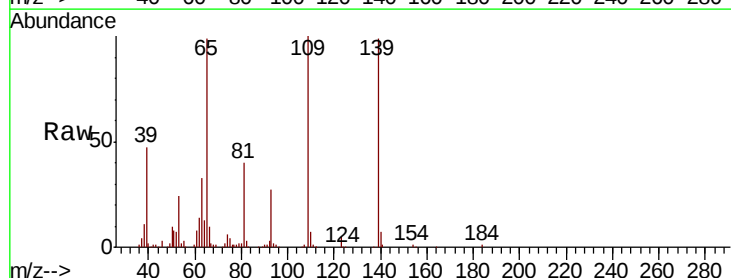
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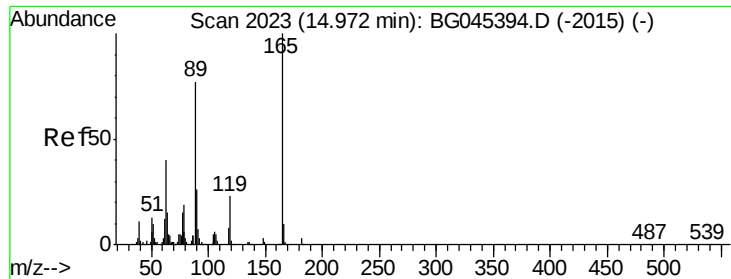
mohammad
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#56
4-Nitrophenol
Concen: 92.688 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194920		
109	100.6		75.6	115.6
65	99.9		76.8	116.8





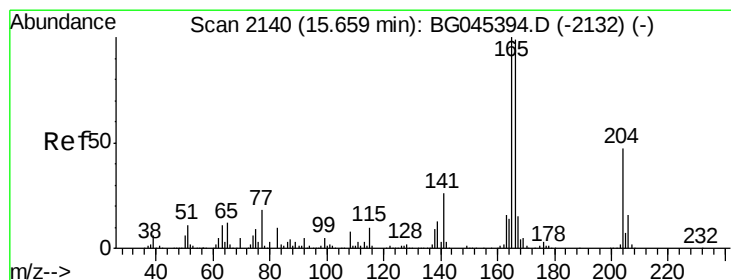
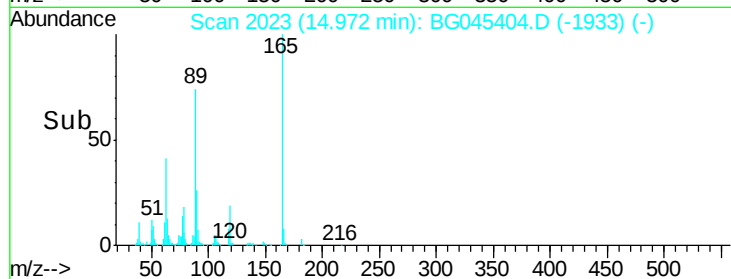
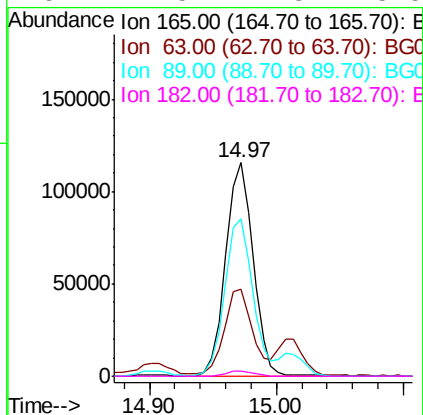
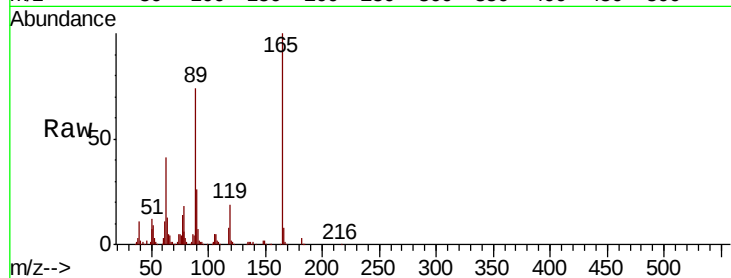
#57
2,4-Dinitrotoluene
Concen: 43.964 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		173980		
63	40.8	32.5	48.7		
89	73.7	61.8	92.6		
182	2.5	2.3	3.5		

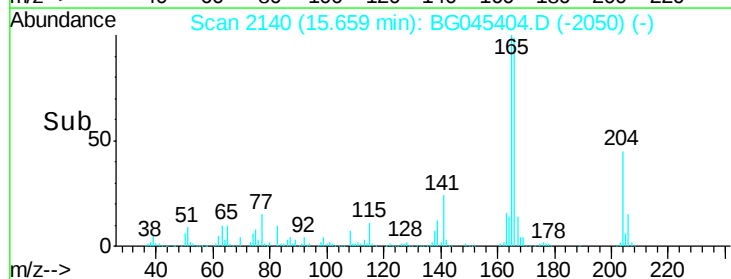
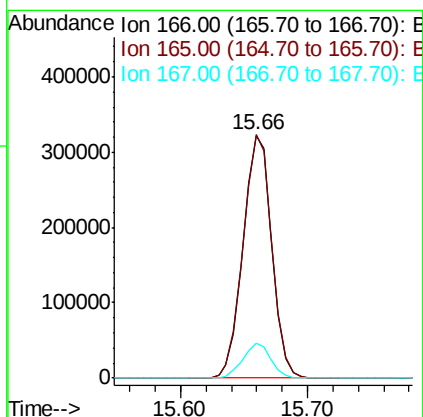
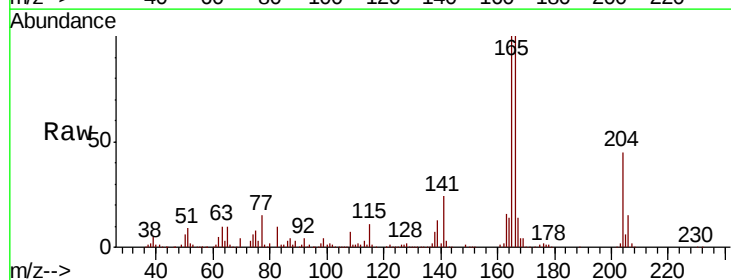
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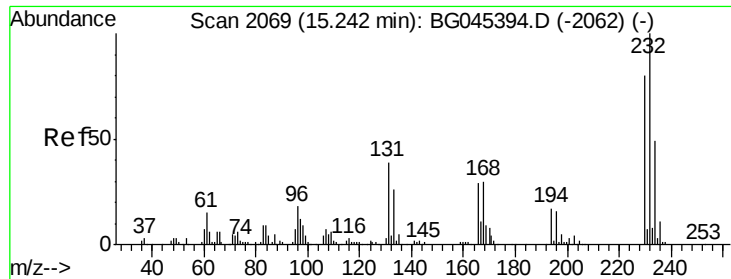
mohammad
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#58
Fluorene
Concen: 43.755 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		505526		
165	100.4	80.8	121.2		
167	14.2	12.0	18.0		





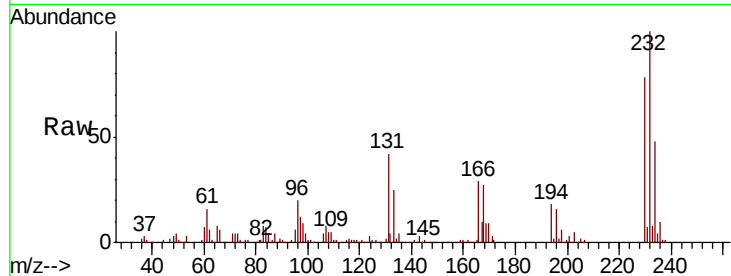
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.191 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

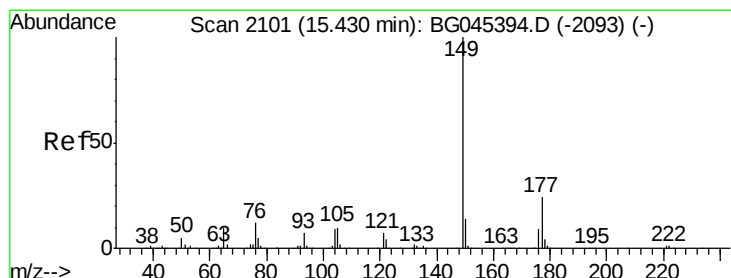
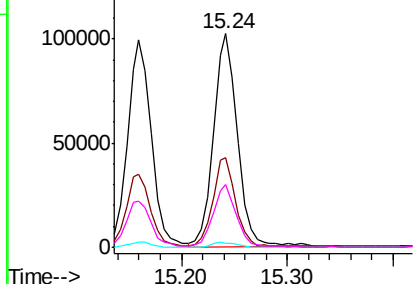
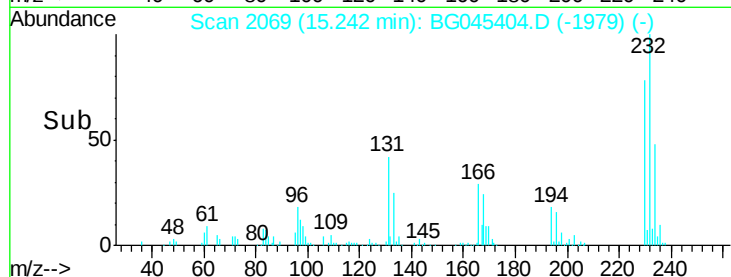
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		162498		
131	39.6	33.7	50.5		
130	2.4	2.1	3.1		
166	29.1	23.2	34.8		

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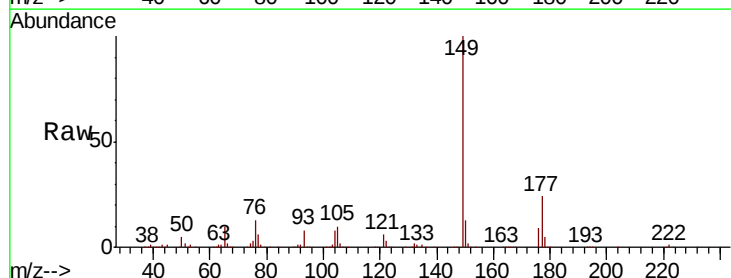


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

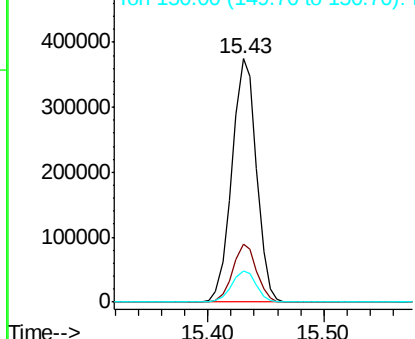
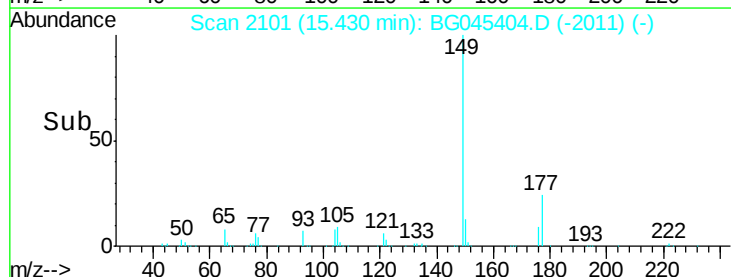


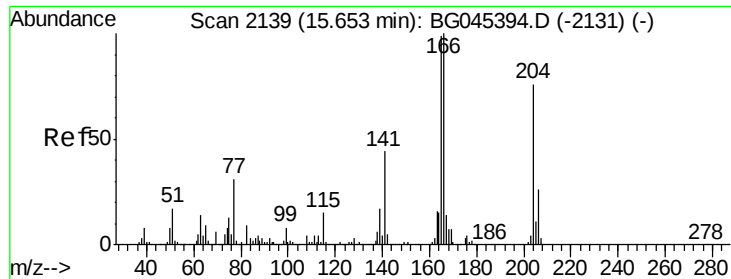
#60
 Diethylphthalate
 Concen: 43.561 ng
 RT: 15.43 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		549030		
177	23.9	19.0	28.4		
150	12.9	11.4	17.0		



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





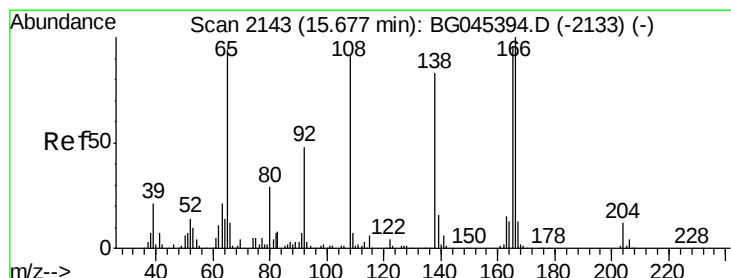
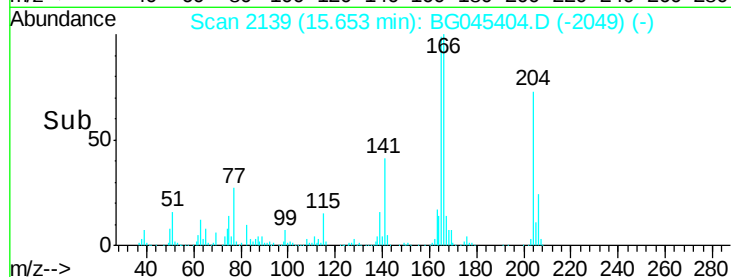
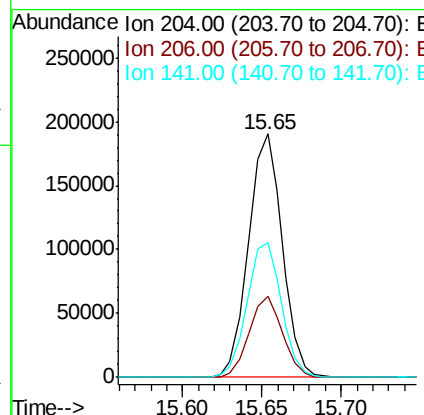
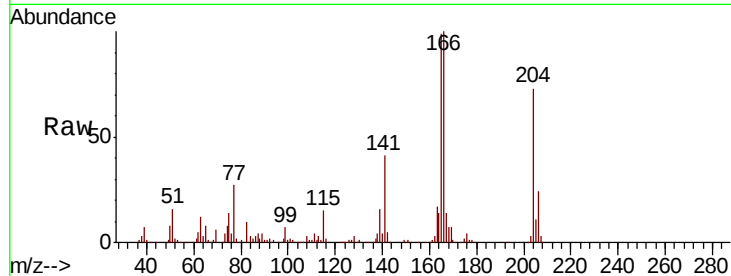
#61
4-Chlorophenyl-phenylether
Concen: 42.579 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.1	27.3	40.9
141	55.4	45.9	68.9

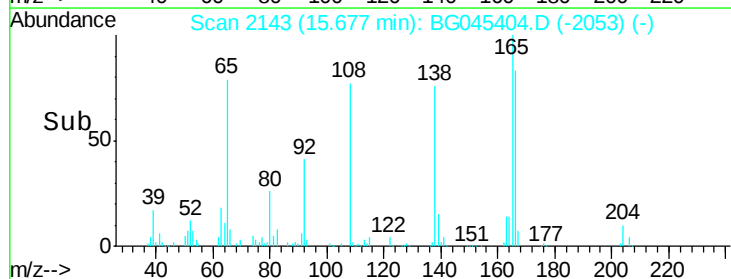
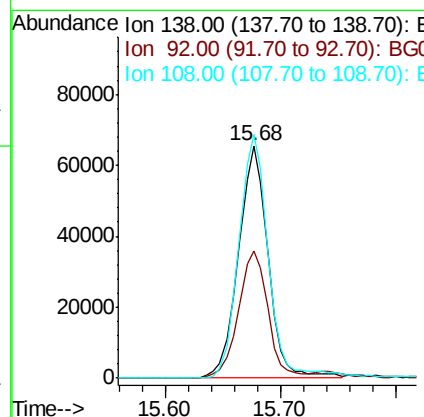
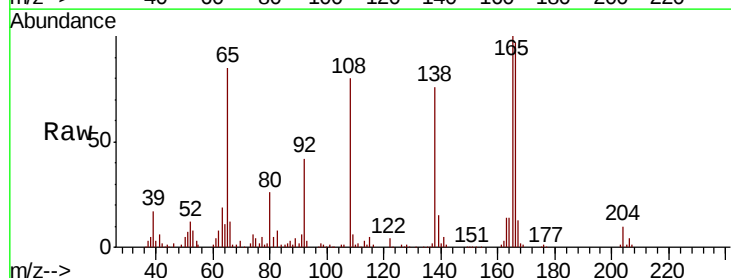
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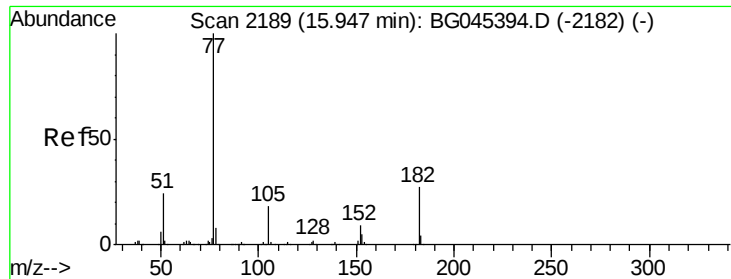
mohammad
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#62
4-Nitroaniline
Concen: 40.253 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	54.6	38.0	78.0
108	104.8	89.3	129.3





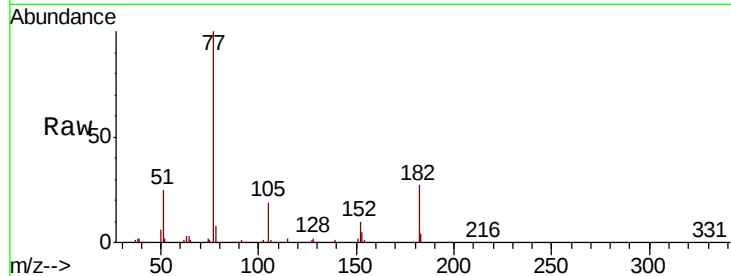
#63
Azobenzene
Concen: 43.979 ng
RT: 15.95 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

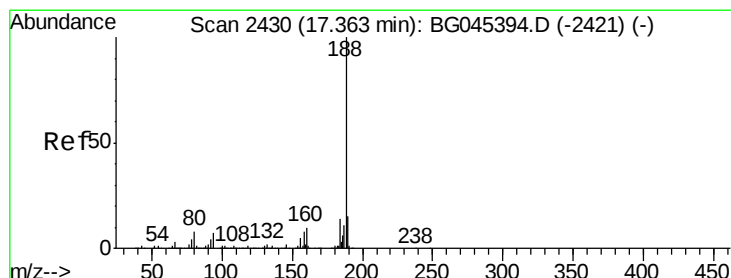
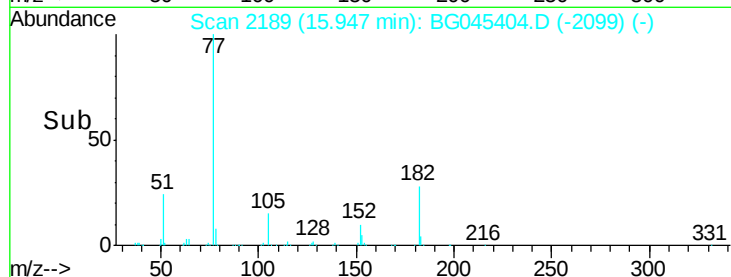
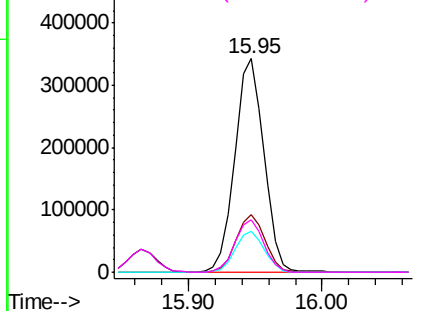
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		516851		
182	26.9	6.5	46.5		
105	19.3	0.0	37.9		
51	24.8	4.1	44.1		

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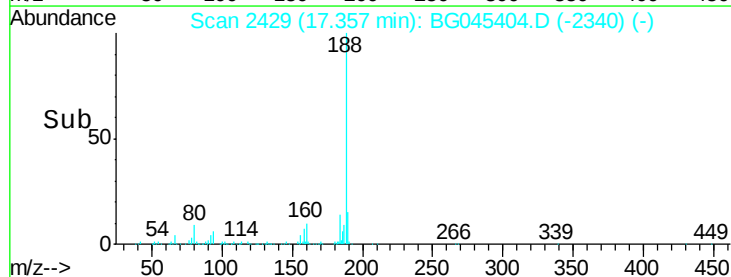
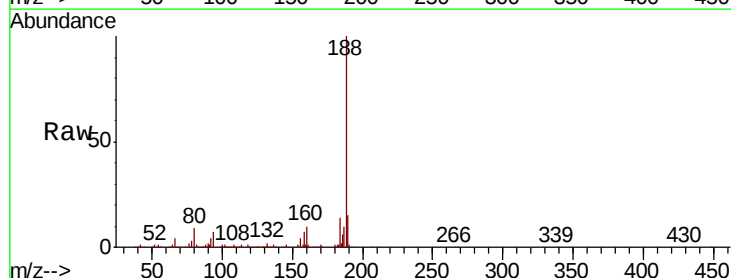
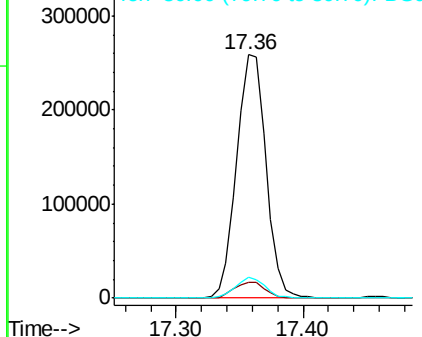
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

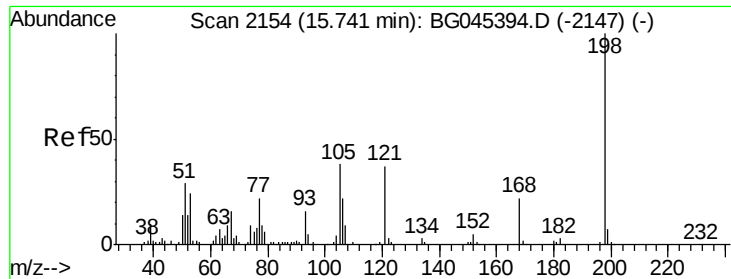


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		414999		
94	6.7	5.5	8.3		
80	8.5	6.6	10.0		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 44.966 ng

RT: 15.74 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

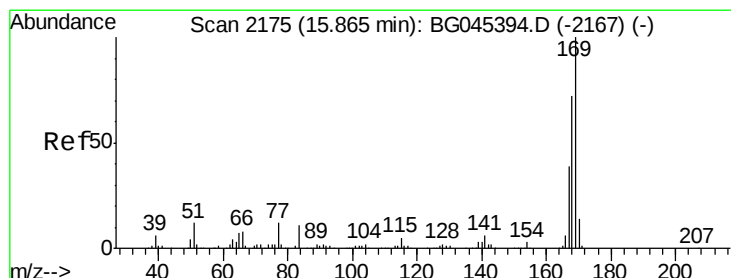
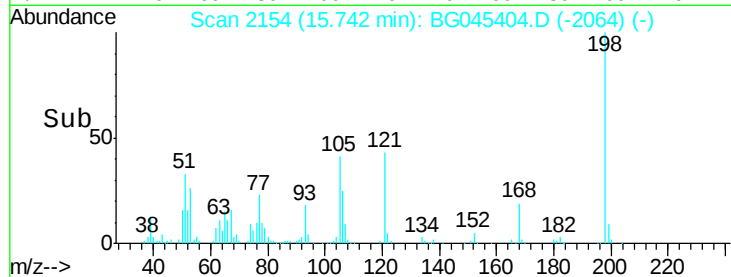
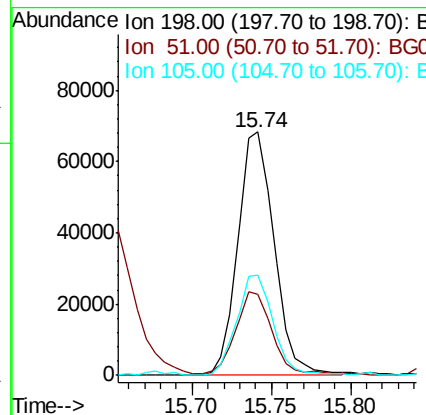
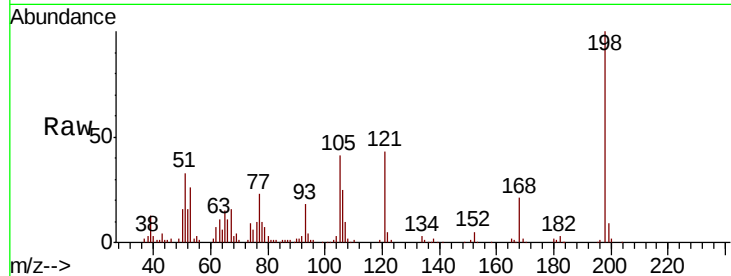
ClientSampleId :

PB128906BSD

Tot Ion:	198	Resp:	108681
Ion Ratio	Lower	Upper	
198	100		
51	33.2	10.0	50.0
105	41.2	18.9	58.9

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#66

n-Nitrosodiphenylamine

Concen: 45.914 ng

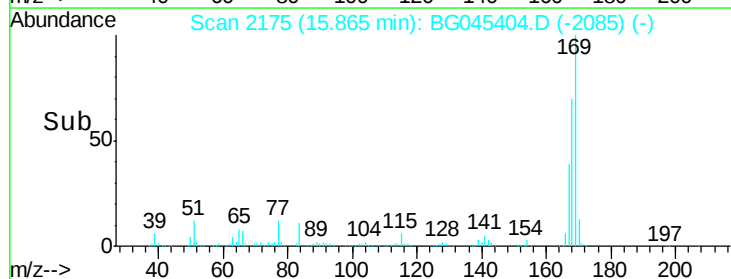
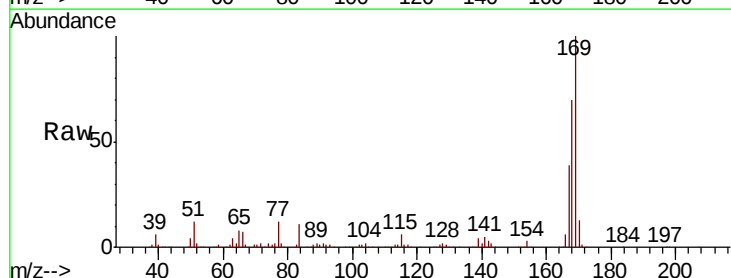
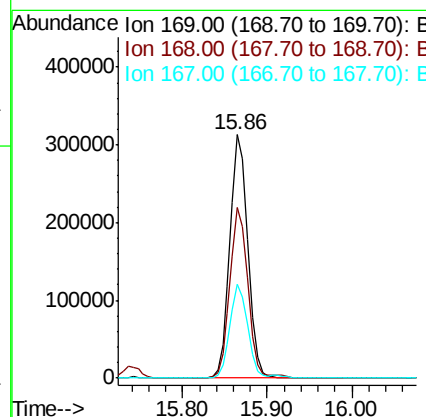
RT: 15.86 min Scan# 2175

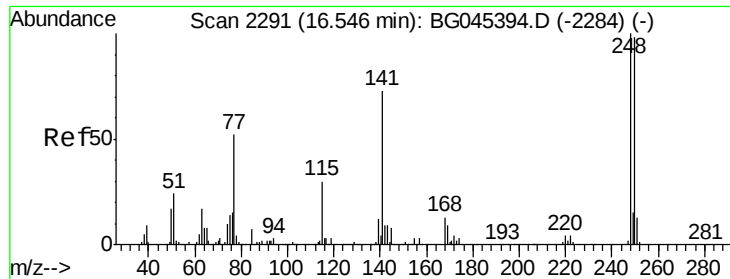
Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	169	Resp:	457492
Ion Ratio	Lower	Upper	
169	100		
168	70.0	57.8	86.6
167	38.5	31.5	47.3





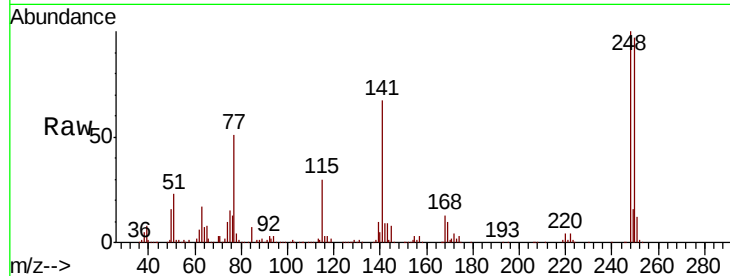
#67
4-Bromophenyl-phenylether
Concen: 43.613 ng
RT: 16.55 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.6	117.8
141	67.5	58.2	87.2

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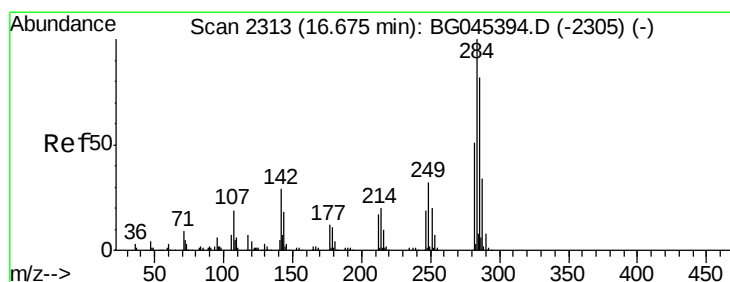
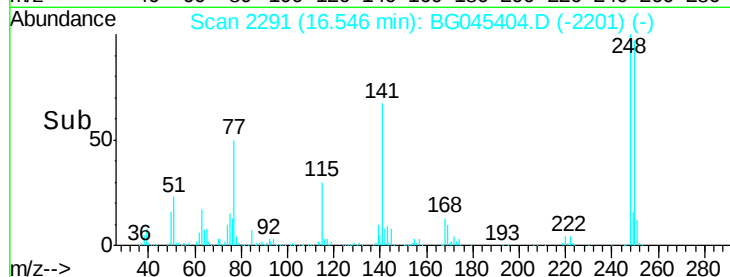
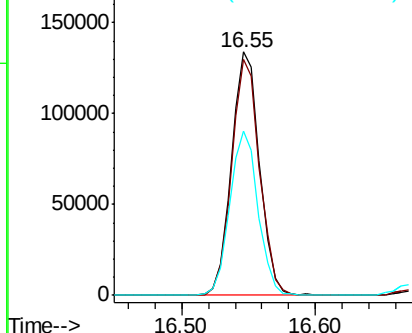


Abundance

Ion 248.00 (247.70 to 248.70): E

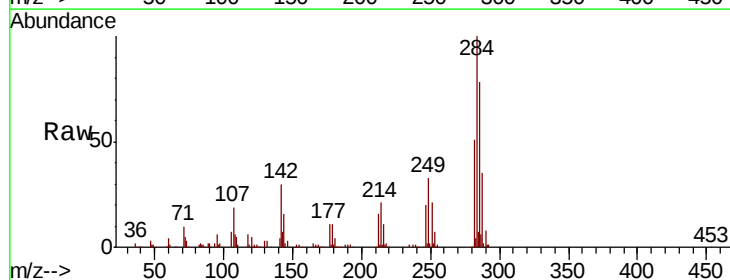
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.063 ng
RT: 16.68 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.0	34.6
249	32.8	25.8	38.6

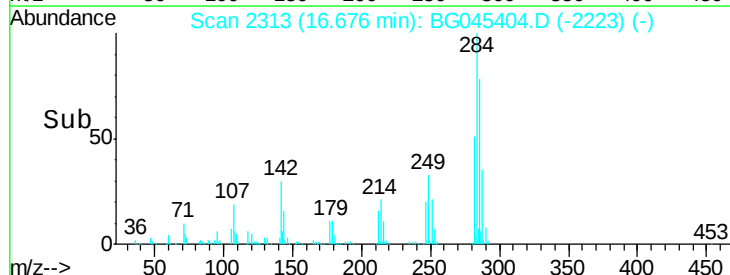
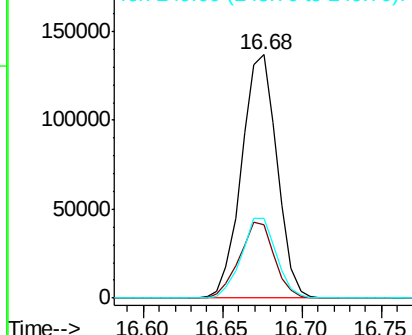


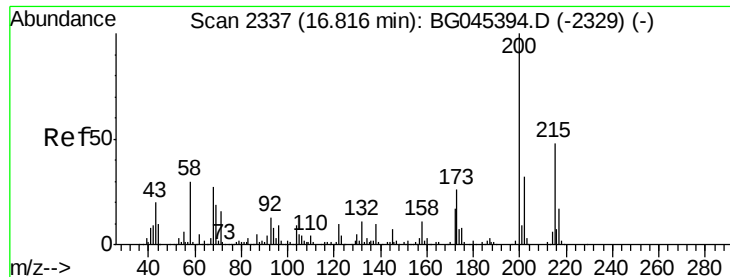
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





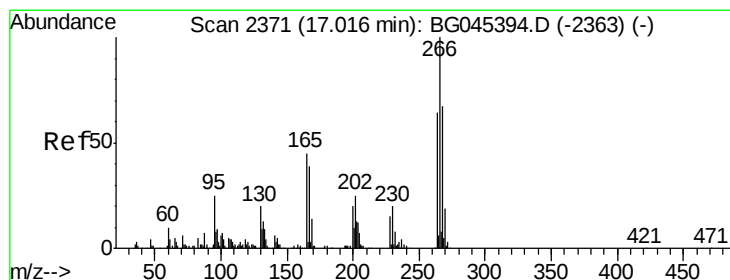
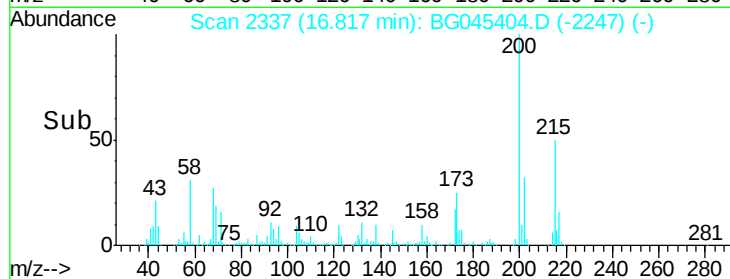
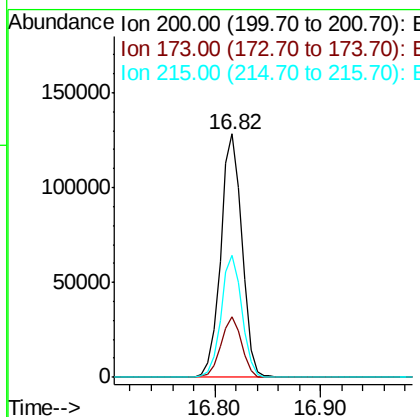
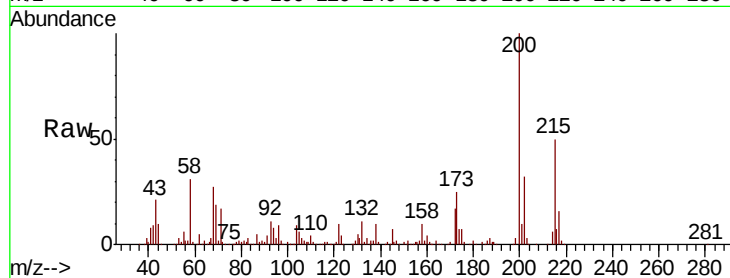
#69
Atrazine
Concen: 43.644 ng
RT: 16.82 min Scan# 2337
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	179118		
173	24.7	5.5	45.5	
215	49.9	28.2	68.2	

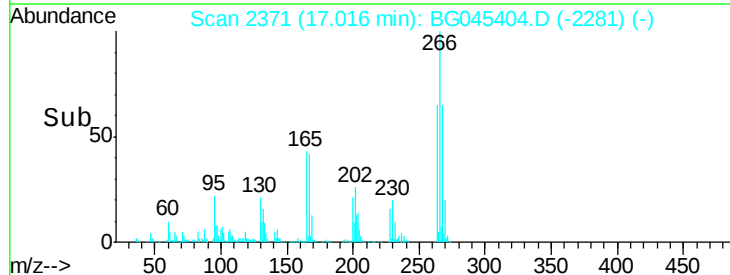
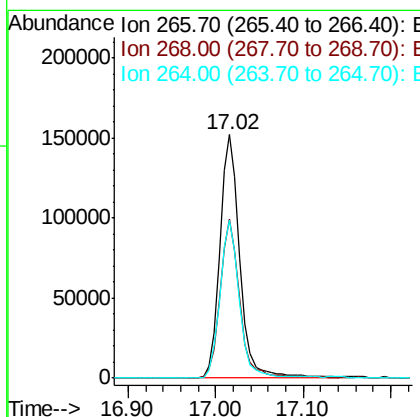
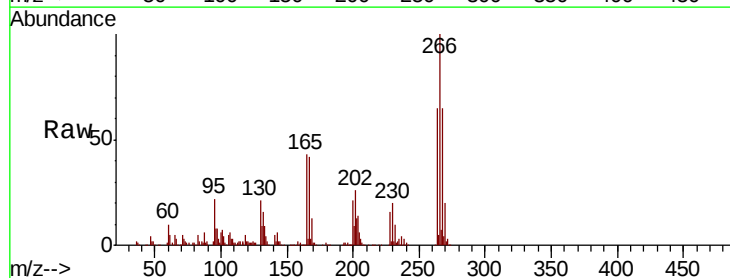
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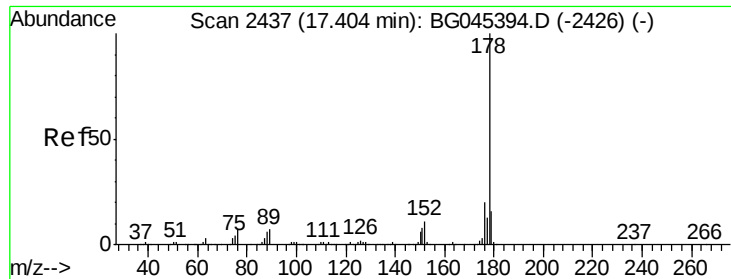
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#70
Pentachlorophenol
Concen: 98.298 ng
RT: 17.02 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	239894		
268	65.3	53.2	79.8	
264	64.9	51.0	76.4	





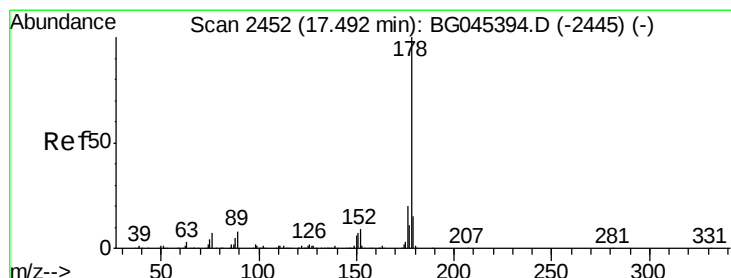
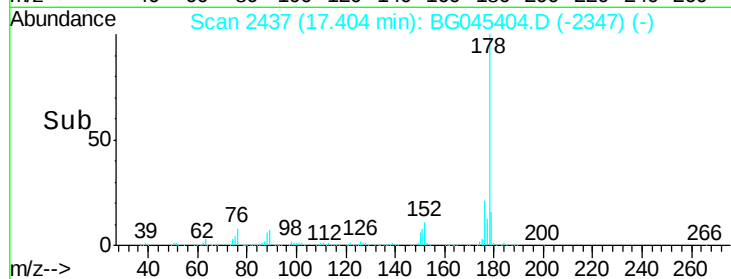
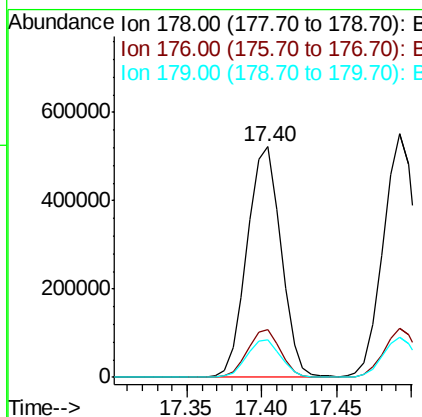
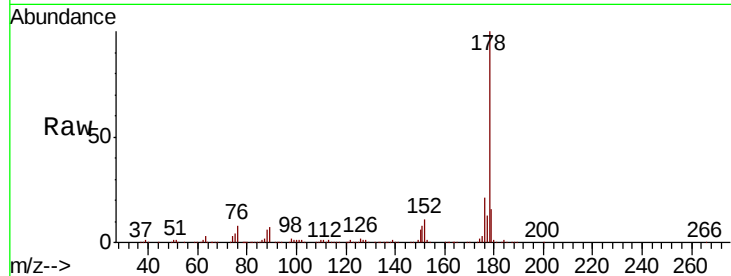
#71
Phenanthrene
Concen: 45.445 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	16.4	13.1	19.7

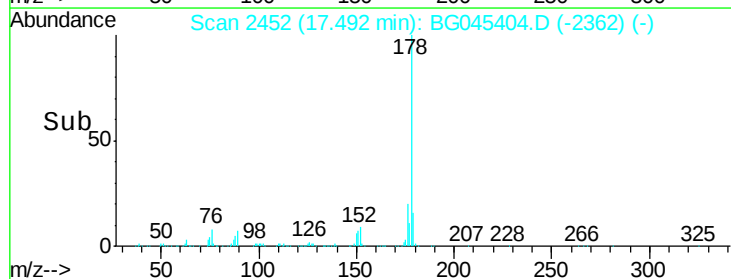
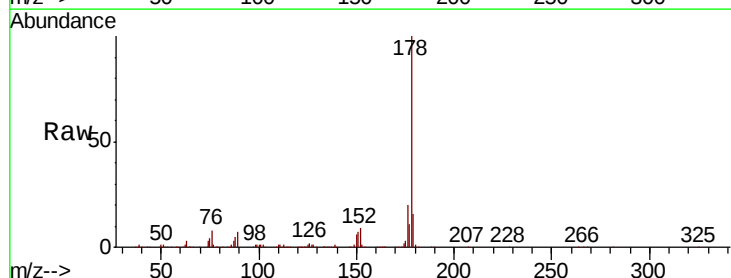
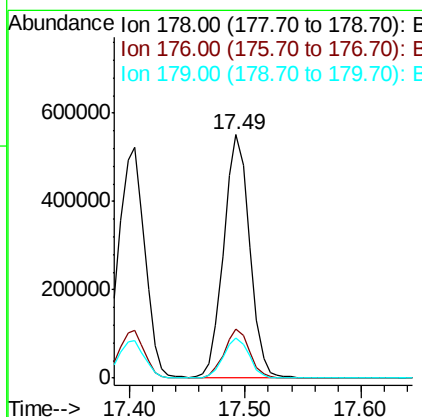
Manual Integrations
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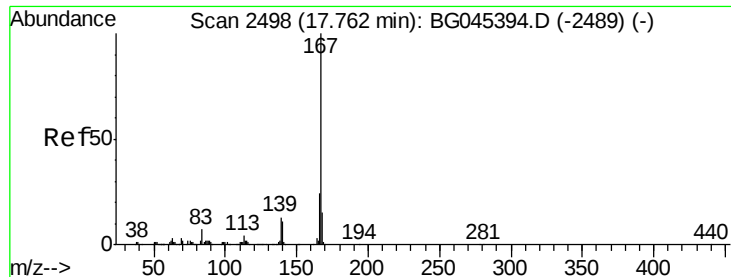
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#72
Anthracene
Concen: 47.007 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.3	12.2	18.4





#73

Carbazole

Concen: 44.956 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

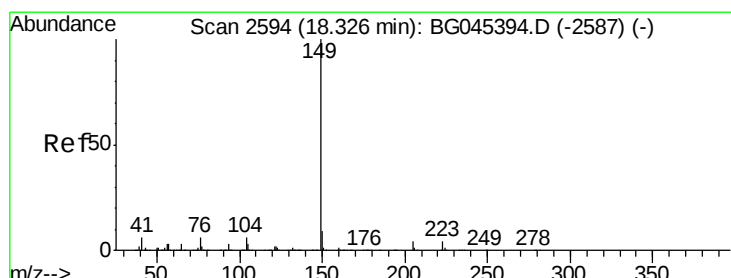
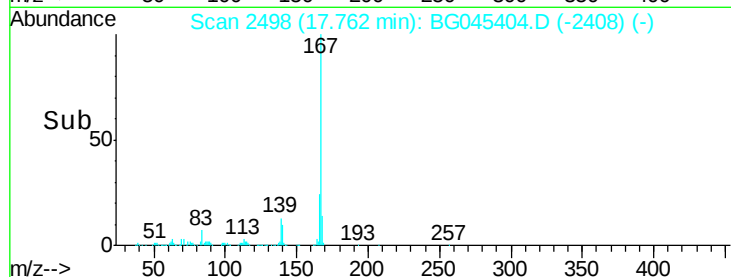
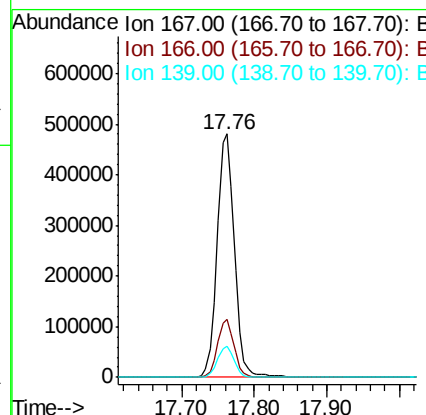
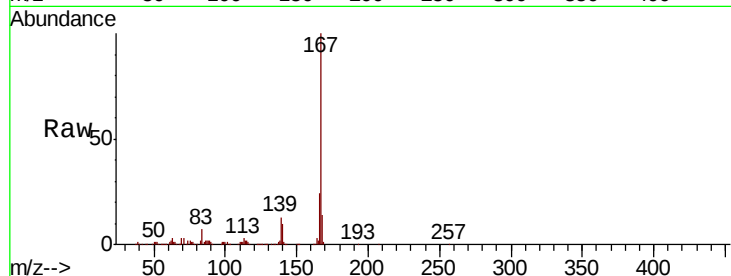
ClientSampleId :

PB128906BSD

Tot Ion:	167	Resp:	797275
Ion Ratio	Lower	Upper	
167	100		
166	23.6	19.2	28.8
139	12.9	10.6	16.0

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#74

Di-n-butylphthalate

Concen: 43.889 ng

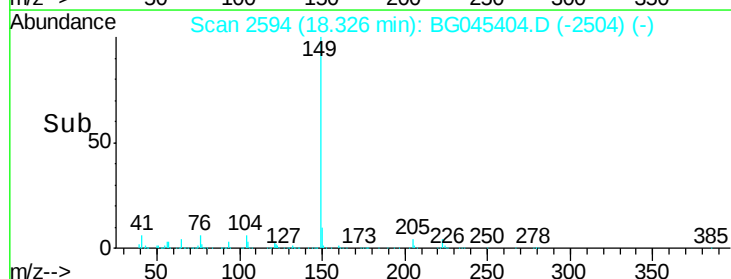
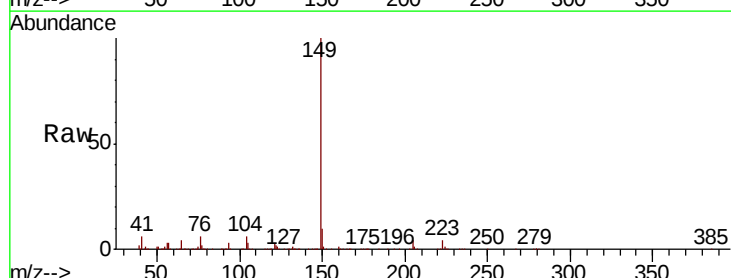
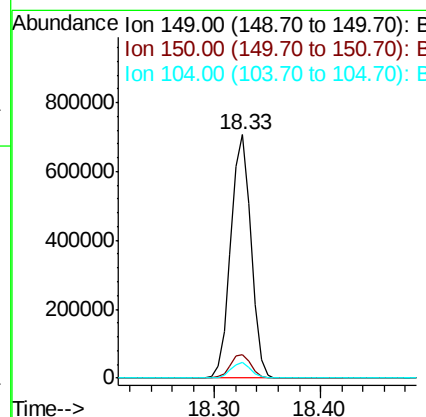
RT: 18.33 min Scan# 2594

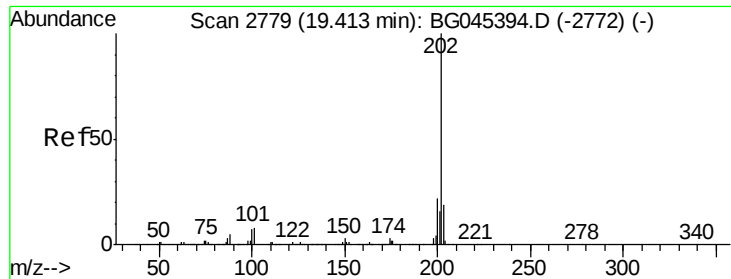
Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	149	Resp:	934215
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 46.392 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

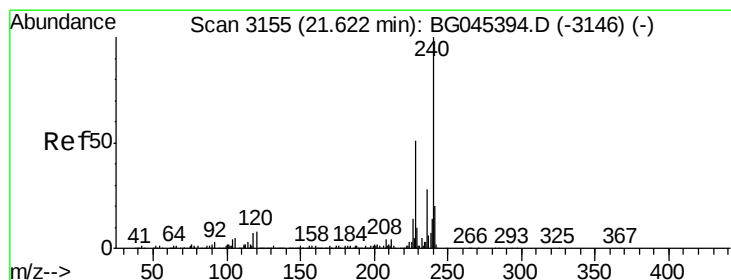
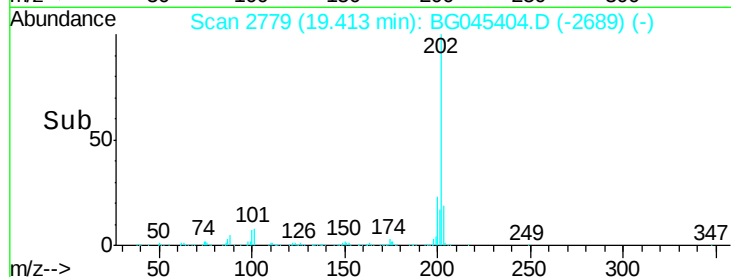
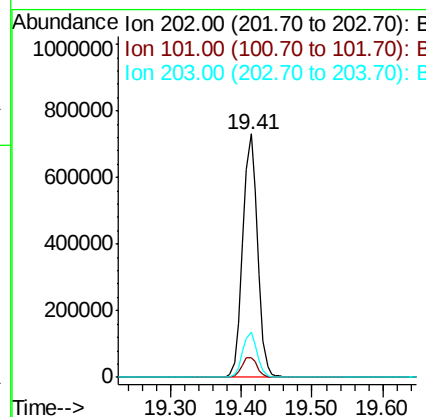
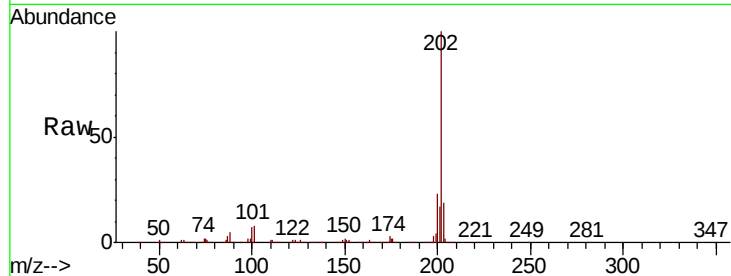
ClientSampleId :

PB128906BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1069055		
101	8.3		0.0	28.3
203	18.7		0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

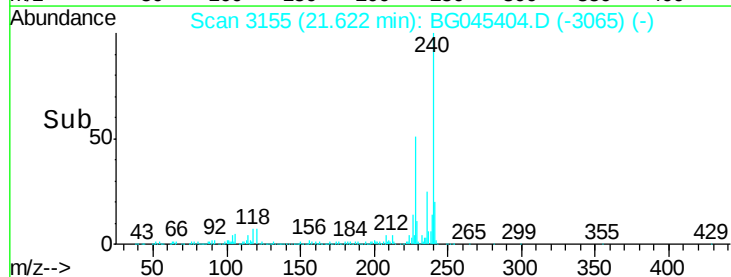
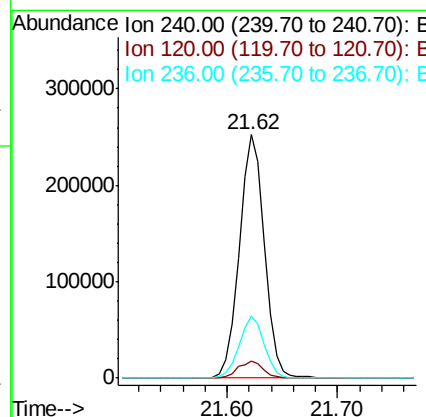
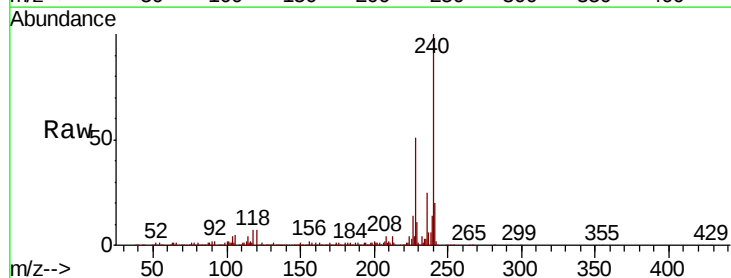
RT: 21.62 min Scan# 3155

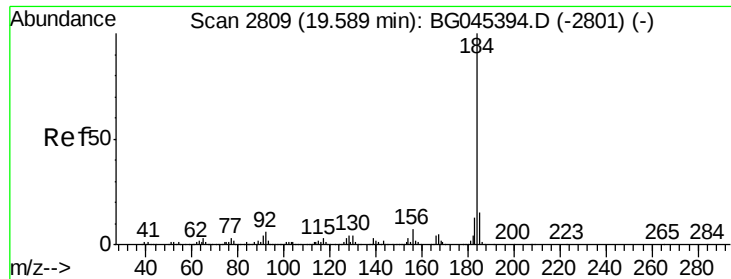
Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	402312		
120	7.1		6.1	9.1
236	25.4		22.3	33.5





#77

Benzidine

Concen: 44.572 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

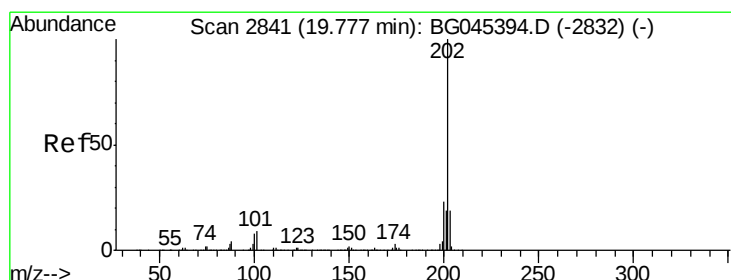
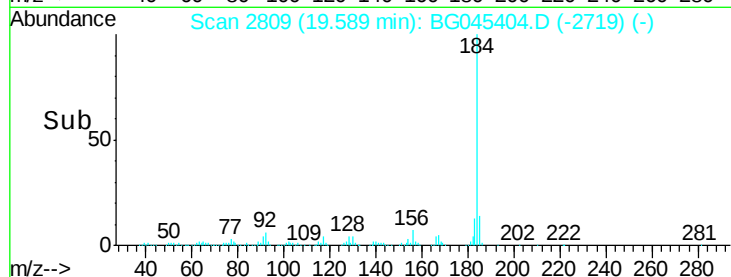
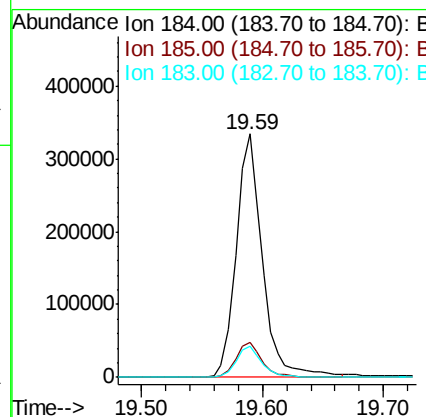
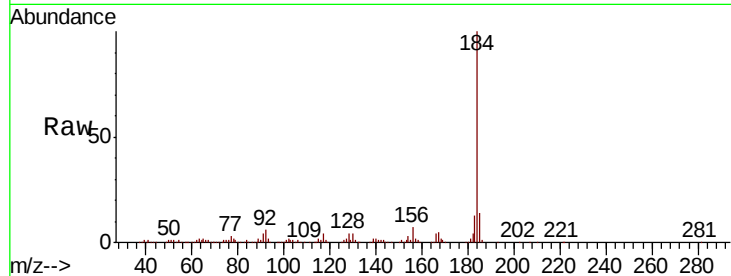
ClientSampleId :

PB128906BSD

Tot Ion:	184	Resp:	503625
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.7	17.5
183	12.6	10.2	15.4

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#78

Pyrene

Concen: 45.989 ng

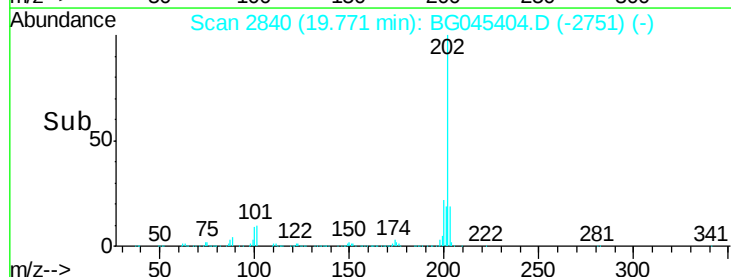
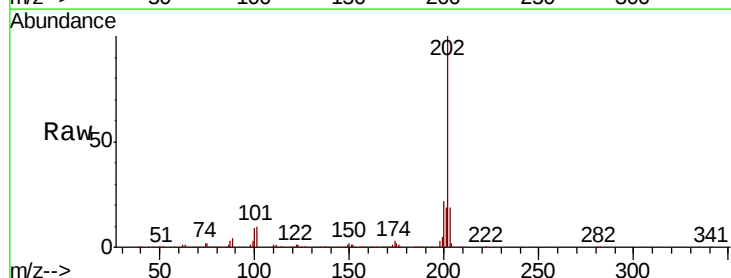
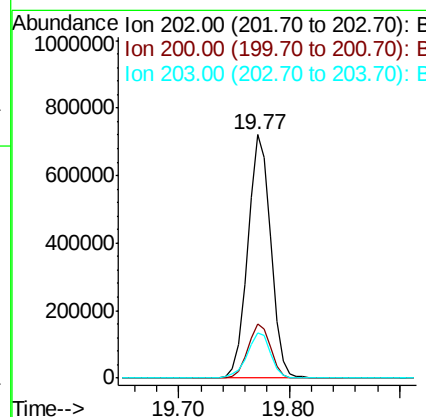
RT: 19.77 min Scan# 2840

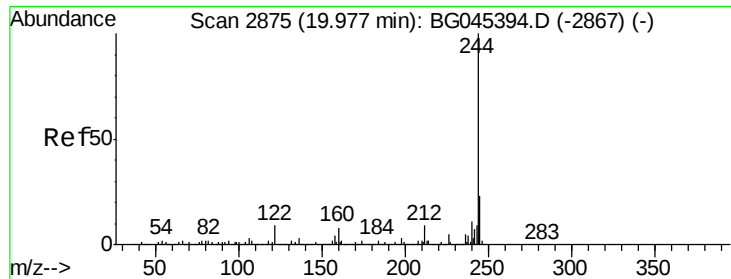
Delta R.T. -0.01 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	202	Resp:	1054690
Ion Ratio	Lower	Upper	
202	100		
200	22.1	18.2	27.2
203	18.6	15.1	22.7





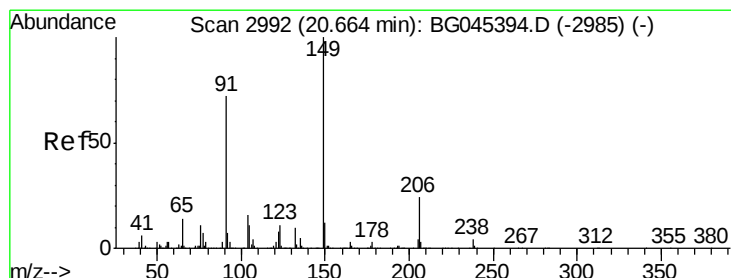
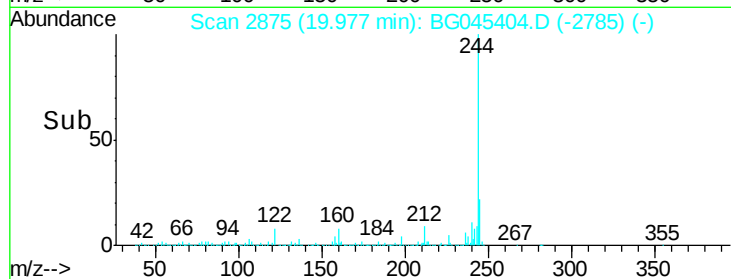
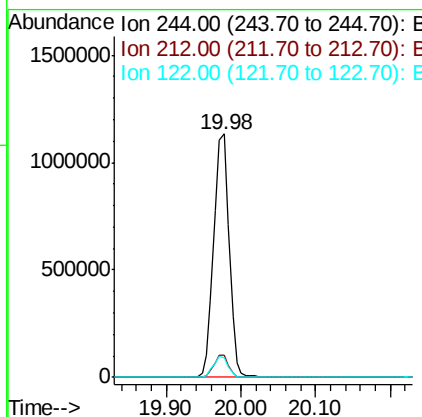
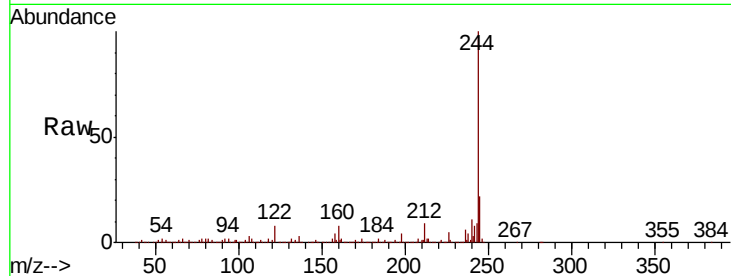
#79
 Terphenyl-d14
 Concen: 94.650 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	8.2	6.8	10.2

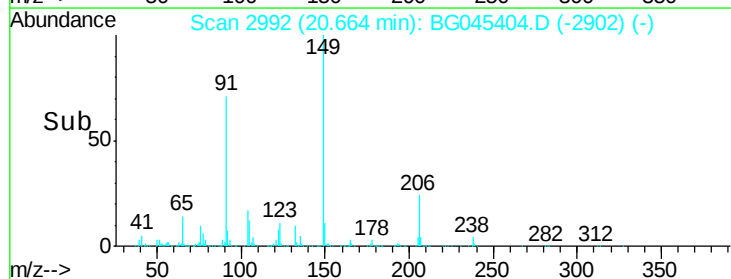
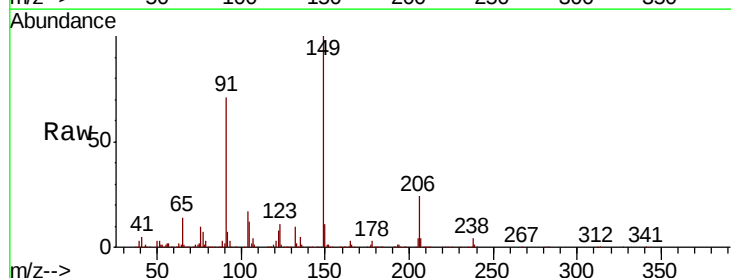
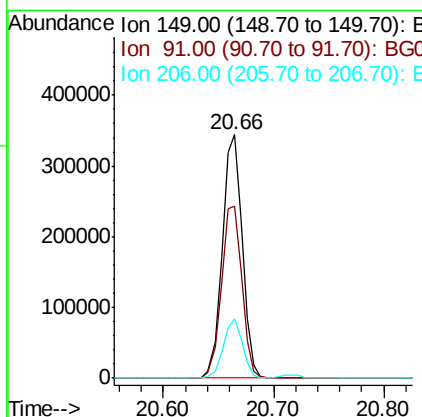
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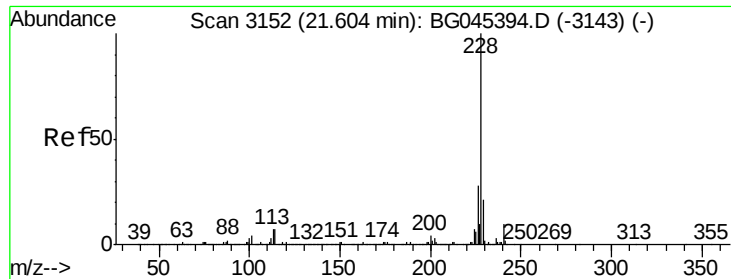
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#80
 Butylbenzylphthalate
 Concen: 44.094 ng
 RT: 20.66 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.8	86.6
206	24.4	19.1	28.7





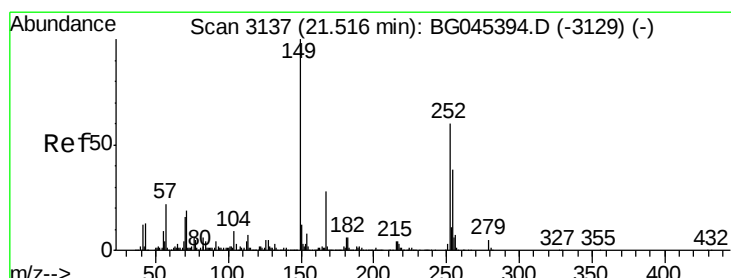
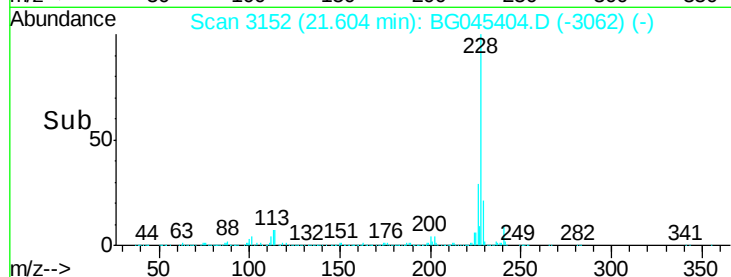
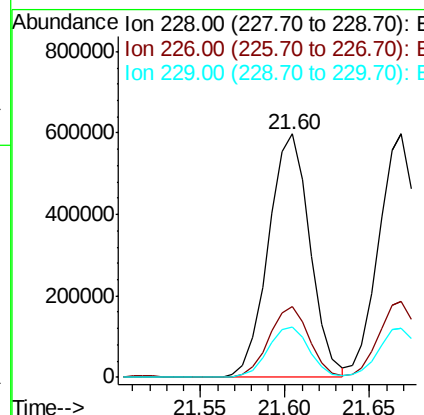
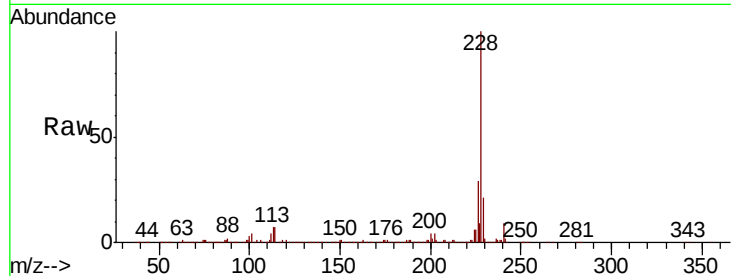
#81
Benzo(a)anthracene
Concen: 45.457 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	20.8	16.7	25.1

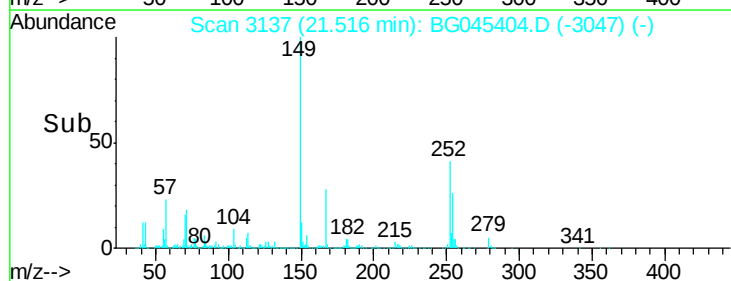
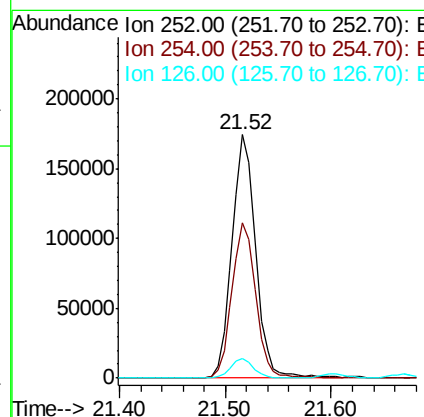
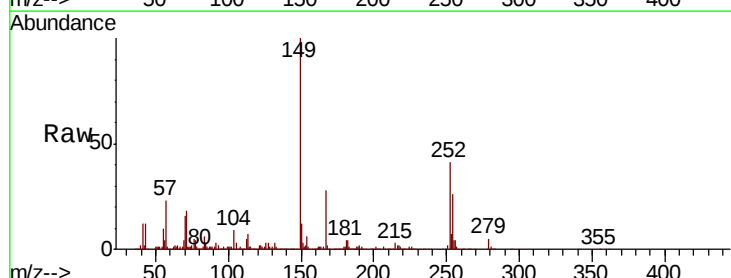
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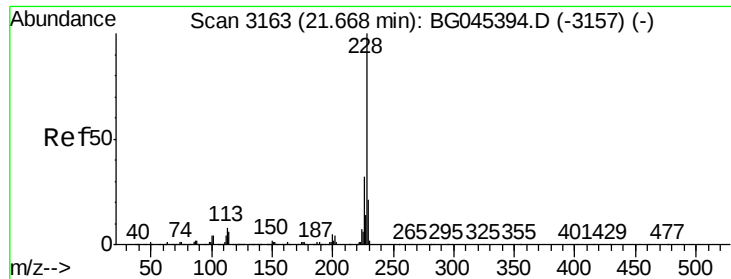
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#82
3,3'-Dichlorobenzidine
Concen: 30.821 ng
RT: 21.52 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	8.1	6.6	10.0





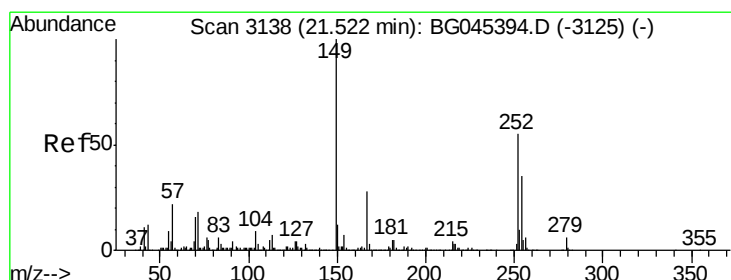
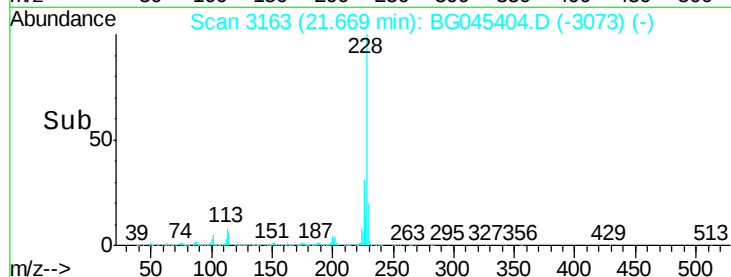
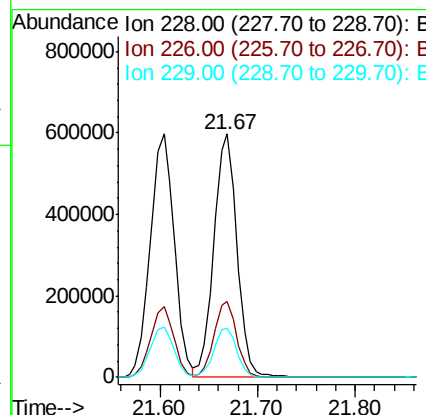
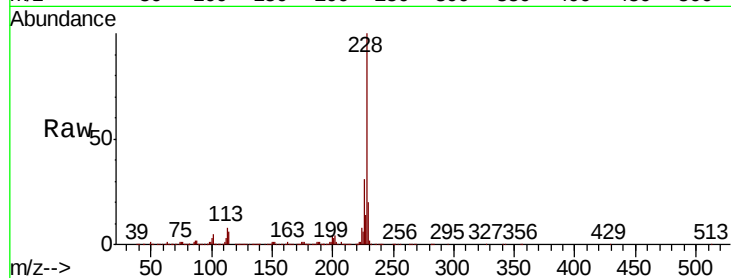
#83
 Chrvsene
 Concen: 45.373 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Instrument :
 BNA_G
 ClientSampleId :
 PB128906BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.2	37.8
229	20.2	16.7	25.1

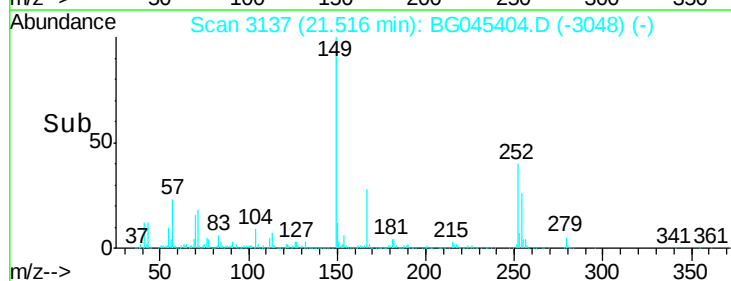
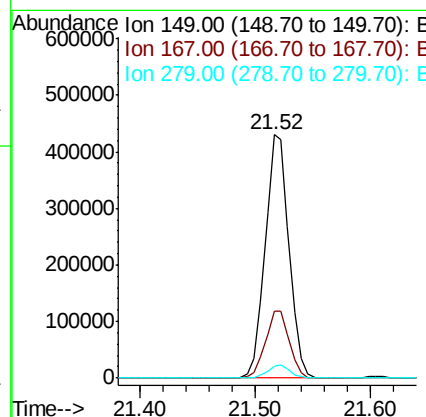
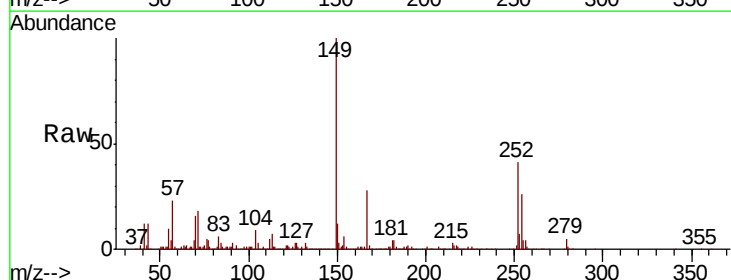
Manual Integrations
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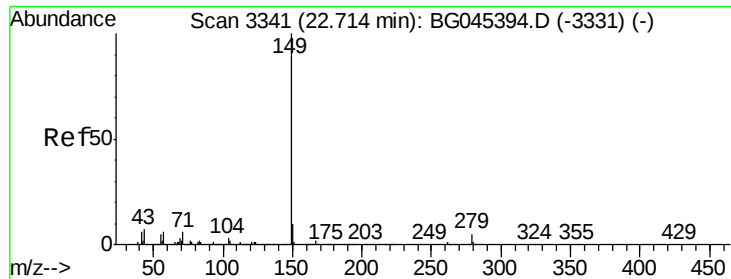
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.358 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.01 min
 Lab File: BG045404.D
 Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	5.0	4.7	7.1





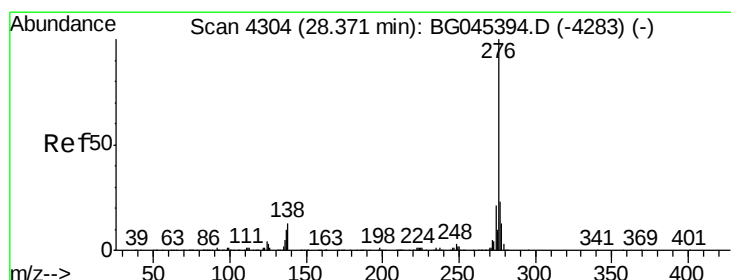
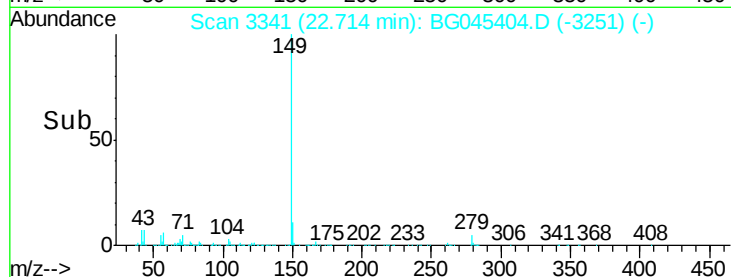
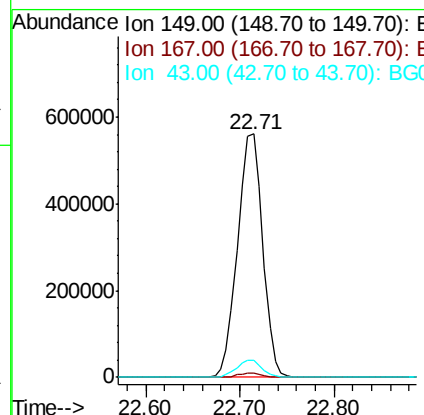
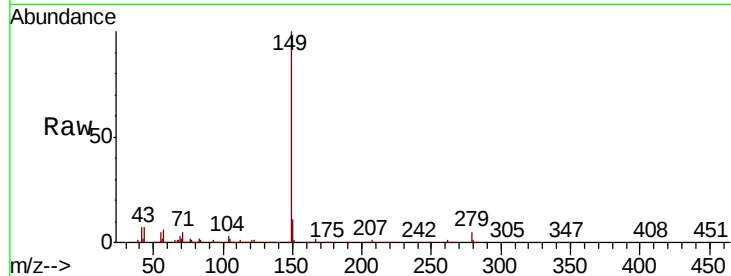
#85
Di-n-octyl phthalate
Concen: 44.650 ng
RT: 22.71 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.1	5.8	8.8

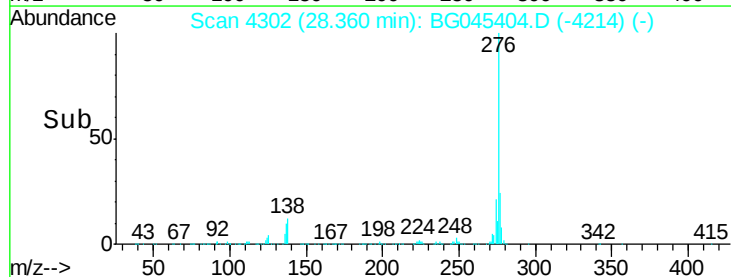
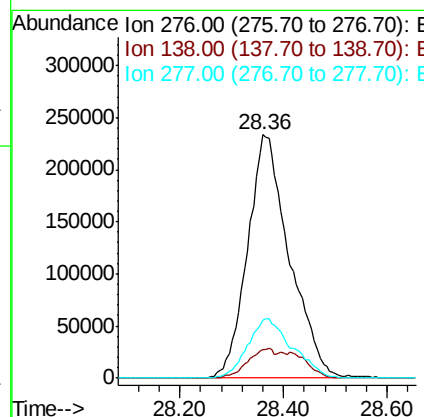
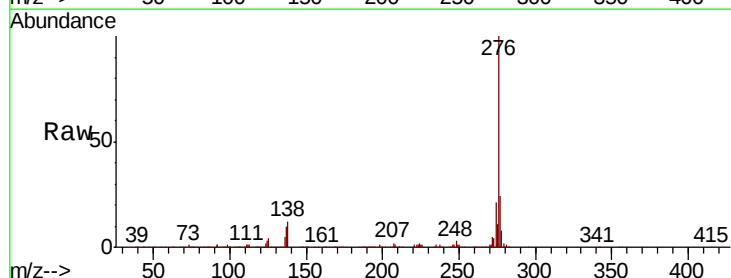
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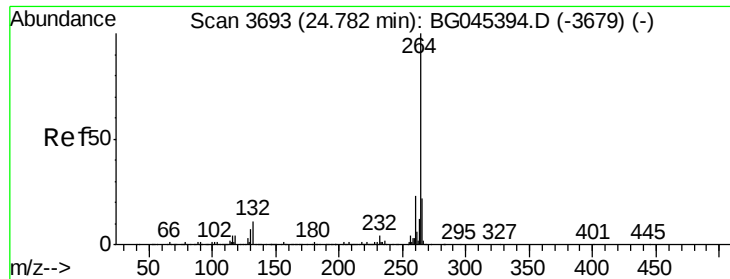
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.369 ng
RT: 28.36 min Scan# 4302
Delta R.T. -0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.6	12.8#
277	26.1	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

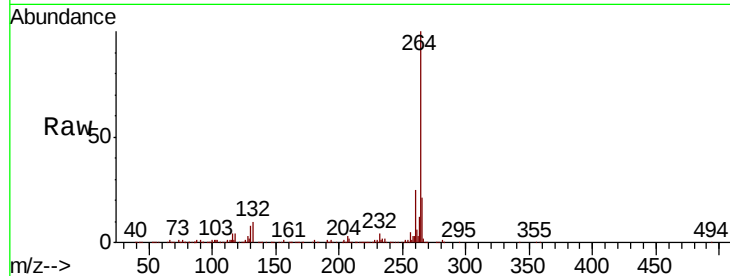
ClientSampleId :

PB128906BSD

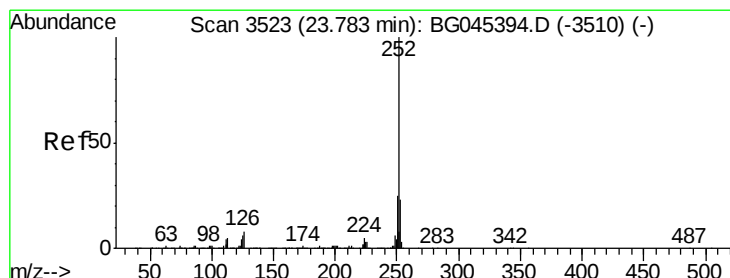
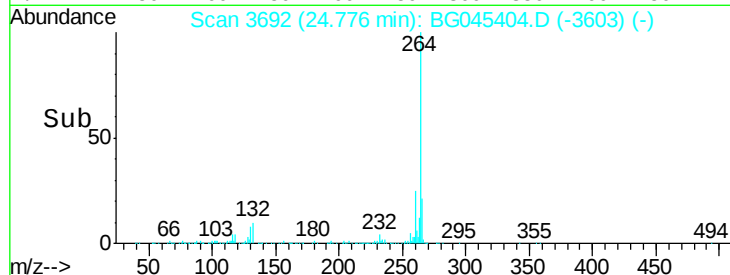
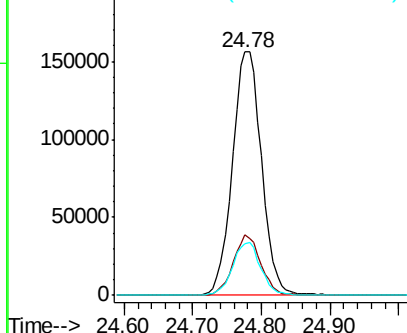
Tot Ion:	264	Resp:	460896
Ion Ratio		Lower	Upper
264	100		
260	25.1	18.2	27.4
265	21.4	17.6	26.4

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



#88

Benzo(b)fluoranthene

Concen: 44.184 ng

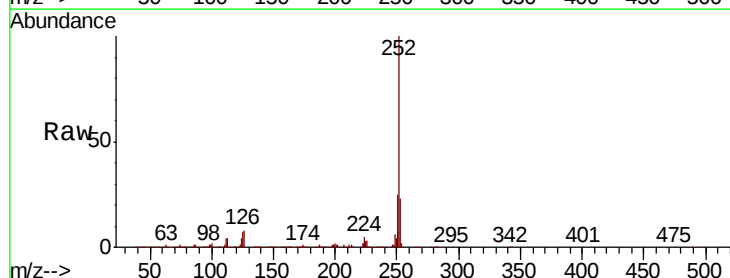
RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

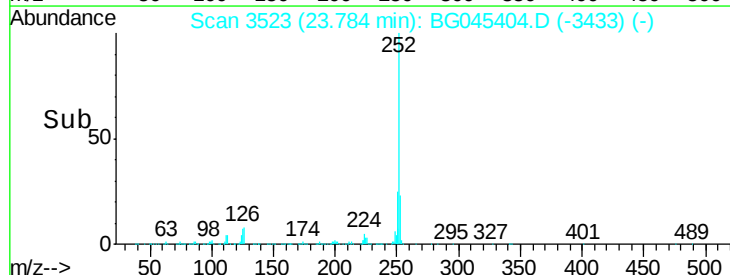
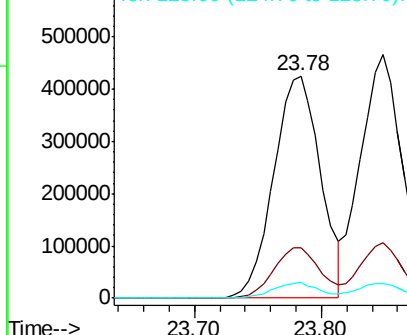
Lab File: BG045404.D

Acq: 15 May 2020 19:54

Tgt Ion:	252	Resp:	1092161
Ion Ratio		Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.0	5.0	7.6



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





#89

Benzo(k)fluoranthene

Concen: 46.379 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

Instrument :

BNA_G

ClientSampleId :

PB128906BSD

Tot Ion:252 Resp: 1077032

Ion Ratio Lower Upper

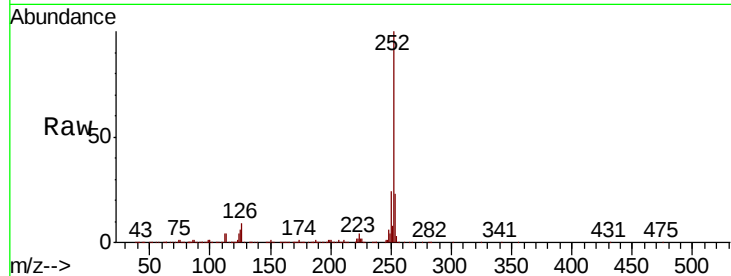
252 100

253 22.7 18.4 27.6

125 6.0 5.7 8.5

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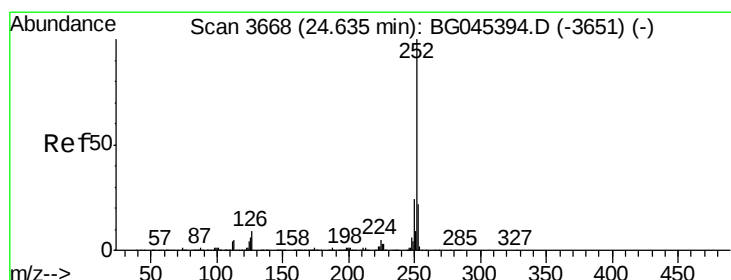
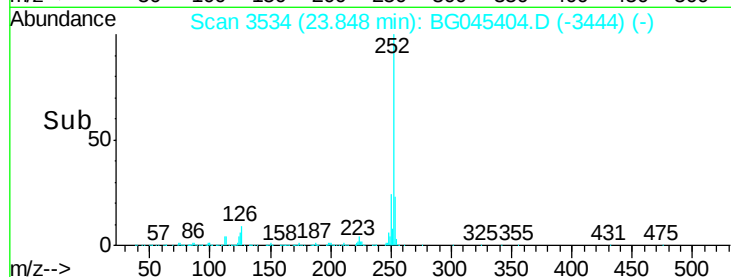
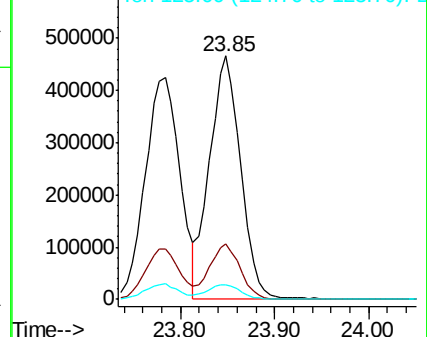


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.981 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG045404.D

Acq: 15 May 2020 19:54

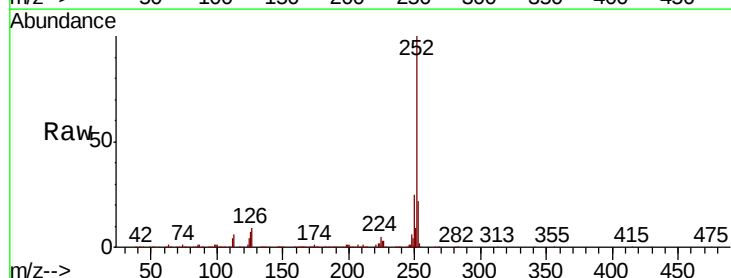
Tgt Ion:252 Resp: 1012483

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 6.8 5.0 7.6

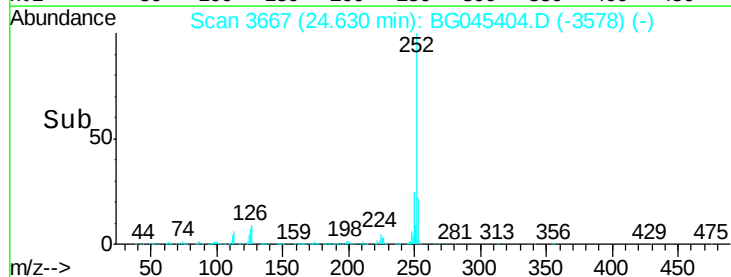
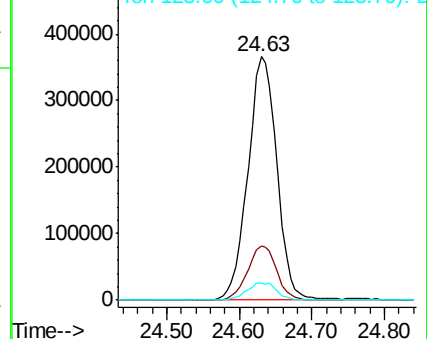


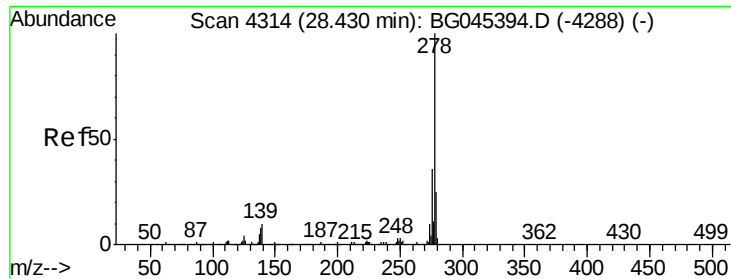
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





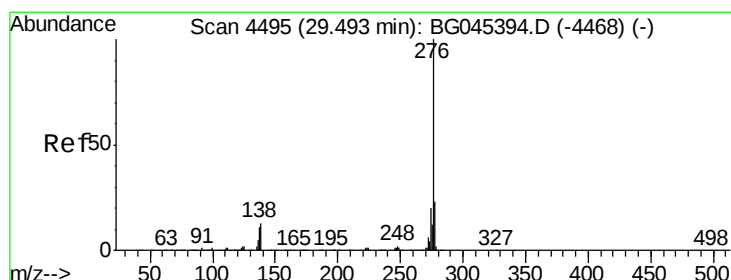
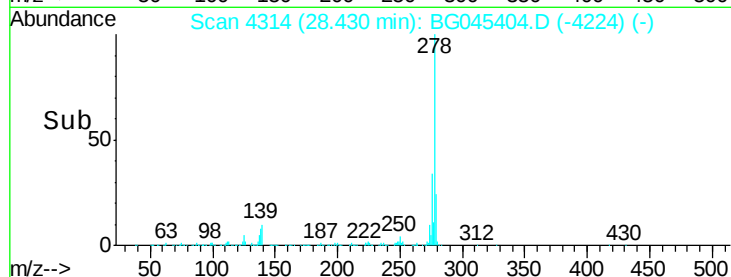
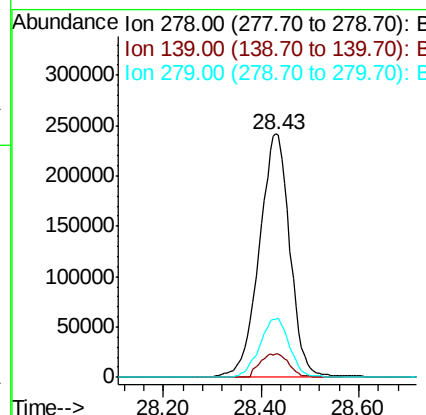
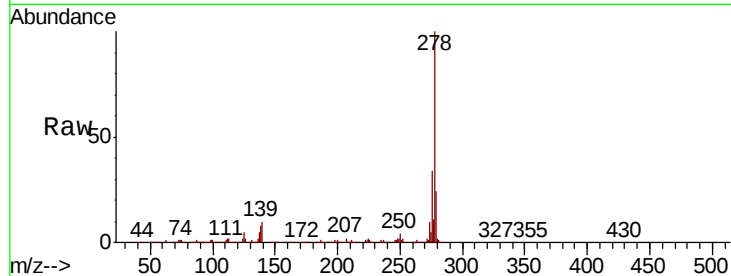
#91
Dibenzo(a,h)anthracene
Concen: 45.621 ng
RT: 28.43 min Scan# 4314
Delta R.T. 0.00 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Instrument :
BNA_G
ClientSampleId :
PB128906BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	7.8	11.8
279	23.9	19.8	29.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.730 ng
RT: 29.49 min Scan# 4494
Delta R.T. -0.01 min
Lab File: BG045404.D
Acq: 15 May 2020 19:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.1	27.1
138	13.0	10.2	15.4

