

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044613.D
 Acq On : 26 Feb 2020 21:23
 Operator : CG/JU
 Sample : L1367-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Manual Integrations
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Quant Time: Feb 27 07:34:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	62710	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	258208	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	174020	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	412997	20.00	ng	0.00
76) Chrysene-d12	21.50	240	415021	20.00	ng	0.00
87) Perylene-d12	24.57	264	445921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	482261	123.39	ng	0.00
7) Phenol-d6	7.05	99	590752	110.42	ng	0.00
23) Nitrobenzene-d5	9.03	82	414748	82.75	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	323690	131.18	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	963948	79.32	ng	0.00
79) Terphenyl-d14	19.88	244	1751564	79.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	61046	35.793	ng	# 42
3) Pyridine	3.74	79	124877	26.240	ng	97
4) n-Nitrosodimethylamine	3.65	42	77988	43.147	ng	97
6) Aniline	7.20	93	149848	23.005	ng	99
8) 2-Chlorophenol	7.44	128	201895	47.321	ng	100
9) Benzaldehyde	7.01	77	72829	23.150	ng	96
10) Phenol	7.08	94	212342	40.957	ng	99
11) bis(2-Chloroethyl)ether	7.29	93	185092	42.468	ng	98
12) 1,3-Dichlorobenzene	7.76	146	210348	41.336	ng	98
13) 1,4-Dichlorobenzene	7.91	146	209280	40.922	ng	98
14) 1,2-Dichlorobenzene	8.23	146	201067	41.342	ng	98
15) Benzyl Alcohol	8.12	79	166160	46.052	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	240470	41.053	ng	98
17) 2-Methylphenol	8.33	107	163029	44.017	ng	97
18) Hexachloroethane	8.96	117	75782	40.547	ng	99
19) n-Nitroso-di-n-propylamine	8.68	70	148061	43.055	ng	99
20) 3+4-Methylphenols	8.66	107	224871	44.347	ng	99
22) Acetophenone	8.69	105	279858	43.170	ng	# 99
24) Nitrobenzene	9.07	77	209215	43.087	ng	99
25) Isophorone	9.60	82	411933	43.935	ng	98
26) 2-Nitrophenol	9.79	139	115875	44.003	ng	95
27) 2,4-Dimethylphenol	9.86	122	194010	52.471	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	256960	41.443	ng	99
29) 2,4-Dichlorophenol	10.33	162	203140	45.954	ng	98
30) 1,2,4-Trichlorobenzene	10.54	180	204895	40.079	ng	98
31) Naphthalene	10.72	128	597302	42.394	ng	99
32) Benzoic acid	10.03	122	58415	45.098	ng	92
33) 4-Chloroaniline	10.84	127	37607	6.060	ng	97
34) Hexachlorobutadiene	11.02	225	123315	38.409	ng	97
35) Caprolactam	11.61	113	58450m	36.936	ng	
36) 4-Chloro-3-methylphenol	11.97	107	217117	47.715	ng	97
37) 2-Methylnaphthalene	12.34	142	450571	43.270	ng	98
38) 1-Methylnaphthalene	12.55	142	426798	43.136	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	228609	39.022	ng	98

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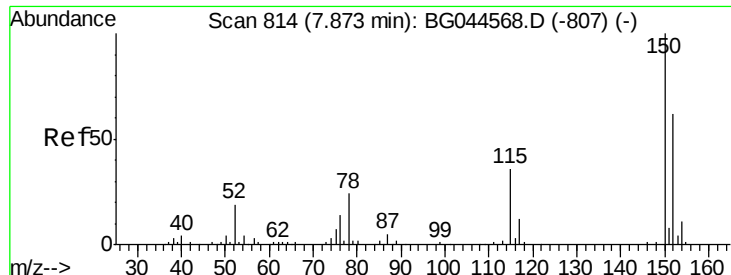
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	197818	71.829	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	169053	44.442	ng	97
44) 2,4,5-Trichlorophenol	13.03	196	184882	47.314	ng	98
46) 1,1'-Biphenyl	13.35	154	581986	40.413	ng	98
47) 2-Chloronaphthalene	13.39	162	452772	40.095	ng	99
48) 2-Nitroaniline	13.59	65	138705	44.248	ng	97
49) Acenaphthylene	14.24	152	727723	43.656	ng	99
50) Dimethylphthalate	13.98	163	644910	45.915	ng	99
51) 2,6-Dinitrotoluene	14.09	165	139912	45.166	ng	96
52) Acenaphthene	14.58	154	449147	42.269	ng	100
53) 3-Nitroaniline	14.42	138	70553	21.118	ng	93
54) 2,4-Dinitrophenol	14.63	184	147967	80.152	ng	99
55) Dibenzofuran	14.92	168	715814	43.942	ng	99
56) 4-Nitrophenol	14.75	139	230578	100.336	ng	98
57) 2,4-Dinitrotoluene	14.89	165	199846	45.887	ng	99
58) Fluorene	15.57	166	573292	44.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	170778	47.460	ng	99
60) Diethylphthalate	15.34	149	623368	44.792	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	301839	42.980	ng	99
62) 4-Nitroaniline	15.59	138	144317	43.141	ng	95
63) Azobenzene	15.85	77	542564	45.809	ng	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	120383	47.075	ng	99
66) n-Nitrosodiphenylamine	15.77	169	550266	42.714	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	208036	40.581	ng	99
68) Hexachlorobenzene	16.58	284	230232	39.723	ng	98
69) Atrazine	16.72	200	218607	45.902	ng	100
70) Pentachlorophenol	16.92	266	254074	88.713	ng	96
71) Phenanthrene	17.30	178	972289	42.523	ng	98
72) Anthracene	17.39	178	997706	44.278	ng	98
73) Carbazole	17.66	167	912985	44.513	ng	99
74) Di-n-butylphthalate	18.23	149	1109355	43.163	ng	99
75) Fluoranthene	19.32	202	1188016	43.891	ng	99
77) Benzidine	19.49	184	286078	20.123	ng	98
78) Pyrene	19.67	202	1193416	39.613	ng	98
80) Butylbenzylphthalate	20.57	149	526092	39.922	ng	98
81) Benzo(a)anthracene	21.48	228	1174790	40.275	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	227572	19.748	ng	100
83) Chrysene	21.55	228	1118081	39.645	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	742515	40.892	ng	99
85) Di-n-octyl phthalate	22.56	149	1292019	40.443	ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1466779	40.526	ng	100
88) Benzo(b)fluoranthene	23.61	252	1237951	42.224	ng	99
89) Benzo(k)fluoranthene	23.67	252	1231062	43.275	ng	100
90) Benzo(a)pyrene	24.43	252	1157861	42.033	ng	99
91) Dibenzo(a,h)anthracene	28.11	278	1202625	44.144	ng	99
92) Benzo(g,h,i)perylene	29.13	276	1228420	45.006	ng	99

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



#1

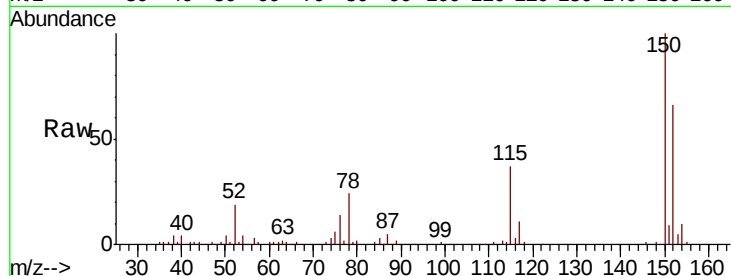
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

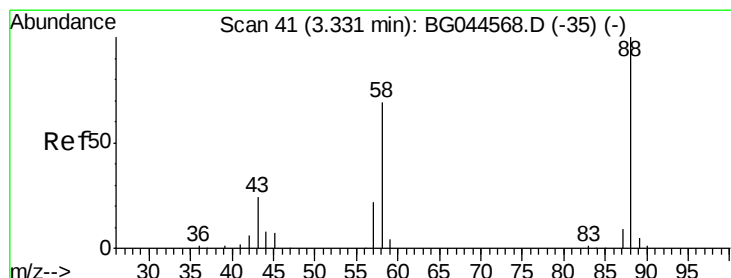
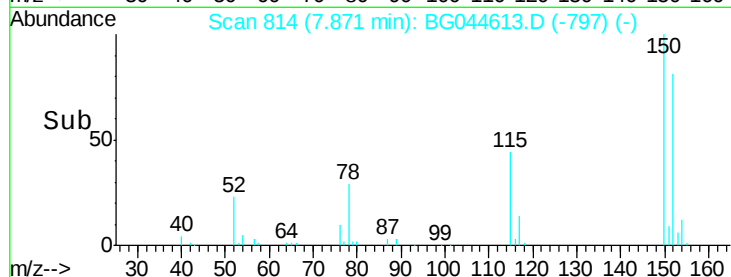
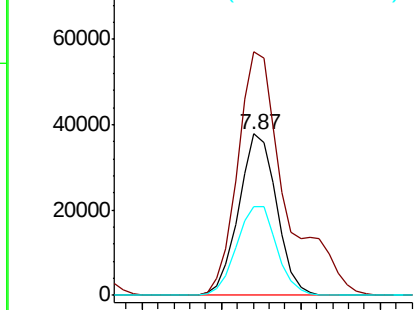
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	128.9	193.3
115	55.2	47.0	70.4

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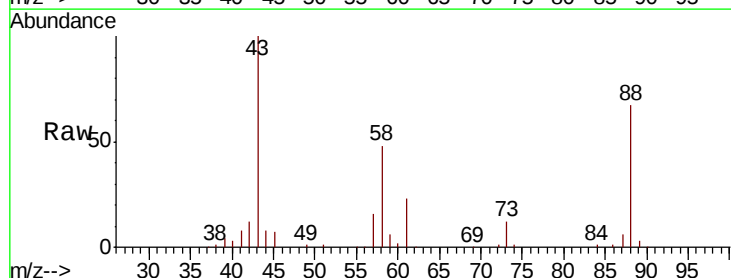
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



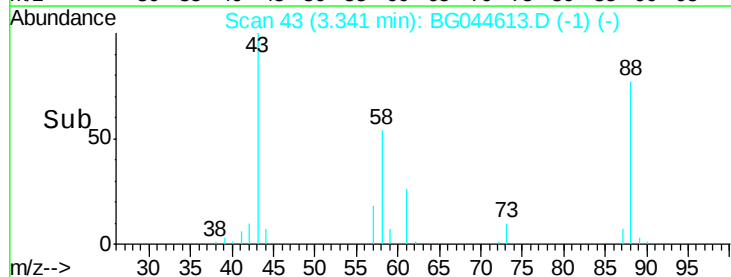
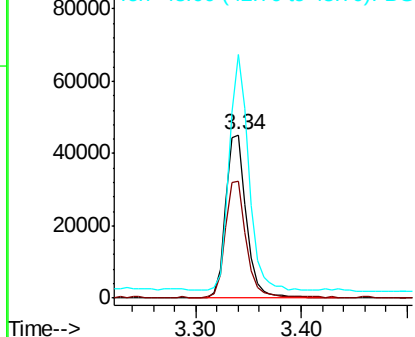
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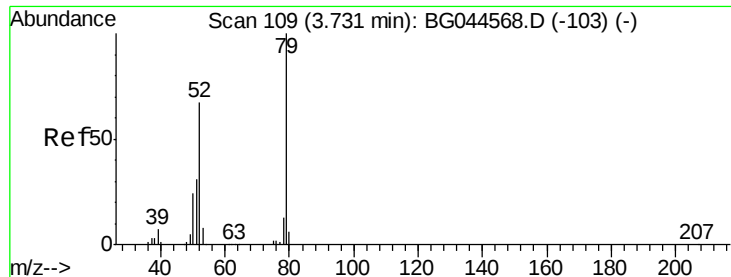
1,4-Dioxane
Concen: 35.793 ng
RT: 3.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.8	83.8
43	134.2	20.6	31.0#



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: 26.240 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

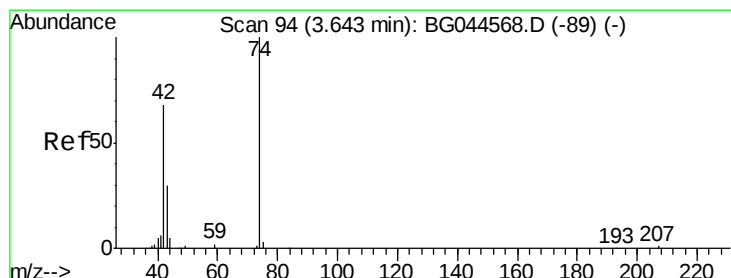
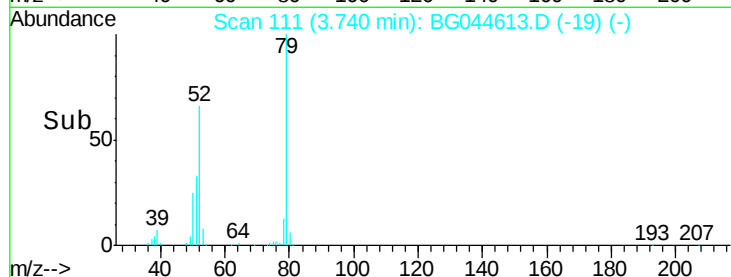
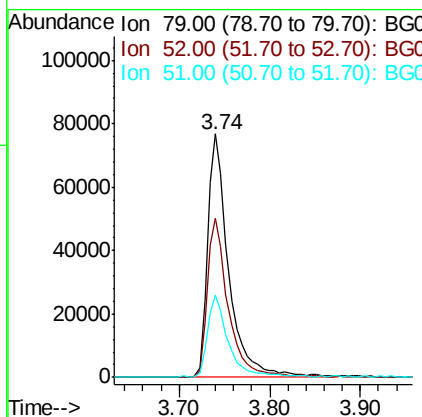
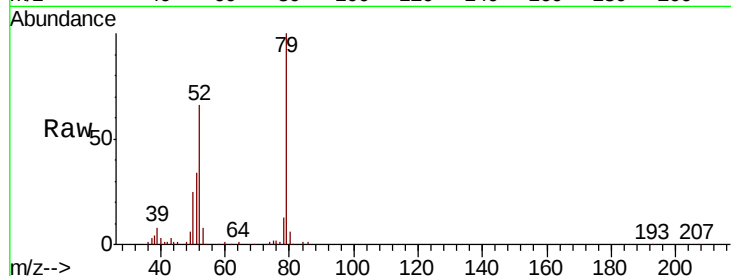
ClientSampleId :

OK-02-022420MSD

Tot Ion:	79	Resp:	124877
Ion	Ratio	Lower	Upper
79	100		
52	65.5	53.7	80.5
51	33.9	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 43.147 ng

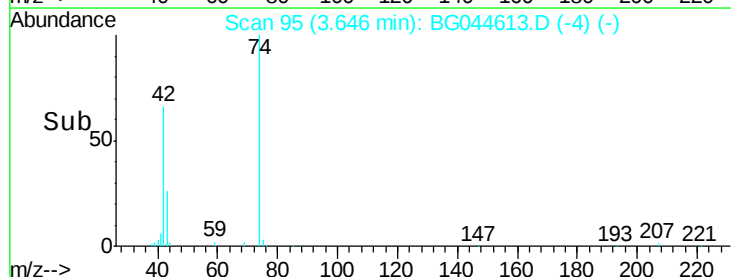
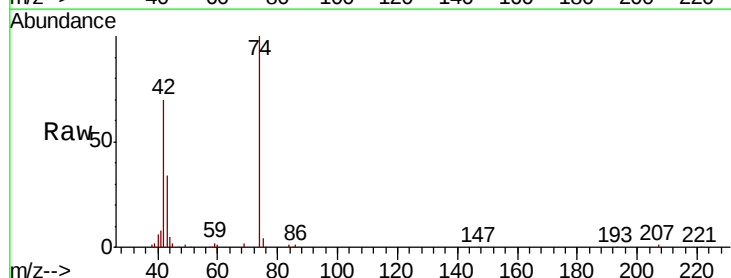
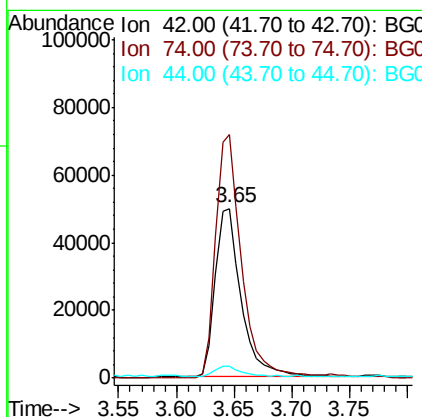
RT: 3.65 min Scan# 95

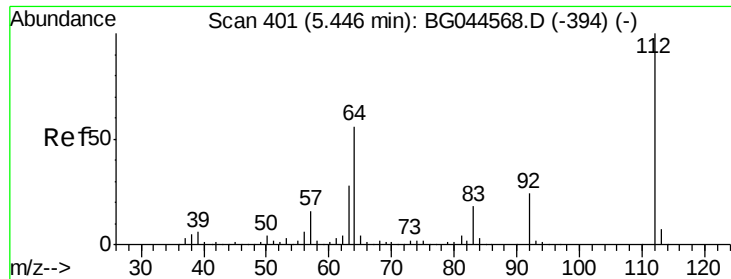
Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	42	Resp:	77988
Ion	Ratio	Lower	Upper
42	100		
74	143.5	117.6	176.4
44	7.3	6.3	9.5





#5

2-Fluorophenol

Concen: 123.389 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

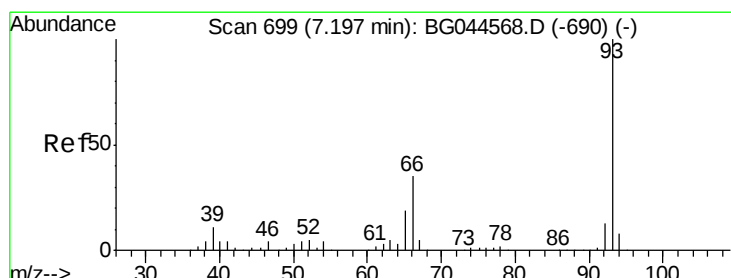
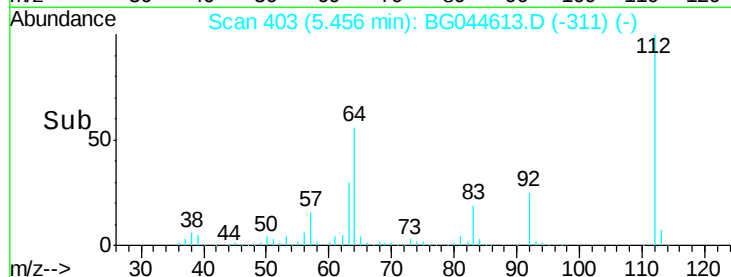
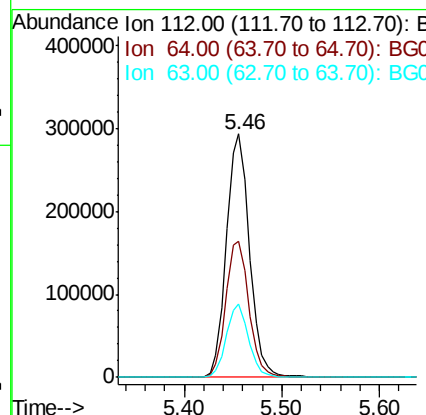
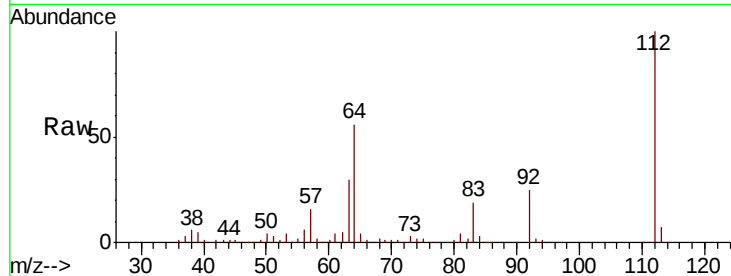
ClientSampleId :

OK-02-022420MSD

Tot Ion:	112	Resp:	482261
Ion Ratio	Lower	Upper	
112	100		
64	56.0	44.8	67.2
63	29.9	22.3	33.5

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#6

Aniline

Concen: 23.005 ng

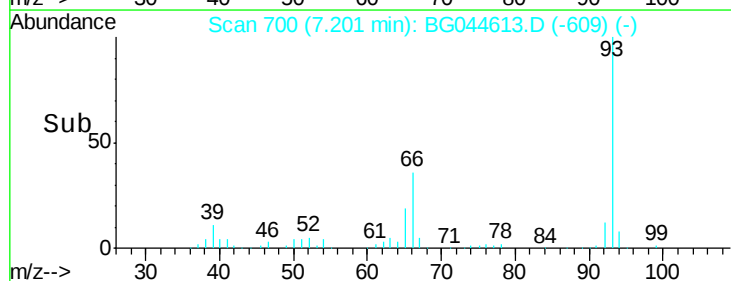
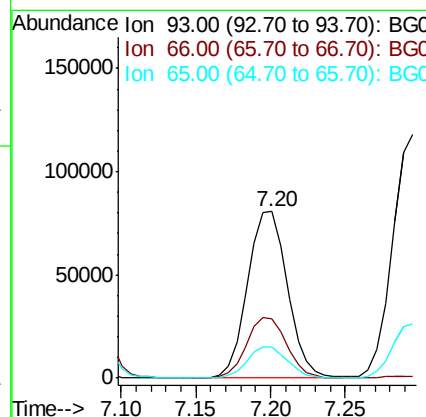
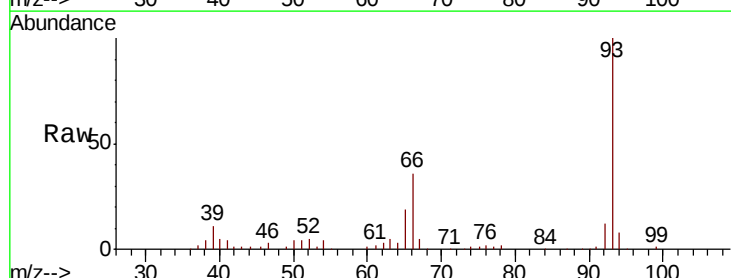
RT: 7.20 min Scan# 700

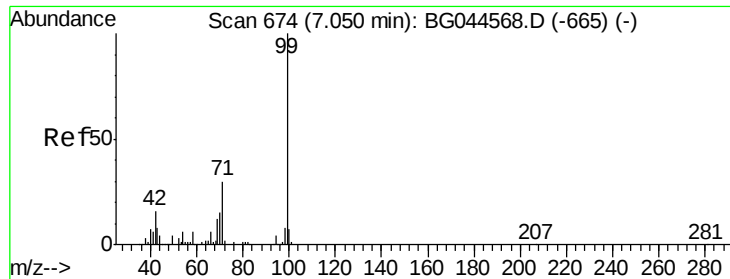
Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	93	Resp:	149848
Ion Ratio	Lower	Upper	
93	100		
66	35.8	27.8	41.8
65	18.8	14.9	22.3





#7

Phenol-d6

Concen: 110.422 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

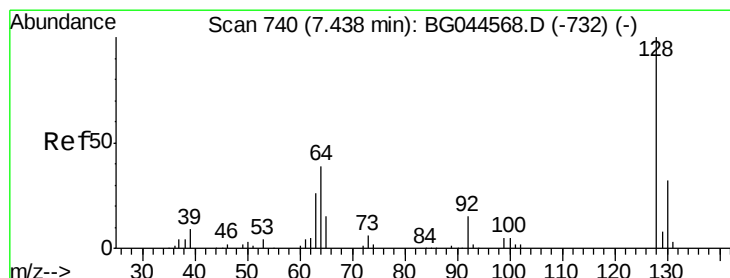
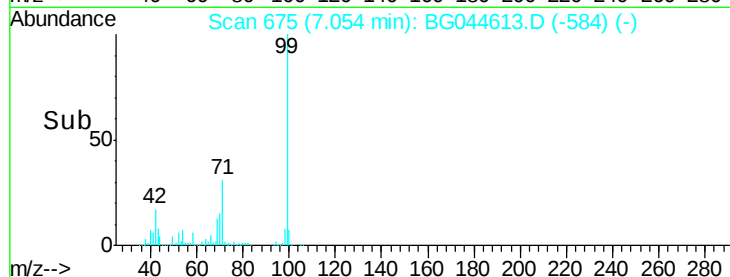
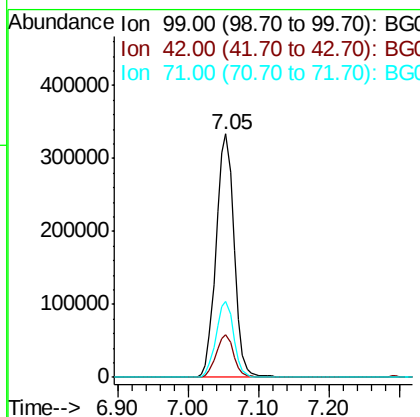
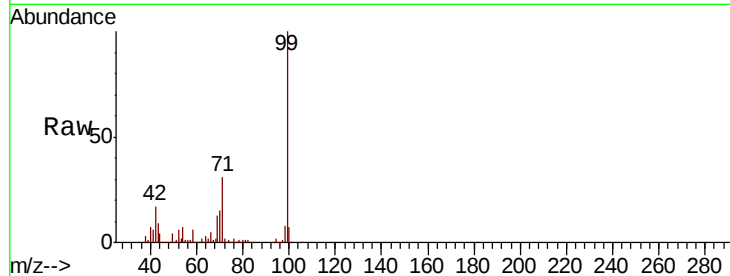
ClientSampleId :

OK-02-022420MSD

Tot Ion:	99	Resp:	590752
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.8	19.2
71	31.3	24.4	36.6

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#8

2-Chlorophenol

Concen: 47.321 ng

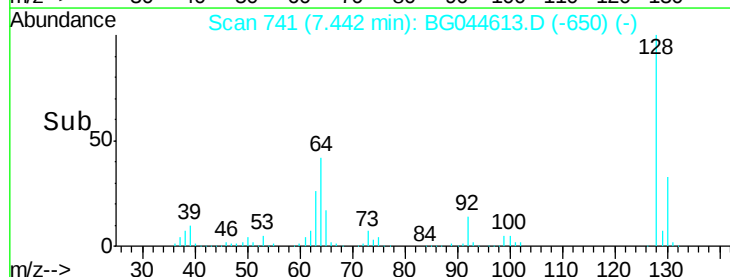
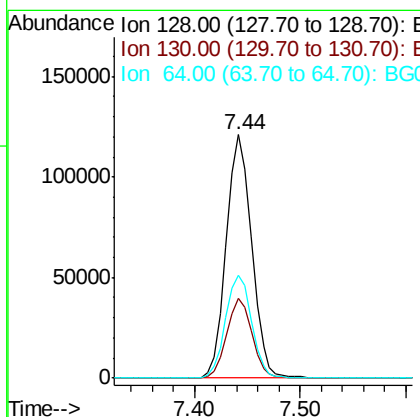
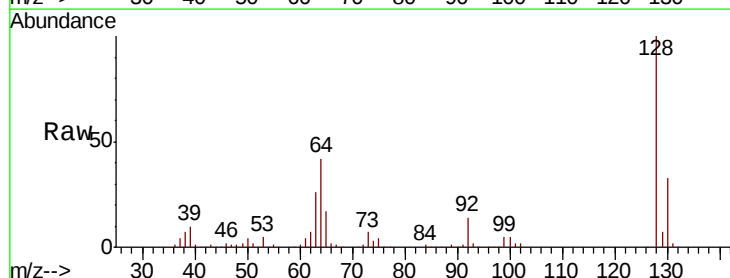
RT: 7.44 min Scan# 741

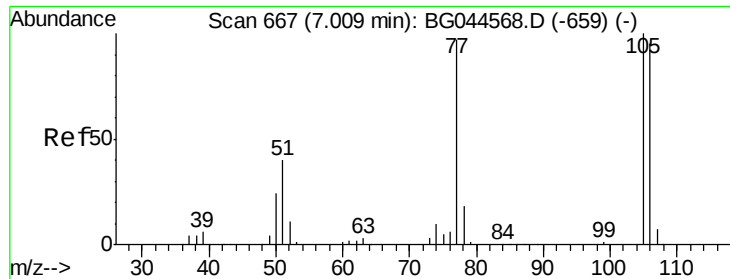
Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	128	Resp:	201895
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.3	52.3
64	42.5	22.5	62.5





#9

Benzaldehyde

Concen: 23.150 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

OK-02-022420MSD

Tot Ion: 77 Resp: 72829

Ion Ratio Lower Upper

77 100

105 96.1 83.6 123.6

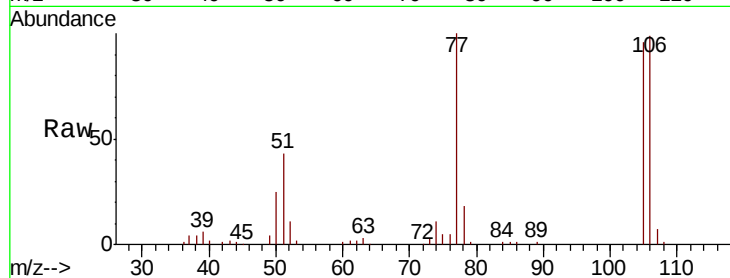
106 99.4 78.2 118.2

Manual Integrations

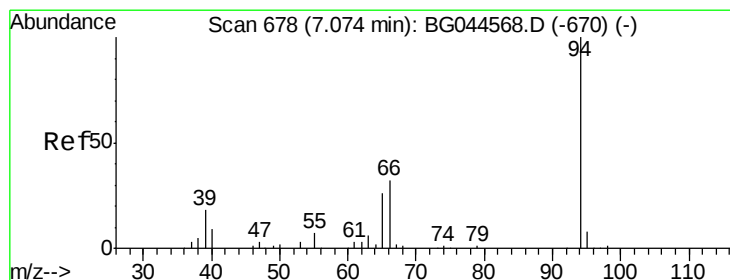
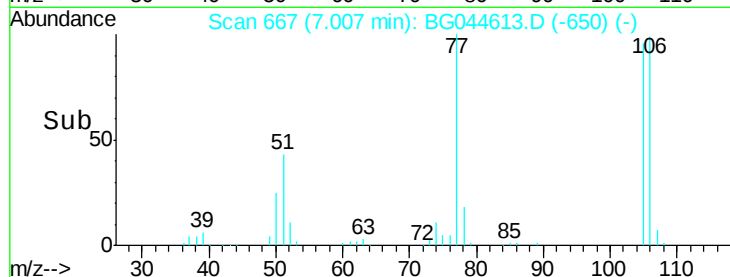
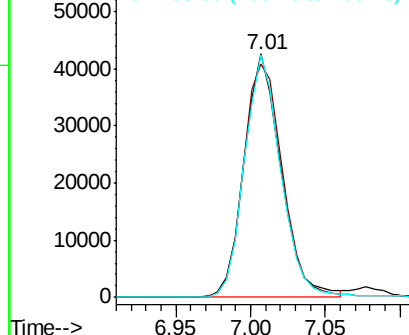
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.957 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

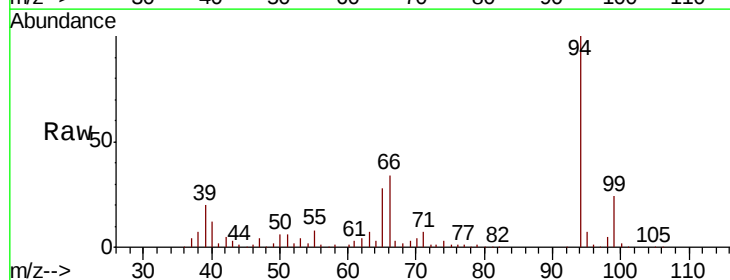
Tgt Ion: 94 Resp: 212342

Ion Ratio Lower Upper

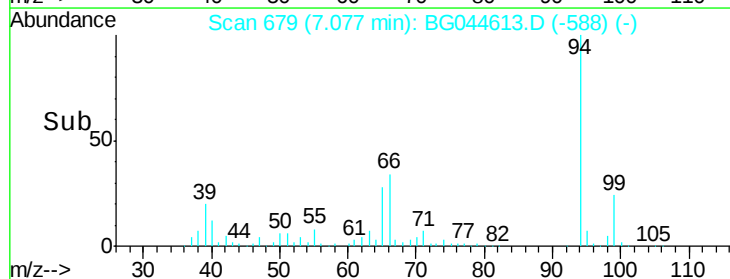
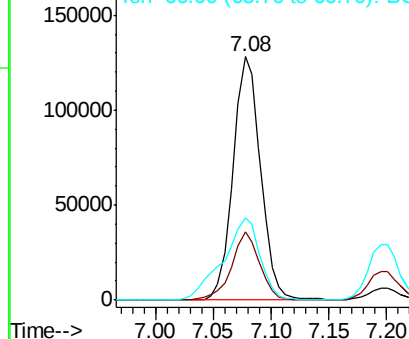
94 100

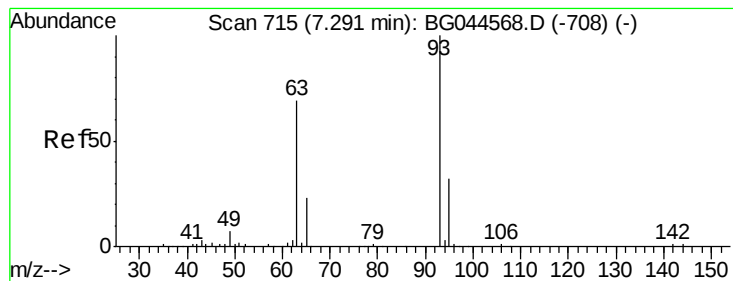
65 28.0 6.4 46.4

66 33.8 13.9 53.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





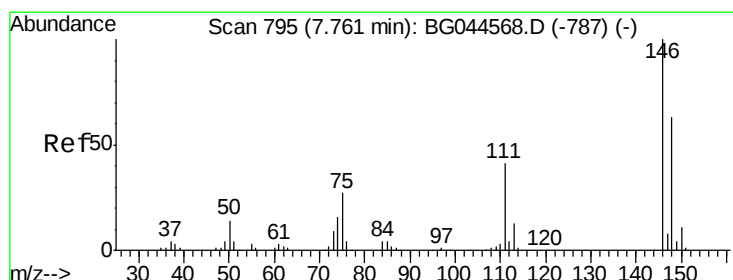
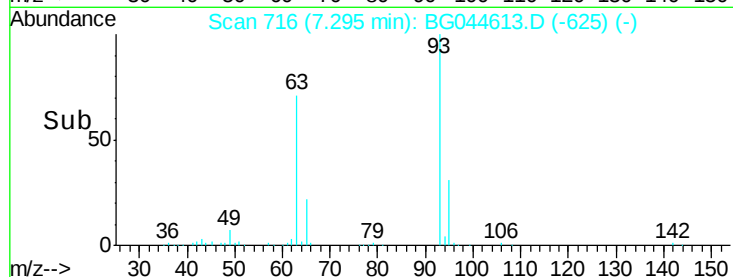
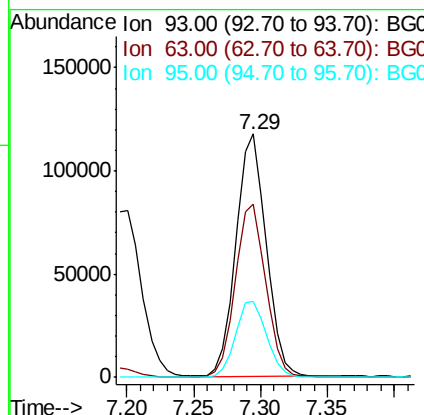
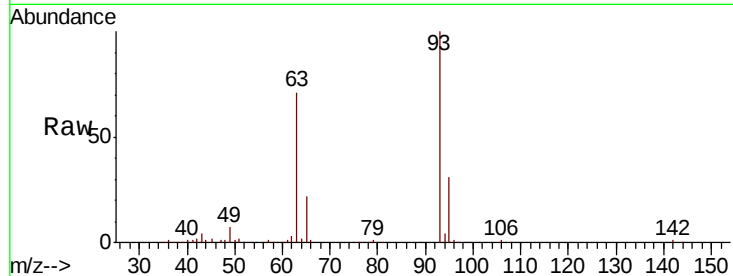
#11
bis(2-Chloroethyl)ether
Concen: 42.468 ng
RT: 7.29 min Scan# 716
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	48.9	88.9
95	31.2	11.3	51.3

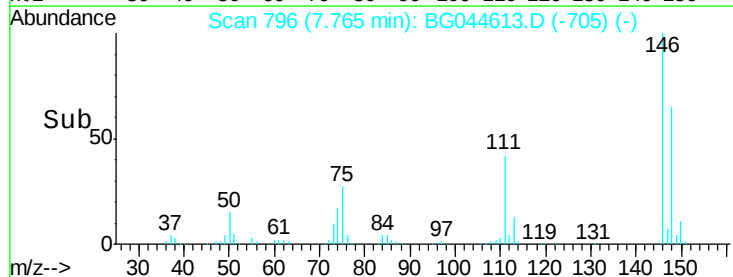
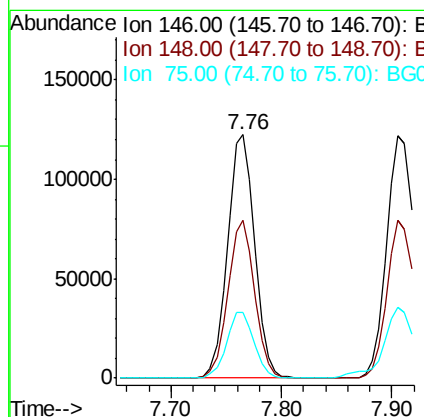
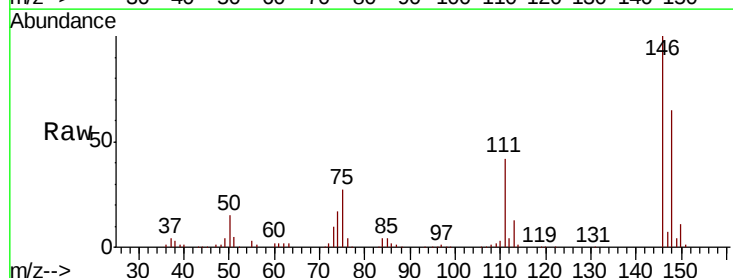
Manual Integrations
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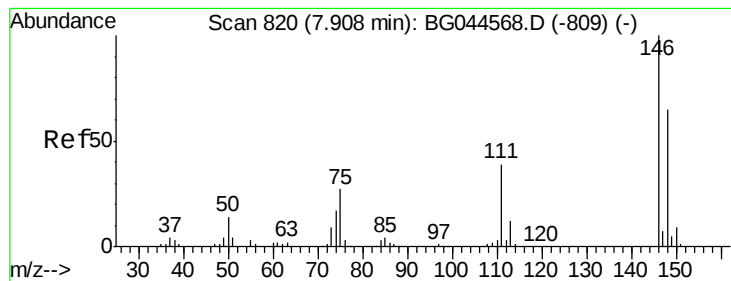
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.336 ng
RT: 7.76 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
75	27.0	21.4	32.0





#13

1,4-Dichlorobenzene

Concen: 40.922 ng

RT: 7.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

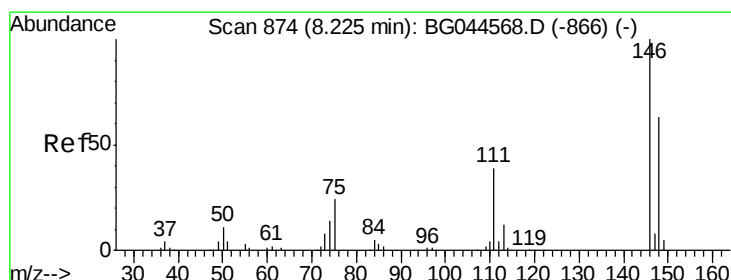
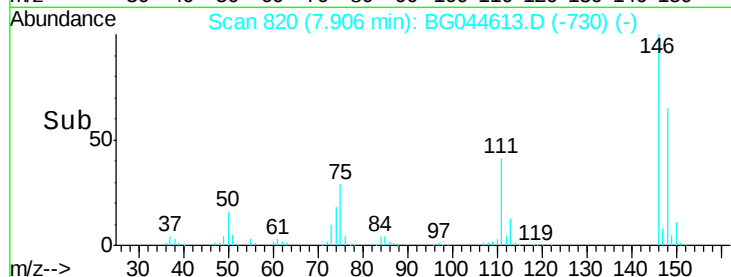
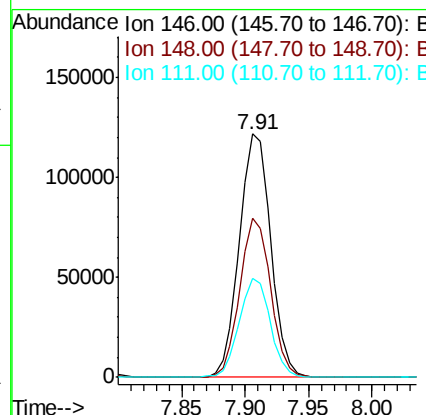
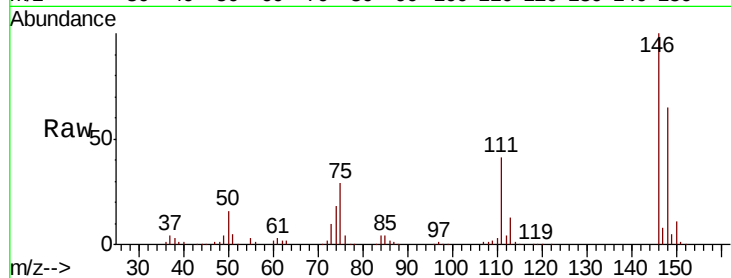
ClientSampleId :

OK-02-022420MSD

Tot Ion:	146	Resp:	209280
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.9	77.9
111	40.7	30.8	46.2

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#14

1,2-Dichlorobenzene

Concen: 41.342 ng

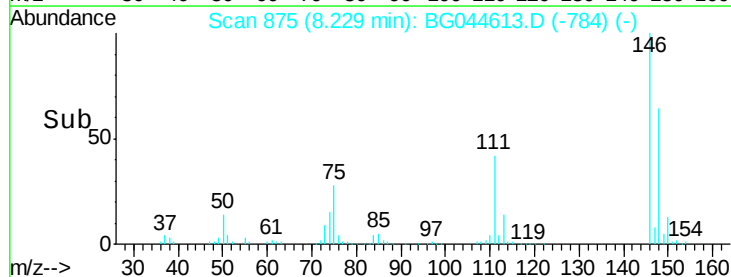
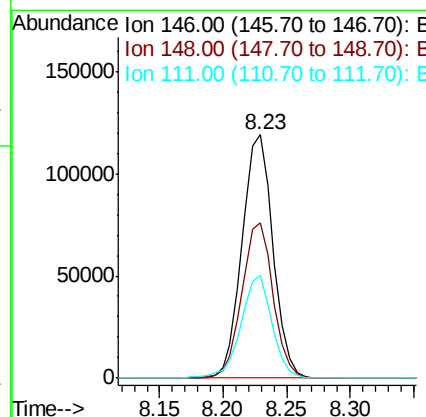
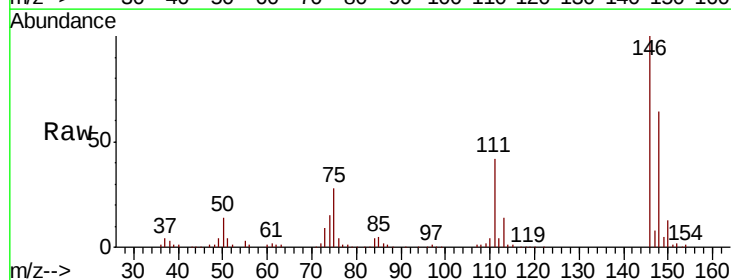
RT: 8.23 min Scan# 875

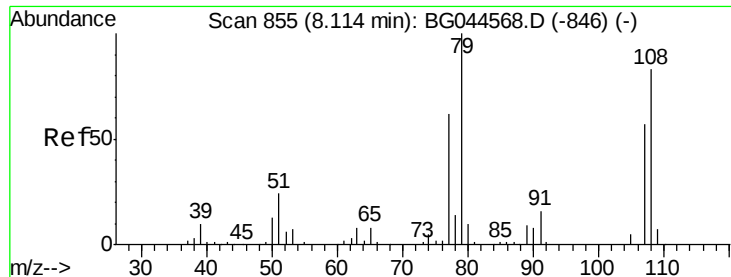
Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	146	Resp:	201067
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.7	76.1
111	42.3	31.8	47.6





#15

Benzyl Alcohol

Concen: 46.052 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

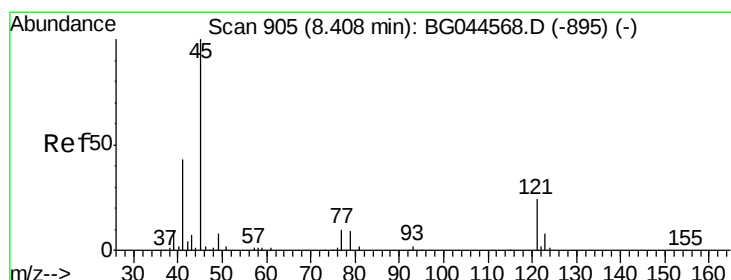
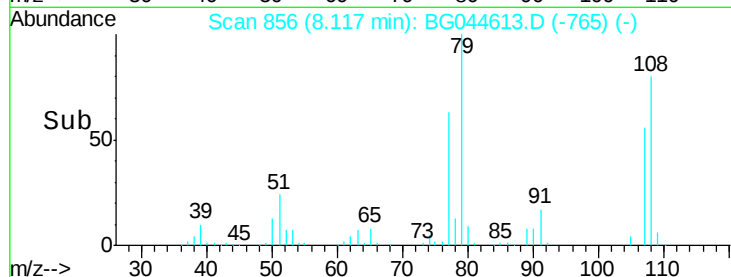
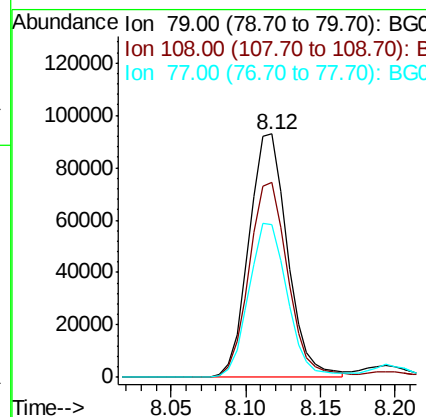
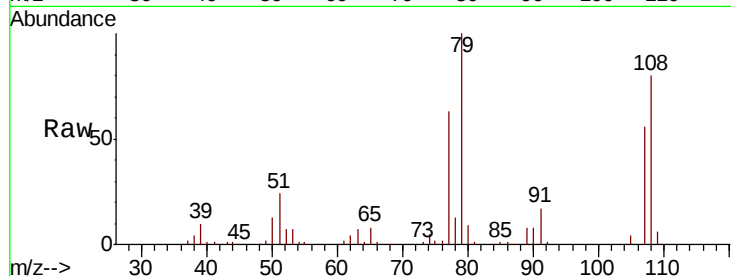
ClientSampleId :

OK-02-022420MSD

Tot Ion	79	Resp	166160
Ion Ratio	Lower	Upper	
79	100		
108	80.3	66.0	99.0
77	62.6	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.053 ng

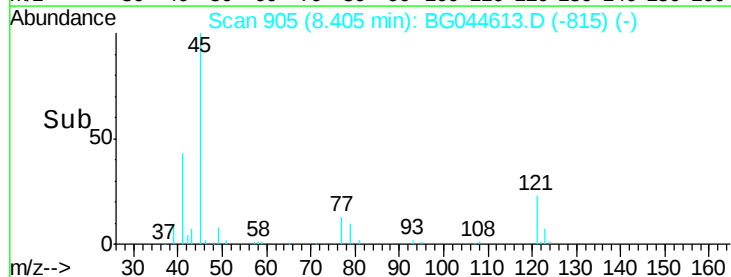
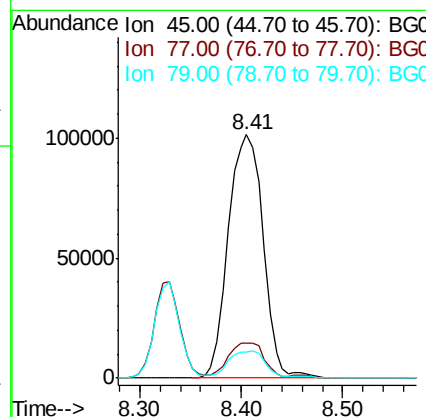
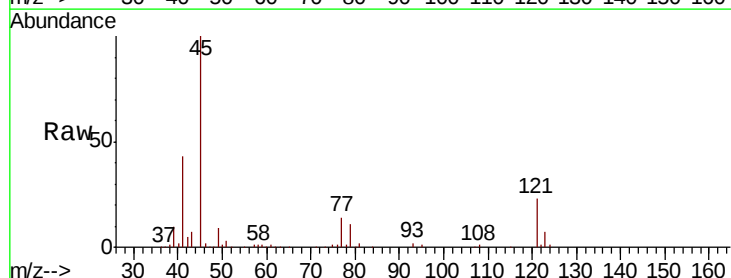
RT: 8.41 min Scan# 905

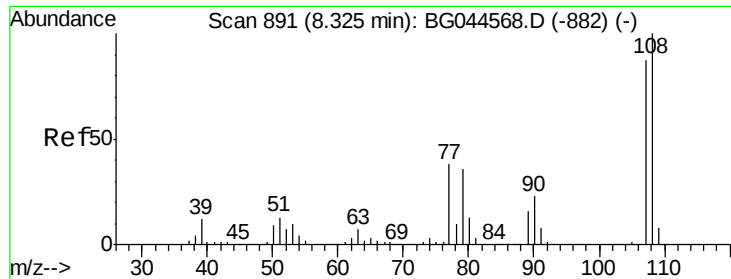
Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion	45	Resp	240470
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	34.4
79	10.6	0.0	32.3





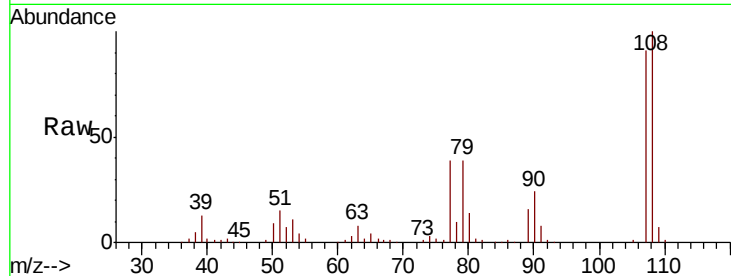
#17
2-Methylphenol
Concen: 44.017 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.7	137.5
77	42.5	35.1	52.7
79	42.3	33.2	49.8

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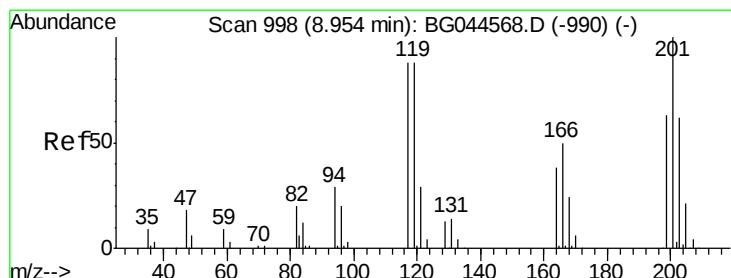
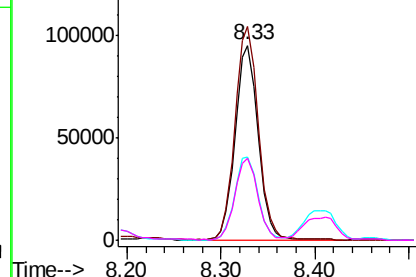
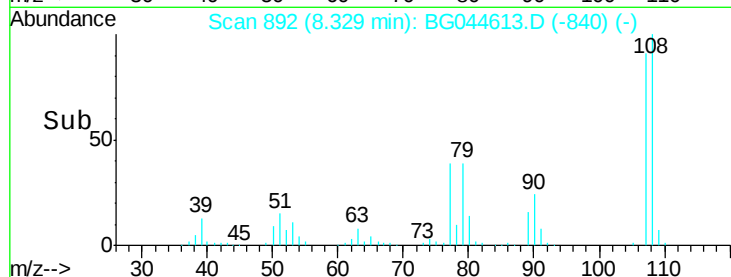
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

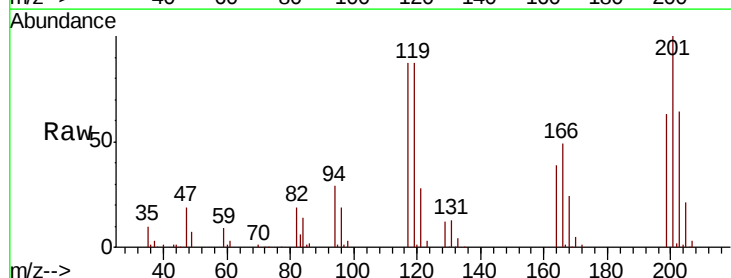
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.547 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	80.0	120.0
201	114.5	90.5	135.7

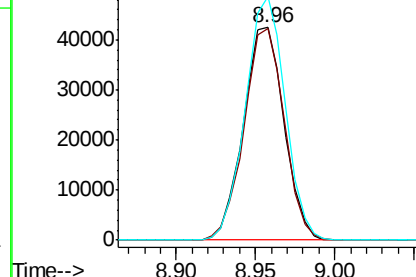
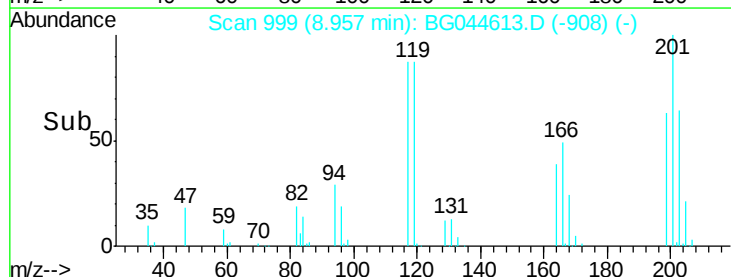


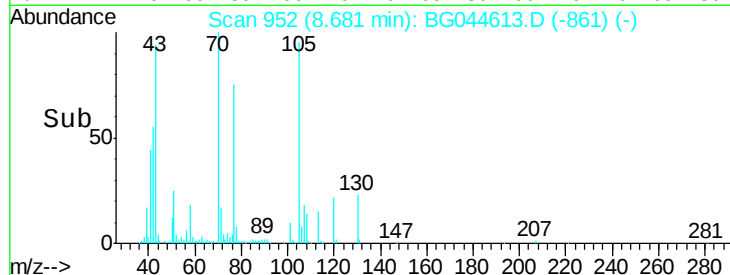
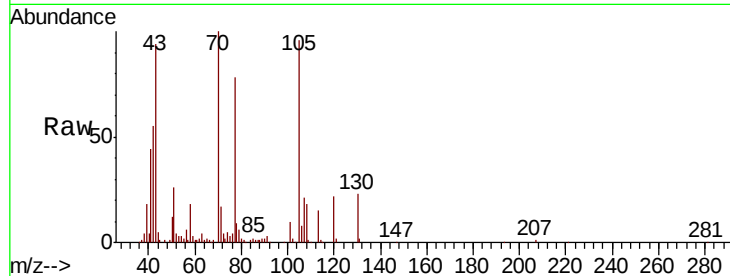
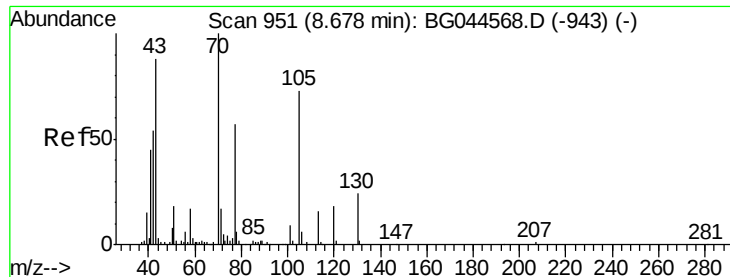
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





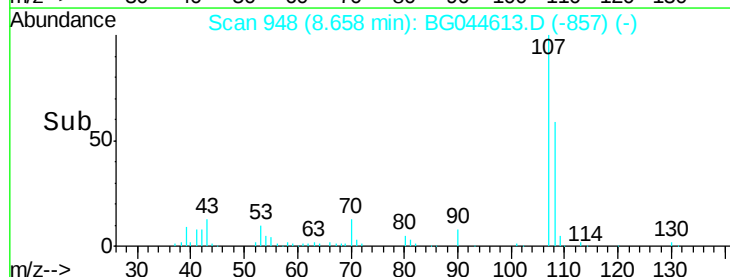
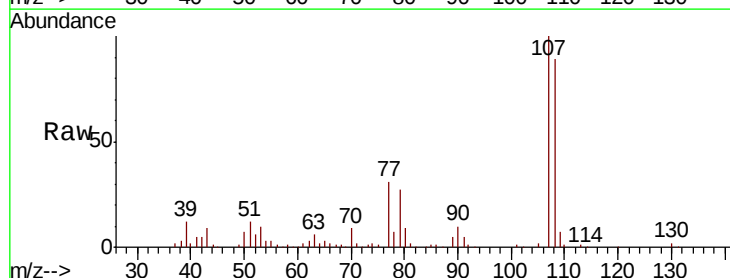
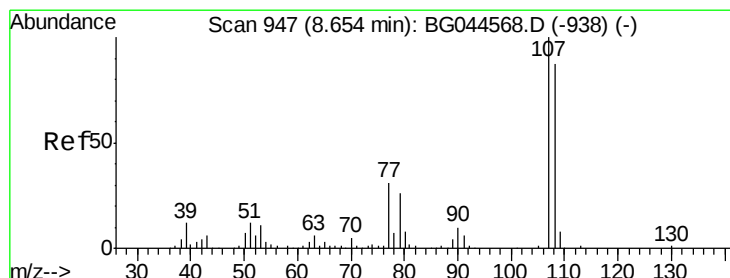
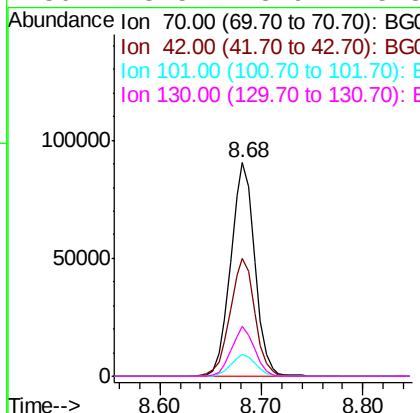
#19
n-Nitroso-di-n-propylamine
Concen: 43.055 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.2	43.4	65.0	
101	10.0	7.5	11.3	
130	23.5	18.9	28.3	

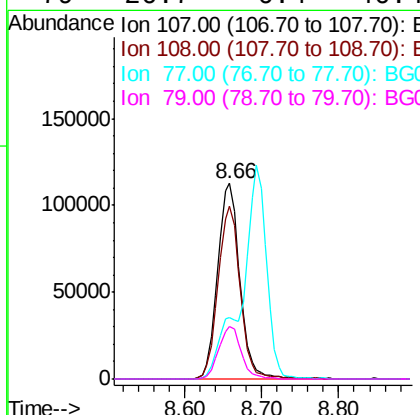
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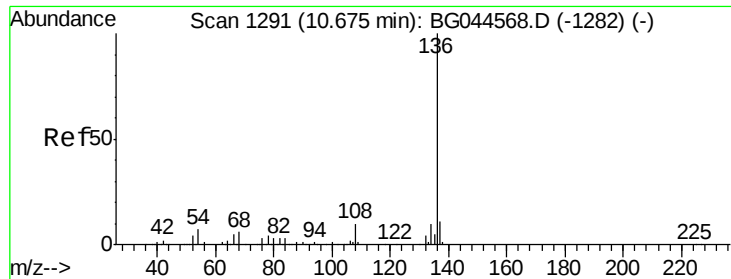
mohammad
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#20
3+4-Methylphenols
Concen: 44.347 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	67.5	107.5	
77	31.2	11.3	51.3	
79	26.7	6.4	46.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

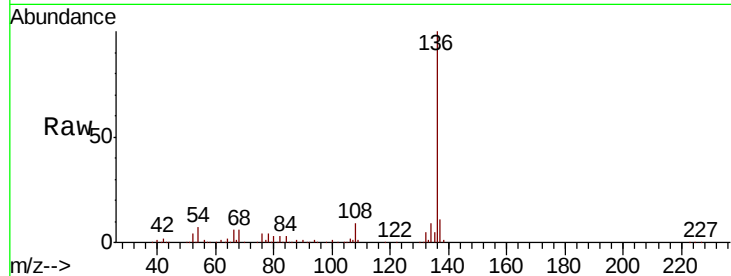
ClientSampleId :

OK-02-022420MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	258208		
137	11.2		8.8	13.2
54	7.4		5.7	8.5
68	5.8		4.5	6.7

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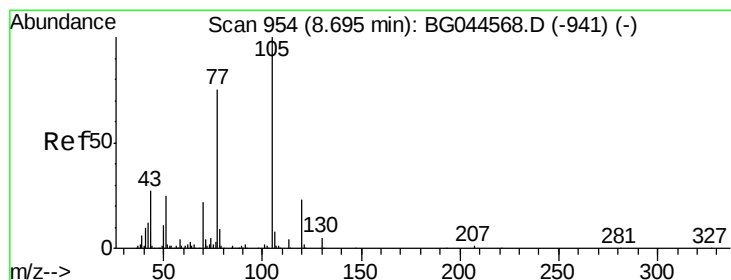
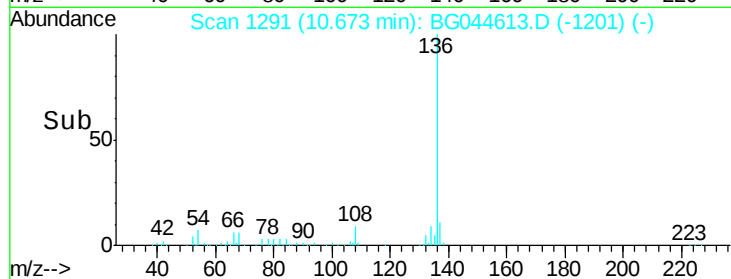
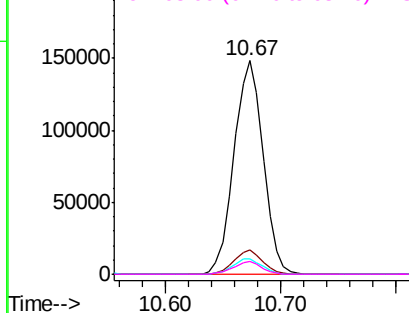


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.170 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

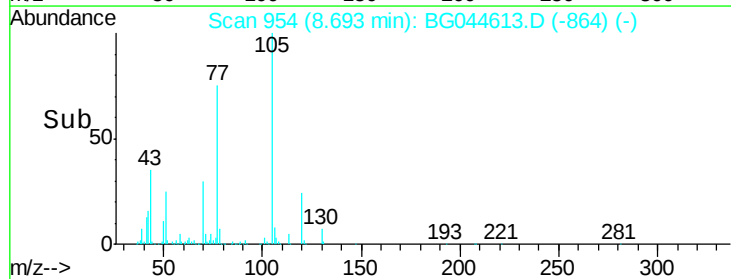
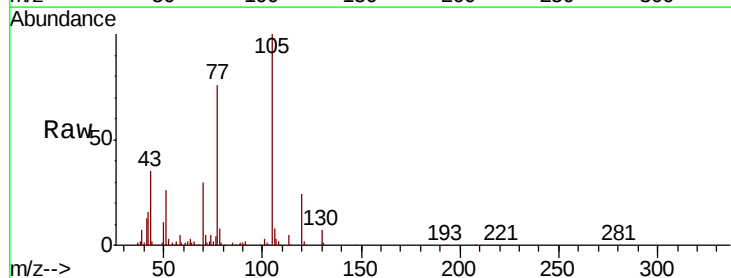
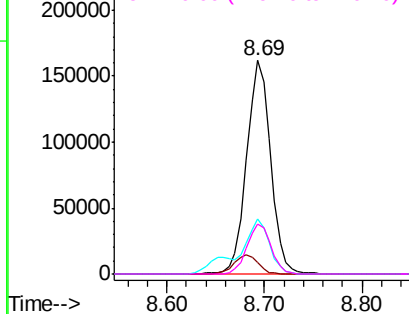
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279858		
71	5.3		2.8	4.2#
51	25.7		19.9	29.9
120	23.5		18.6	28.0

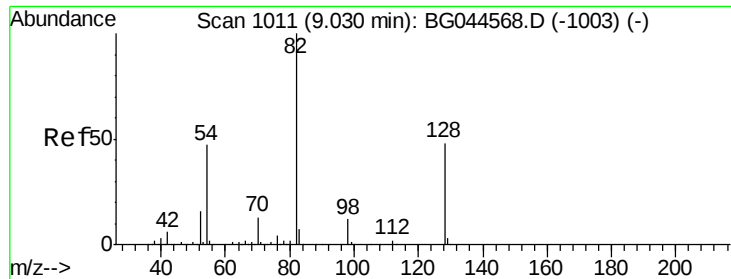
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





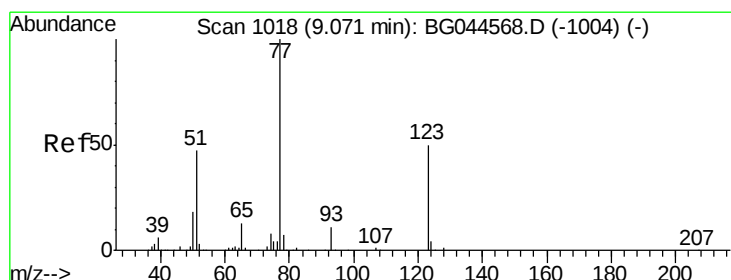
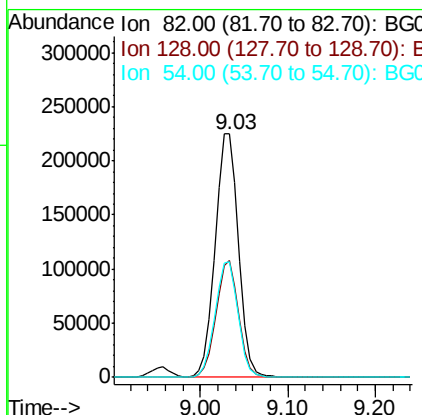
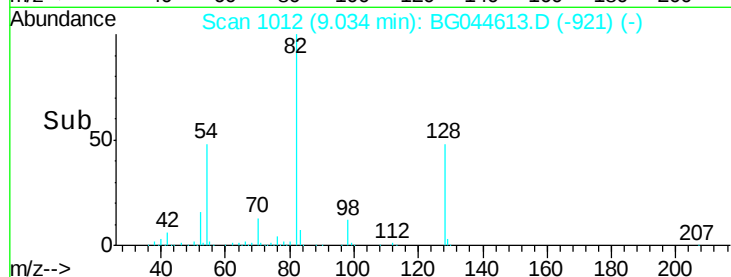
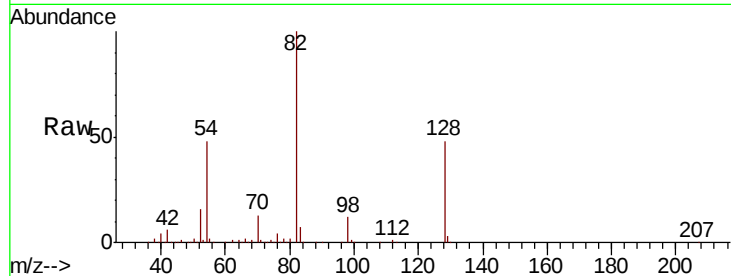
#23
Nitrobenzene-d5
Concen: 82.752 ng
RT: 9.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.1	57.1
54	47.6	37.5	56.3

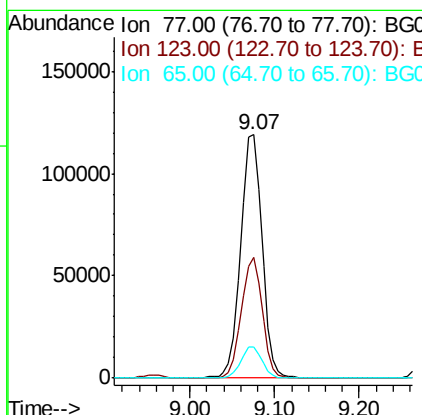
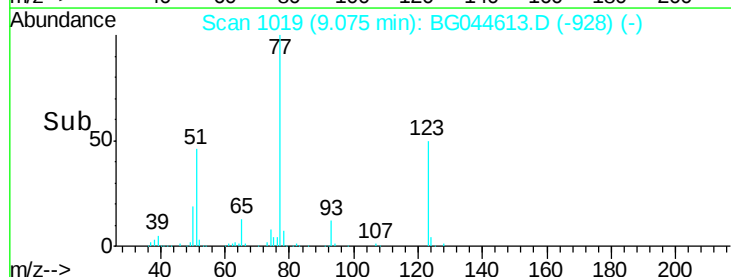
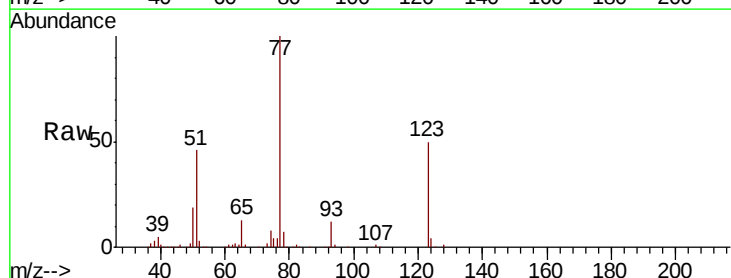
Manual Integrations
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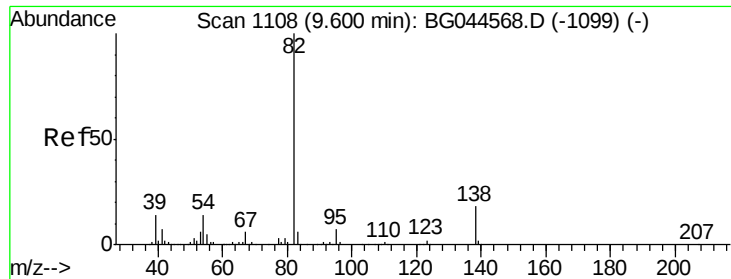
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#24
Nitrobenzene
Concen: 43.087 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	40.1	60.1
65	12.7	10.4	15.6





#25

Isophorone

Concen: 43.935 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

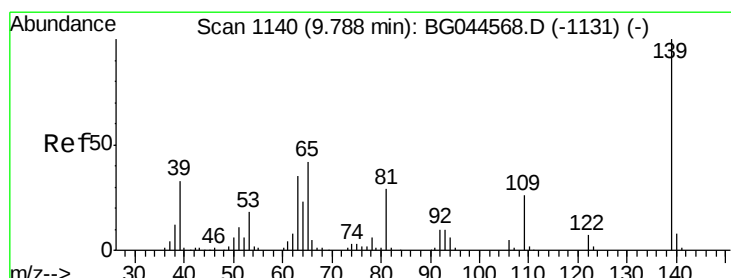
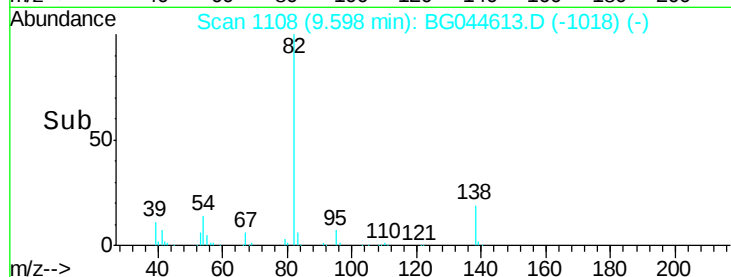
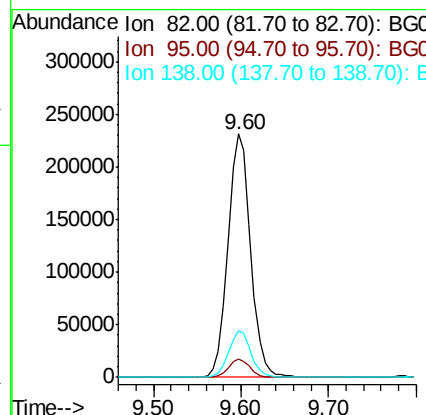
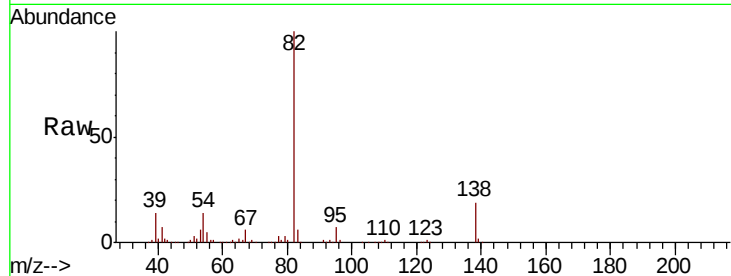
ClientSampleId :

OK-02-022420MSD

Tot Ion:	82	Resp:	411933
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.6	8.4
138	19.2	14.7	22.1

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#26

2-Nitrophenol

Concen: 44.003 ng

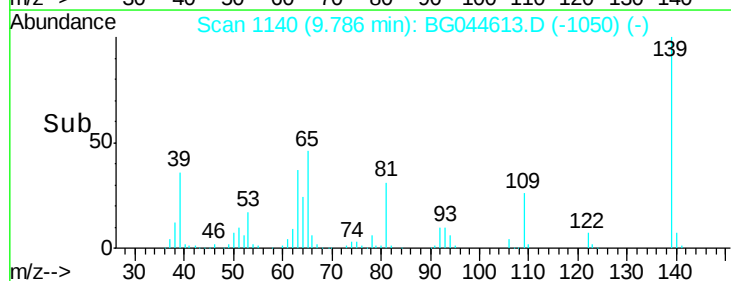
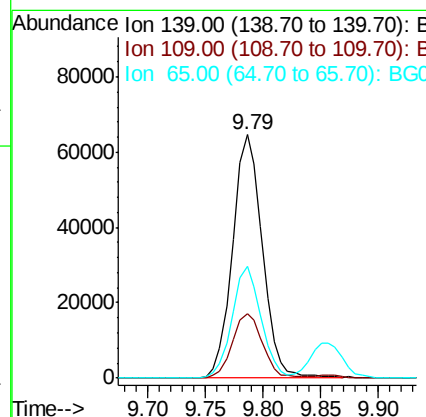
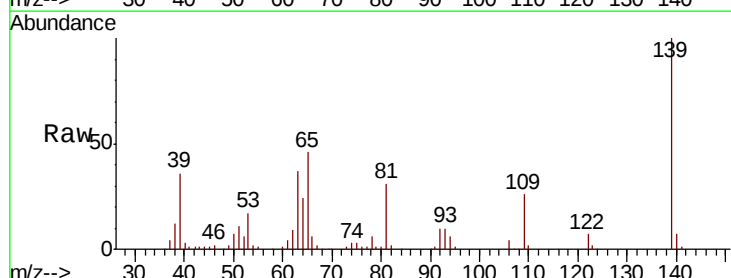
RT: 9.79 min Scan# 1140

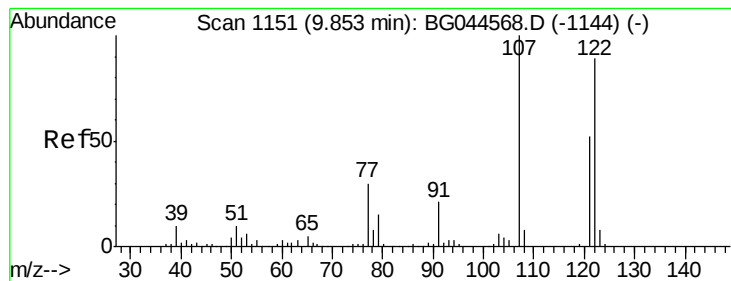
Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	139	Resp:	115875
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.6	31.0
65	45.9	33.3	49.9





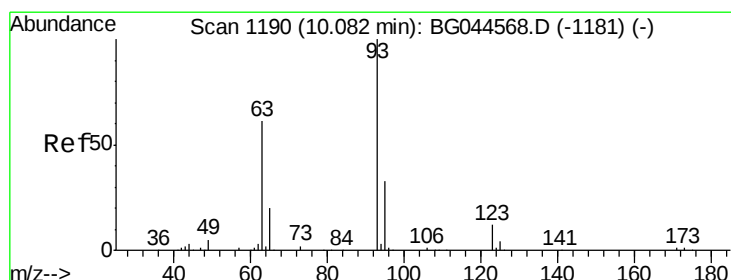
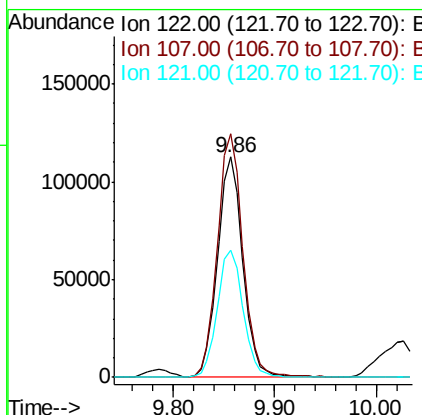
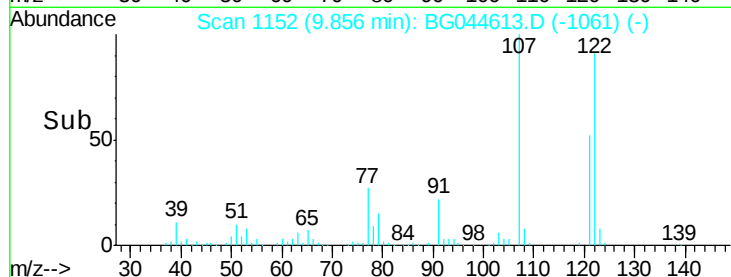
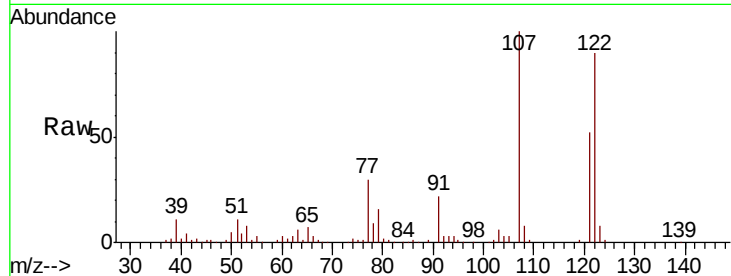
#27
 2,4-Dimethylphenol
 Concen: 52.471 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		194010		
107	110.6	89.4	134.0		
121	57.6	46.5	69.7		

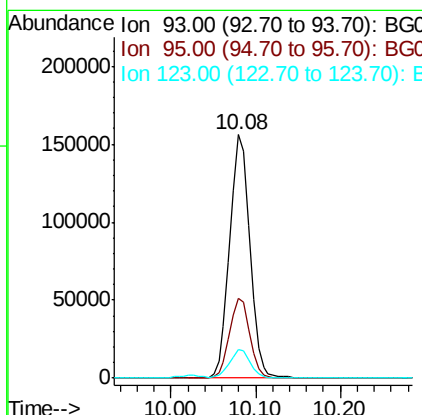
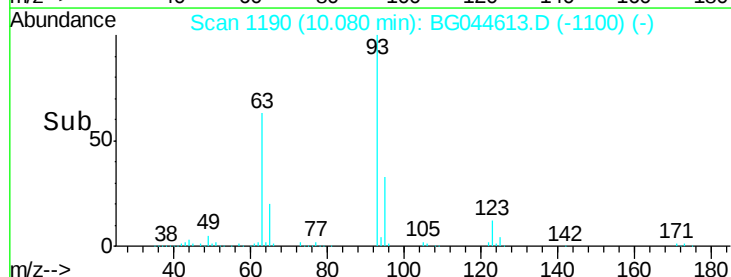
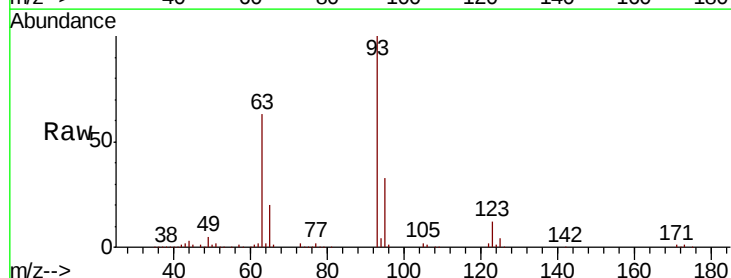
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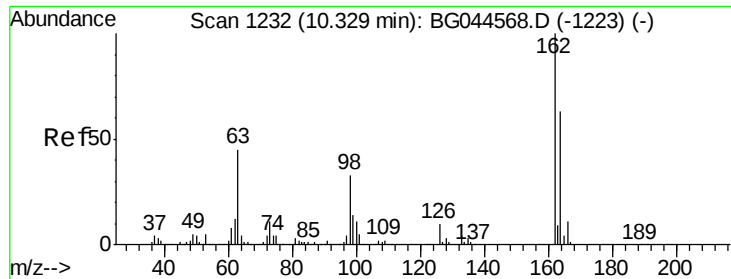
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.443 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		256960		
95	32.7	26.5	39.7		
123	11.6	9.7	14.5		





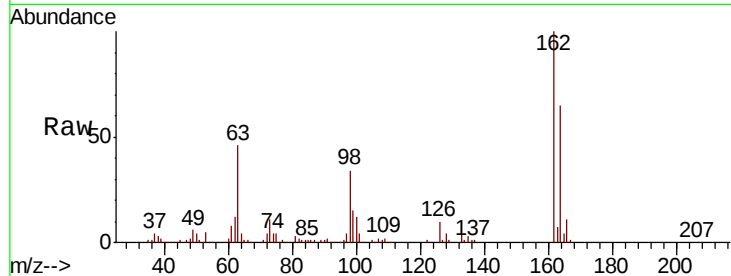
#29
2,4-Dichlorophenol
Concen: 45.954 ng
RT: 10.33 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	203140		
164	65.4	43.2	83.2	
98	34.0	13.2	53.2	

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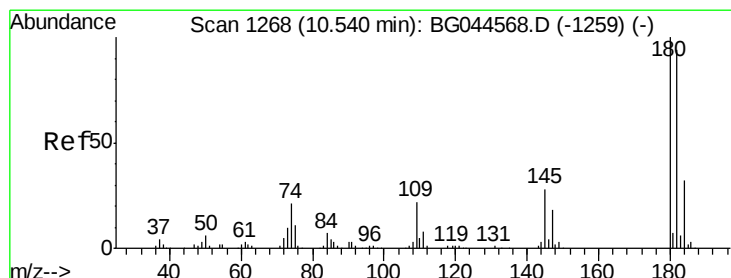
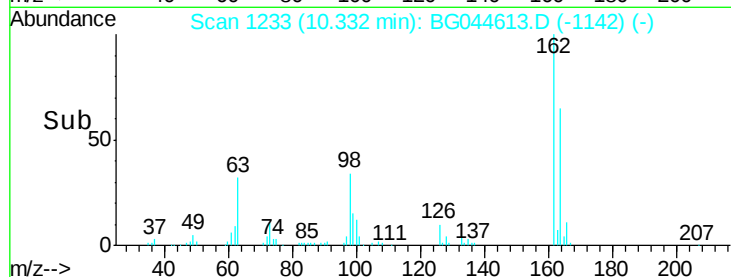
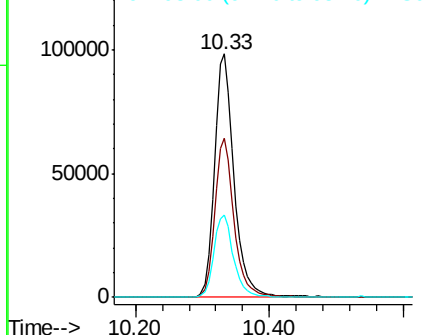


Abundance

Ion 162.00 (161.70 to 162.70): E

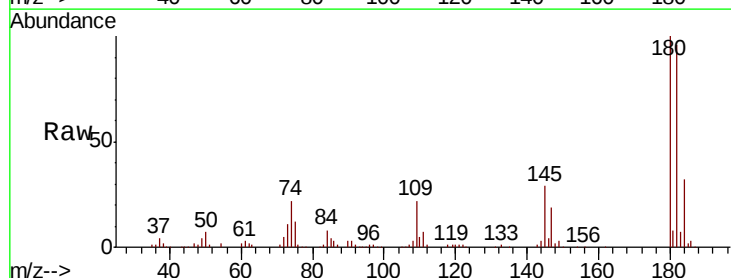
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.079 ng
RT: 10.54 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204895		
182	95.9	75.6	113.4	
145	28.8	22.2	33.2	

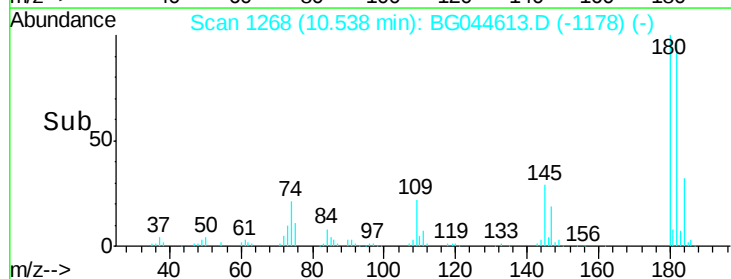
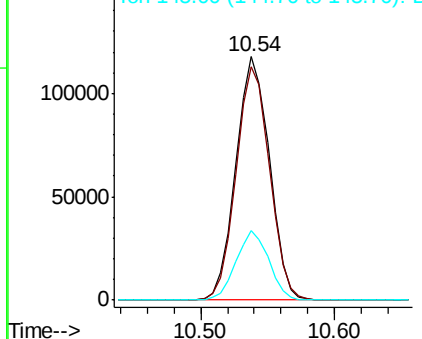


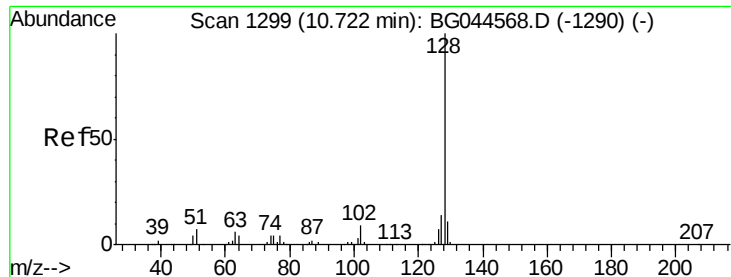
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





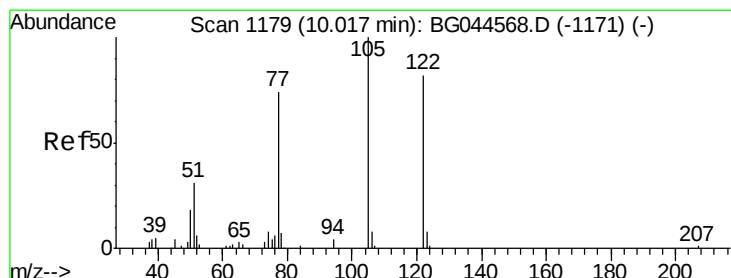
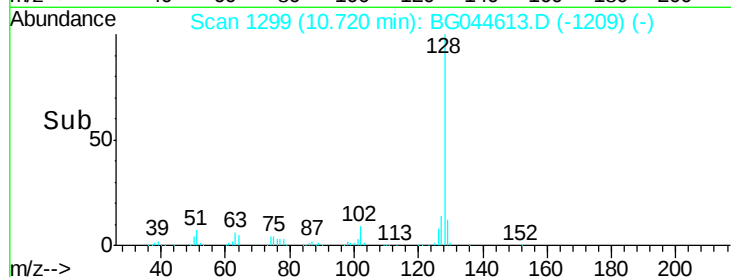
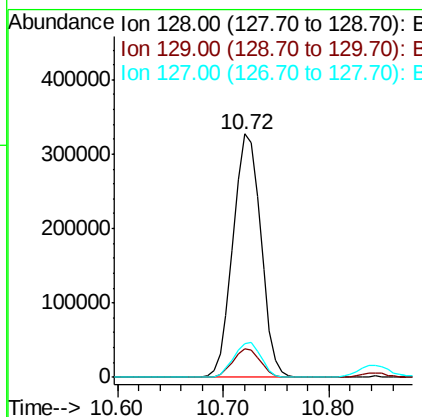
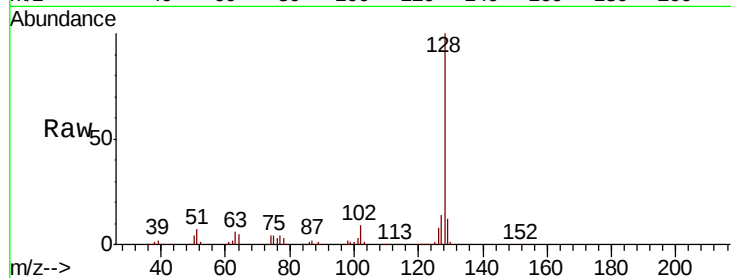
#31
Naphthalene
Concen: 42.394 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.0	11.0	16.4

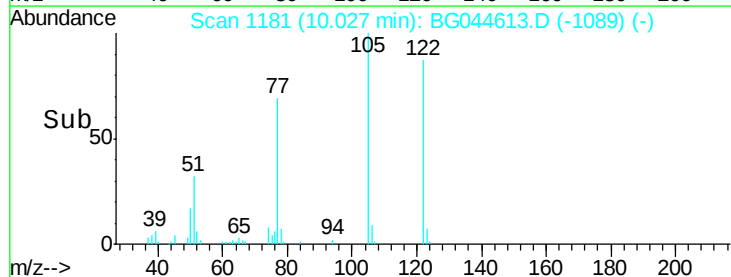
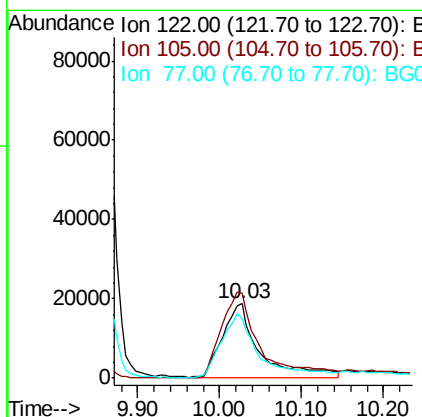
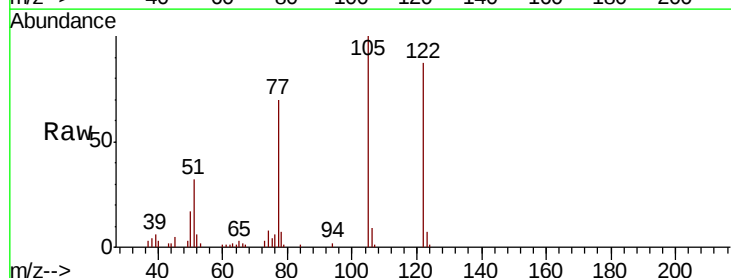
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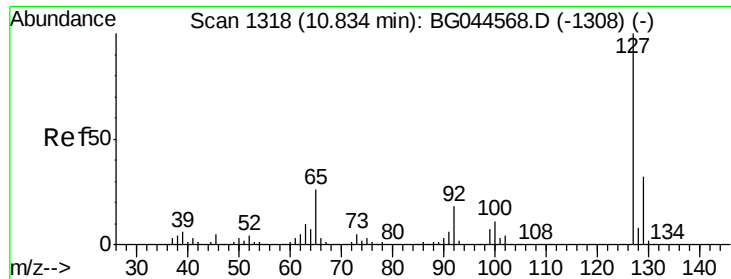
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#32
Benzoic acid
Concen: 45.098 ng
RT: 10.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	101.4	141.4
77	80.3	69.8	109.8





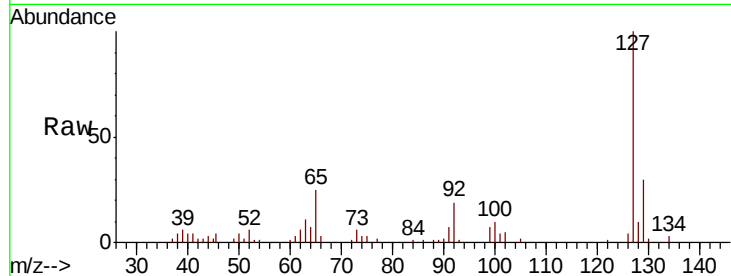
#33
4-Chloroaniline
Concen: 6.060 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

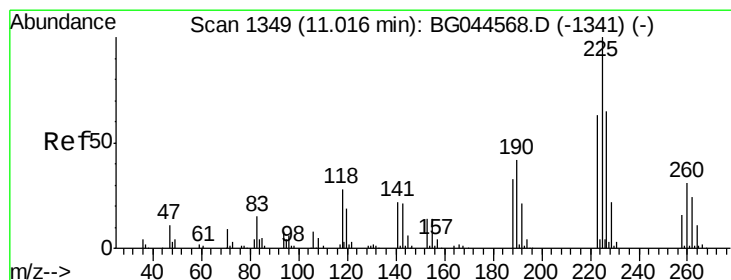
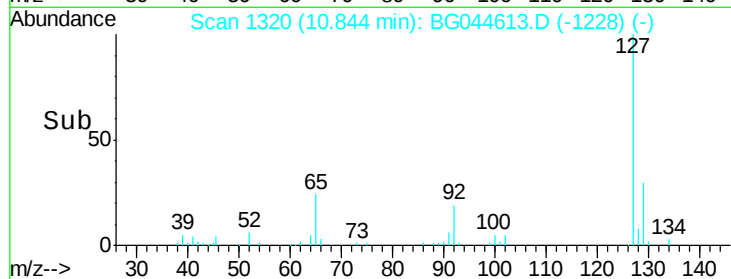
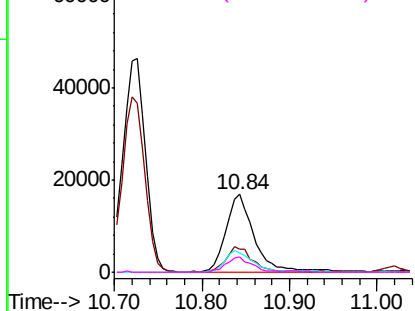
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		37607		
129	30.3	25.9	38.9		
65	25.2	20.7	31.1		
92	19.1	14.2	21.2		

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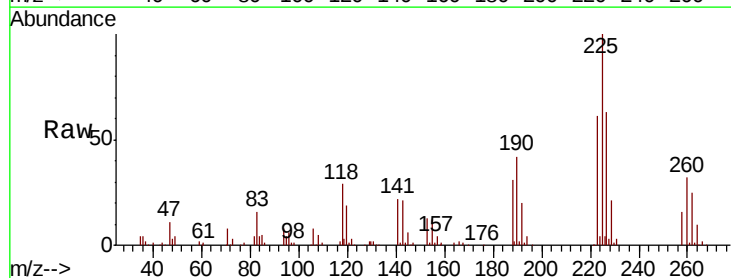


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

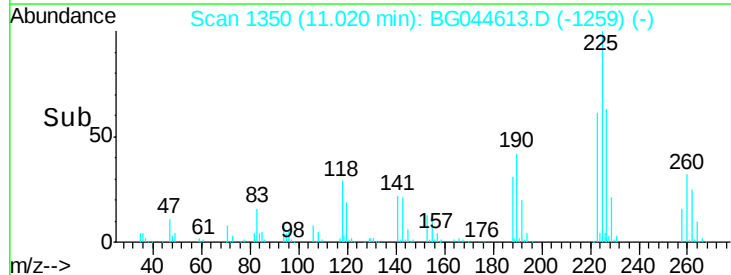
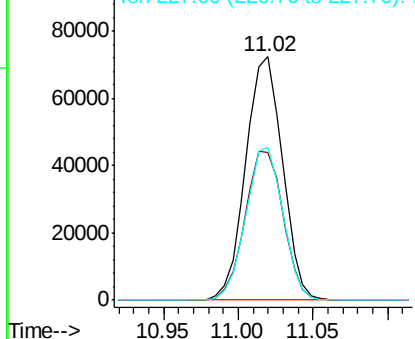


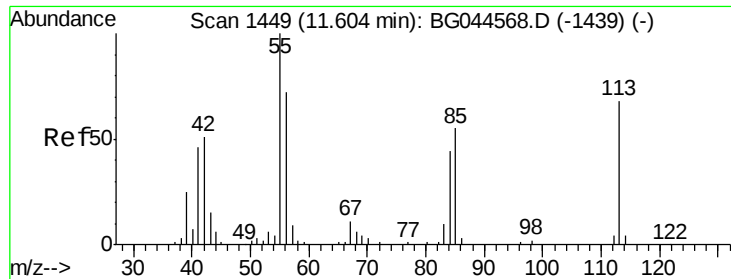
#34
Hexachlorobutadiene
Concen: 38.409 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		123315		
223	60.6	50.6	76.0		
227	62.8	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





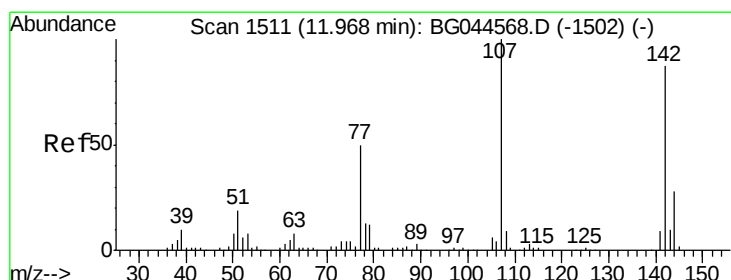
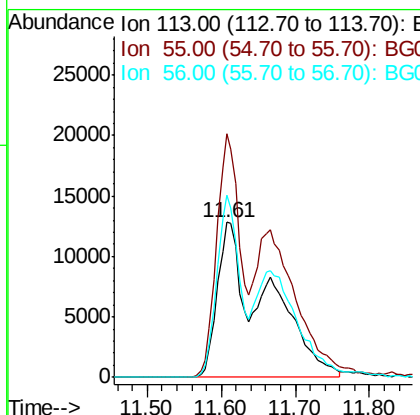
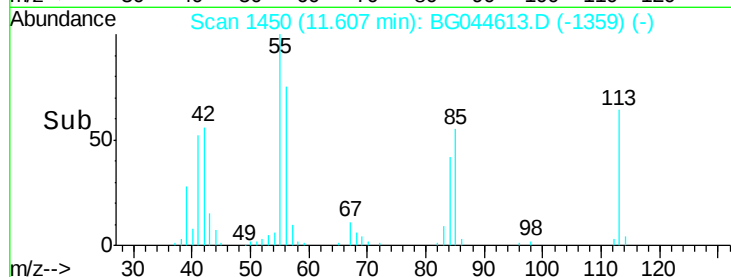
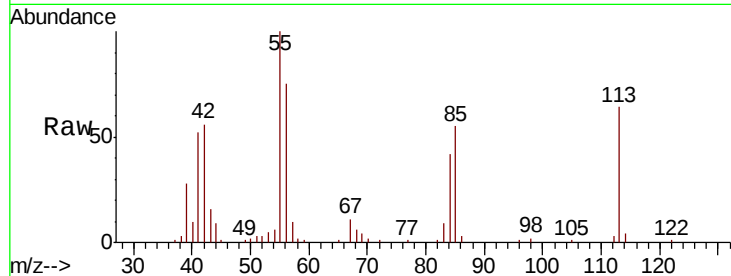
#35
 Caprolactam
 Concen: 36.936 ng/ml
 RT: 11.61 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	157.3	127.8	167.8	
56	117.5	86.9	126.9	

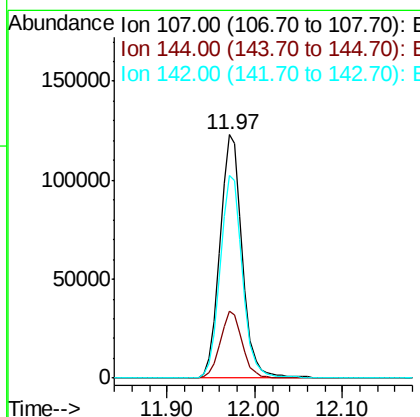
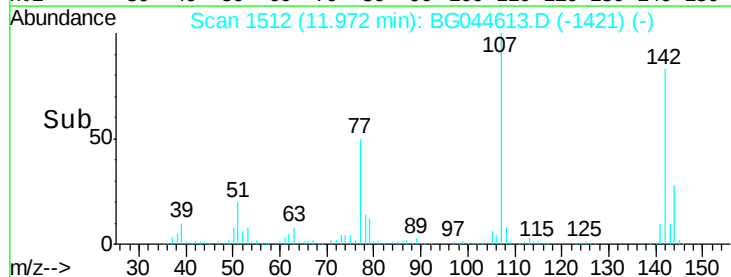
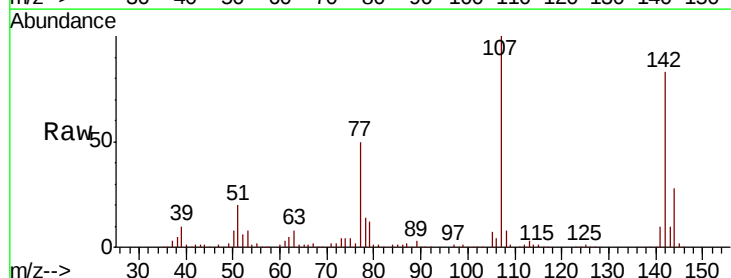
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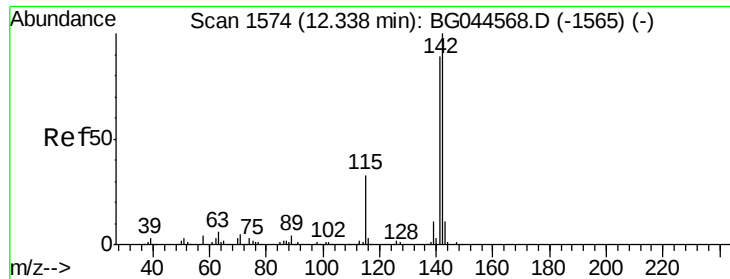
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#36
 4-Chloro-3-methylphenol
 Concen: 47.715 ng/ml
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.5	22.3	33.5	
142	83.3	69.3	103.9	





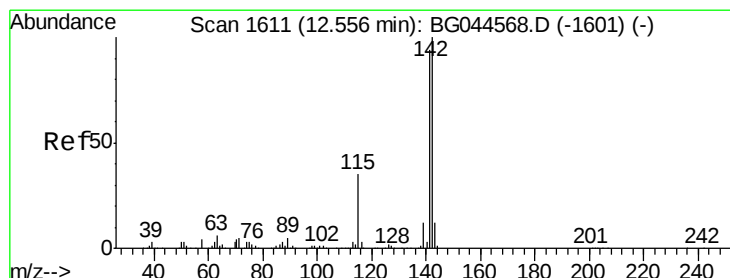
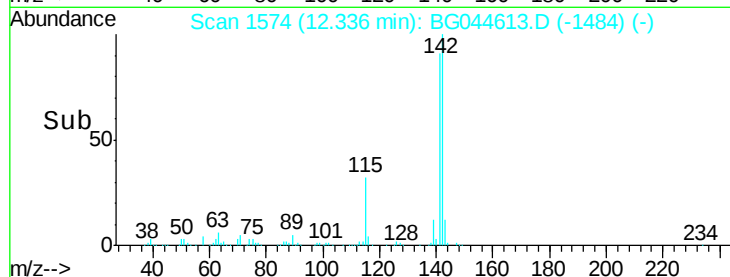
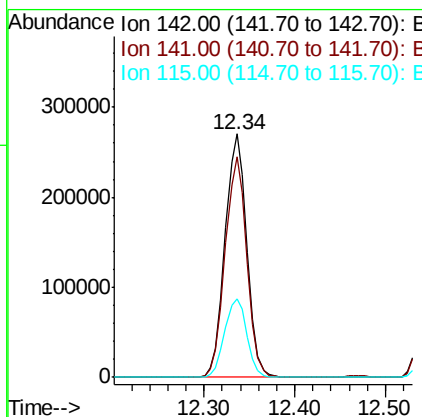
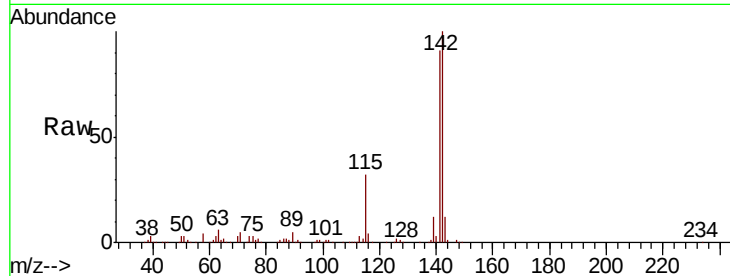
#37
2-Methylnaphthalene
Concen: 43.270 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	32.2	26.2	39.2

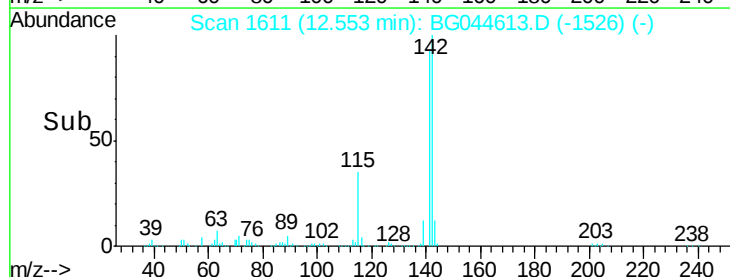
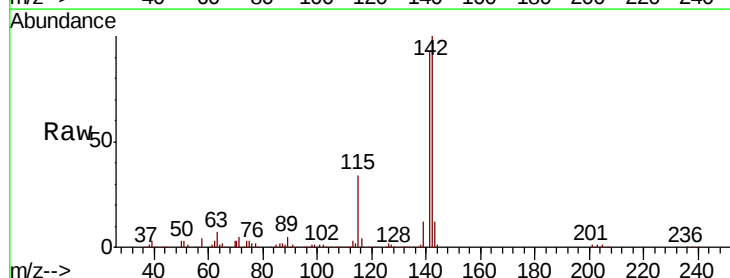
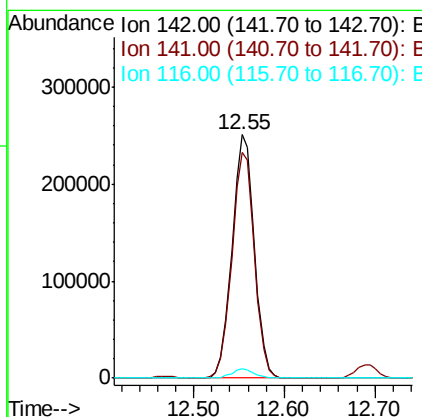
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#38
1-Methylnaphthalene
Concen: 43.136 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.1	112.7
116	3.7	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

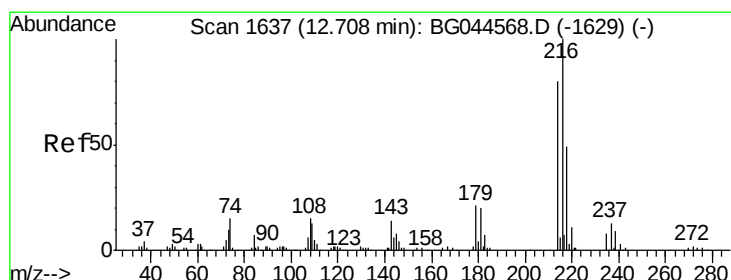
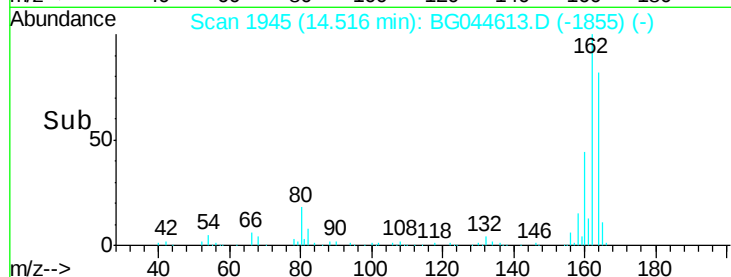
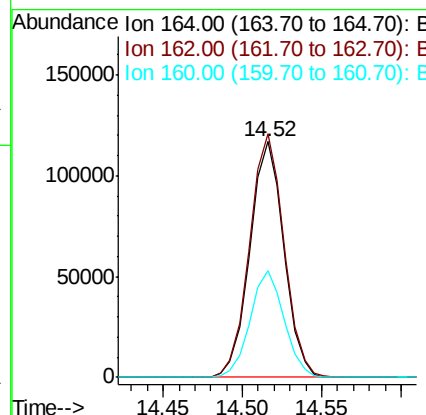
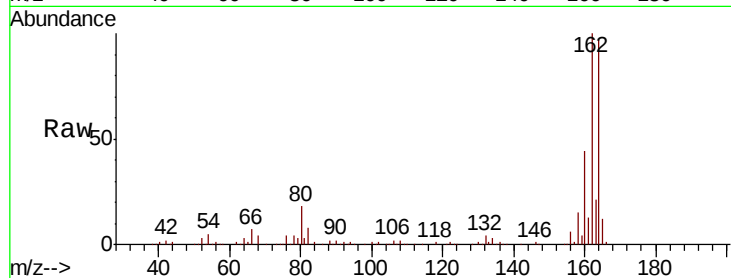
ClientSampleId :

OK-02-022420MSD

Tot Ion:	164	Resp:	174020
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.6	125.4
160	45.3	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.022 ng

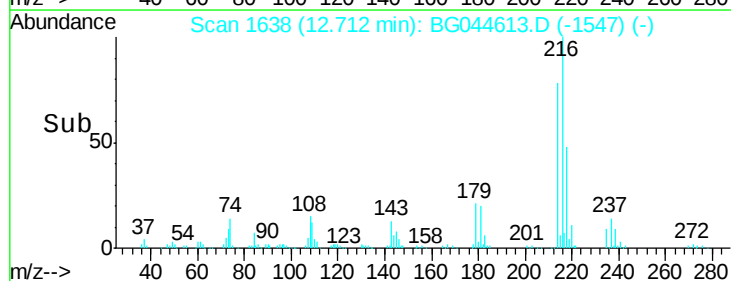
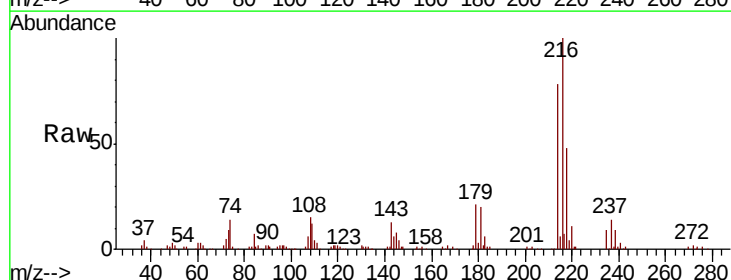
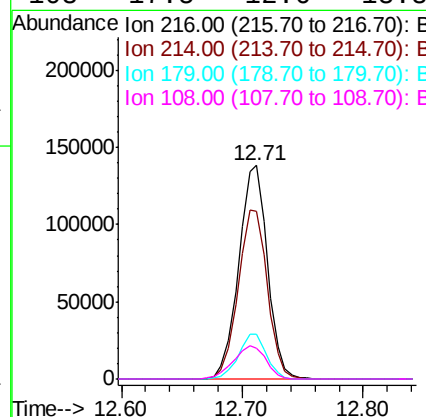
RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	216	Resp:	228609
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.3	94.9
179	20.6	16.2	24.2
108	17.5	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 71.829 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

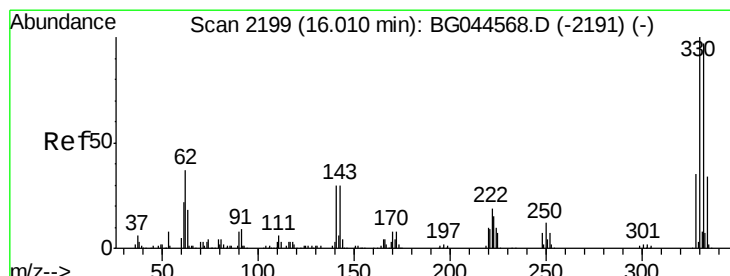
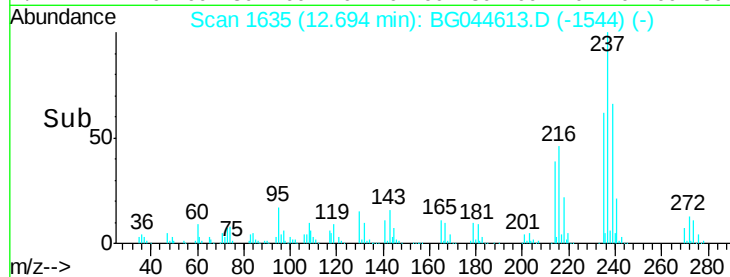
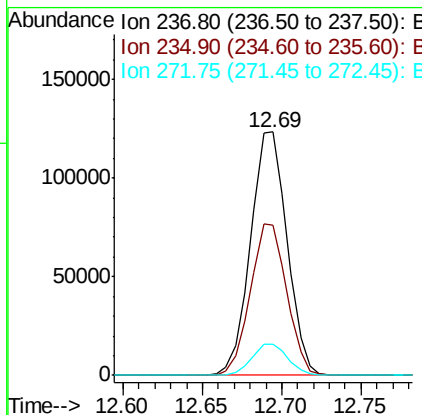
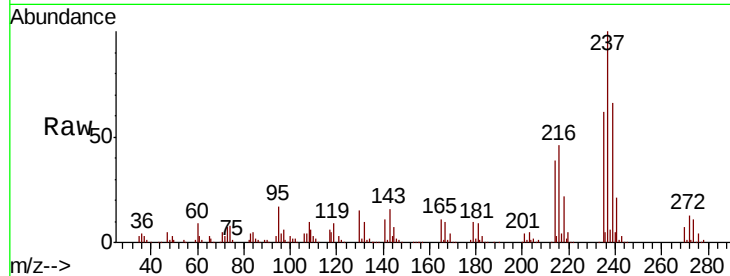
ClientSampleId :

OK-02-022420MSD

Tot Ion:	237	Resp:	197818
Ion Ratio	Lower	Upper	
237	100		
235	61.9	40.7	80.7
272	12.9	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 131.183 ng

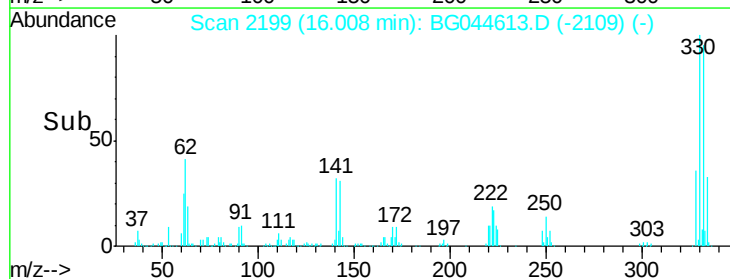
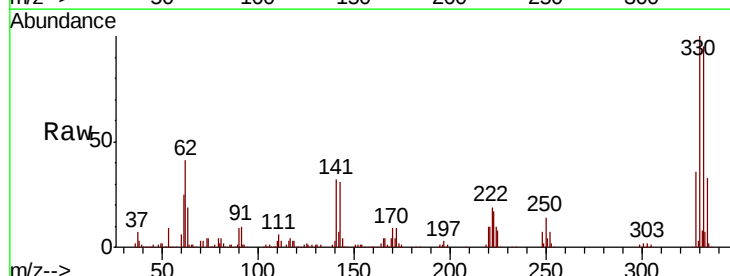
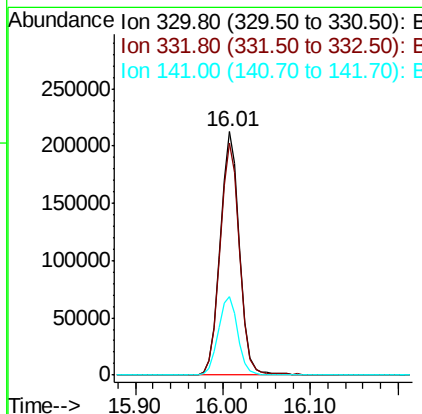
RT: 16.01 min Scan# 2199

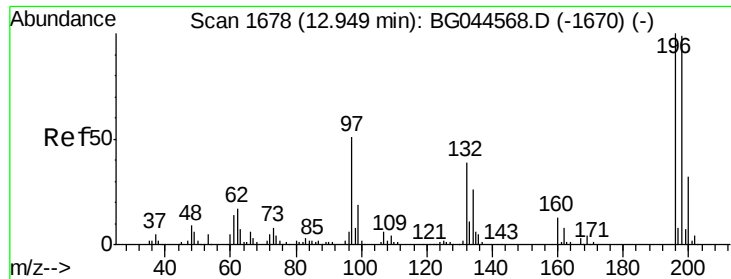
Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	330	Resp:	323690
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.4	116.0
141	32.8	26.1	39.1





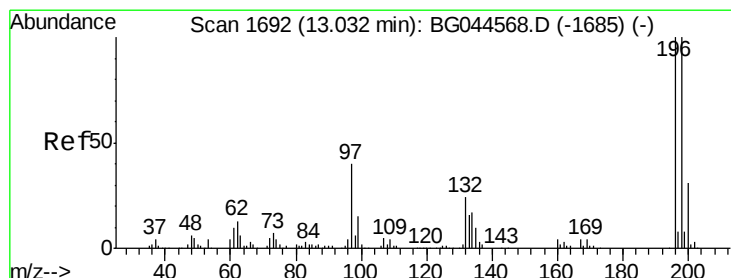
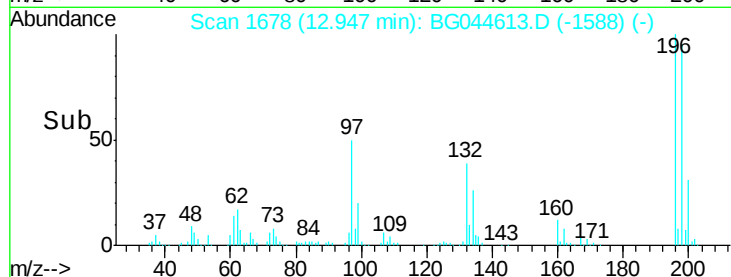
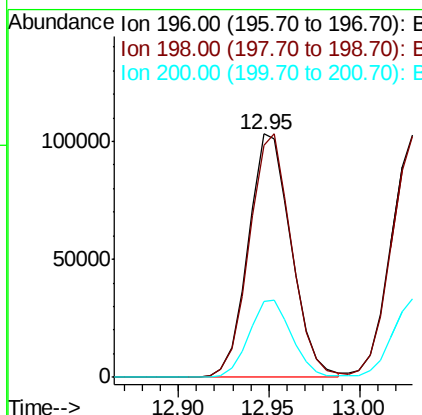
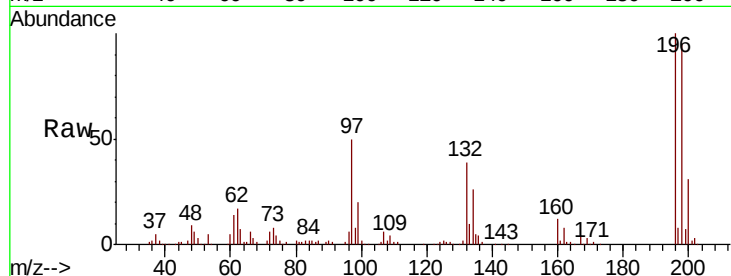
#43
 2,4,6-Trichlorophenol
 Concen: 44.442 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169053		
198	95.5	79.2	118.8	
200	31.4	25.7	38.5	

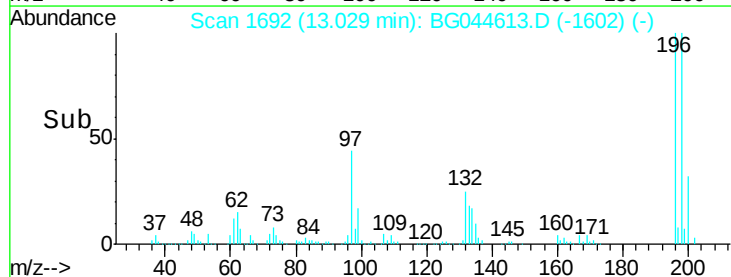
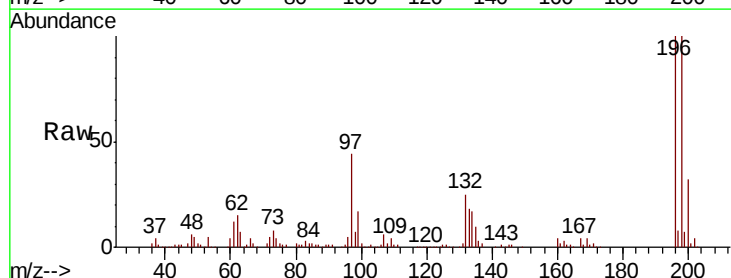
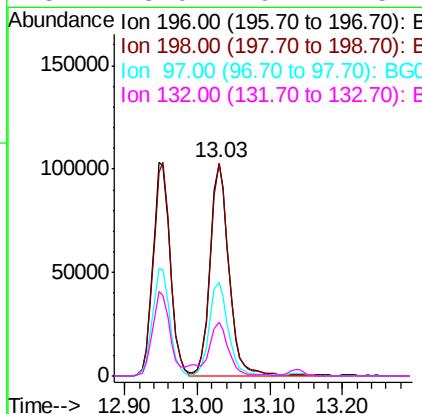
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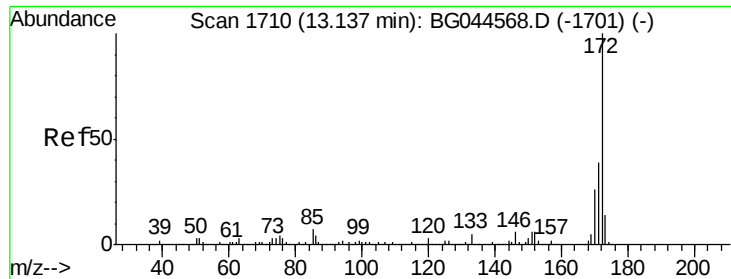
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 47.314 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	184882		
198	99.7	79.3	118.9	
97	43.8	32.3	48.5	
132	25.0	19.1	28.7	





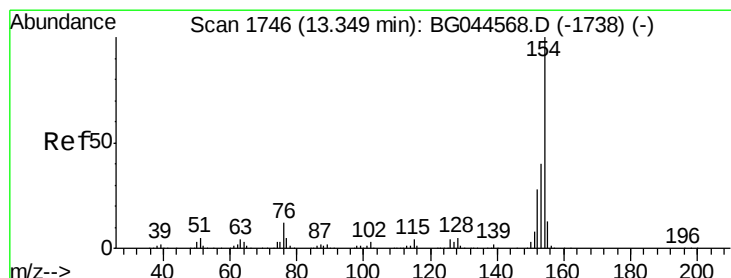
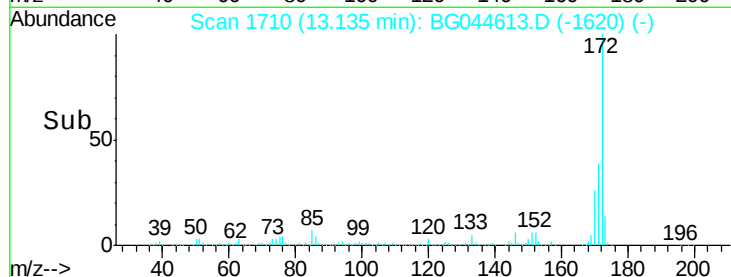
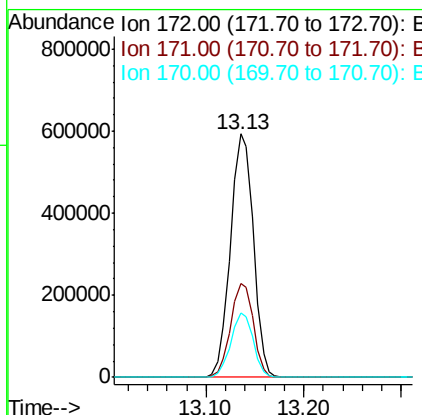
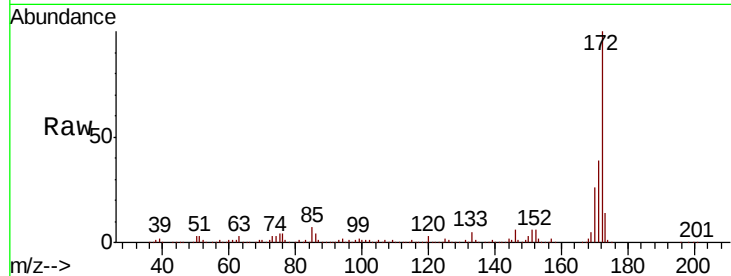
#45
 2-Fluorobiphenyl
 Concen: 79.322 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	31.3	46.9
170	26.3	21.0	31.4

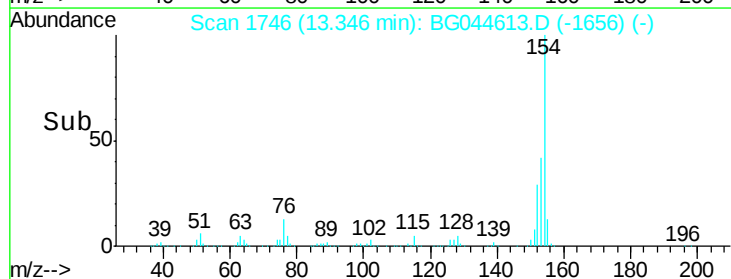
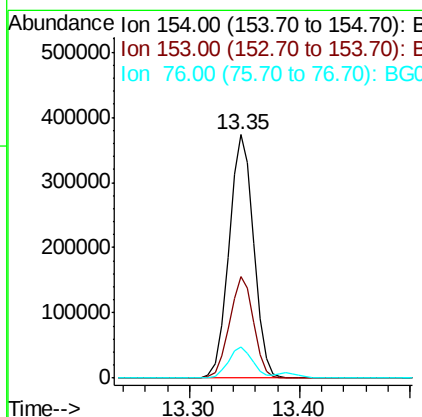
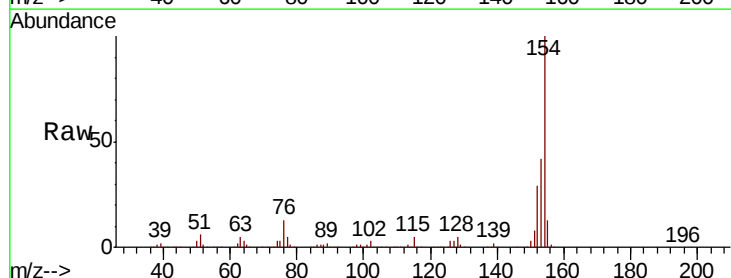
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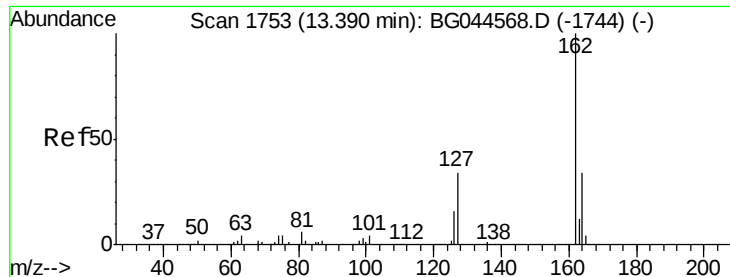
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#46
 1,1'-Biphenyl
 Concen: 40.413 ng
 RT: 13.35 min Scan# 1746
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.2	60.2
76	12.7	0.0	31.8





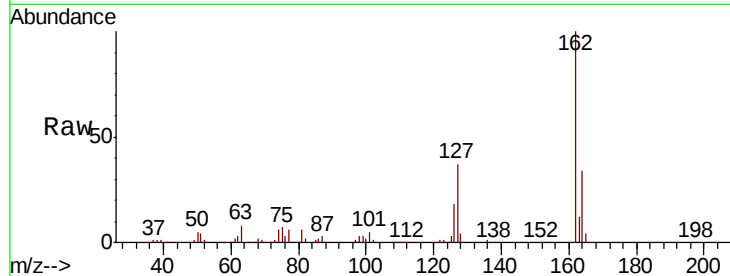
#47
 2-Chloronaphthalene
 Concen: 40.095 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

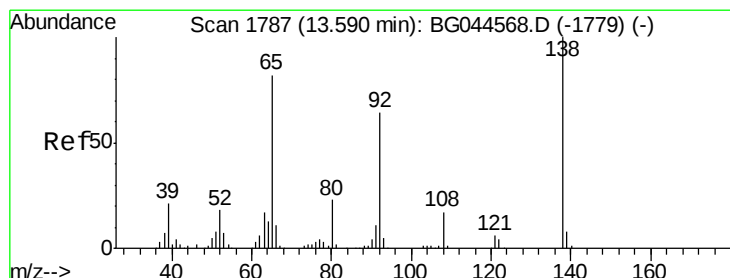
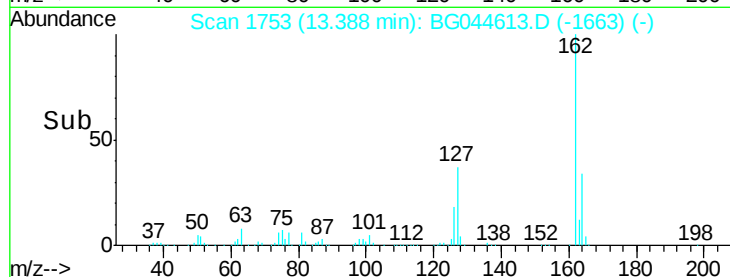
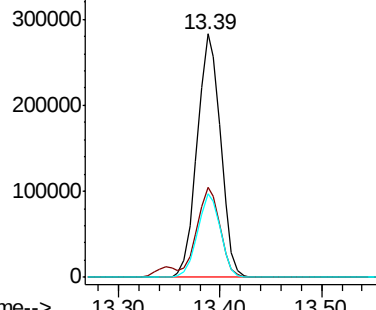
Tot Ion:	162	Resp:	452772
Ion Ratio	Lower	Upper	
162	100		
127	36.8	28.7	43.1
164	34.2	27.3	40.9

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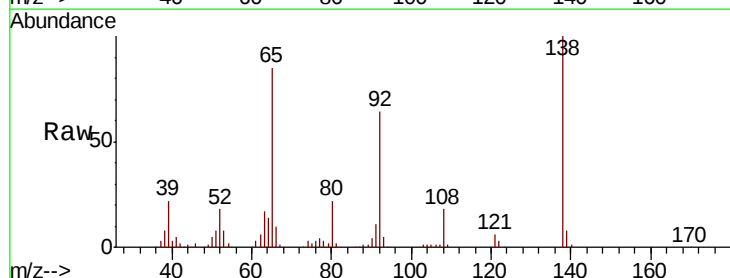


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

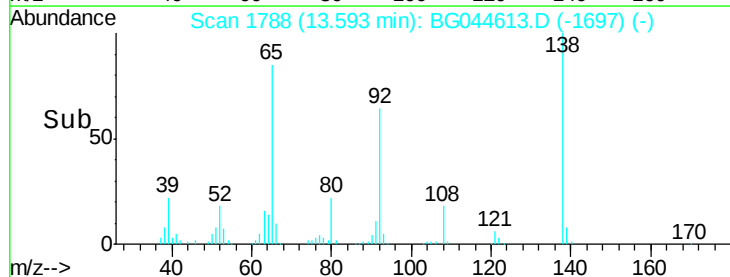
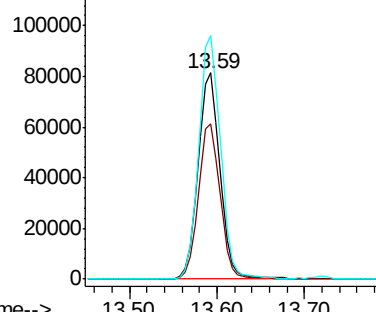


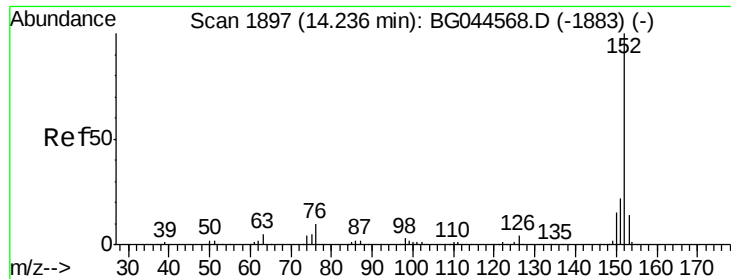
#48
 2-Nitroaniline
 Concen: 44.248 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion:	65	Resp:	138705
Ion Ratio	Lower	Upper	
65	100		
92	75.4	62.2	93.2
138	118.0	97.6	146.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.656 ng

RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

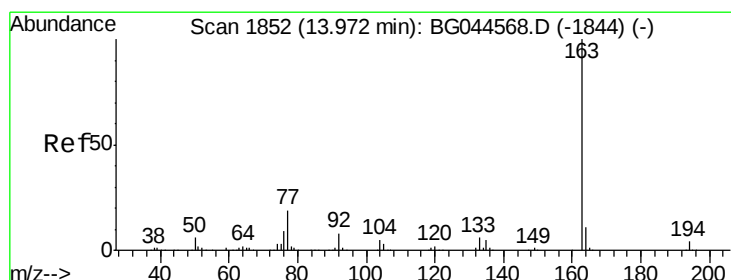
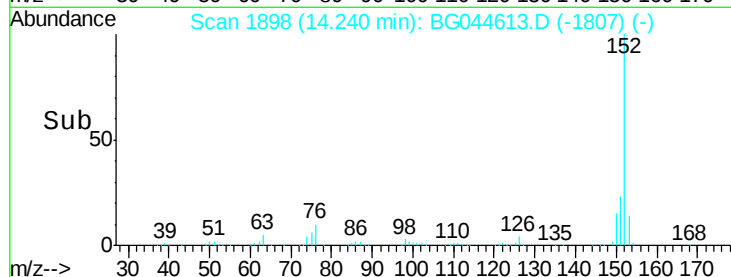
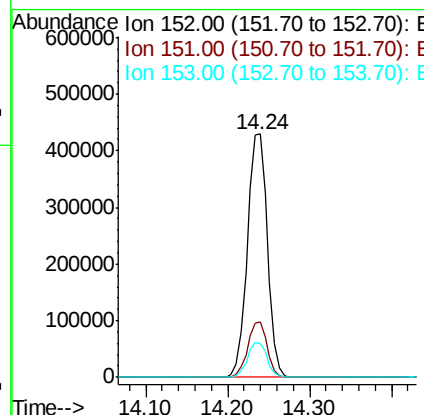
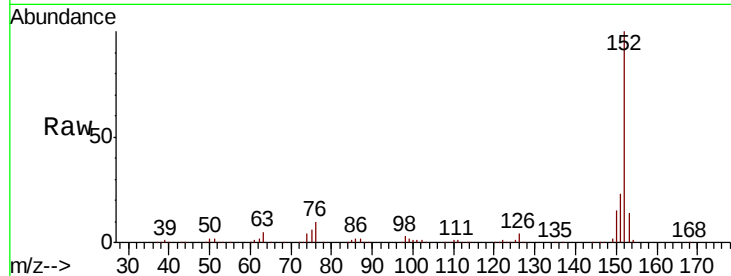
ClientSampleId :

OK-02-022420MSD

Tot Ion:	152	Resp:	727723
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.7	26.5
153	13.8	11.3	16.9

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#50

Dimethylphthalate

Concen: 45.915 ng

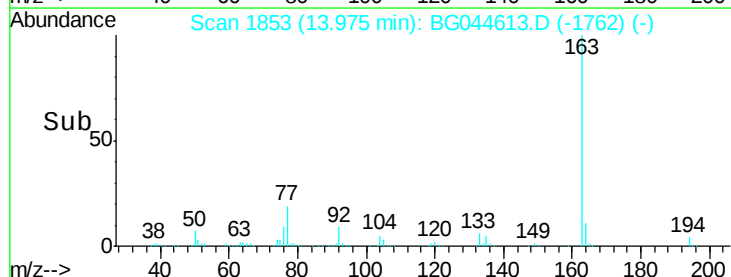
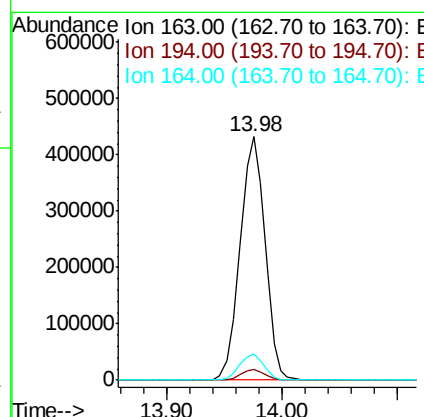
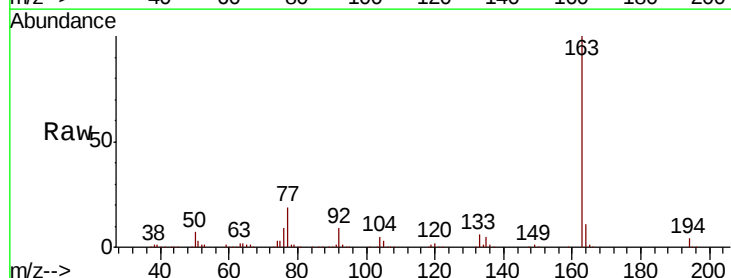
RT: 13.98 min Scan# 1853

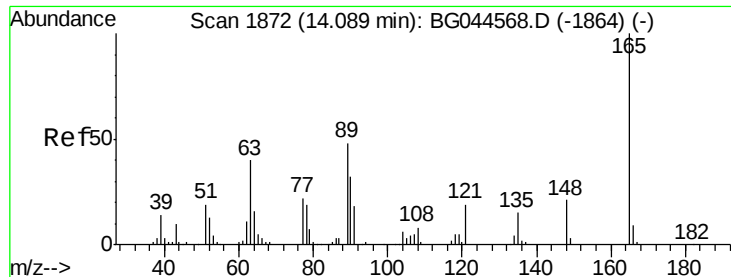
Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	163	Resp:	644910
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.6	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 45.166 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

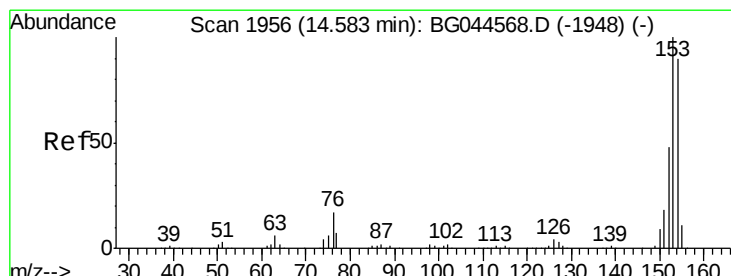
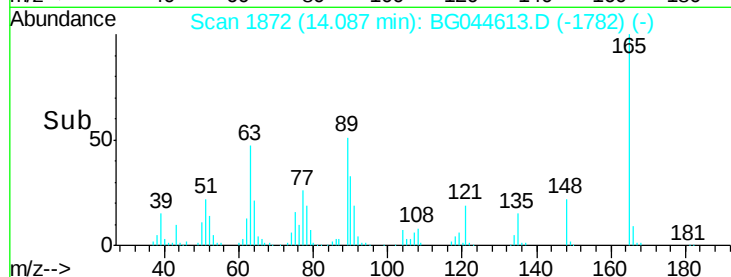
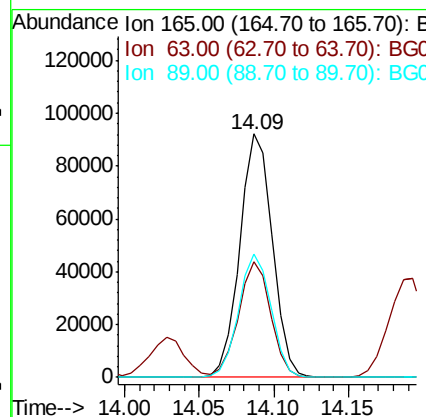
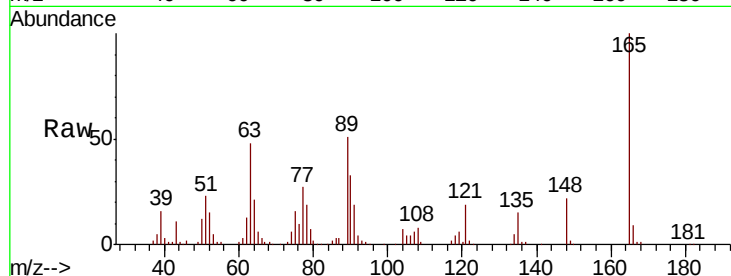
ClientSampleId :

OK-02-022420MSD

Tot Ion:	165	Resp:	139912
Ion Ratio	Lower	Upper	
165	100		
63	47.6	35.8	53.6
89	50.8	38.7	58.1

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#52

Acenaphthene

Concen: 42.269 ng

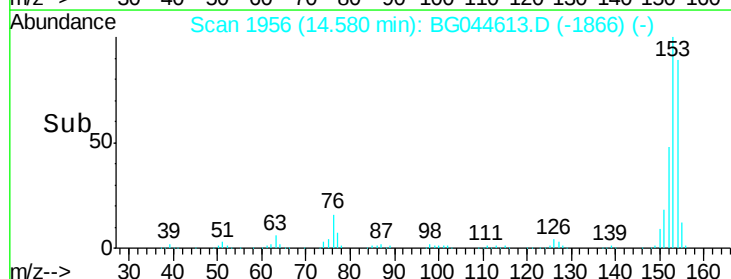
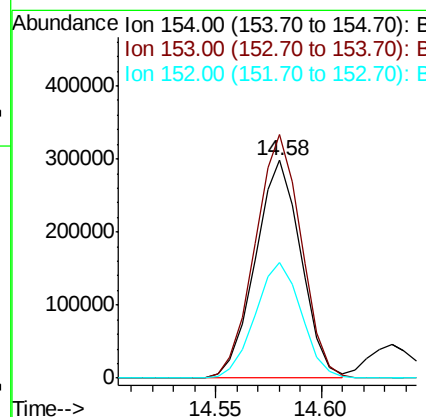
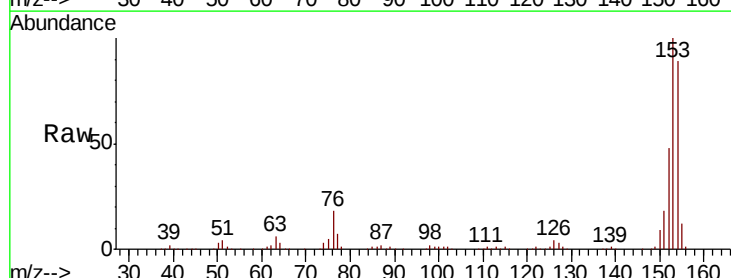
RT: 14.58 min Scan# 1956

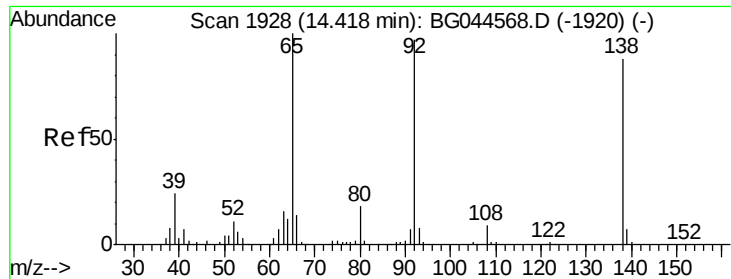
Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	154	Resp:	449147
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.4	134.0
152	53.4	43.0	64.4





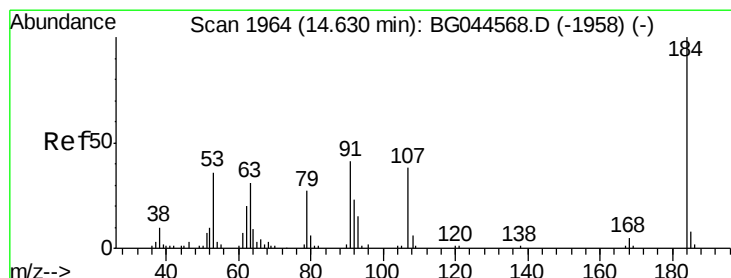
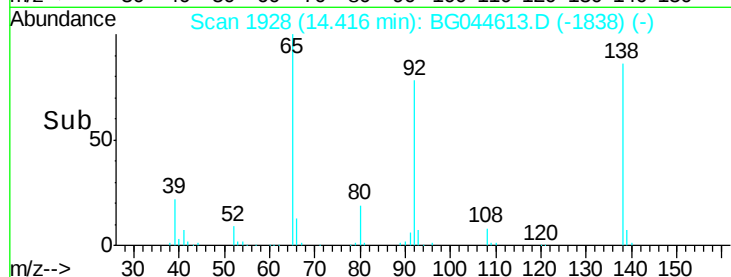
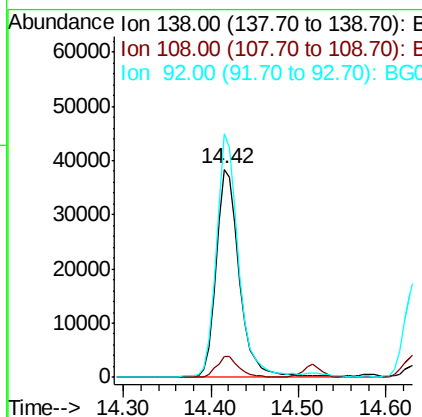
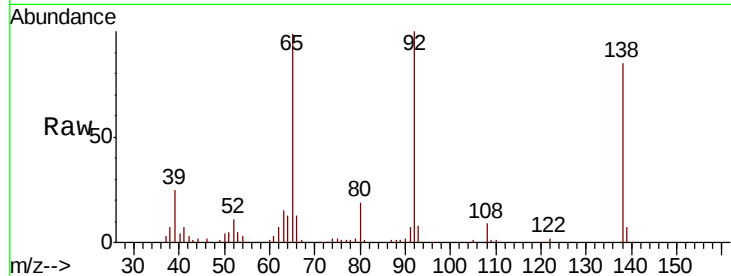
#53
3-Nitroaniline
Concen: 21.118 ng
RT: 14.42 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	117.1	87.4	131.2

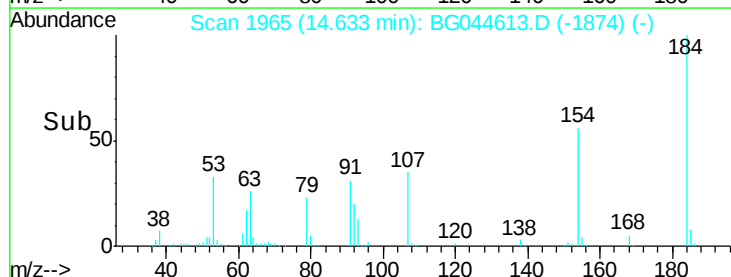
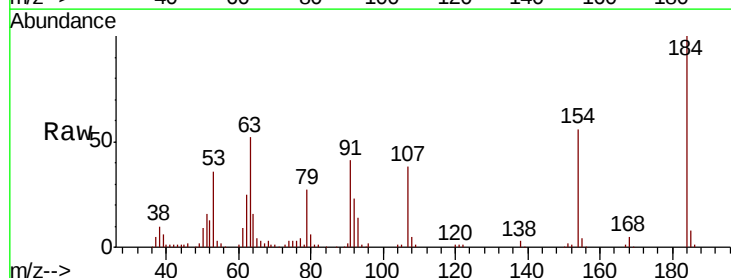
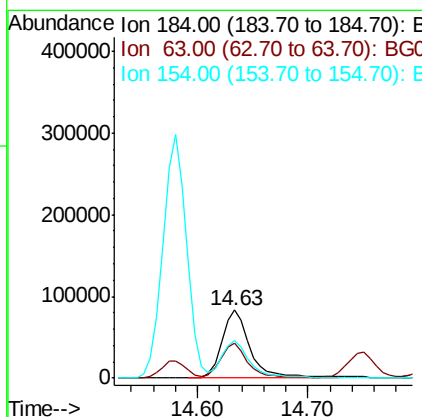
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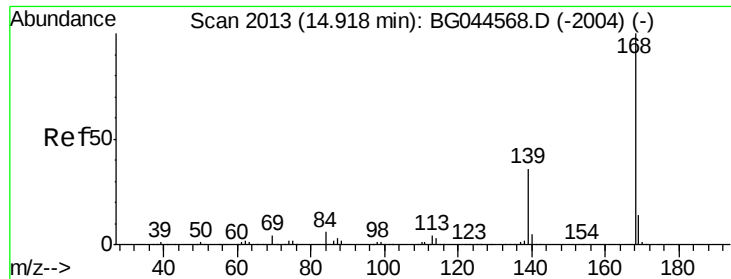
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#54
2,4-Dinitrophenol
Concen: 80.152 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.0	42.1	63.1
154	55.8	43.4	65.2





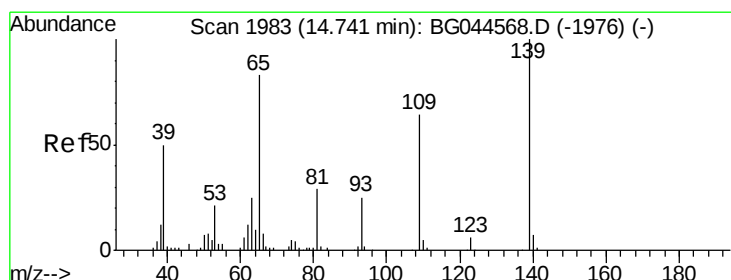
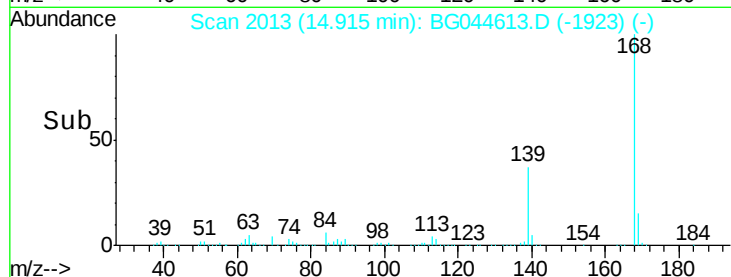
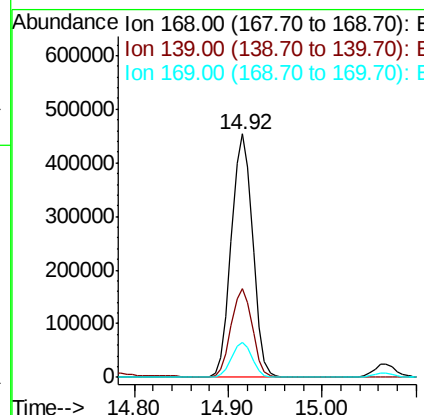
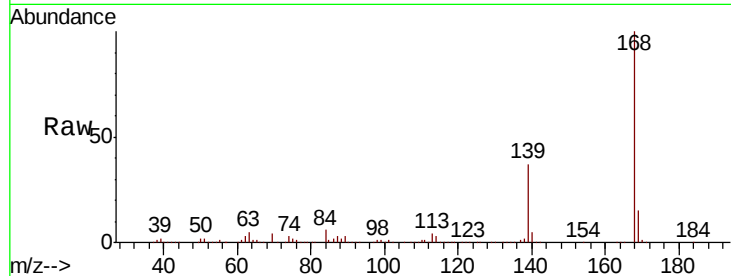
#55
Dibenzofuran
Concen: 43.942 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.2	43.8
169	14.6	11.0	16.6

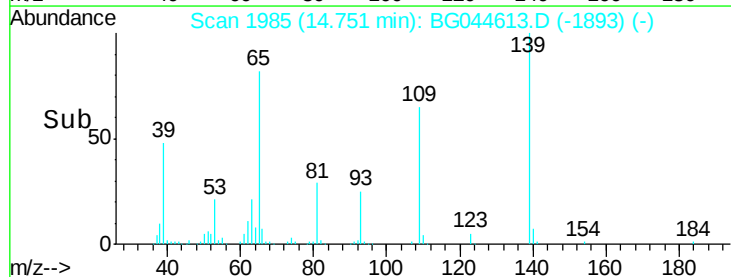
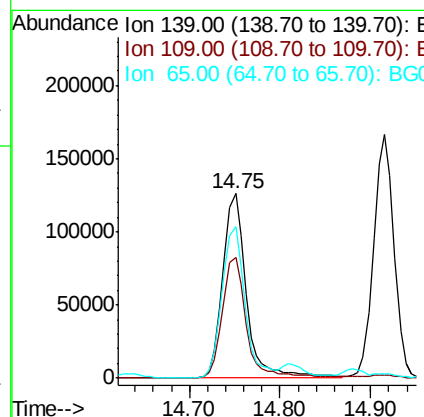
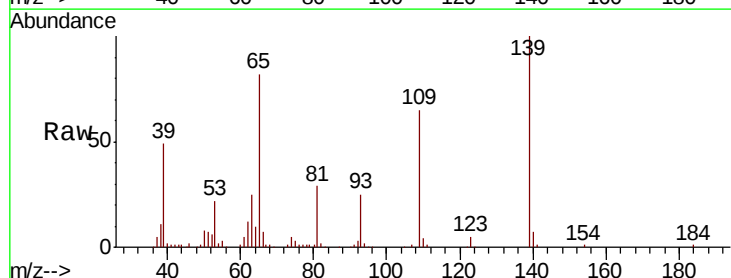
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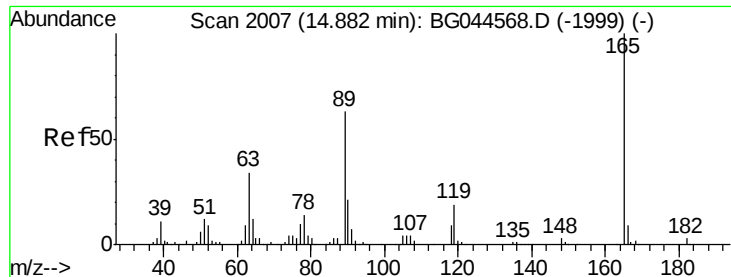
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#56
4-Nitrophenol
Concen: 100.336 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	43.8	83.8
65	82.5	63.6	103.6





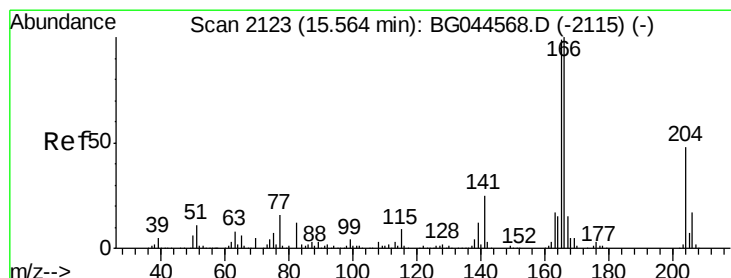
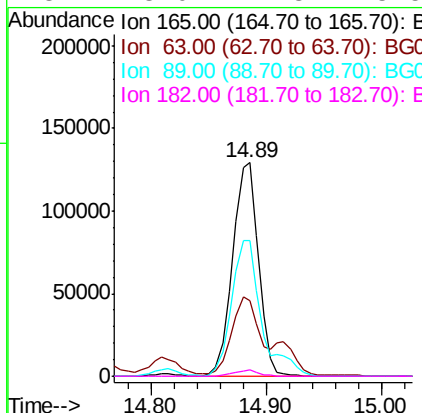
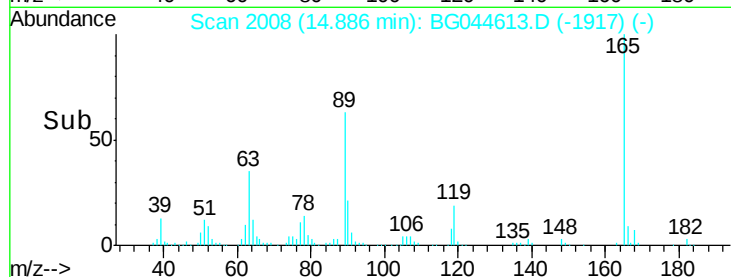
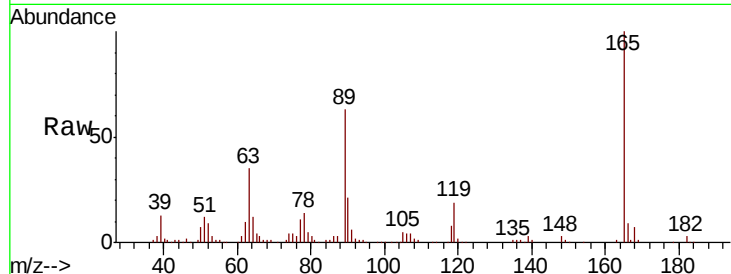
#57
2,4-Dinitrotoluene
Concen: 45.887 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199846		
63	35.2	27.5	41.3	
89	63.3	50.0	75.0	
182	3.0	2.3	3.5	

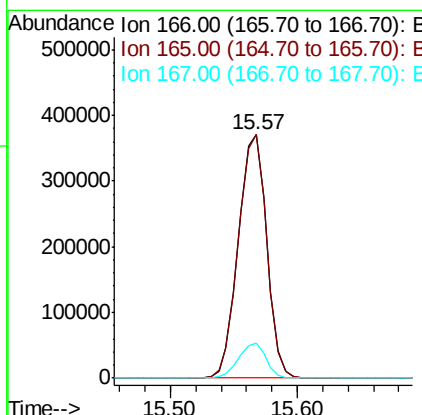
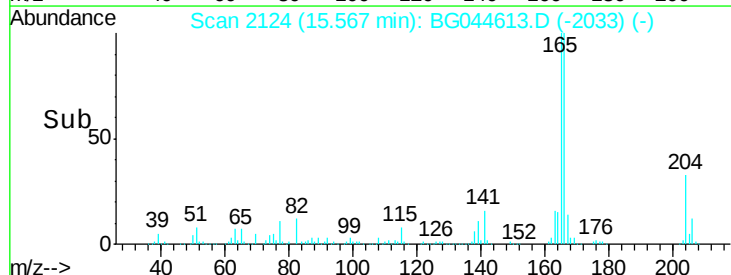
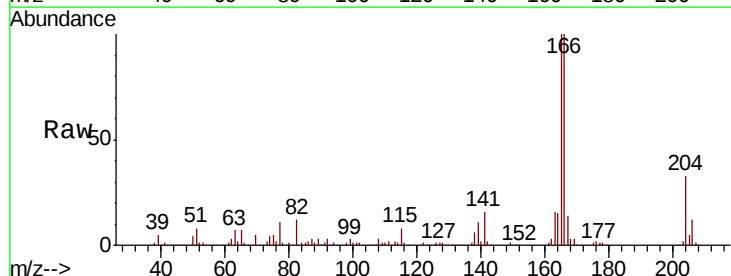
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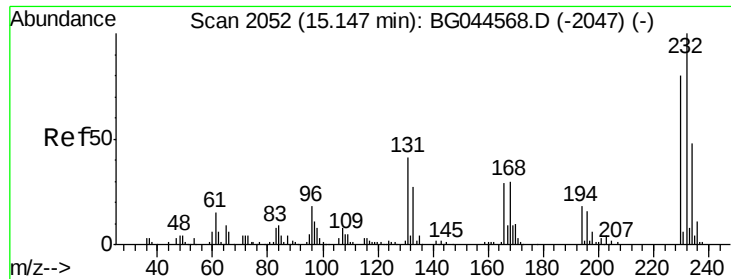
mohammad
2/27/2020 4:59:03 PM



#58
Fluorene
Concen: 44.386 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	573292		
165	99.8	79.2	118.8	
167	14.1	11.7	17.5	





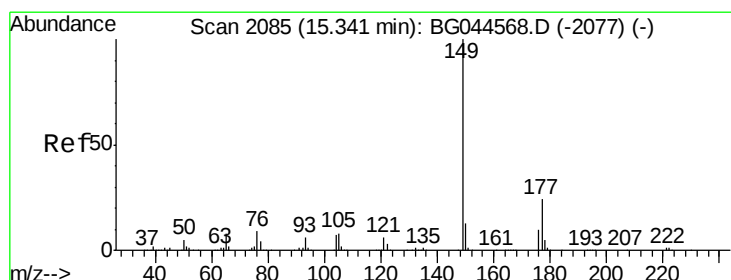
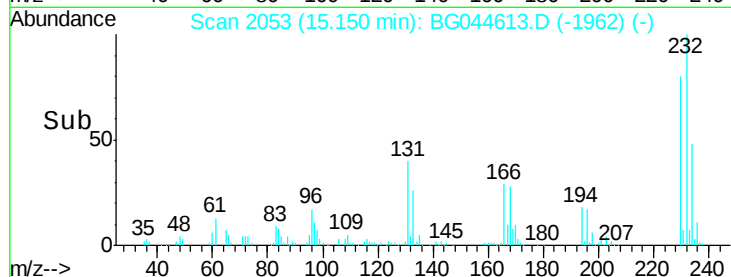
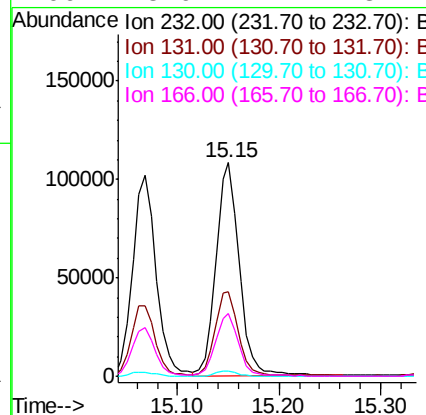
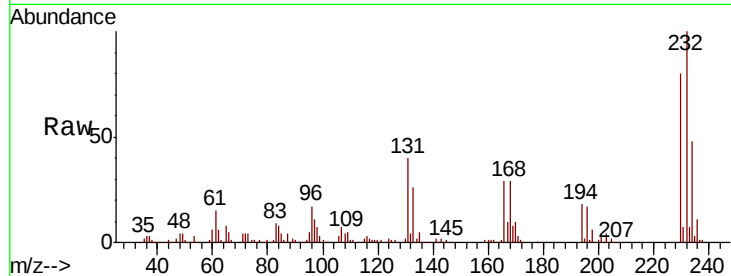
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.460 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	31.8	47.6
130	2.3	1.8	2.6
166	28.9	22.7	34.1

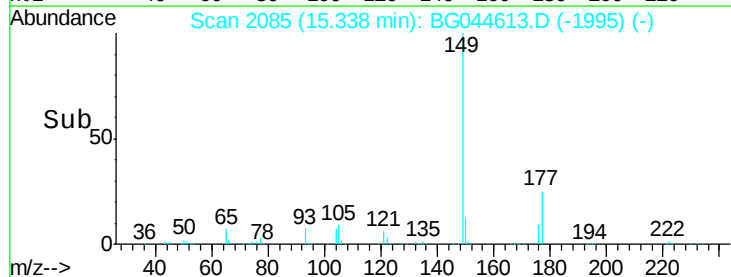
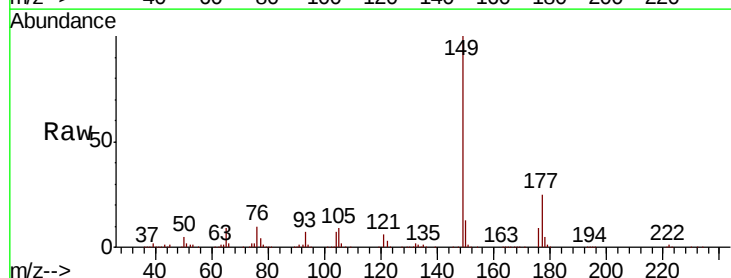
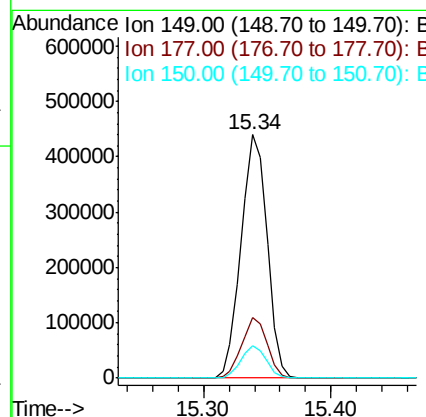
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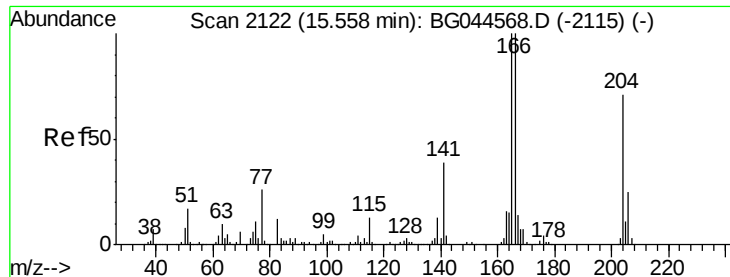
mohammad
 2/27/2020 4:59:03 PM



#60
 Diethylphthalate
 Concen: 44.792 ng
 RT: 15.34 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.2	28.8
150	13.2	10.2	15.4





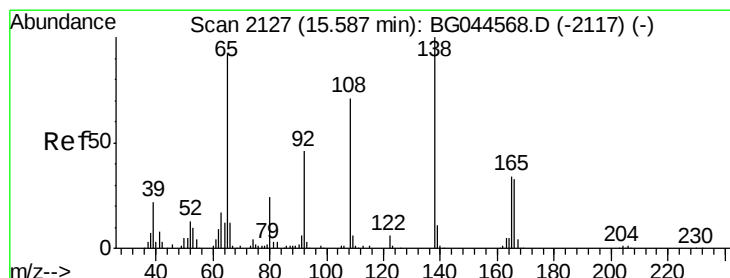
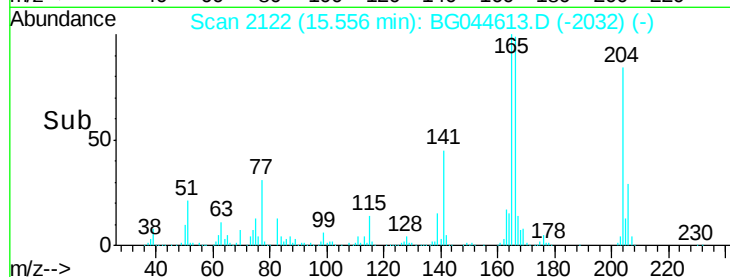
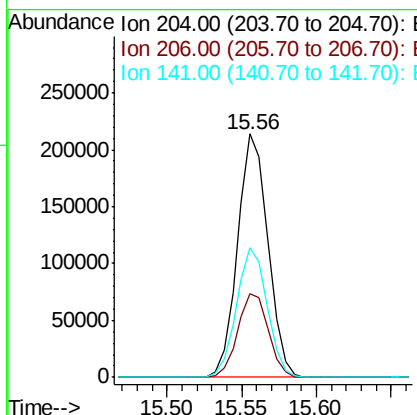
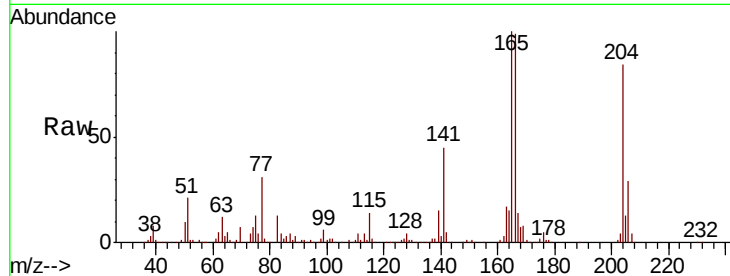
#61
 4-Chlorophenyl-phenylether
 Concen: 42.980 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion:	204	Resp:	301839
Ion Ratio	Lower	Upper	
204	100		
206	34.5	27.8	41.8
141	53.4	43.8	65.8

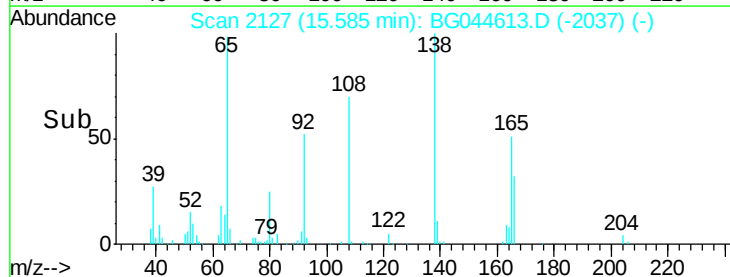
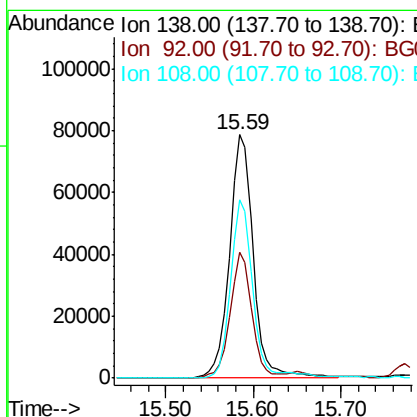
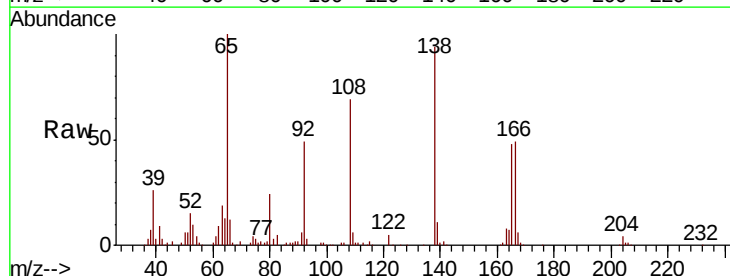
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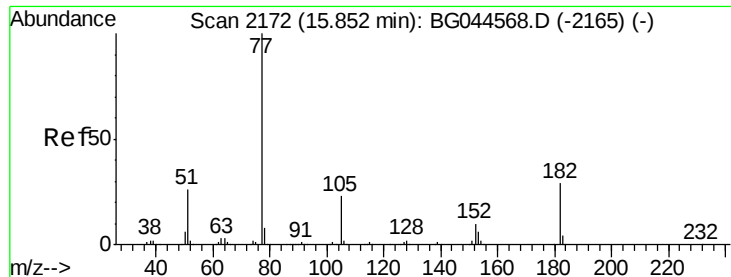
mohammad
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#62
 4-Nitroaniline
 Concen: 43.141 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion:	138	Resp:	144317
Ion Ratio	Lower	Upper	
138	100		
92	51.9	26.4	66.4
108	73.1	50.5	90.5





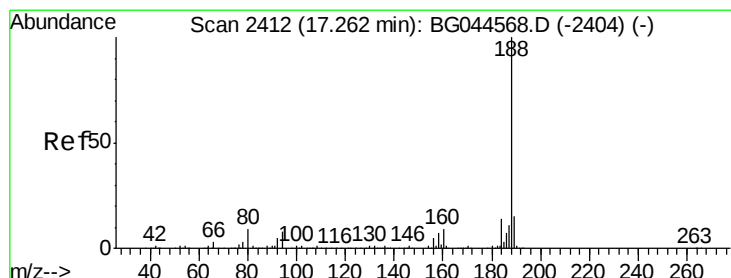
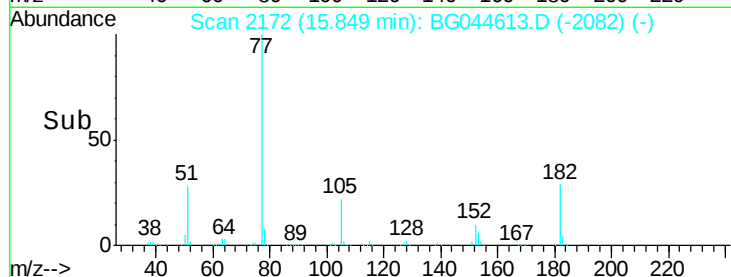
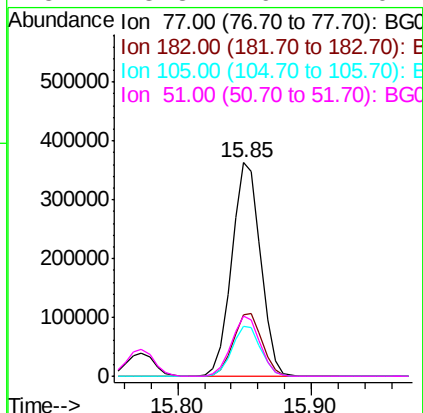
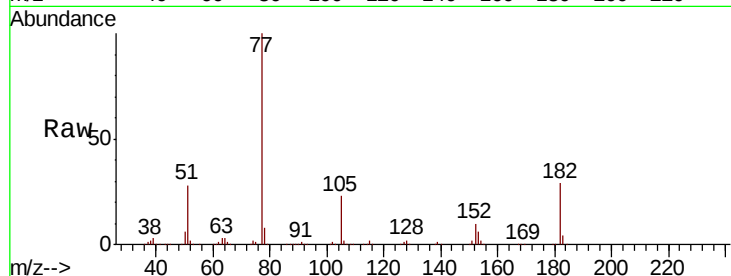
#63
Azobenzene
Concen: 45.809 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	9.4	49.4
105	23.1	3.4	43.4
51	28.3	6.4	46.4

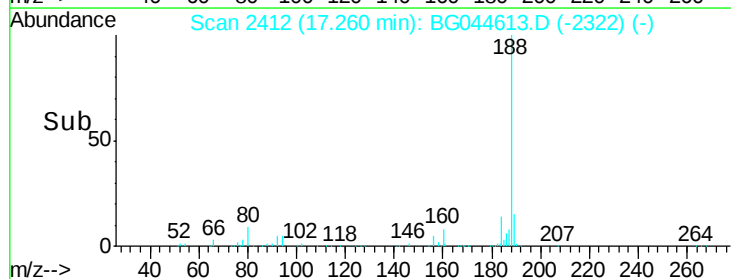
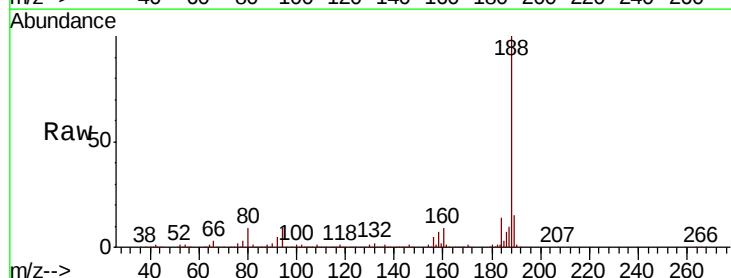
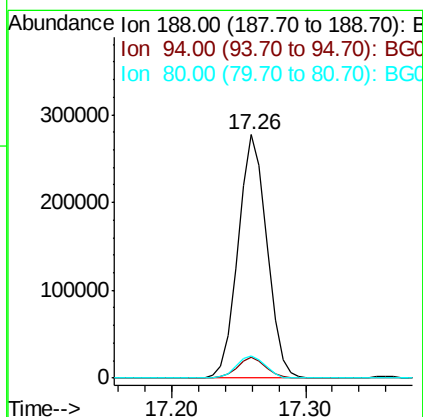
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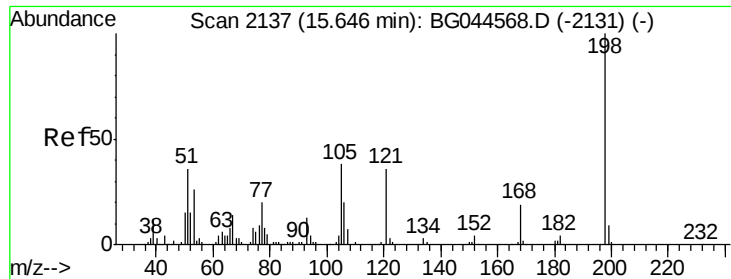
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.1	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 47.075 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

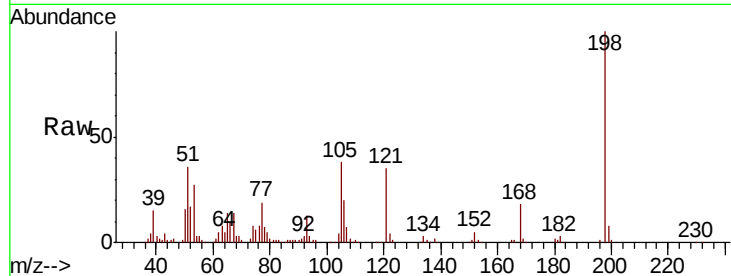
ClientSampleId :

OK-02-022420MSD

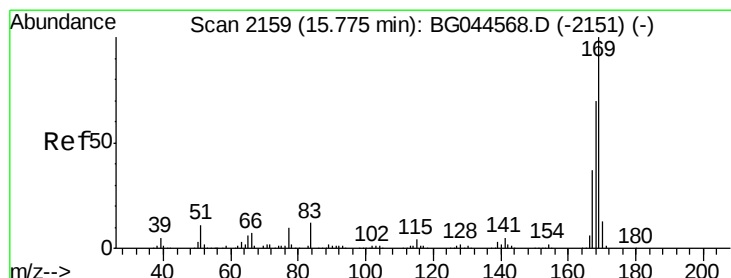
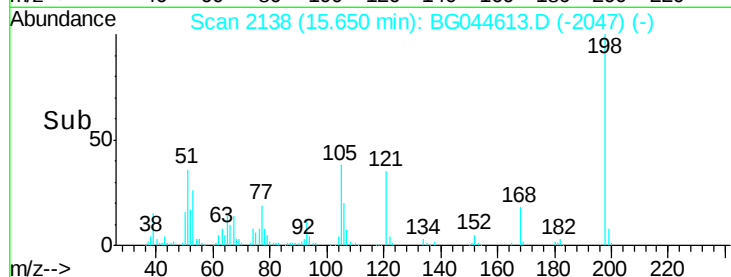
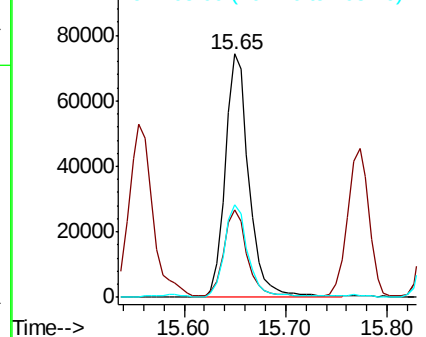
Tot Ion:	198	Resp:	120383
Ion Ratio	Lower	Upper	
198	100		
51	36.0	17.0	57.0
105	38.2	18.4	58.4

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.714 ng

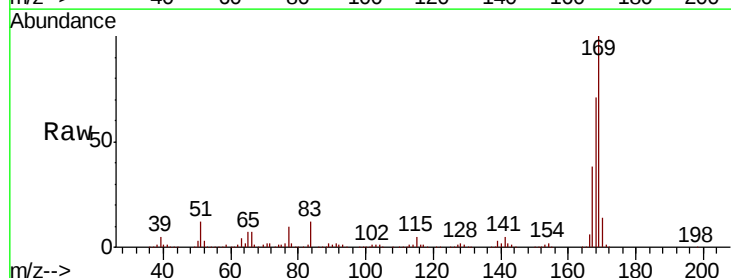
RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

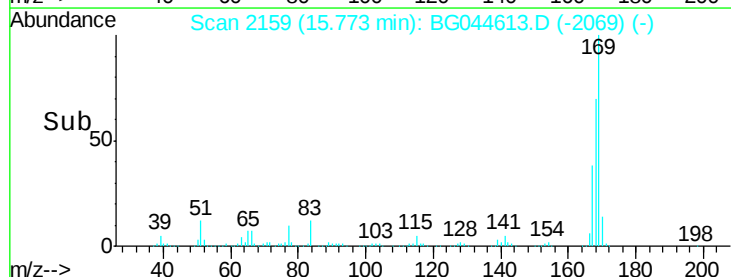
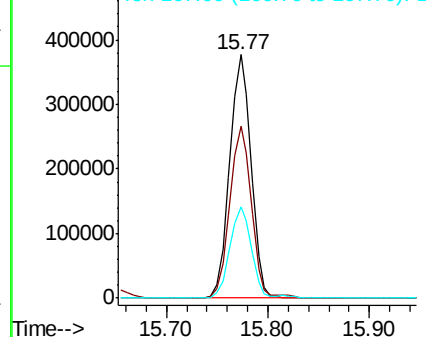
Lab File: BG044613.D

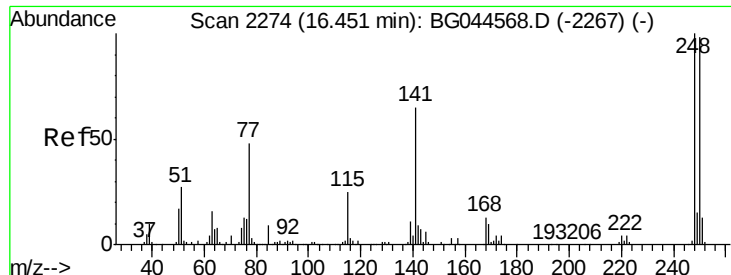
Acq: 26 Feb 2020 21:23

Tgt Ion:	169	Resp:	550266
Ion Ratio	Lower	Upper	
169	100		
168	70.6	56.1	84.1
167	37.7	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





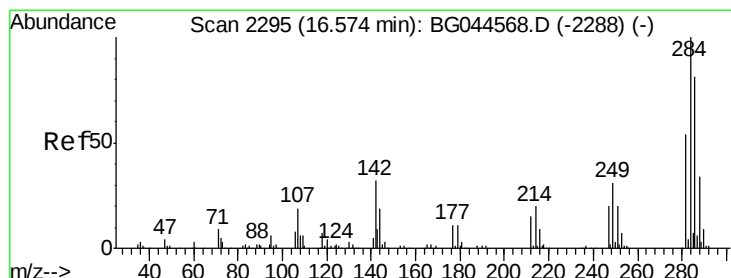
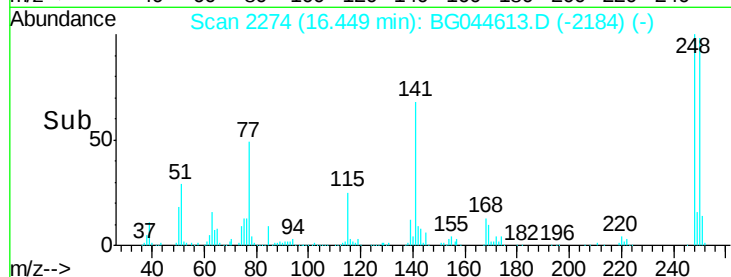
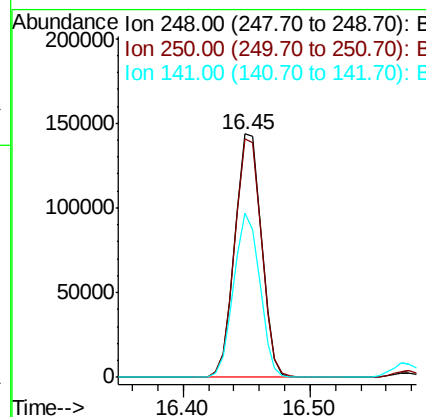
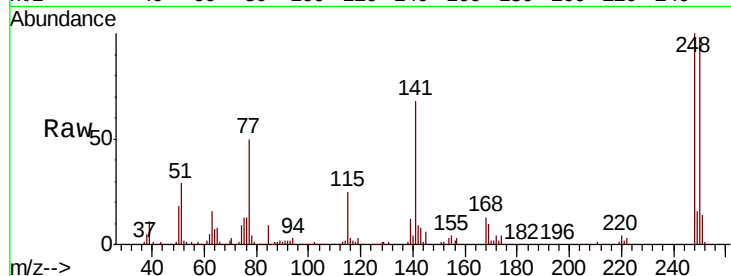
#67
 4-Bromophenyl-phenylether
 Concen: 40.581 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.7	118.1
141	67.6	52.3	78.5

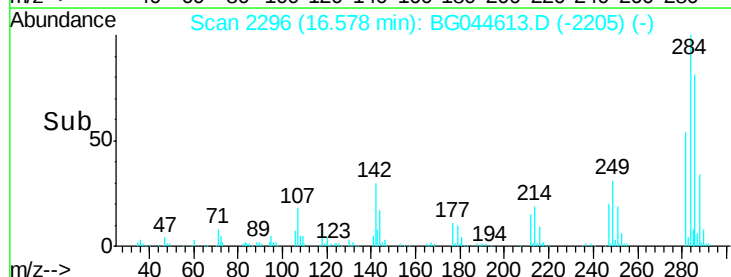
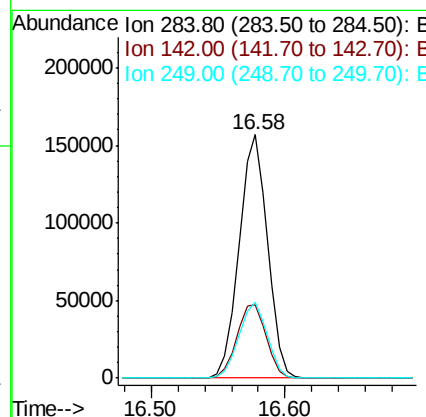
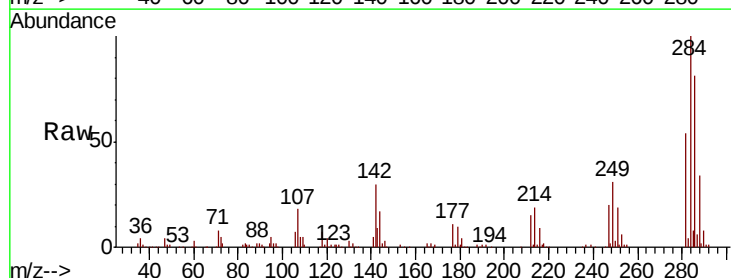
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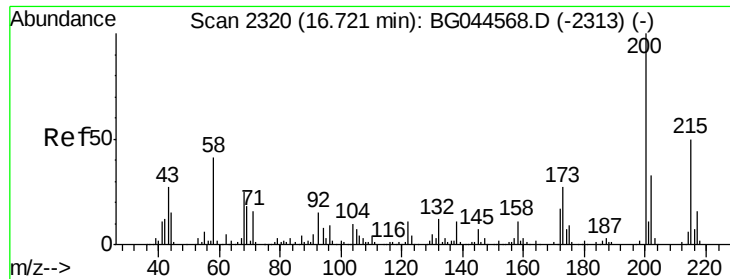
mohammad
 2/27/2020 4:59:03 PM



#68
 Hexachlorobenzene
 Concen: 39.723 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	25.6	38.4
249	31.1	24.6	36.8





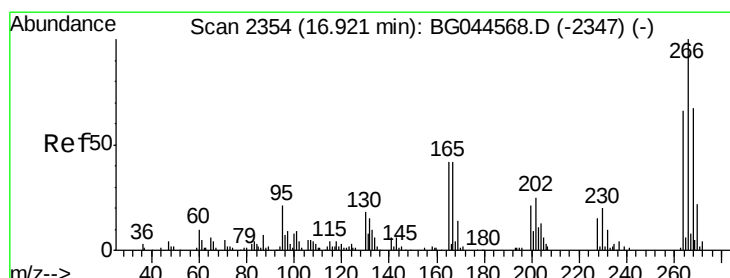
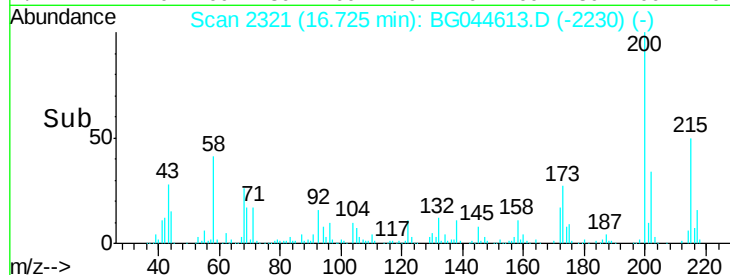
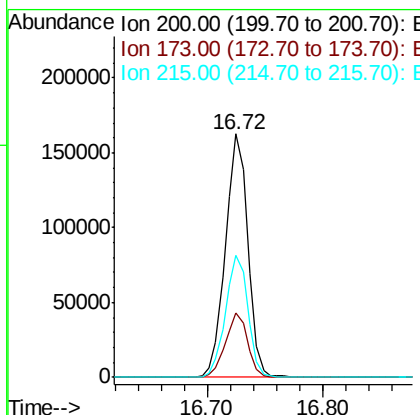
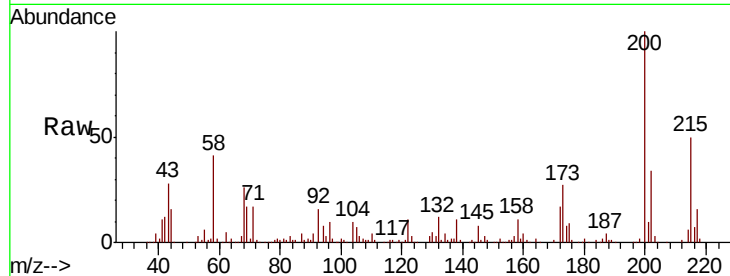
#69
 Atrazine
 Concen: 45.902 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	218607		
173	26.7	6.6	46.6	
215	50.1	30.3	70.3	

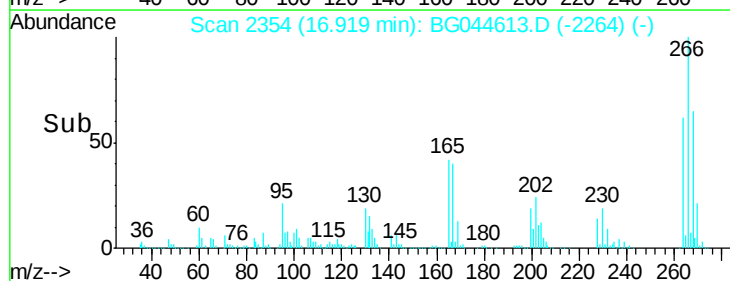
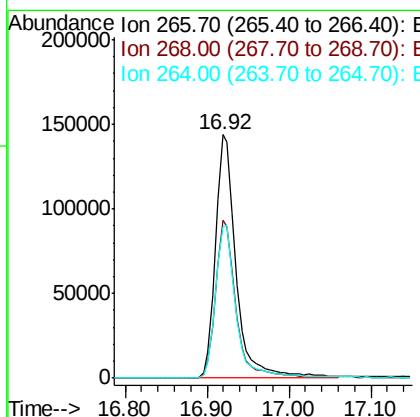
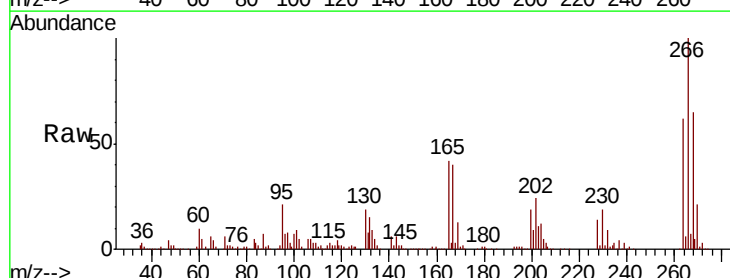
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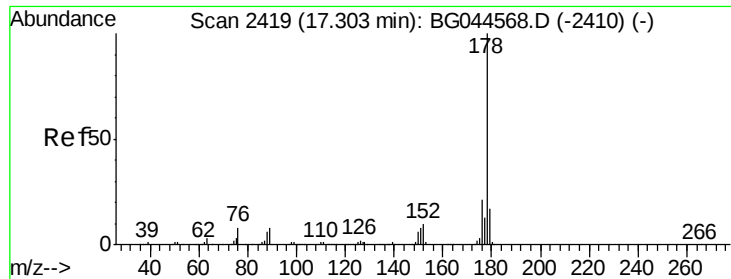
mohammad
 2/27/2020 4:59:03 PM



#70
 Pentachlorophenol
 Concen: 88.713 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG044613.D
 Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	254074		
268	64.6	53.4	80.0	
264	62.5	53.0	79.4	





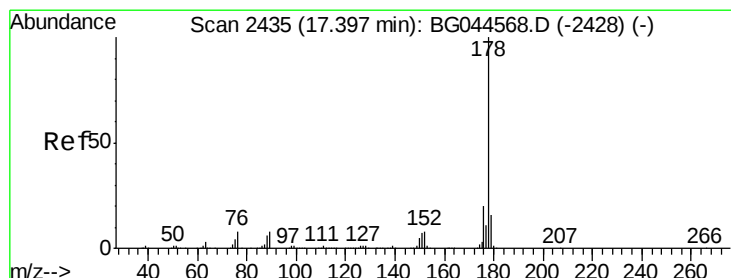
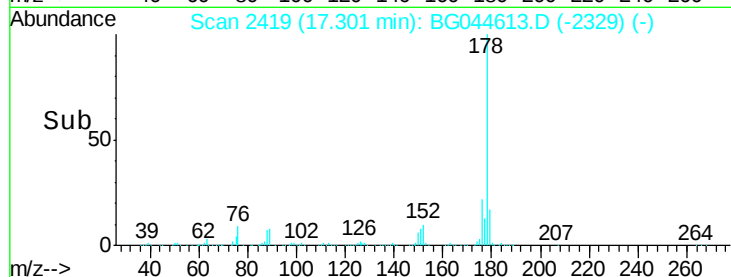
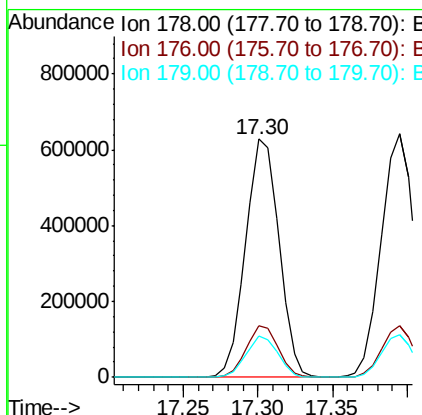
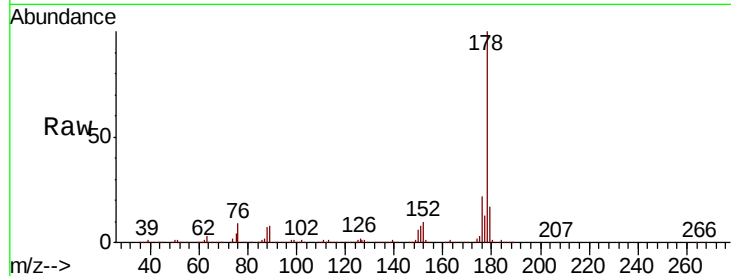
#71
Phenanthrene
Concen: 42.523 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.6	25.0
179	17.5	13.3	19.9

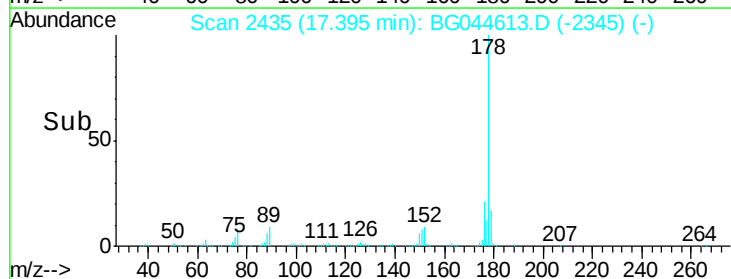
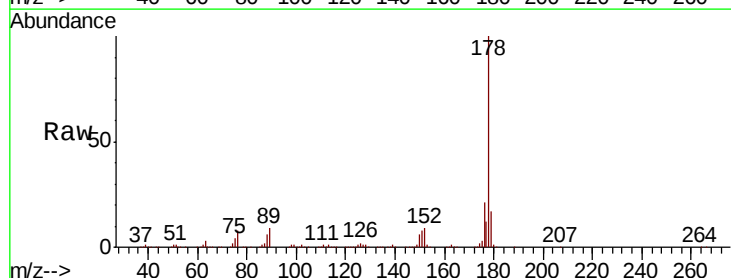
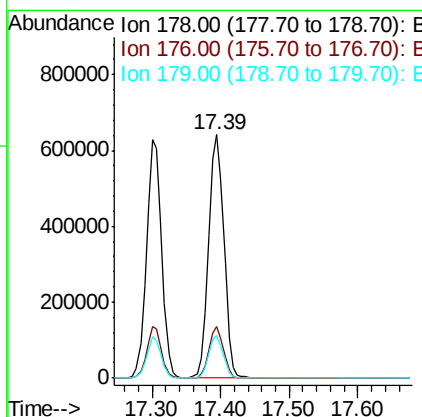
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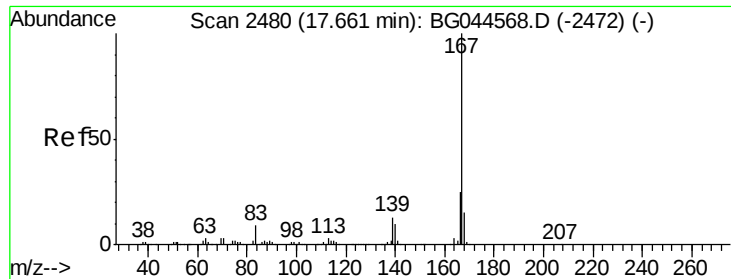
mohammad
2/27/2020 4:59:03 PM



#72
Anthracene
Concen: 44.278 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.9	23.9
179	17.3	13.1	19.7





#73

Carbazole

Concen: 44.513 ng

RT: 17.66 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

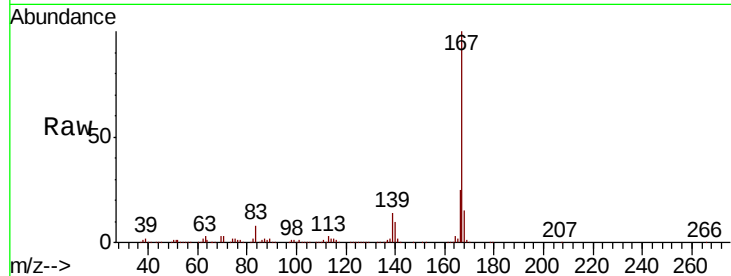
ClientSampleId :

OK-02-022420MSD

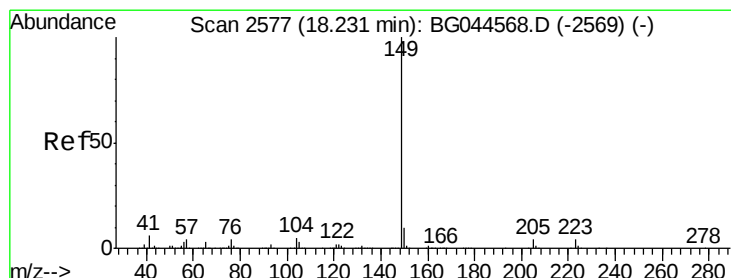
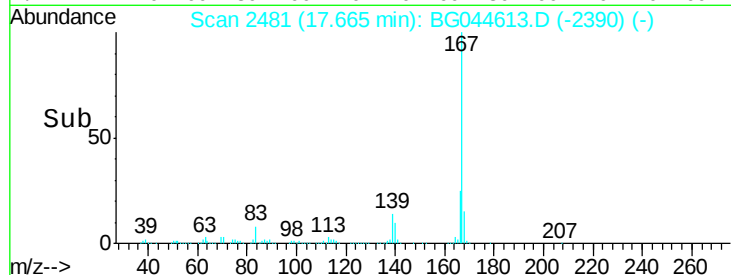
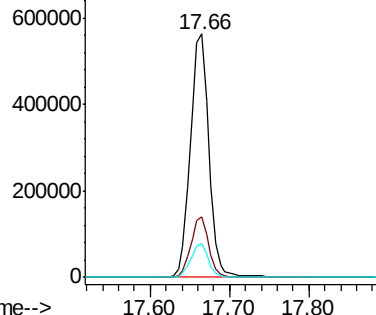
Tot Ion:	167	Resp:	912985
Ion Ratio	Lower	Upper	
167	100		
166	25.0	19.7	29.5
139	13.7	10.6	15.8

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.163 ng

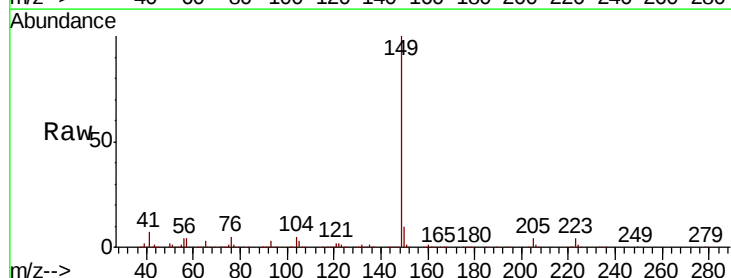
RT: 18.23 min Scan# 2577

Delta R.T. -0.00 min

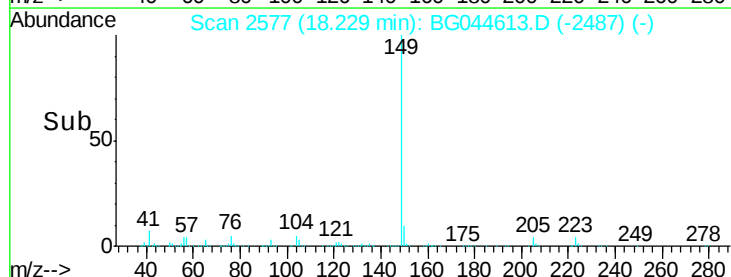
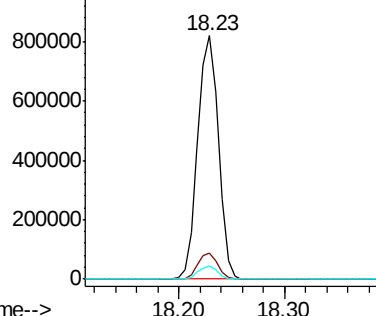
Lab File: BG044613.D

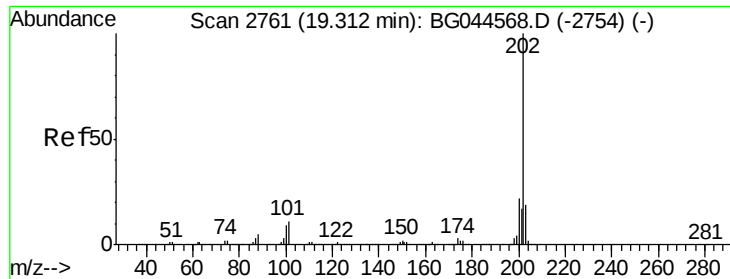
Acq: 26 Feb 2020 21:23

Tgt Ion:	149	Resp:	1109355
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.8	11.8
104	5.3	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.891 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

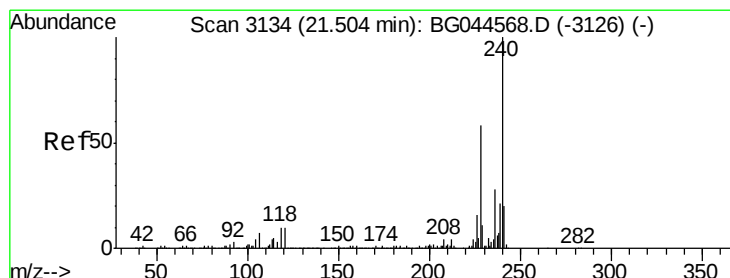
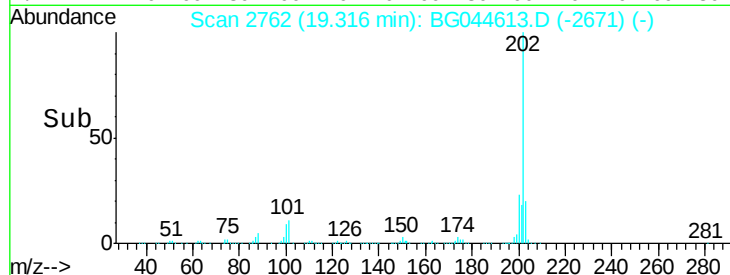
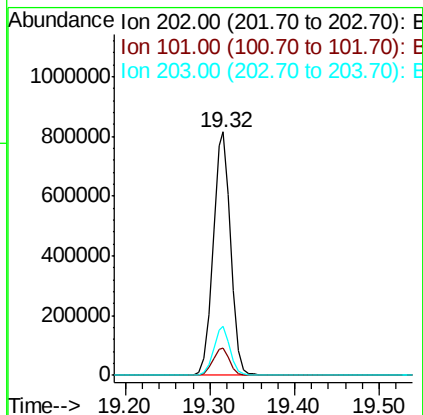
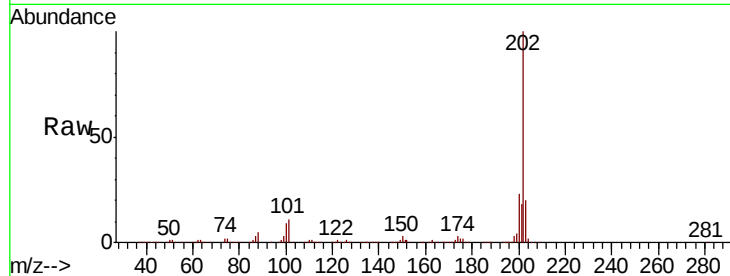
ClientSampleId :

OK-02-022420MSD

Tot Ion:	202	Resp:	1188016
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	20.0	0.0	39.2

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

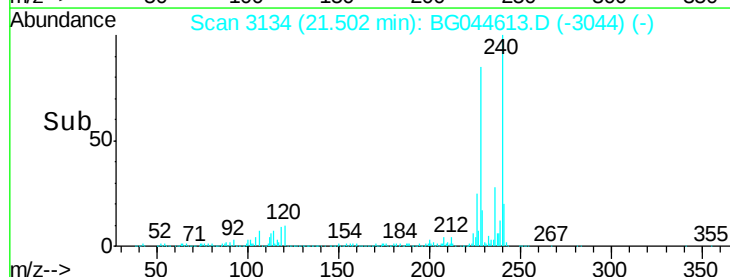
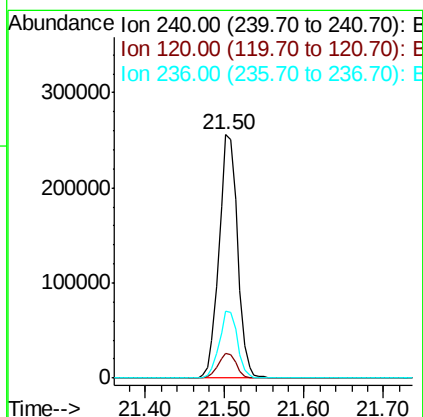
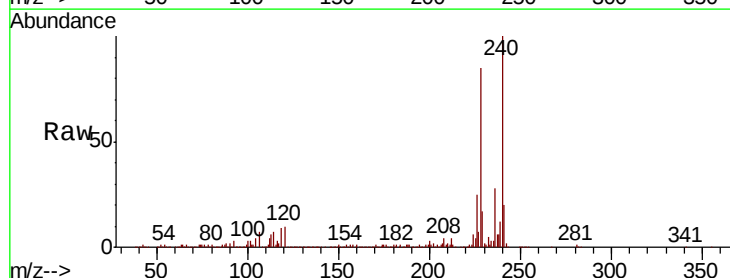
RT: 21.50 min Scan# 3134

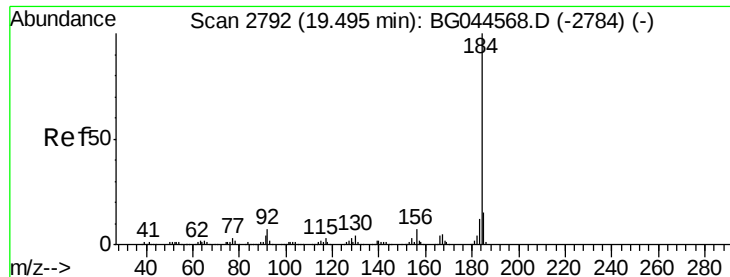
Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	240	Resp:	415021
Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.3	12.5
236	27.5	22.3	33.5





#77

Benzidine

Concen: 20.123 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

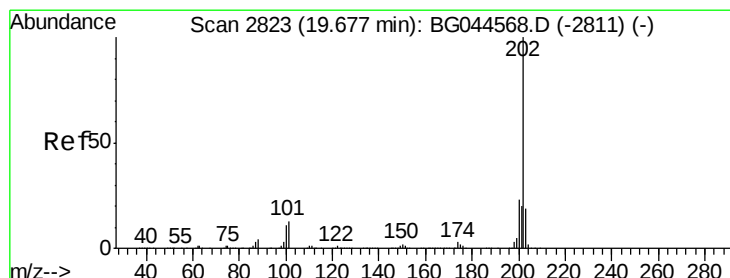
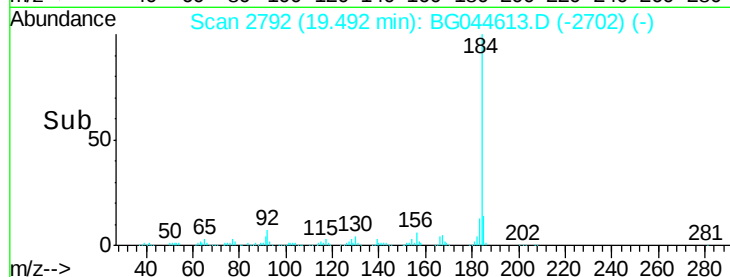
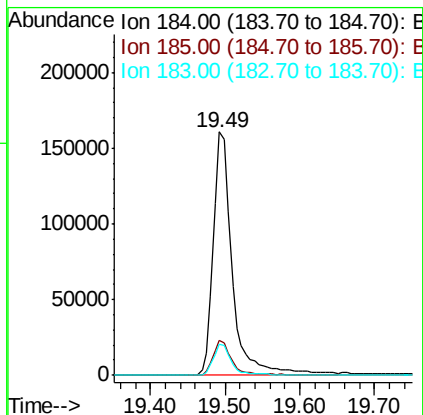
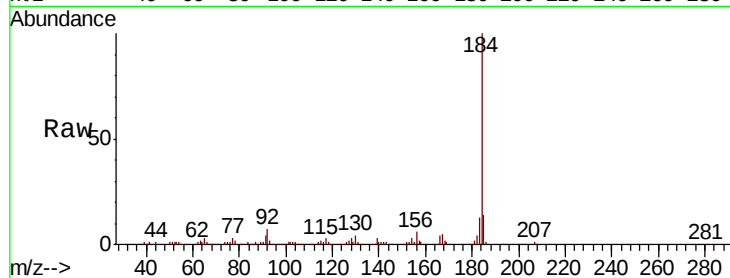
ClientSampleId :

OK-02-022420MSD

Tot Ion:	184	Resp:	286078
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	12.8	9.9	14.9

Manual Integrations
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#78

Pyrene

Concen: 39.613 ng

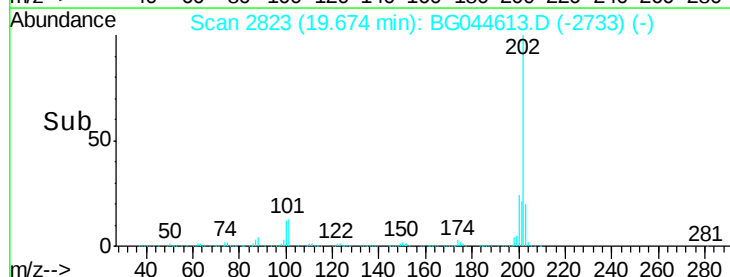
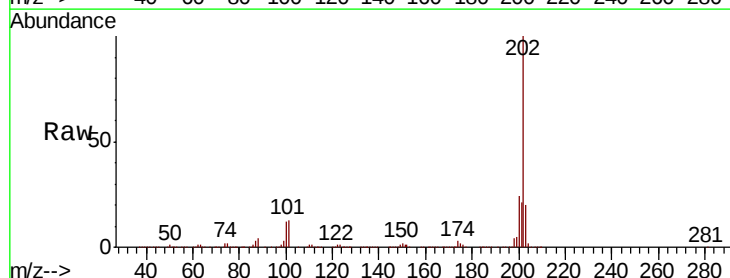
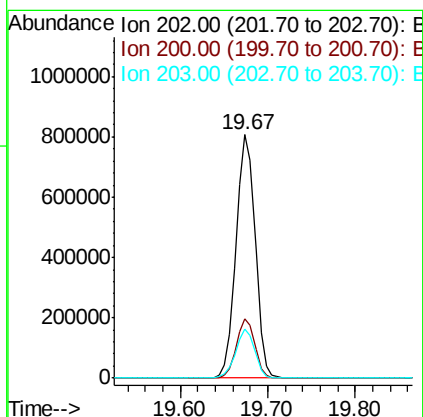
RT: 19.67 min Scan# 2823

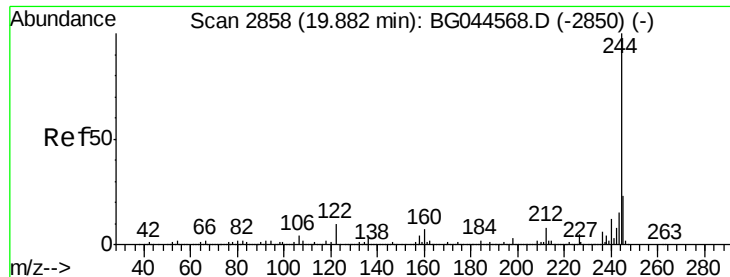
Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Tgt Ion:	202	Resp:	1193416
Ion Ratio	Lower	Upper	
202	100		
200	24.3	18.6	28.0
203	19.9	15.3	22.9





#79

Terphenyl-d14

Concen: 79.895 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

Instrument :

BNA_G

ClientSampleId :

OK-02-022420MSD

Tot Ion:244 Resp: 1751564

Ion Ratio Lower Upper

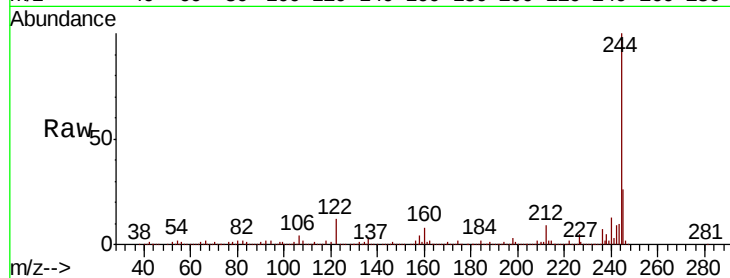
244 100

212 9.2 6.5 9.7

122 11.7 8.2 12.4

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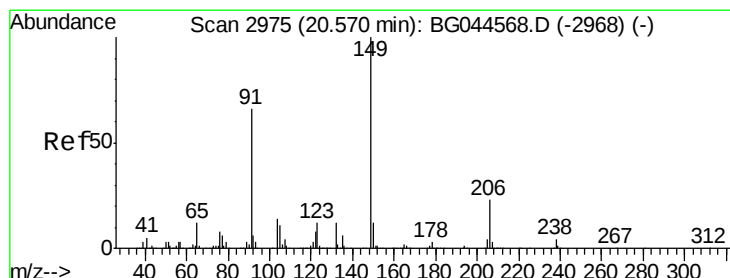
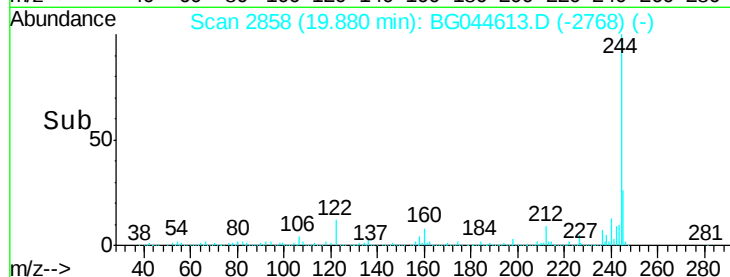
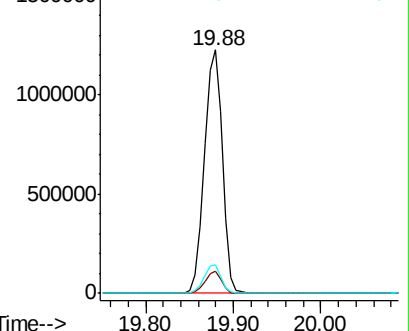
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.922 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044613.D

Acq: 26 Feb 2020 21:23

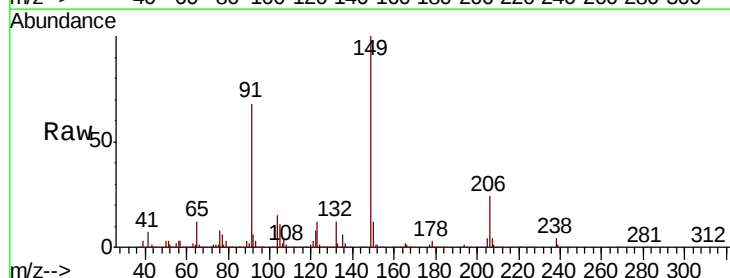
Tgt Ion:149 Resp: 526092

Ion Ratio Lower Upper

149 100

91 68.1 52.7 79.1

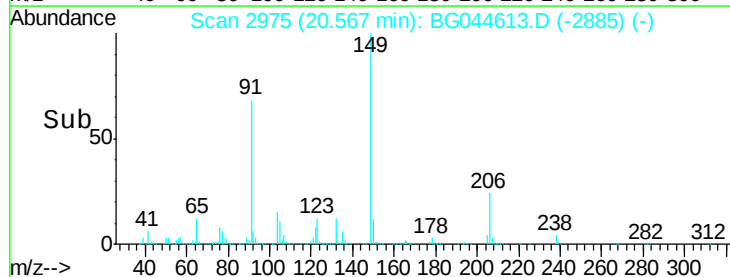
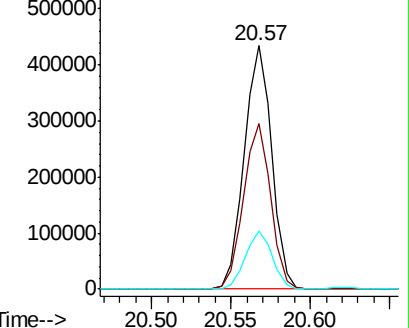
206 24.0 18.6 28.0

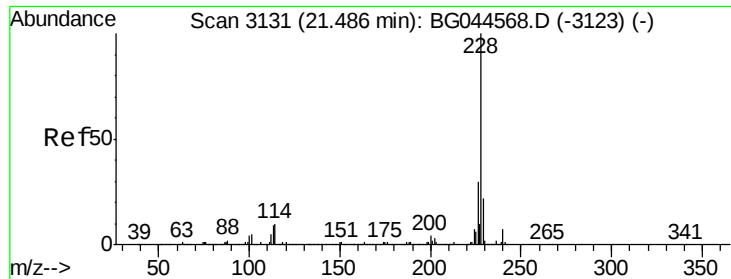


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





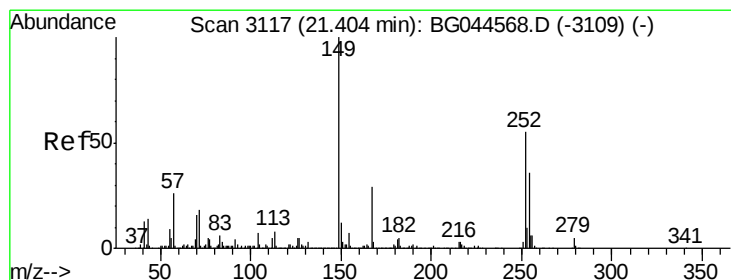
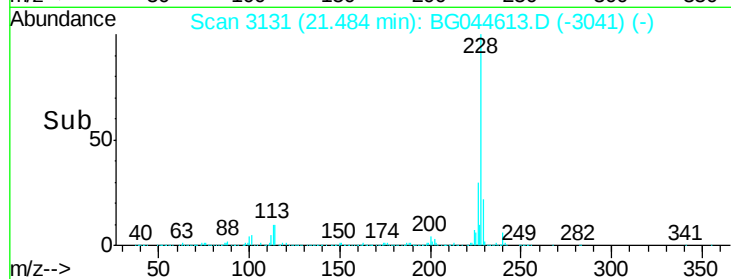
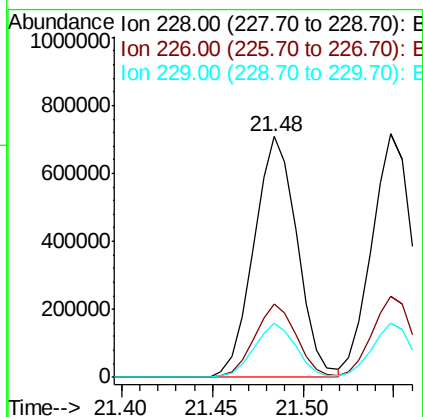
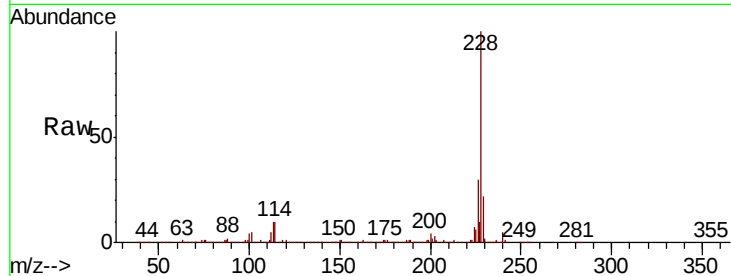
#81
Benzo(a)anthracene
Concen: 40.275 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	22.3	17.2	25.8

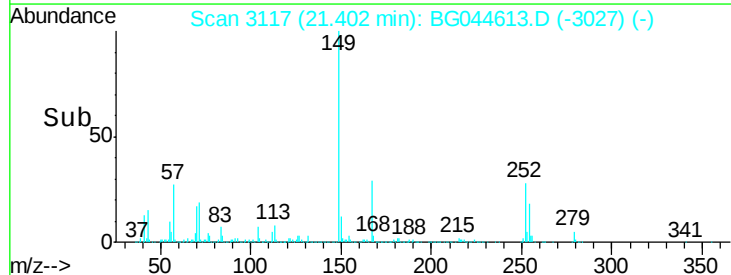
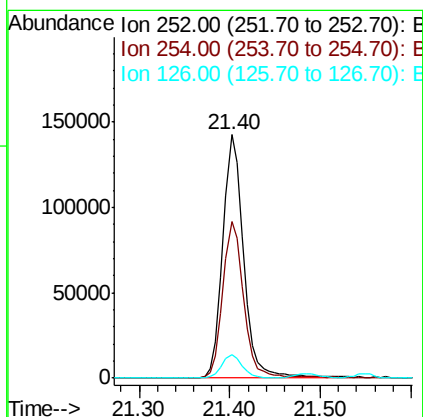
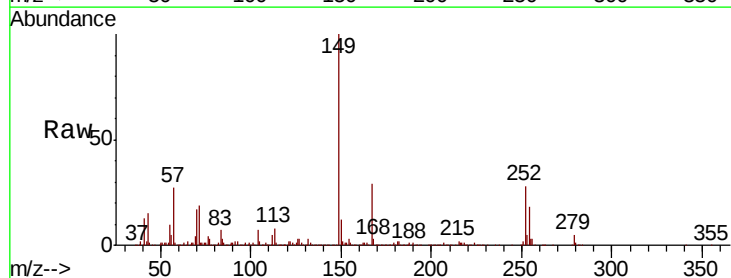
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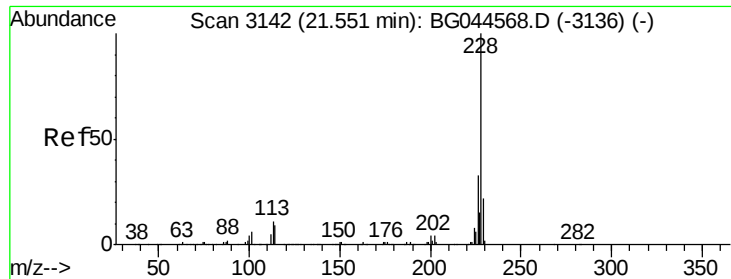
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.748 ng
RT: 21.40 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	9.7	7.8	11.6





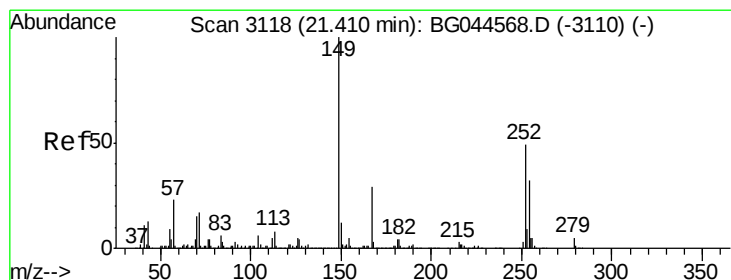
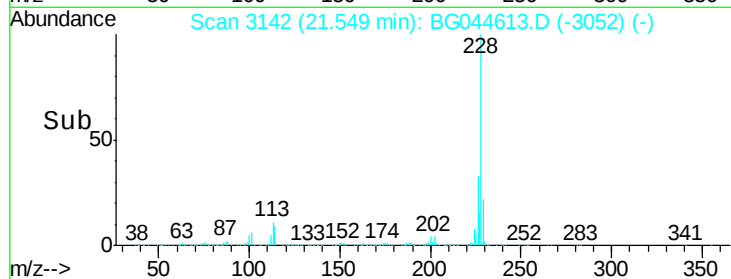
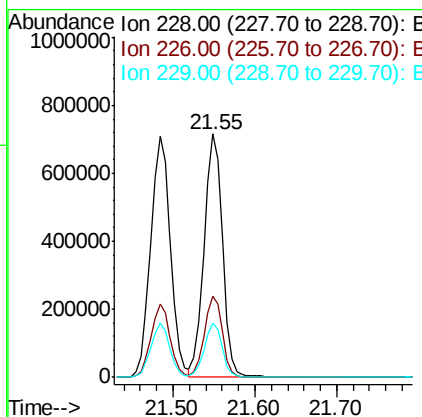
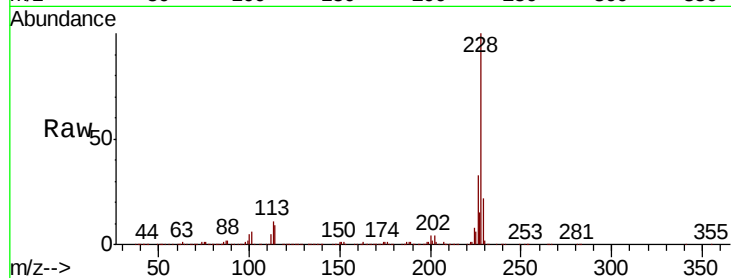
#83
Chrysene
Concen: 39.645 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.1	39.1
229	22.3	17.2	25.8

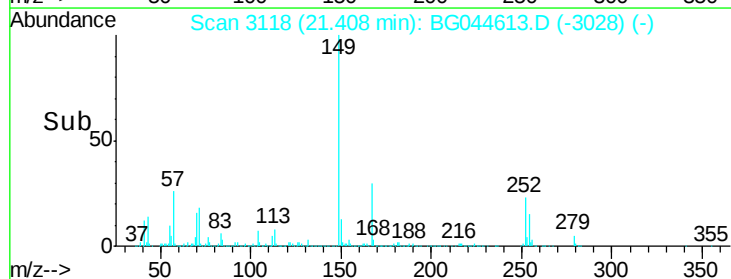
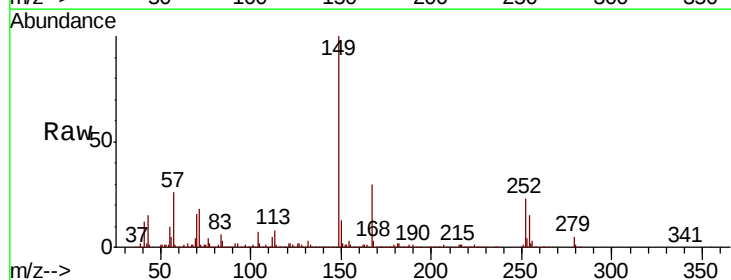
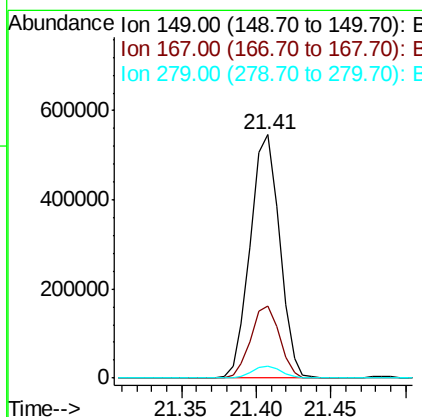
Manual Integrations
APPROVED

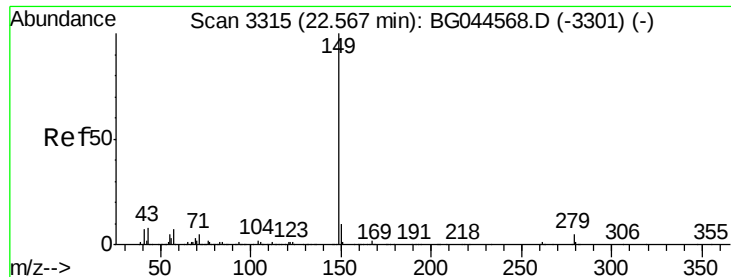
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.892 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.0
279	5.2	4.2	6.4





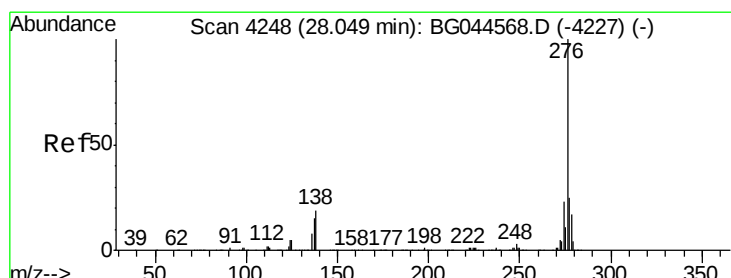
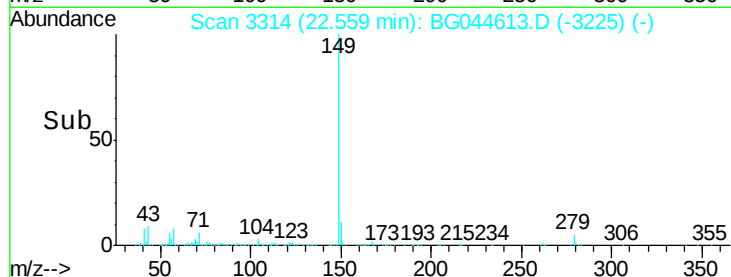
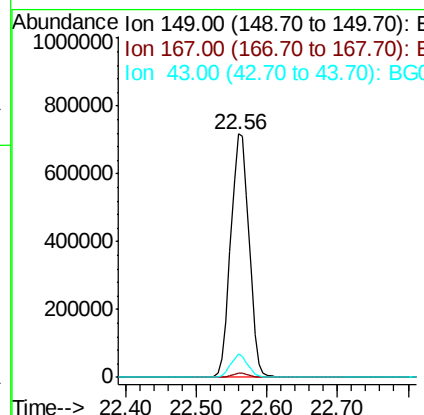
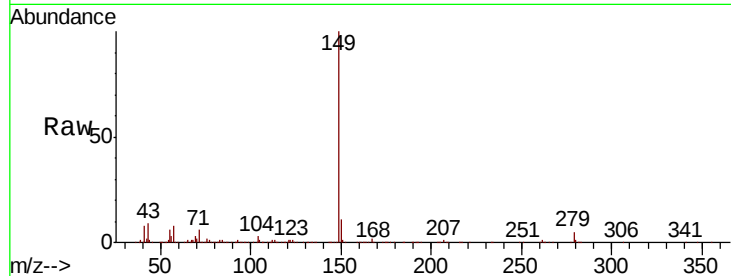
#85
Di-n-octyl phthalate
Concen: 40.443 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	6.6	10.0

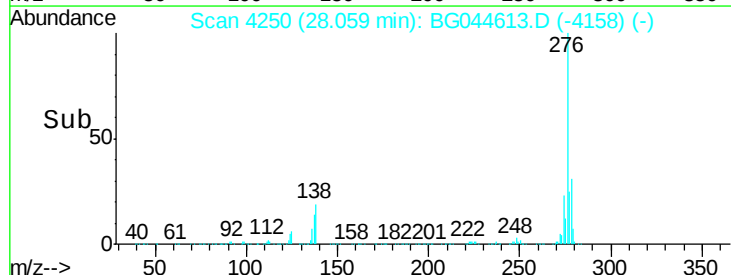
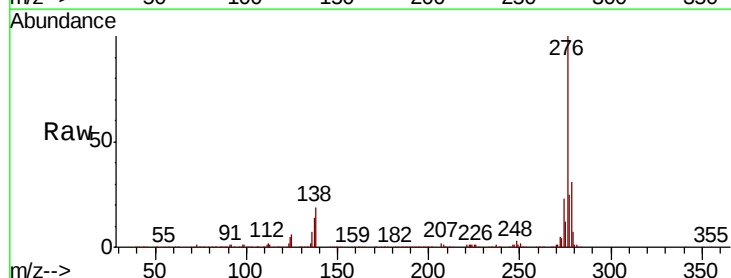
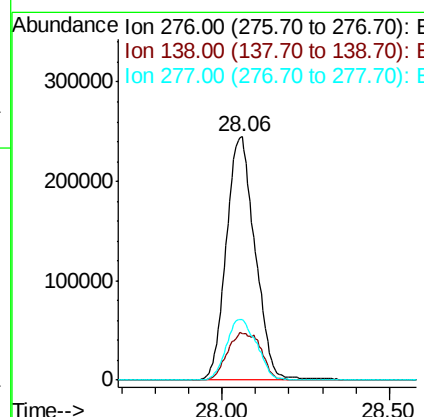
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.526 ng
RT: 28.06 min Scan# 4250
Delta R.T. 0.01 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.2	27.4
277	26.2	20.7	31.1





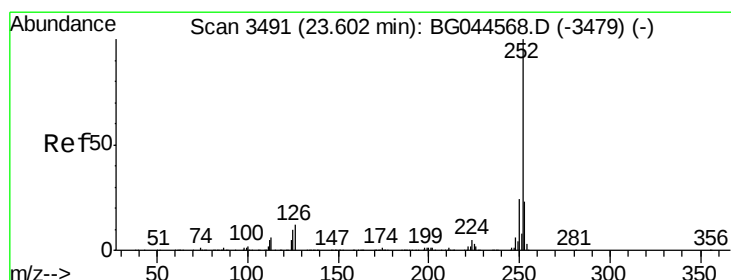
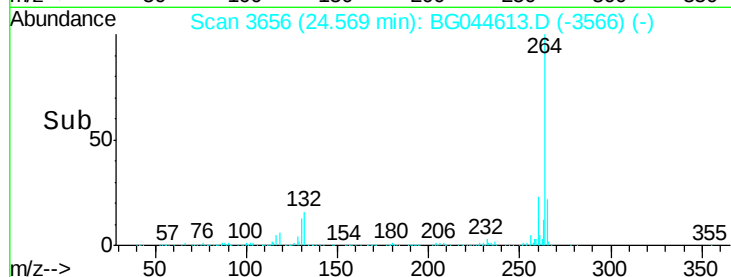
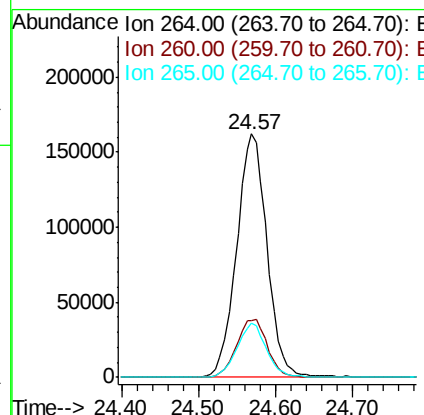
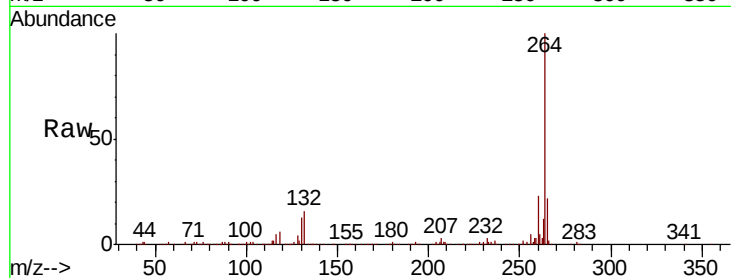
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	22.3	17.8	26.8

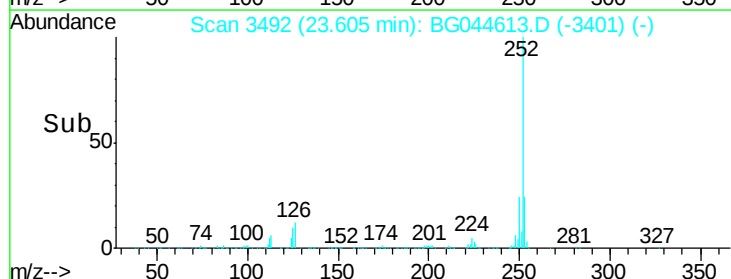
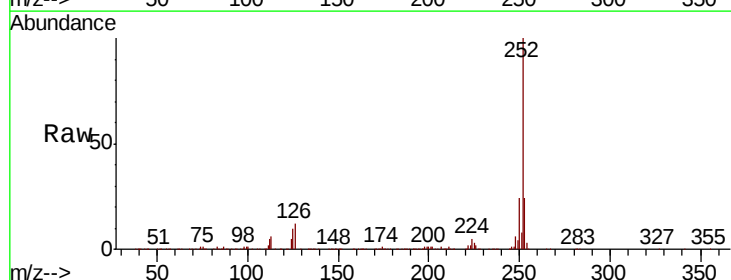
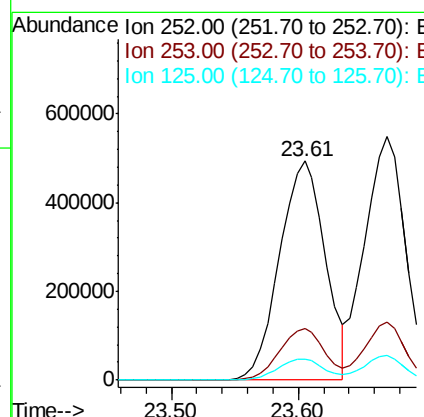
Manual Integrations
APPROVED

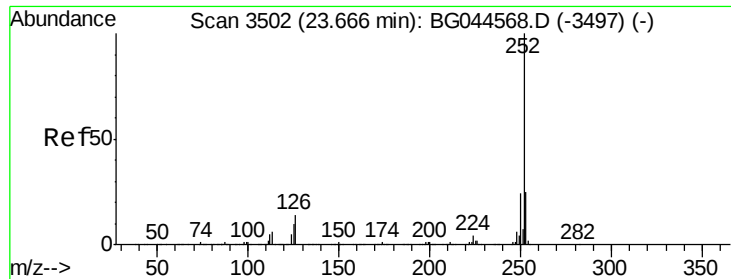
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.224 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	9.8	7.9	11.9





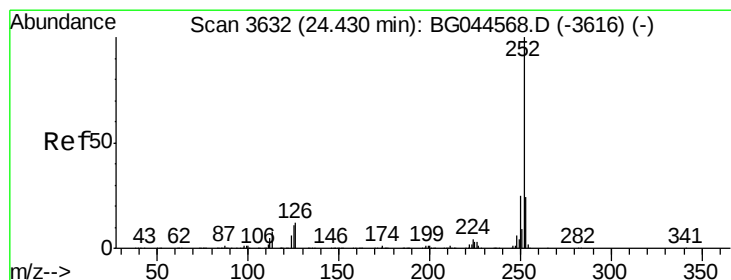
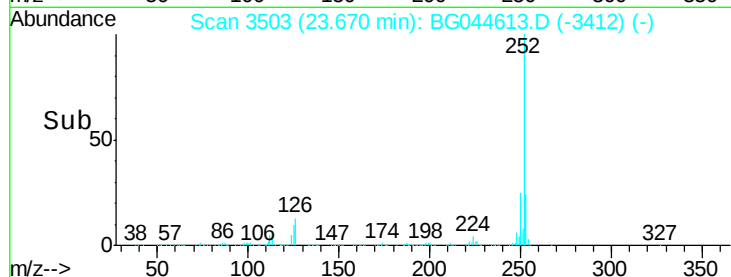
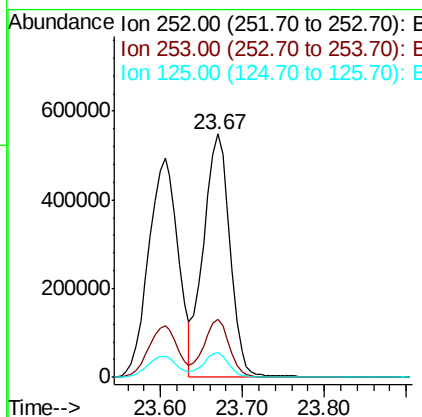
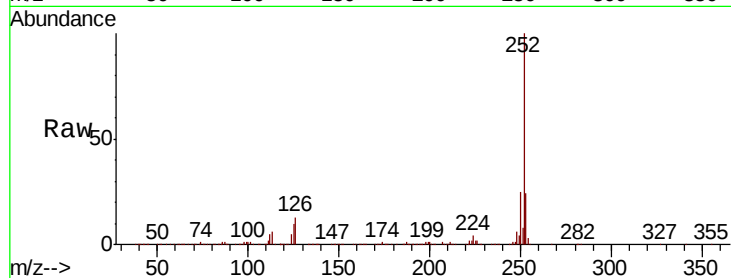
#89
Benzo(k)fluoranthene
Concen: 43.275 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	10.0	7.8	11.8

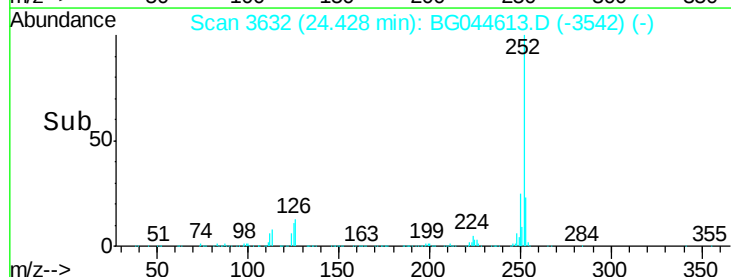
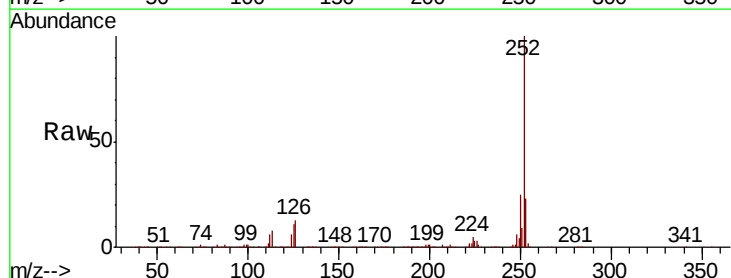
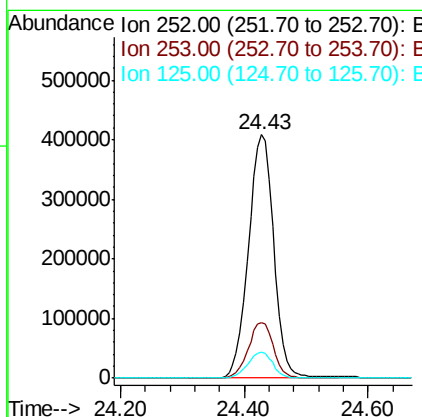
Manual Integrations
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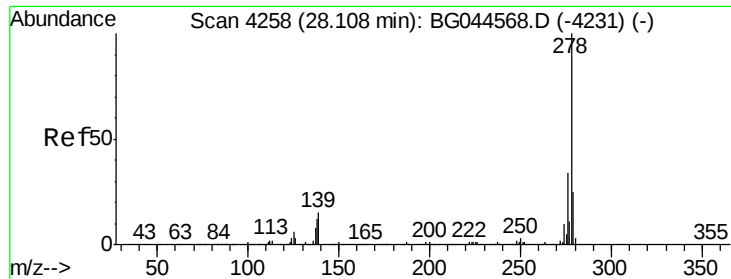
mohammad
2/27/2020 4:59:03 PM



#90
Benzo(a)pyrene
Concen: 42.033 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	10.5	8.5	12.7





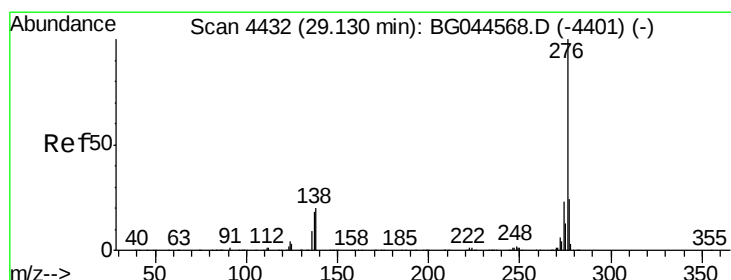
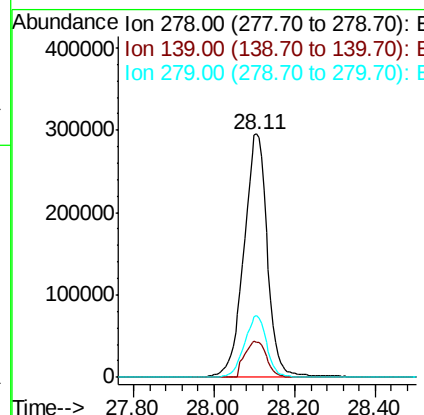
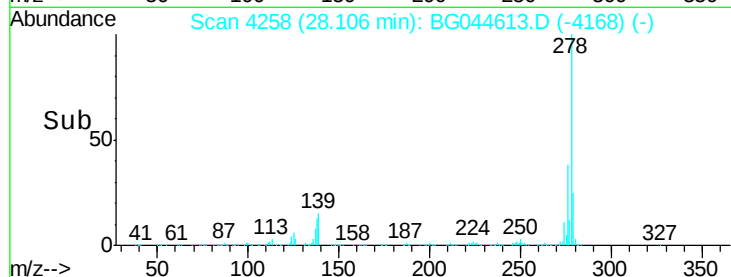
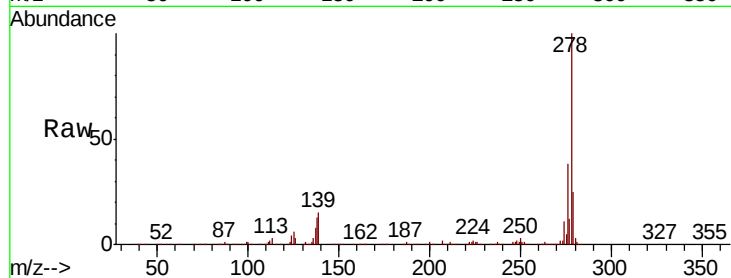
#91
Dibenzo(a,h)anthracene
Concen: 44.144 ng
RT: 28.11 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	25.4	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/27/2020 4:59:03 PM



#92
Benzo(g,h,i)perylene
Concen: 45.006 ng
RT: 29.13 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG044613.D
Acq: 26 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	19.5	16.1	24.1

