

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
 Data File : BG044919.D
 Acq On : 20 Mar 2020 14:36
 Operator : CG/JU
 Sample : PB127702BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Manual Integrations
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mohammad
 3/23/2020 9:39:38 AM

Quant Time: Mar 21 01:29:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82186	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	326165	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	225061	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	524078	20.00	ng	0.00
76) Chrysene-d12	21.70	240	487481	20.00	ng	0.00
87) Perylene-d12	24.90	264	545966	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	622388	117.89	ng	0.00
7) Phenol-d6	7.21	99	878150	114.48	ng	0.00
23) Nitrobenzene-d5	9.20	82	488702	65.75	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	369838	125.50	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1041576	66.27	ng	0.00
79) Terphenyl-d14	20.03	244	1706996	65.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	90417	35.564	ng	98
3) Pyridine	3.90	79	222872	29.612	ng	97
4) n-Nitrosodimethylamine	3.82	42	110451	38.678	ng	89
6) Aniline	7.36	93	295860	30.997	ng	95
8) 2-Chlorophenol	7.61	128	231477	43.921	ng	95
9) Benzaldehyde	7.17	77	101022	18.070	ng	95
10) Phenol	7.23	94	320880	42.253	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	232239	38.318	ng	98
12) 1,3-Dichlorobenzene	7.93	146	249878	38.489	ng	99
13) 1,4-Dichlorobenzene	8.08	146	255880	39.866	ng	97
14) 1,2-Dichlorobenzene	8.40	146	241949	39.747	ng	98
15) Benzyl Alcohol	8.28	79	245177	39.836	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	334057	31.233	ng	98
17) 2-Methylphenol	8.48	107	216711	42.127	ng	97
18) Hexachloroethane	9.13	117	98212	38.866	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	190500	35.171	ng	96
20) 3+4-Methylphenols	8.81	107	305260	43.047	ng	97
22) Acetophenone	8.86	105	349491	37.823	ng	99
24) Nitrobenzene	9.24	77	297975	38.636	ng	97
25) Isophorone	9.77	82	536008	36.949	ng	# 97
26) 2-Nitrophenol	9.96	139	128770	48.082	ng	97
27) 2,4-Dimethylphenol	10.02	122	223461	47.302	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	306728	35.430	ng	98
29) 2,4-Dichlorophenol	10.50	162	243336	44.099	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	260180	39.434	ng	98
31) Naphthalene	10.90	128	707883	39.179	ng	98
32) Benzoic acid	10.16	122	137929	39.598	ng	99
33) 4-Chloroaniline	11.00	127	186698	22.935	ng	98
34) Hexachlorobutadiene	11.20	225	170475	39.290	ng	98
35) Caprolactam	11.76	113	89556m	42.867	ng	
36) 4-Chloro-3-methylphenol	12.12	107	274169	41.661	ng	97
37) 2-Methylnaphthalene	12.51	142	529594	39.184	ng	99
38) 1-Methylnaphthalene	12.72	142	501910	39.501	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	285688	38.544	ng	98

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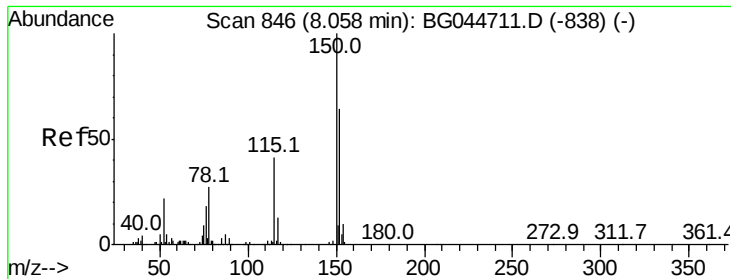
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	383216	94.606	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	211816	43.061	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	221128	43.348	nq	96
46) 1,1'-Biphenyl	13.51	154	663647	36.900	nq	99
47) 2-Chloronaphthalene	13.55	162	514382	37.439	nq	97
48) 2-Nitroaniline	13.75	65	185414	38.548	nq	98
49) Acenaphthylene	14.40	152	859039	39.910	nq	98
50) Dimethylphthalate	14.13	163	689689	38.476	nq	99
51) 2,6-Dinitrotoluene	14.24	165	159722	44.206	nq	95
52) Acenaphthene	14.74	154	606405	43.018	nq	99
53) 3-Nitroaniline	14.57	138	117177	28.208	nq	98
54) 2,4-Dinitrophenol	14.77	184	174042	90.913	nq	91
55) Dibenzofuran	15.07	168	811376	39.692	nq	99
56) 4-Nitrophenol	14.88	139	293874	92.697	nq	95
57) 2,4-Dinitrotoluene	15.03	165	220368	44.471	nq	95
58) Fluorene	15.73	166	675414	40.166	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	214951	45.768	nq	94
60) Diethylphthalate	15.50	149	712878	38.131	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	363177	40.110	nq	97
62) 4-Nitroaniline	15.73	138	161632	36.490	nq	99
63) Azobenzene	16.01	77	701722	36.144	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123832	49.855	nq	96
66) n-Nitrosodiphenylamine	15.93	169	601123	38.098	nq	100
67) 4-Bromophenyl-phenylether	16.61	248	251960	38.457	nq	95
68) Hexachlorobenzene	16.74	284	270638	38.076	nq	97
69) Atrazine	16.88	200	261658	45.263	nq	98
70) Pentachlorophenol	17.07	266	348542	89.121	nq	99
71) Phenanthrene	17.46	178	1096167	39.141	nq	99
72) Anthracene	17.56	178	1110303	40.206	nq	99
73) Carbazole	17.82	167	1047967	39.506	nq	99
74) Di-n-butylphthalate	18.39	149	1235912	38.328	nq	100
75) Fluoranthene	19.47	202	1379804	41.379	nq	100
77) Benzidine	19.64	184	536667	33.911	nq	99
78) Pyrene	19.83	202	1372023	38.362	nq	99
80) Butylbenzylphthalate	20.72	149	582365	36.601	nq	97
81) Benzo(a)anthracene	21.67	228	1349193	38.436	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	438141	32.264	nq	98
83) Chrysene	21.74	228	1278617	38.133	nq	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	801355	36.493	nq	98
85) Di-n-octyl phthalate	22.81	149	1403378	38.191	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1727375	39.295	nq	99
88) Benzo(b)fluoranthene	23.89	252	1447372	40.156	nq	100
89) Benzo(k)fluoranthene	23.95	252	1398894	41.012	nq	100
90) Benzo(a)pyrene	24.75	252	1341942	39.789	nq	97
91) Dibenzo(a,h)anthracene	28.61	278	1396695	41.977	nq	98
92) Benzo(g,h,i)perylene	29.69	276	1437691	42.768	nq	95

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



#1

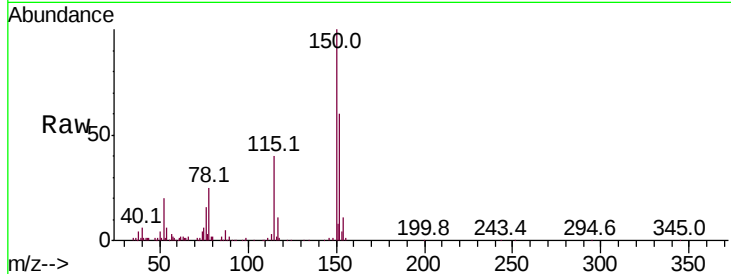
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	168.0	128.8	193.2
115	67.1	52.6	79.0

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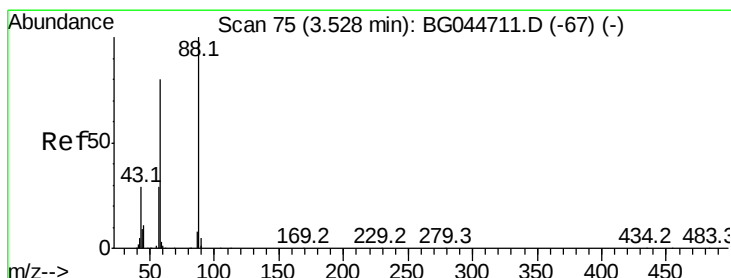
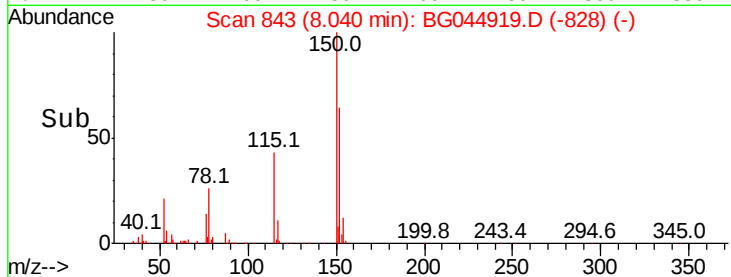
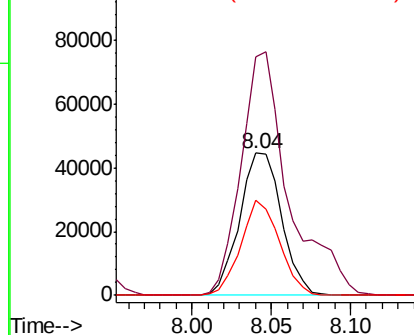


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

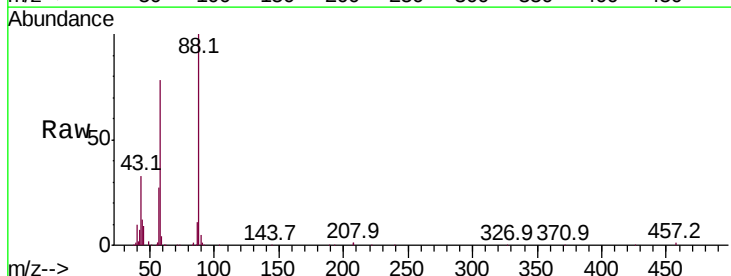
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.564 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	63.0	94.4
43	28.5	24.8	37.2

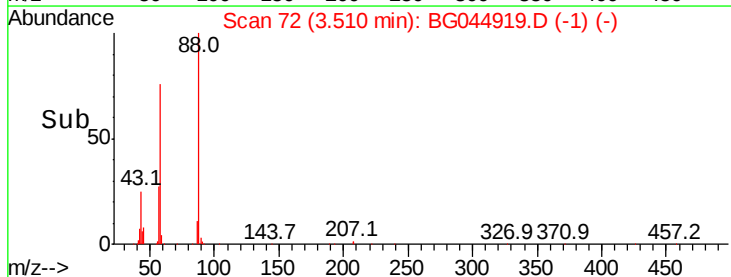
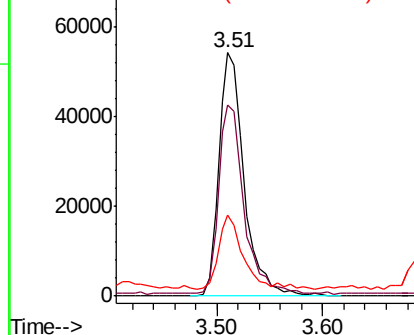


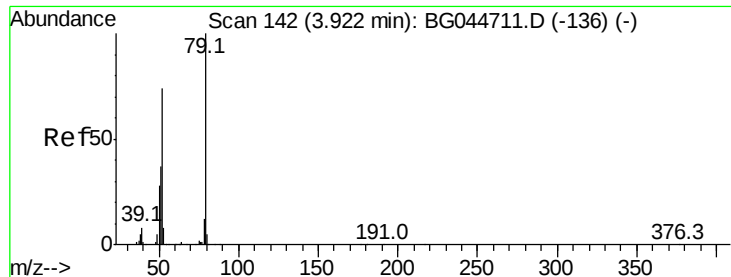
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.612 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

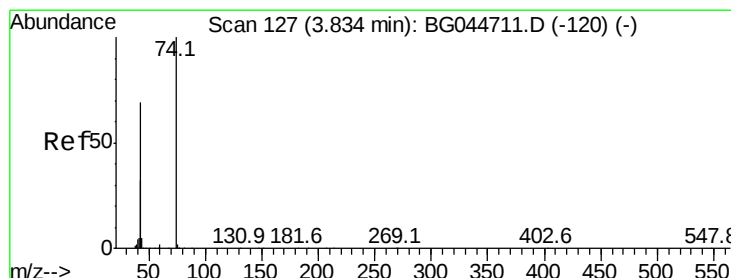
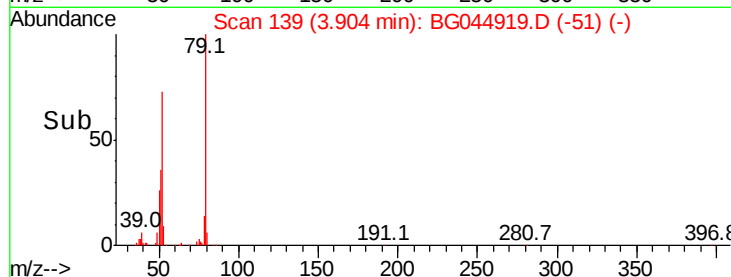
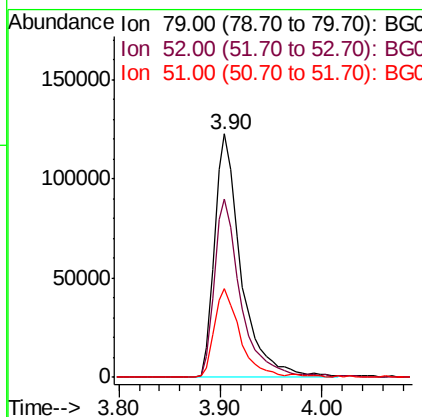
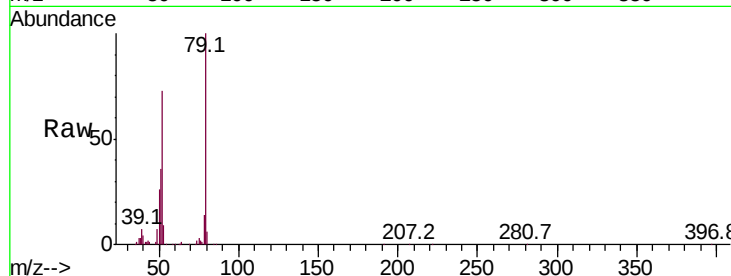
ClientSampleId :

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Tot Ion:	79	Resp:	222872
Ion Ratio	Lower	Upper	
79	100		
52	73.4	56.3	84.5
51	36.3	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 38.678 ng

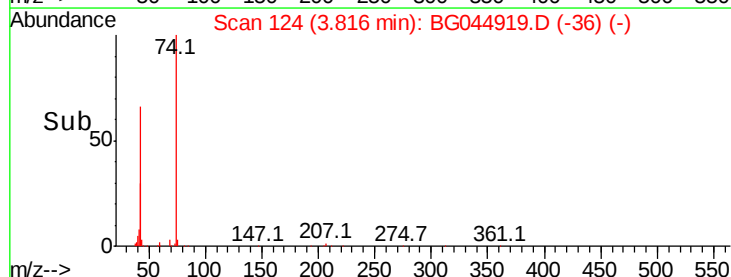
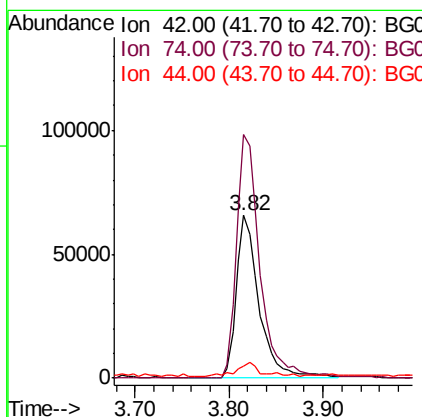
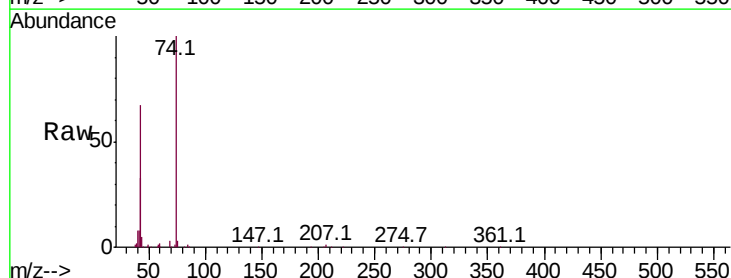
RT: 3.82 min Scan# 124

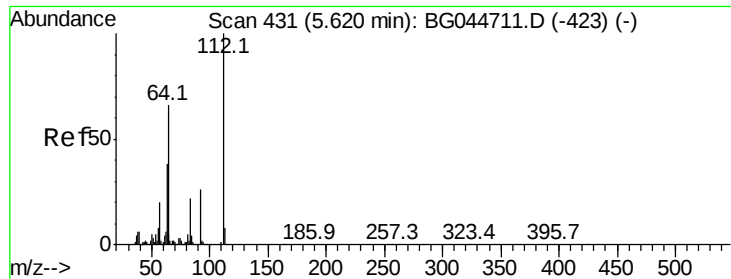
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	42	Resp:	110451
Ion Ratio	Lower	Upper	
42	100		
74	149.9	109.1	163.7
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 117.887 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

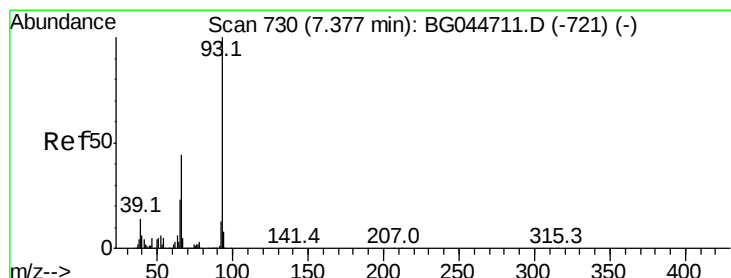
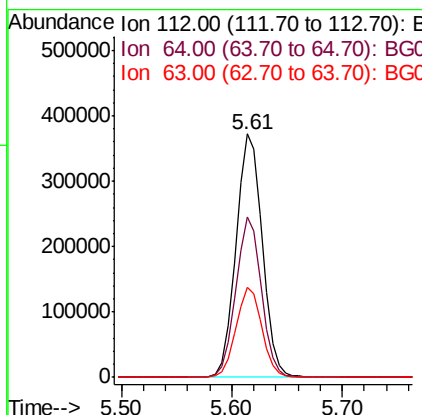
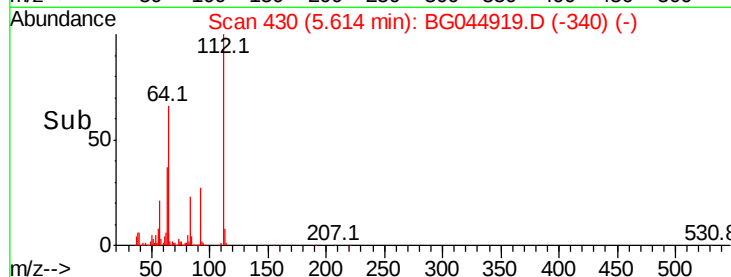
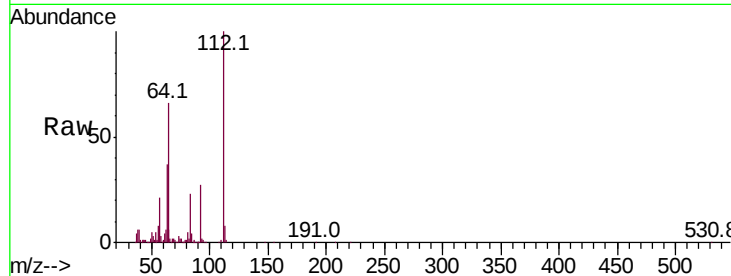
ClientSampleId :

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Tot Ion:	112	Resp:	622388
Ion Ratio	Lower	Upper	
112	100		
64	65.9	53.4	80.2
63	36.9	29.4	44.2

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#6

Aniline

Concen: 30.997 ng

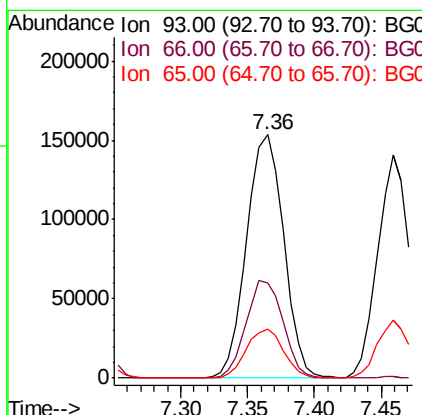
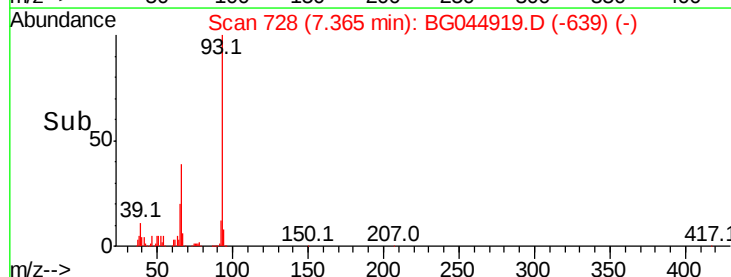
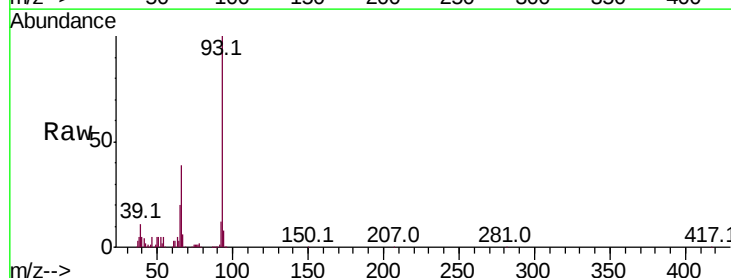
RT: 7.36 min Scan# 728

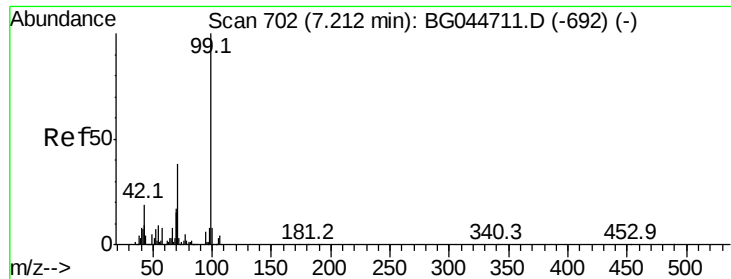
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	93	Resp:	295860
Ion Ratio	Lower	Upper	
93	100		
66	38.9	33.7	50.5
65	20.3	17.7	26.5





#7

Phenol-d6

Concen: 114.480 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

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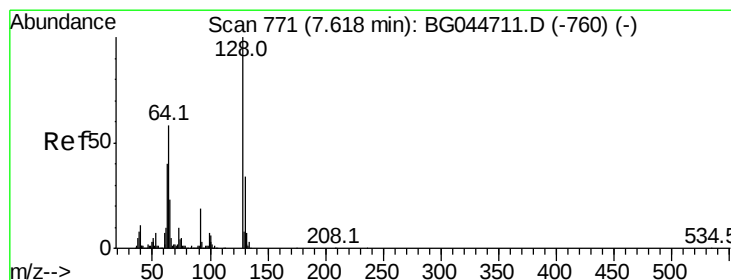
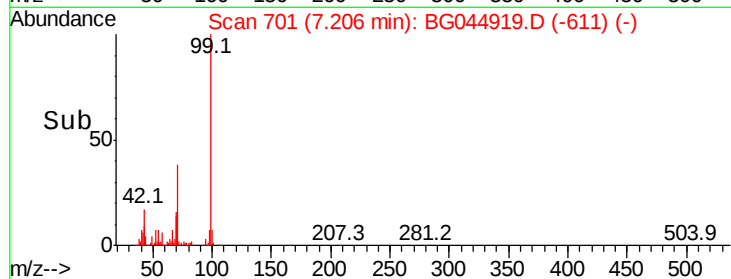
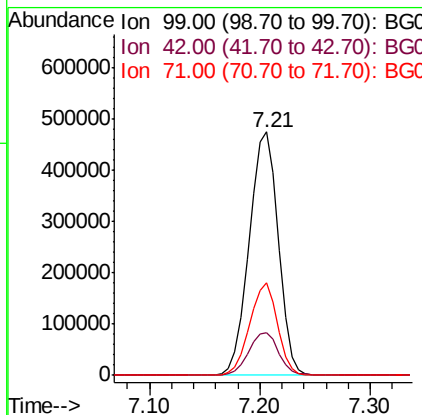
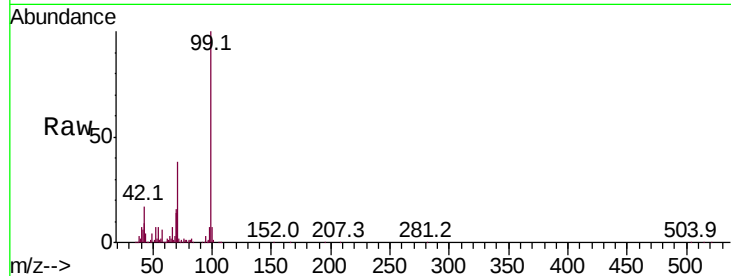
ClientSampleId :

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Tot Ion:	99	Resp:	878150
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.6	19.0
71	37.8	29.0	43.4

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#8

2-Chlorophenol

Concen: 43.921 ng

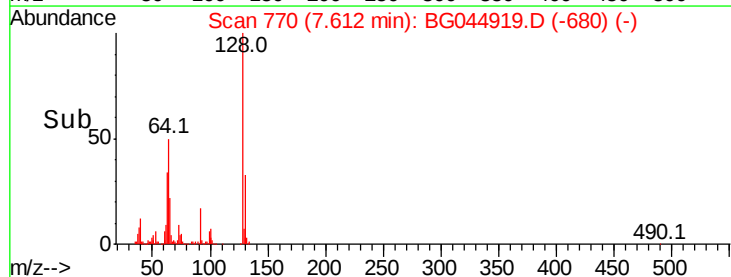
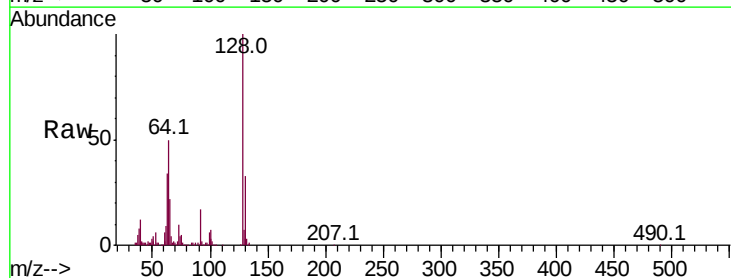
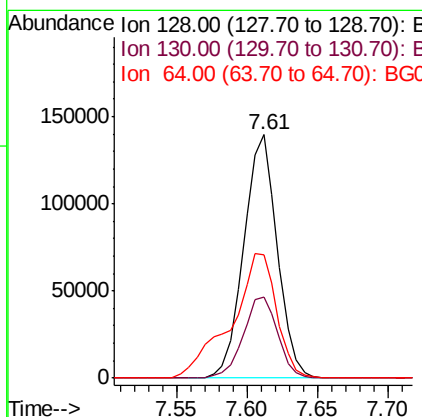
RT: 7.61 min Scan# 770

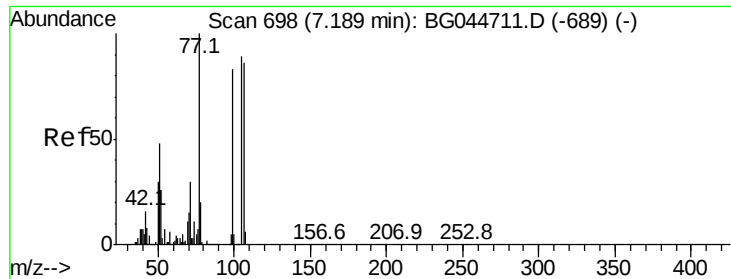
Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	128	Resp:	231477
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.6	51.6
64	50.5	34.5	74.5





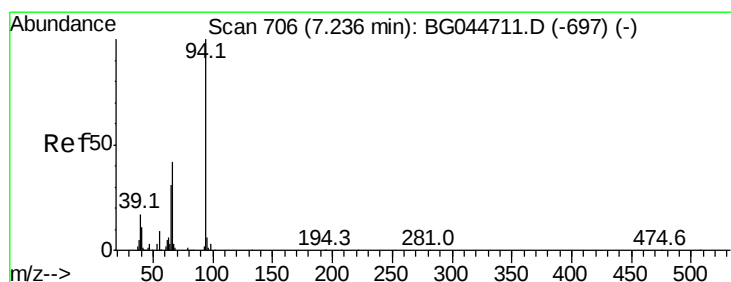
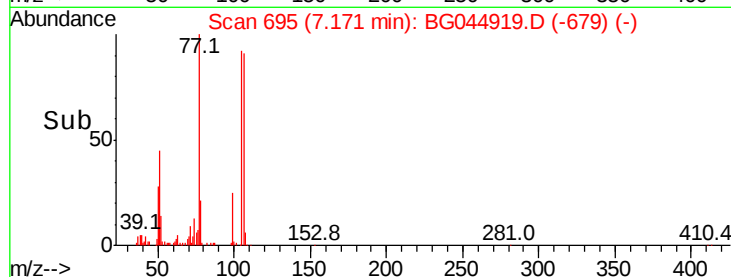
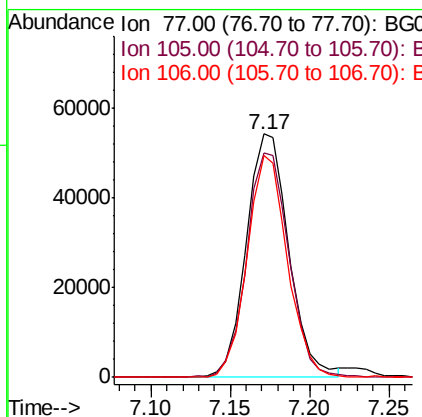
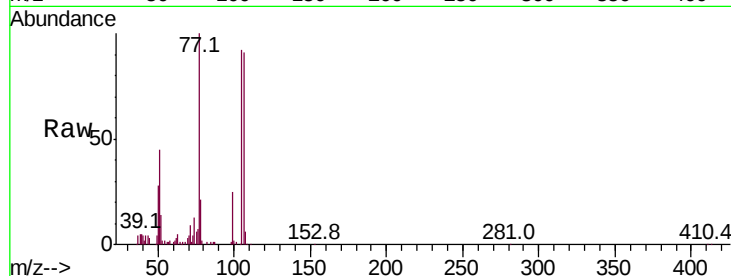
#9
Benzaldehyde
Concen: 18.070 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	92.1	69.3	109.3		
106	91.2	64.5	104.5		

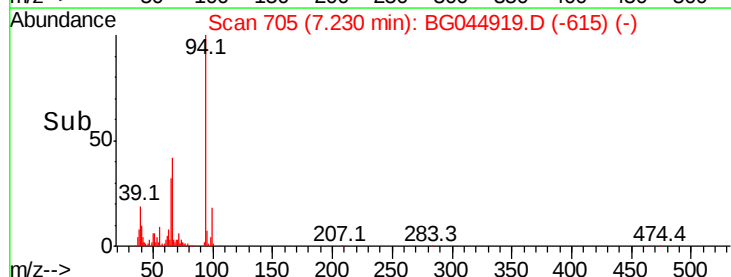
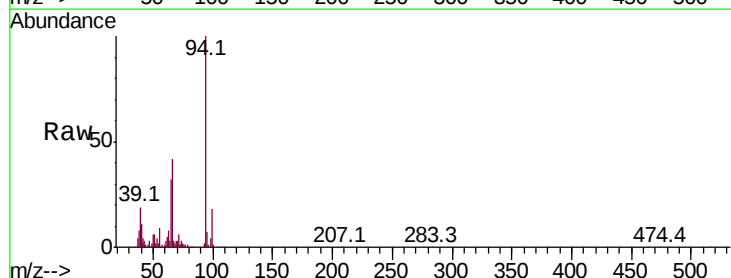
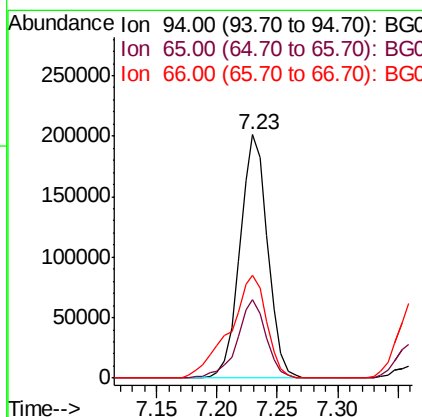
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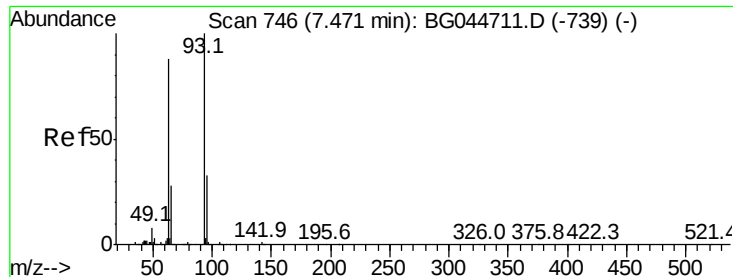
mohammad
3/23/2020 9:39:38 AM



#10
Phenol
Concen: 42.253 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.1	11.0	51.0		
66	42.4	20.1	60.1		





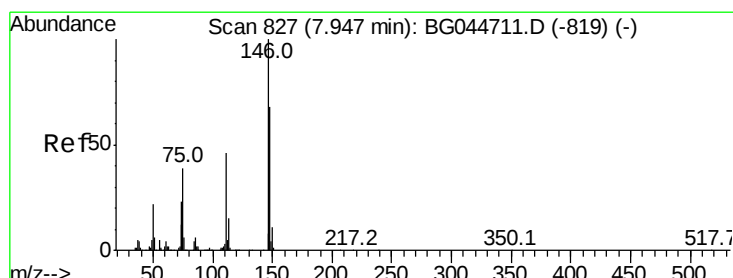
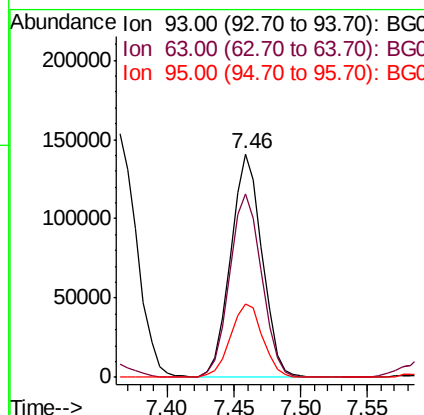
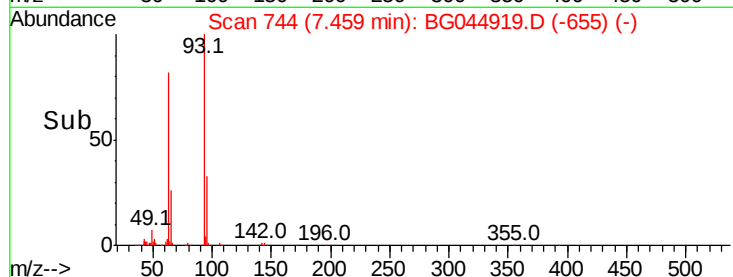
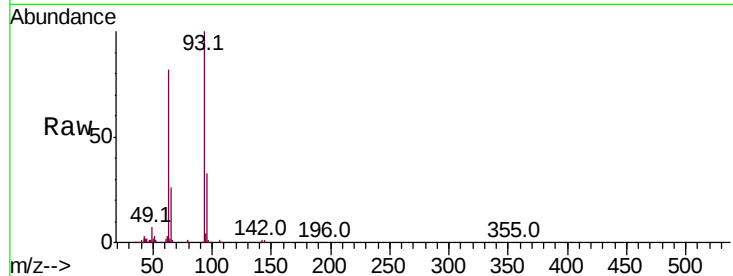
#11
 bis(2-Chloroethyl)ether
 Concen: 38.318 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	59.7	99.7
95	32.8	13.1	53.1

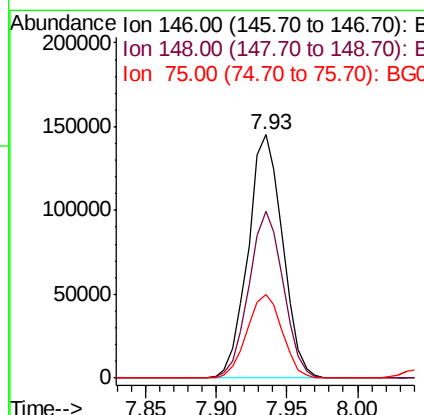
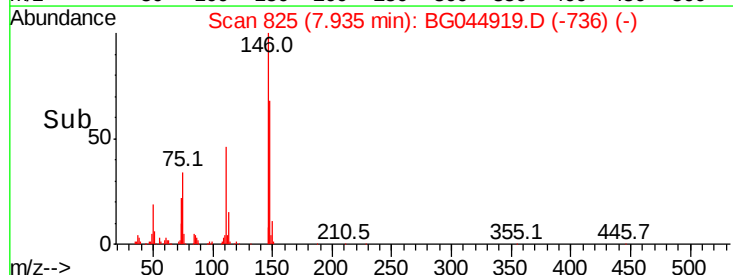
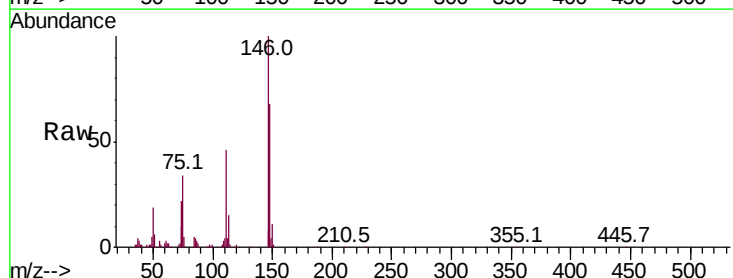
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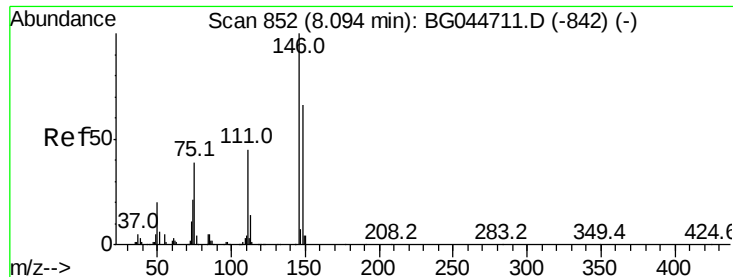
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 38.489 ng
 RT: 7.93 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	54.2	81.4
75	34.4	28.6	42.8





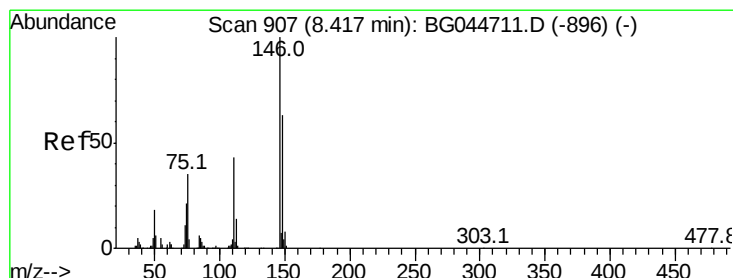
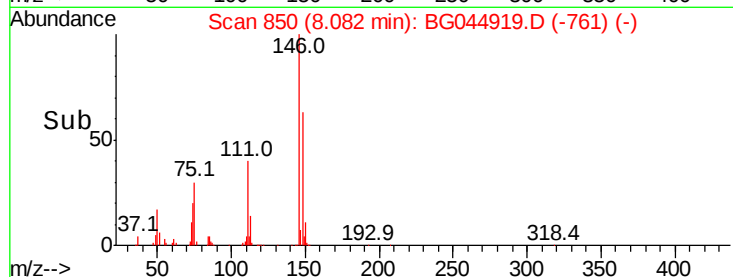
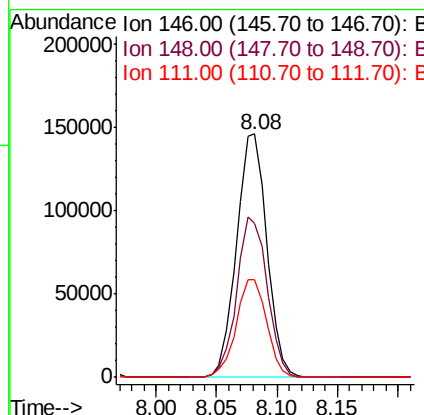
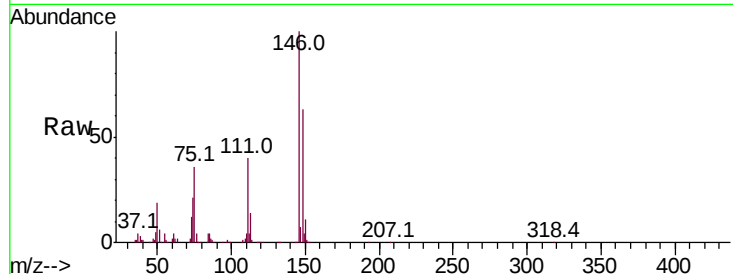
#13
 1,4-Dichlorobenzene
 Concen: 39.866 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.8	80.6
111	40.3	32.0	48.0

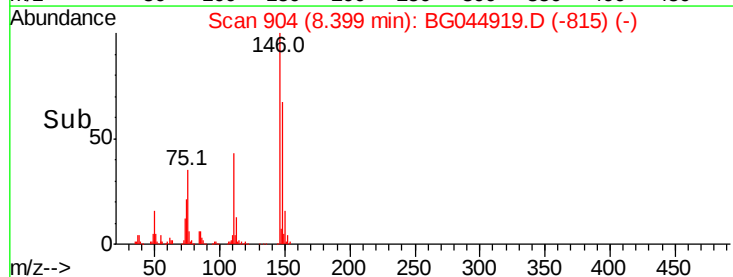
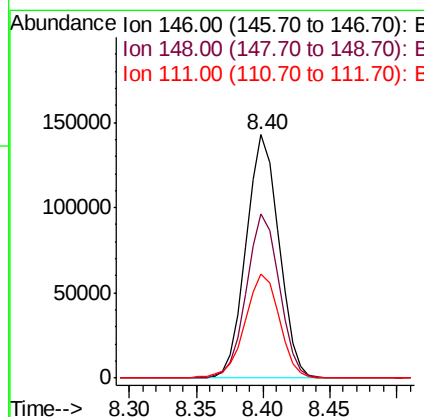
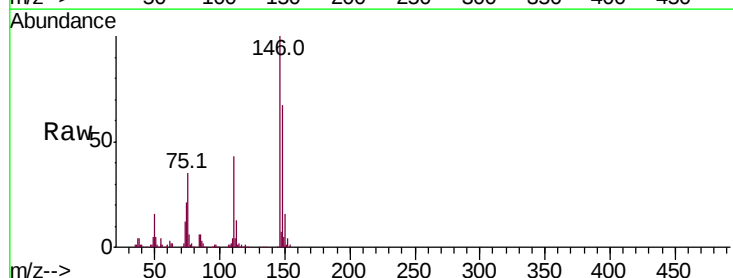
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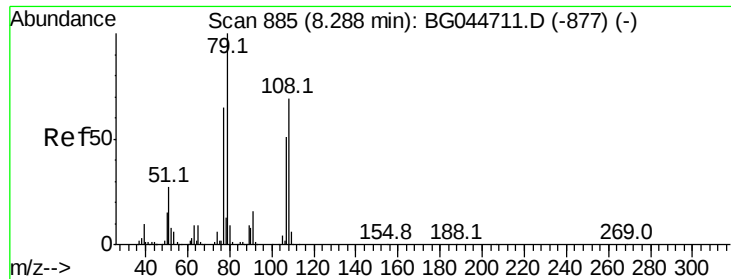
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.747 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	52.1	78.1
111	42.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 39.836 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

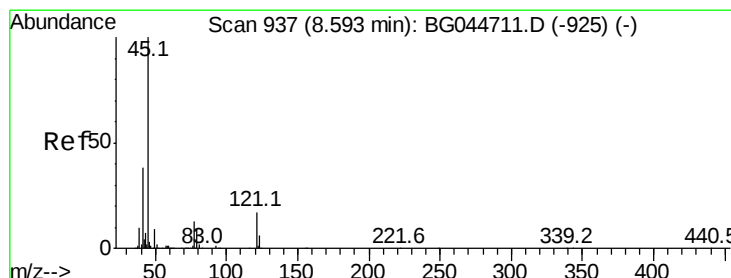
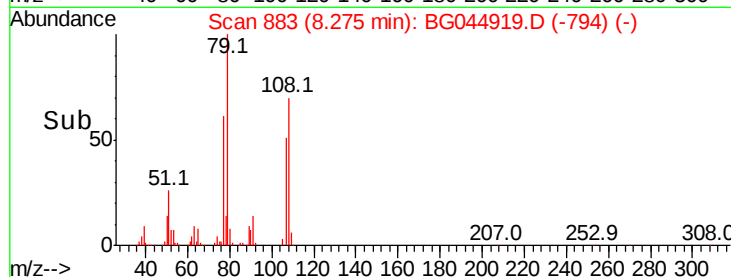
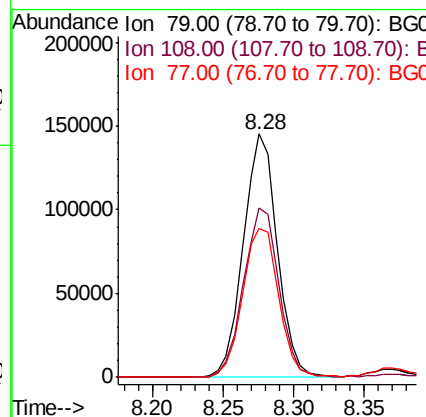
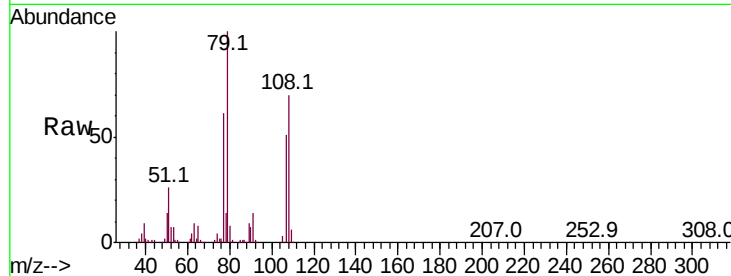
ClientSampleId :

PB127702BSD

Tot Ion:	79	Resp:	245177
Ion Ratio	Lower	Upper	
79	100		
108	69.8	53.8	80.8
77	61.3	47.8	71.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.233 ng

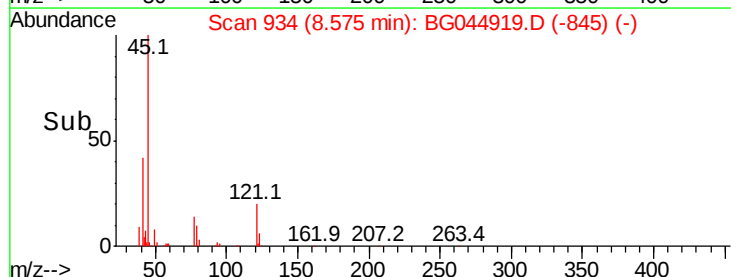
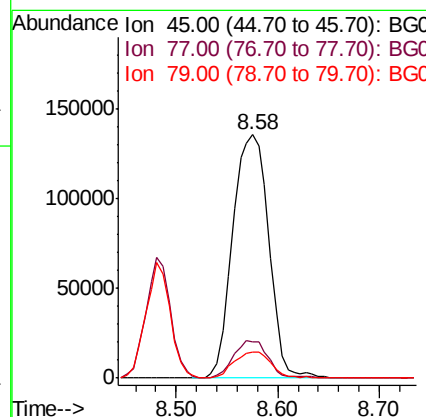
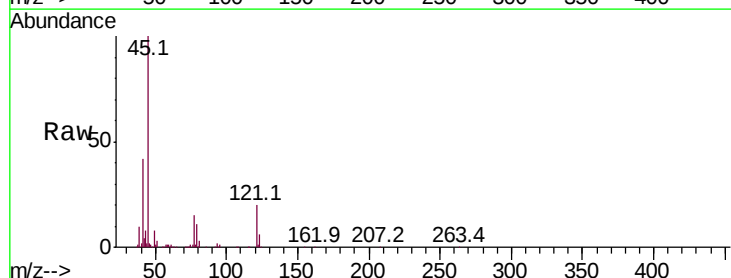
RT: 8.58 min Scan# 934

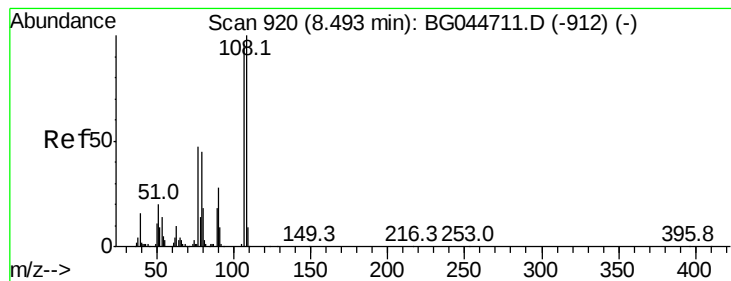
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	45	Resp:	334057
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	33.9
79	10.8	0.0	30.8





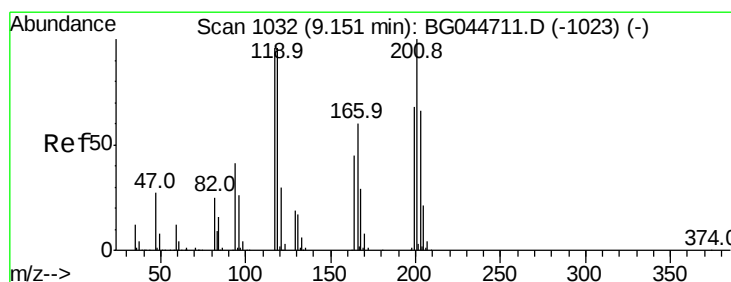
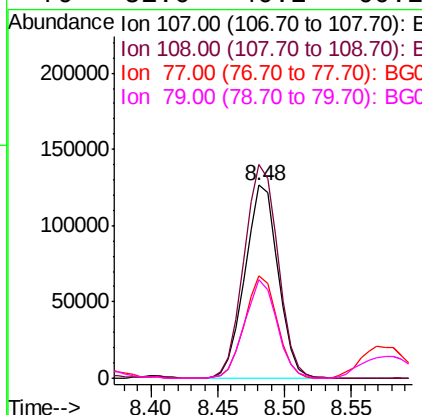
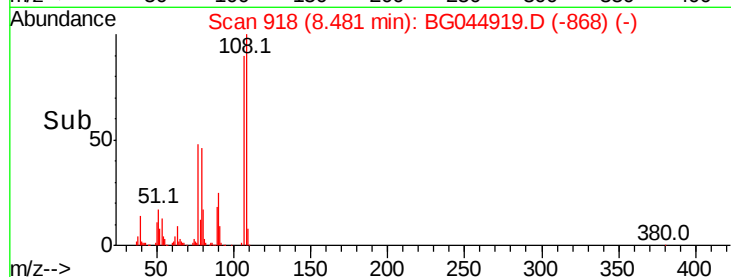
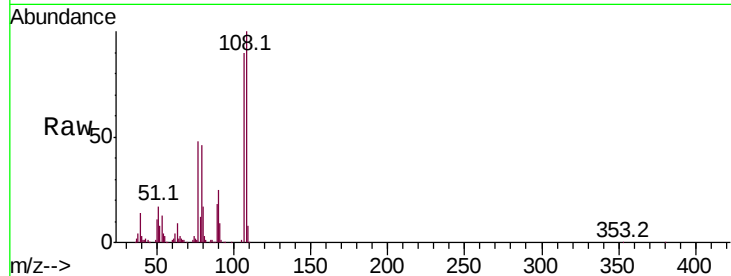
#17
2-Methylphenol
Concen: 42.127 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	91.8	137.8	
77	53.1	40.0	60.0	
79	51.0	40.2	60.2	

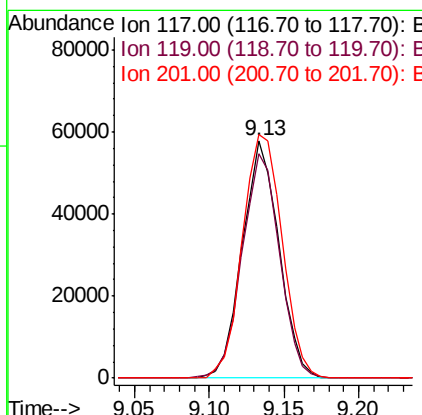
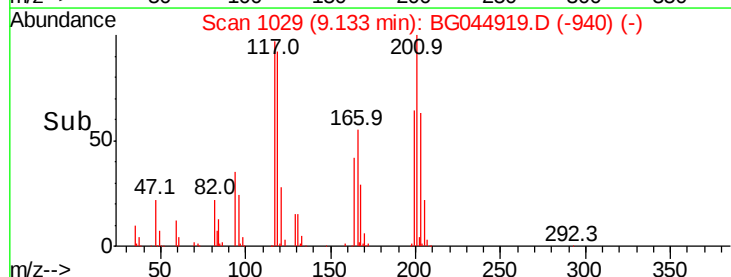
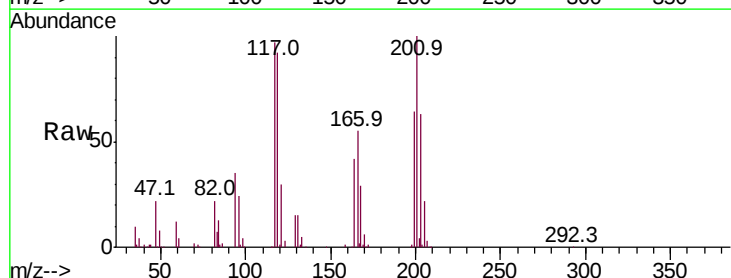
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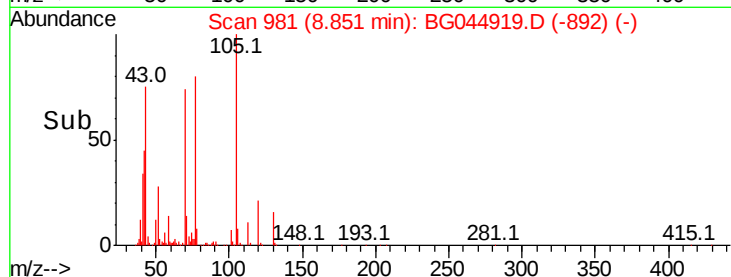
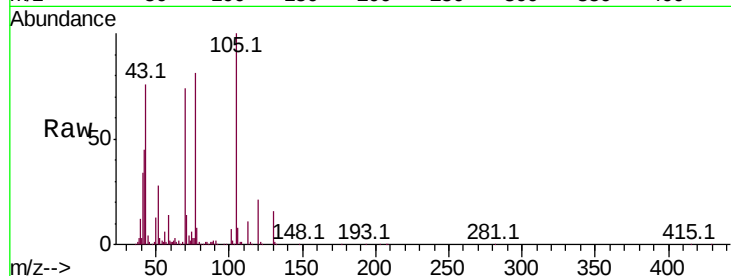
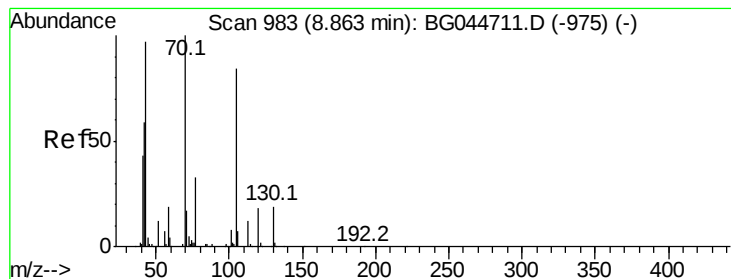
mohammad
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#18
Hexachloroethane
Concen: 38.866 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.2	112.8	
201	102.6	81.1	121.7	





#19

n-Nitroso-di-n-propylamine

Concen: 35.171 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tot Ion: 70 Resp: 190500

Ion Ratio Lower Upper

70 100

42 60.4 45.7 68.5

101 9.4 7.4 11.2

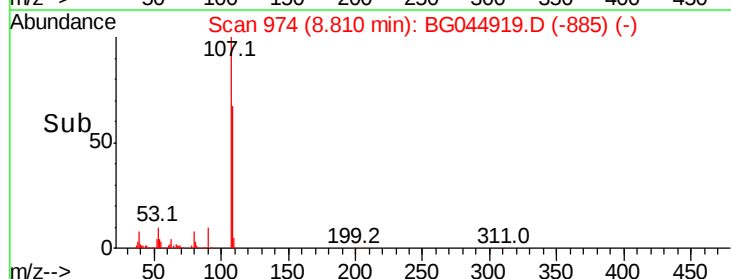
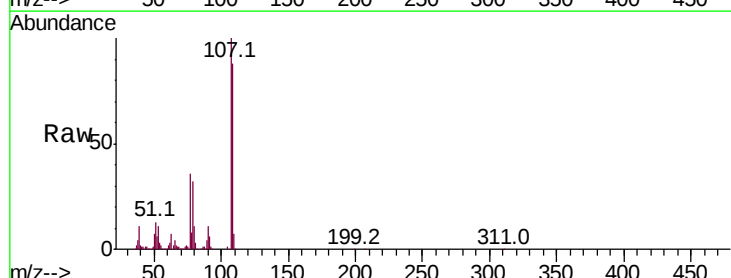
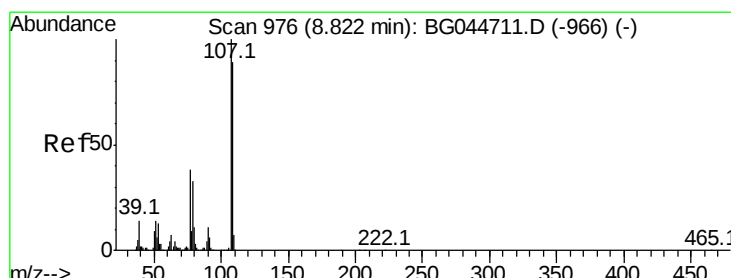
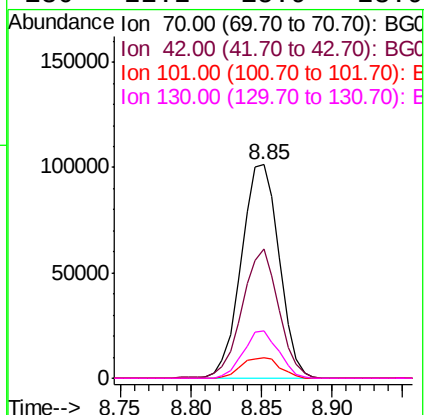
130 22.2 15.9 23.9

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#20

3+4-Methylphenols

Concen: 43.047 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion: 107 Resp: 305260

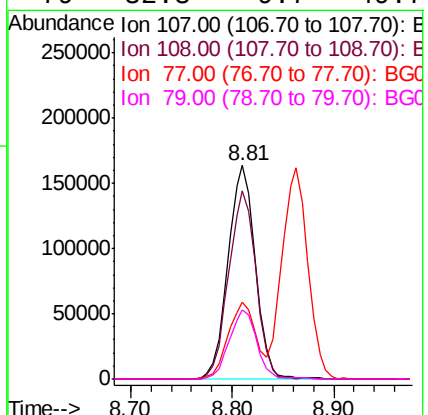
Ion Ratio Lower Upper

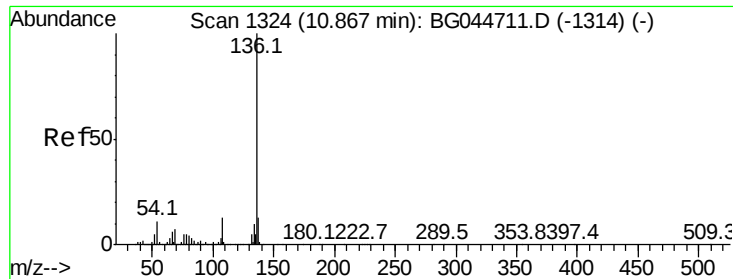
107 100

108 88.2 71.3 111.3

77 35.8 16.9 56.9

79 32.3 9.7 49.7





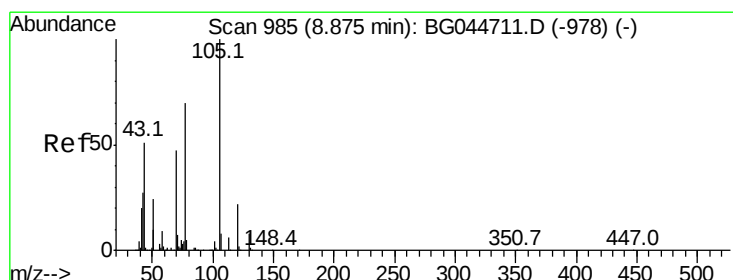
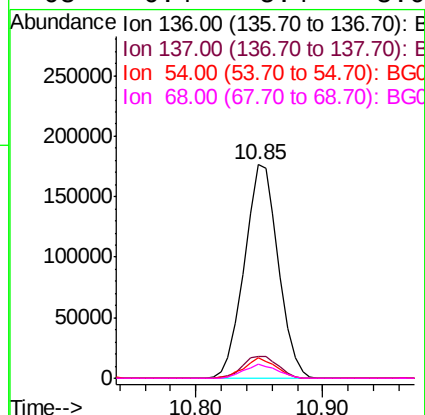
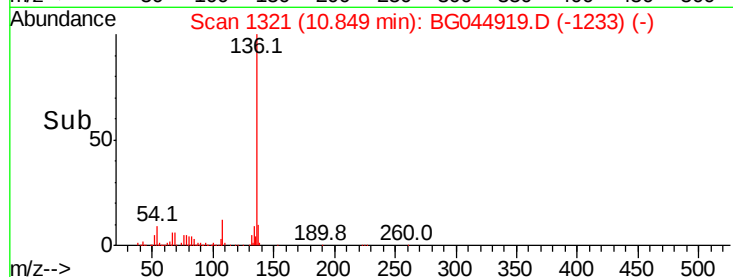
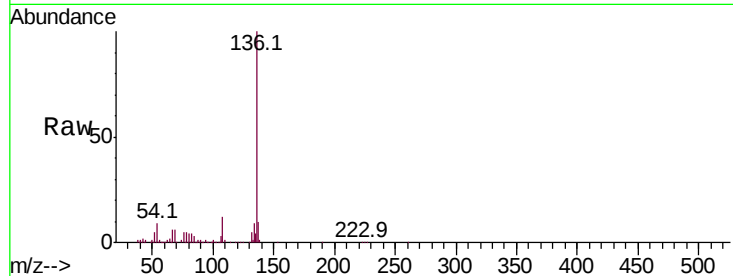
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	326165		
137	10.1		9.8	14.6
54	9.4		7.9	11.9
68	6.4		5.4	8.0

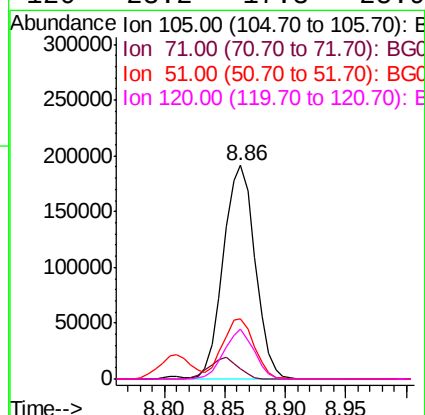
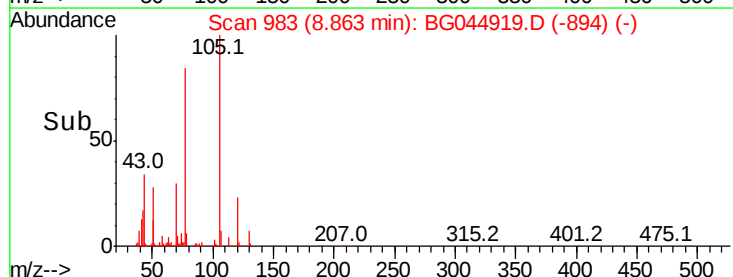
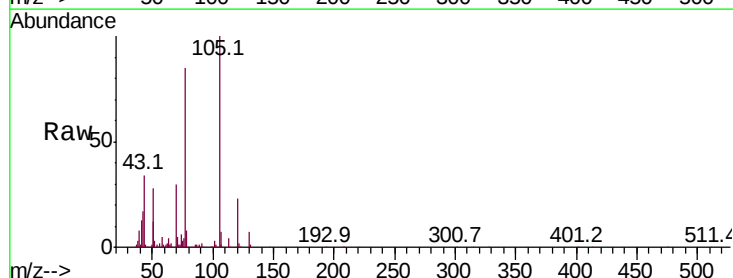
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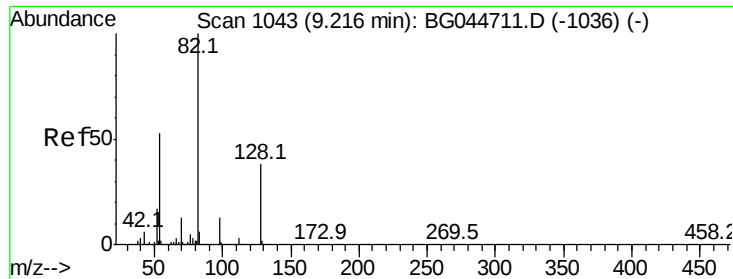
mohammad
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#22
Acetophenone
Concen: 37.823 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	349491		
71	4.7		3.9	5.9
51	28.1		22.6	33.8
120	23.2		17.3	25.9





#23

Nitrobenzene-d5

Concen: 65.749 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

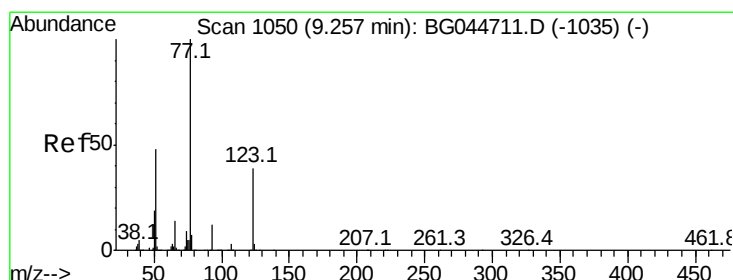
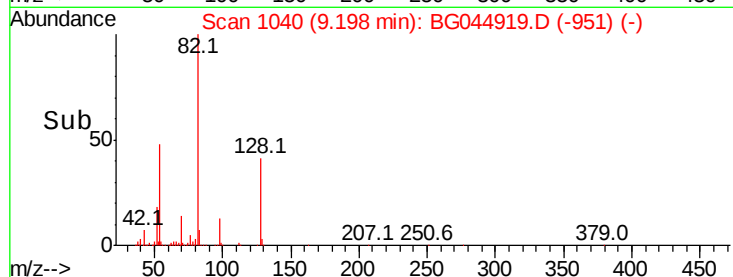
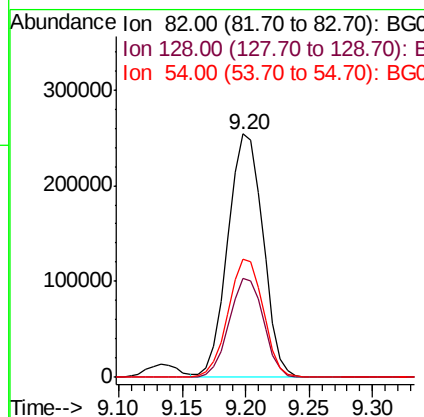
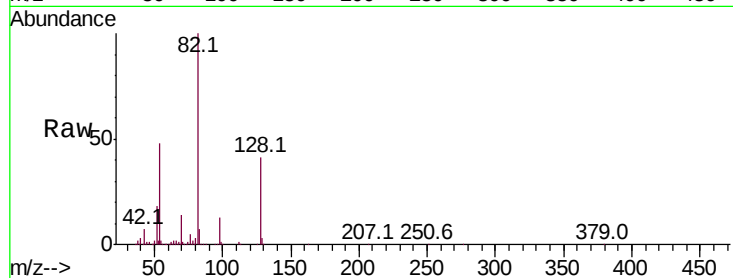
ClientSampleId :

PB127702BSD

Tot Ion:	82	Resp:	488702
Ion Ratio	Lower	Upper	
82	100		
128	40.9	30.6	46.0
54	48.4	37.1	55.7

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#24

Nitrobenzene

Concen: 38.636 ng

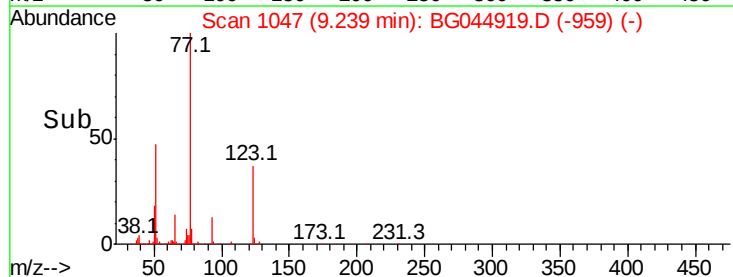
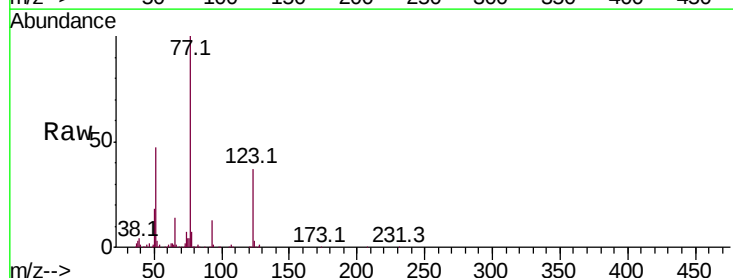
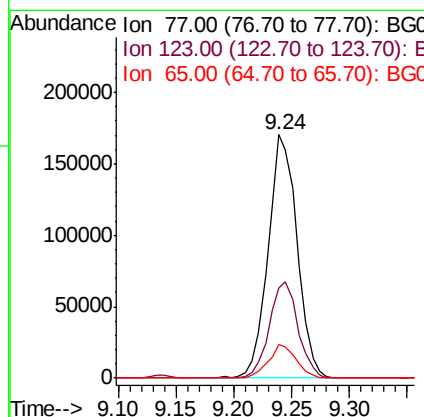
RT: 9.24 min Scan# 1047

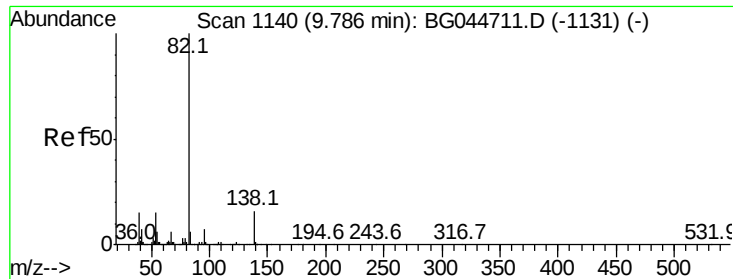
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	77	Resp:	297975
Ion Ratio	Lower	Upper	
77	100		
123	36.9	31.3	46.9
65	13.7	11.4	17.0





#25

Isophorone

Concen: 36.949 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

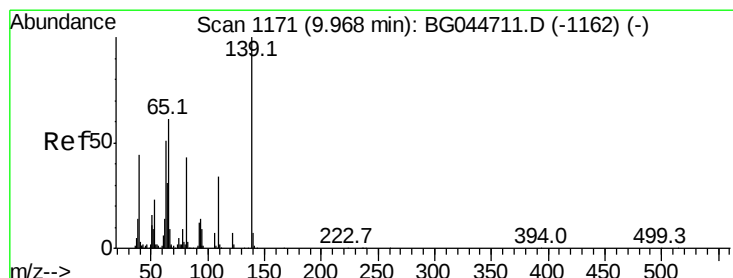
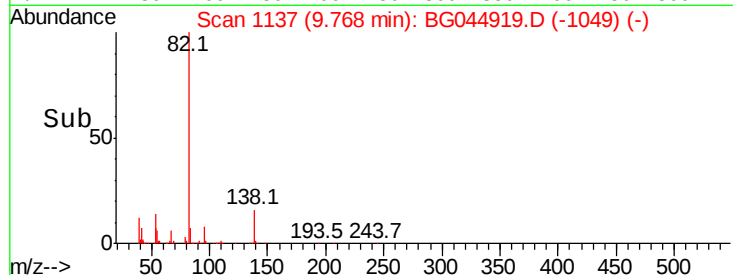
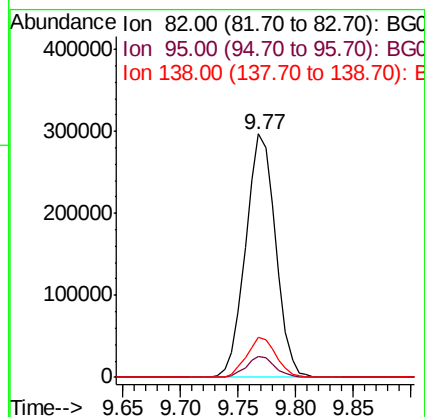
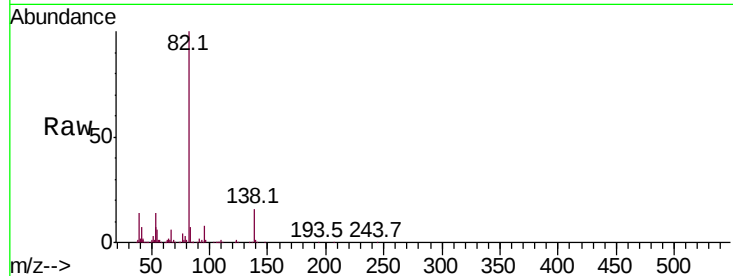
ClientSampleId :

PB127702BSD

Tot Ion:	82	Resp:	536008
Ion Ratio	Lower	Upper	
82	100		
95	8.4	5.5	8.3#
138	16.4	12.5	18.7

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#26

2-Nitrophenol

Concen: 48.082 ng

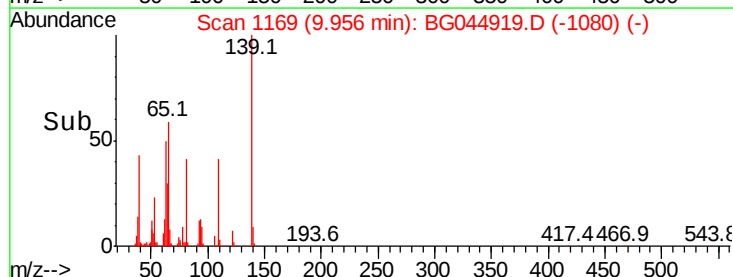
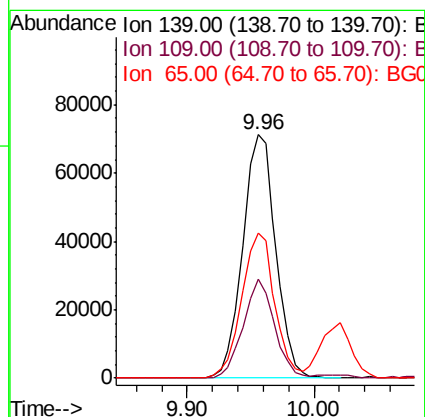
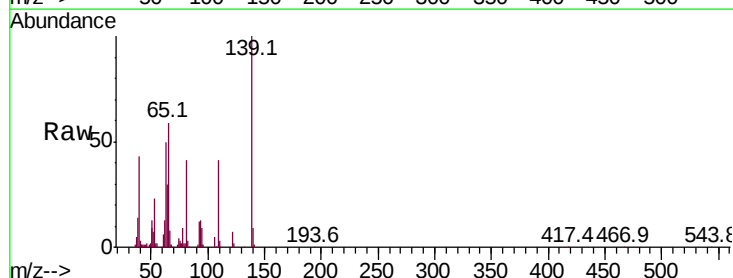
RT: 9.96 min Scan# 1169

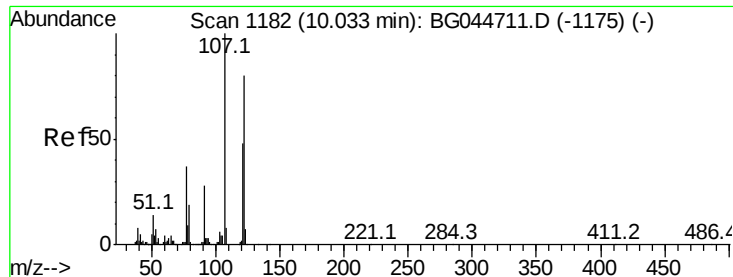
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	139	Resp:	128770
Ion Ratio	Lower	Upper	
139	100		
109	40.6	30.2	45.4
65	59.4	46.3	69.5





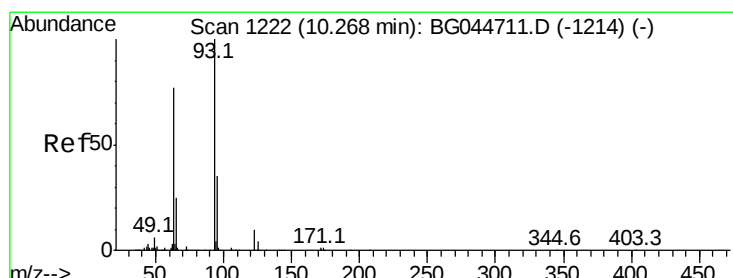
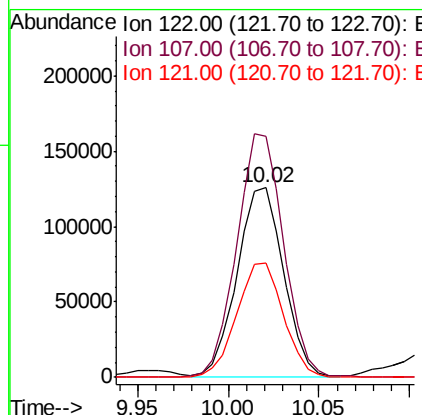
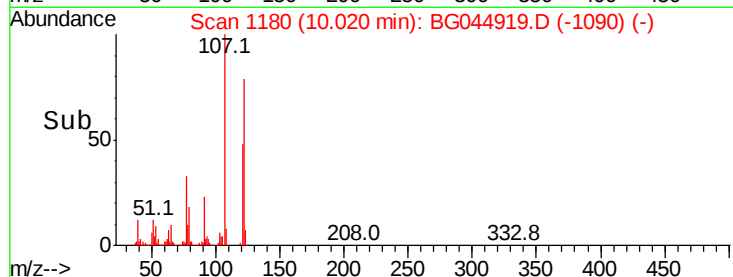
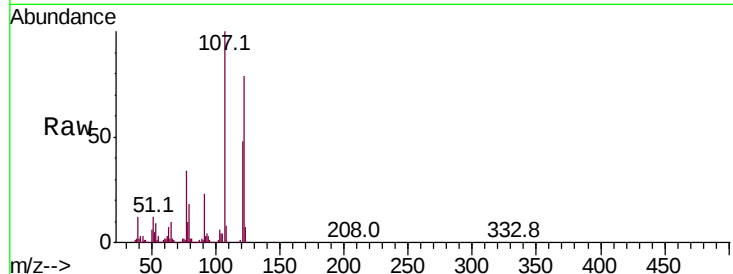
#27
2,4-Dimethylphenol
Concen: 47.302 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	107.1	160.7
121	60.3	46.8	70.2

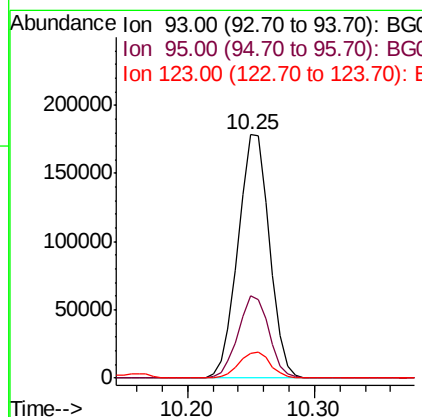
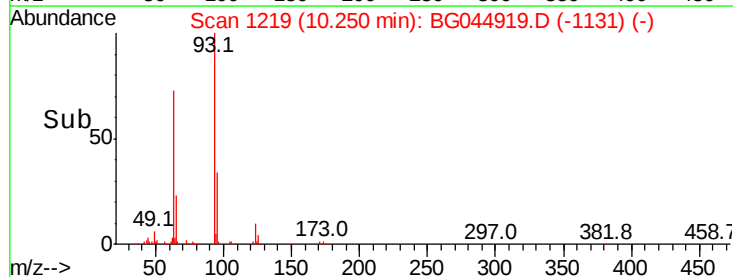
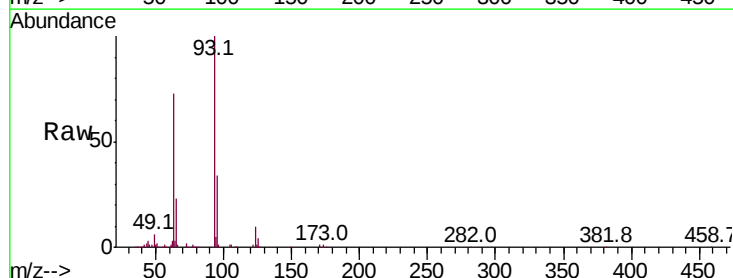
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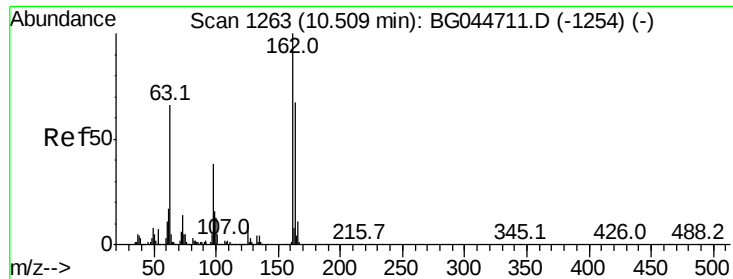
mohammad
3/23/2020 9:39:38 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.430 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.4	39.6
123	10.0	8.4	12.6





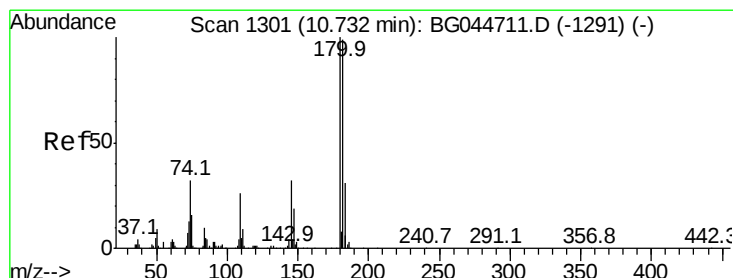
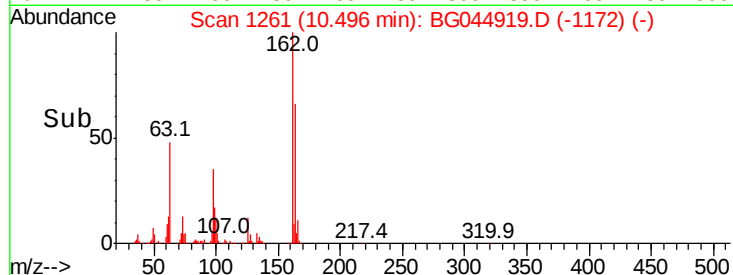
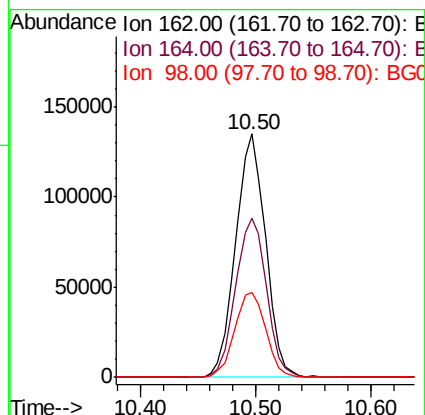
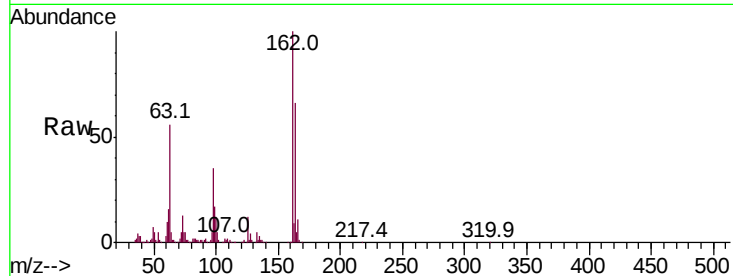
#29
2,4-Dichlorophenol
Concen: 44.099 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	45.2	85.2
98	34.7	19.0	59.0

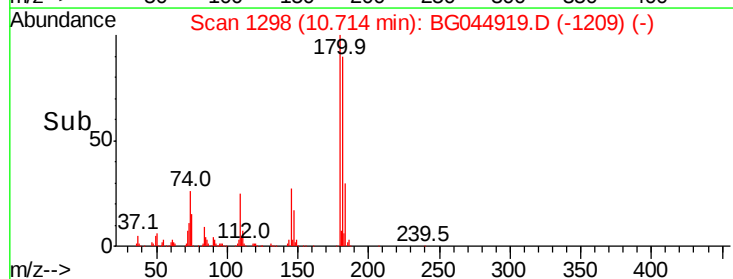
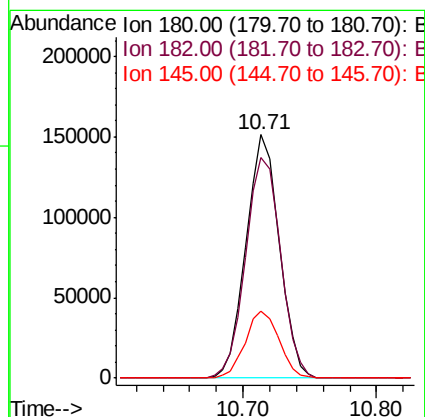
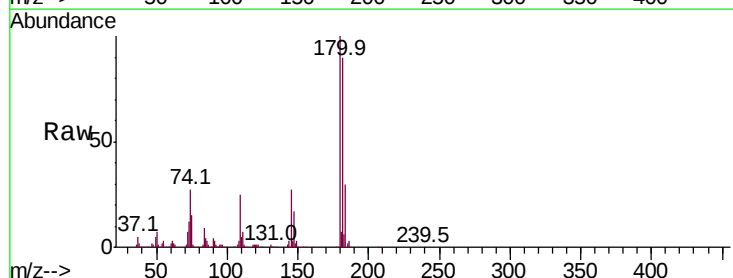
Manual Integrations
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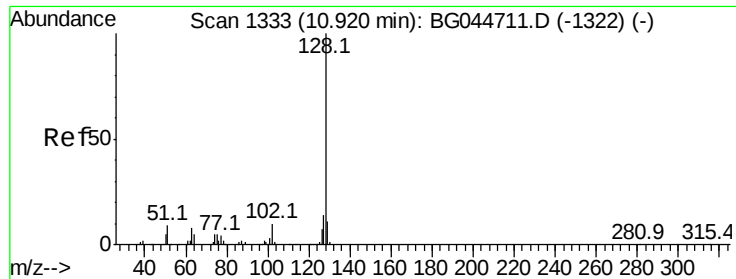
mohammad
3/23/2020 9:39:38 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.434 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	90.4	71.6	107.4
145	27.4	23.4	35.0





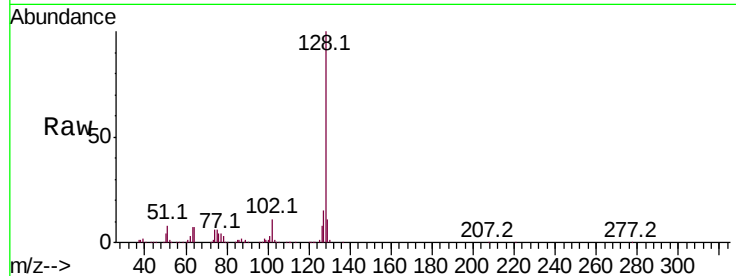
#31
Naphthalene
Concen: 39.179 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.8	10.8	16.2

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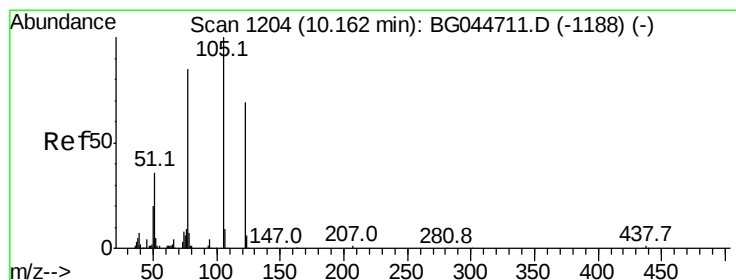
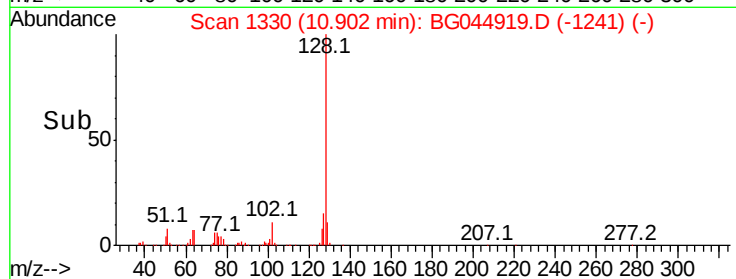
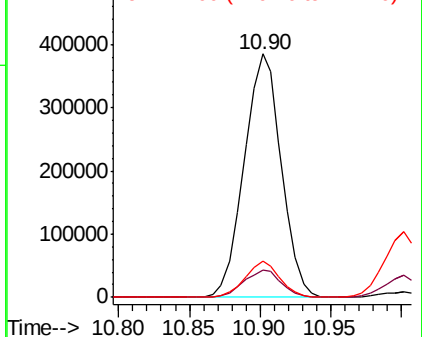


Abundance

Ion 128.00 (127.70 to 128.70): E

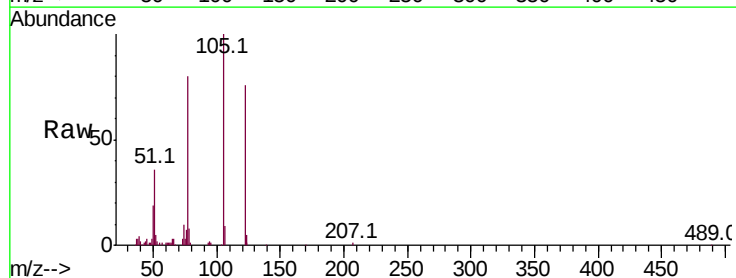
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.598 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	109.1	149.1
77	105.4	85.3	125.3

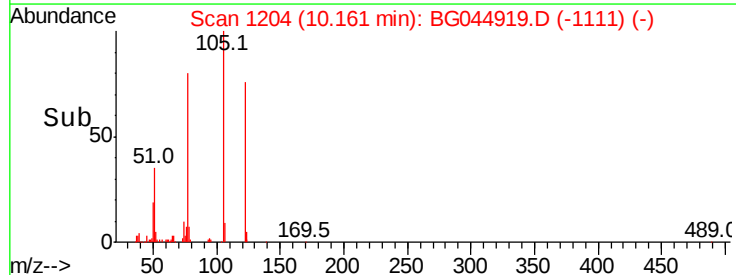
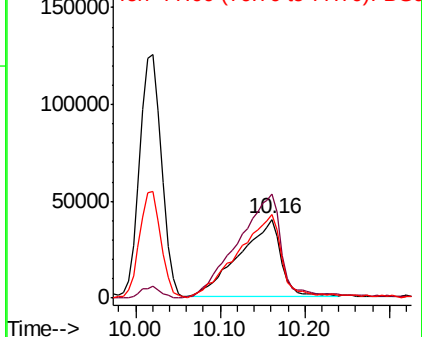


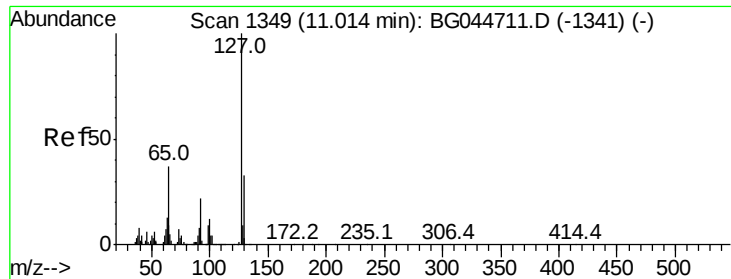
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





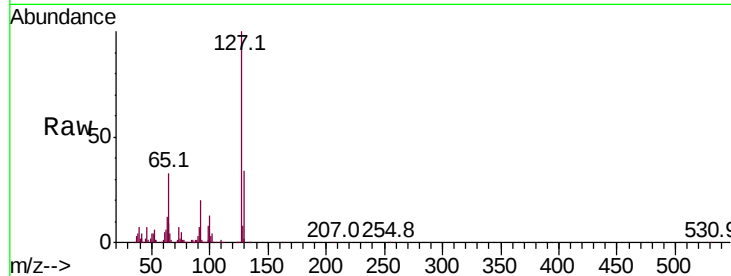
#33
4-Chloroaniline
Concen: 22.935 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampled :
PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.1	26.9	40.3	
65	33.1	27.7	41.5	
92	20.2	17.4	26.2	

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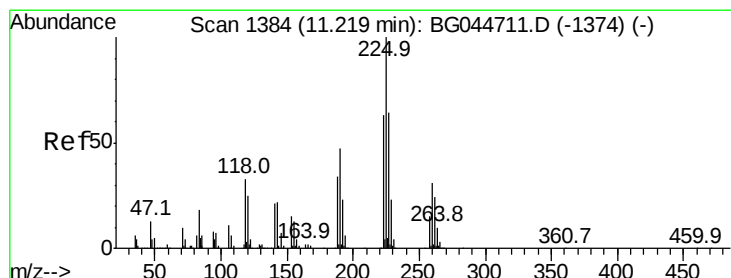
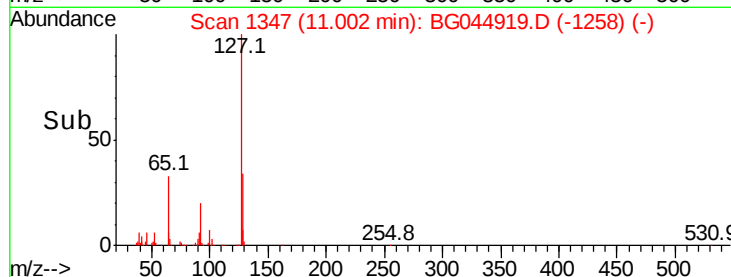
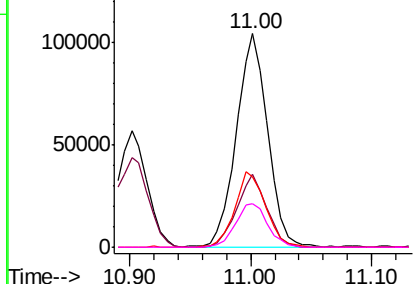
Abundance

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: 39.290 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

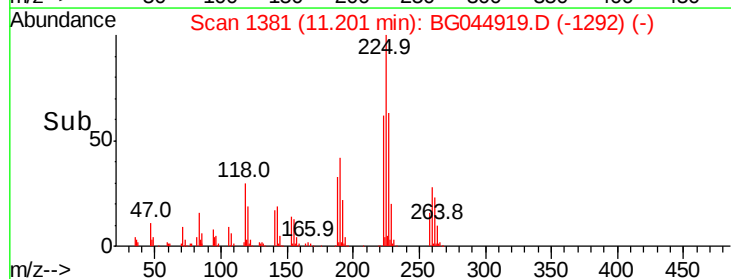
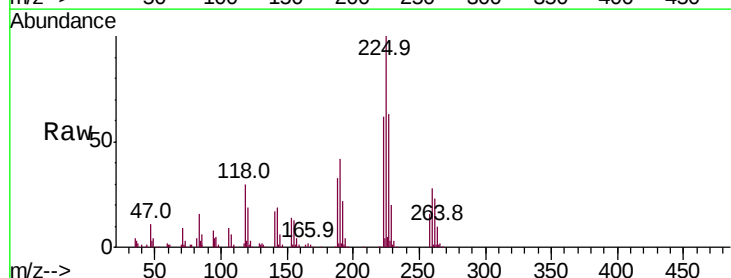
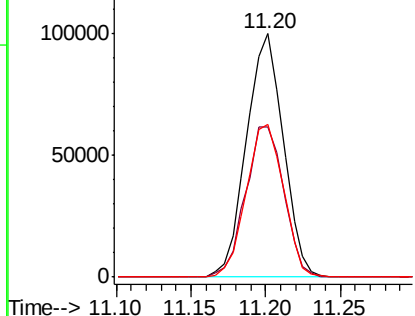
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	47.4	71.0	
227	62.8	50.8	76.2	

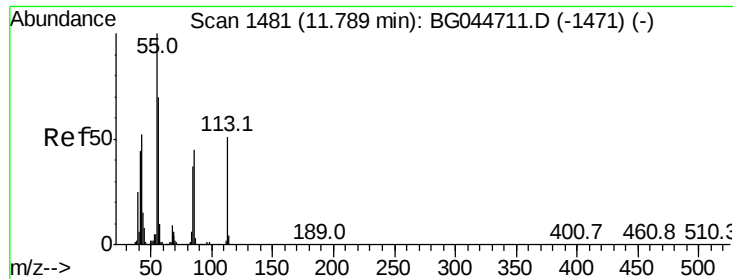
Abundance

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





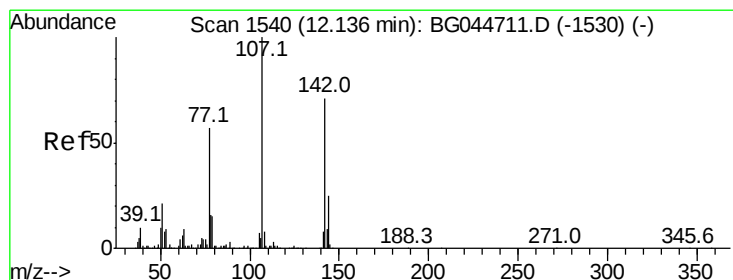
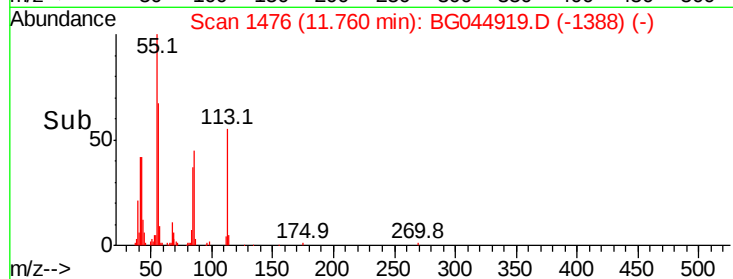
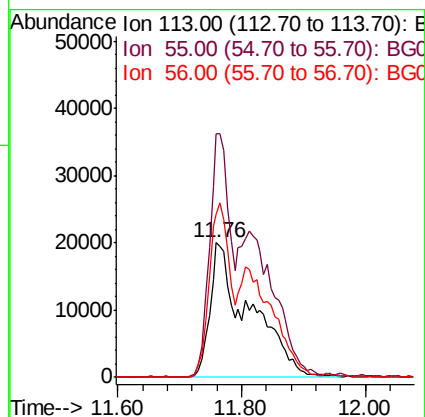
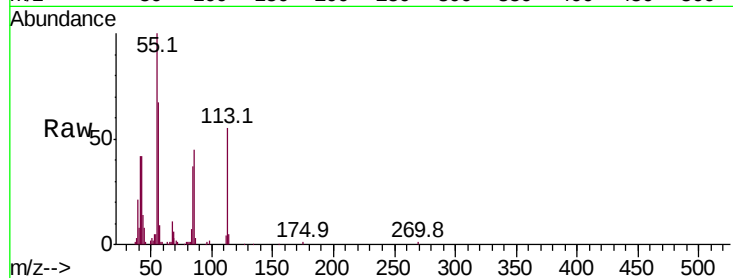
#35
Caprolactam
Concen: 42.867 ng/ml
RT: 11.76 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.3	173.8	213.8
56	121.2	113.8	153.8

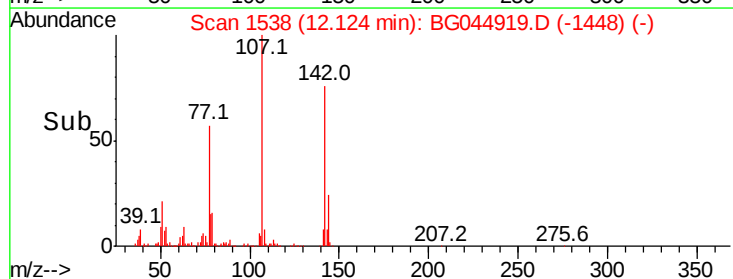
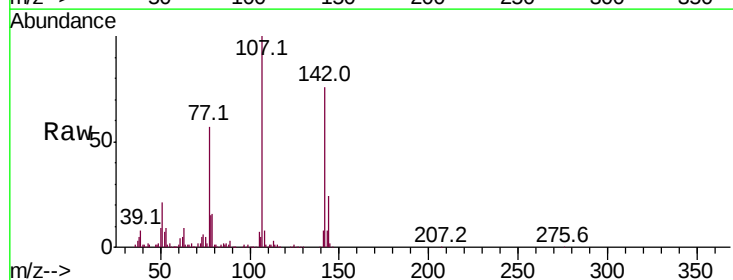
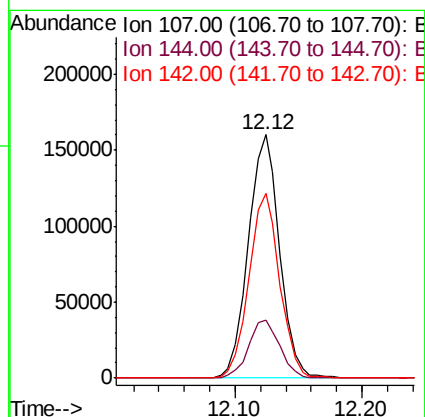
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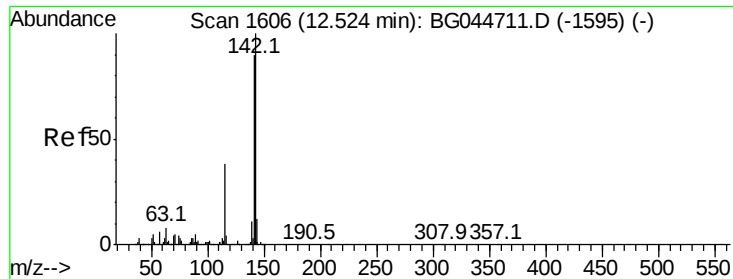
mohammad
3/23/2020 9:39:38 AM



#36
4-Chloro-3-methylphenol
Concen: 41.661 ng/ml
RT: 12.12 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	18.0	27.0
142	76.1	59.0	88.4





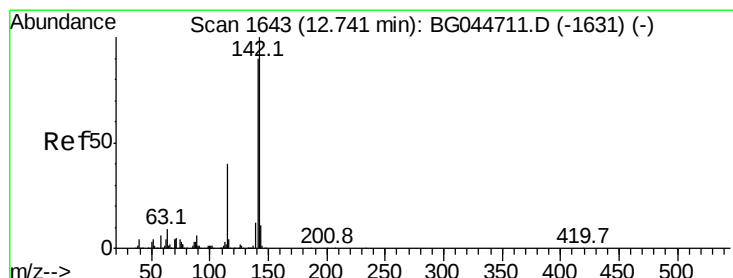
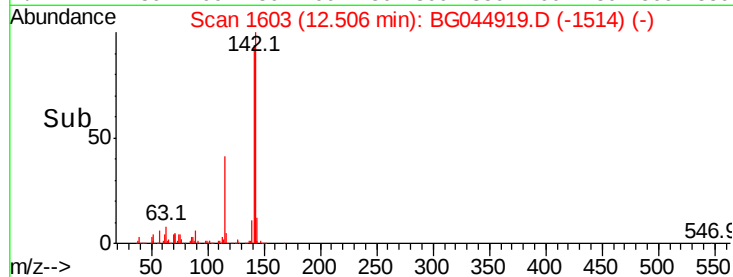
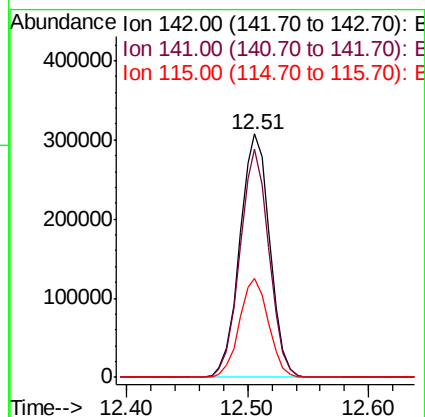
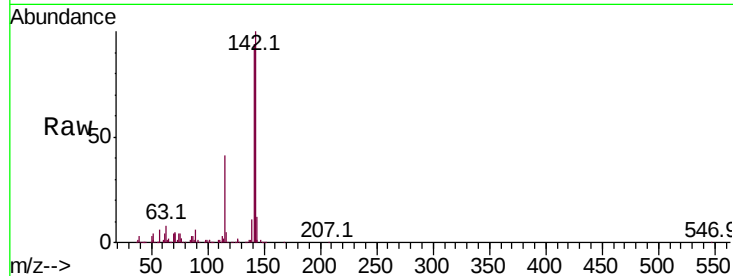
#37
2-Methylnaphthalene
Concen: 39.184 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.1	112.7
115	40.6	30.6	46.0

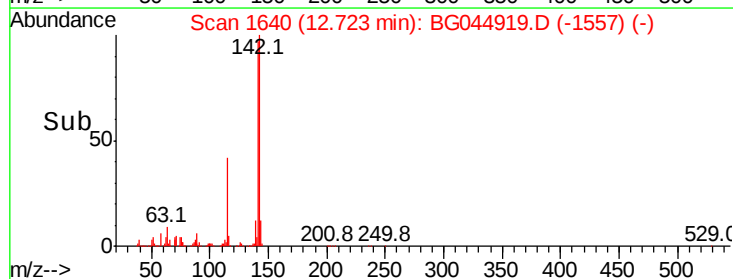
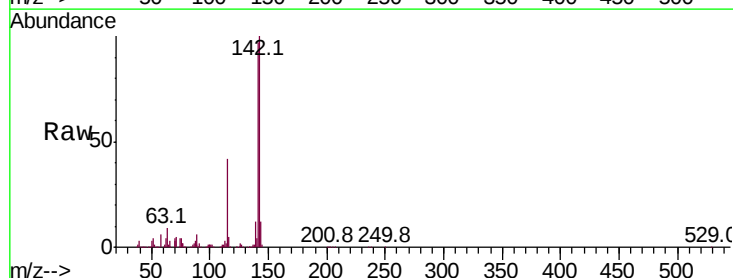
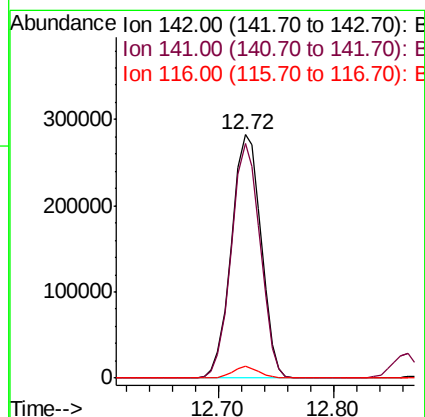
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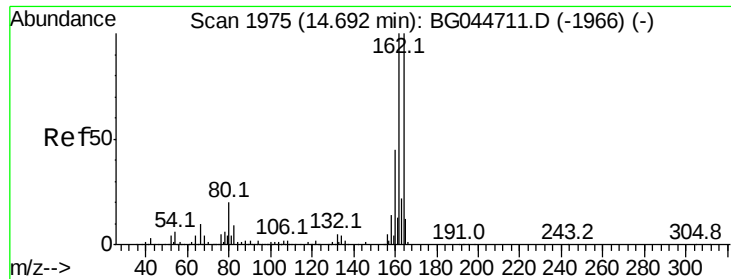
mohammad
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#38
1-Methylnaphthalene
Concen: 39.501 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	74.7	112.1
116	4.7	3.3	4.9





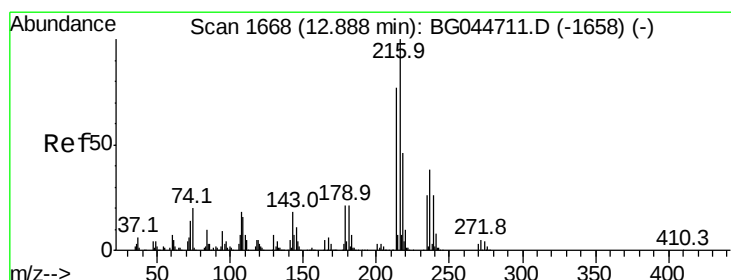
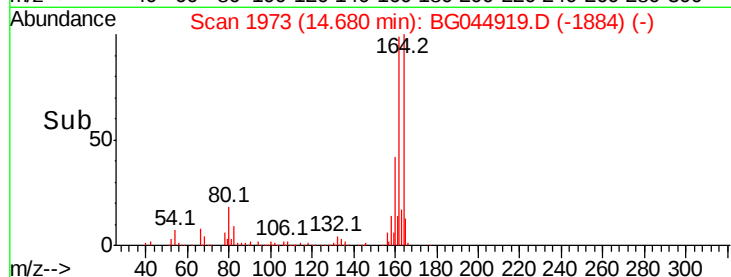
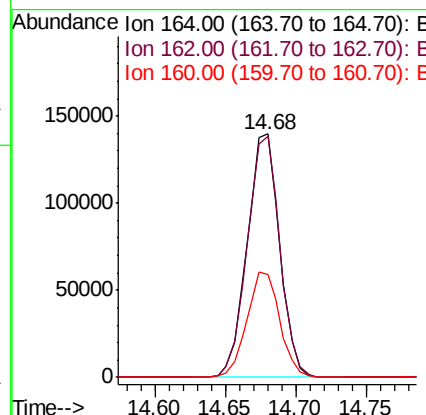
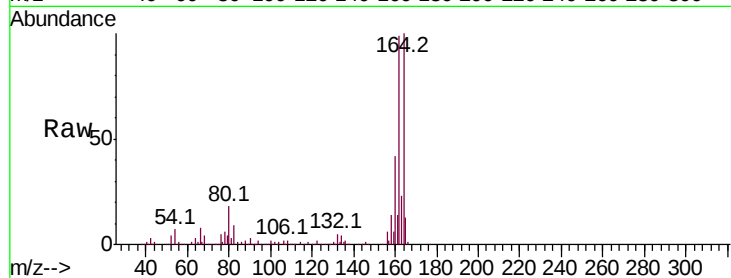
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	76.7	115.1
160	42.2	35.0	52.4

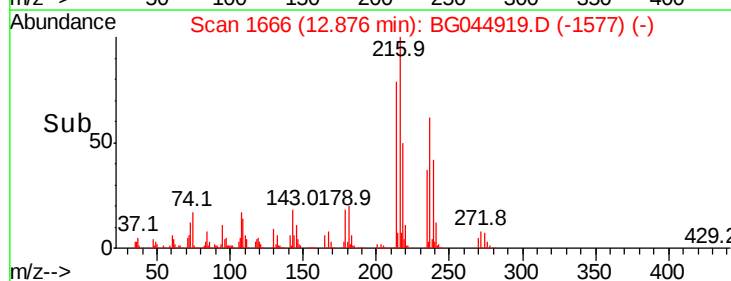
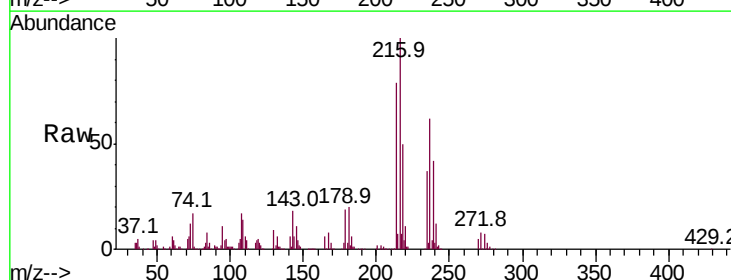
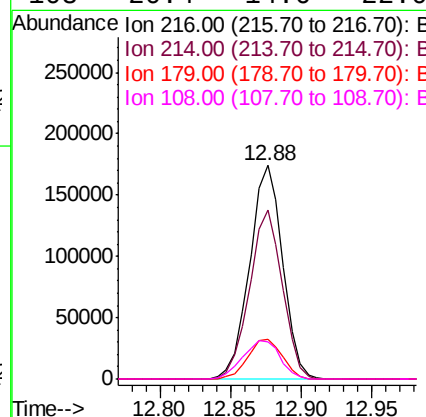
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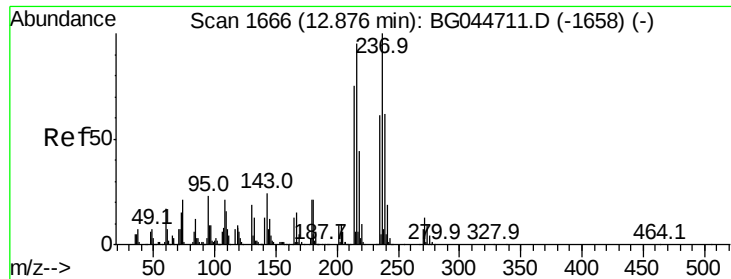
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.544 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	19.6	16.2	24.2
108	20.4	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 94.606 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

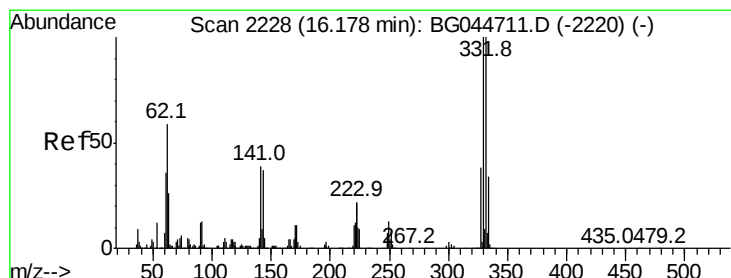
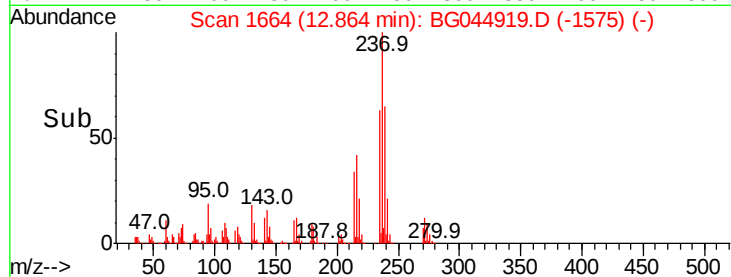
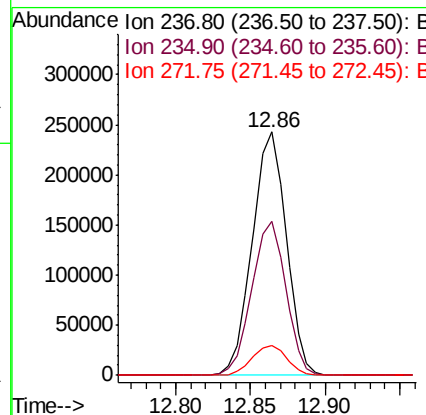
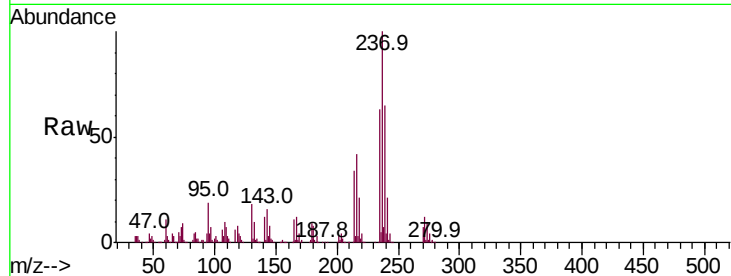
ClientSampleId :

PB127702BSD

Tot Ion:	237	Resp:	383216
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.9	82.9
272	12.4	0.0	31.6

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#42

2,4,6-Tribromophenol

Concen: 125.504 ng

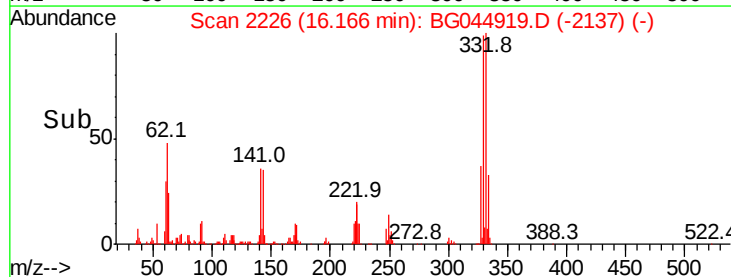
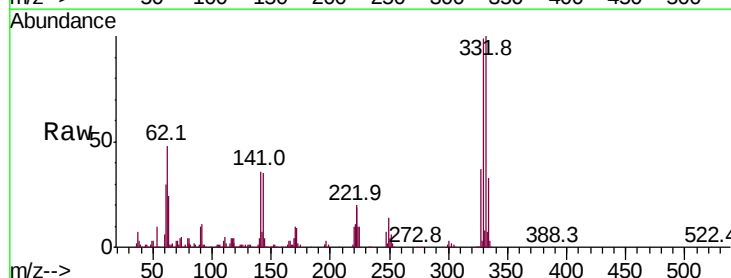
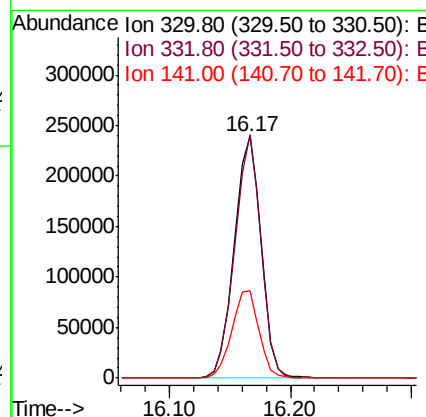
RT: 16.17 min Scan# 2226

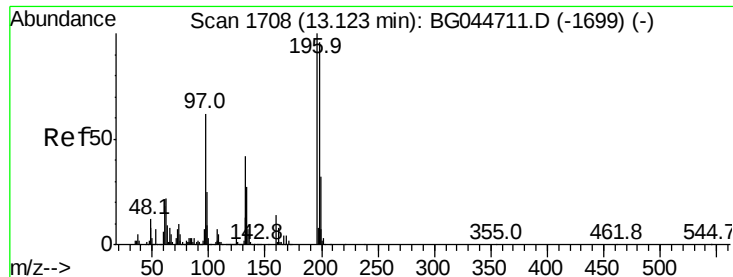
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	330	Resp:	369838
Ion Ratio	Lower	Upper	
330	100		
332	98.2	77.8	116.6
141	37.0	29.5	44.3





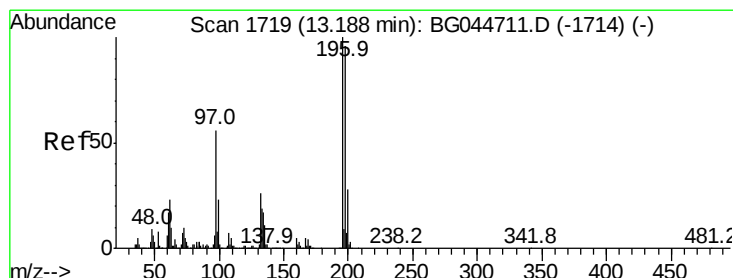
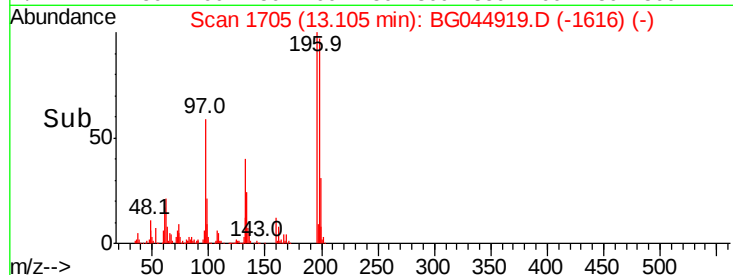
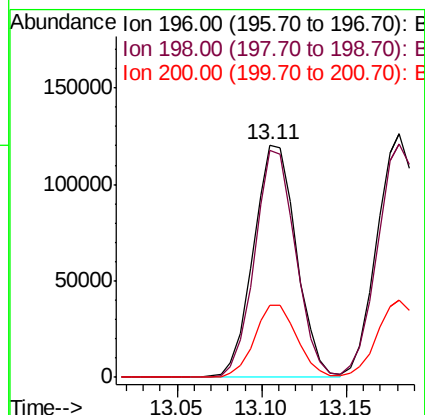
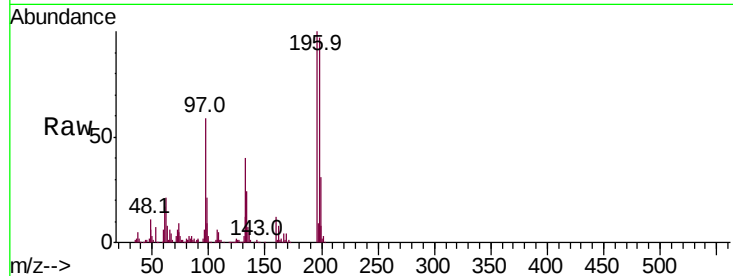
#43
 2,4,6-Trichlorophenol
 Concen: 43.061 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211816		
198	97.4	74.9	112.3	
200	31.0	25.8	38.6	

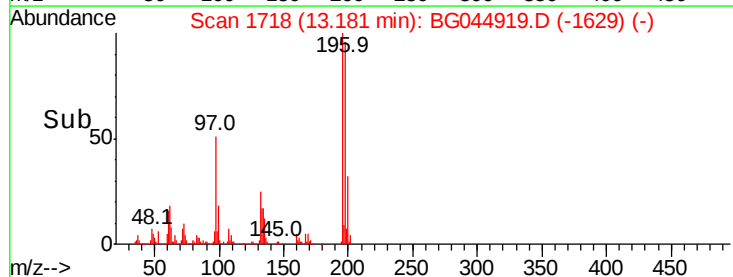
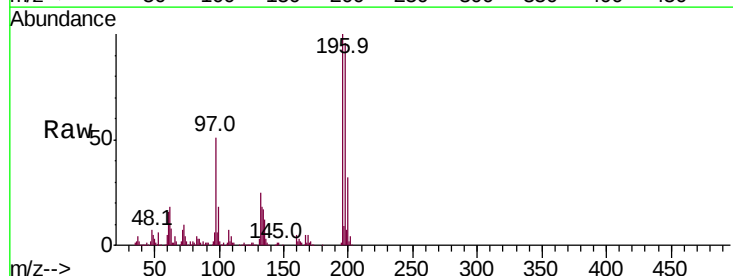
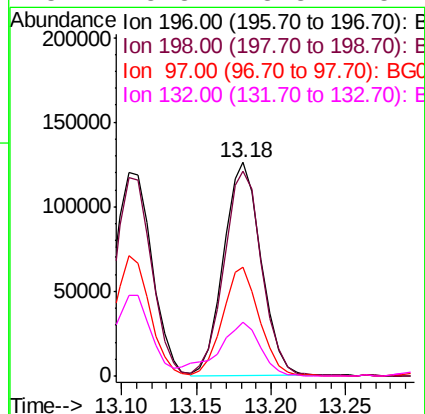
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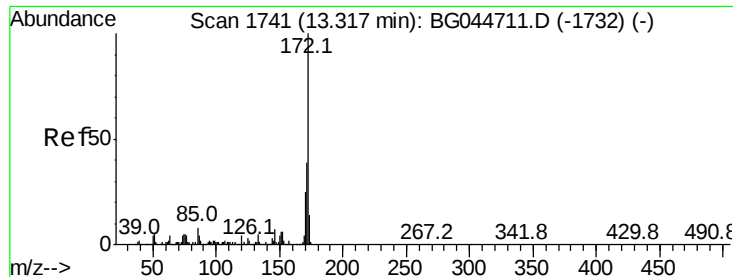
mohammad
 3/23/2020 9:39:38 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.348 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221128		
198	95.9	74.2	111.4	
97	50.7	36.7	55.1	
132	25.3	18.8	28.2	





#45

2-Fluorobiphenyl

Concen: 66.274 ng

RT: 13.30 min Scan# 1738

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tot Ion:172 Resp: 1041576

Ion Ratio Lower Upper

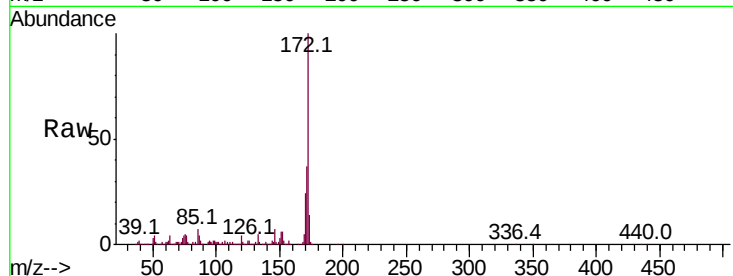
172 100

171 36.9 28.7 43.1

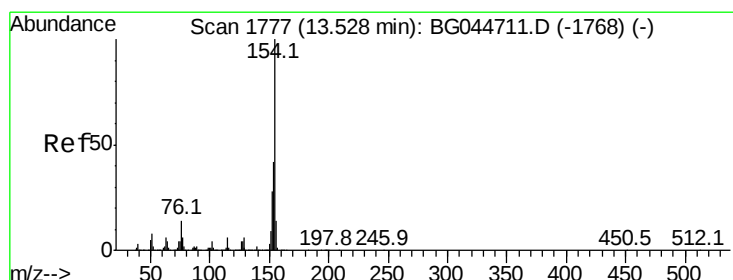
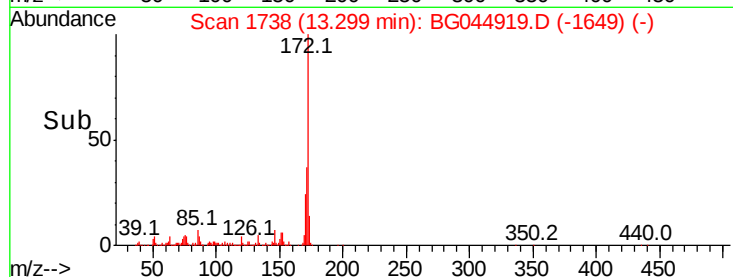
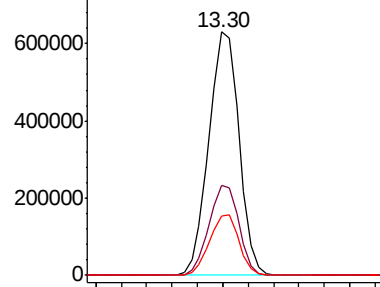
170 24.3 19.0 28.6

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.900 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

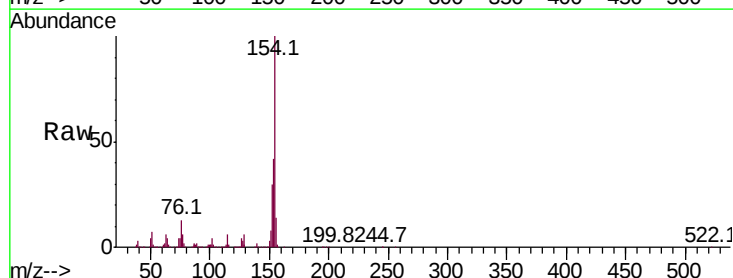
Tgt Ion:154 Resp: 663647

Ion Ratio Lower Upper

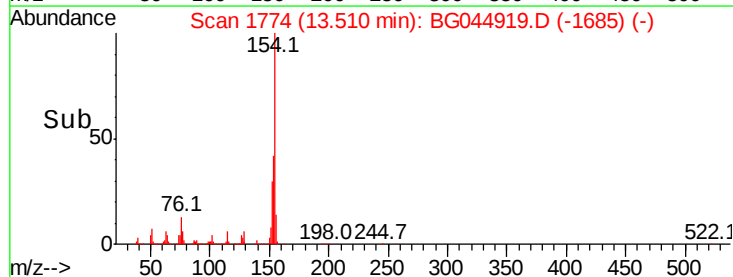
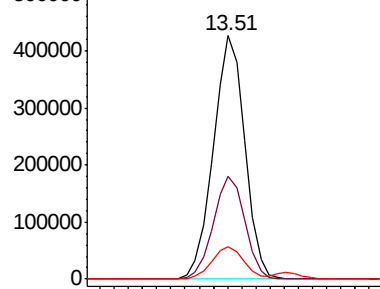
154 100

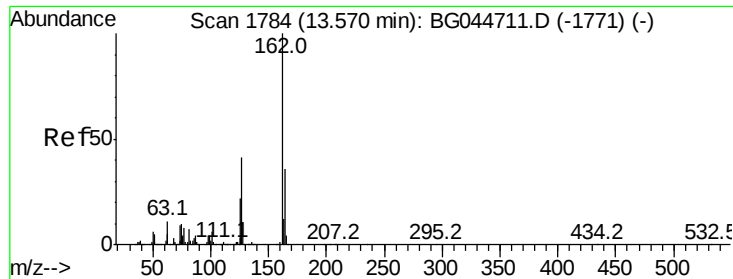
153 42.4 22.9 62.9

76 13.1 0.0 34.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





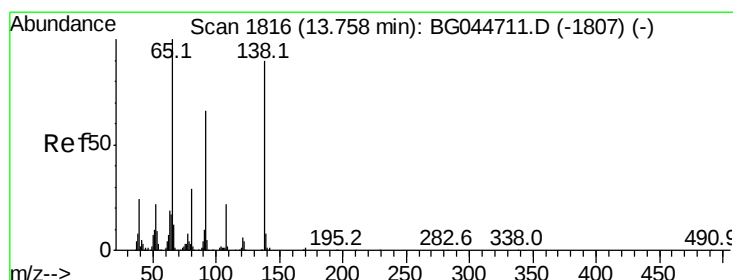
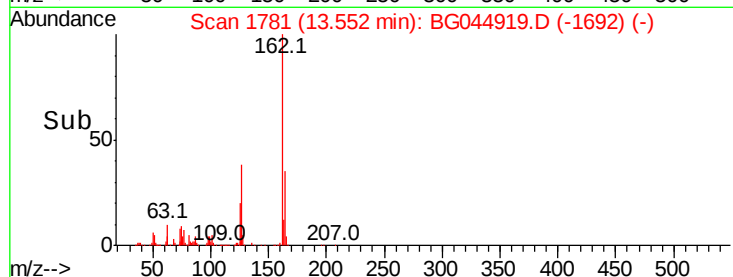
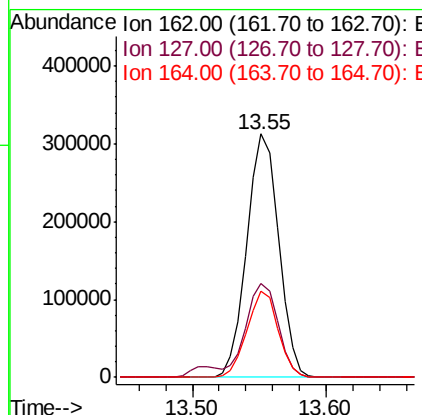
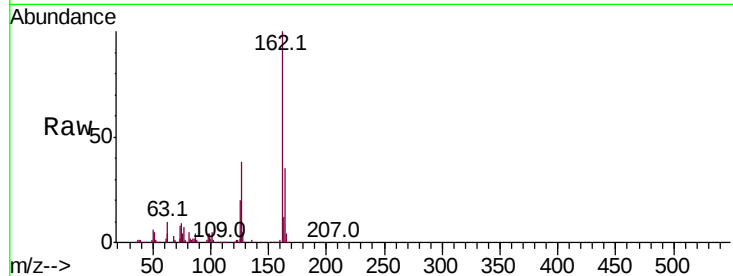
#47
2-Chloronaphthalene
Concen: 37.439 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	33.1	49.7
164	35.2	27.4	41.2

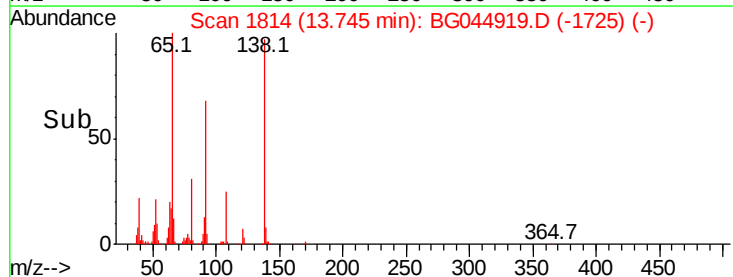
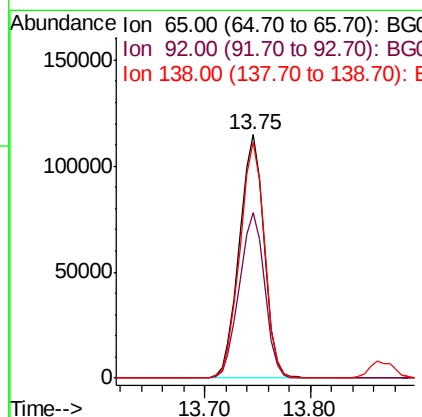
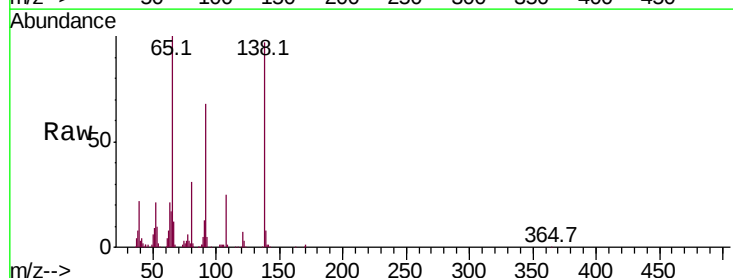
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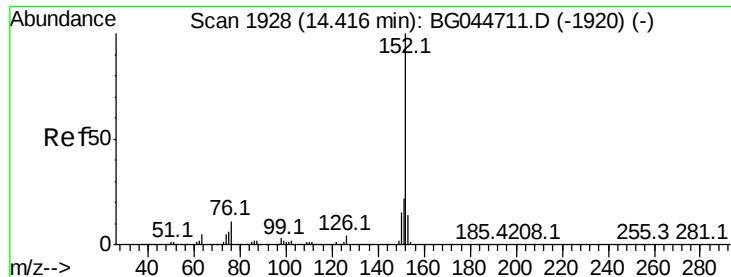
mohammad
3/23/2020 9:39:38 AM



#48
2-Nitroaniline
Concen: 38.548 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	96.9	78.3	117.5





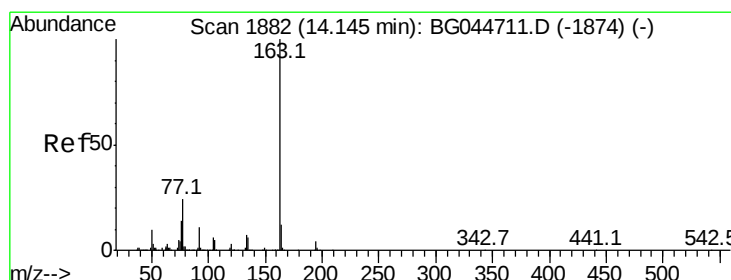
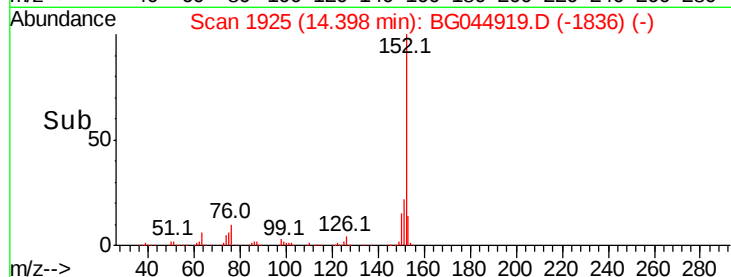
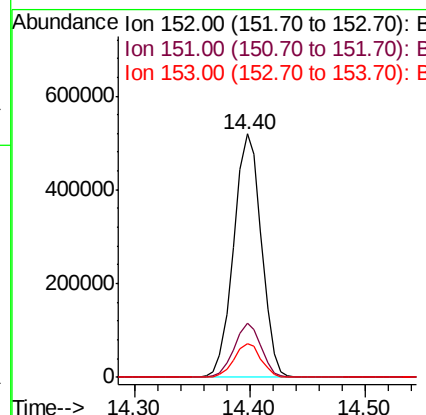
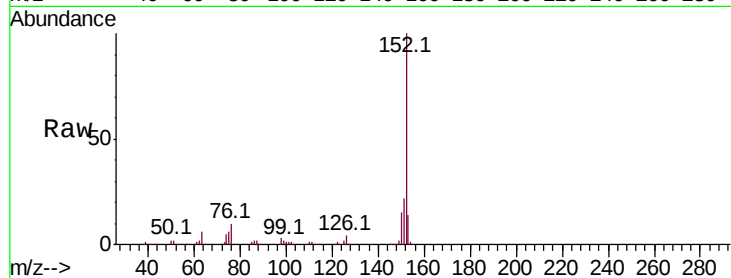
#49
Acenaphthylene
Concen: 39.910 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	859039		
151	22.1		16.8	25.2
153	13.8		10.8	16.2

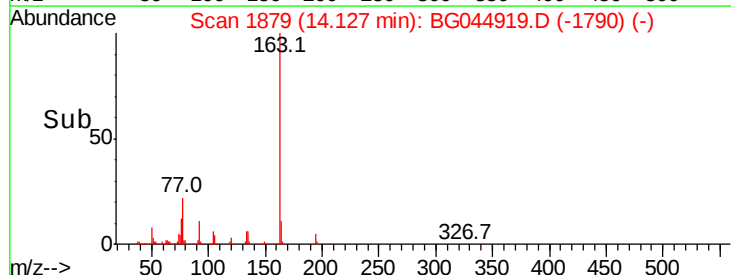
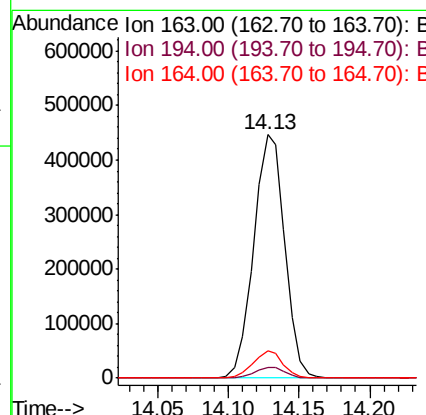
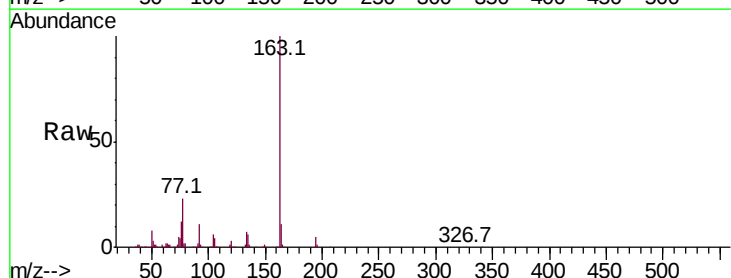
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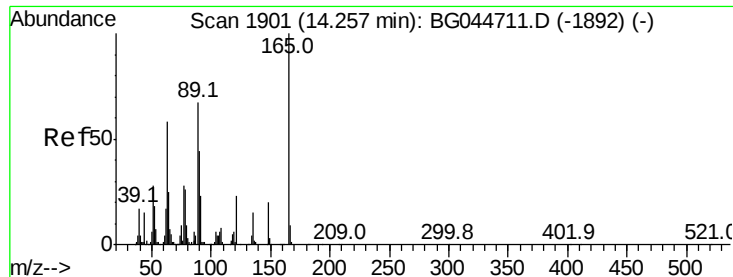
mohammad
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#50
Dimethylphthalate
Concen: 38.476 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	689689		
194	4.5		3.7	5.5
164	11.1		9.1	13.7





#51

2,6-Dinitrotoluene

Concen: 44.206 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

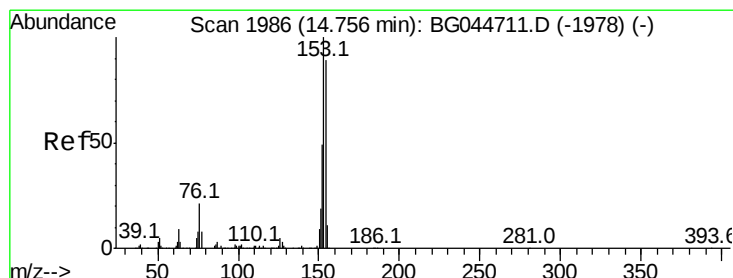
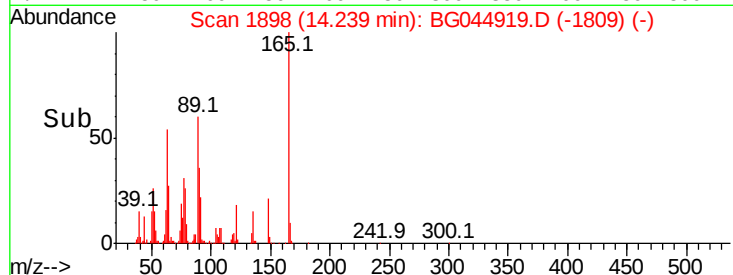
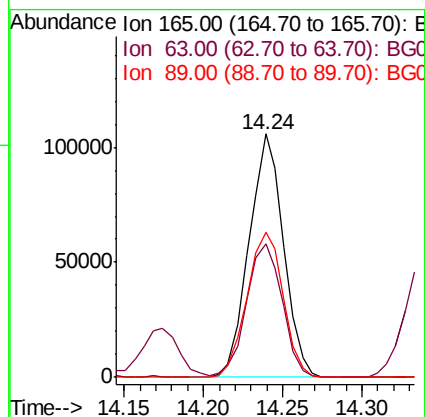
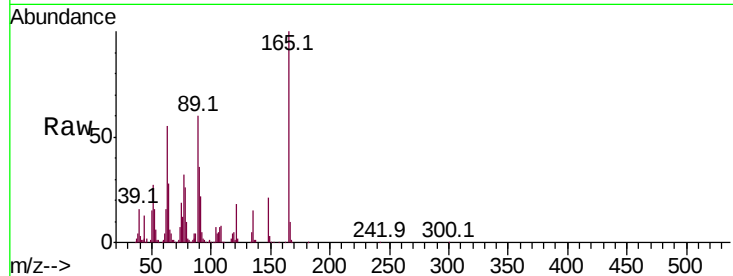
ClientSampleId :

PB127702BSD

Tot Ion:	165	Resp:	159722
Ion Ratio	Lower	Upper	
165	100		
63	54.8	45.8	68.8
89	59.8	51.8	77.6

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#52

Acenaphthene

Concen: 43.018 ng

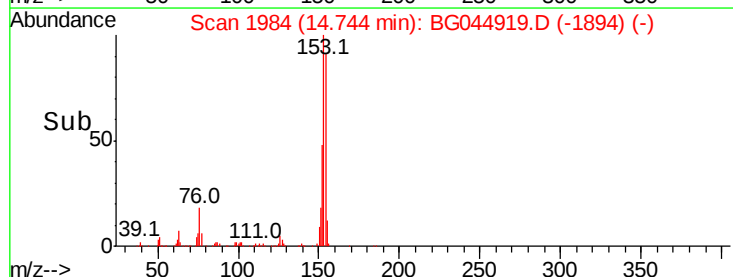
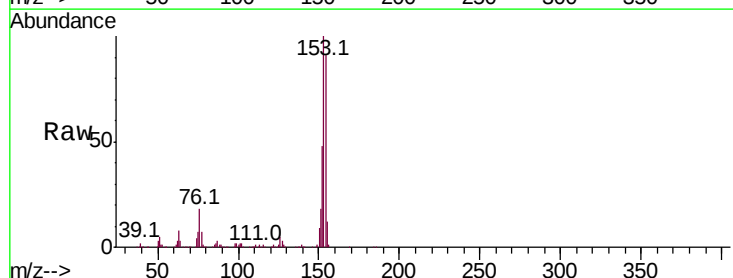
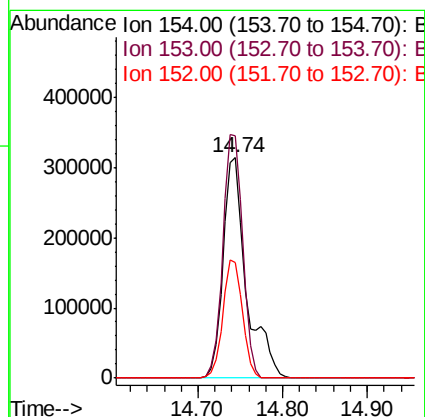
RT: 14.74 min Scan# 1984

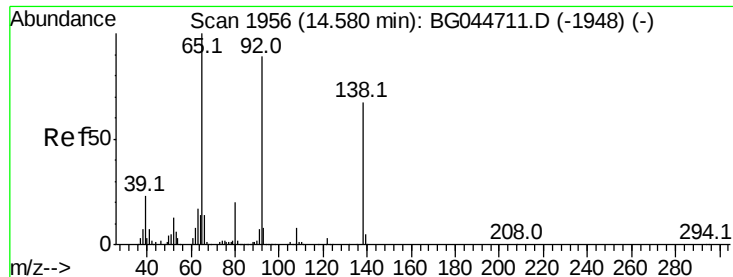
Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	154	Resp:	606405
Ion Ratio	Lower	Upper	
154	100		
153	110.3	89.0	133.6
152	52.6	43.0	64.6





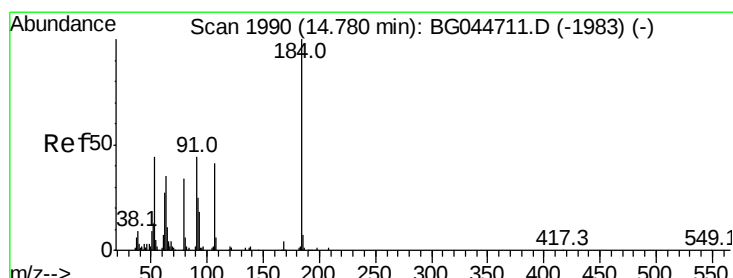
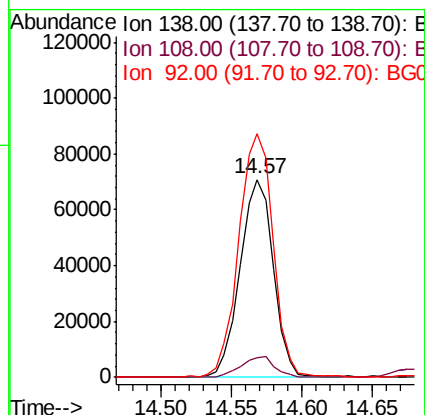
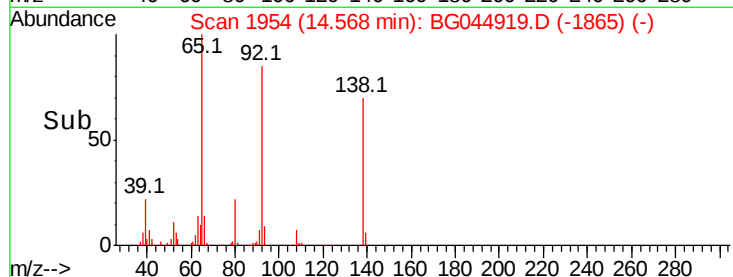
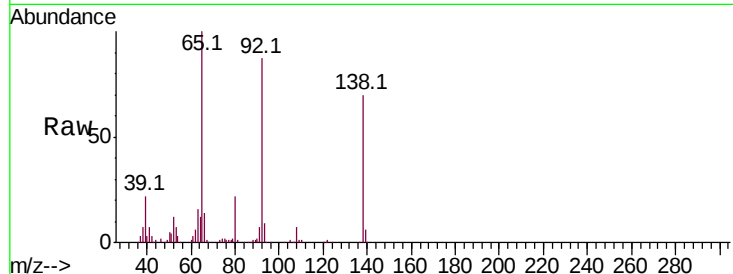
#53
3-Nitroaniline
Concen: 28.208 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.1	9.0	13.4	
92	123.1	96.8	145.2	

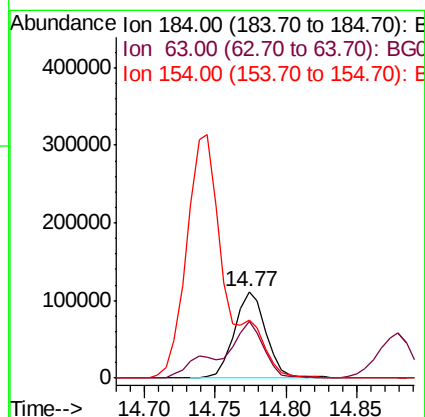
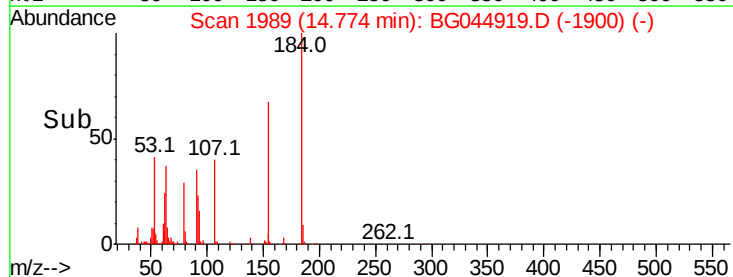
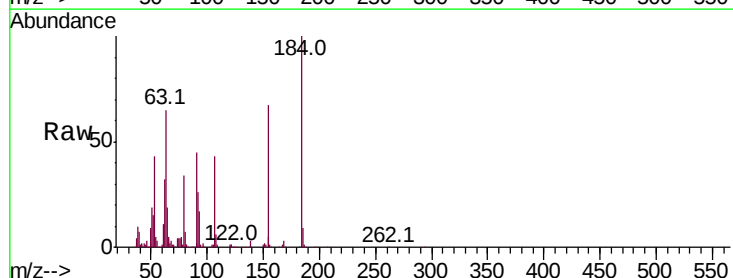
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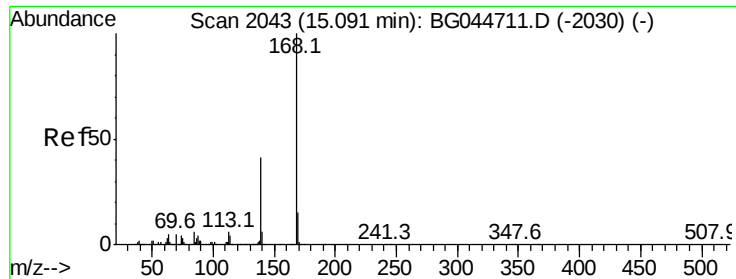
mohammad
3/23/2020 9:39:38 AM



#54
2,4-Dinitrophenol
Concen: 90.913 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.1	45.5	68.3	
154	66.9	49.1	73.7	





#55

Dibenzofuran

Concen: 39.692 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

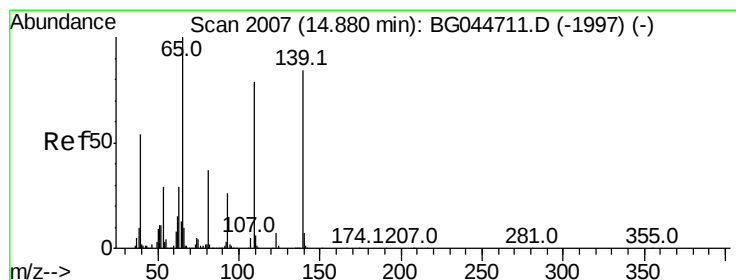
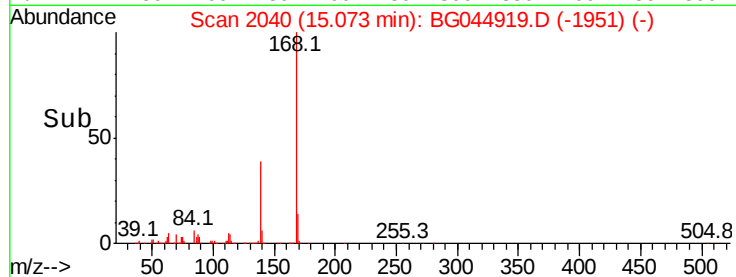
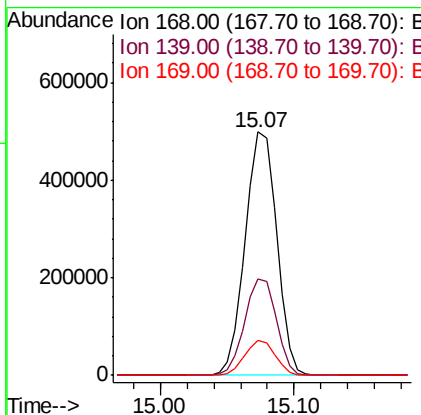
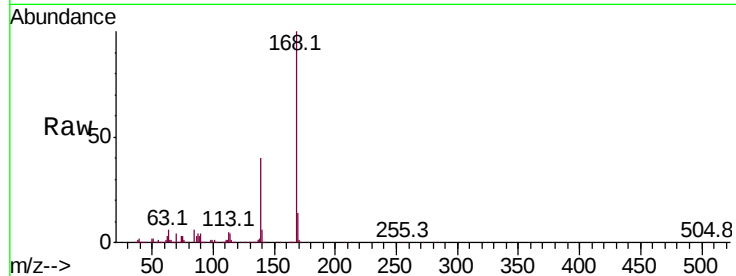
ClientSampleId :

PB127702BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.4	47.0
169	14.4	11.1	16.7

Manual Integrations
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#56

4-Nitrophenol

Concen: 92.697 ng

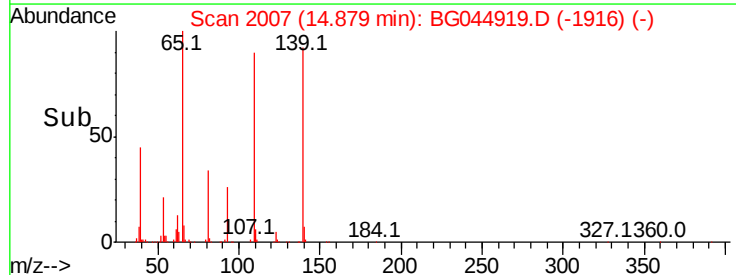
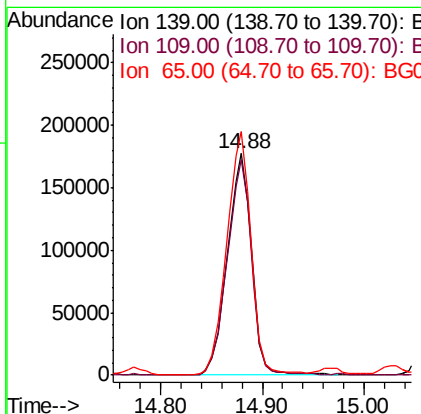
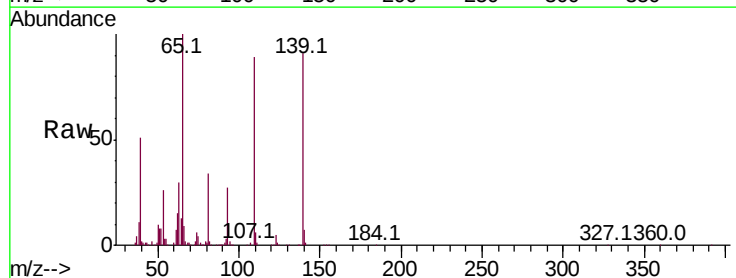
RT: 14.88 min Scan# 2007

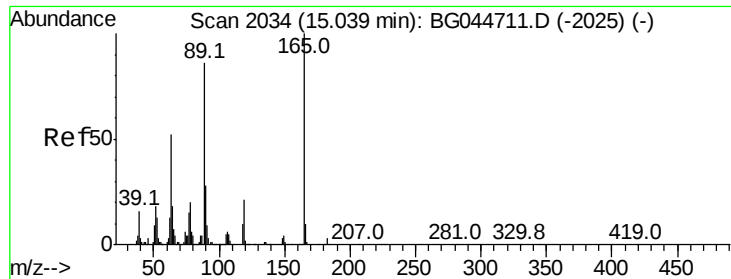
Delta R.T. 0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.3	68.8	108.8
65	109.9	92.5	132.5





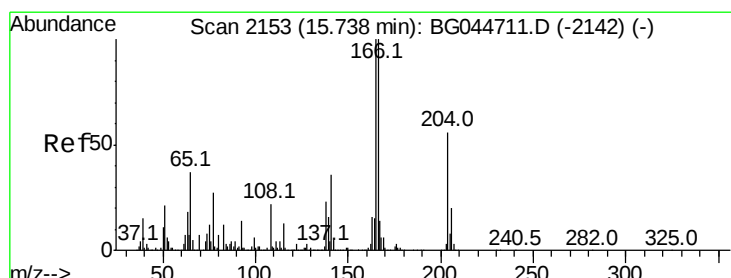
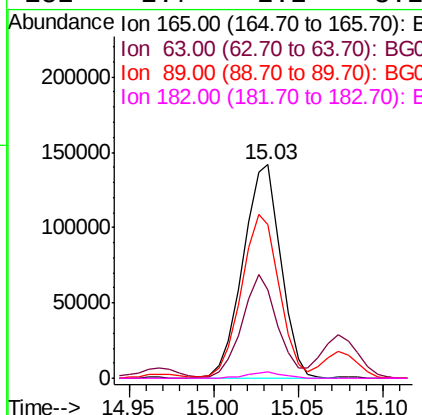
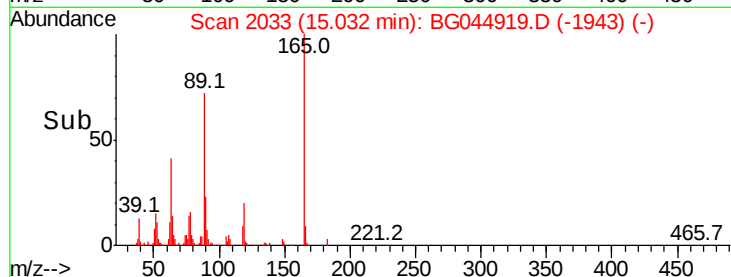
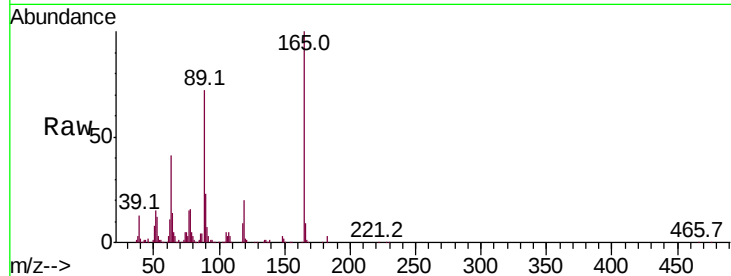
#57
2,4-Dinitrotoluene
Concen: 44.471 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	34.6	52.0
89	71.8	61.3	91.9
182	2.7	2.2	3.2

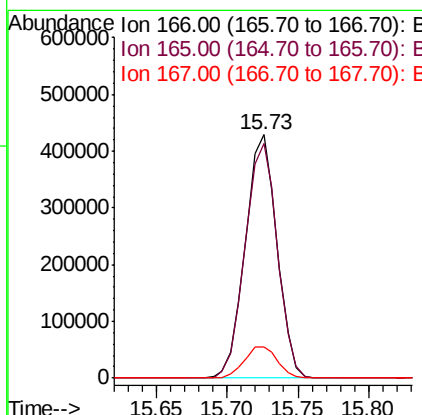
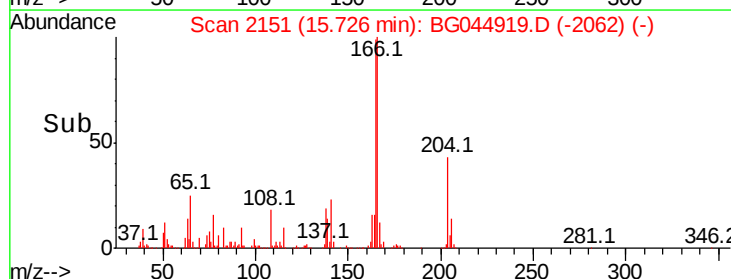
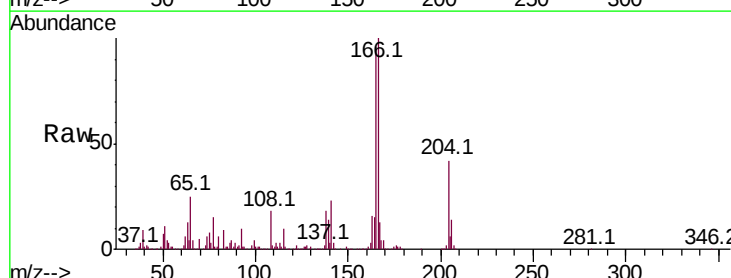
Manual Integrations
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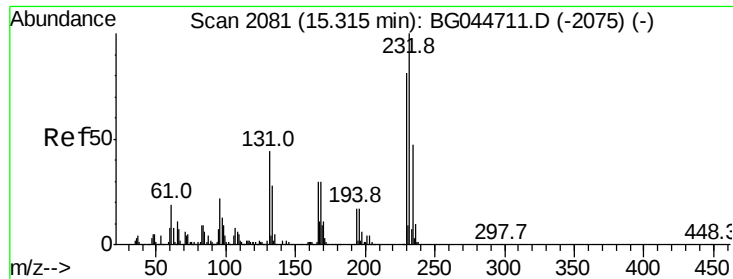
mohammad
3/23/2020 9:39:38 AM



#58
Fluorene
Concen: 40.166 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	79.7	119.5
167	12.6	10.6	16.0





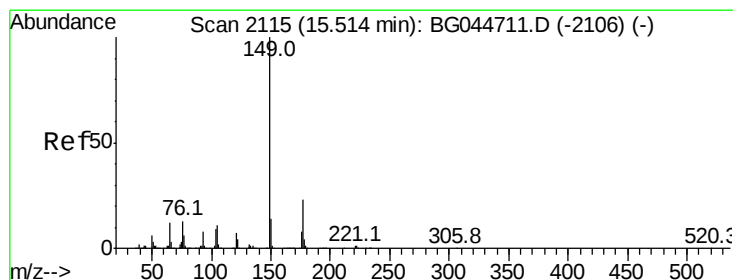
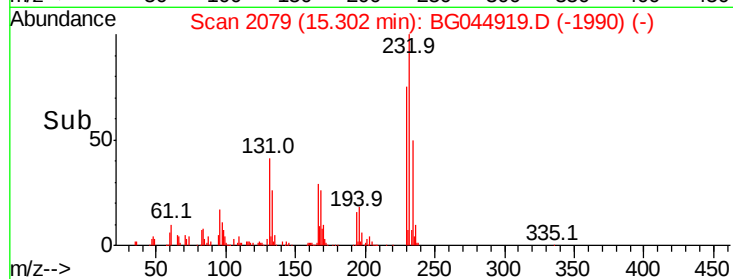
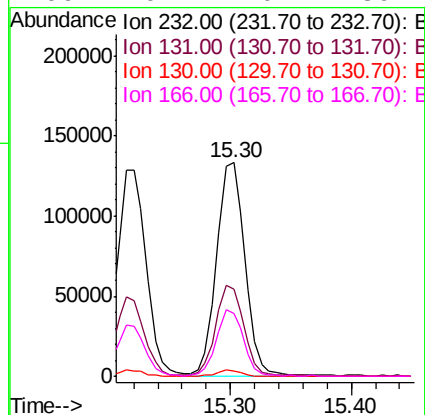
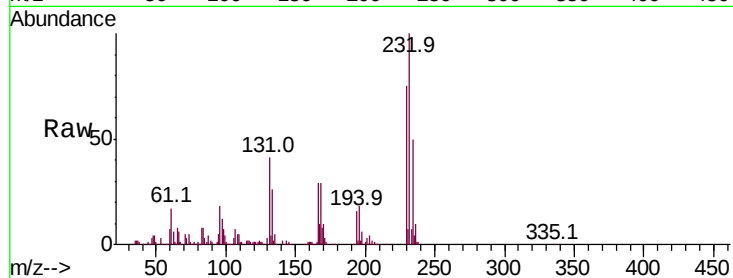
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.768 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214951		
131	42.7	31.8	47.8	
130	2.5	2.2	3.2	
166	29.7	20.2	30.2	

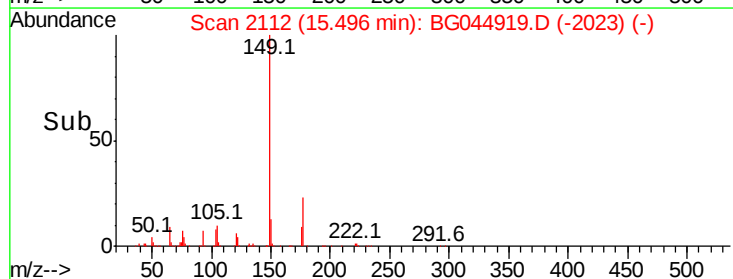
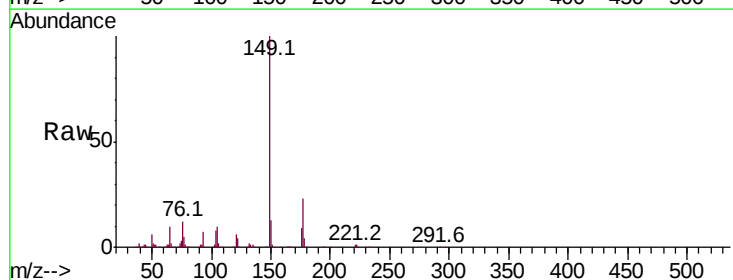
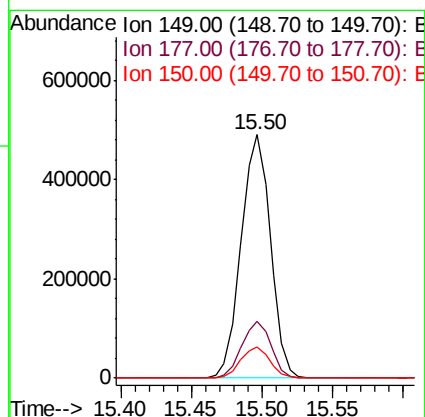
Manual Integrations
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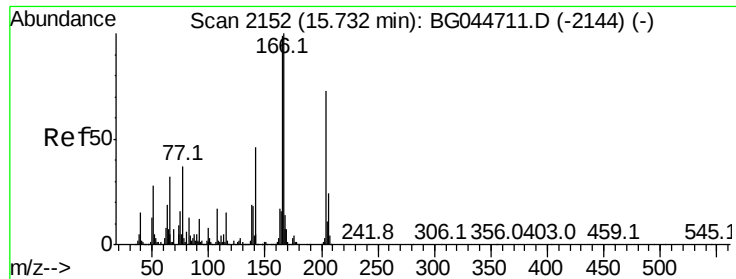
mohammad
3/23/2020 9:39:38 AM



#60
Diethylphthalate
Concen: 38.131 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	712878		
177	23.2	19.3	28.9	
150	13.0	11.0	16.6	





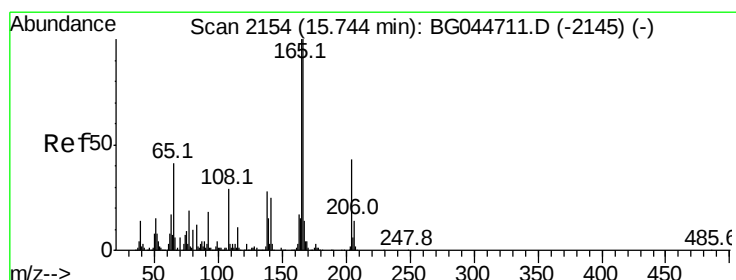
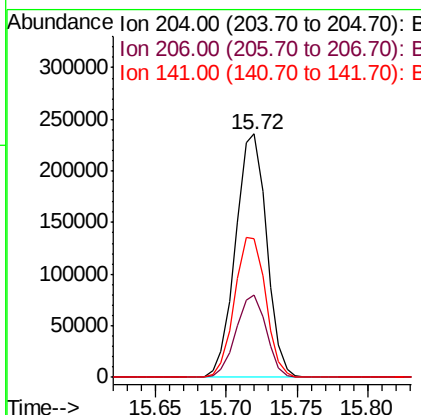
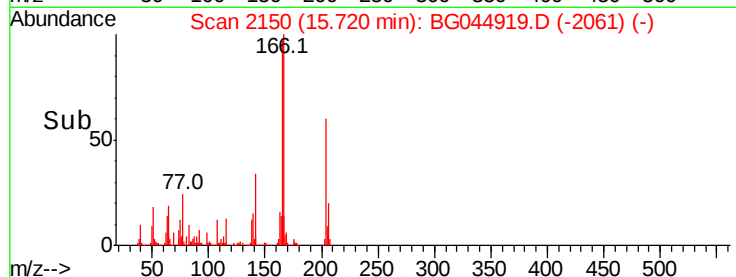
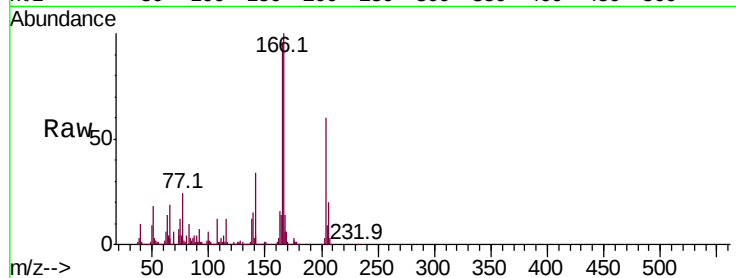
#61
4-Chlorophenyl-phenylether
Concen: 40.110 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	57.2	47.7	71.5

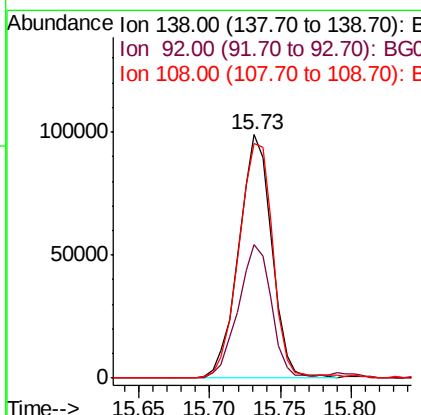
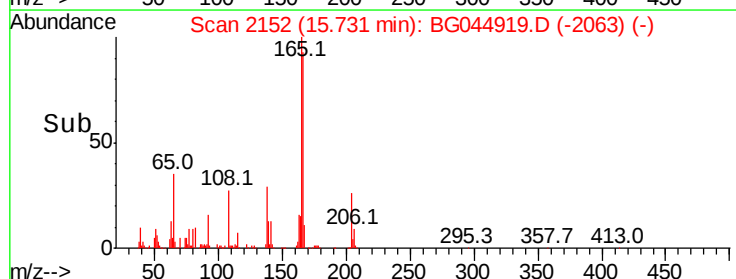
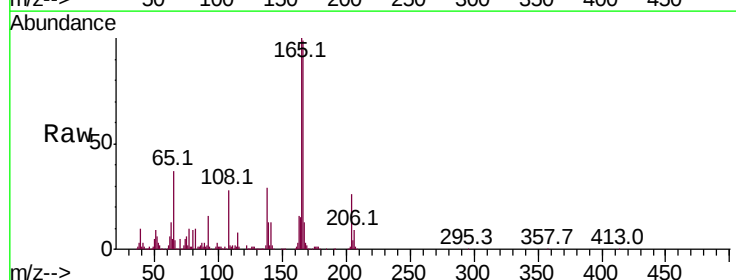
Manual Integrations
APPROVED

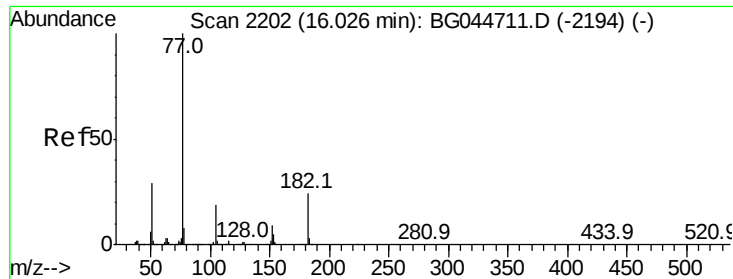
mohammad
3/23/2020 9:39:38 AM



#62
4-Nitroaniline
Concen: 36.490 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	34.5	74.5
108	96.5	74.5	114.5





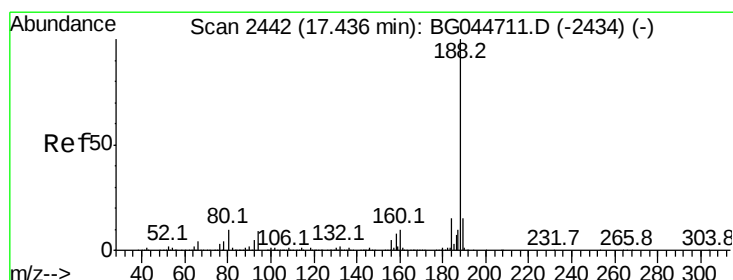
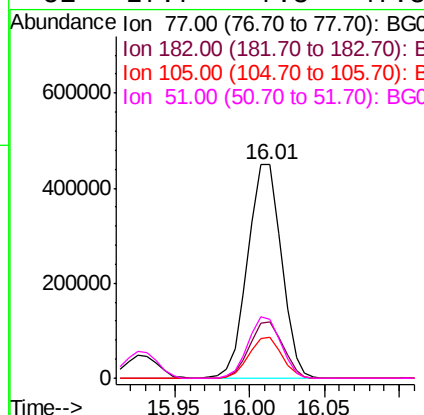
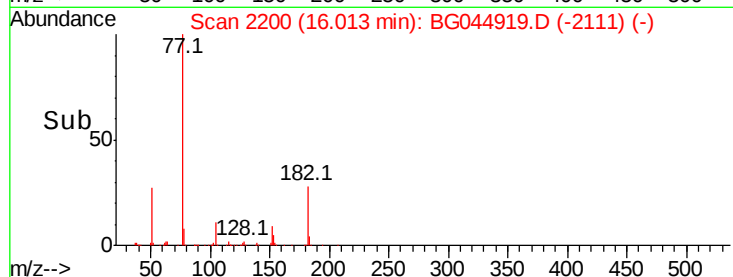
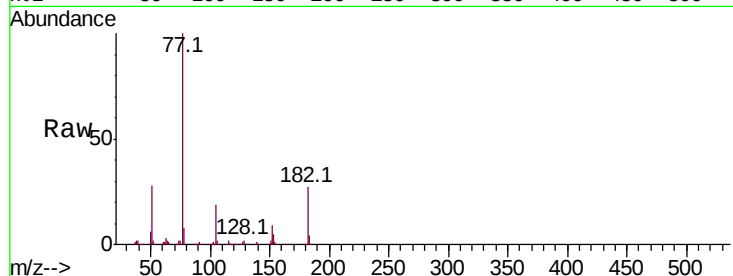
#63
Azobenzene
Concen: 36.144 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.6	6.4	46.4		
105	19.4	0.0	39.1		
51	27.7	7.3	47.3		

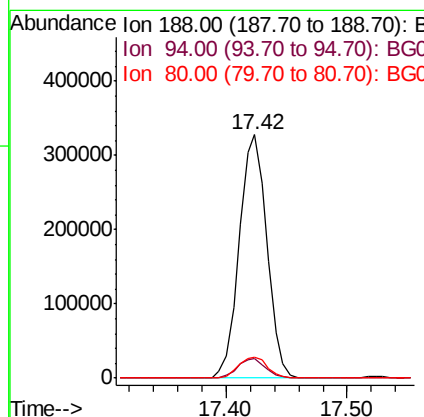
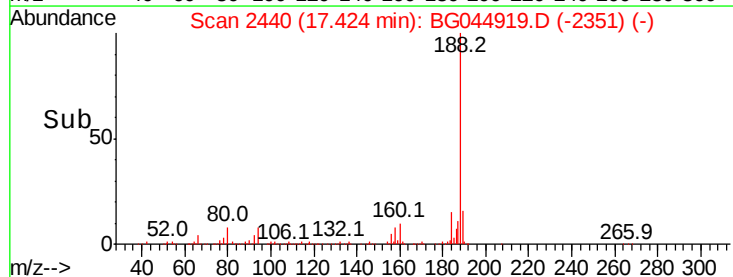
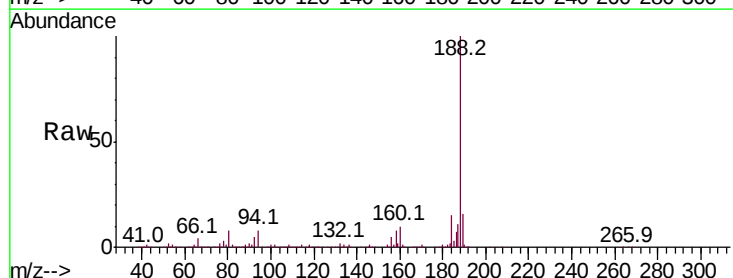
Manual Integrations
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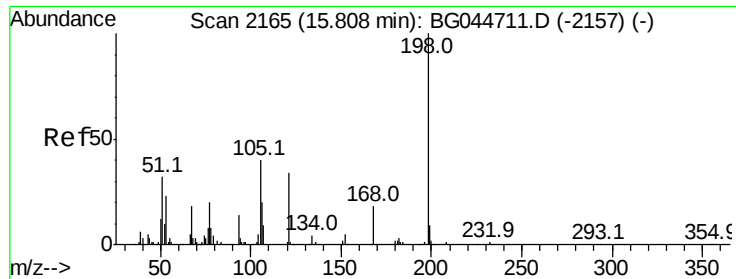
mohammad
3/23/2020 9:39:38 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.0	7.3	10.9		
80	8.5	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 49.855 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

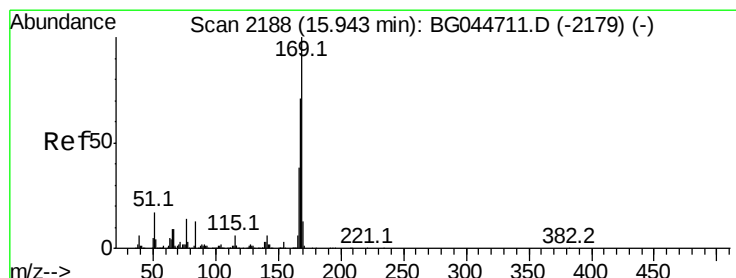
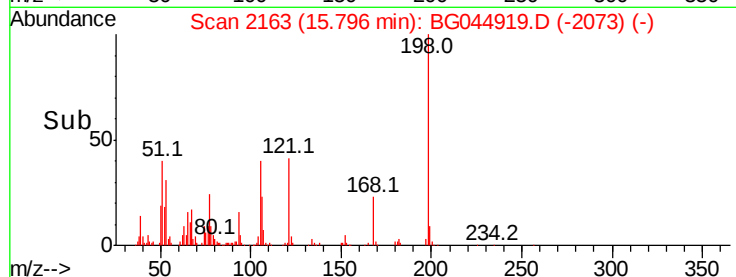
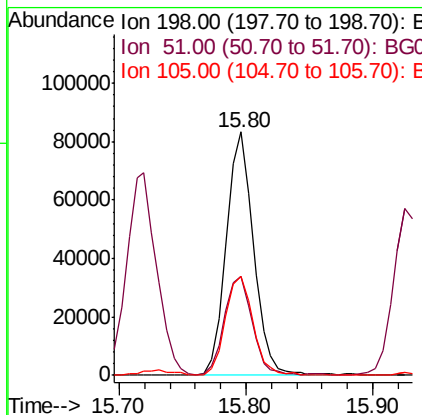
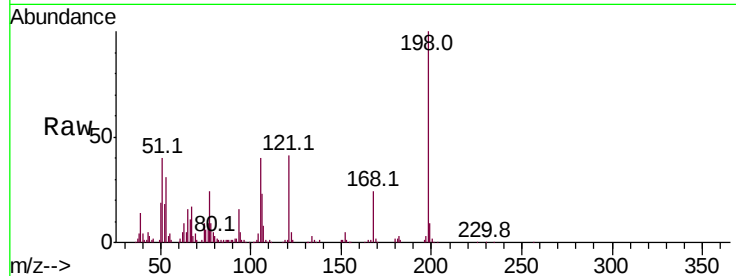
ClientSampled :

PB127702BSD

Tot Ion:	198	Resp:	123832
Ion Ratio	Lower	Upper	
198	100		
51	40.5	21.1	61.1
105	40.4	24.5	64.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.098 ng

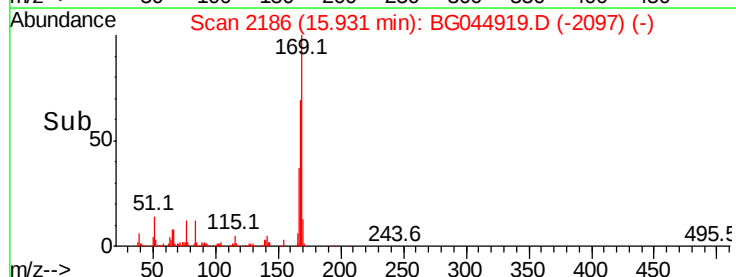
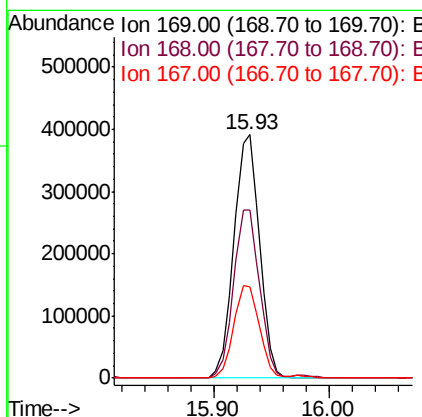
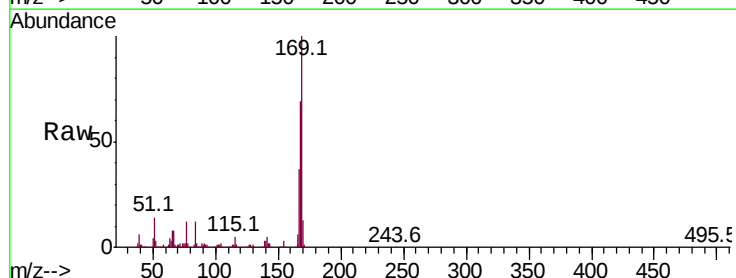
RT: 15.93 min Scan# 2186

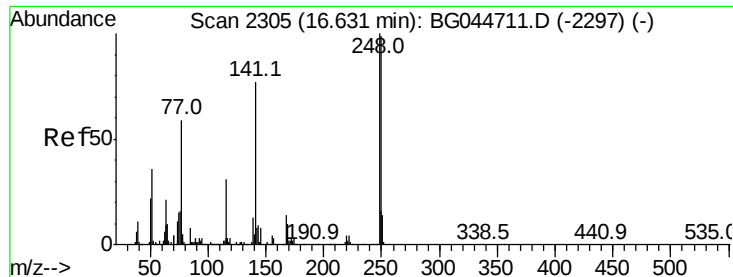
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	169	Resp:	601123
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.4	83.2
167	37.4	30.1	45.1





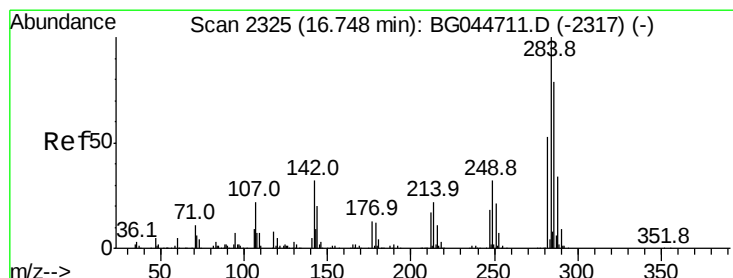
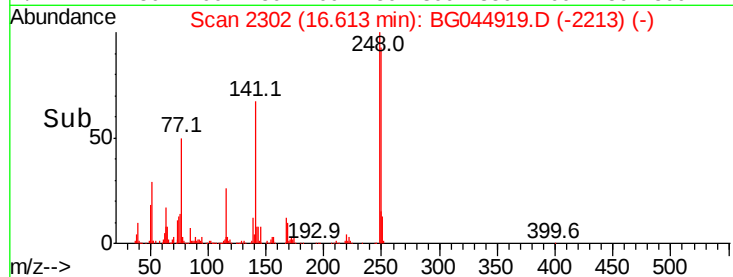
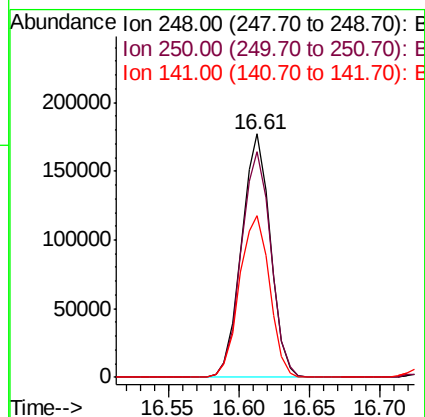
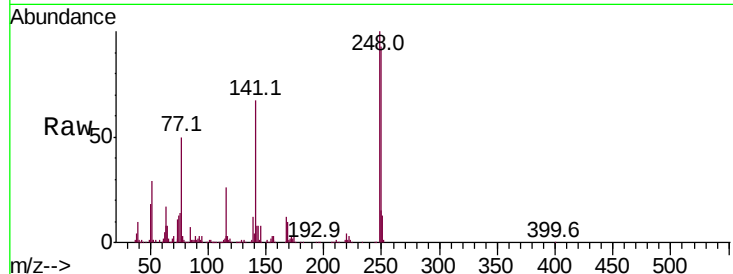
#67
4-Bromophenyl-phenylether
Concen: 38.457 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.9	77.9	116.9
141	66.6	57.5	86.3

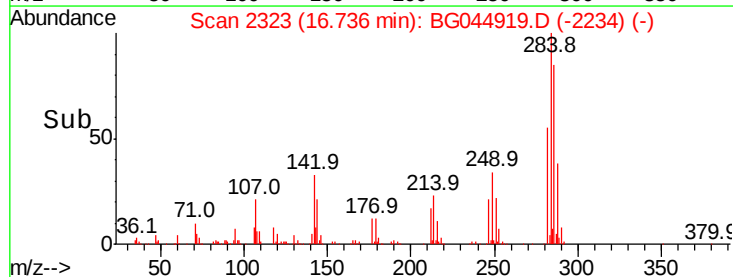
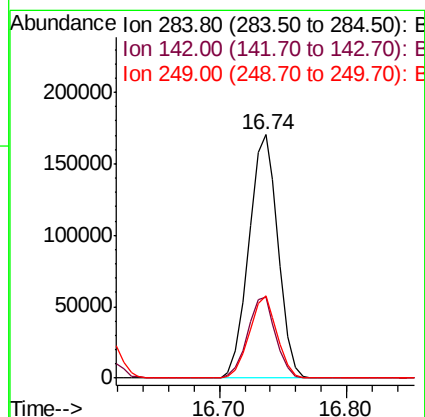
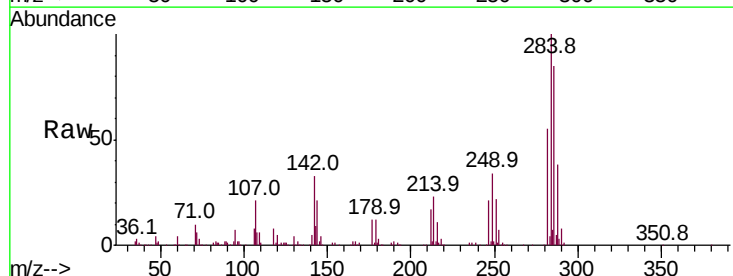
Manual Integrations
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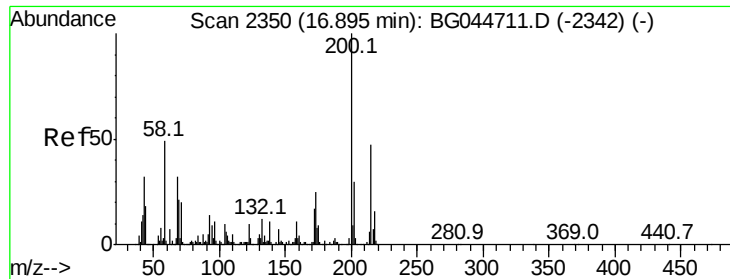
mohammad
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#68
Hexachlorobenzene
Concen: 38.076 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.0	37.6
249	33.8	25.8	38.8





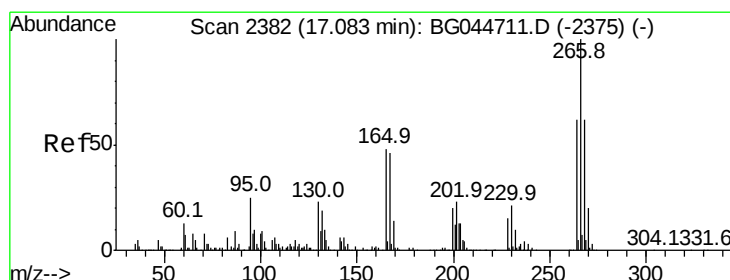
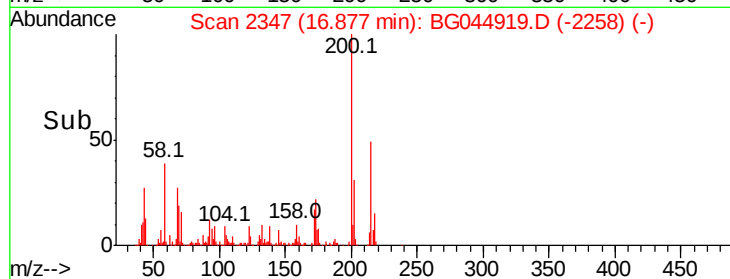
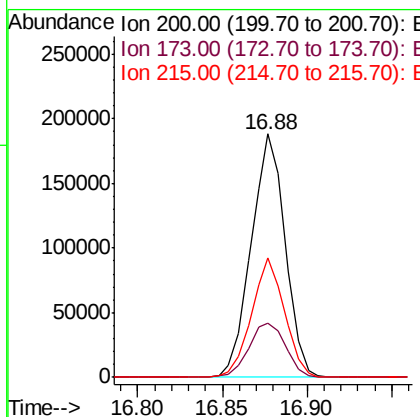
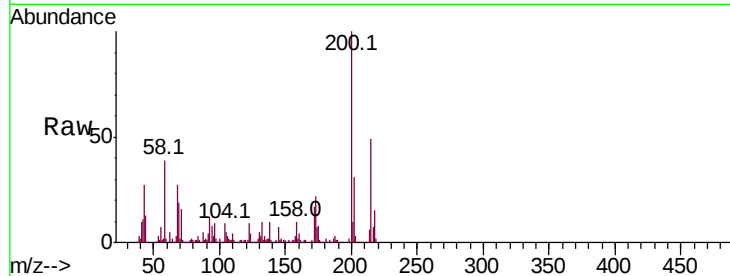
#69
Atrazine
Concen: 45.263 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.4	5.3	45.3
215	48.9	28.9	68.9

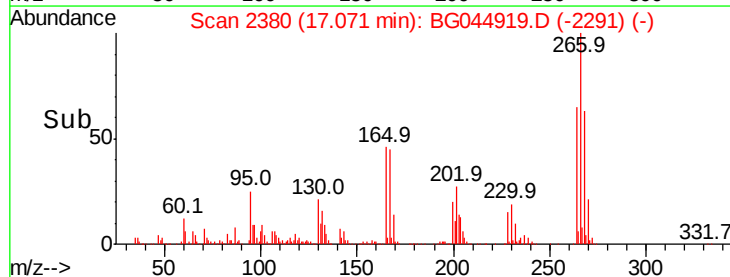
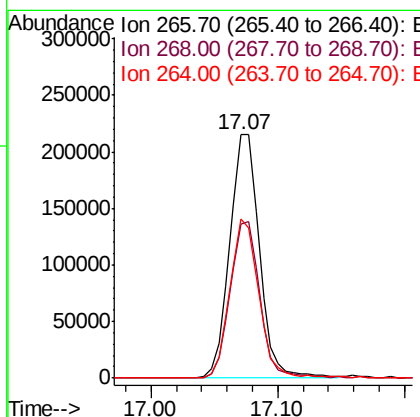
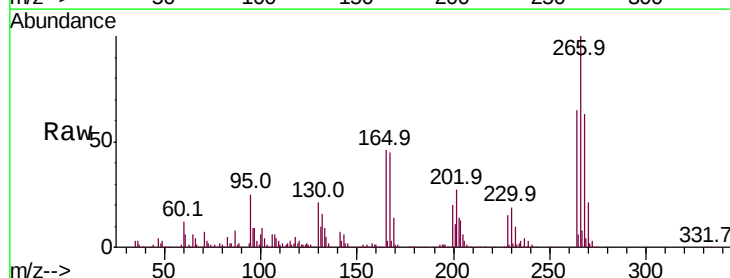
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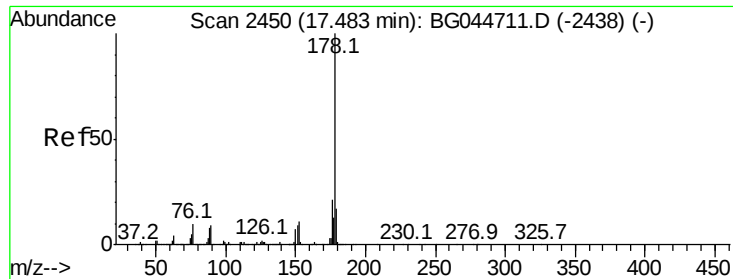
mohammad
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#70
Pentachlorophenol
Concen: 89.121 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.3	75.5
264	65.3	51.4	77.2





#71

Phenanthrene

Concen: 39.141 ng

RT: 17.46 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tot Ion:178 Resp: 1096167

Ion Ratio Lower Upper

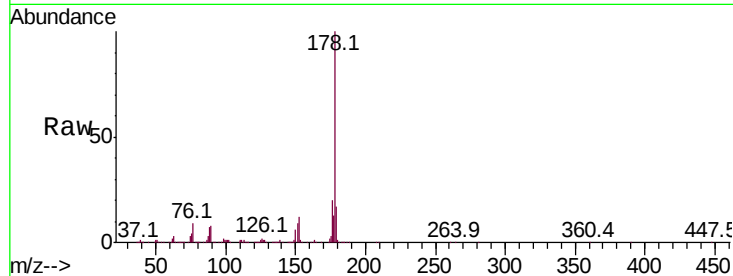
178 100

176 20.2 16.6 24.8

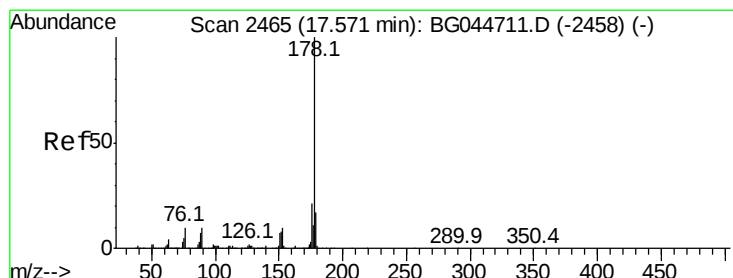
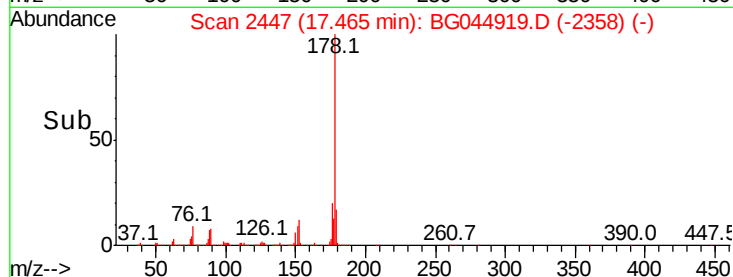
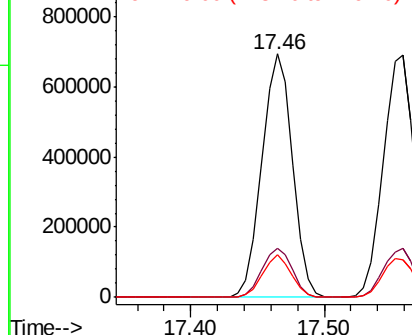
179 17.4 13.5 20.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.206 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

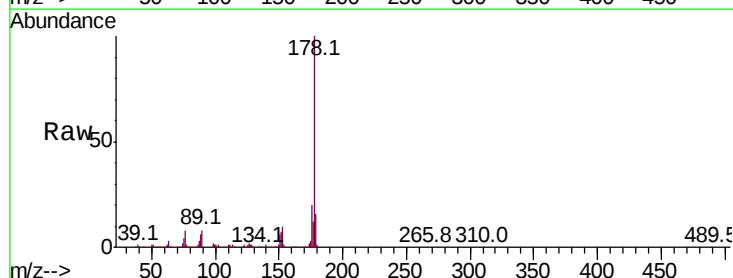
Tgt Ion:178 Resp: 1110303

Ion Ratio Lower Upper

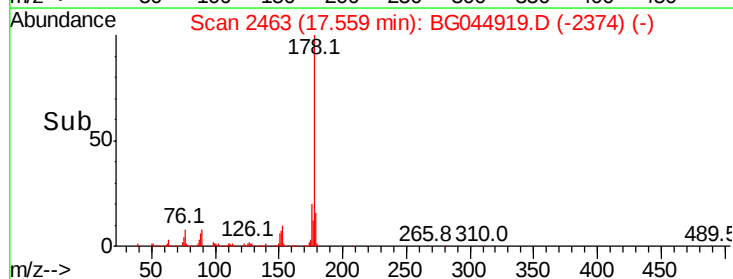
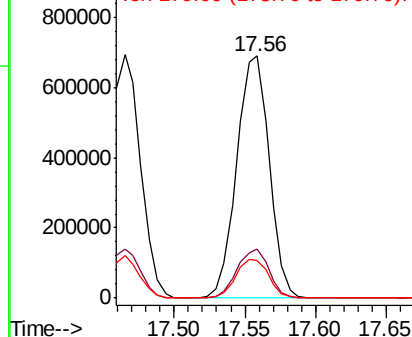
178 100

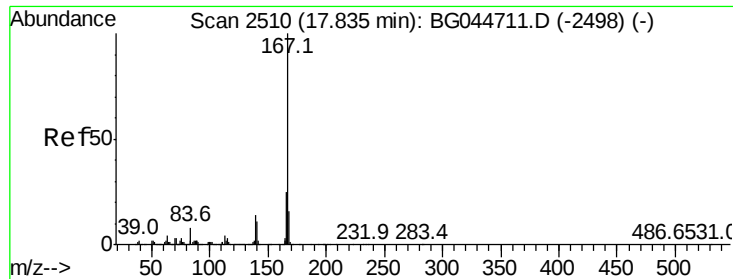
176 20.3 15.9 23.9

179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





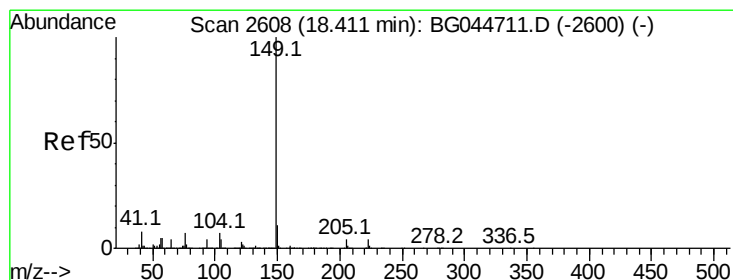
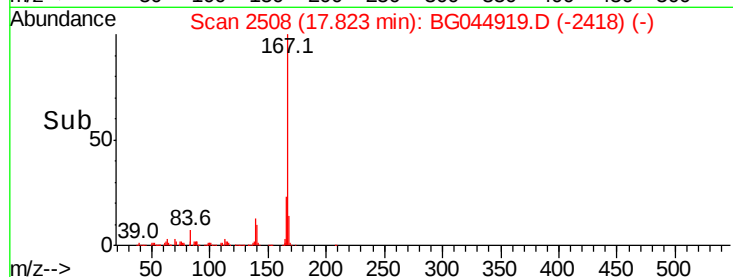
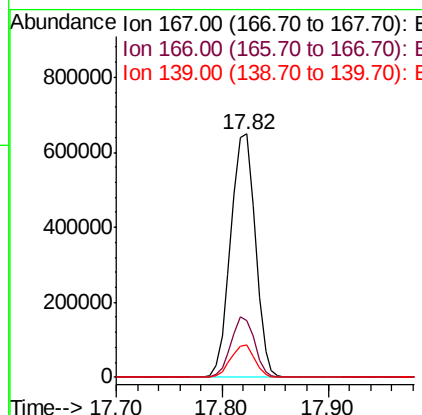
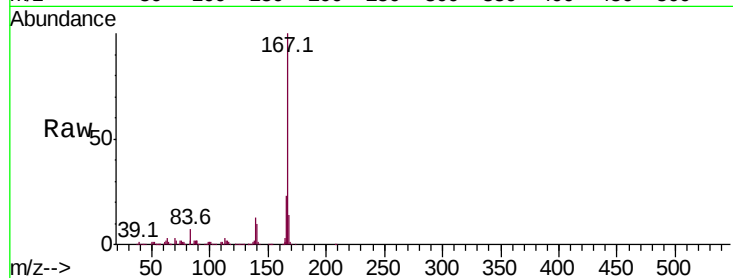
#73
 Carbazole
 Concen: 39.506 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.8	28.2
139	13.2	10.8	16.2

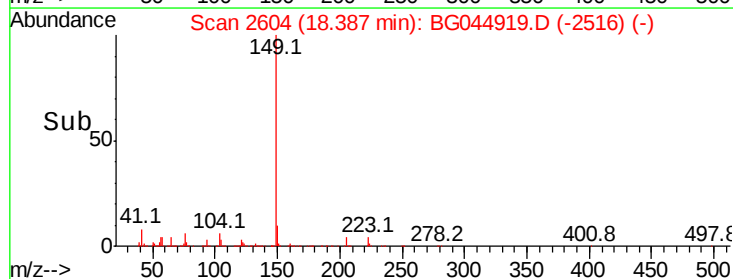
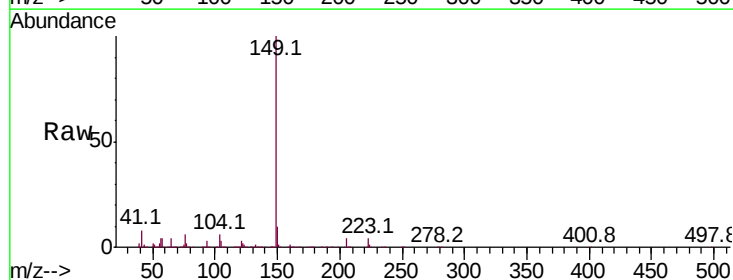
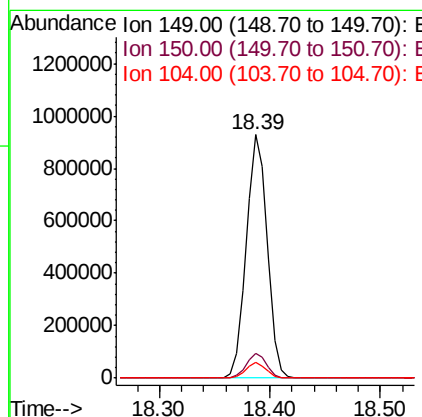
Manual Integrations
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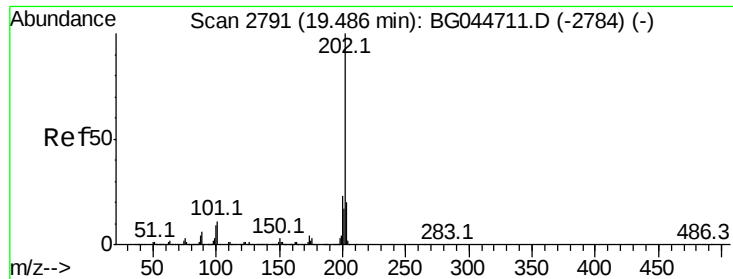
mohammad
 3/23/2020 9:39:38 AM



#74
 Di-n-butylphthalate
 Concen: 38.328 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 41.379 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

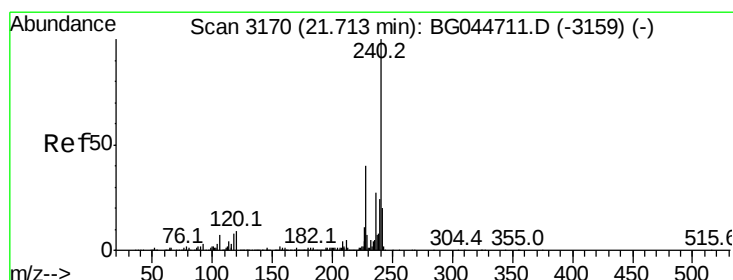
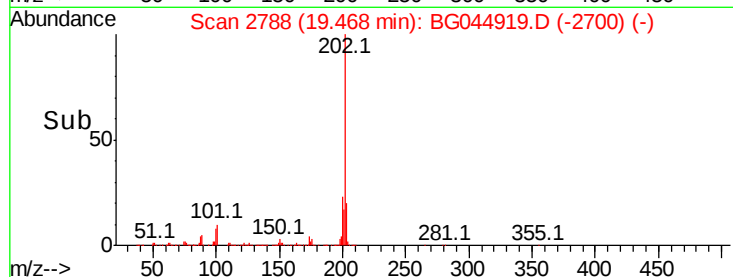
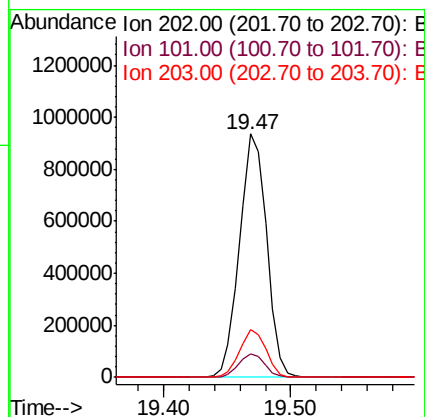
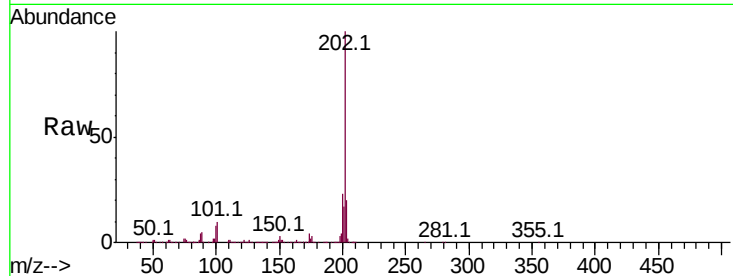
ClientSampleId :

PB127702BSD

Tot Ion:	202	Resp:	1379804
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.8
203	19.6	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

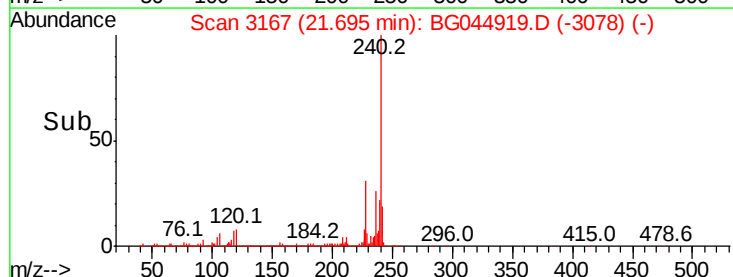
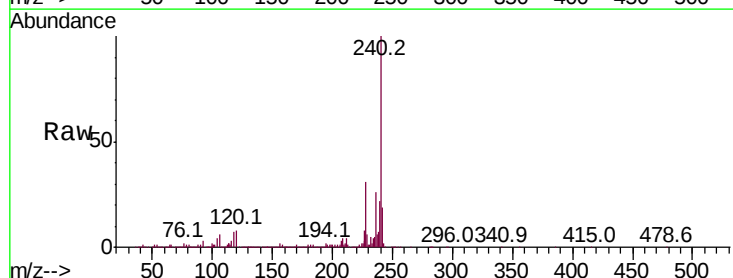
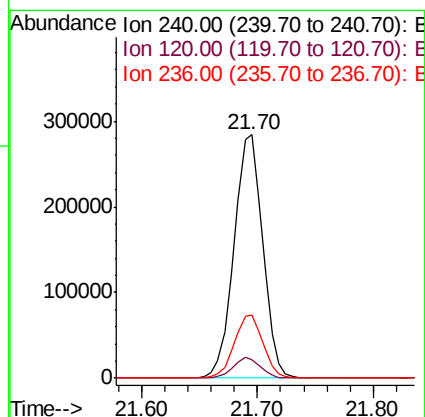
RT: 21.70 min Scan# 3167

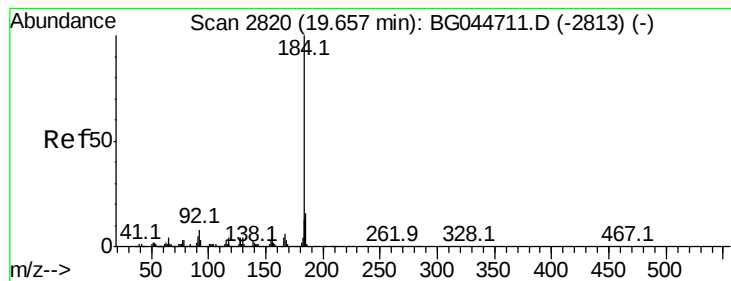
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	240	Resp:	487481
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.7	10.1
236	25.8	21.5	32.3





#77

Benzidine

Concen: 33.911 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

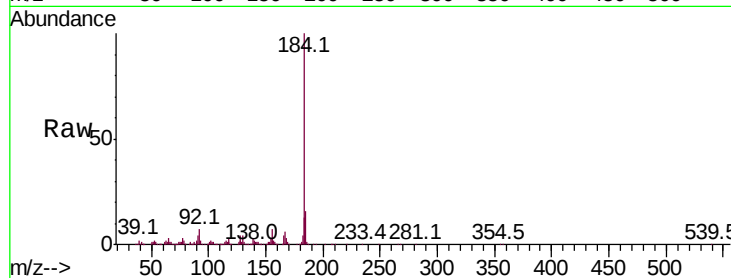
ClientSampleId :

PB127702BSD

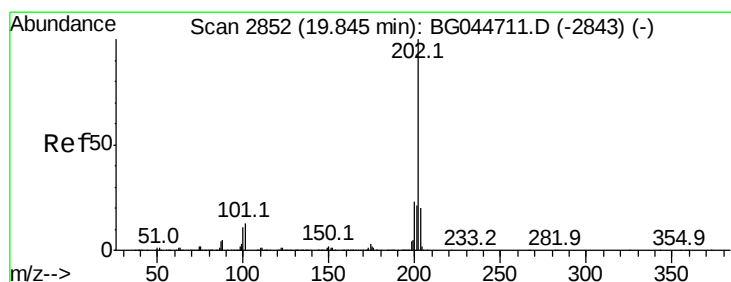
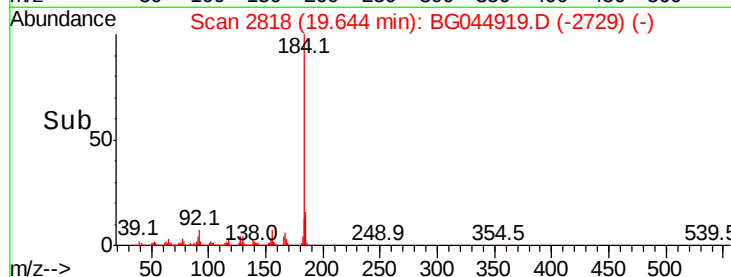
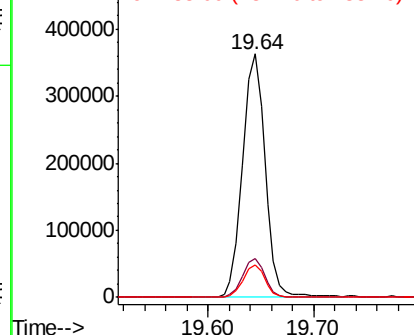
Tot Ion:	184	Resp:	536667
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.4
183	13.3	10.7	16.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.362 ng

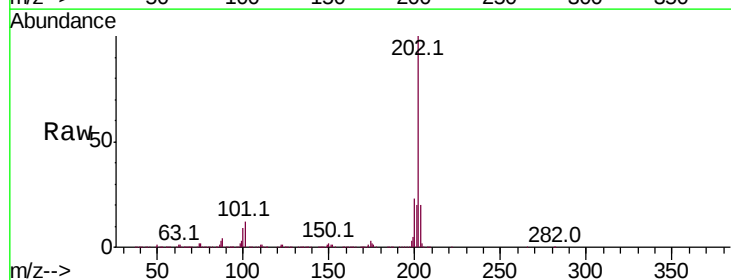
RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

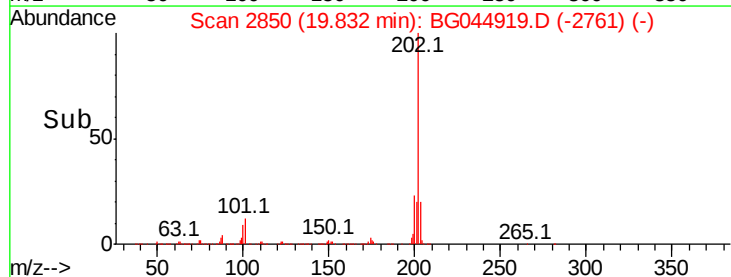
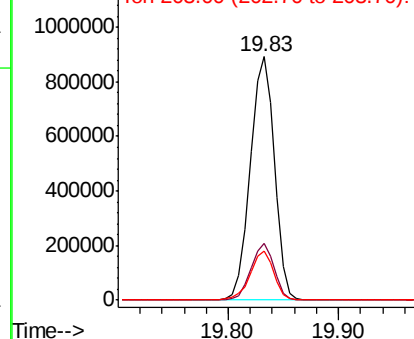
Lab File: BG044919.D

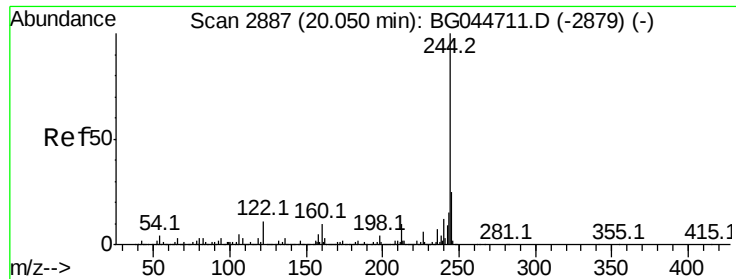
Acq: 20 Mar 2020 14:36

Tgt Ion:	202	Resp:	1372023
Ion Ratio	Lower	Upper	
202	100		
200	23.5	18.3	27.5
203	20.1	15.6	23.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





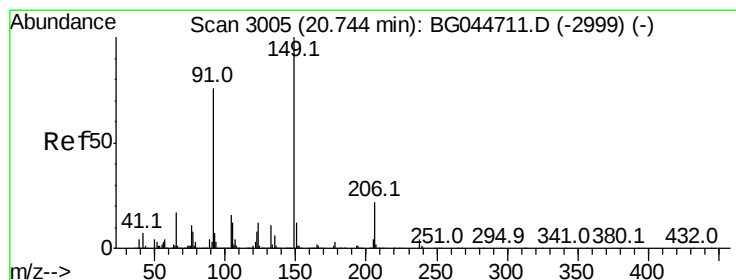
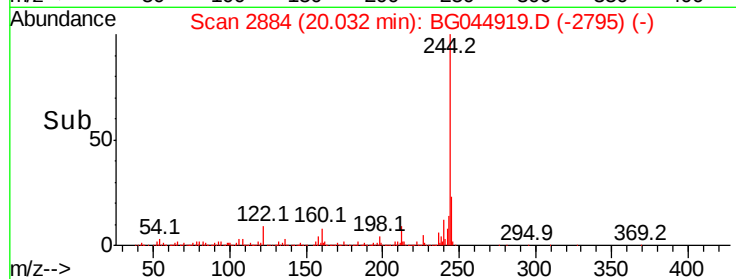
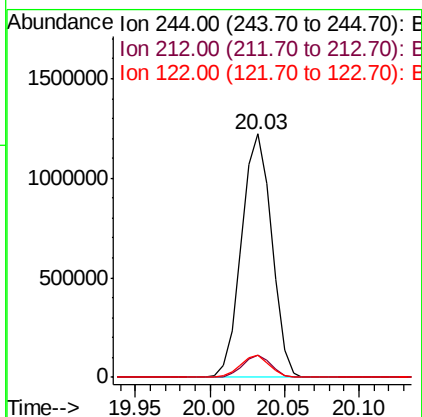
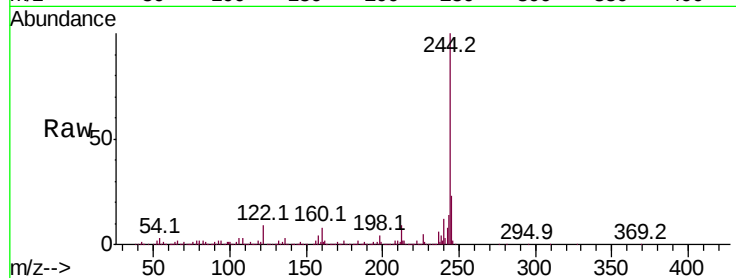
#79
 Terphenyl-d14
 Concen: 65.500 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Instrument :
 BNA_G
 ClientSampleId :
 PB127702BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.7	11.5
122	9.0	8.6	12.8

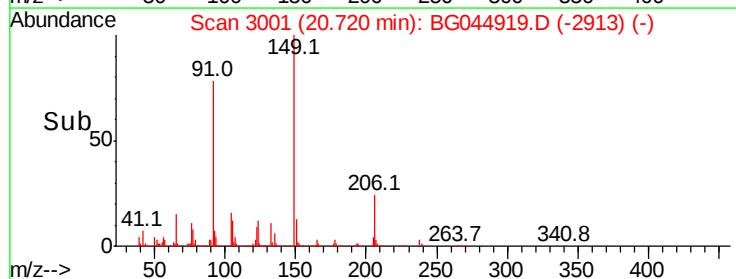
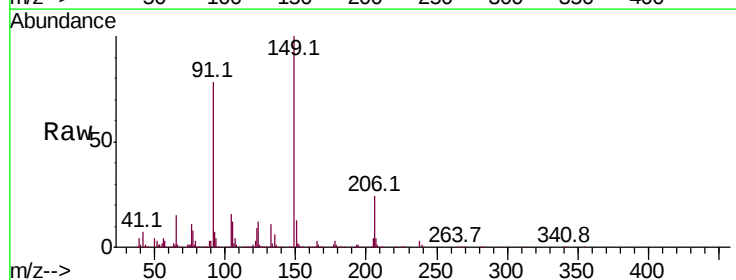
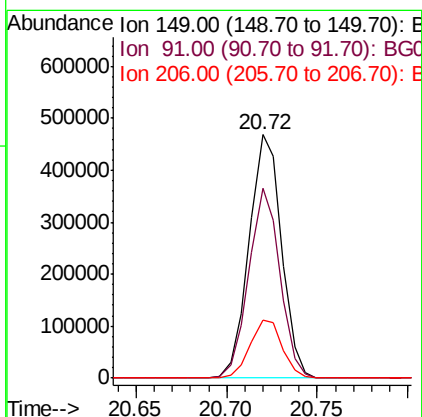
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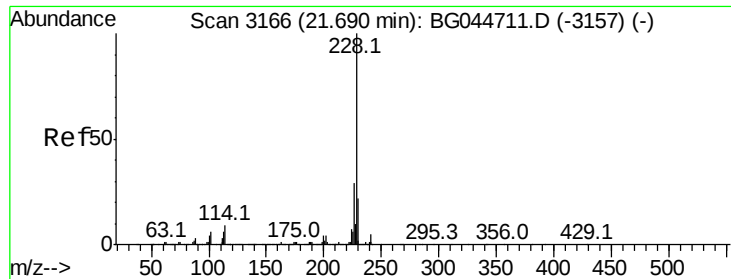
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.601 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044919.D
 Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.0	60.2	90.4
206	24.0	18.6	27.8





#81

Benzo(a)anthracene

Concen: 38.436 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

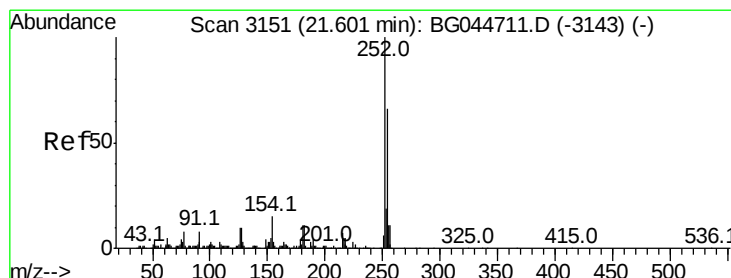
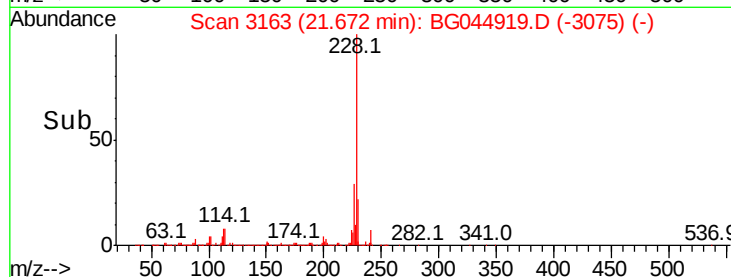
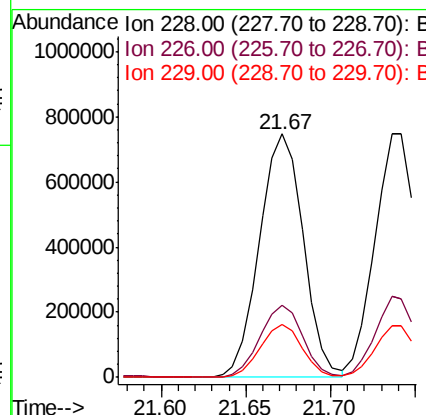
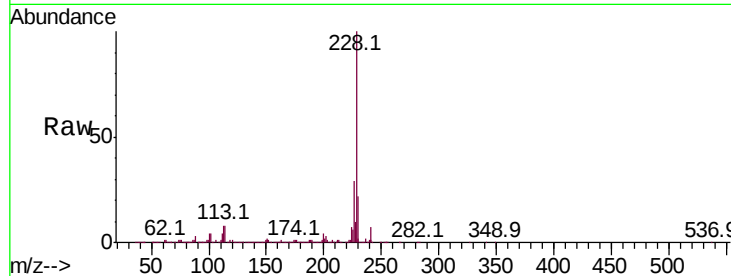
ClientSampleId :

PB127702BSD

Tot Ion:	228	Resp:	1349193
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	21.8	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.264 ng

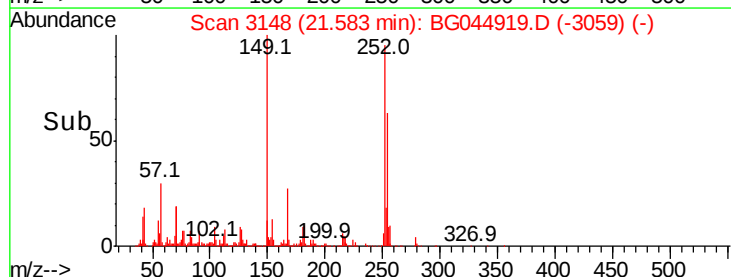
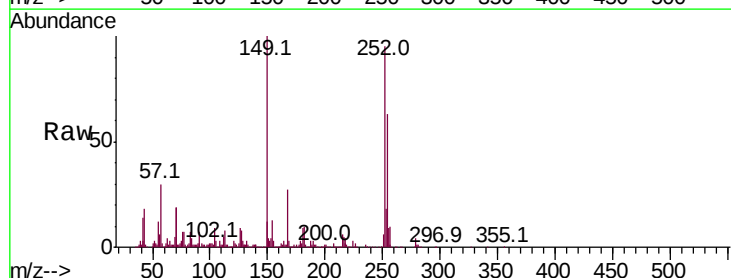
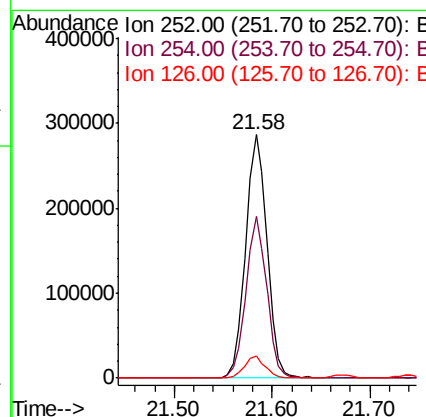
RT: 21.58 min Scan# 3148

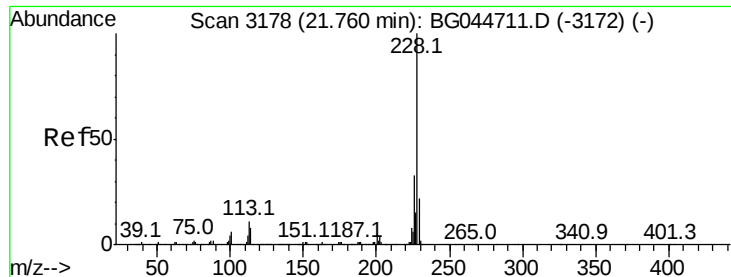
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion:	252	Resp:	438141
Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.6	77.4
126	9.0	7.0	10.6





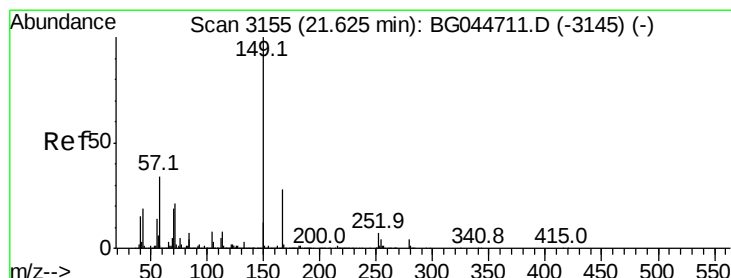
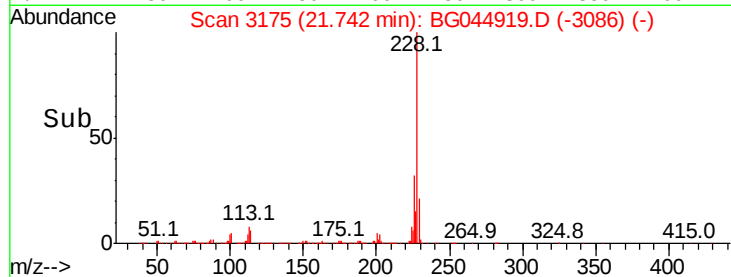
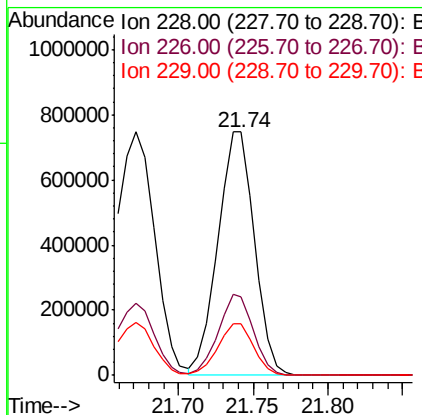
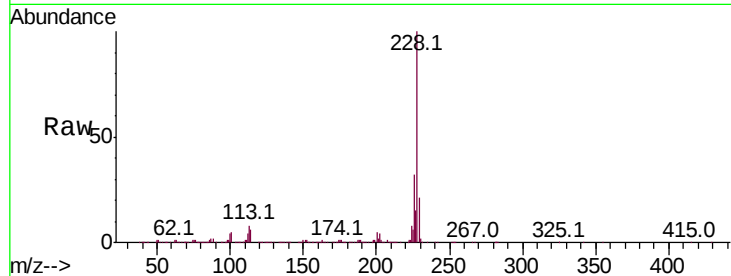
#83
Chrysene
Concen: 38.133 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.9	38.9
229	21.3	17.4	26.0

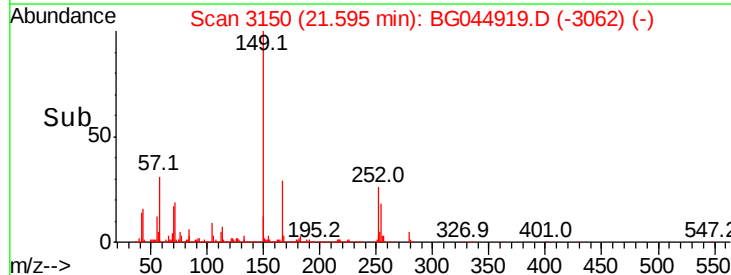
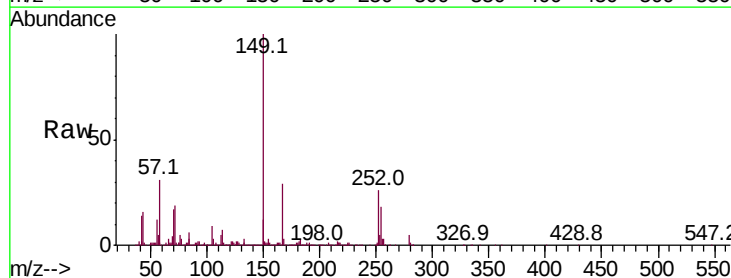
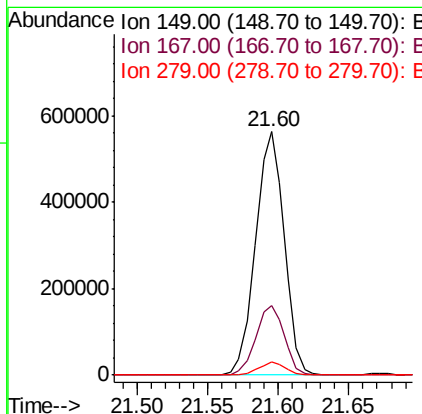
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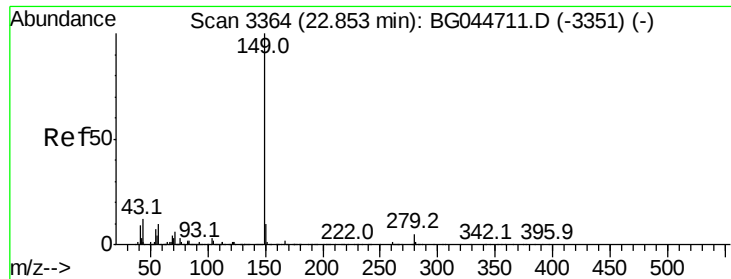
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.493 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.6
279	5.4	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 38.191 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

ClientSampleId :

PB127702BSD

Tot Ion:149 Resp: 1403378

Ion Ratio Lower Upper

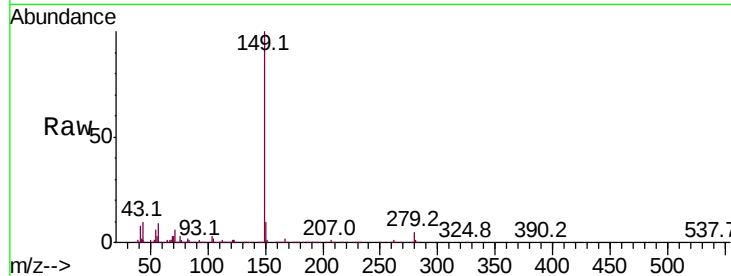
149 100

167 1.8 1.4 2.0

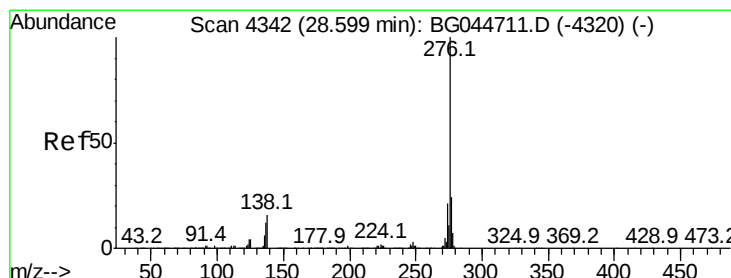
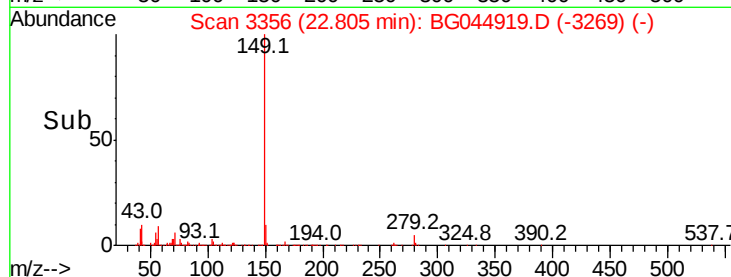
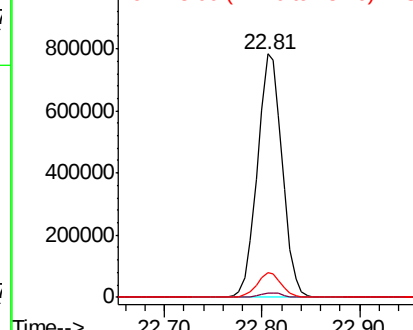
43 9.9 8.2 12.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.295 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.03 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

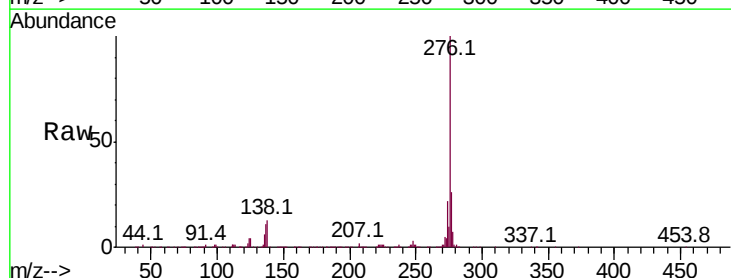
Tgt Ion:276 Resp: 1727375

Ion Ratio Lower Upper

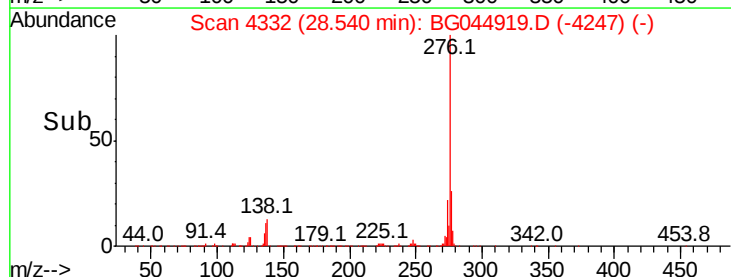
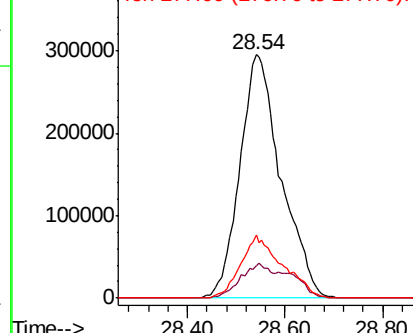
276 100

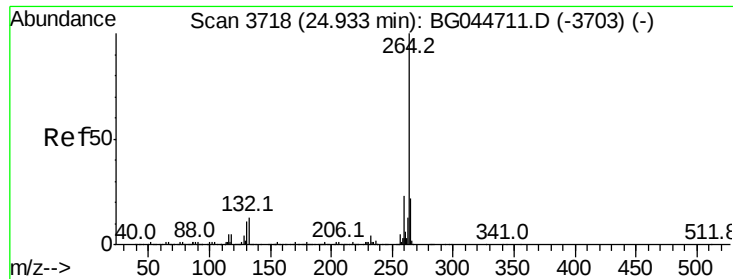
138 10.8 7.4 11.0

277 26.0 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Instrument :

BNA_G

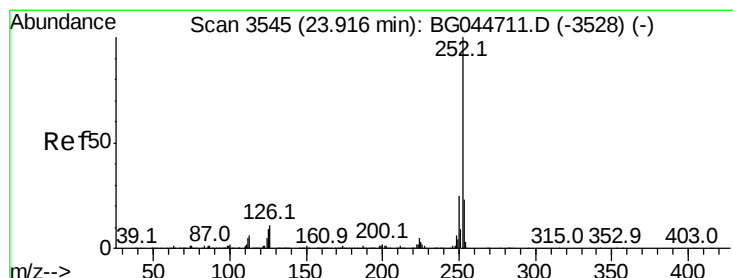
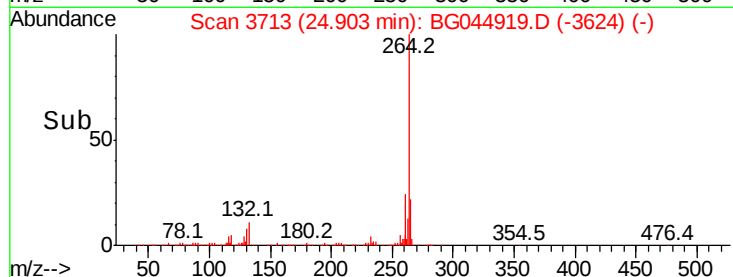
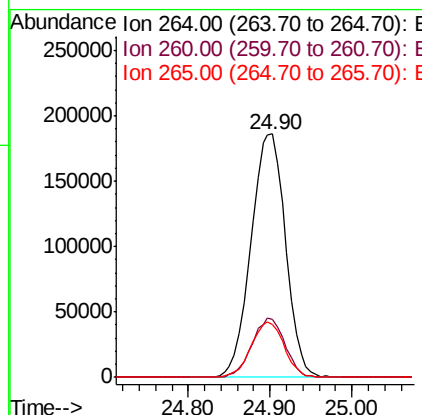
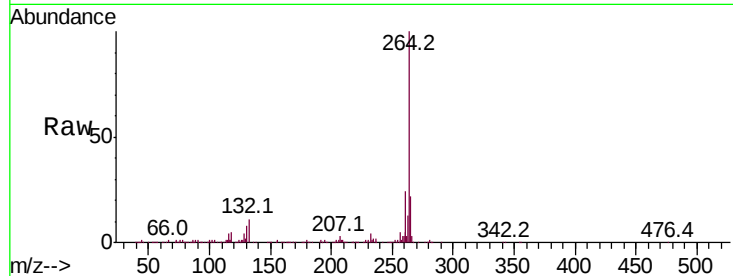
ClientSampleId :

PB127702BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.1	27.1
265	21.8	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 40.156 ng

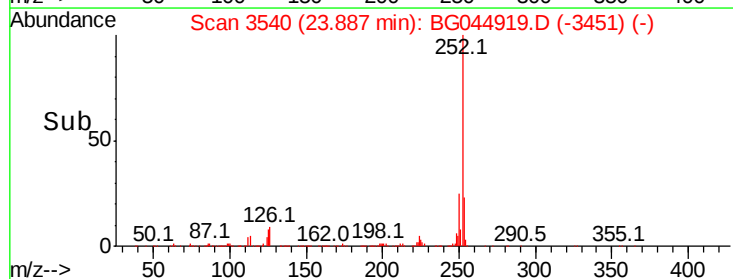
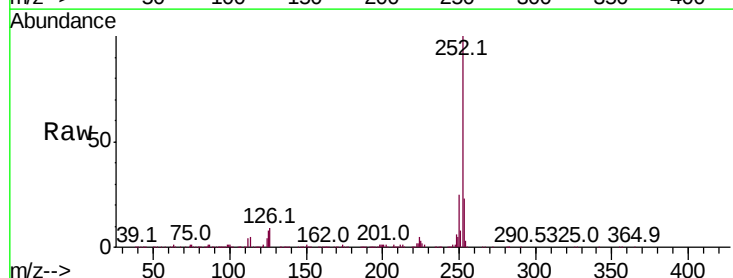
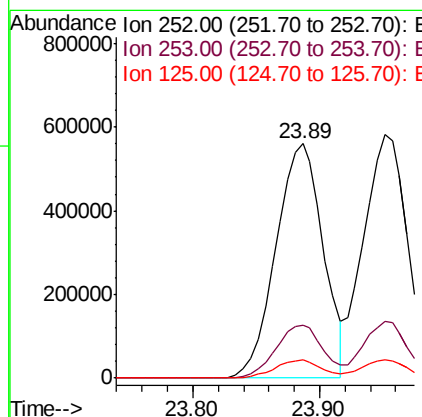
RT: 23.89 min Scan# 3540

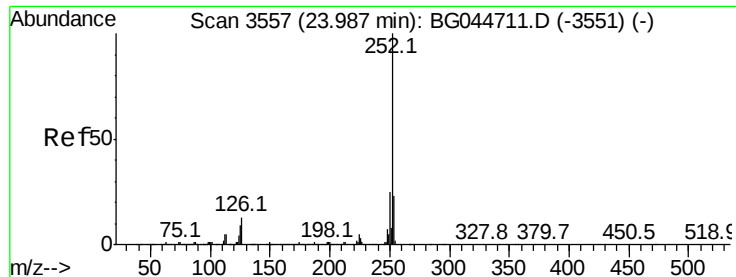
Delta R.T. -0.01 min

Lab File: BG044919.D

Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.7	6.6	9.8





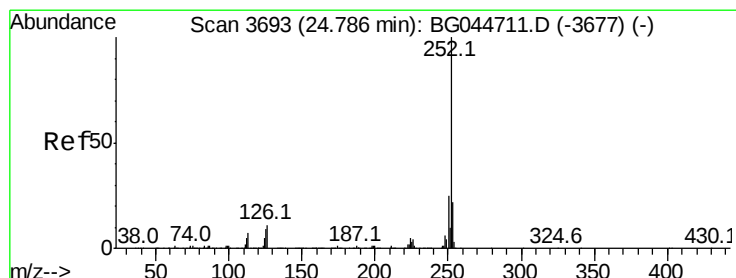
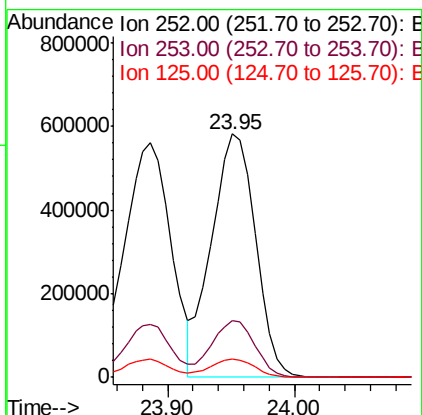
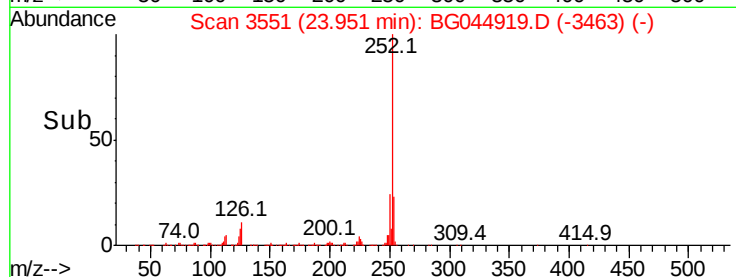
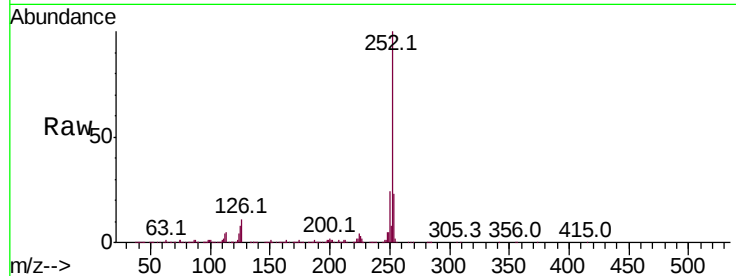
#89
Benzo(k)fluoranthene
Concen: 41.012 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	7.8	6.2	9.2

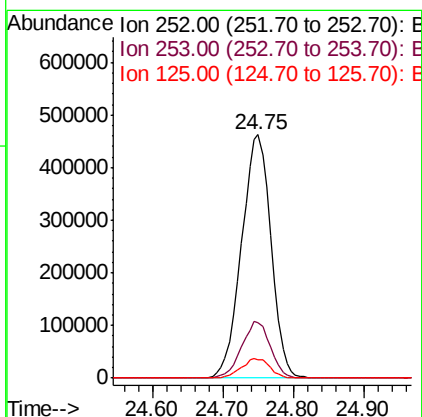
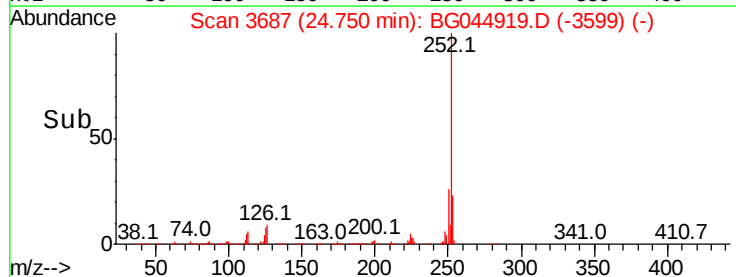
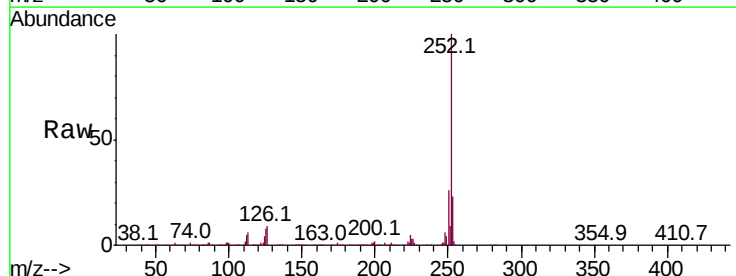
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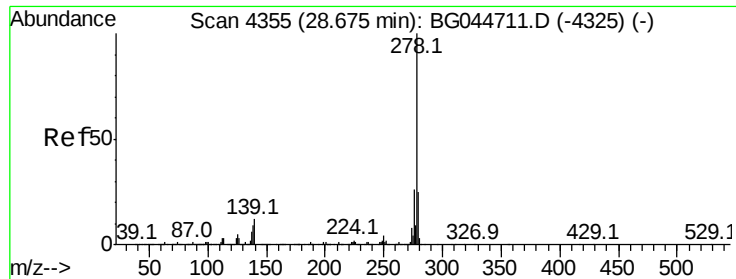
mohammad
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#90
Benzo(a)pyrene
Concen: 39.789 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.0
125	7.6	7.2	10.8





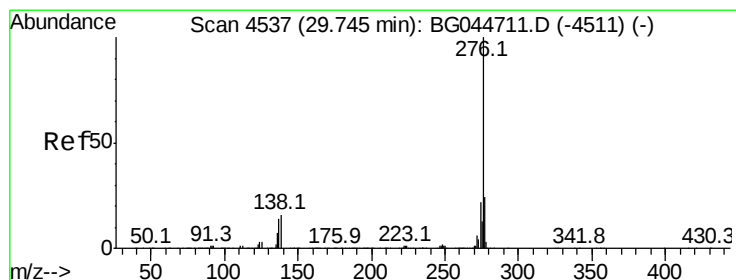
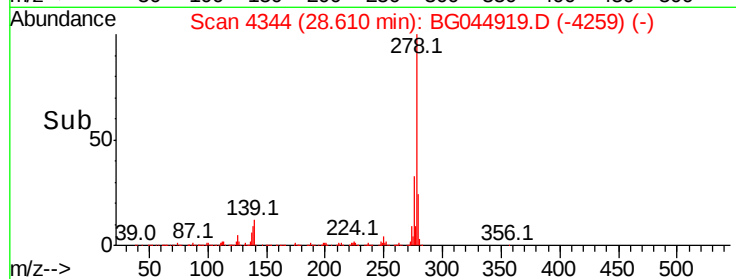
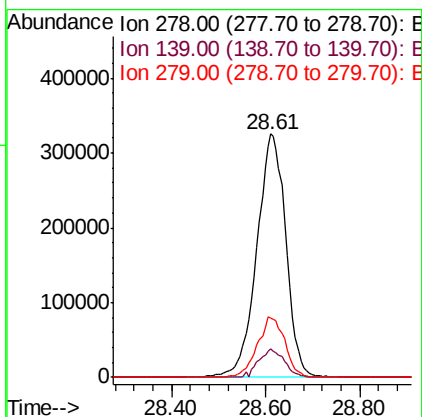
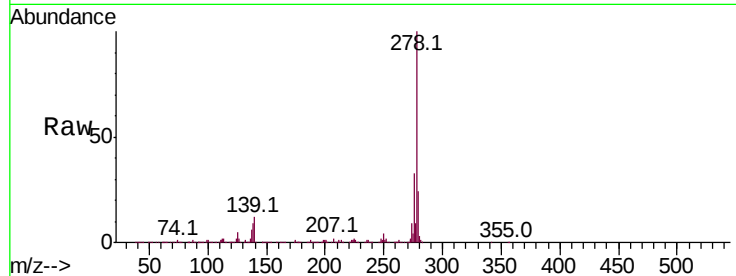
#91
Dibenzo(a,h)anthracene
Concen: 41.977 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Instrument :
BNA_G
ClientSampleId :
PB127702BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.7	10.2	15.2
279	24.3	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/23/2020 9:39:38 AM



#92
Benzo(g,h,i)perylene
Concen: 42.768 ng
RT: 29.69 min Scan# 4527
Delta R.T. -0.02 min
Lab File: BG044919.D
Acq: 20 Mar 2020 14:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	20.1	30.1
138	14.0	13.0	19.6

