

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
 Data File : BG044114.D
 Acq On : 21 Jan 2020 1:33
 Operator : JU
 Sample : L1176-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

Manual Integrations
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Quant Time: Jan 21 07:26:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84155	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	359139	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	245241	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	517993	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	424736	20.00	ng	-0.03
87) Perylene-d12	24.67	264	490912	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	663582	144.78	ng	-0.03
7) Phenol-d6	7.11	99	932427	145.54	ng	-0.02
23) Nitrobenzene-d5	9.09	82	534902	79.68	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	355451	138.50	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1207001	89.17	ng	-0.03
79) Terphenyl-d14	19.93	244	1715784	102.68	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	85047	42.557 ng	97
3) Pyridine	3.79	79	215533	36.508 ng	93
4) n-Nitrosodimethylamine	3.70	42	111549	42.440 ng	96
6) Aniline	7.25	93	159752	18.984 ng	98
8) 2-Chlorophenol	7.50	128	282640	52.529 ng	98
9) Benzaldehyde	7.07	77	143608	35.023 ng	99
10) Phenol	7.14	94	379869	57.548 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	259430	45.531 ng	99
12) 1,3-Dichlorobenzene	7.82	146	284107	45.121 ng	99
13) 1,4-Dichlorobenzene	7.96	146	288771	46.481 ng	99
14) 1,2-Dichlorobenzene	8.29	146	274326	46.003 ng	99
15) Benzyl Alcohol	8.17	79	238561	47.181 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	354223	40.183 ng	100
17) 2-Methylphenol	8.38	107	243796	51.038 ng	96
18) Hexachloroethane	9.02	117	108216	44.765 ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	209340	43.877 ng	97
20) 3+4-Methylphenols	8.71	107	339948	51.015 ng	99
22) Acetophenone	8.75	105	387785	43.432 ng	# 98
24) Nitrobenzene	9.13	77	297742	44.779 ng	99
25) Isophorone	9.66	82	579153	45.983 ng	99
26) 2-Nitrophenol	9.84	139	164487	52.288 ng	95
27) 2,4-Dimethylphenol	9.91	122	271630	57.362 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	365728	43.555 ng	98
29) 2,4-Dichlorophenol	10.39	162	288373	51.053 ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	281929	44.515 ng	99
31) Naphthalene	10.78	128	840238	48.347 ng	99
32) Benzoic acid	10.06	122	147278	39.471 ng	98
33) 4-Chloroaniline	10.89	127	76207	9.193 ng	99
34) Hexachlorobutadiene	11.08	225	163538	42.292 ng	99
35) Caprolactam	11.66	113	109655m	52.148 ng	
36) 4-Chloro-3-methylphenol	12.02	107	316866	52.696 ng	97
37) 2-Methylnaphthalene	12.39	142	633431	48.412 ng	97
38) 1-Methylnaphthalene	12.61	142	604079	48.713 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	300964	41.870 ng	99

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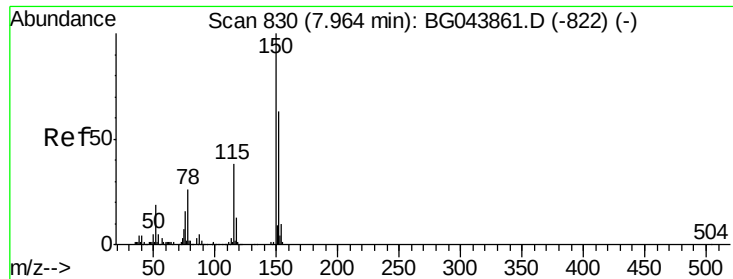
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	391666	105.102	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	233512	47.213	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	252193	49.438	nq	98
46) 1,1'-Biphenyl	13.40	154	807059	45.899	nq	99
47) 2-Chloronaphthalene	13.44	162	632940	44.547	nq	99
48) 2-Nitroaniline	13.64	65	199439	43.636	nq	98
49) Acenaphthylene	14.29	152	1019235	49.909	nq	97
50) Dimethylphthalate	14.03	163	916672	52.643	nq	99
51) 2,6-Dinitrotoluene	14.14	165	185674	47.176	nq	97
52) Acenaphthene	14.63	154	635549	44.377	nq	99
53) 3-Nitroaniline	14.47	138	76594	17.137	nq	93
54) 2,4-Dinitrophenol	14.67	184	200565	98.656	nq	97
55) Dibenzofuran	14.97	168	966687	49.032	nq	99
56) 4-Nitrophenol	14.79	139	338853	98.937	nq	96
57) 2,4-Dinitrotoluene	14.93	165	260731	48.686	nq	99
58) Fluorene	15.61	166	767037	49.086	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	218834	49.889	nq	98
60) Diethylphthalate	15.39	149	834555	47.918	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	397391	46.834	nq	99
62) 4-Nitroaniline	15.63	138	185574	42.046	nq	96
63) Azobenzene	15.90	77	779884	48.284	nq	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	153283	56.572	nq	94
66) n-Nitrosodiphenylamine	15.83	169	723277	47.415	nq	98
67) 4-Bromophenyl-phenylether	16.50	248	258214	44.322	nq	98
68) Hexachlorobenzene	16.62	284	280926	44.751	nq	98
69) Atrazine	16.78	200	264519	53.347	nq	99
70) Pentachlorophenol	16.97	266	299025	86.411	nq	100
71) Phenanthrene	17.35	178	1187600	47.799	nq	99
72) Anthracene	17.45	178	1227178	49.978	nq	98
73) Carbazole	17.71	167	1080563	47.641	nq	97
74) Di-n-butylphthalate	18.28	149	1337901	46.200	nq	97
75) Fluoranthene	19.36	202	1340442	47.175	nq	98
77) Benzidine	19.54	184	351696	32.943	nq	96
78) Pyrene	19.73	202	1350153	48.699	nq	97
80) Butylbenzylphthalate	20.62	149	631946	47.877	nq	94
81) Benzo(a)anthracene	21.54	228	1286433	48.846	nq	97
82) 3,3'-Dichlorobenzidine	21.46	252	211632	20.340	nq	97
83) Chrysene	21.61	228	1218654	48.698	nq	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	887658	48.739	nq	98
85) Di-n-octyl phthalate	22.64	149	1549363	50.603	nq	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1590106	46.755	nq	100
88) Benzo(b)fluoranthene	23.69	252	1353720	46.645	nq	99
89) Benzo(k)fluoranthene	23.76	252	1309399	47.446	nq	99
90) Benzo(a)pyrene	24.53	252	1252413	45.723	nq	98
91) Dibenzo(a,h)anthracene	28.26	278	1312190	47.701	nq	99
92) Benzo(g,h,i)perylene	29.30	276	1325908	48.524	nq	98

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



#1

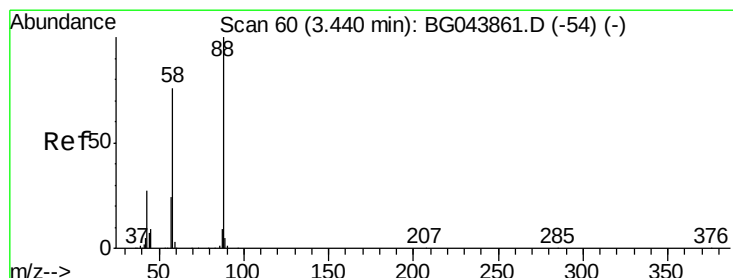
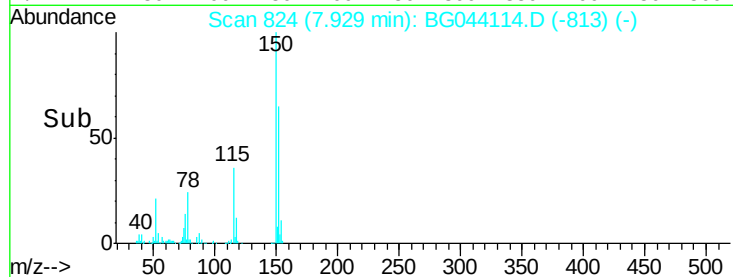
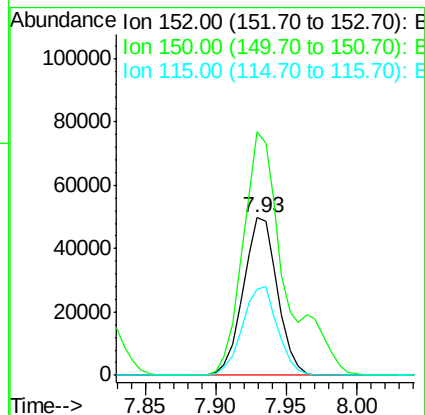
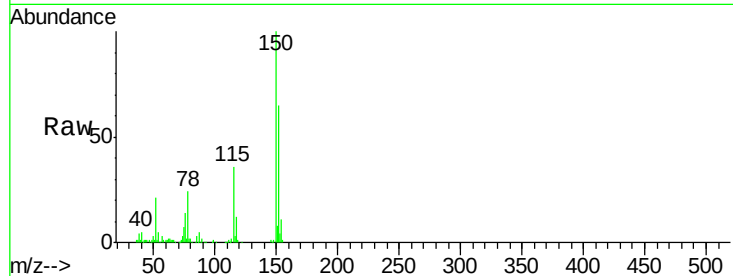
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.0	190.4
115	54.8	47.8	71.8

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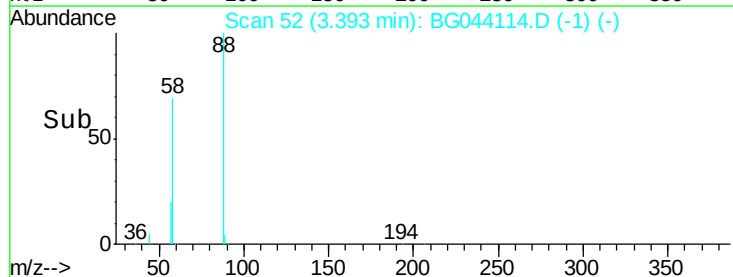
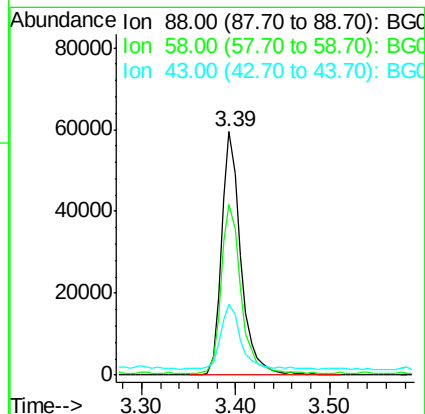
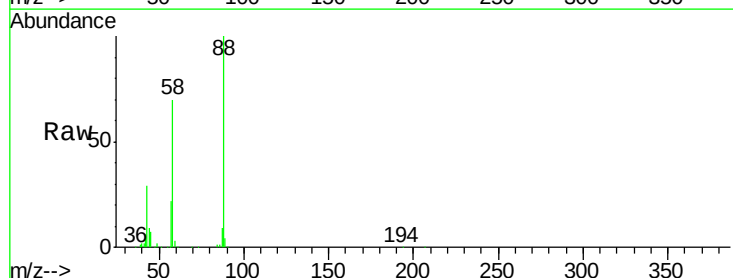
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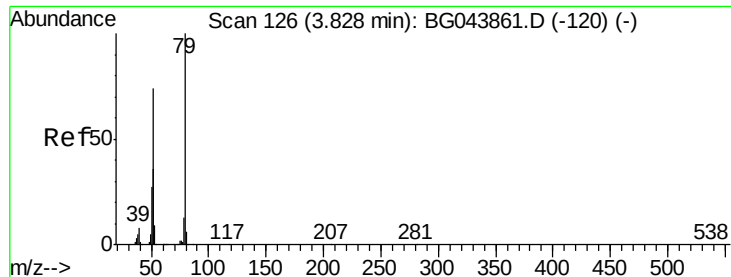


#2

1,4-Dioxane
Concen: 42.557 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	59.8	89.8
43	27.6	22.9	34.3





#3

Pvridine

Concen: 36.508 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

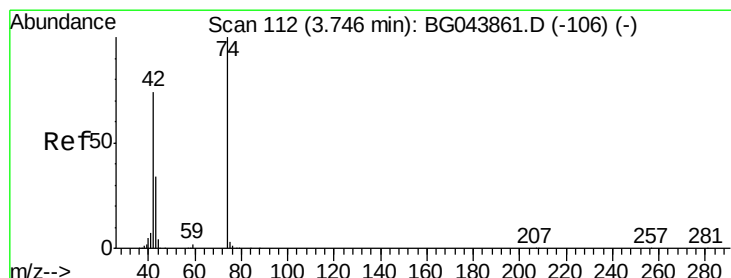
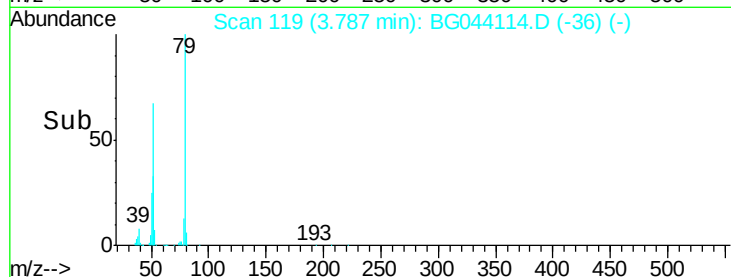
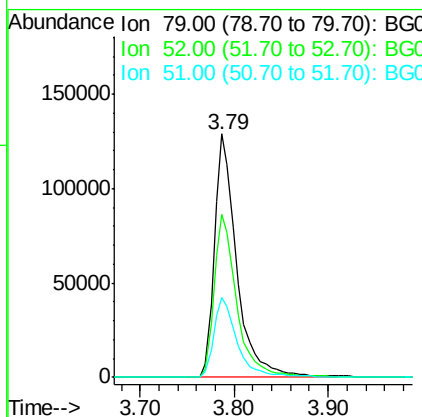
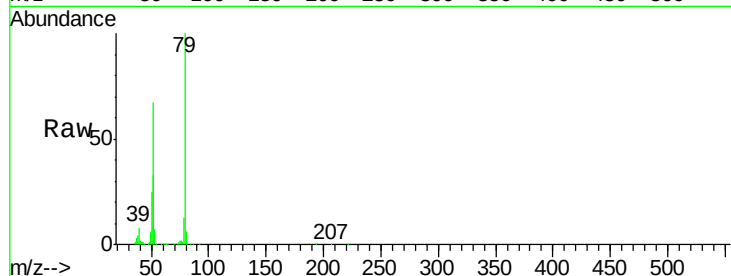
ClientSampleId :

EP-3MS

Tot Ion:	79	Resp:	21533
Ion Ratio	Lower	Upper	
79	100		
52	67.2	58.9	88.3
51	33.0	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 42.440 ng

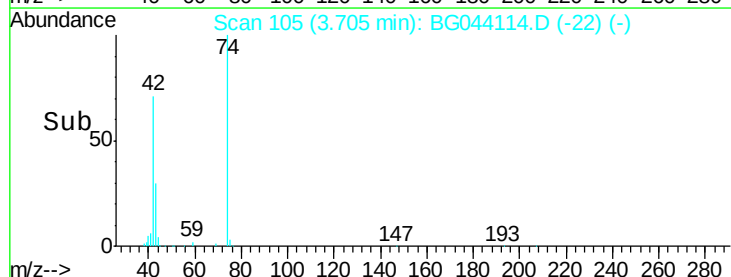
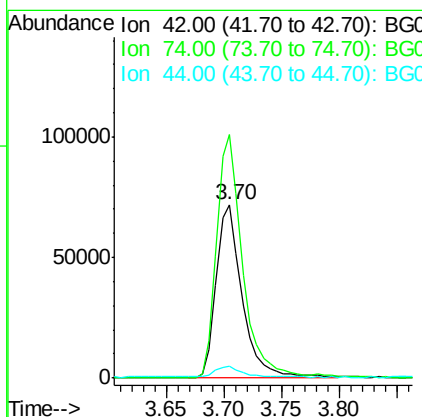
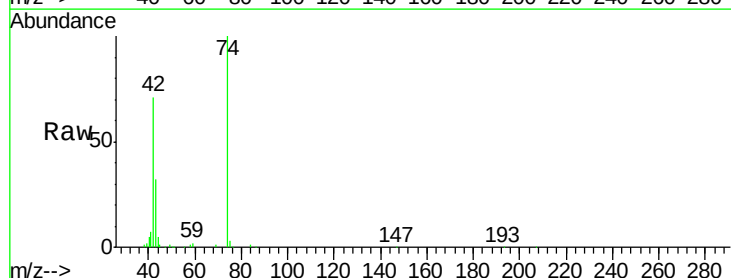
RT: 3.70 min Scan# 105

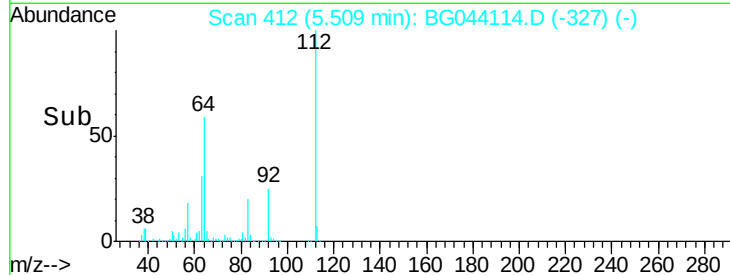
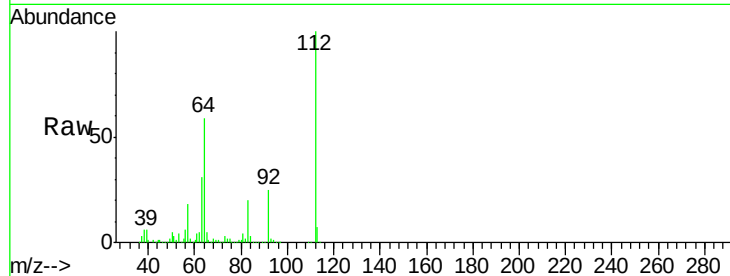
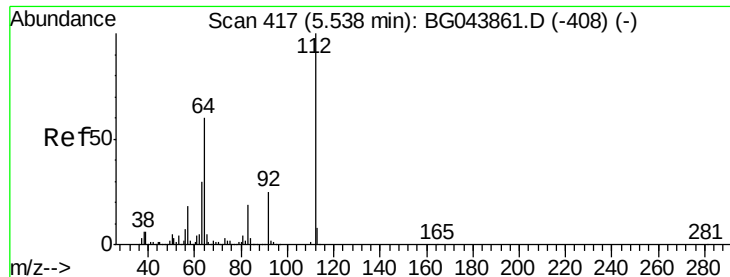
Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	42	Resp:	111549
Ion Ratio	Lower	Upper	
42	100		
74	140.4	108.6	162.8
44	6.8	5.0	7.6





#5

2-Fluorophenol

Concen: 144.782 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tot Ion:	112	Resp:	663582
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.8	71.6
63	31.2	24.3	36.5

Instrument :

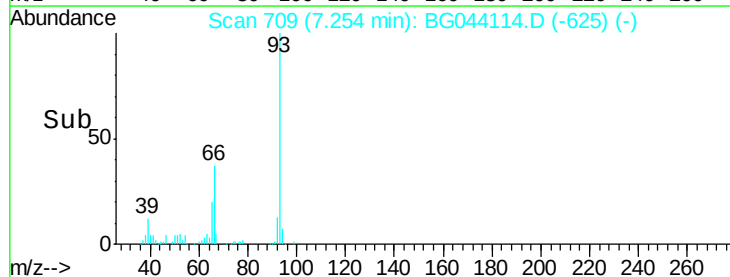
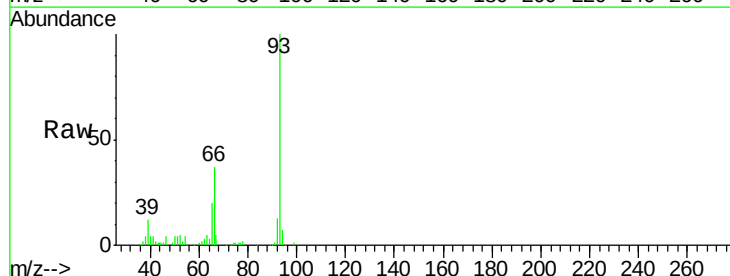
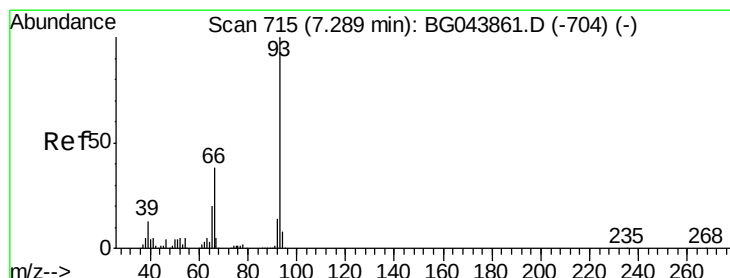
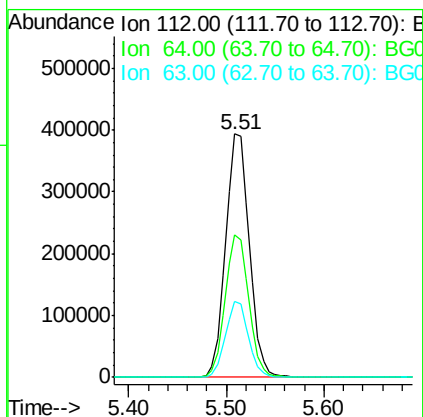
BNA_G

ClientSampled :

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#6

Aniline

Concen: 18.984 ng

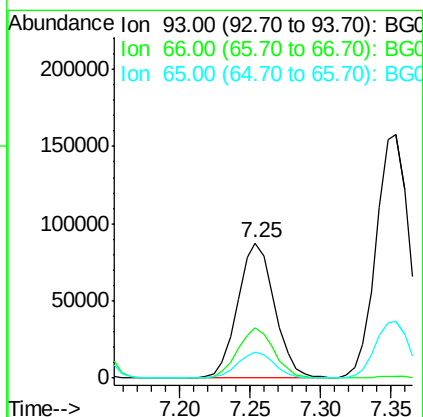
RT: 7.25 min Scan# 709

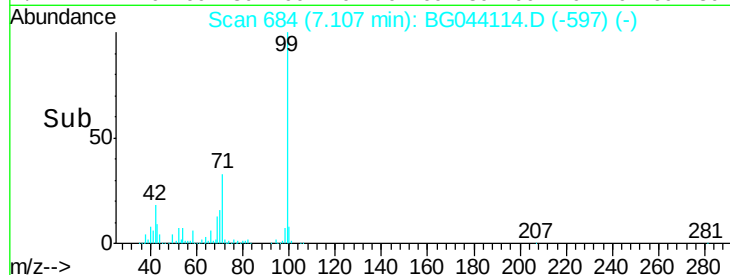
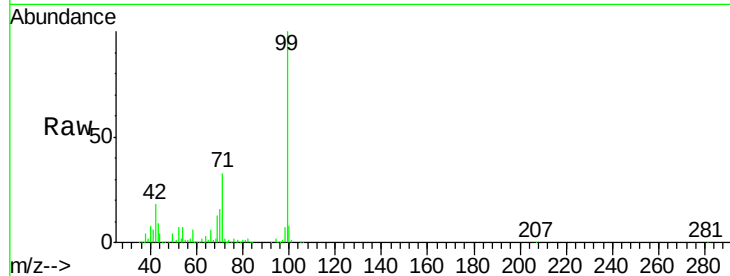
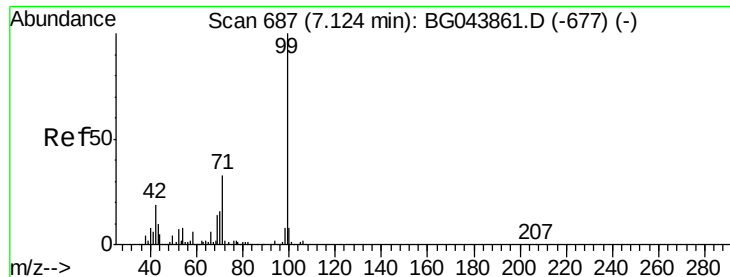
Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	93	Resp:	159752
Ion Ratio	Lower	Upper	
93	100		
66	36.8	30.8	46.2
65	19.7	16.0	24.0





#7

Phenol-d6

Concen: 145.541 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tot Ion:	99	Resp:	932427
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	33.4	26.4	39.6

Instrument :

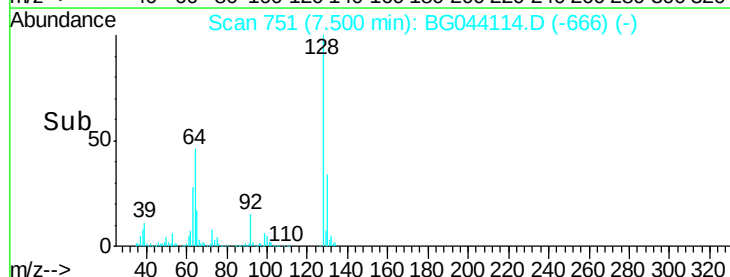
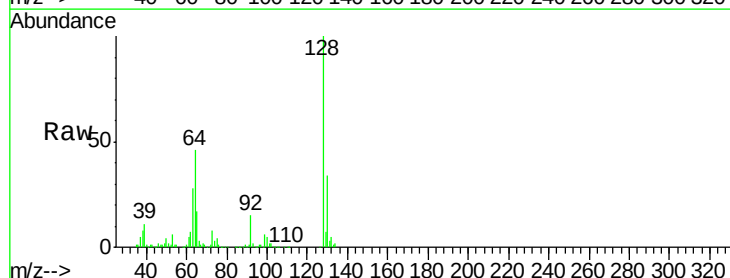
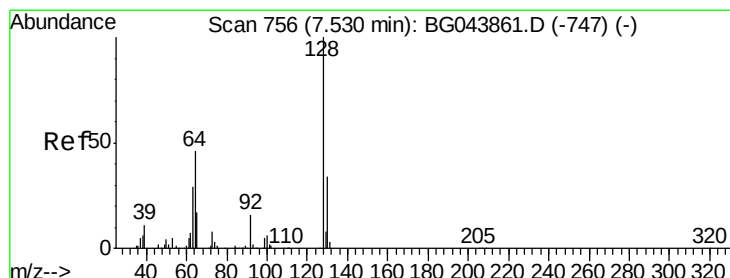
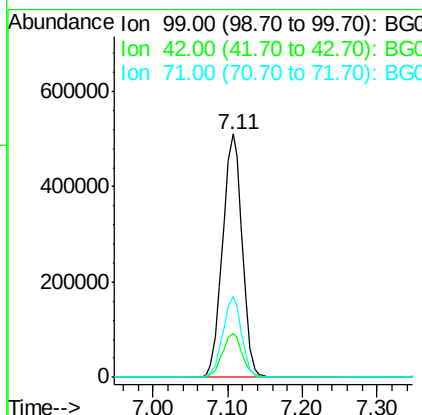
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ClientSampled :

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#8

2-Chlorophenol

Concen: 52.529 ng

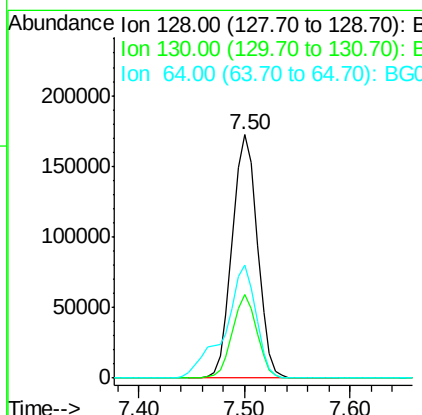
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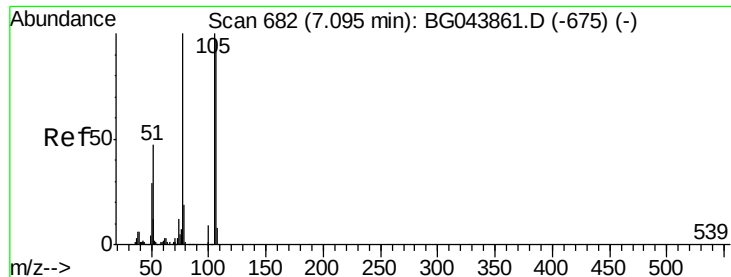
Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	128	Resp:	282640
Ion Ratio	Lower	Upper	
128	100		
130	34.3	13.8	53.8
64	46.2	27.6	67.6





#9

Benzaldehyde

Concen: 35.023 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

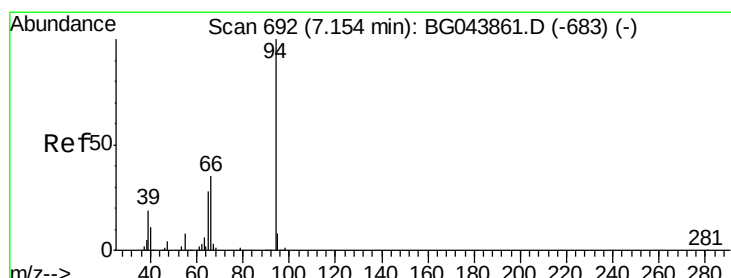
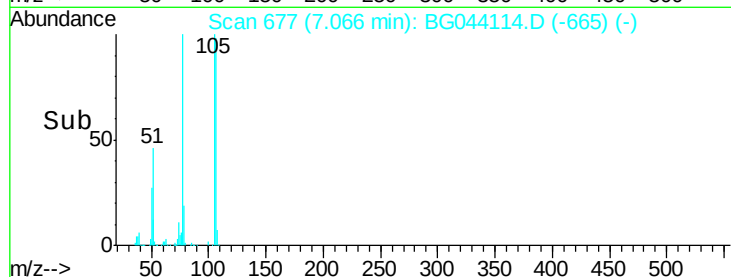
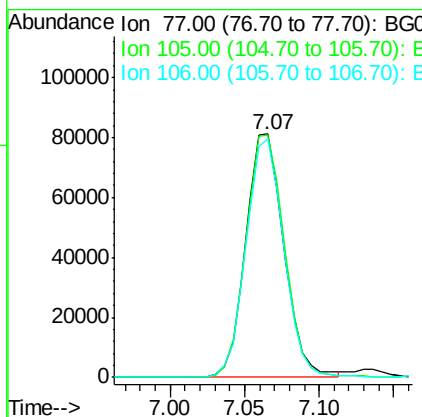
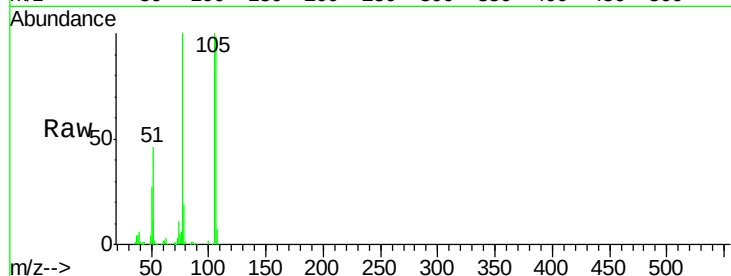
ClientSampled :

EP-3MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.5	80.2	120.2
106	97.8	77.2	117.2

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#10

Phenol

Concen: 57.548 ng

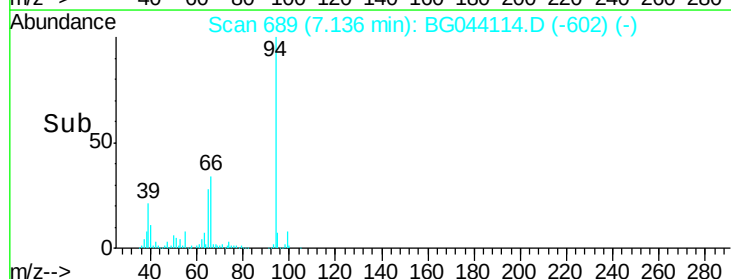
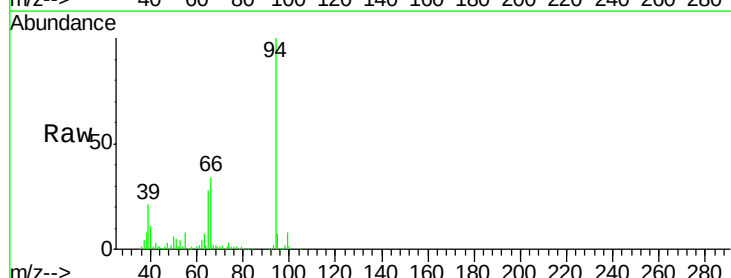
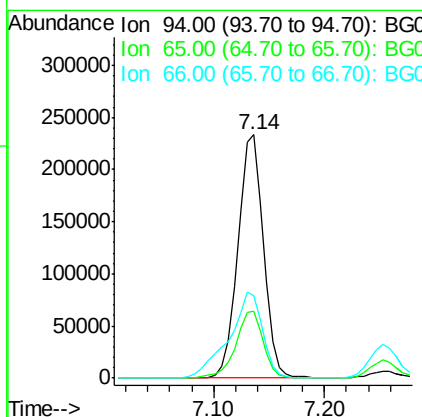
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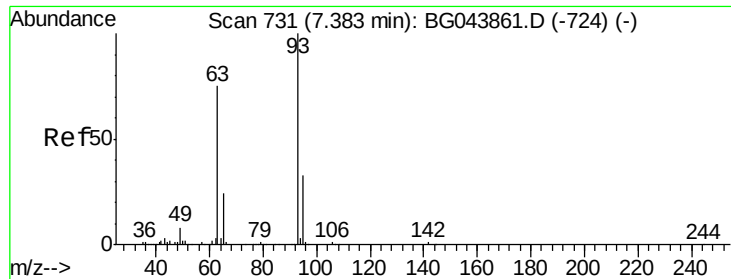
Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.1	48.1
66	34.0	15.6	55.6





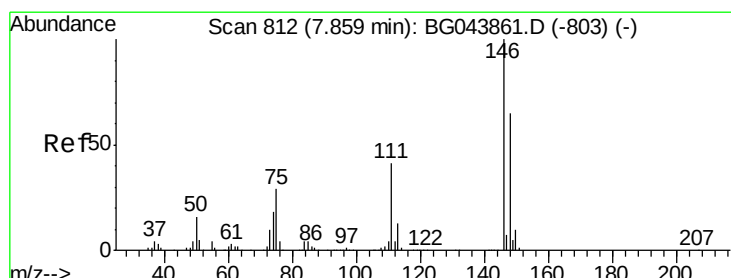
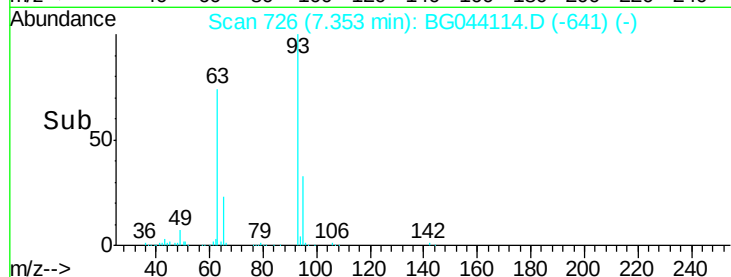
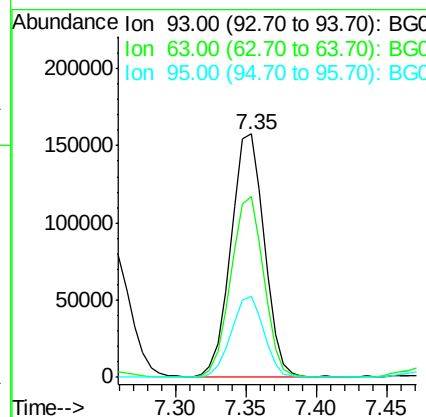
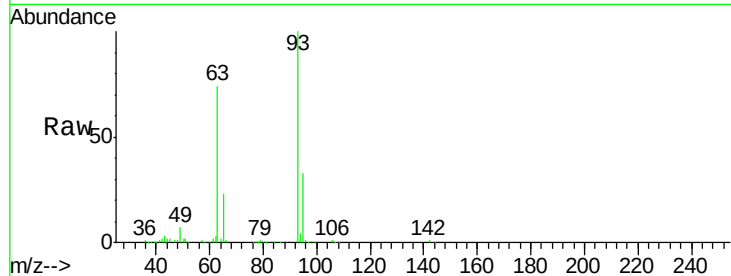
#11
bis(2-Chloroethyl)ether
Concen: 45.531 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	259430		
63	74.3		55.0	95.0
95	33.1		13.3	53.3

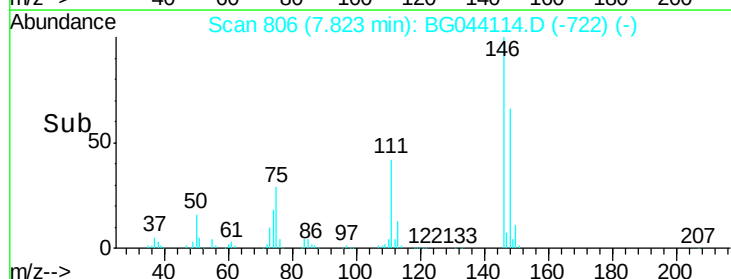
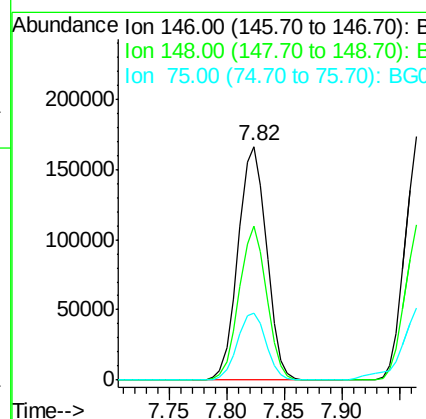
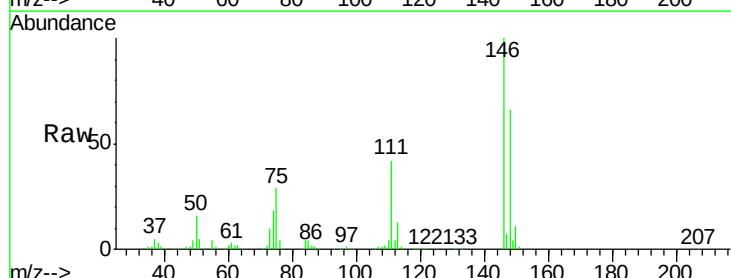
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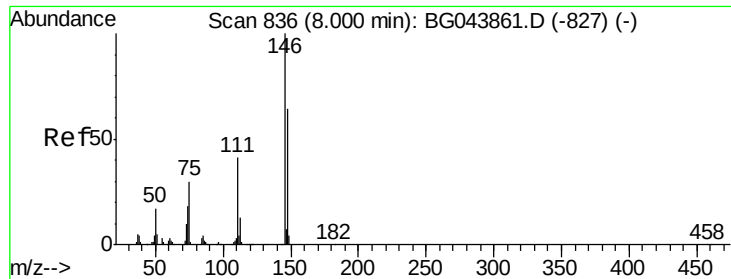
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.121 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284107		
148	65.8		52.1	78.1
75	28.7		23.0	34.4





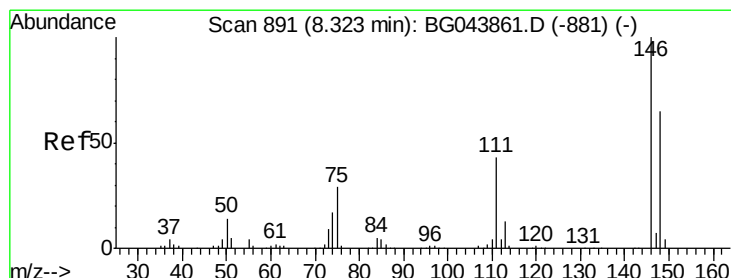
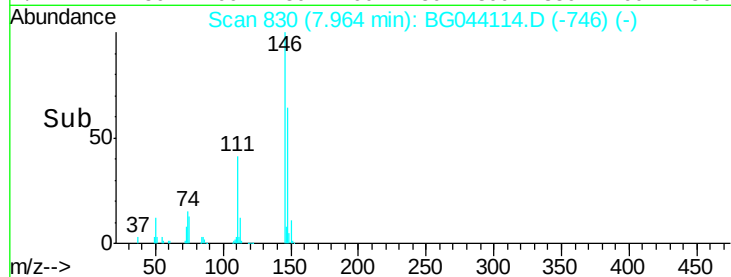
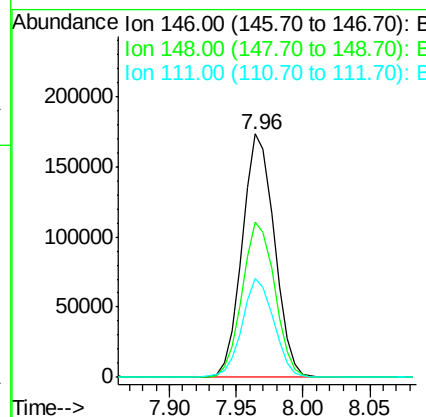
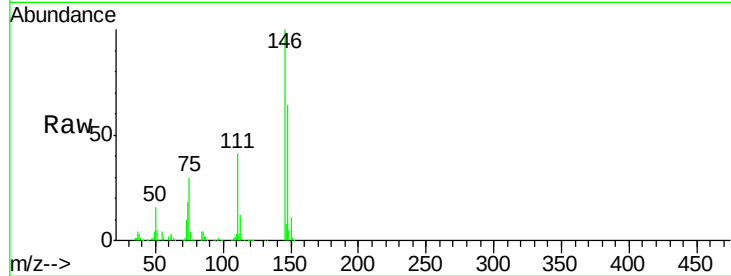
#13
 1,4-Dichlorobenzene
 Concen: 46.481 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	40.6	33.1	49.7

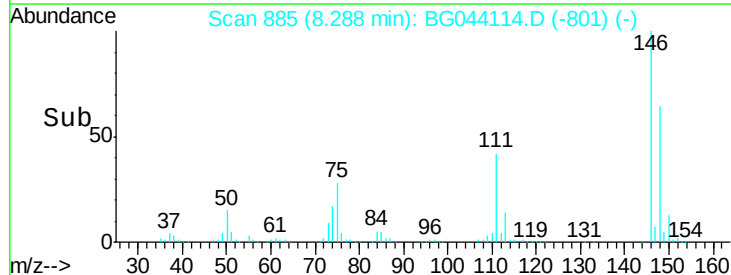
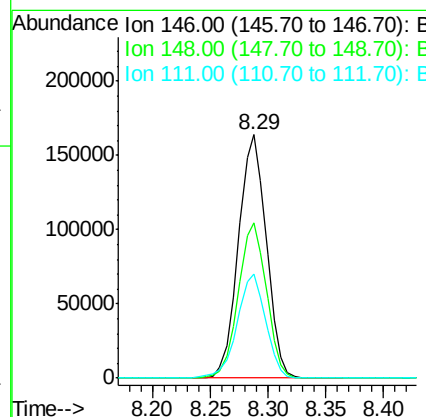
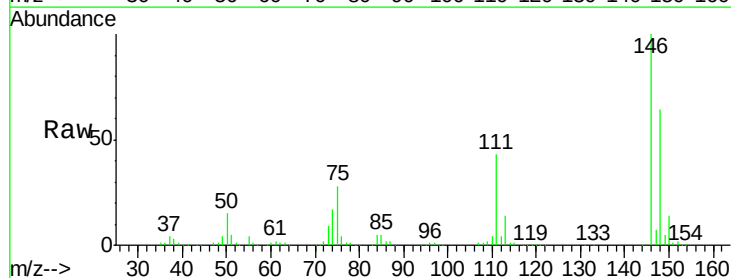
Manual Integrations
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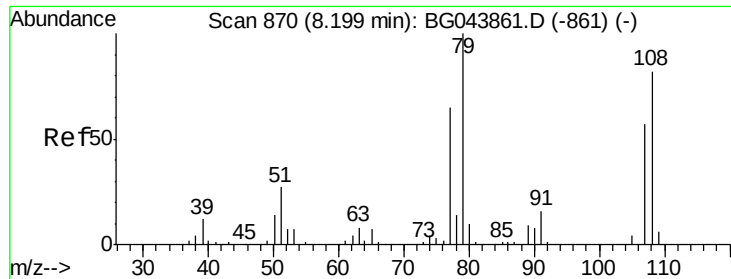
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.003 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
111	42.5	34.4	51.6





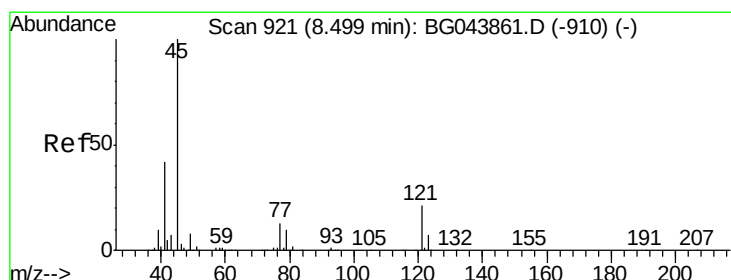
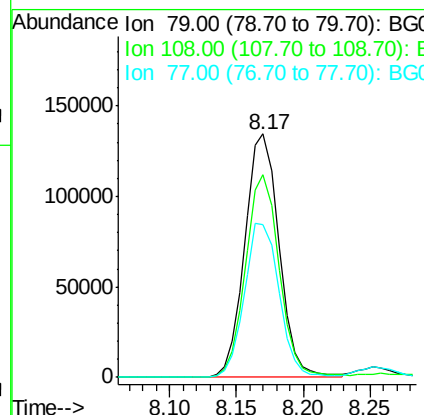
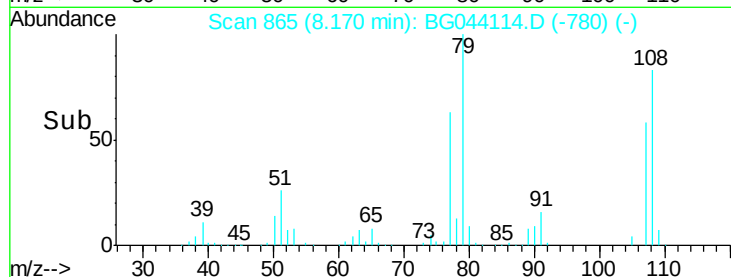
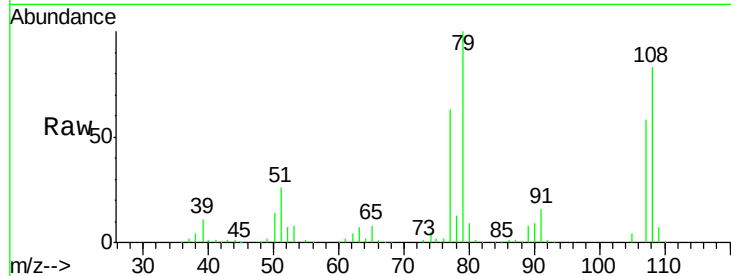
#15
Benzyl Alcohol
Concen: 47.181 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	83.1	65.6	98.4	
77	62.5	52.0	78.0	

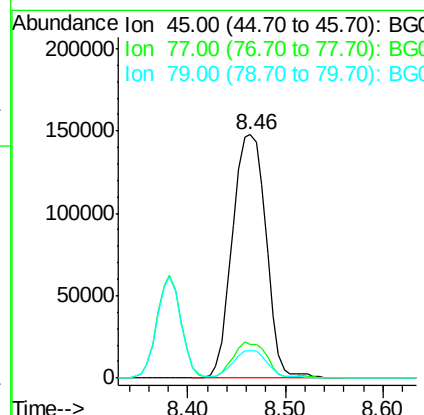
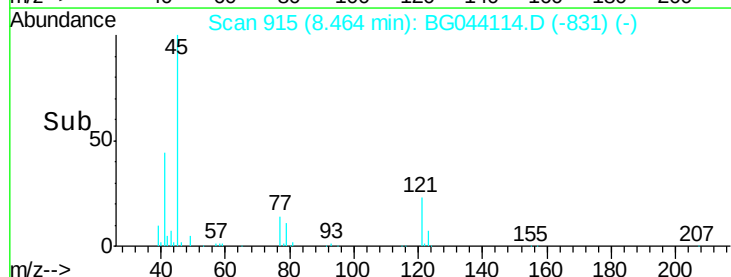
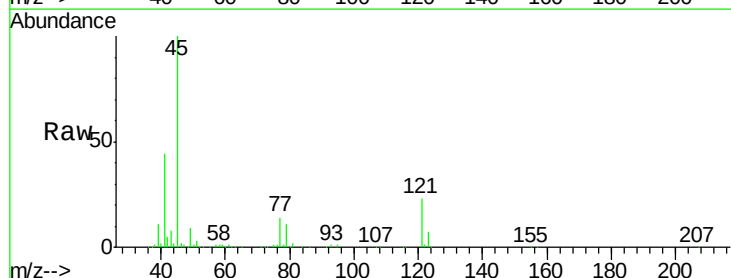
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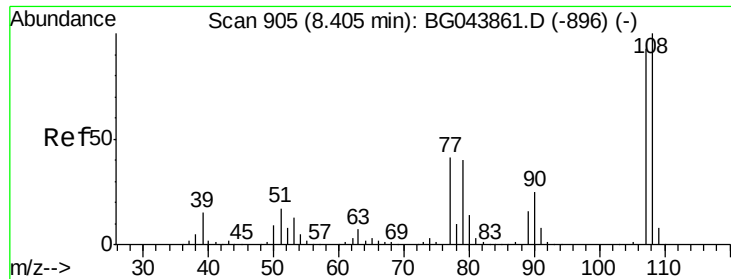
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.183 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.1	0.0	33.8	
79	11.1	0.0	31.0	





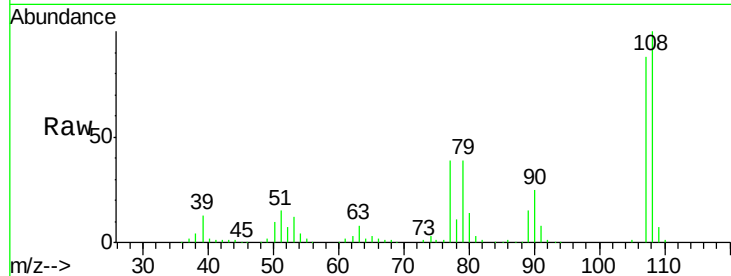
#17
2-Methylphenol
Concen: 51.038 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

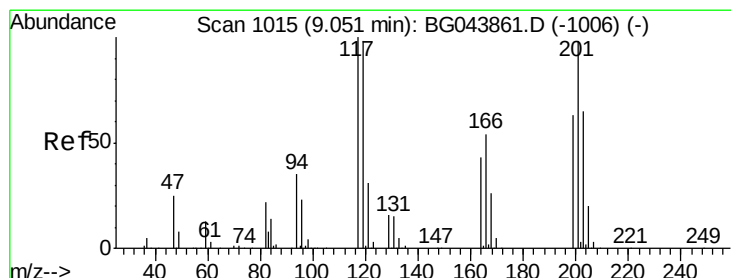
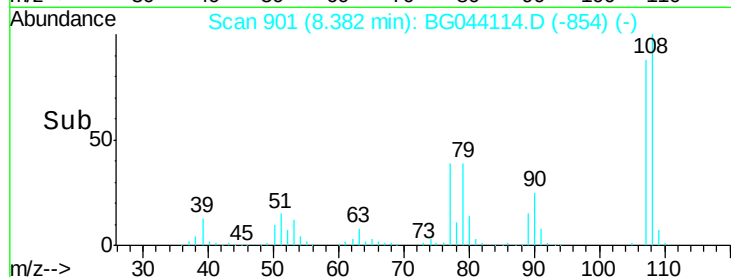
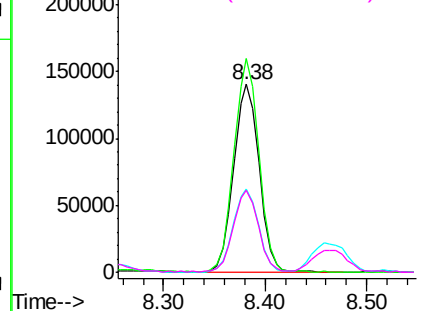
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	243796		
108	108	113.8		86.1	129.1
77	77	44.6		35.4	53.0
79	79	44.0		34.8	52.2

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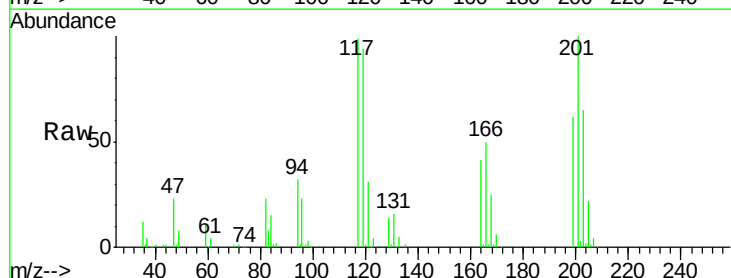


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BG
150000
Ion 79.00 (78.70 to 79.70): BG
100000
50000
0

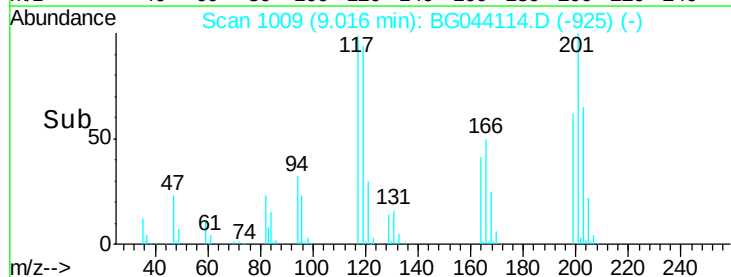
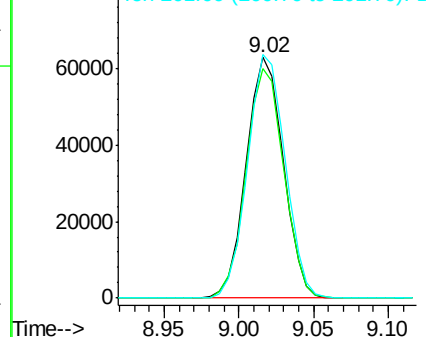


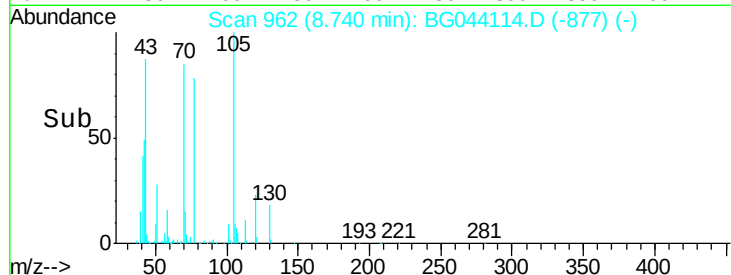
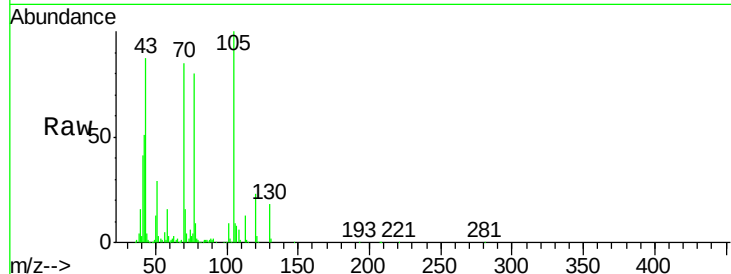
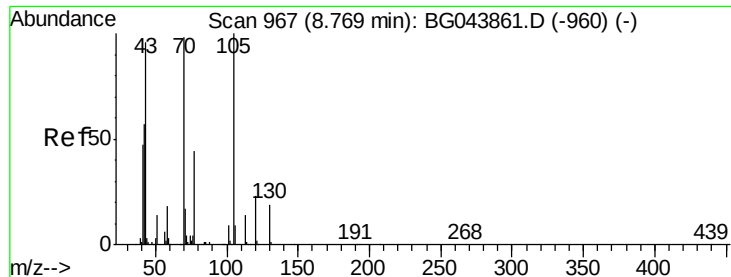
#18
Hexachloroethane
Concen: 44.765 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	108216		
119	119	95.4		78.1	117.1
201	201	101.0		78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
80000
Ion 119.00 (118.70 to 119.70): E
60000
Ion 201.00 (200.70 to 201.70): E
40000
20000
0





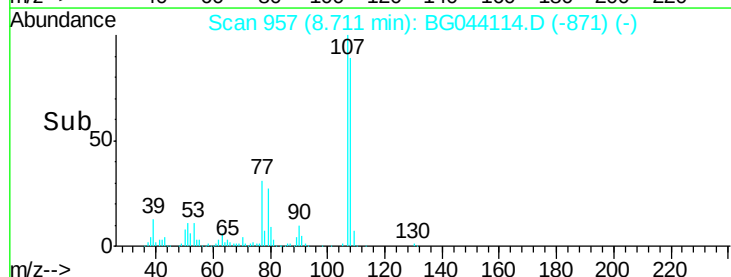
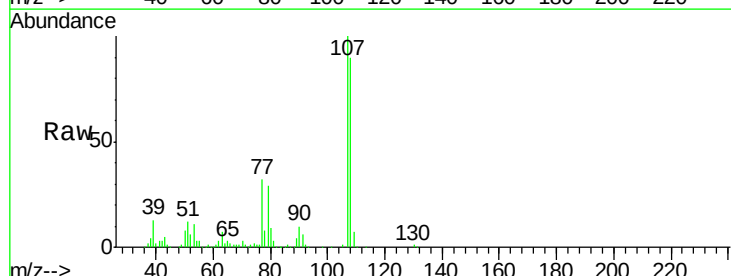
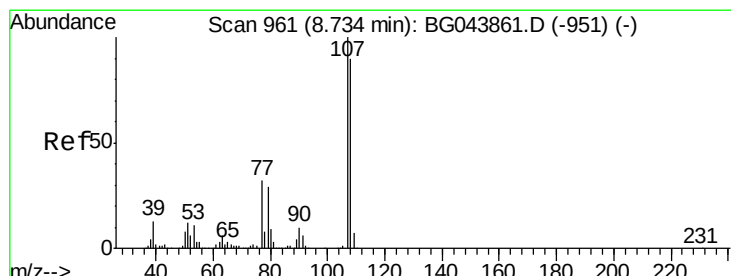
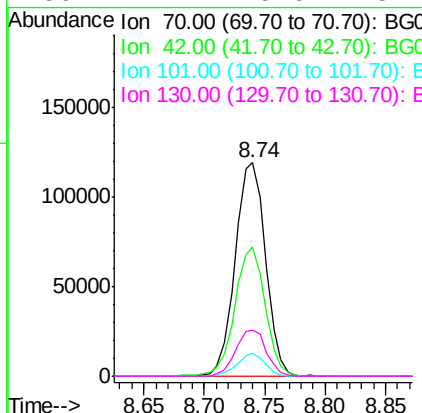
#19
n-Nitroso-di-n-propylamine
Concen: 43.877 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.3	47.0	70.4	
101	10.6	7.2	10.8	
130	21.4	15.6	23.4	

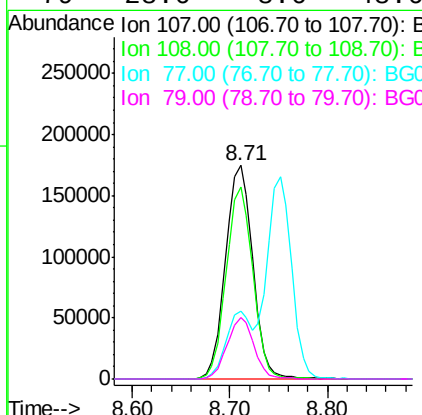
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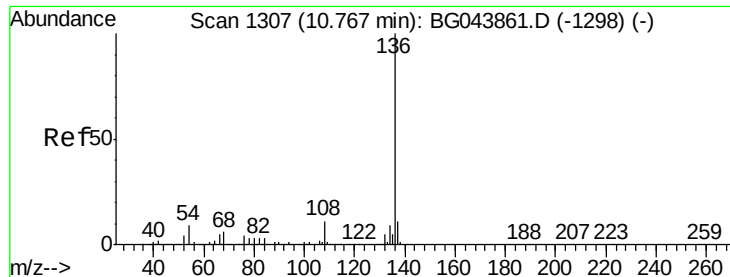
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#20
3+4-Methylphenols
Concen: 51.015 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	70.3	110.3	
77	31.5	12.4	52.4	
79	28.6	8.6	48.6	





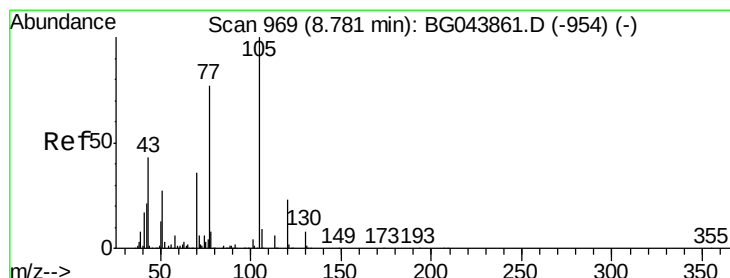
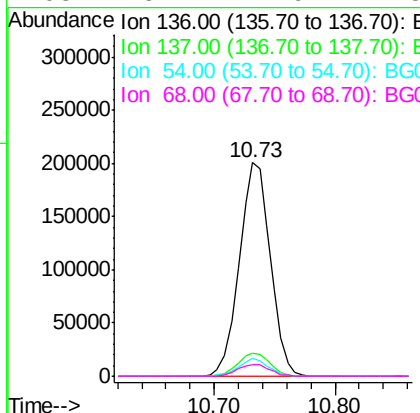
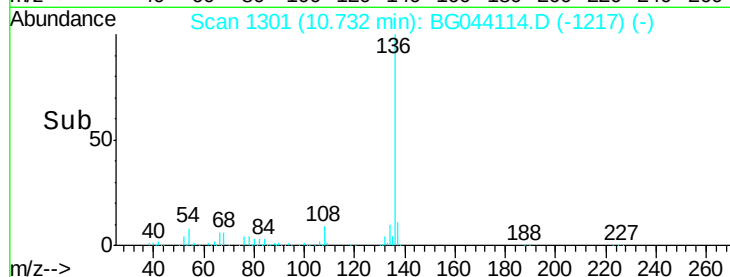
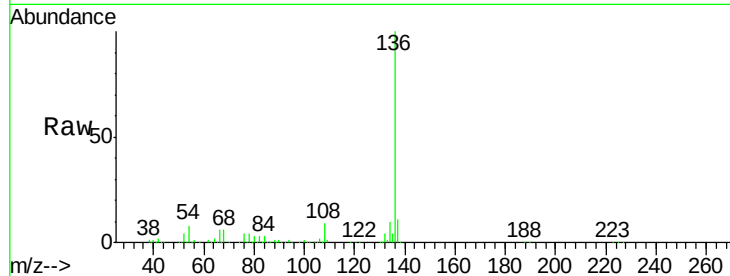
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		359139		
137	10.6		8.8	13.2	
54	8.1		7.0	10.4	
68	5.7		4.9	7.3	

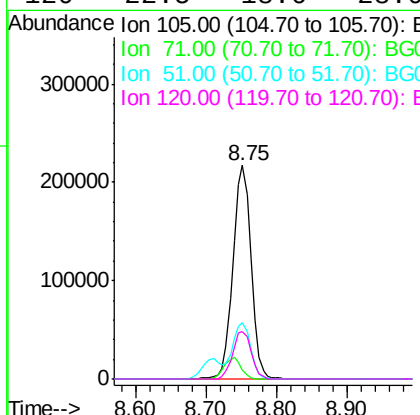
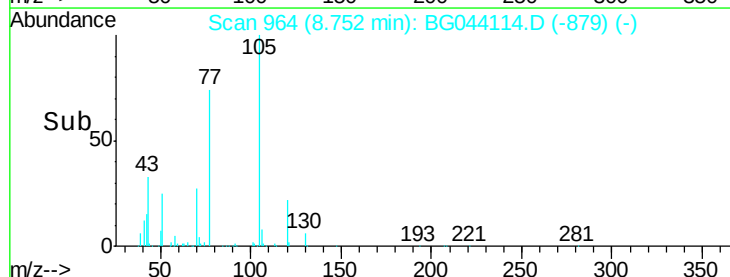
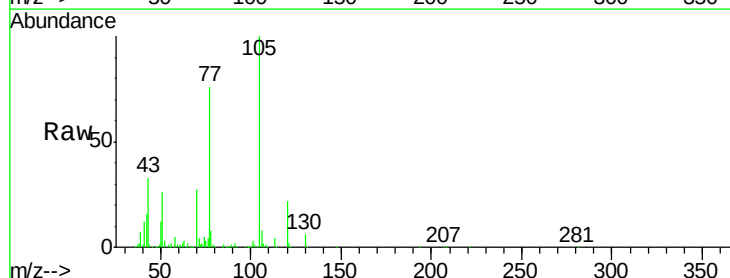
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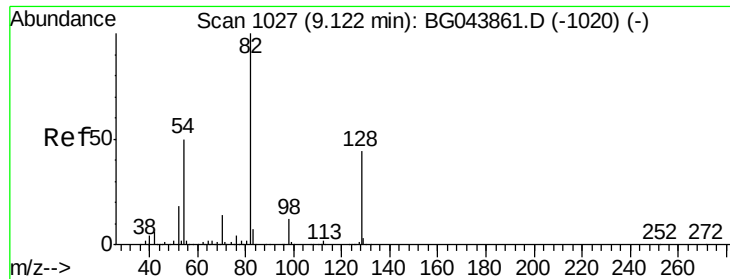
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#22
Acetophenone
Concen: 43.432 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		387785		
71	4.2		4.8	7.2#	
51	26.2		21.4	32.0	
120	22.5		18.6	28.0	





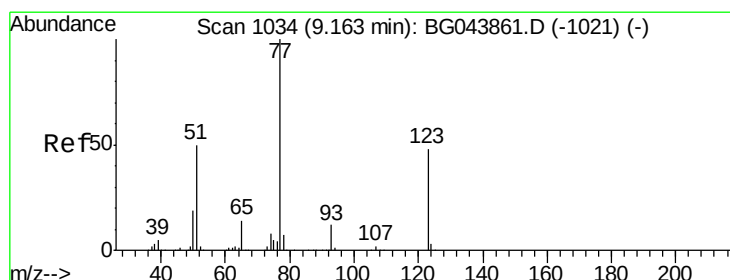
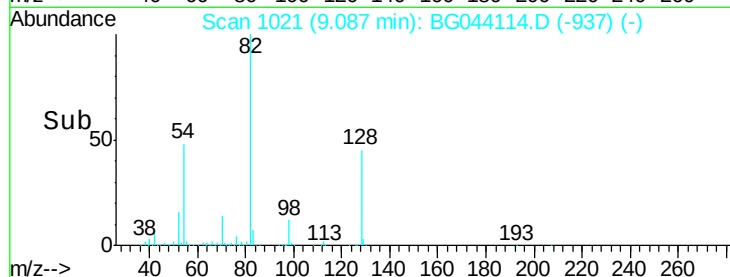
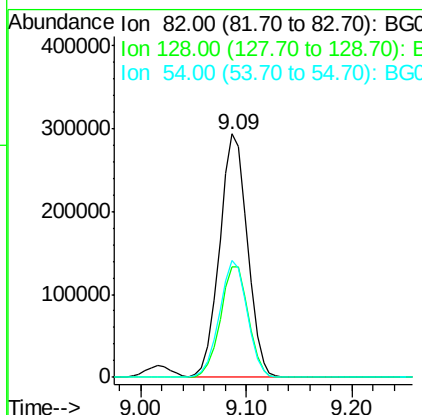
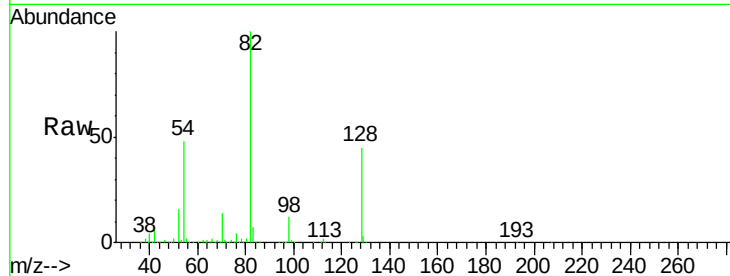
#23
 Nitrobenzene-d5
 Concen: 79.677 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampled :
 EP-3MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.1	52.7
54	48.1	40.1	60.1

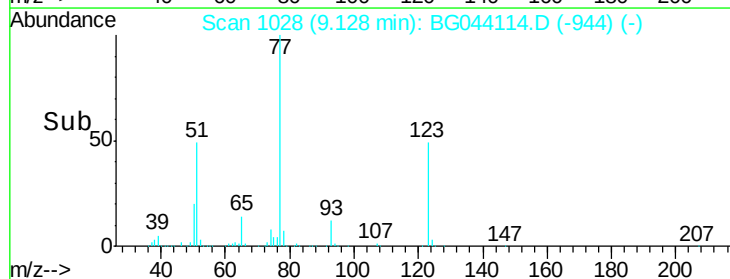
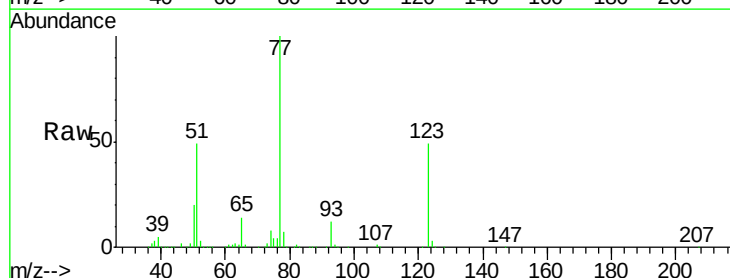
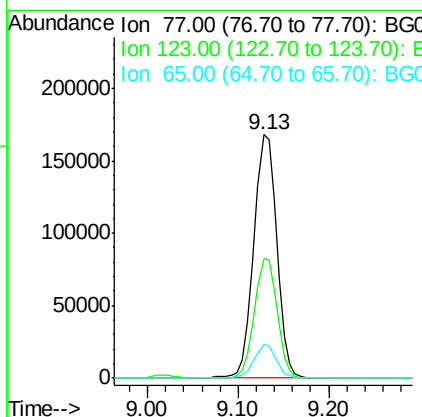
Manual Integrations
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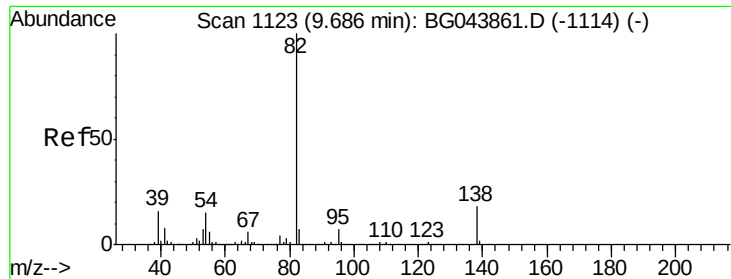
mohammad
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#24
 Nitrobenzene
 Concen: 44.779 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	38.7	58.1
65	13.9	11.1	16.7





#25

Isophorone

Concen: 45.983 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

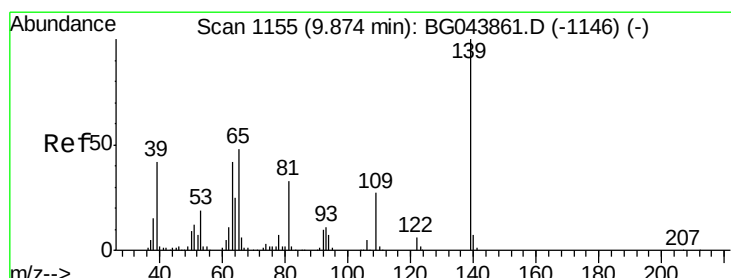
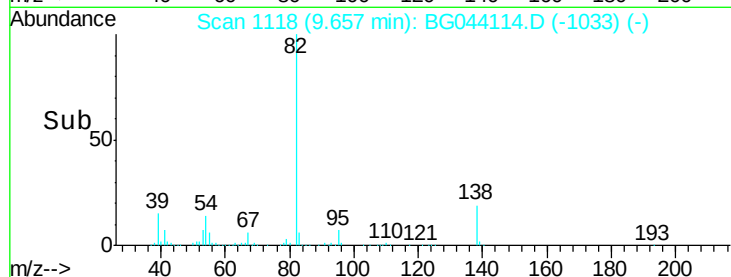
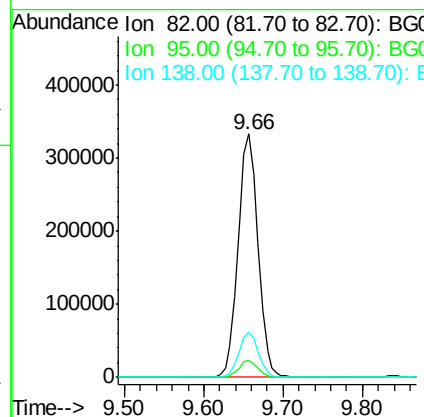
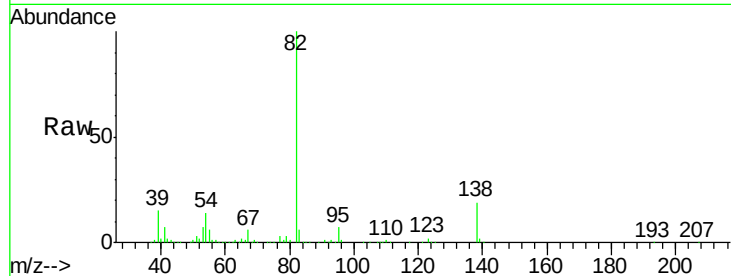
ClientSampleId :

EP-3MS

Tot Ion:	82	Resp:	579153
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	18.8	14.6	22.0

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#26

2-Nitrophenol

Concen: 52.288 ng

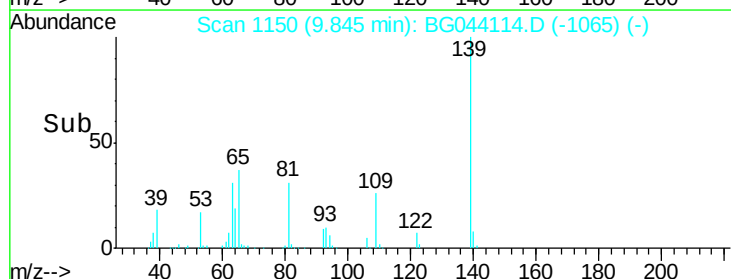
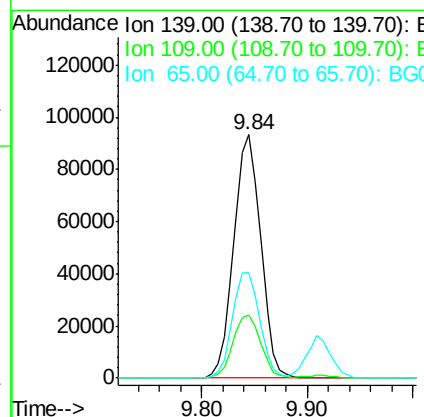
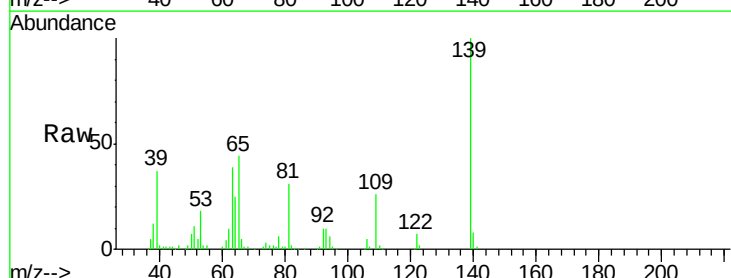
RT: 9.84 min Scan# 1150

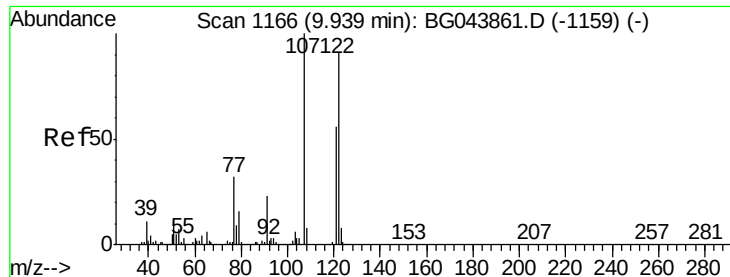
Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	139	Resp:	164487
Ion Ratio	Lower	Upper	
139	100		
109	26.1	21.3	31.9
65	43.5	38.6	57.8





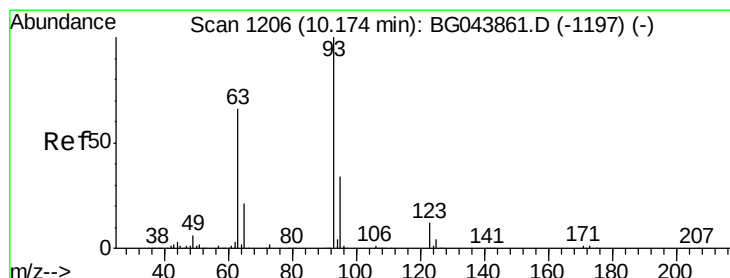
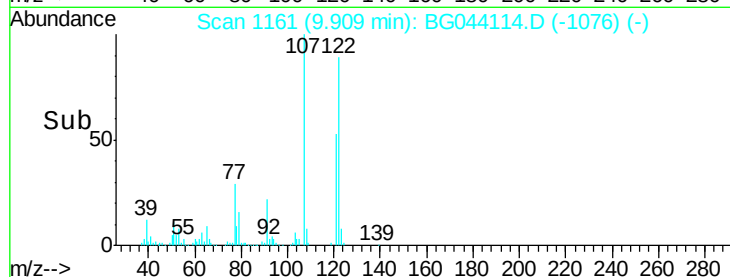
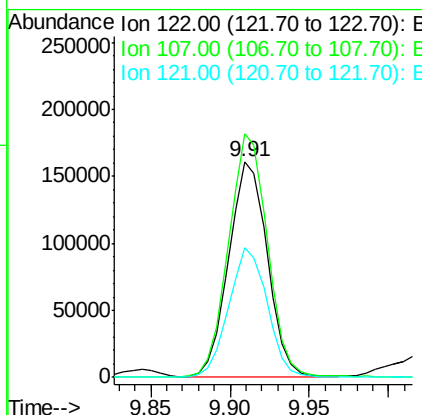
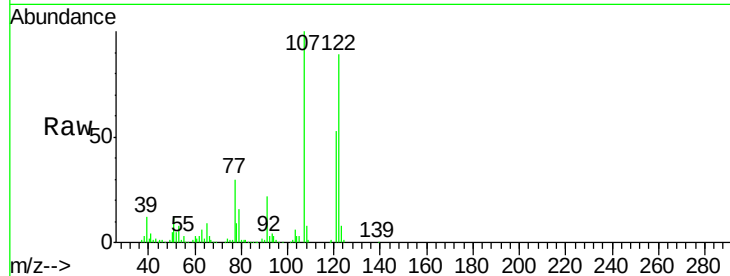
#27
2,4-Dimethylphenol
Concen: 57.362 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	271630		
107	112.8	88.0	132.0	
121	60.2	49.0	73.4	

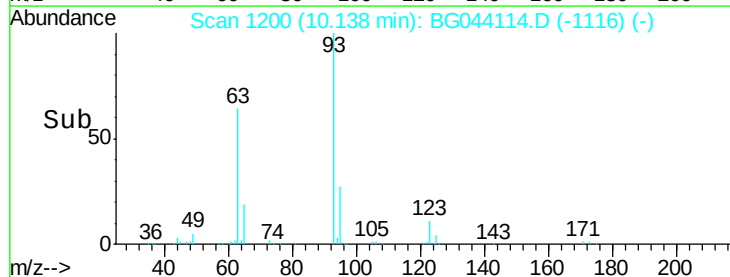
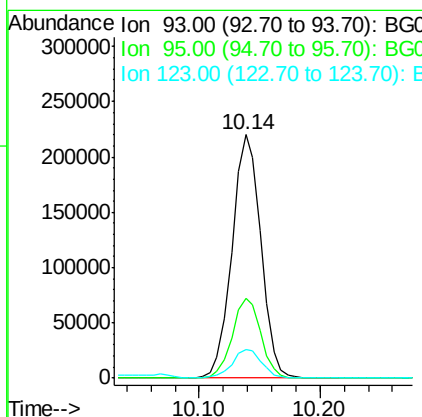
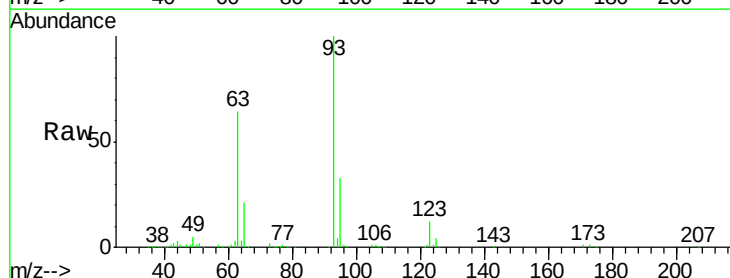
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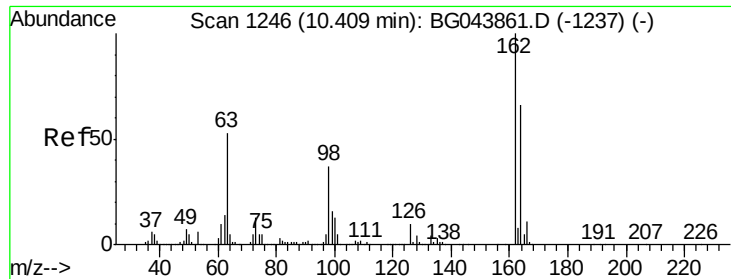
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#28
bis(2-Chloroethoxy)methane
Concen: 43.555 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	365728		
95	32.6	27.2	40.8	
123	11.8	9.7	14.5	





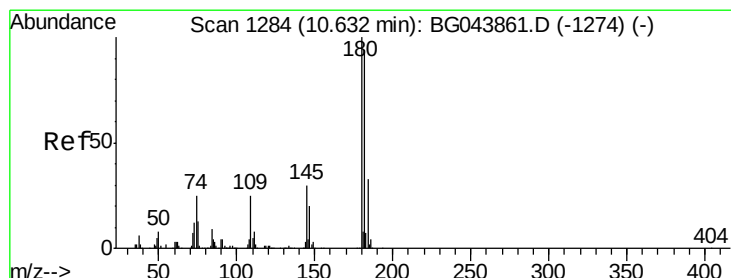
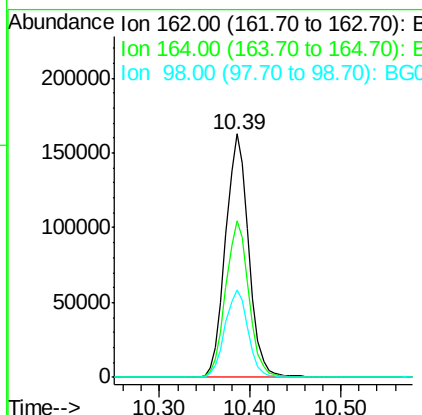
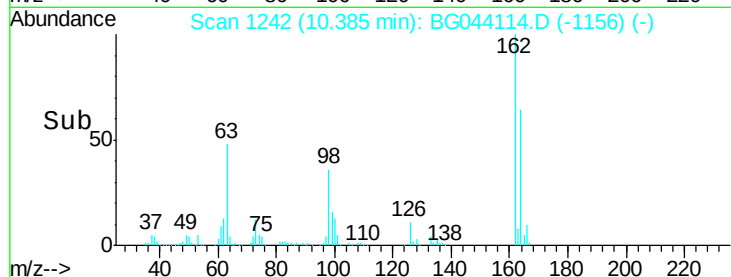
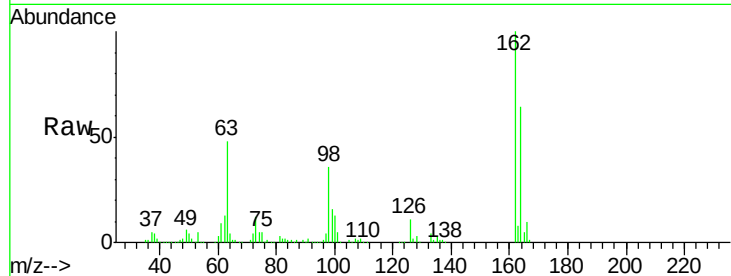
#29
2,4-Dichlorophenol
Concen: 51.053 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	46.3	86.3
98	36.2	17.3	57.3

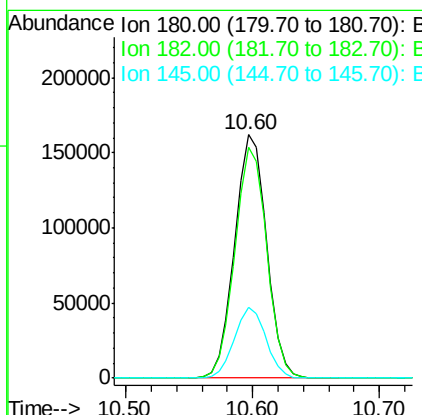
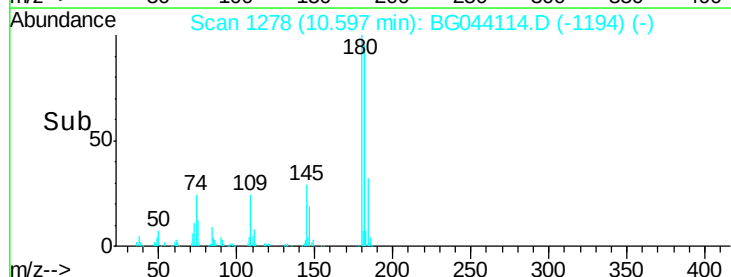
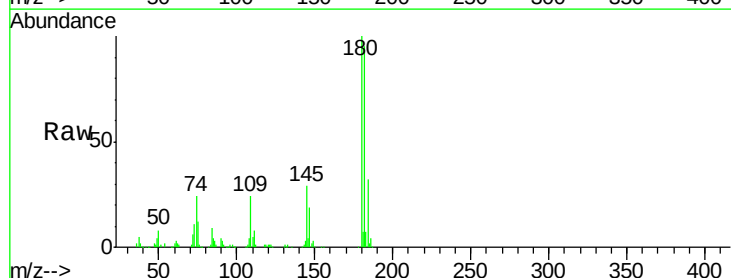
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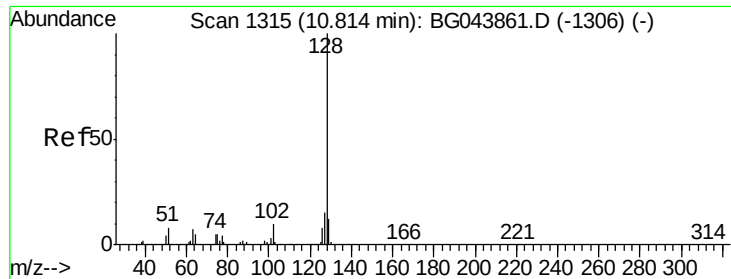
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#30
1,2,4-Trichlorobenzene
Concen: 44.515 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	75.0	112.4
145	29.1	24.2	36.4





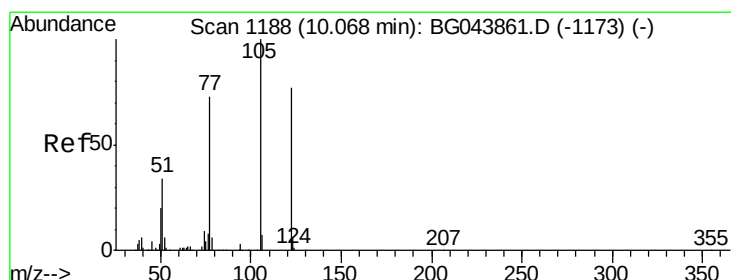
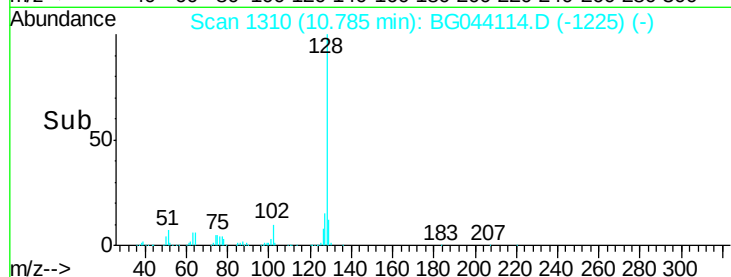
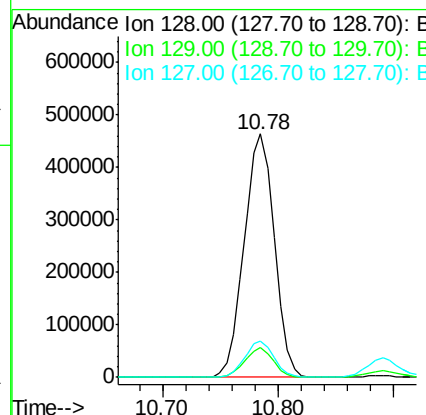
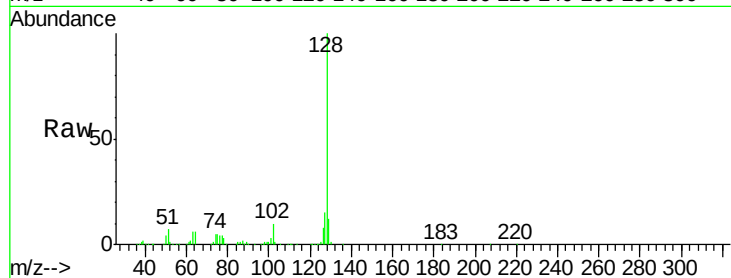
#31
Naphthalene
Concen: 48.347 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.7	12.0	18.0

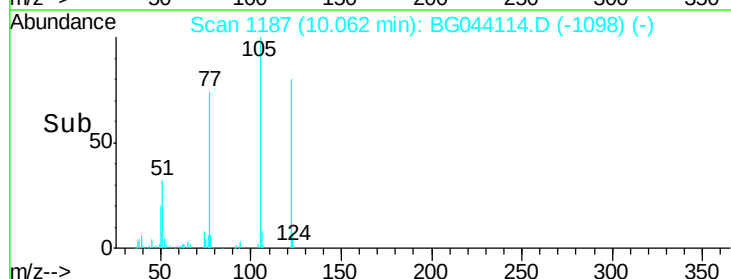
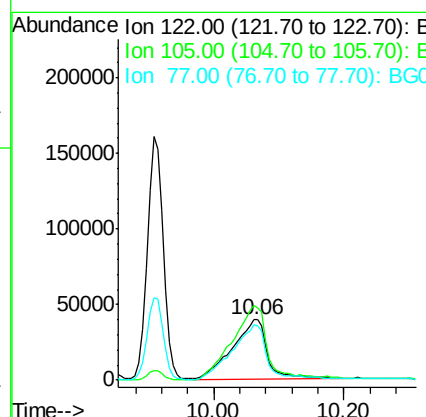
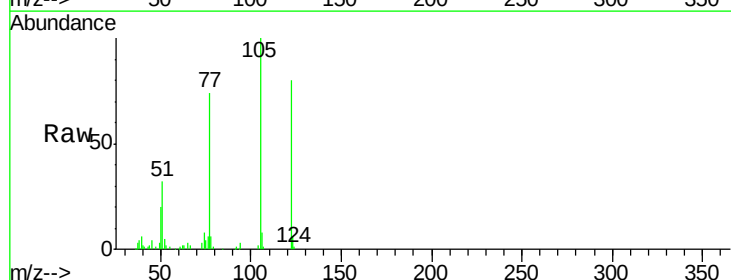
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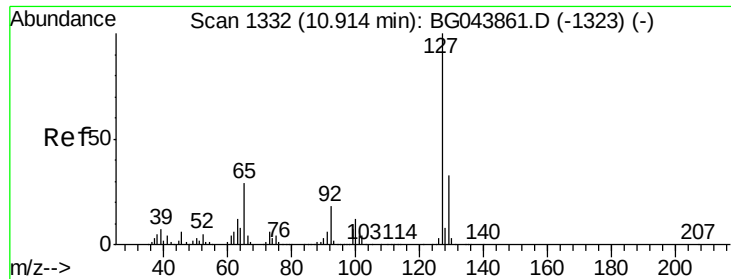
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#32
Benzoic acid
Concen: 39.471 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.4	146.4
77	92.3	74.6	114.6





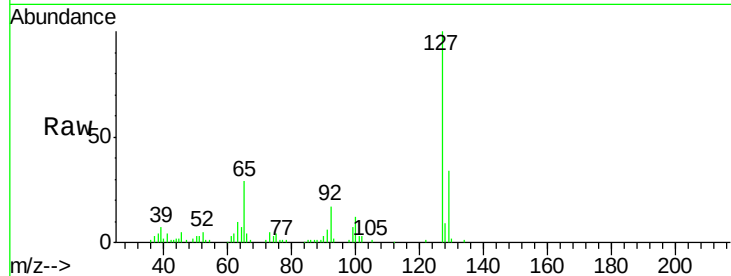
#33
4-Chloroaniline
Concen: 9.193 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

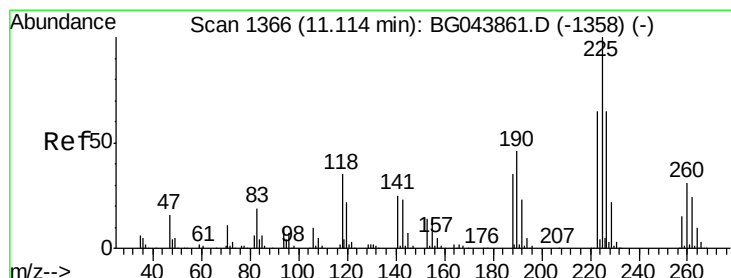
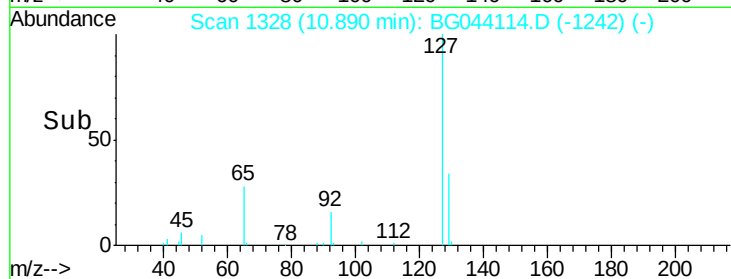
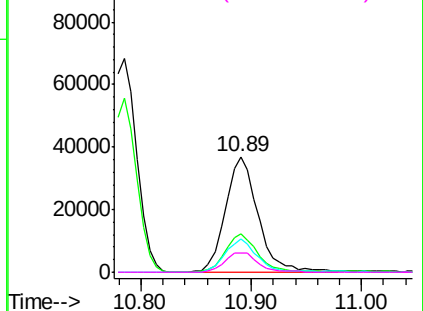
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	29.2	23.3	34.9
92	16.9	14.7	22.1

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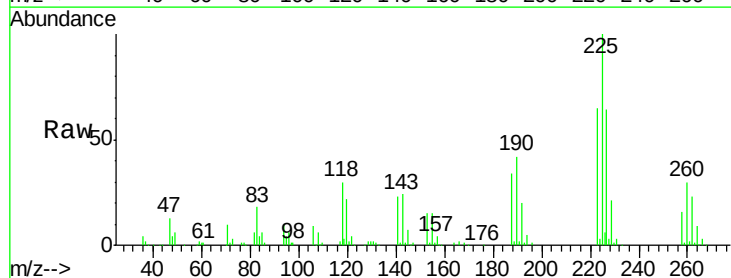


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

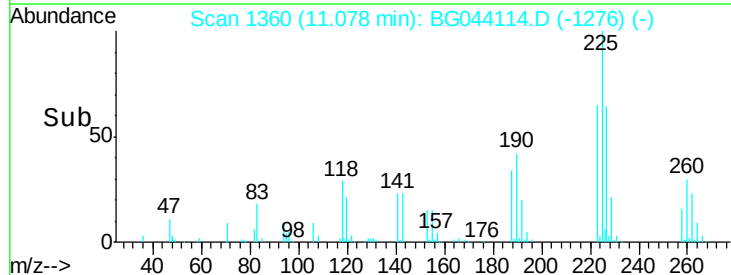
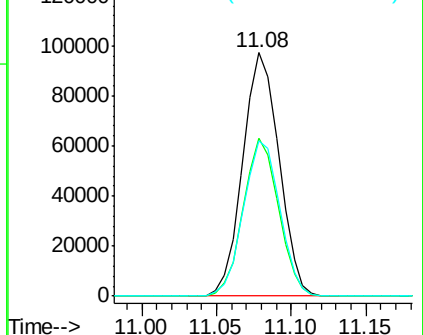


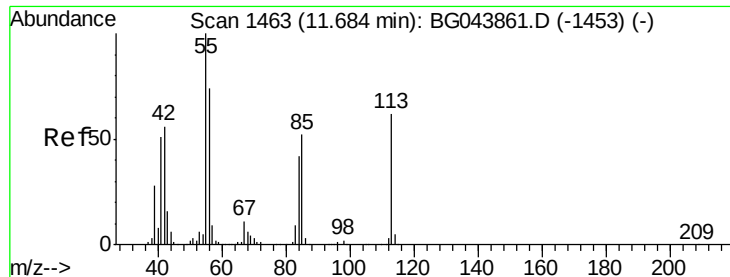
#34
Hexachlorobutadiene
Concen: 42.292 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.2	78.4
227	63.9	52.1	78.1



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





#35

Caprolactam

Concen: 52.148 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

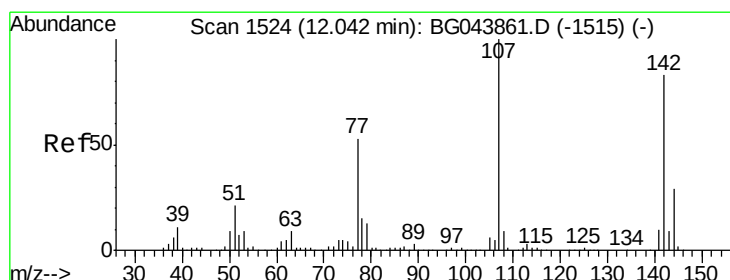
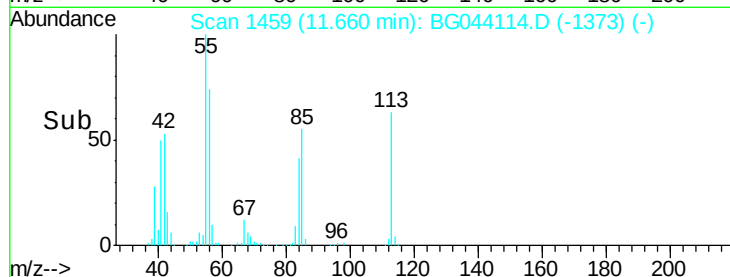
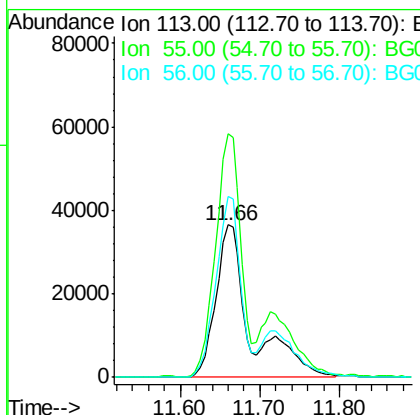
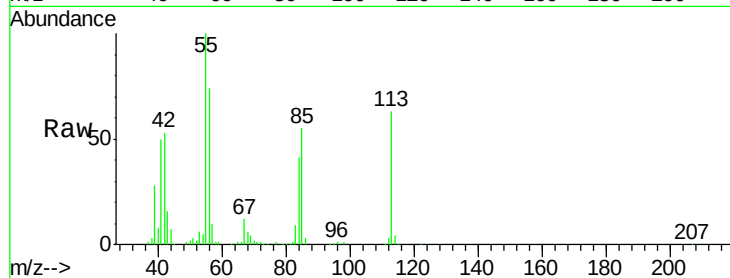
ClientSampled :

EP-3MS

Tot Ion:	113	Resp:	109655
Ion Ratio	Lower	Upper	
113	100		
55	159.5	142.5	182.5
56	118.4	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 52.696 ng/mL

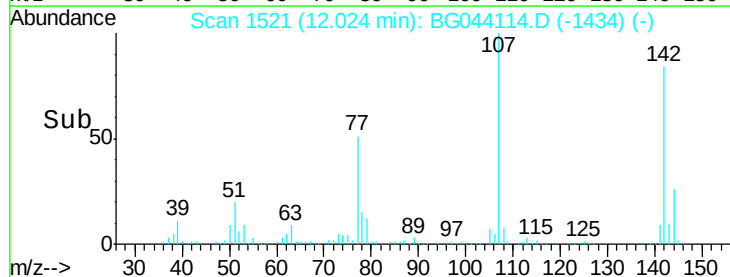
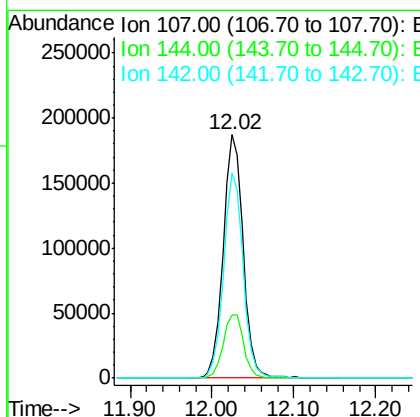
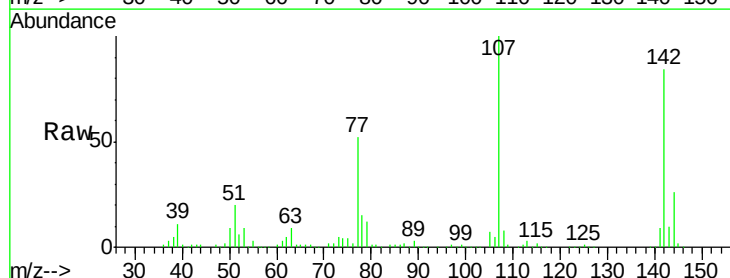
RT: 12.02 min Scan# 1521

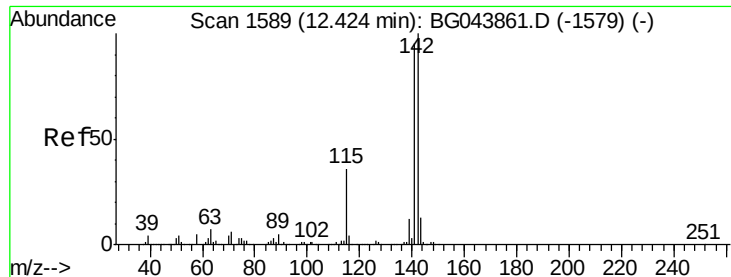
Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	107	Resp:	316866
Ion Ratio	Lower	Upper	
107	100		
144	26.0	23.4	35.2
142	84.1	66.3	99.5





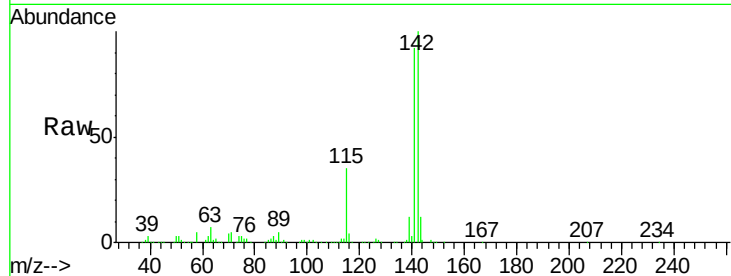
#37
2-Methylnaphthalene
Concen: 48.412 ng
RT: 12.39 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

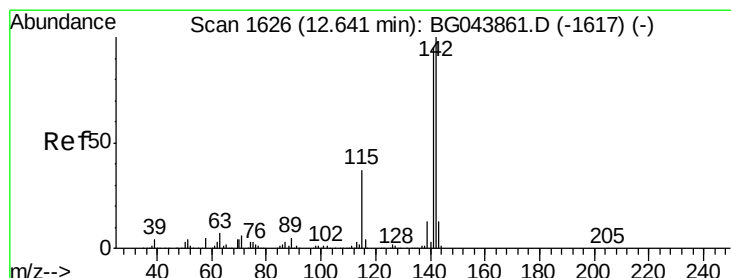
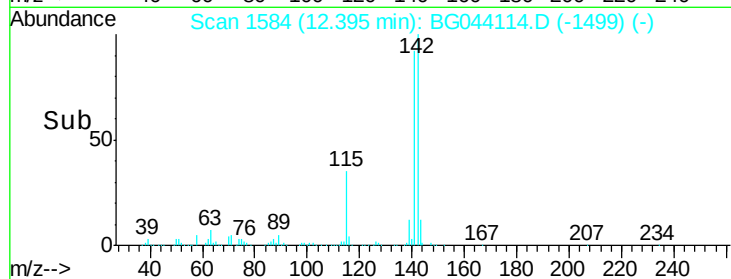
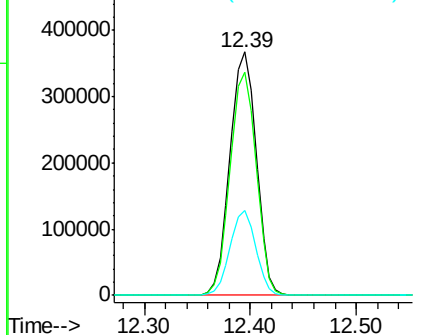
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.8	113.8
115	34.7	28.6	42.8

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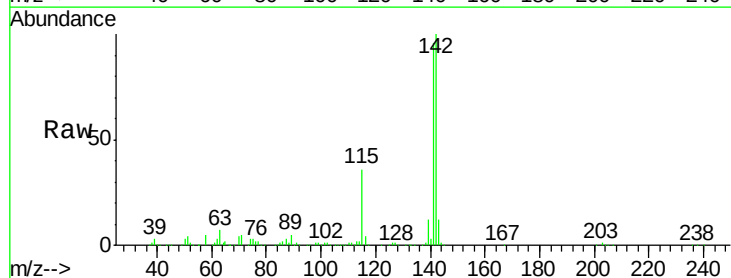


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

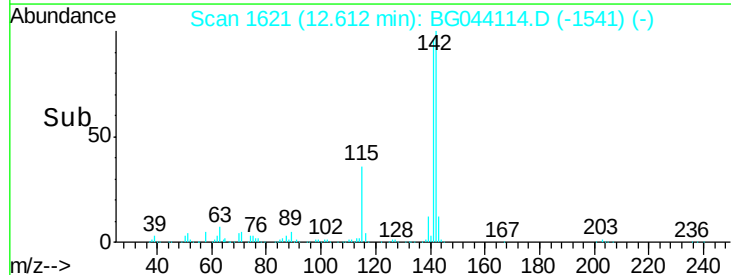
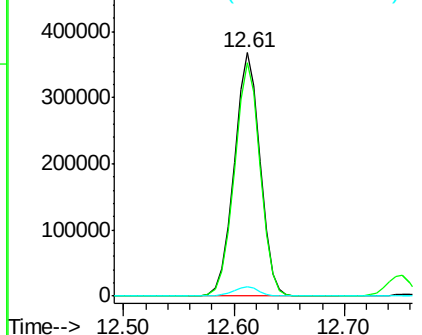


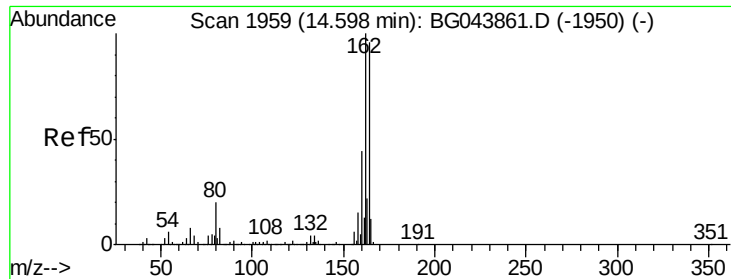
#38
1-Methylnaphthalene
Concen: 48.713 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.0	114.0
116	4.0	3.1	4.7



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





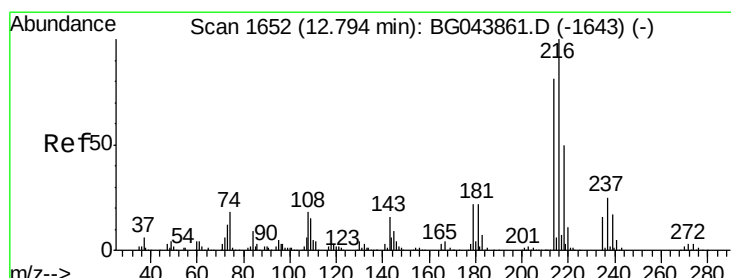
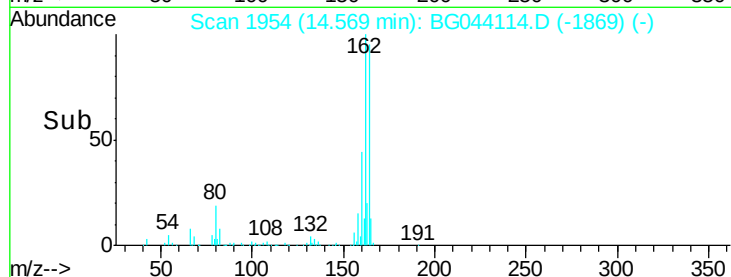
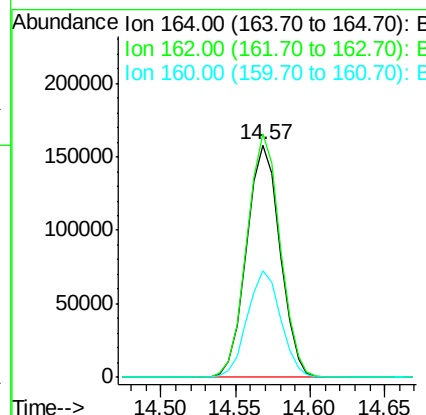
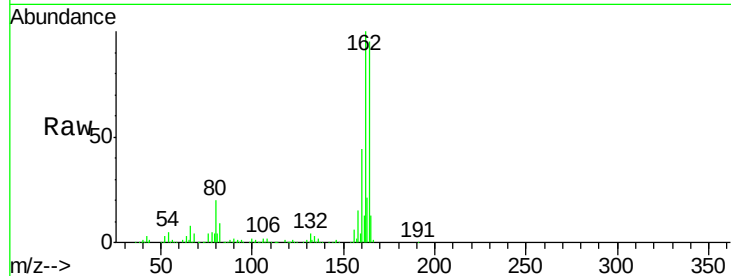
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	245241		
162	104.8	83.0	124.4	
160	46.2	36.1	54.1	

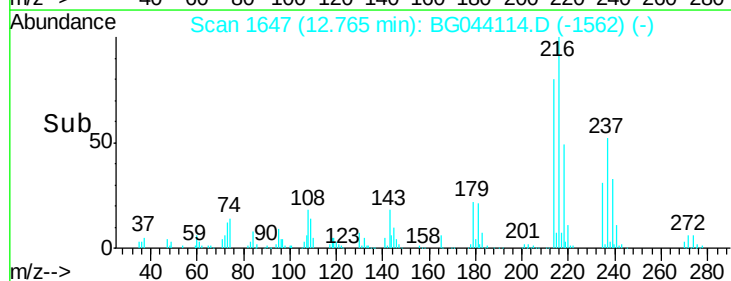
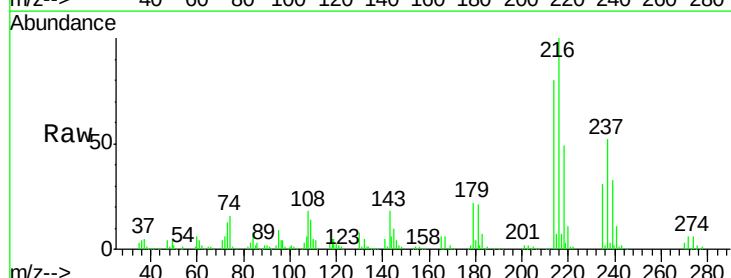
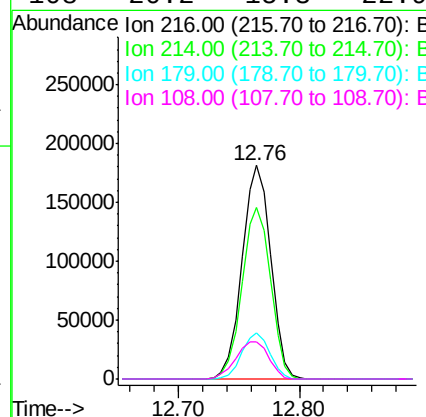
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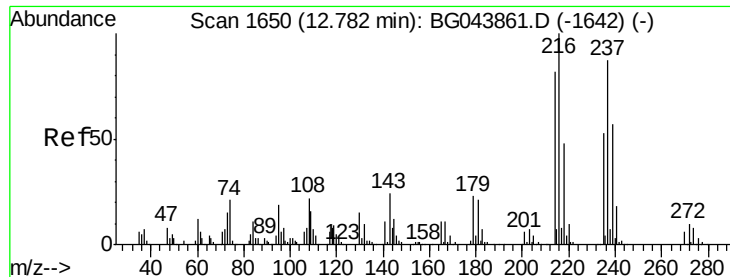
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.870 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	300964		
214	79.8	63.8	95.8	
179	21.1	17.3	25.9	
108	20.2	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 105.102 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

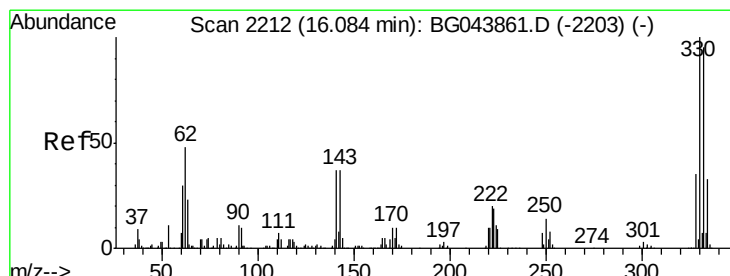
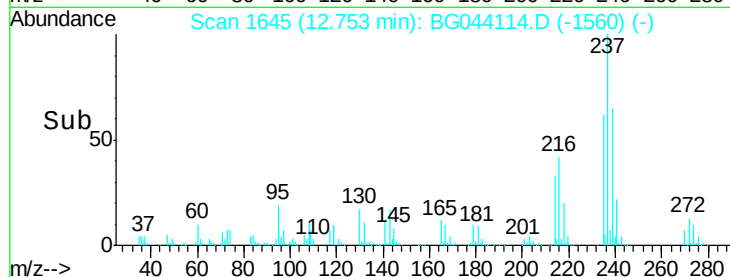
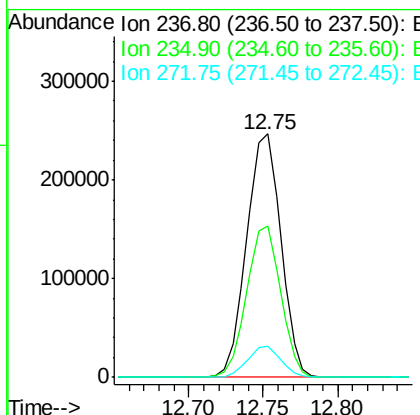
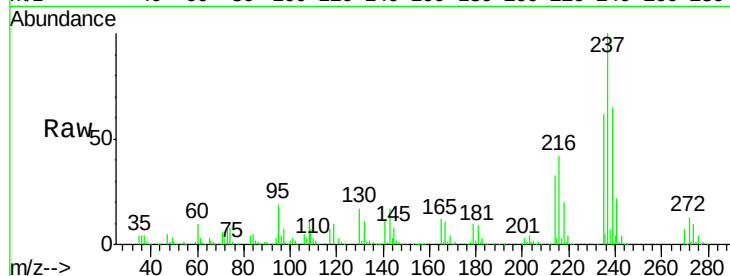
ClientSampleId :

EP-3MS

Tot Ion:	237	Resp:	391666
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.1	81.1
272	13.0	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 138.502 ng

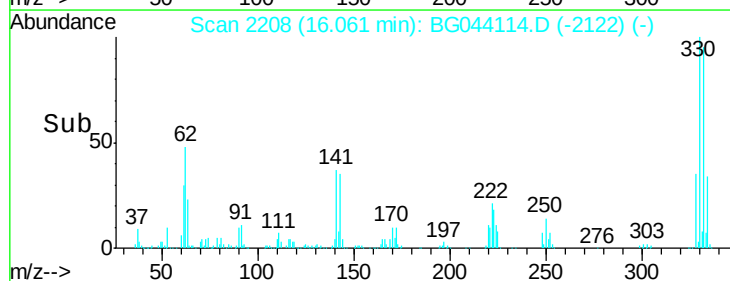
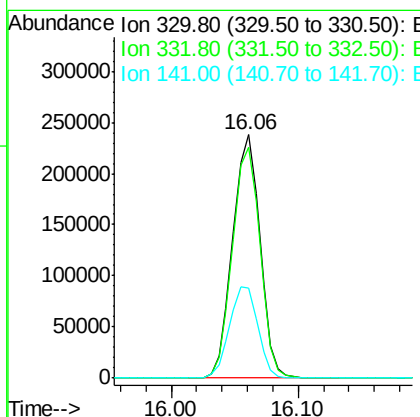
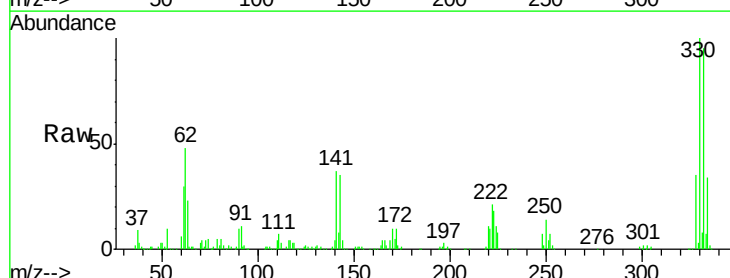
RT: 16.06 min Scan# 2208

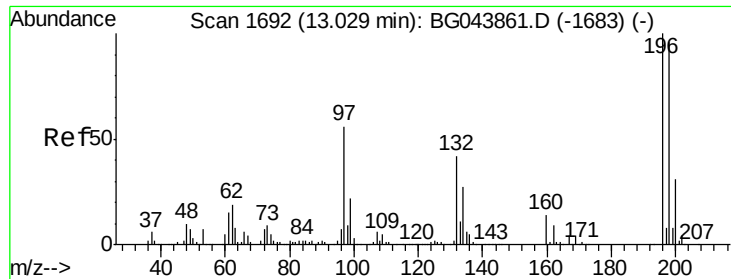
Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	330	Resp:	355451
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	39.0	33.1	49.7





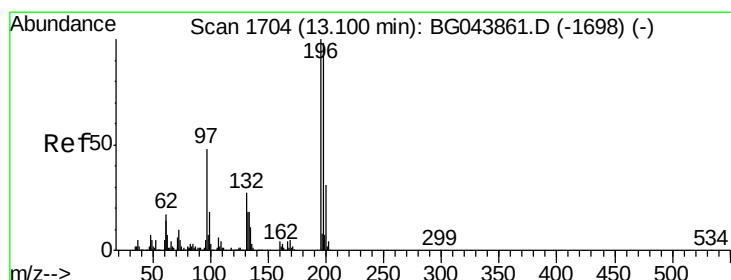
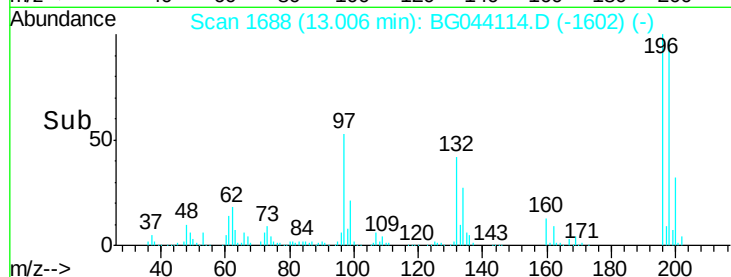
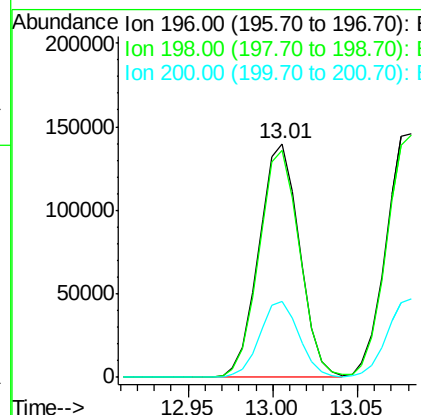
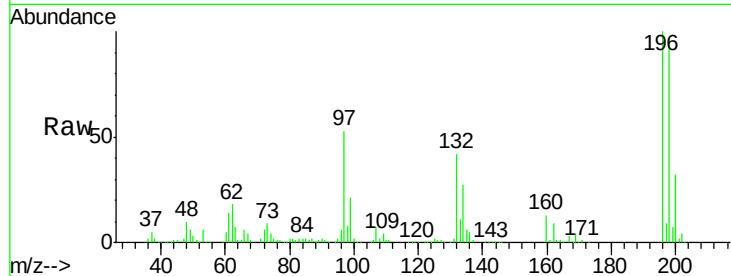
#43
 2,4,6-Trichlorophenol
 Concen: 47.213 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampled :
 EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233512		
198	97.4	76.6	115.0	
200	32.3	24.6	37.0	

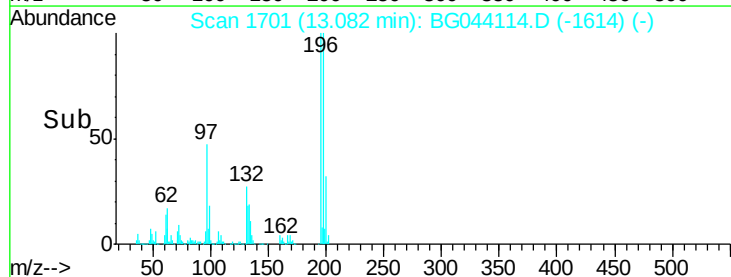
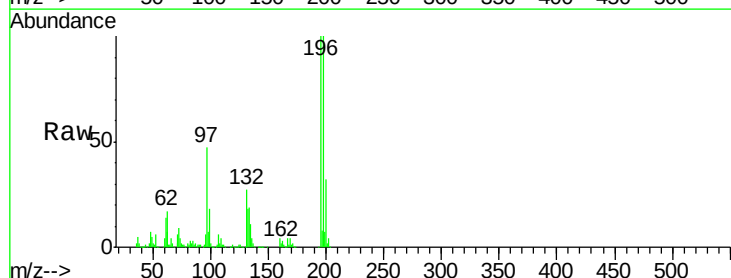
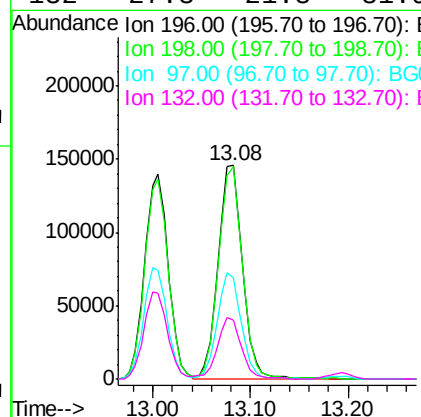
Manual Integrations
 APPROVED

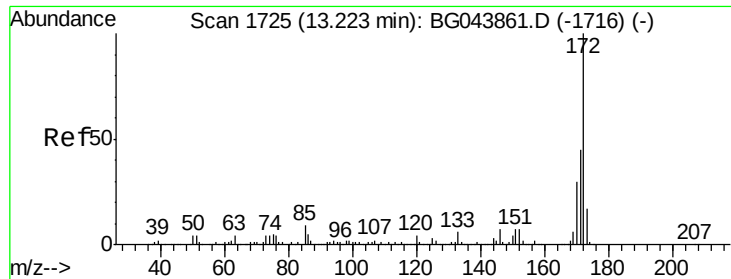
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.438 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252193		
198	99.7	78.3	117.5	
97	47.4	38.8	58.2	
132	27.3	21.3	31.9	





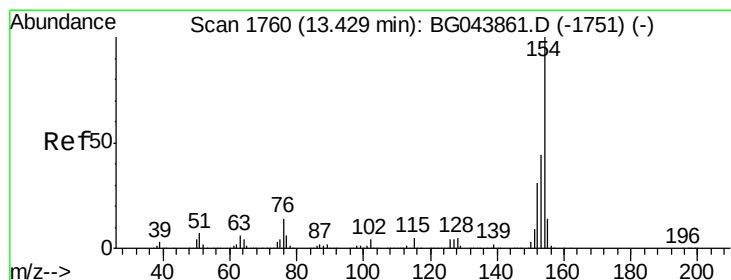
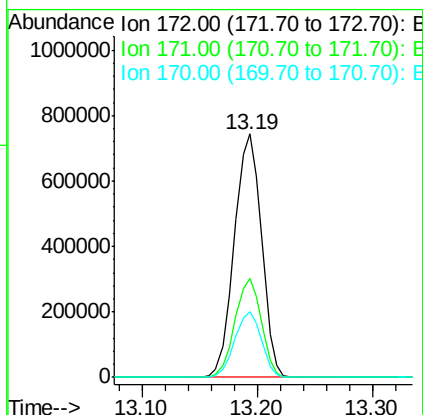
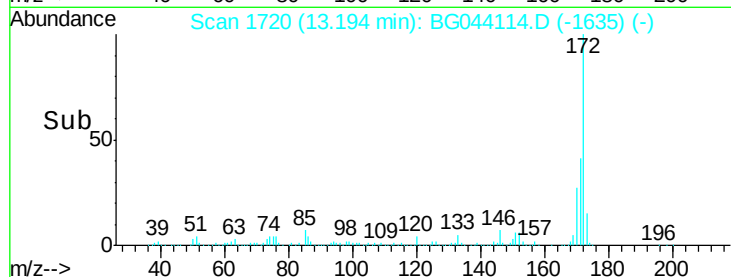
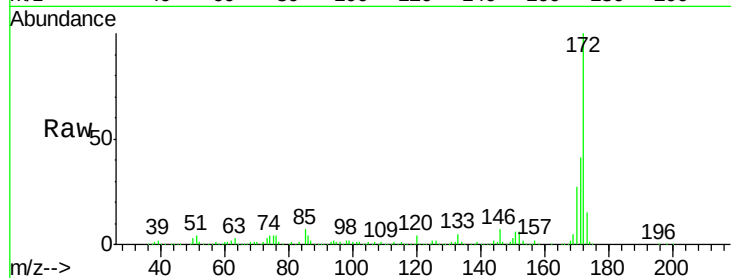
#45
2-Fluorobiphenyl
Concen: 89.170 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.8	35.8	53.8
170	27.0	24.2	36.4

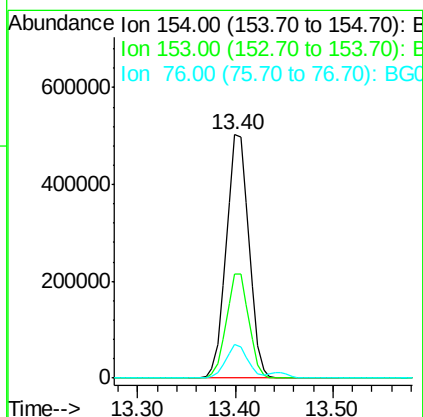
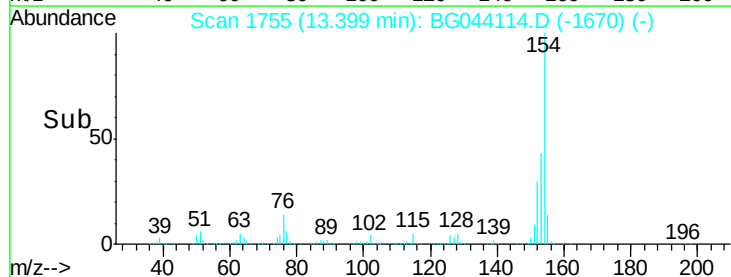
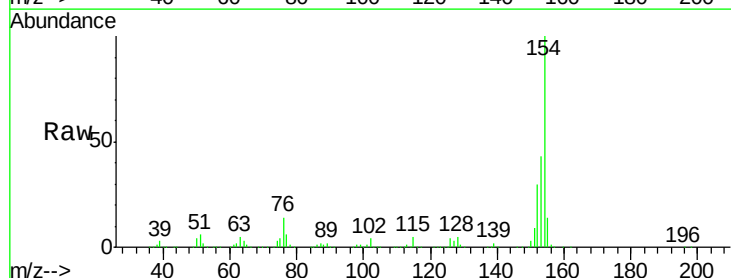
Manual Integrations
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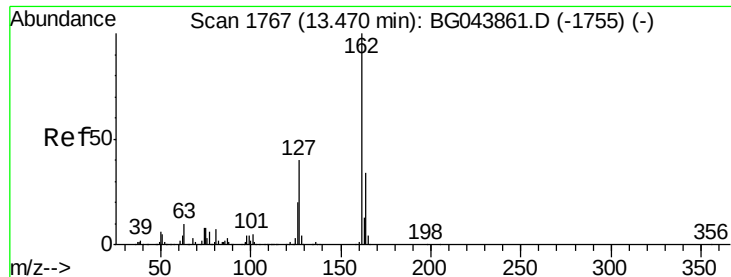
mohammad
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#46
1,1'-Biphenyl
Concen: 45.899 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.6	63.6
76	13.8	0.0	34.4





#47

2-Chloronaphthalene

Concen: 44.547 ng

RT: 13.44 min Scan# 1762

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

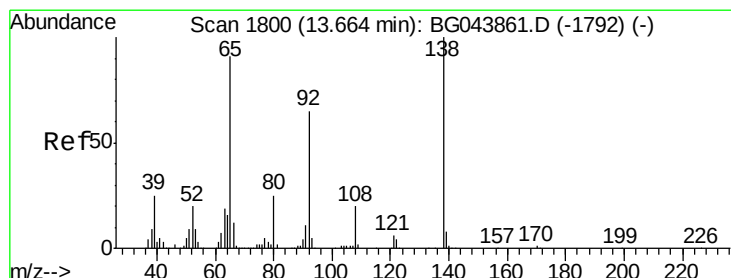
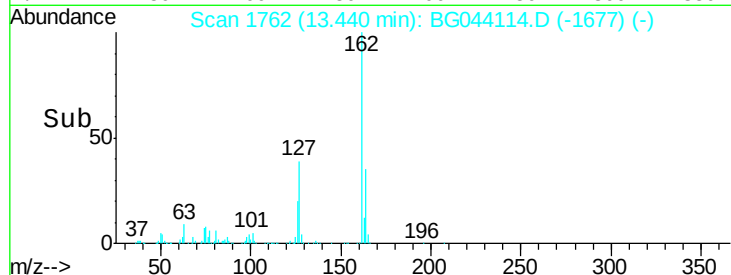
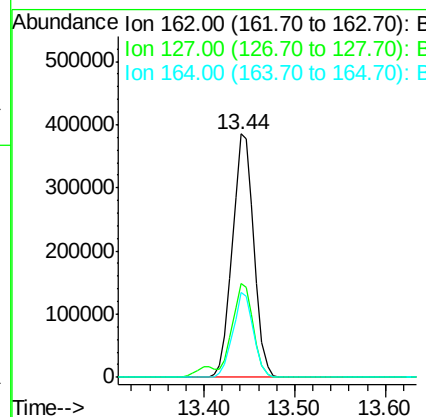
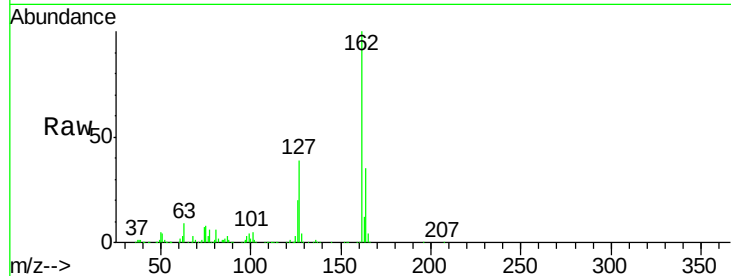
ClientSampled :

EP-3MS

Tot Ion:	162	Resp:	632940
Ion Ratio	Lower	Upper	
162	100		
127	38.8	32.1	48.1
164	34.8	27.5	41.3

Manual Integrations
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#48

2-Nitroaniline

Concen: 43.636 ng

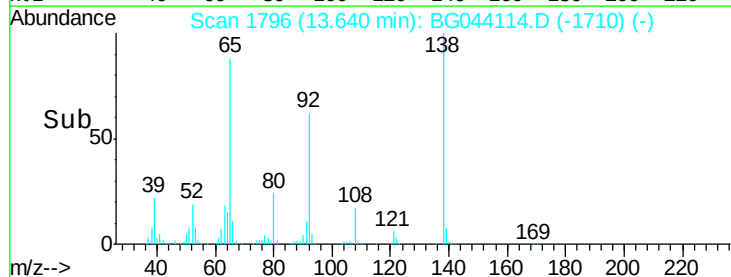
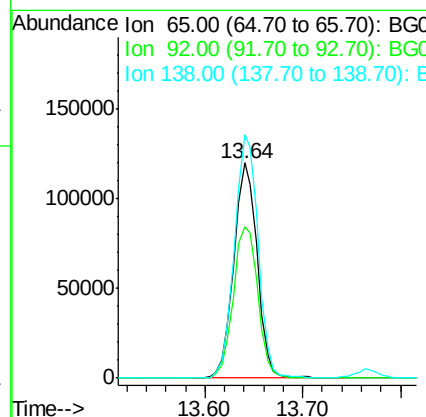
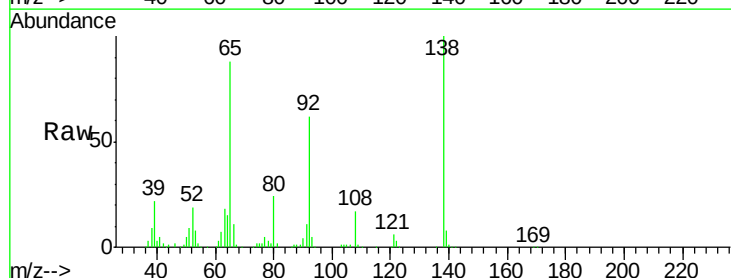
RT: 13.64 min Scan# 1796

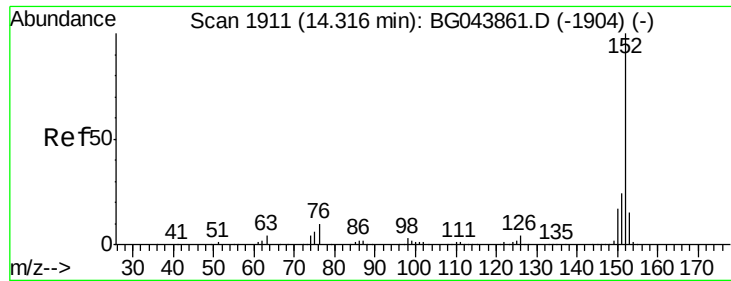
Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	65	Resp:	199439
Ion Ratio	Lower	Upper	
65	100		
92	70.4	57.4	86.2
138	113.0	88.2	132.4





#49

Acenaphthylene

Concen: 49.909 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

Tot Ion:152 Resp: 1019235

Ion Ratio Lower Upper

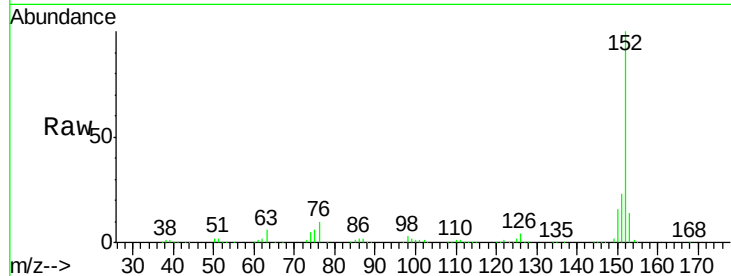
152 100

151 22.8 19.4 29.2

153 14.2 12.0 18.0

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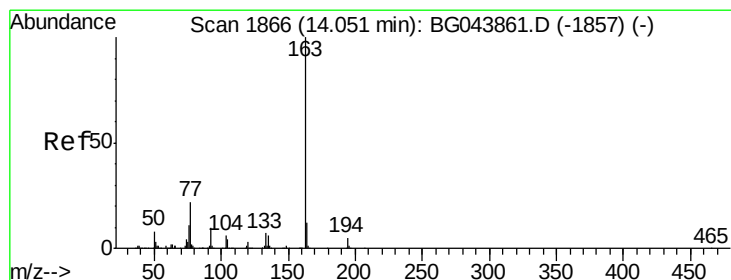
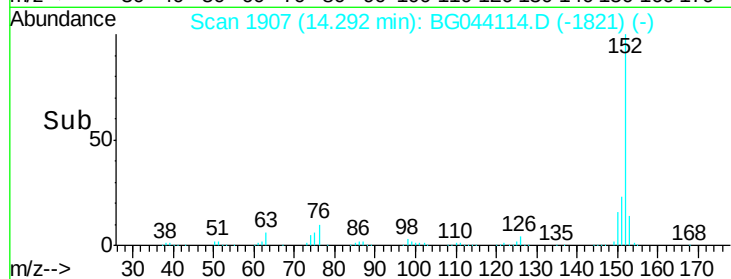
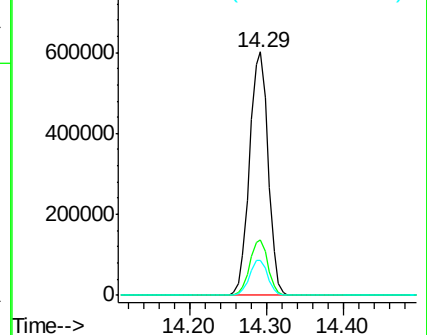
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.643 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

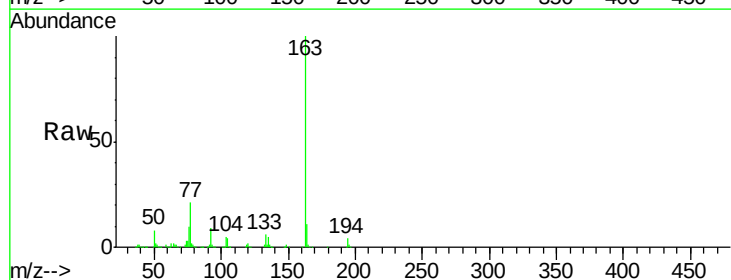
Tgt Ion:163 Resp: 916672

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

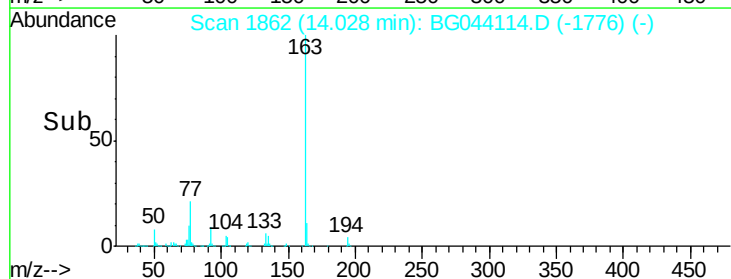
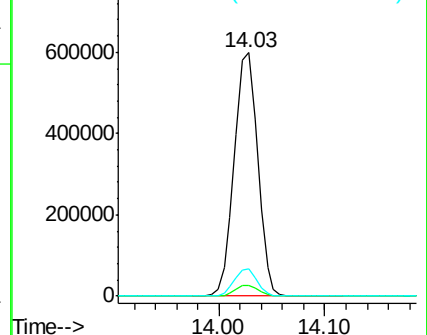
164 11.1 9.3 13.9

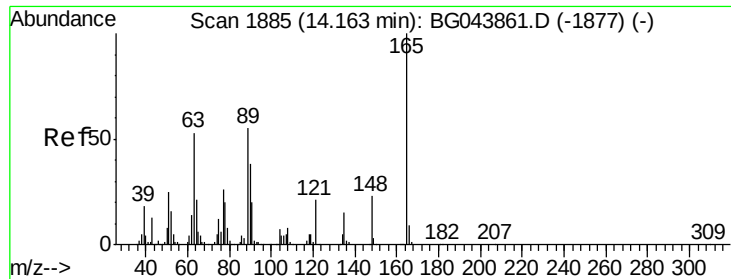


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.176 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

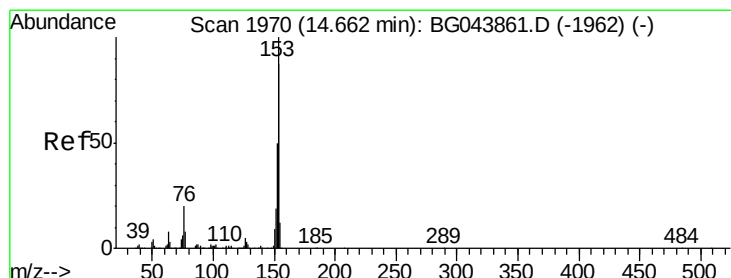
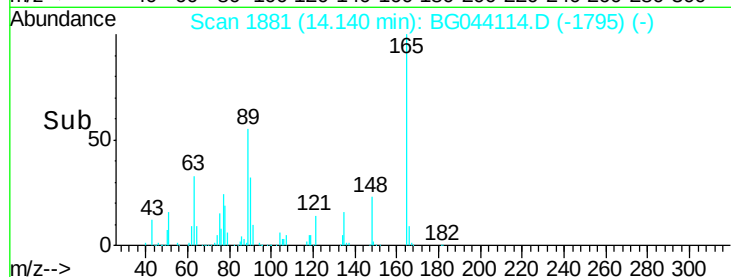
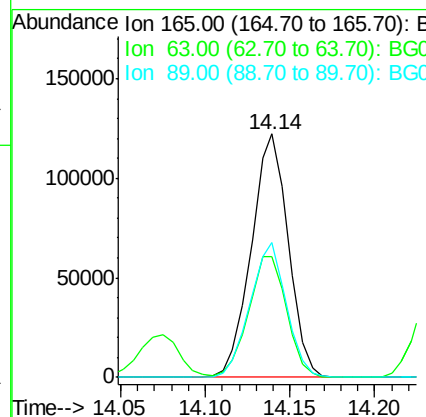
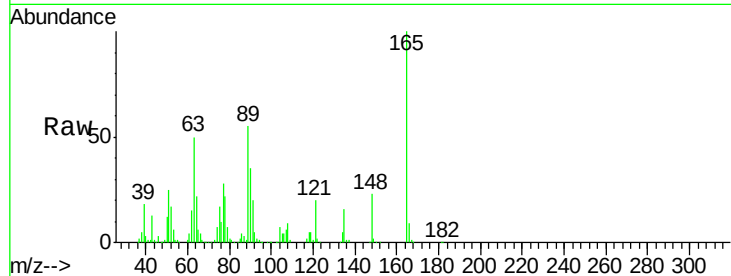
ClientSampled :

EP-3MS

Tot Ion:	165	Resp:	185674
Ion Ratio	Lower	Upper	
165	100		
63	49.7	43.1	64.7
89	55.2	43.8	65.6

Manual Integrations
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#52

Acenaphthene

Concen: 44.377 ng

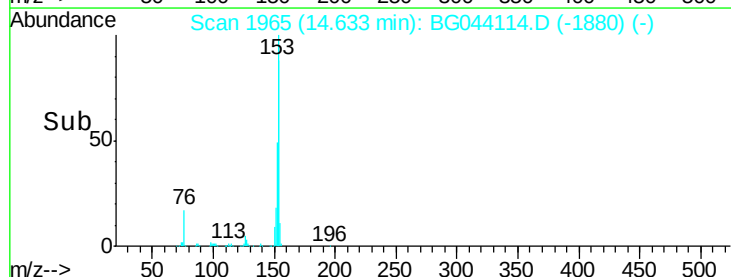
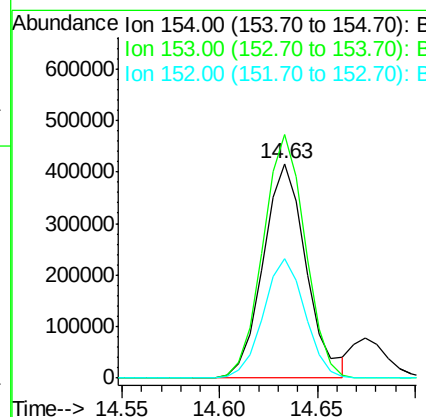
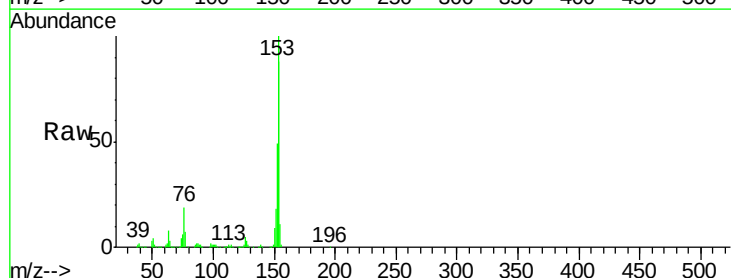
RT: 14.63 min Scan# 1965

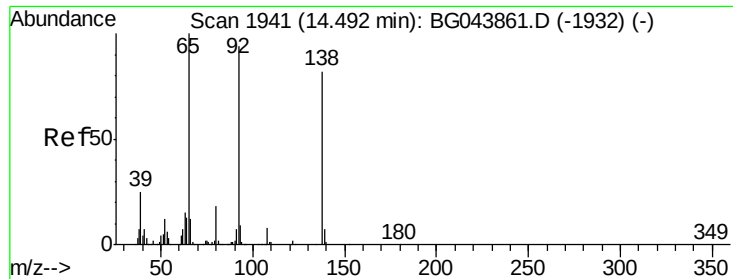
Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	154	Resp:	635549
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.6	137.4
152	55.7	45.4	68.0





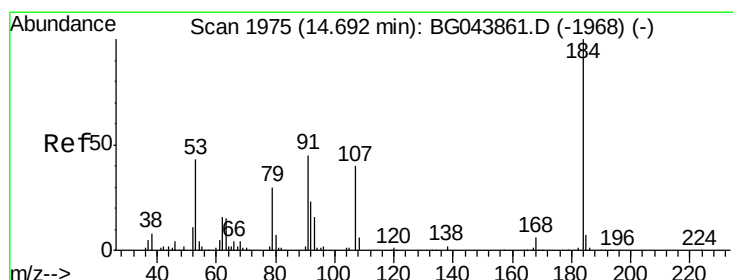
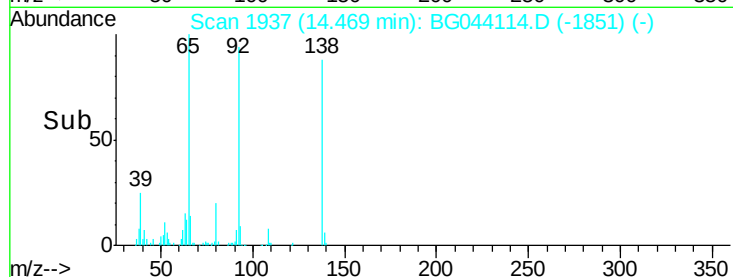
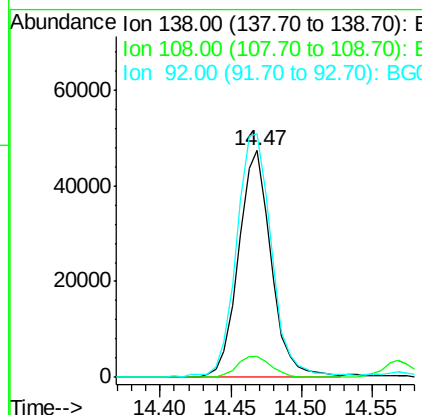
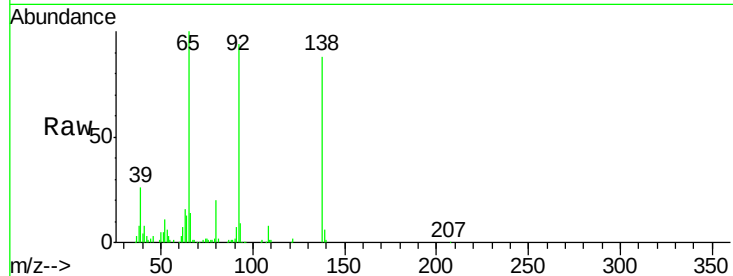
#53
3-Nitroaniline
Concen: 17.137 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.4	11.2
92	107.5	92.1	138.1

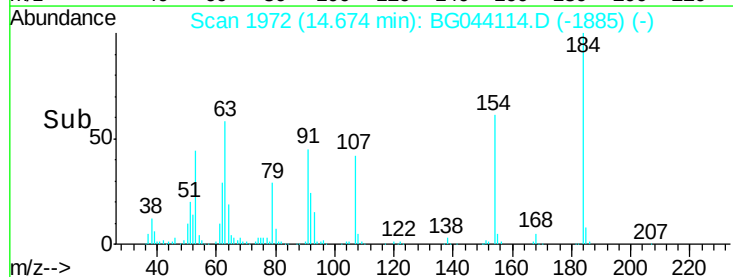
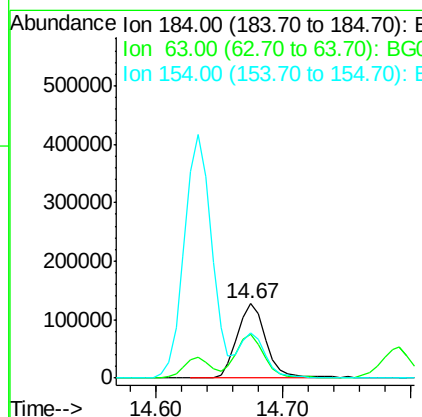
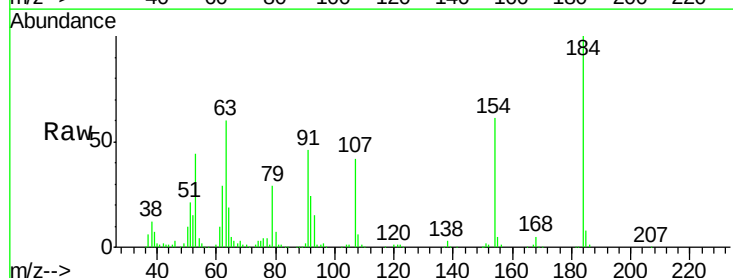
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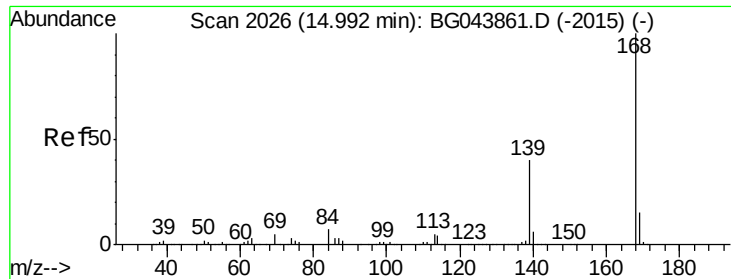
mohammad
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#54
2,4-Dinitrophenol
Concen: 98.656 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	46.6	70.0
154	60.5	50.2	75.4





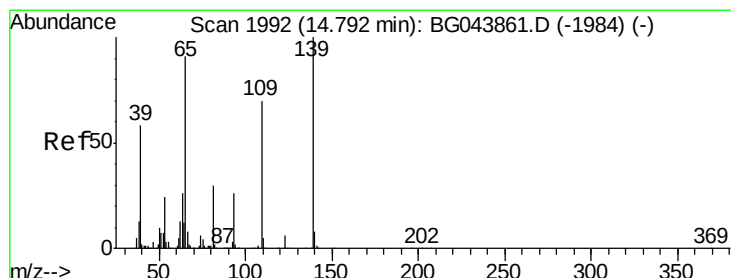
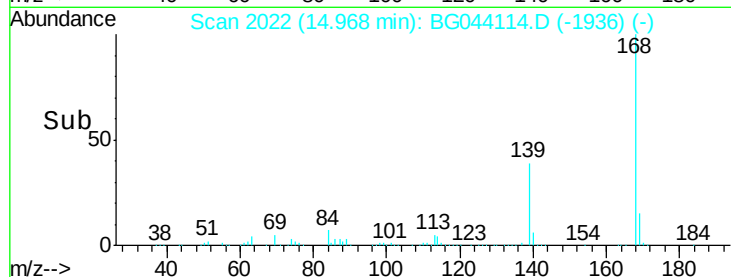
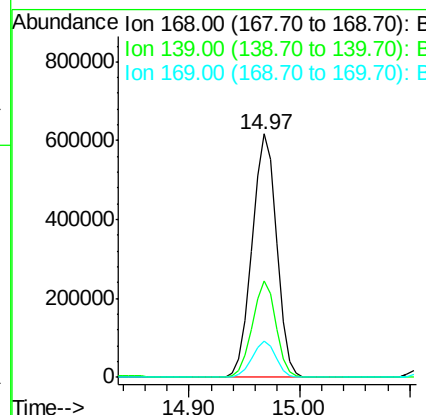
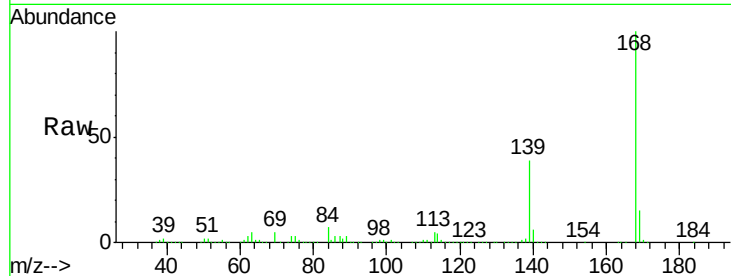
#55
Dibenzofuran
Concen: 49.032 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	966687		
139	39.4	32.2	48.2	
169	15.0	12.2	18.2	

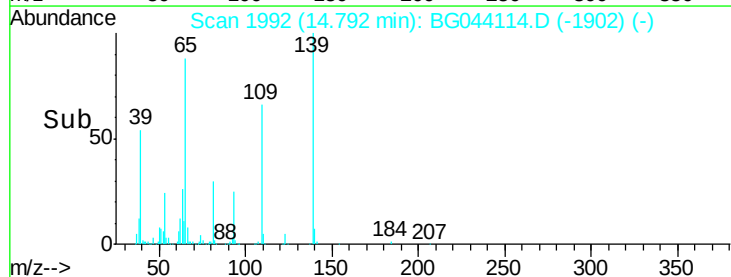
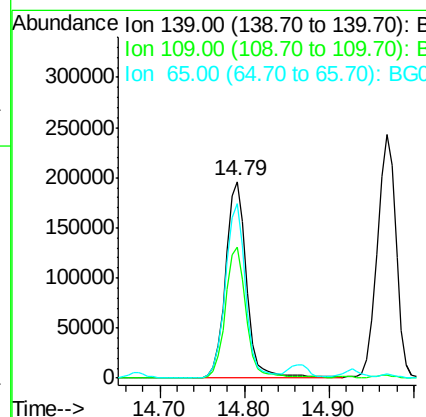
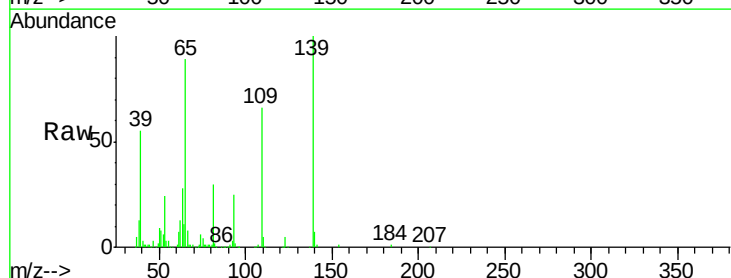
Manual Integrations
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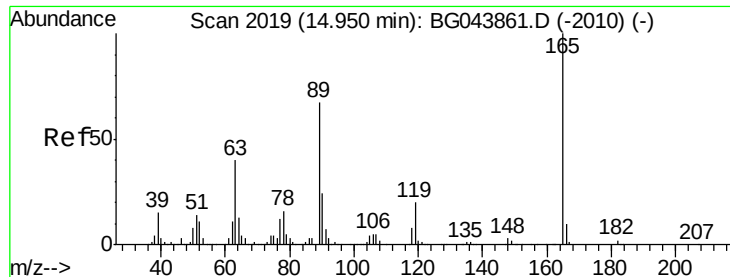
mohammad
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#56
4-Nitrophenol
Concen: 98.937 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	338853		
109	66.4	50.4	90.4	
65	88.5	71.4	111.4	





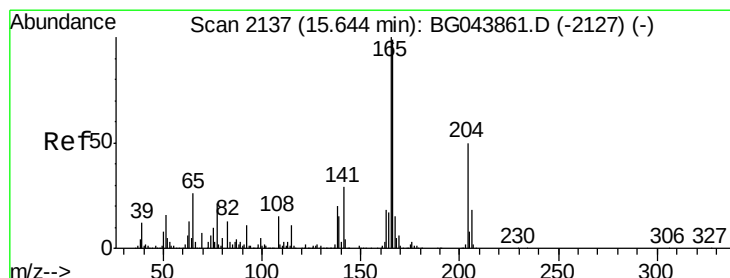
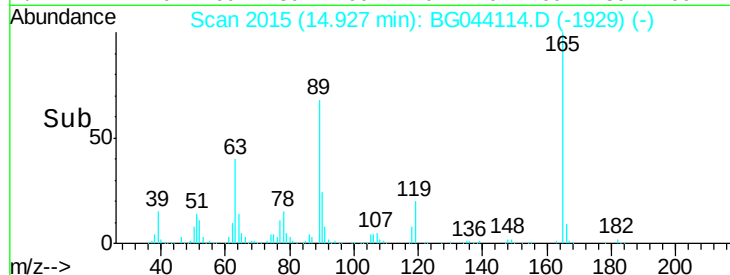
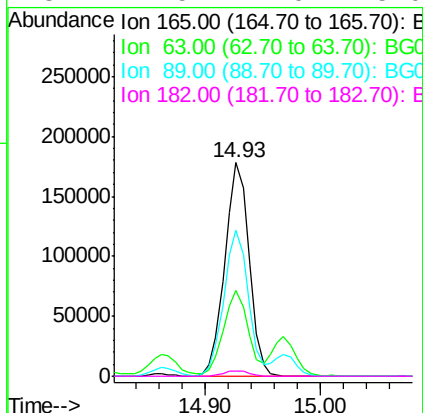
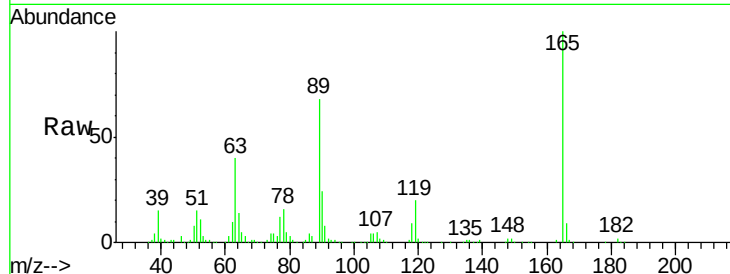
#57
2,4-Dinitrotoluene
Concen: 48.686 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		260731		
63	40.1		31.9	47.9	
89	68.2		53.8	80.6	
182	2.5		2.0	3.0	

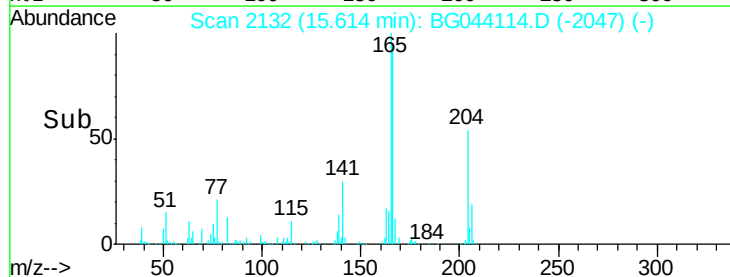
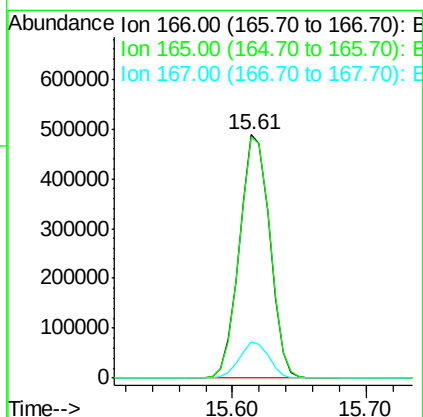
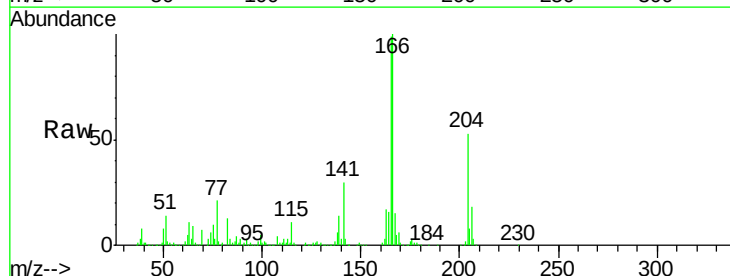
Manual Integrations
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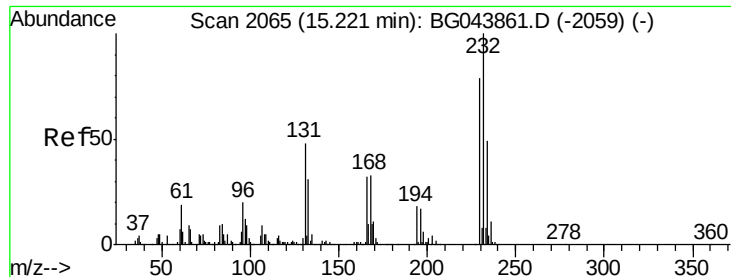
mohammad
1/21/2020 2:25:28 PM



#58
Fluorene
Concen: 49.086 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		767037		
165	98.8		80.8	121.2	
167	14.6		12.1	18.1	





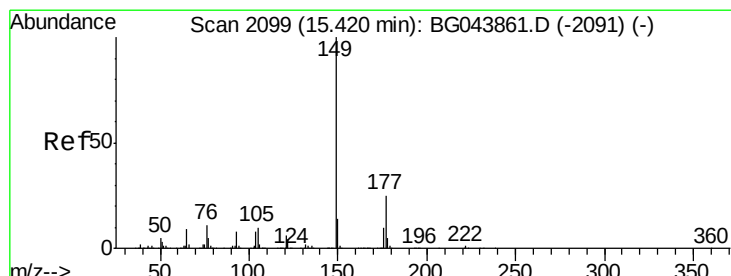
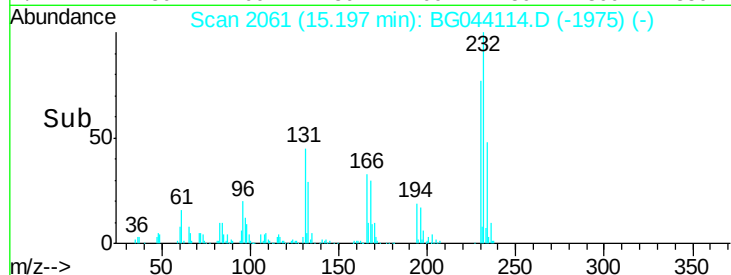
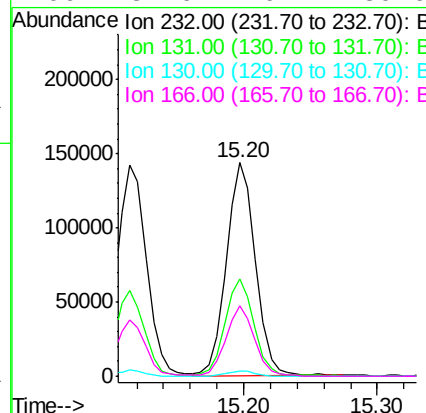
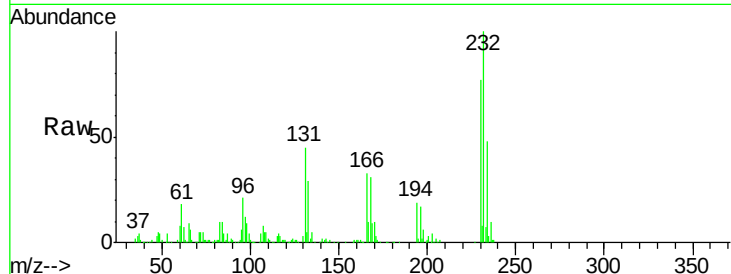
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.889 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	218834		
131	45.1	38.2	57.2	
130	2.5	2.2	3.2	
166	32.6	26.4	39.6	

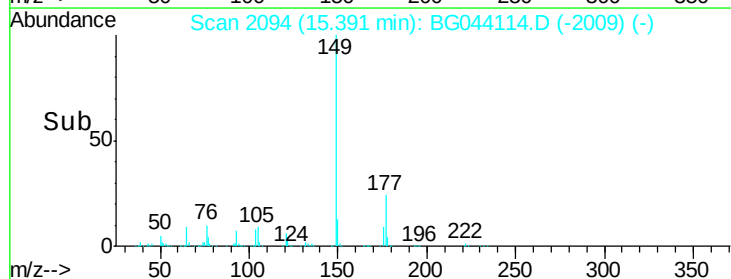
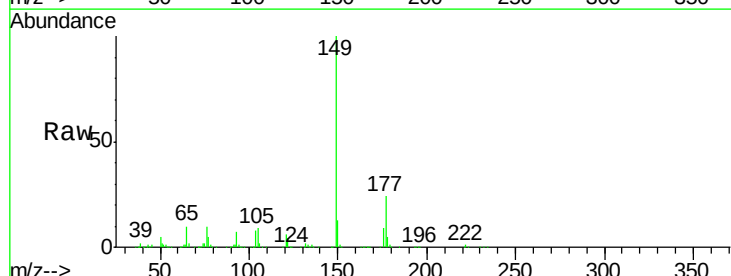
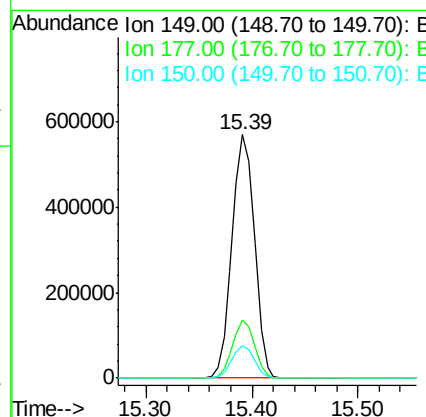
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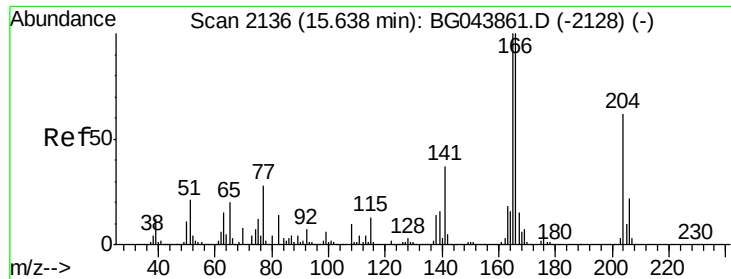
mohammad
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#60
Diethylphthalate
Concen: 47.918 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	834555		
177	23.8	20.0	30.0	
150	13.4	11.1	16.7	





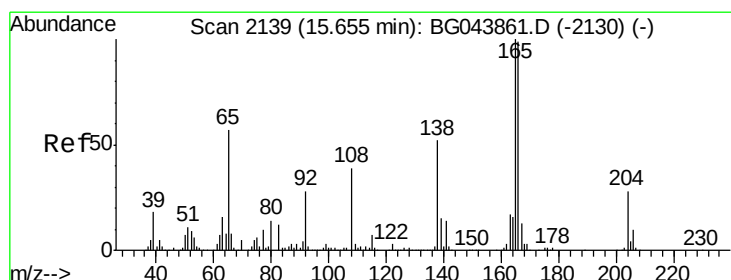
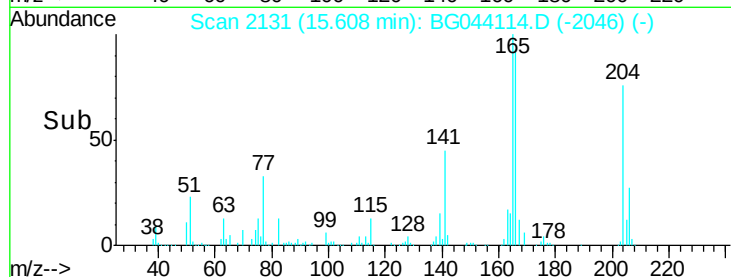
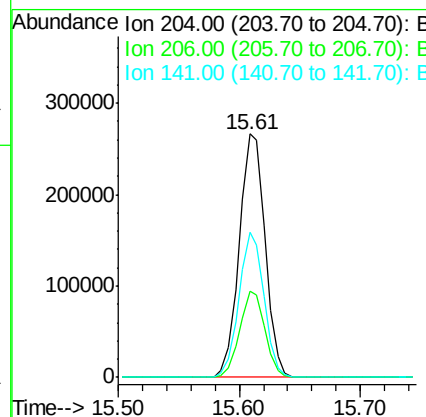
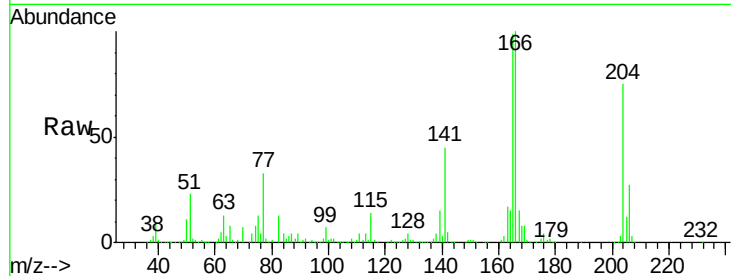
#61
4-Chlorophenyl-phenylether
Concen: 46.834 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	397391		
206	35.6	28.2	42.2	
141	59.7	48.2	72.2	

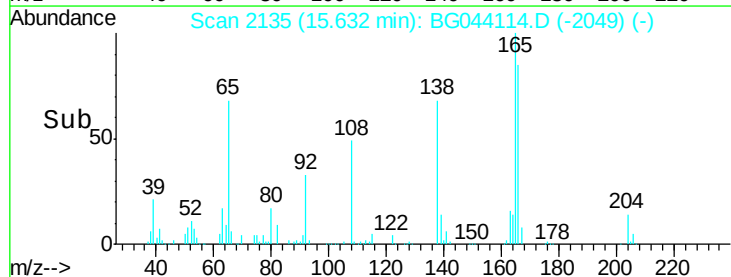
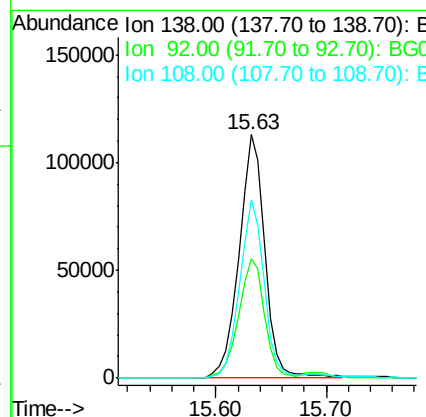
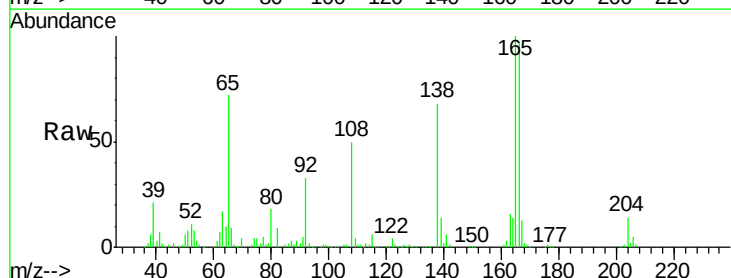
Manual Integrations
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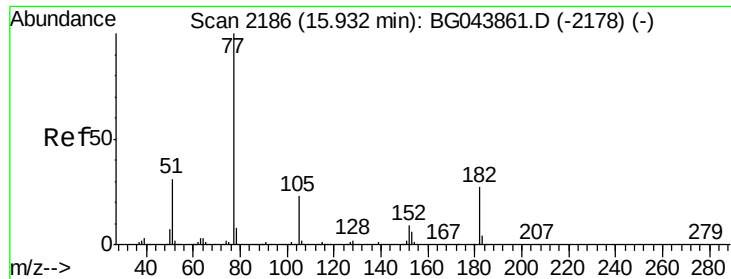
mohammad
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#62
4-Nitroaniline
Concen: 42.046 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	185574		
92	48.9	34.3	74.3	
108	73.5	55.0	95.0	





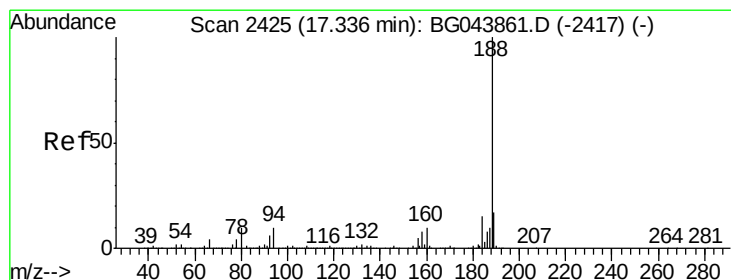
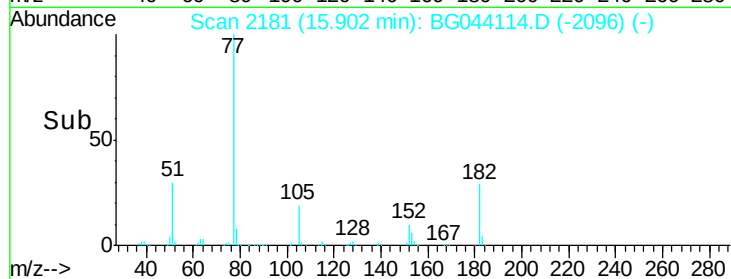
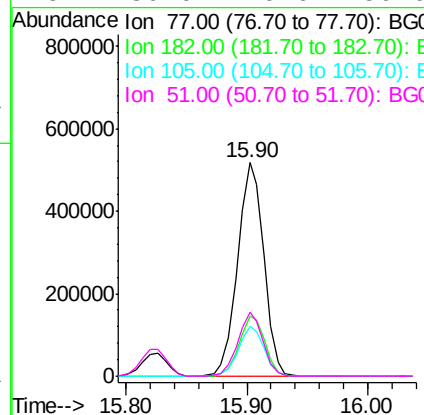
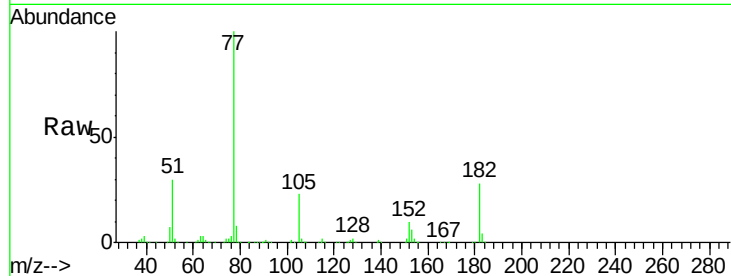
#63
Azobenzene
Concen: 48.284 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.3	47.3
105	23.5	3.2	43.2
51	30.0	10.6	50.6

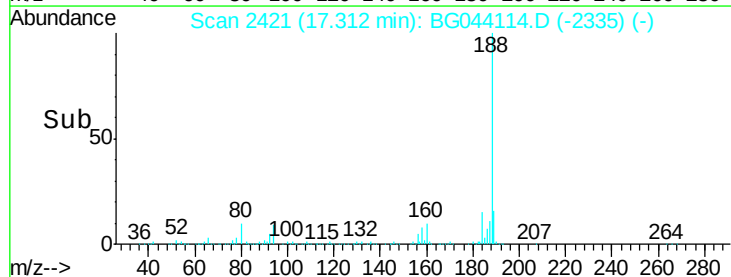
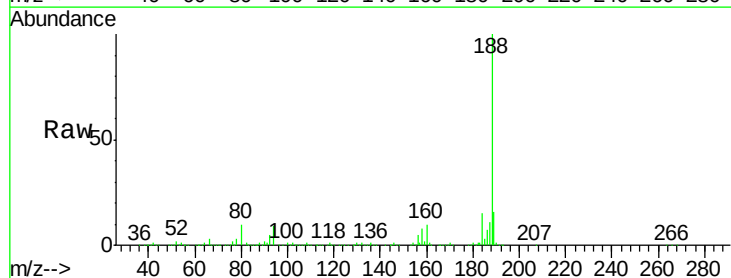
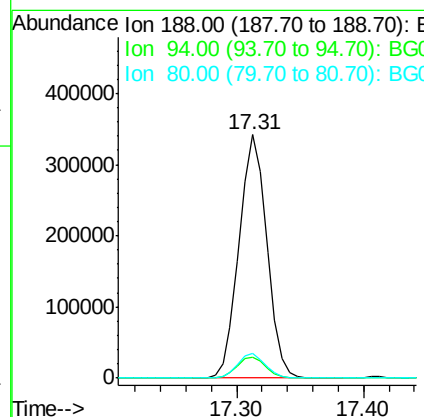
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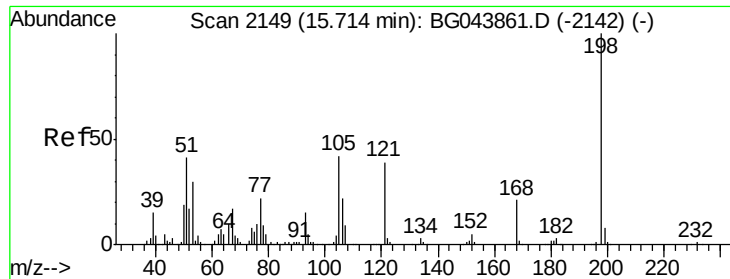
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.9	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 56.572 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

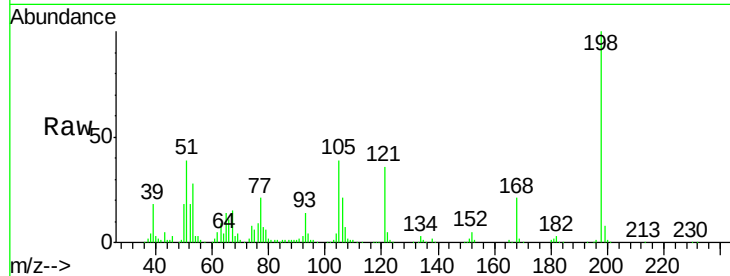
ClientSampled :

EP-3MS

Tot Ion:	198	Resp:	153283
Ion Ratio	Lower	Upper	
198	100		
51	38.7	22.5	62.5
105	38.6	22.3	62.3

Manual Integrations
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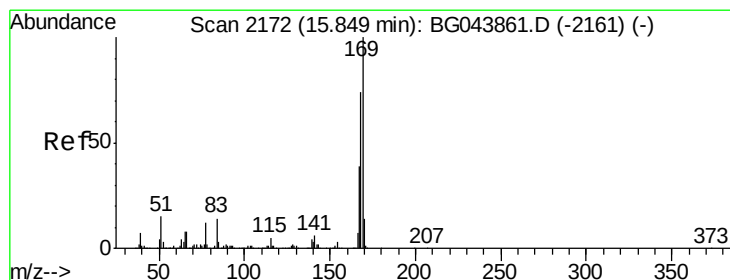
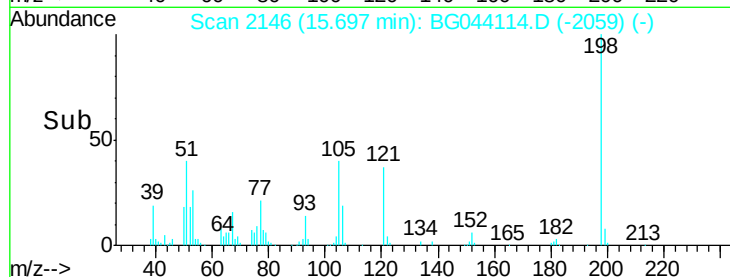
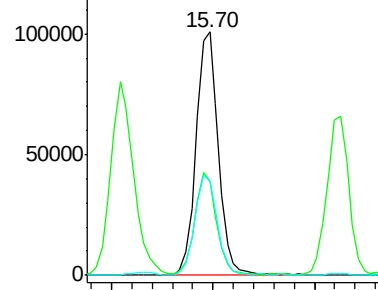
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.415 ng

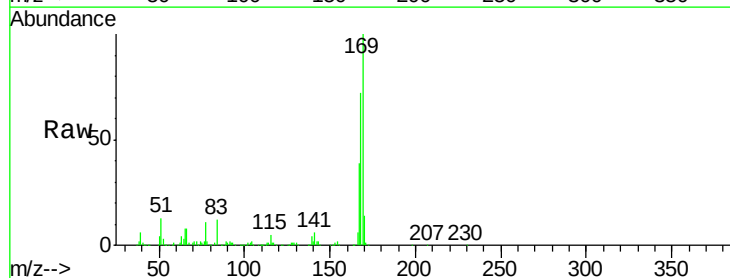
RT: 15.83 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

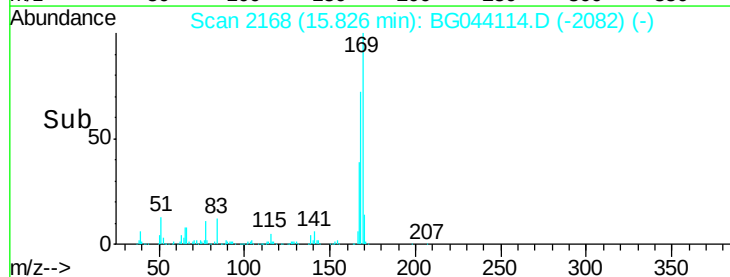
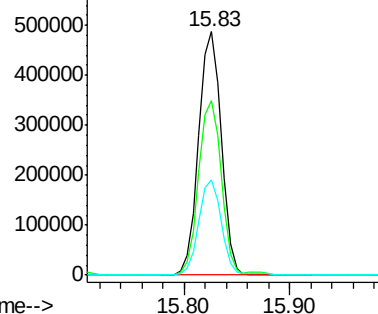
Tgt Ion:	169	Resp:	723277
Ion Ratio	Lower	Upper	
169	100		
168	71.7	59.0	88.6
167	39.0	31.4	47.0

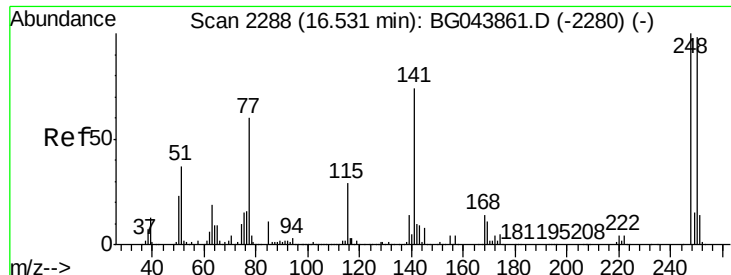


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





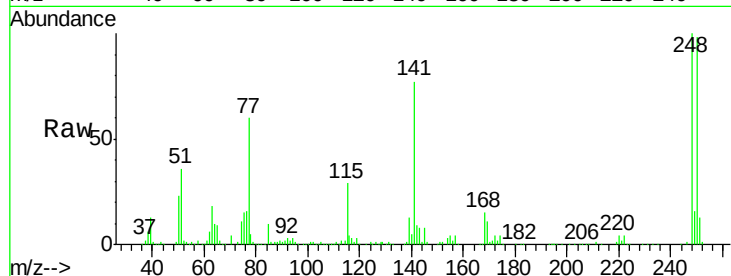
#67
4-Bromophenyl-phenylether
Concen: 44.322 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

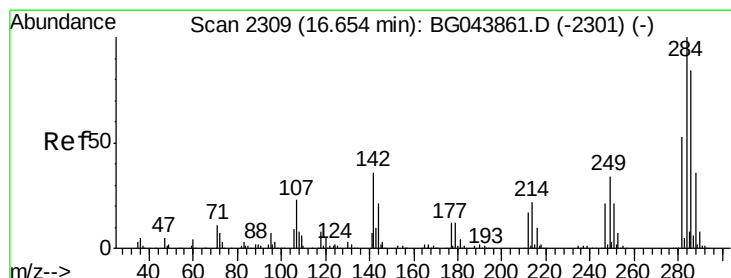
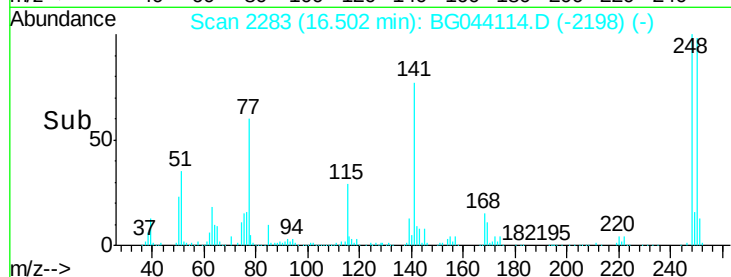
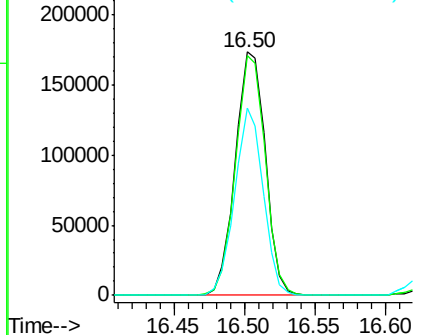
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.2
141	76.7	59.3	88.9

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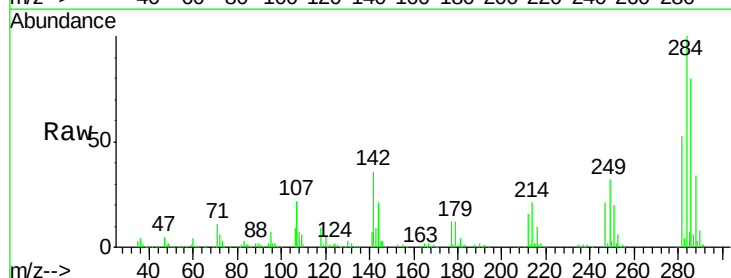


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

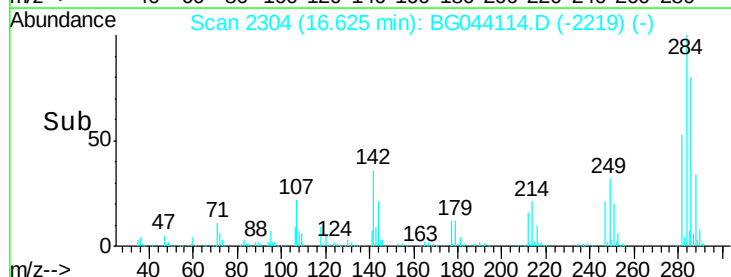
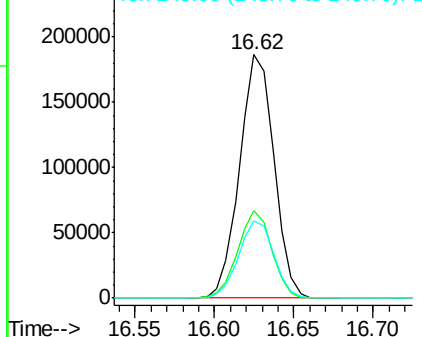


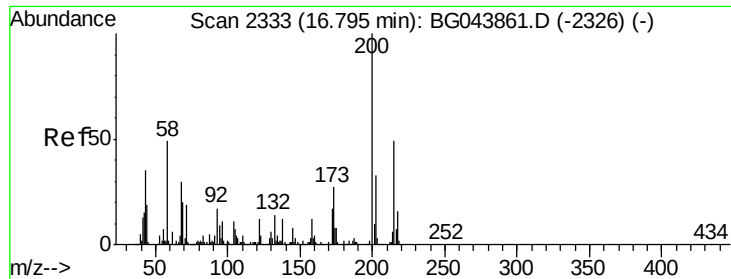
#68
Hexachlorobenzene
Concen: 44.751 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.6	43.0
249	32.0	27.0	40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





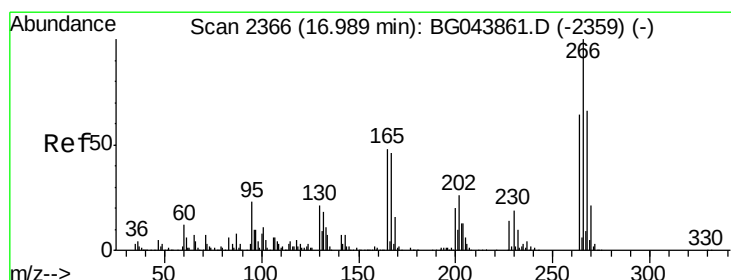
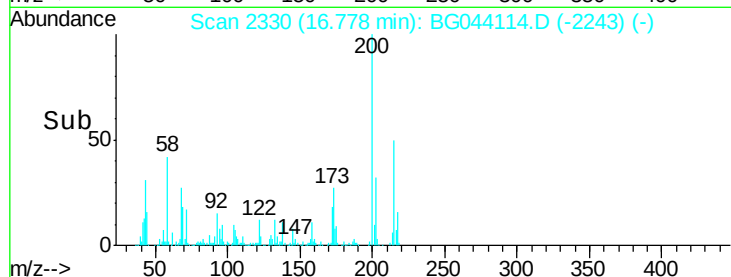
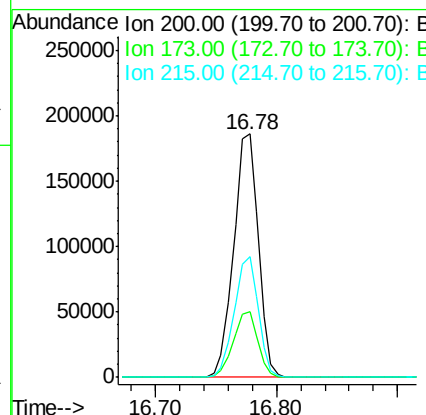
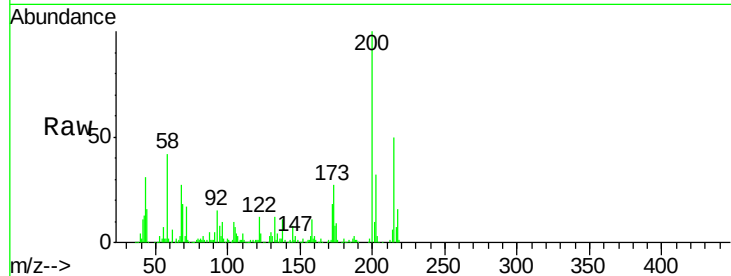
#69
 Atrazine
 Concen: 53.347 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampled :
 EP-3MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.6	46.6
215	49.7	28.6	68.6

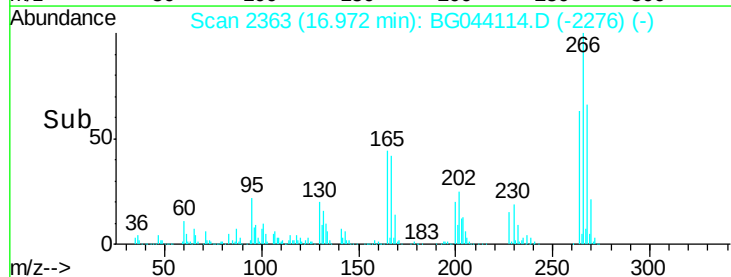
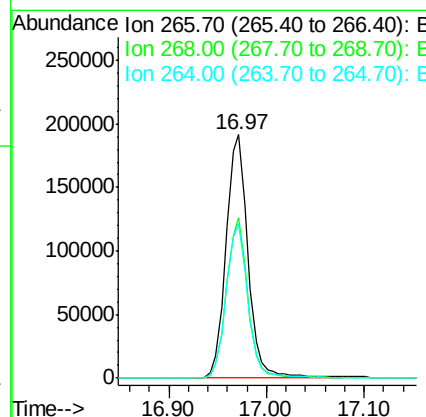
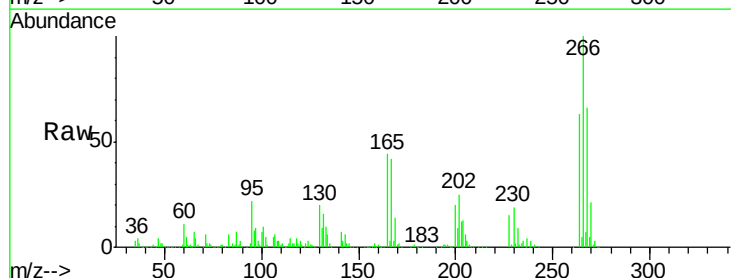
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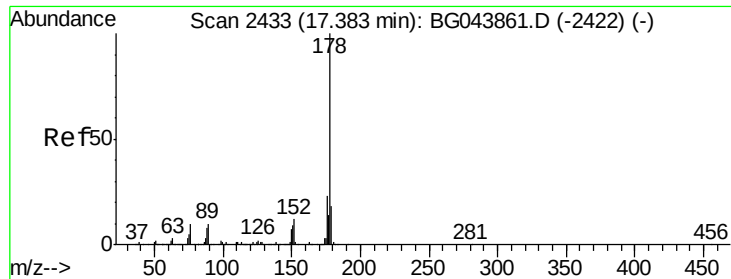
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#70
 Pentachlorophenol
 Concen: 86.411 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	52.6	79.0
264	63.4	50.8	76.2





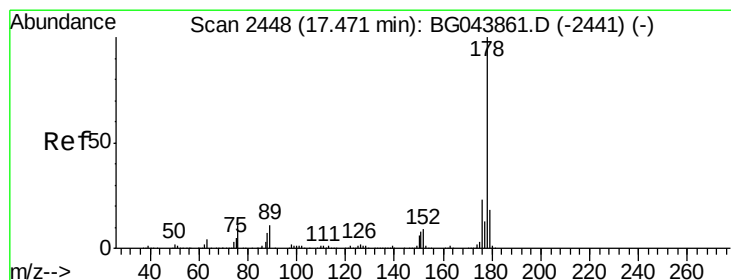
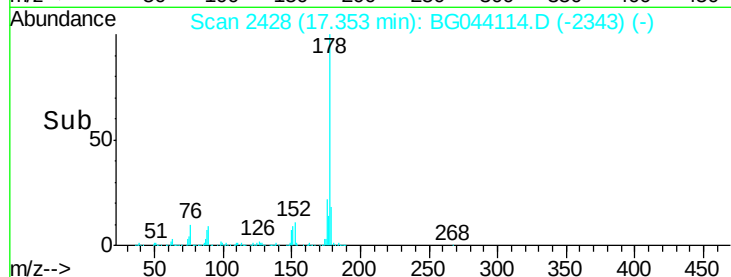
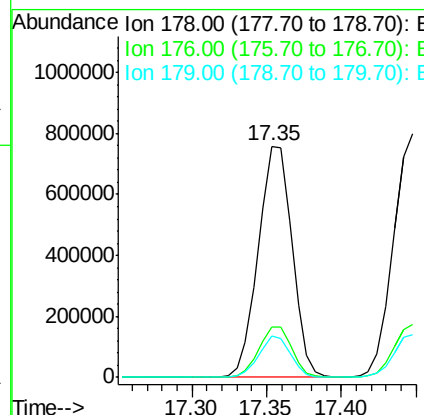
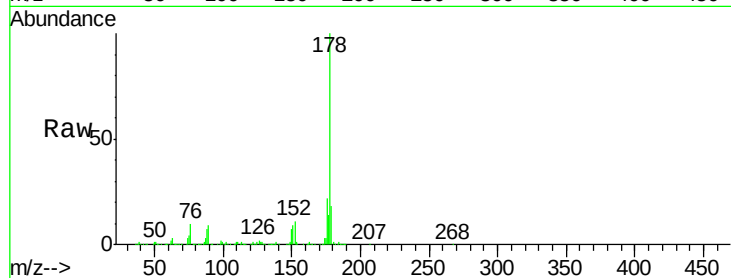
#71
Phenanthrene
Concen: 47.799 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampled :
EP-3MS

Tot Ion:178 Resp: 1187600
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 18.0 14.4 21.6

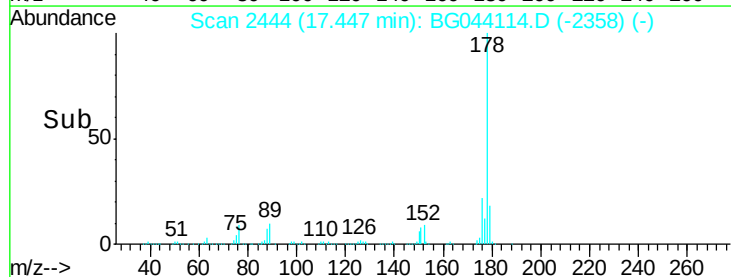
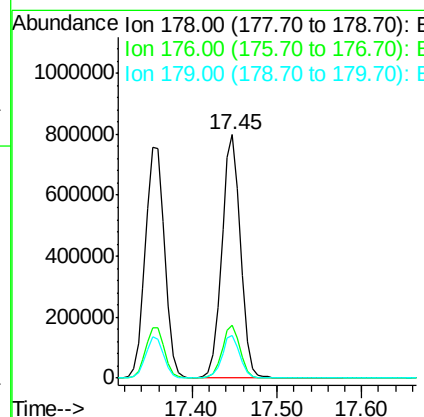
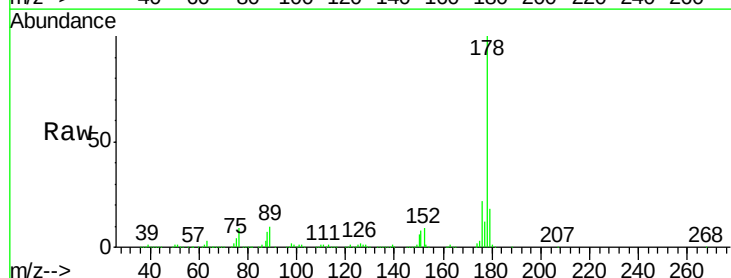
Manual Integrations
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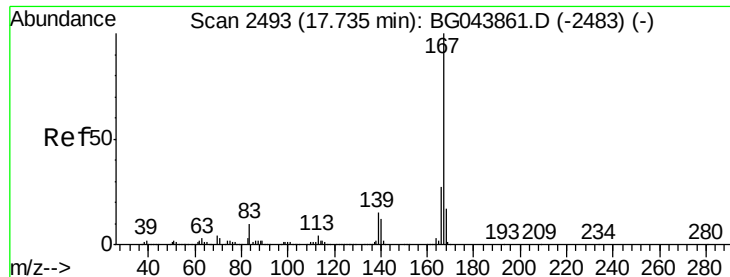
mohammad
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#72
Anthracene
Concen: 49.978 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:178 Resp: 1227178
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.5 14.6 22.0





#73

Carbazole

Concen: 47.641 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampled :

EP-3MS

Tot Ion:167 Resp: 1080563

Ion Ratio Lower Upper

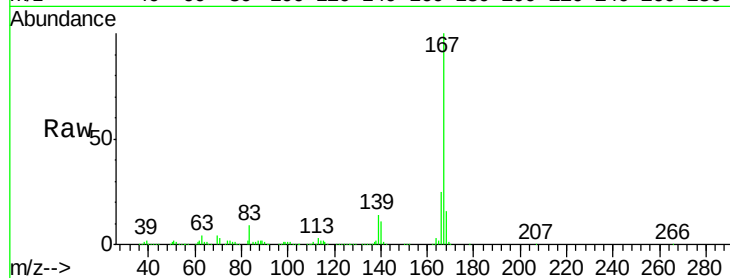
167 100

166 25.0 21.6 32.4

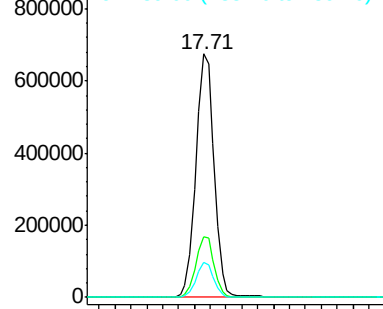
139 14.2 12.1 18.1

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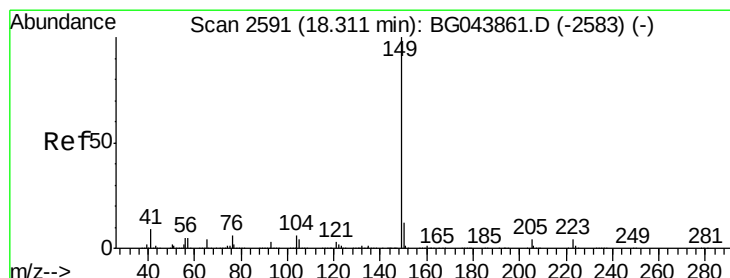
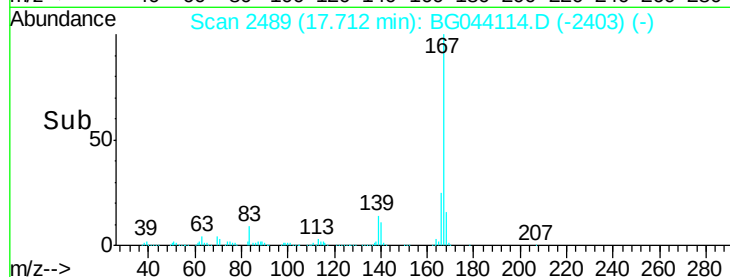
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 46.200 ng

RT: 18.28 min Scan# 2586

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

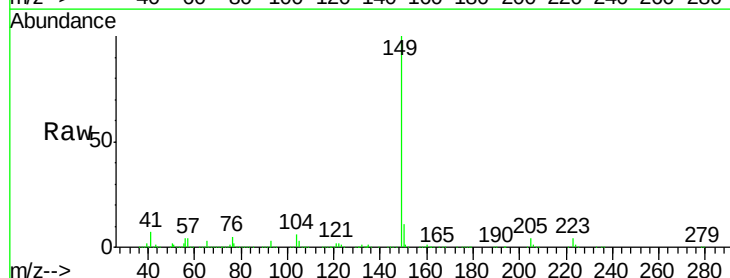
Tgt Ion:149 Resp: 1337901

Ion Ratio Lower Upper

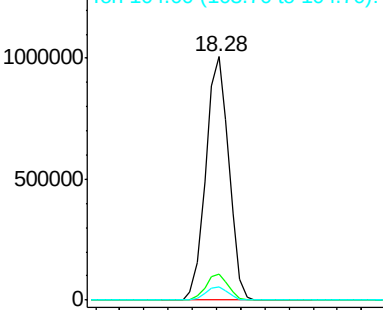
149 100

150 10.9 9.7 14.5

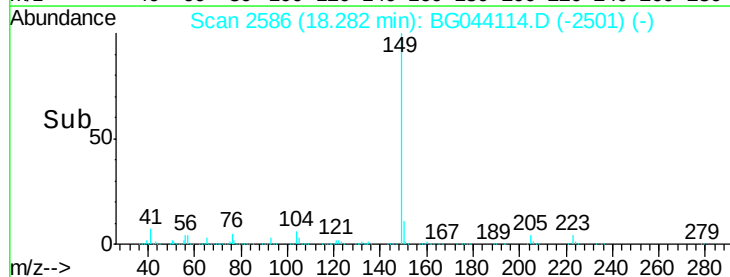
104 5.7 5.0 7.4

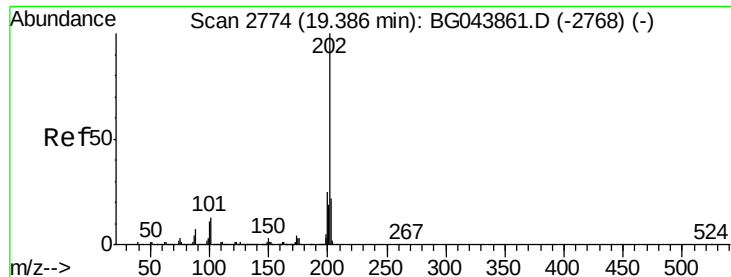


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 47.175 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

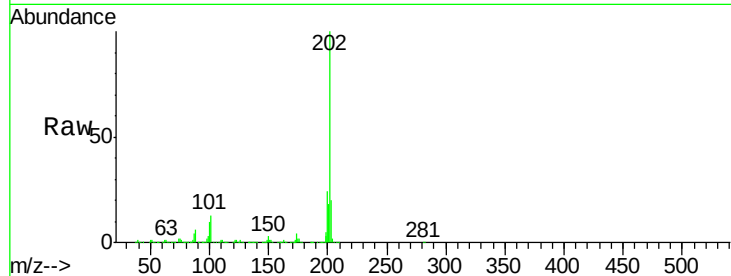
ClientSampleId :

EP-3MS

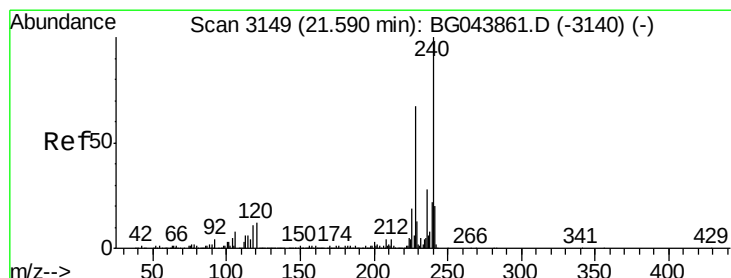
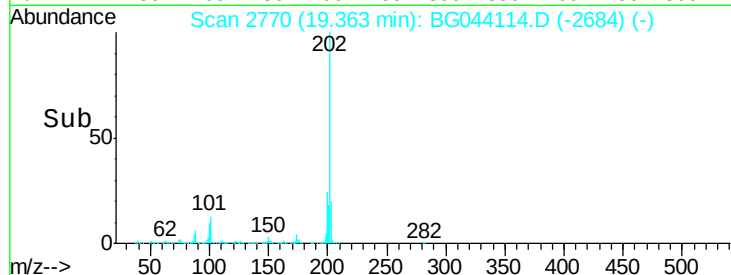
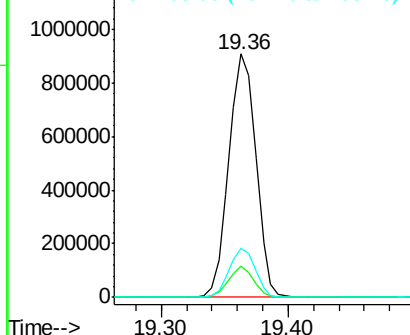
Tot Ion:	202	Resp:	1340442
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	33.3
203	20.2	1.6	41.6

Manual Integrations
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1/21/2020 2:25:28 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

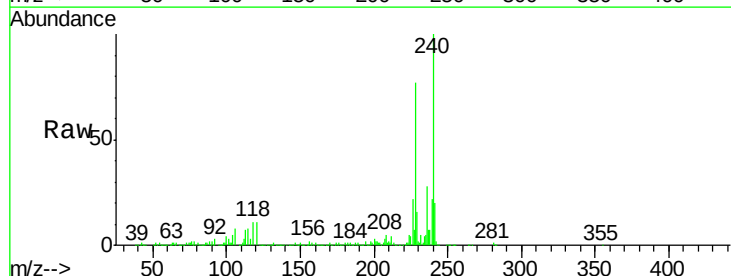
RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

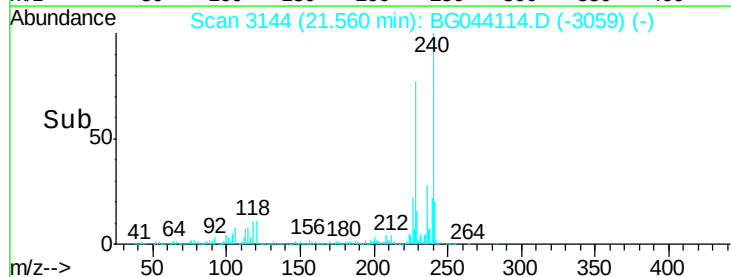
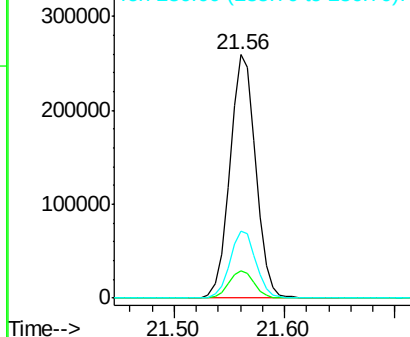
Lab File: BG044114.D

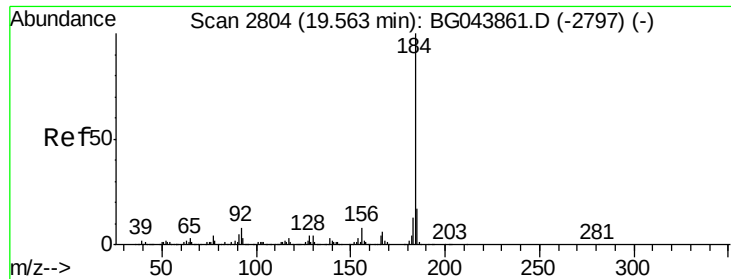
Acq: 21 Jan 2020 1:33

Tgt Ion:	240	Resp:	424736
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.6	14.4
236	27.6	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





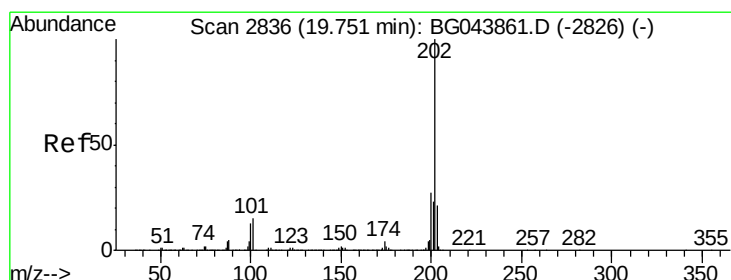
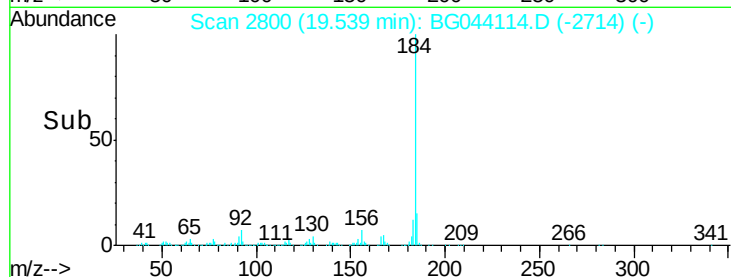
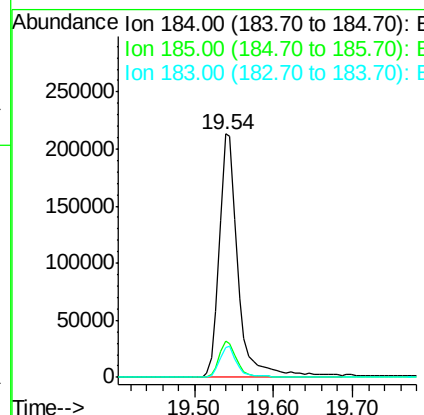
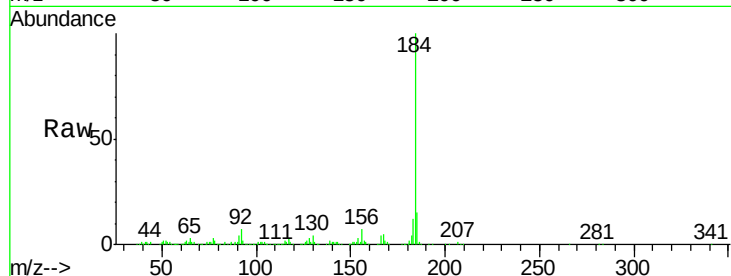
#77
Benzidine
Concen: 32.943 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.0
183	12.2	10.6	15.8

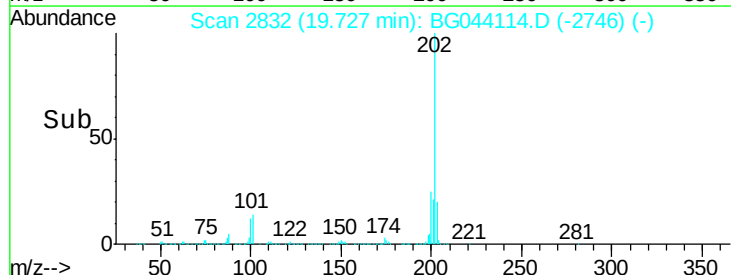
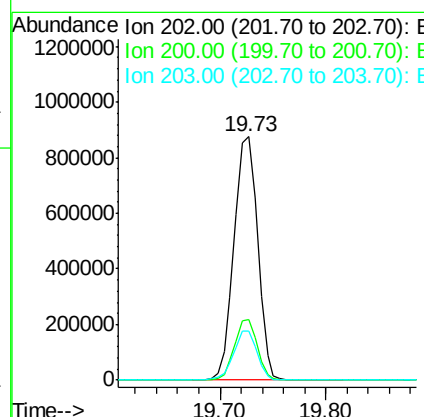
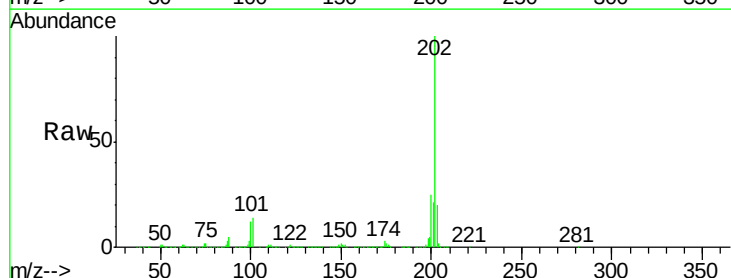
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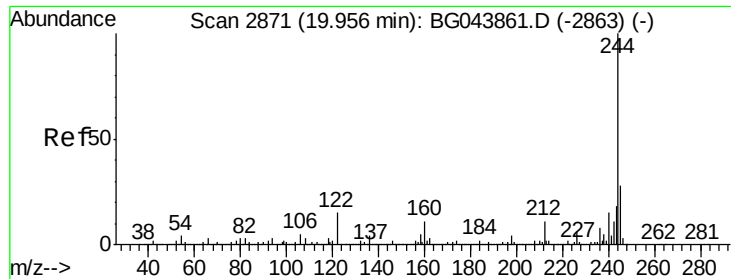
mohammad
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#78
Pyrene
Concen: 48.699 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	21.7	32.5
203	19.9	17.0	25.6





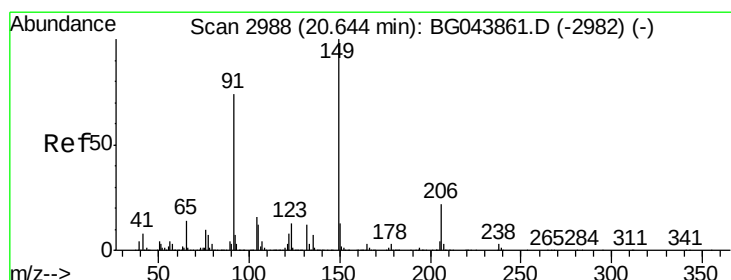
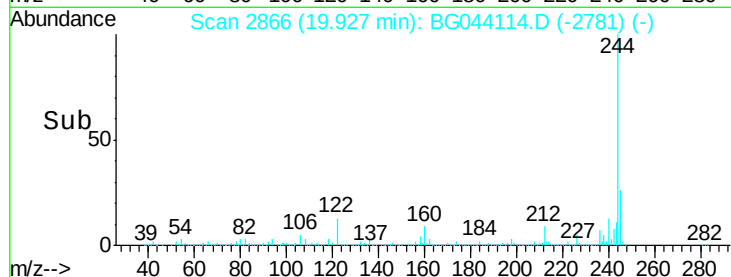
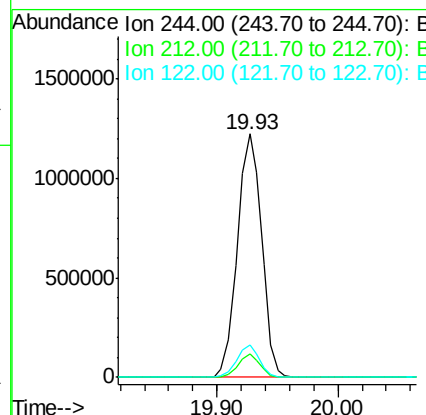
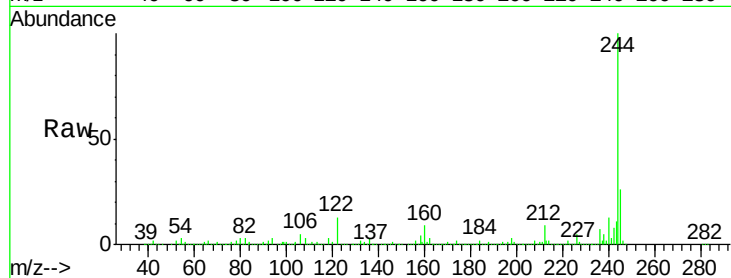
#79
 Terphenyl-d14
 Concen: 102.684 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampled :
 EP-3MS

Tot Ion:244 Resp: 1715784
 Ion Ratio Lower Upper
 244 100
 212 9.4 8.6 13.0
 122 13.3 11.9 17.9

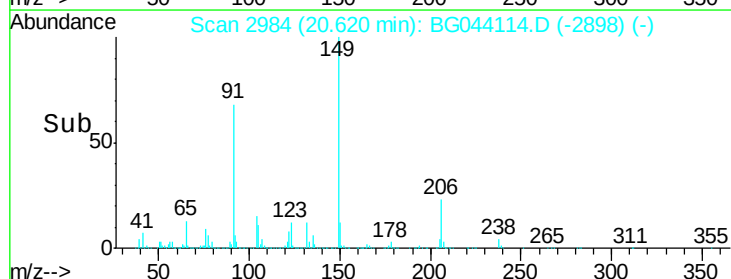
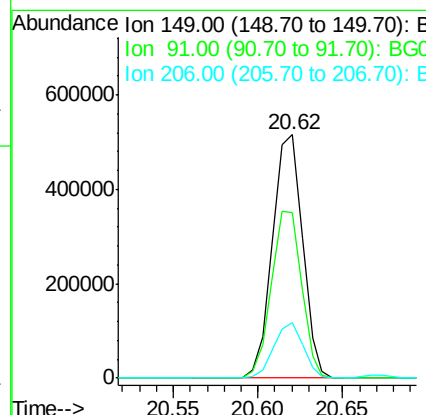
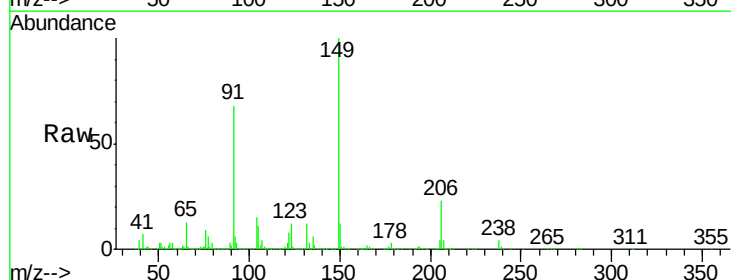
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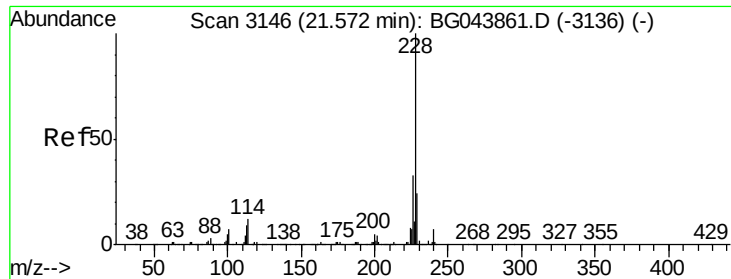
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.877 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:149 Resp: 631946
 Ion Ratio Lower Upper
 149 100
 91 68.2 59.5 89.3
 206 22.8 17.8 26.6





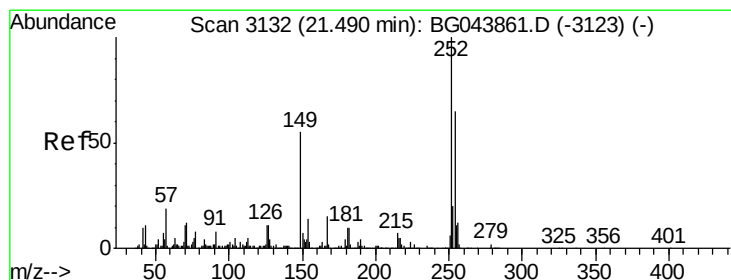
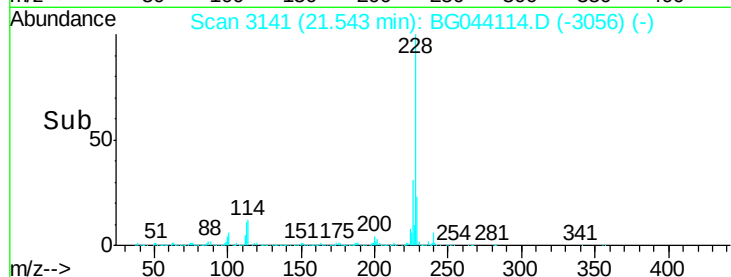
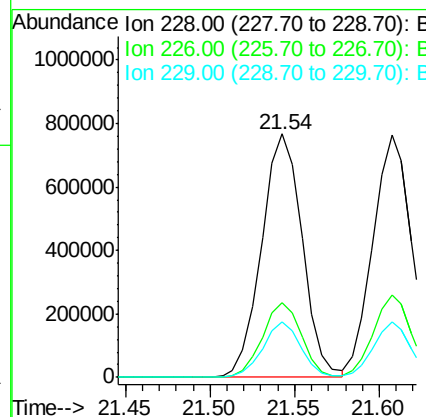
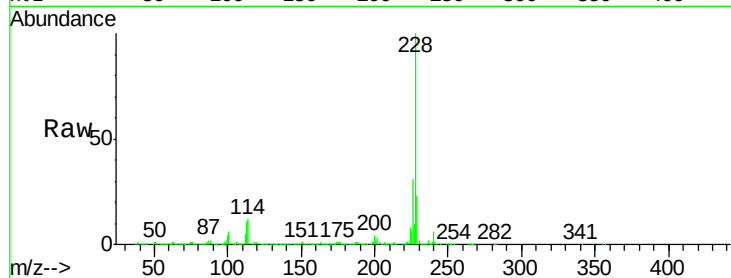
#81
Benzo(a)anthracene
Concen: 48.846 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.2	39.4
229	22.6	18.9	28.3

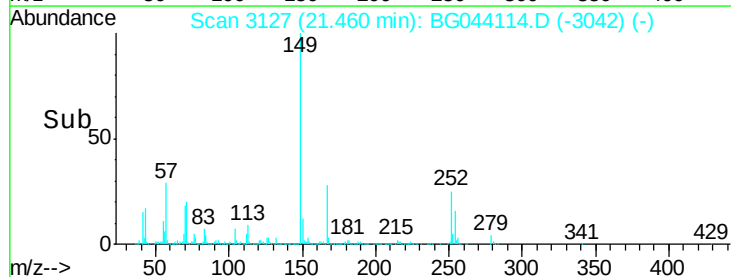
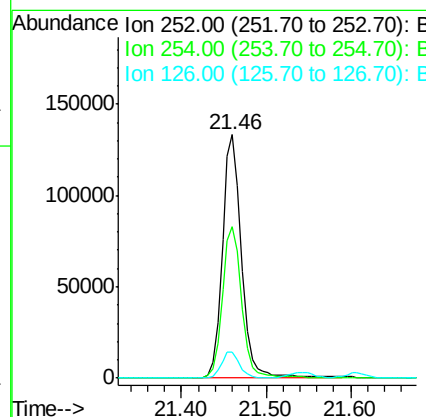
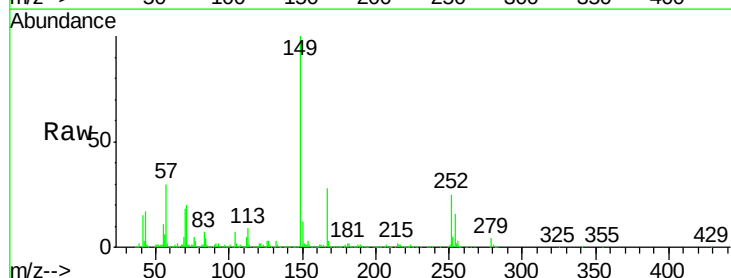
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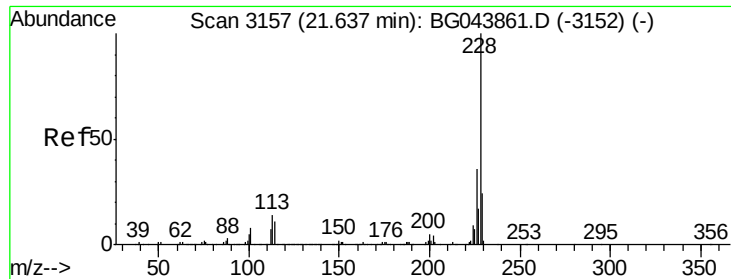
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#82
3,3'-Dichlorobenzidine
Concen: 20.340 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	52.1	78.1
126	10.7	9.1	13.7





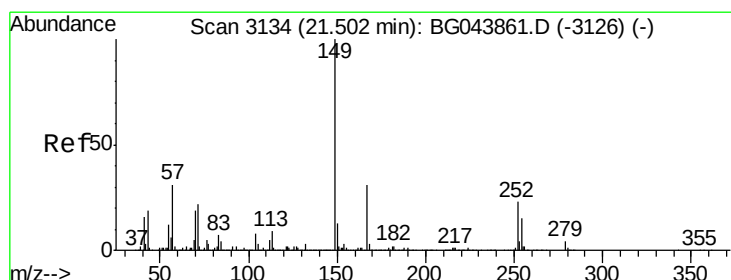
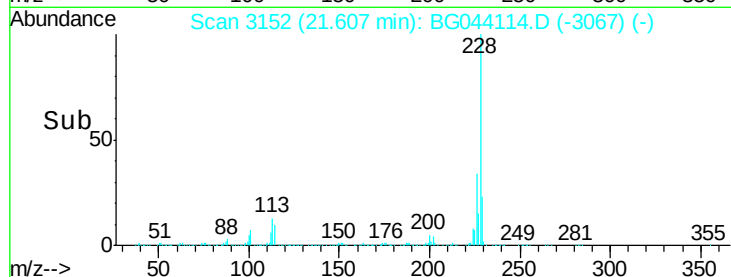
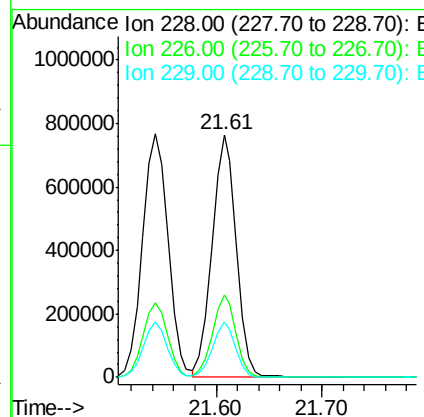
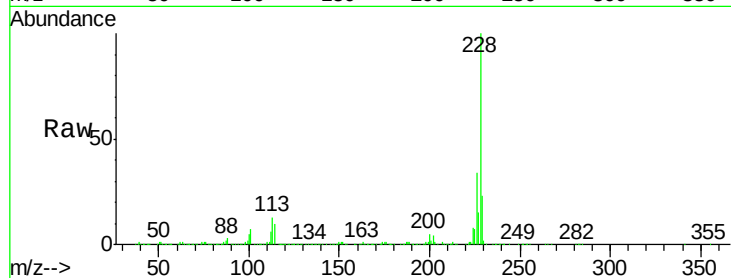
#83
Chrysene
Concen: 48.698 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion:228 Resp: 1218654
Ion Ratio Lower Upper
228 100
226 33.8 28.8 43.2
229 22.7 19.0 28.6

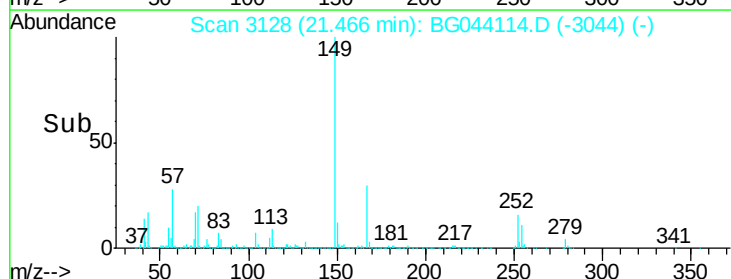
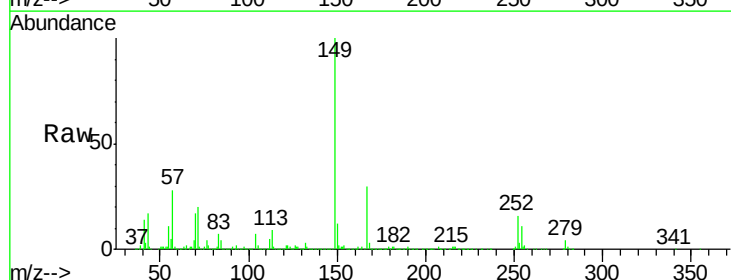
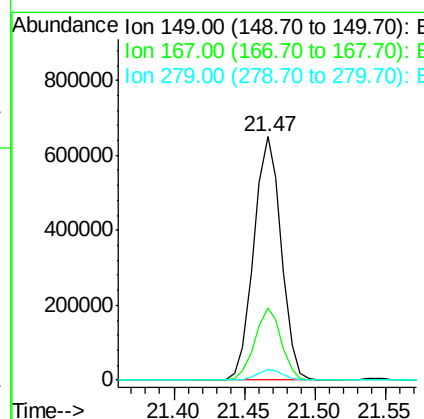
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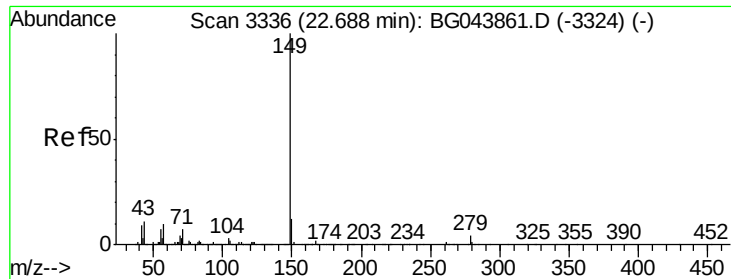
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.739 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:149 Resp: 887658
Ion Ratio Lower Upper
149 100
167 29.6 24.7 37.1
279 4.1 3.3 4.9





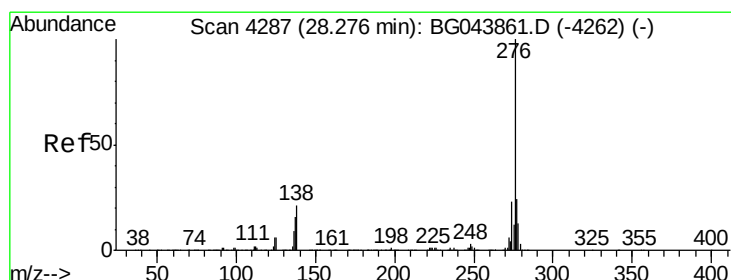
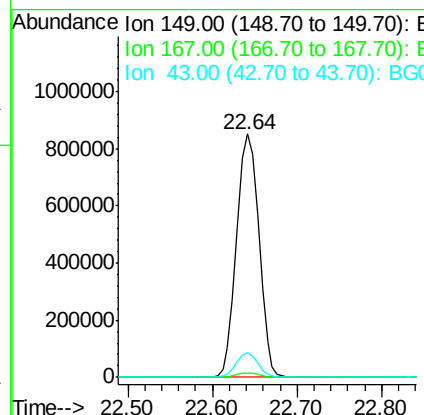
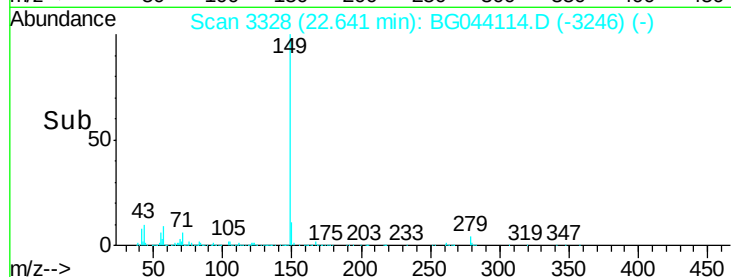
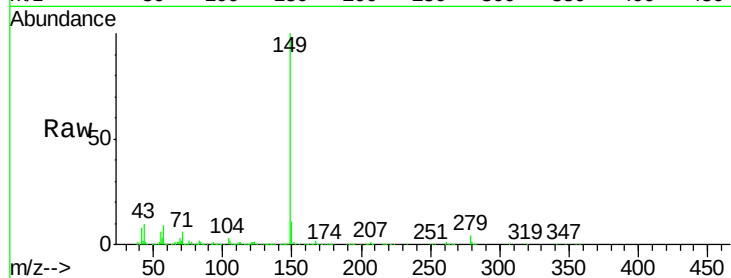
#85
Di-n-octyl phthalate
Concen: 50.603 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion:149 Resp: 1549363
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 8.8 13.2

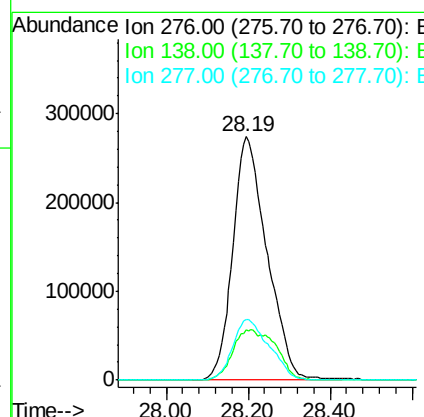
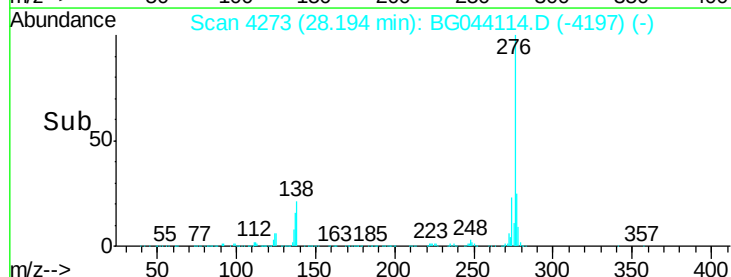
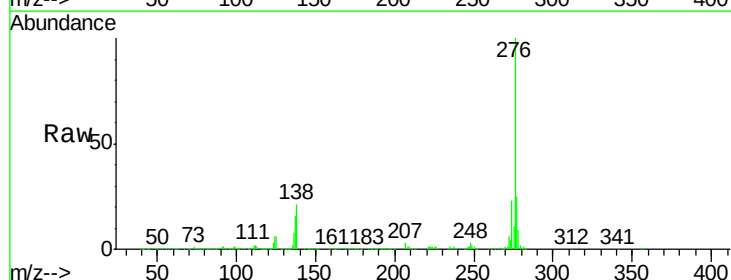
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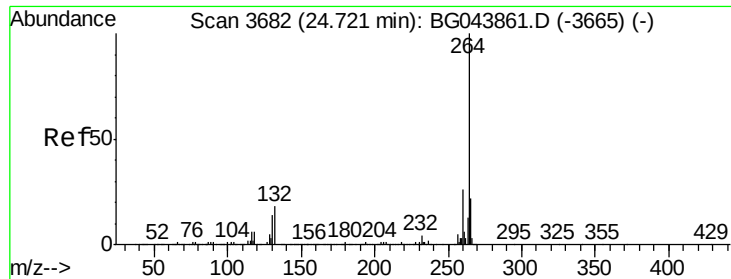
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.755 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.08 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:276 Resp: 1590106
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
277 26.6 21.1 31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.05 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

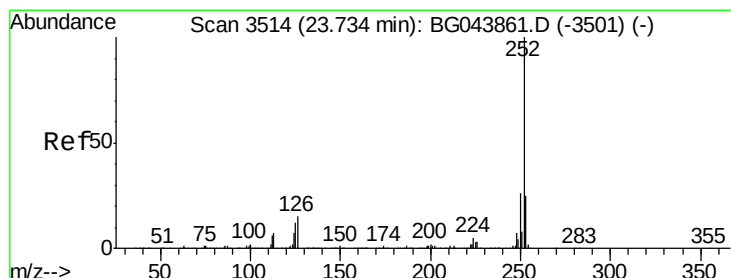
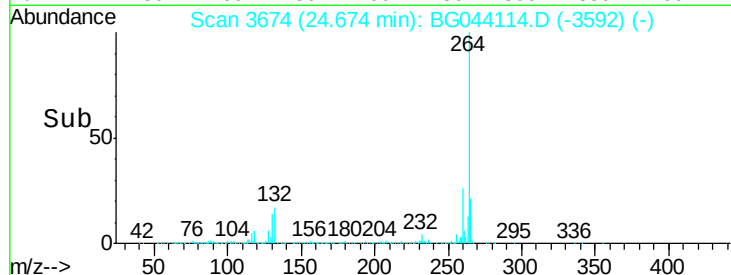
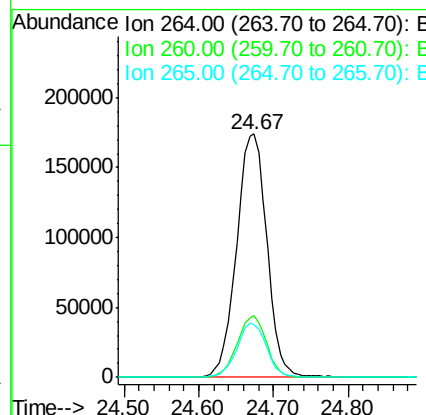
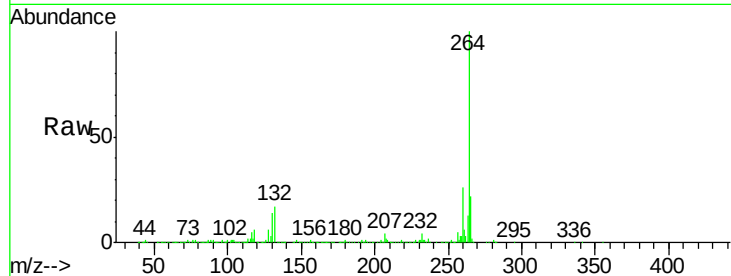
ClientSampled :

EP-3MS

Tot Ion:	264	Resp:	490912
Ion Ratio		Lower	Upper
264	100		
260	25.6	20.4	30.6
265	21.5	17.4	26.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 46.645 ng

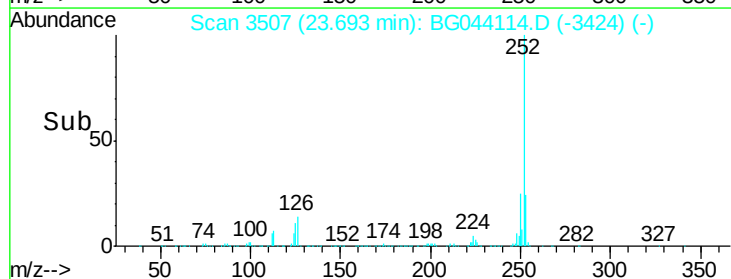
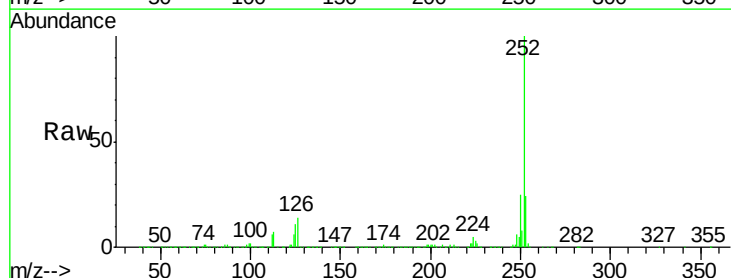
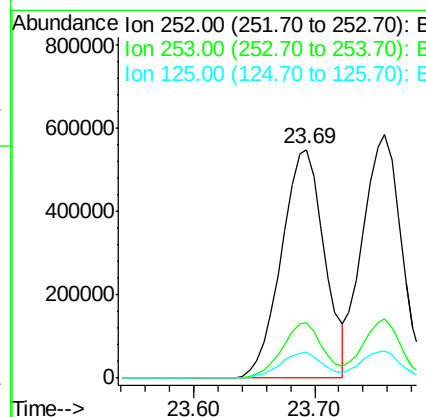
RT: 23.69 min Scan# 3507

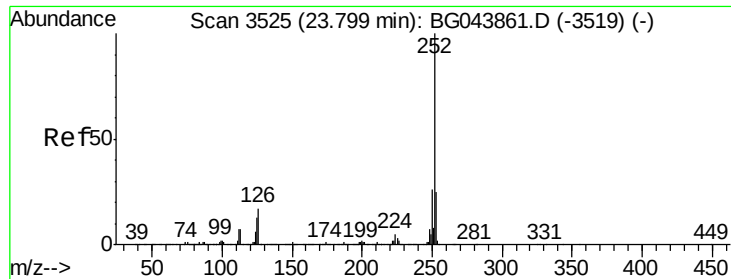
Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	252	Resp:	1353720
Ion Ratio		Lower	Upper
252	100		
253	24.1	19.7	29.5
125	11.2	9.4	14.2





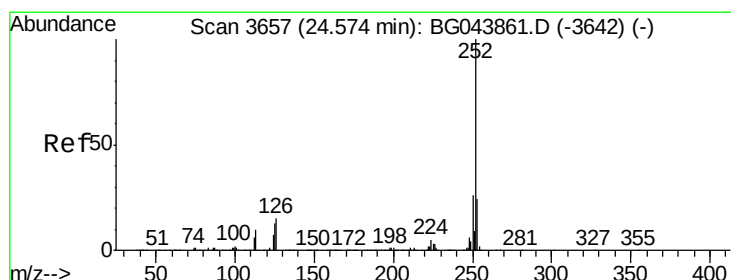
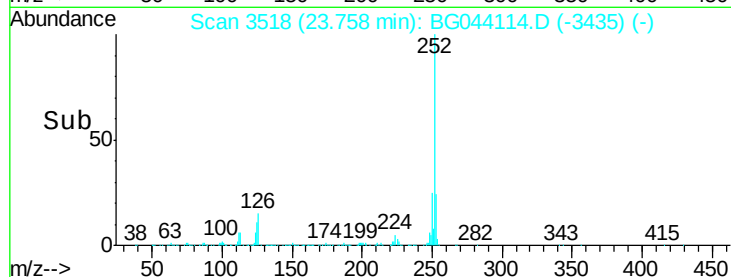
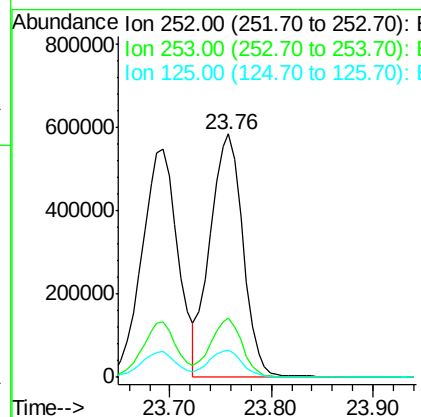
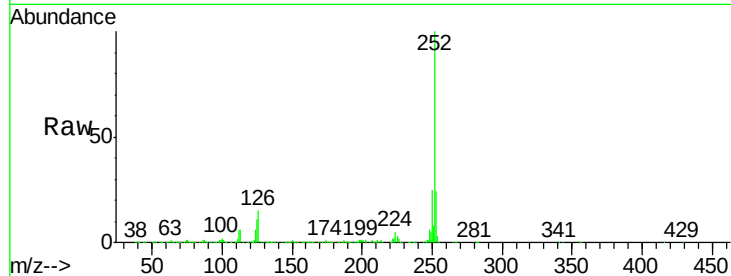
#89
Benzo(k)fluoranthene
Concen: 47.446 ng
RT: 23.76 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.4	29.2
125	11.4	9.9	14.9

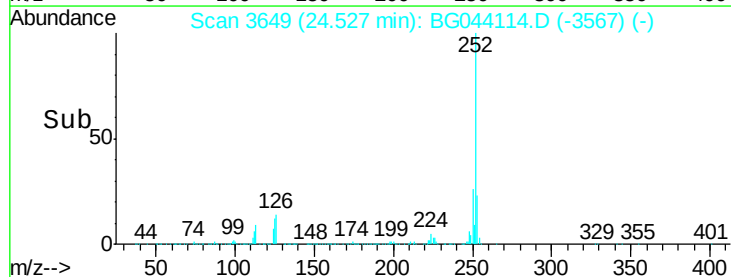
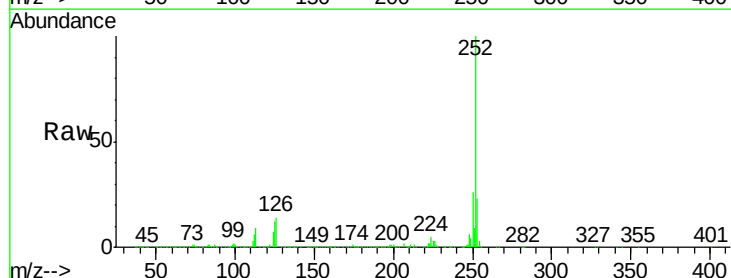
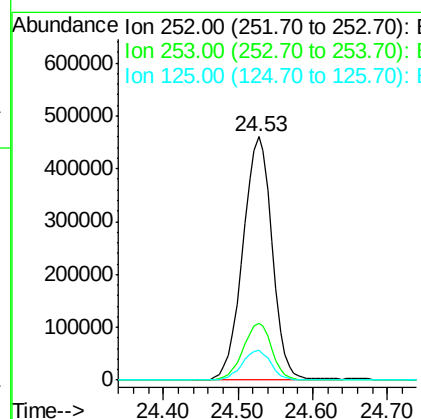
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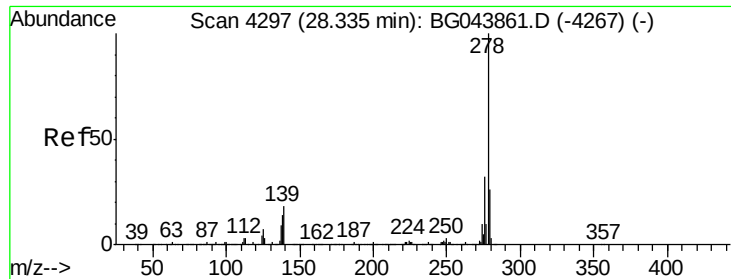
mohammad
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#90
Benzo(a)pyrene
Concen: 45.723 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.05 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	12.3	10.4	15.6





#91

Dibenzo(a,h)anthracene

Concen: 47.701 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

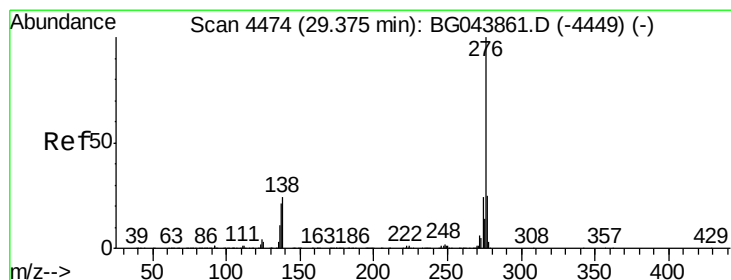
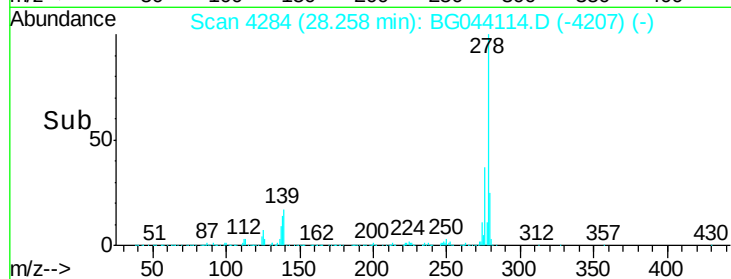
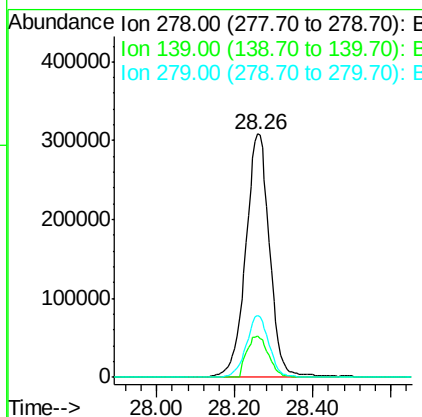
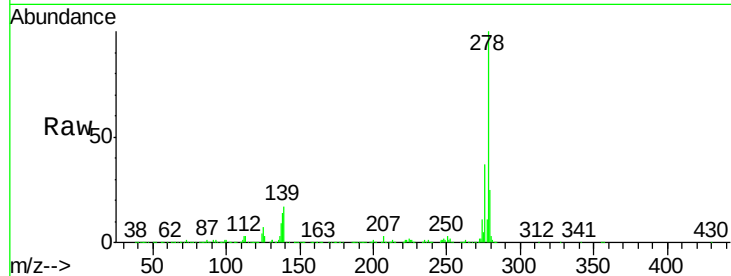
ClientSampled :

EP-3MS

Tot Ion:	278	Resp:	1312190
Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.2	21.4
279	25.2	20.6	30.8

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 48.524 ng

RT: 29.30 min Scan# 4461

Delta R.T. -0.08 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:	276	Resp:	1325908
Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	22.8	19.0	28.6

