

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
 Data File : BG044566.D
 Acq On : 24 Feb 2020 11:16
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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2/25/2020 4:18:49 PM

Quant Time: Feb 24 14:33:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 14:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	56653	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	244858	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	161933	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	361214	20.00	ng	0.00
76) Chrysene-d12	21.50	240	333607	20.00	ng	0.00
87) Perylene-d12	24.58	264	381471	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	77117	24.02	ng	0.00
7) Phenol-d6	7.05	99	105154	24.39	ng	0.00
23) Nitrobenzene-d5	9.03	82	100122	23.08	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	46448	24.43	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	266916	27.60	ng	0.00
79) Terphenyl-d14	19.88	244	439642	27.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.34	88	17463	12.108	ng	97
3) Pyridine	3.73	79	46043	11.982	ng	96
4) n-Nitrosodimethylamine	3.65	42	17130	10.668	ng	# 97
6) Aniline	7.20	93	63703	11.906	ng	98
8) 2-Chlorophenol	7.44	128	42323	11.996	ng	98
9) Benzaldehyde	7.01	77	34350	13.991	ng	97
10) Phenol	7.07	94	51326	12.031	ng	96
11) bis(2-Chloroethyl)ether	7.29	93	44819	12.288	ng	99
12) 1,3-Dichlorobenzene	7.77	146	51881	12.317	ng	99
13) 1,4-Dichlorobenzene	7.91	146	52594	12.607	ng	97
14) 1,2-Dichlorobenzene	8.23	146	49888	12.651	ng	98
15) Benzyl Alcohol	8.11	79	31853	10.437	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	59446	12.042	ng	97
17) 2-Methylphenol	8.32	107	36390	11.955	ng	96
18) Hexachloroethane	8.96	117	18630	11.900	ng	96
19) n-Nitroso-di-n-propylamine	8.68	70	34440	11.988	ng	98
20) 3+4-Methylphenols	8.66	107	48547	11.573	ng	98
22) Acetophenone	8.69	105	67282	11.295	ng	99
24) Nitrobenzene	9.07	77	48544	11.465	ng	99
25) Isophorone	9.60	82	94244	11.658	ng	99
26) 2-Nitrophenol	9.79	139	24491	11.147	ng	97
27) 2,4-Dimethylphenol	9.86	122	35866	11.565	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	62980	11.679	ng	99
29) 2,4-Dichlorophenol	10.34	162	41989	11.197	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	51772	12.040	ng	95
31) Naphthalene	10.72	128	147267	12.396	ng	98
32) Benzoic acid	10.08	122	3287m	1.987	ng	
33) 4-Chloroaniline	10.84	127	59575	11.026	ng	99
34) Hexachlorobutadiene	11.02	225	31708	11.984	ng	97
35) Caprolactam	11.59	113	14873m	10.827	ng	
36) 4-Chloro-3-methylphenol	11.97	107	44774	11.388	ng	99
37) 2-Methylnaphthalene	12.34	142	108281	12.276	ng	98
38) 1-Methylnaphthalene	12.55	142	105307	12.663	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	57710	11.914	ng	98

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Manual Integrations
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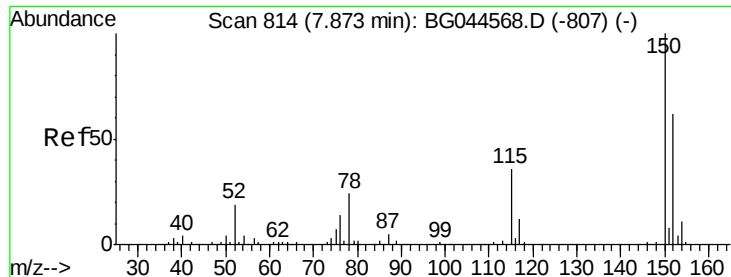
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	12563	5.405	nq	97
43) 2,4,6-Trichlorophenol	12.95	196	34818	11.120	nq	99
44) 2,4,5-Trichlorophenol	13.04	196	34901	10.913	nq	96
46) 1,1'-Biphenyl	13.35	154	148286	12.695	nq	100
47) 2-Chloronaphthalene	13.39	162	117102	12.599	nq	98
48) 2-Nitroaniline	13.59	65	28704	10.464	nq	97
49) Acenaphthylene	14.23	152	175588	12.880	nq	97
50) Dimethylphthalate	13.97	163	147572	12.678	nq	97
51) 2,6-Dinitrotoluene	14.09	165	30300	11.675	nq	98
52) Acenaphthene	14.58	154	108642	12.295	nq	99
53) 3-Nitroaniline	14.42	138	31049	10.813	nq	95
54) 2,4-Dinitrophenol	14.65	184	6394	4.962	nq	94
55) Dibenzofuran	14.92	168	174127	13.015	nq	97
56) 4-Nitrophenol	14.75	139	16251	7.726	nq	98
57) 2,4-Dinitrotoluene	14.88	165	42259	11.617	nq	100
58) Fluorene	15.56	166	137062	13.007	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.15	232	33737	11.679	nq	99
60) Diethylphthalate	15.33	149	146991	12.673	nq	97
61) 4-Chlorophenyl-phenylether	15.56	204	74106	12.970	nq	98
62) 4-Nitroaniline	15.58	138	29430	10.257	nq	97
63) Azobenzene	15.85	77	123647	12.164	nq	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	17881	8.968	nq	94
66) n-Nitrosodiphenylamine	15.77	169	124443	12.293	nq	100
67) 4-Bromophenyl-phenylether	16.45	248	46628	11.848	nq	96
68) Hexachlorobenzene	16.57	284	54124	12.276	nq	98
69) Atrazine	16.72	200	45816	13.205	nq	99
70) Pentachlorophenol	16.93	266	12457	6.097	nq	88
71) Phenanthrene	17.30	178	228260	13.050	nq	98
72) Anthracene	17.40	178	224688	12.993	nq	98
73) Carbazole	17.67	167	196890	12.350	nq	97
74) Di-n-butylphthalate	18.23	149	253065	12.846	nq	99
75) Fluoranthene	19.32	202	272225	13.454	nq	96
77) Benzidine	19.50	184	108984	11.778	nq	99
78) Pyrene	19.67	202	281102	13.121	nq	97
80) Butylbenzylphthalate	20.57	149	112566	11.530	nq	100
81) Benzo(a)anthracene	21.48	228	262661	12.775	nq	96
82) 3,3'-Dichlorobenzidine	21.41	252	97538	12.223	nq	97
83) Chrysene	21.55	228	259006	13.033	nq	96
84) Bis(2-ethylhexyl)phthalate	21.41	149	164638	12.251	nq	98
85) Di-n-octyl phthalate	22.56	149	278053	11.959	nq	99
86) Indeno(1,2,3-cd)pyrene	28.04	276	295820	11.409	nq	# 91
88) Benzo(b)fluoranthene	23.60	252	269069	12.241	nq	97
89) Benzo(k)fluoranthene	23.66	252	266908	12.458	nq	98
90) Benzo(a)pyrene	24.43	252	249158	11.988	nq	97
91) Dibenzo(a,h)anthracene	28.09	278	236980	11.521	nq	99
92) Benzo(g,h,i)perylene	29.12	276	239967	11.654	nq	98

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

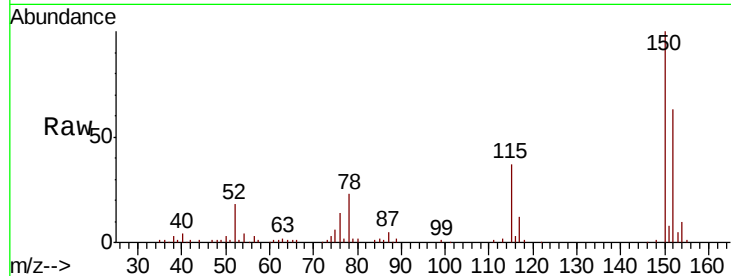
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.9	193.3
115	59.7	47.0	70.4

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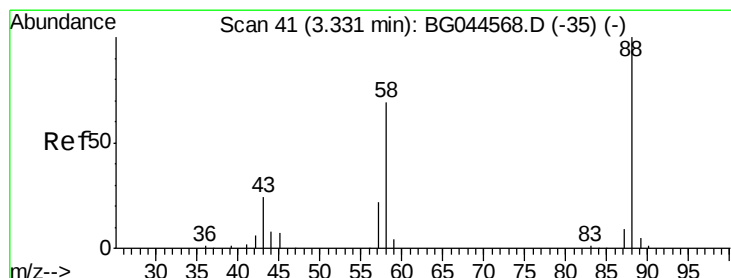
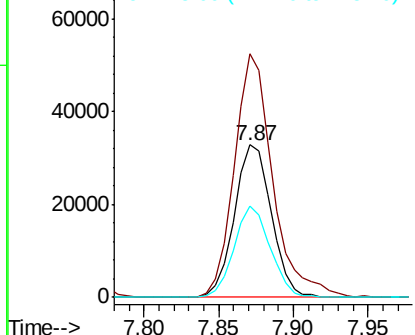
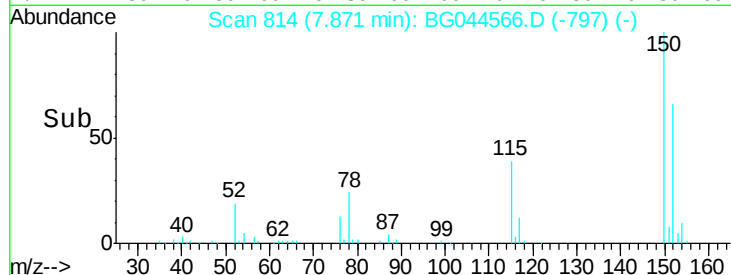


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

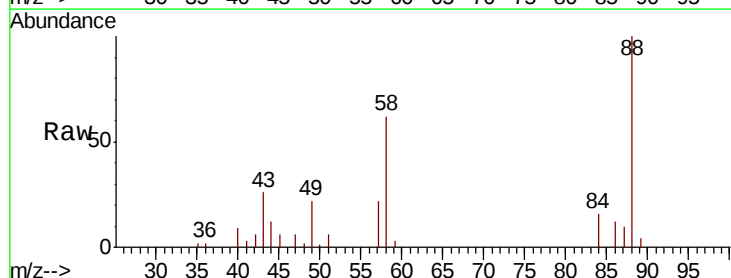
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.108 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	55.8	83.8
43	27.8	20.6	31.0

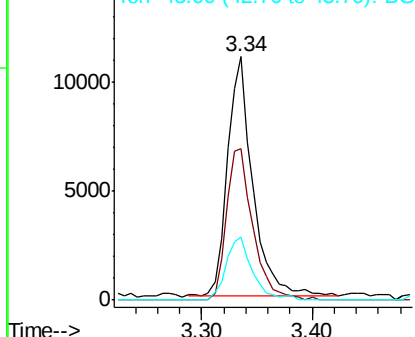
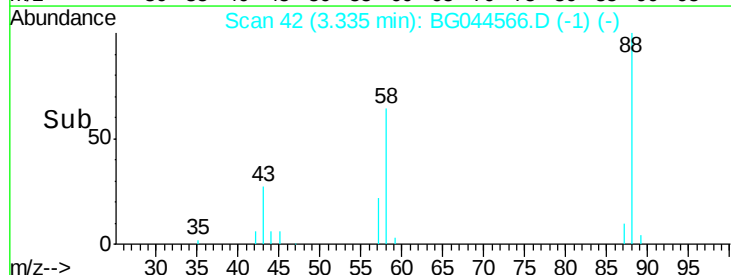


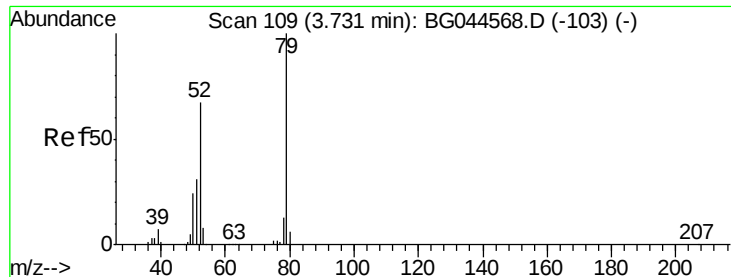
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 11.982 ng

RT: 3.73 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

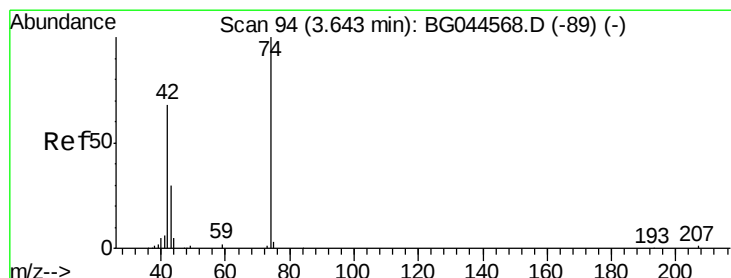
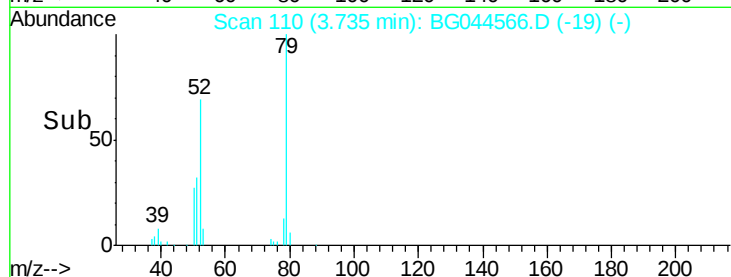
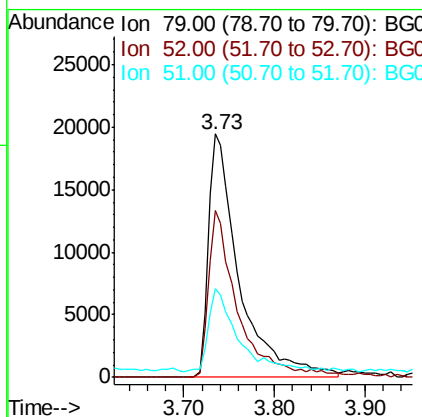
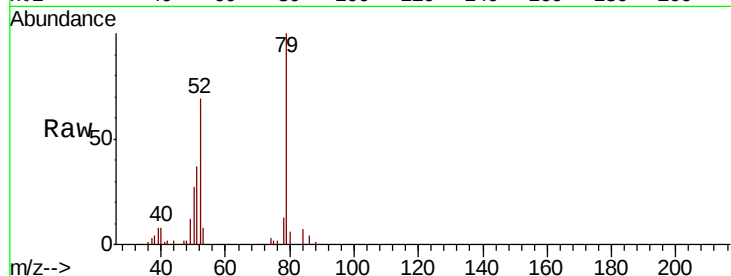
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Tot Ion:	79	Resp:	46043
Ion	Ratio	Lower	Upper
79	100		
52	68.5	53.7	80.5
51	36.6	25.4	38.0

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#4

n-Nitrosodimethylamine

Concen: 10.668 ng

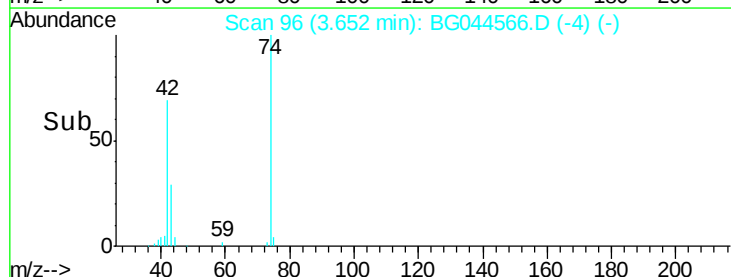
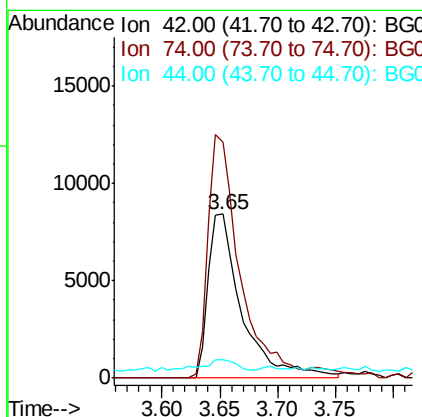
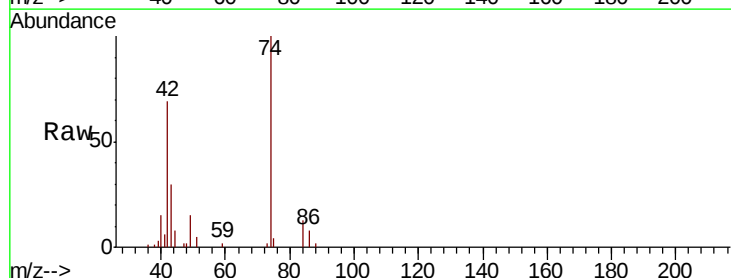
RT: 3.65 min Scan# 96

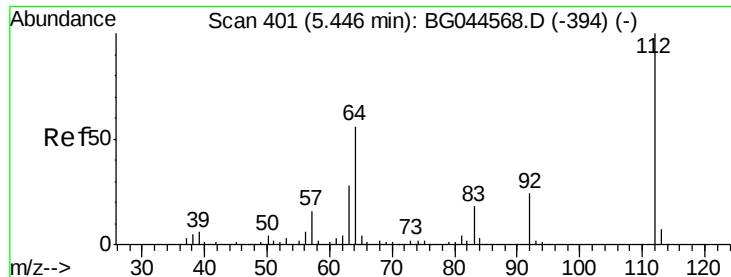
Delta R.T. 0.01 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	42	Resp:	17130
Ion	Ratio	Lower	Upper
42	100		
74	143.9	117.6	176.4
44	11.6	6.3	9.5#





#5

2-Fluorophenol

Concen: 24.023 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

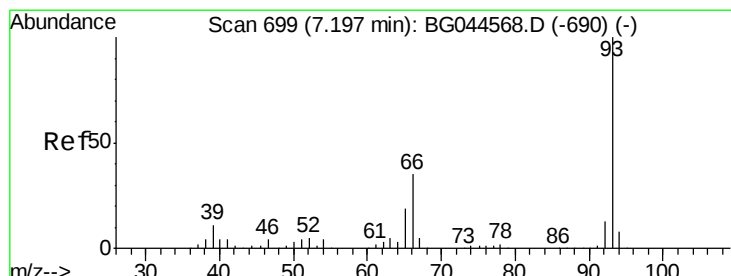
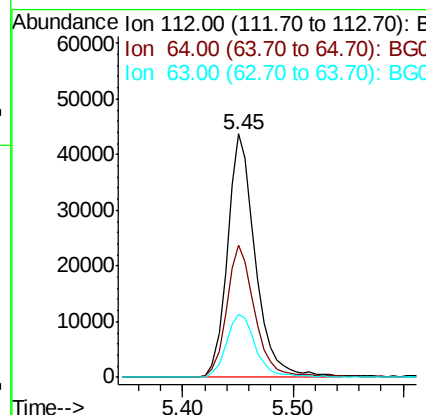
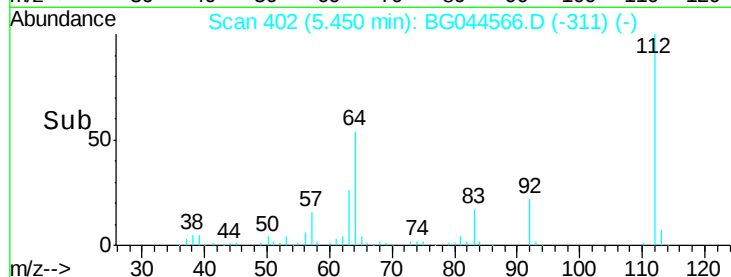
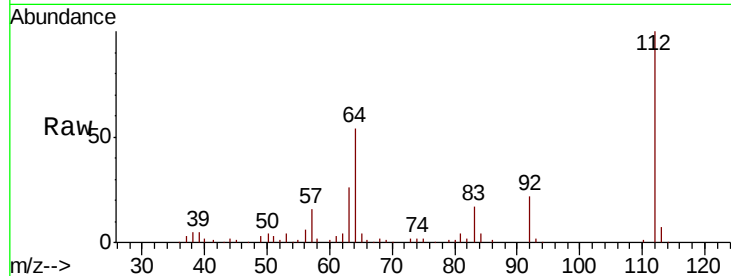
SSTDICC010

Tot Ion:	112	Resp:	77117
Ion Ratio	Lower	Upper	
112	100		
64	54.3	44.8	67.2
63	26.2	22.3	33.5

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#6

Aniline

Concen: 11.906 ng

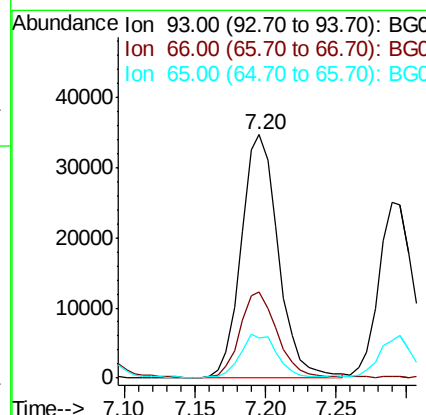
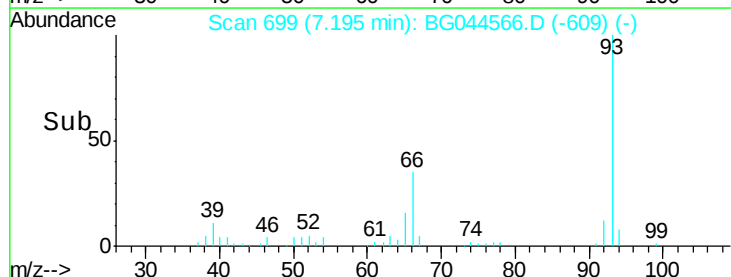
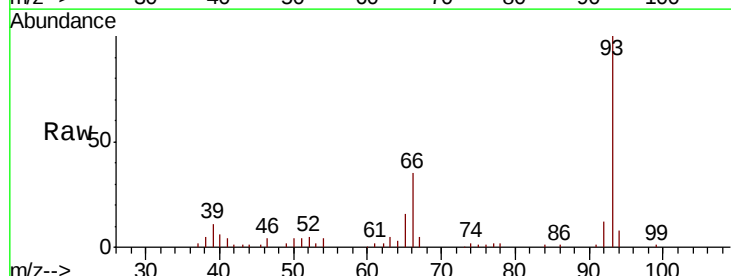
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	93	Resp:	63703
Ion Ratio	Lower	Upper	
93	100		
66	35.4	27.8	41.8
65	16.3	14.9	22.3





#7

Phenol-d6

Concen: 24.394 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

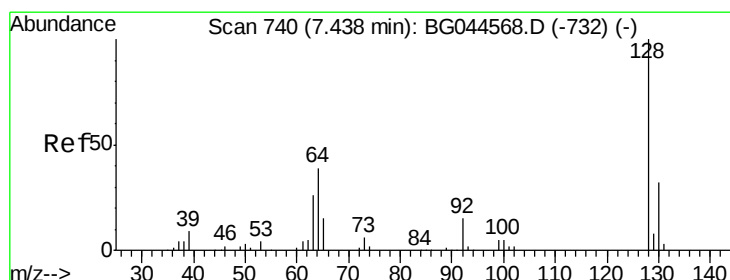
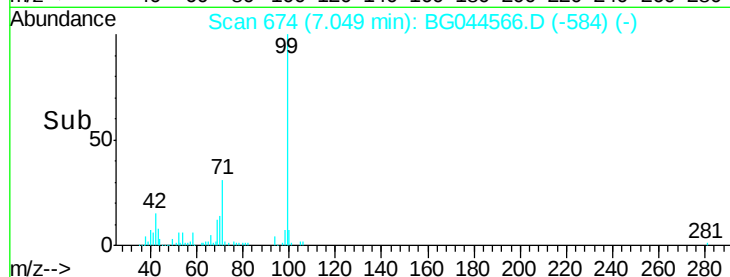
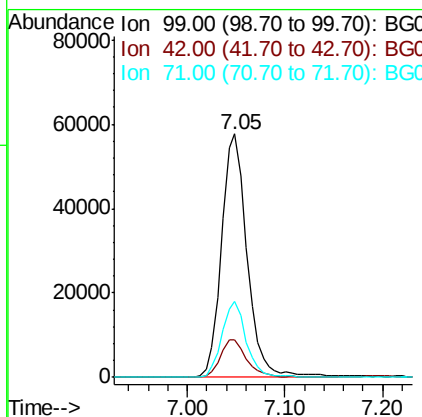
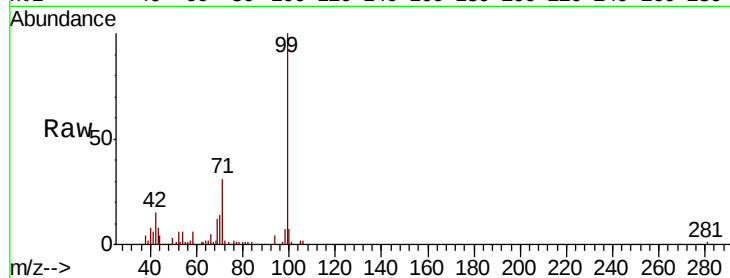
SSTDICC010

Tot Ion:	99	Resp:	105154
Ion Ratio	Lower	Upper	
99	100		
42	15.5	12.8	19.2
71	30.9	24.4	36.6

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#8

2-Chlorophenol

Concen: 11.996 ng

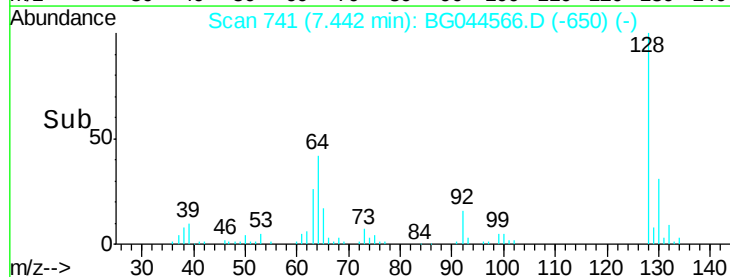
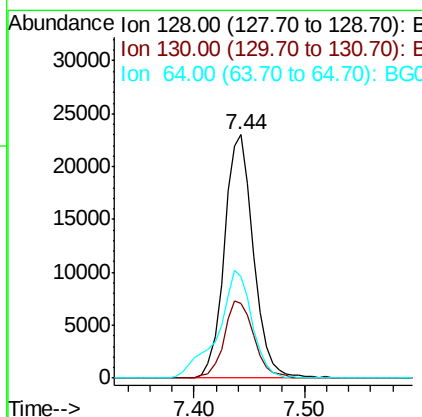
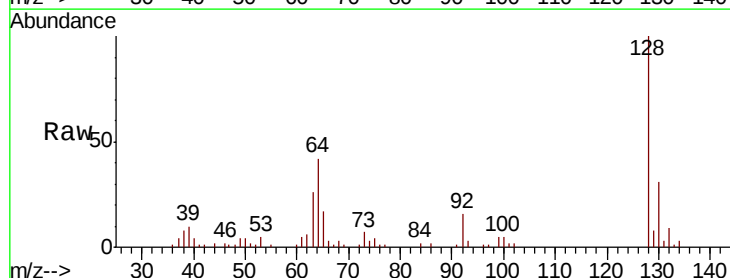
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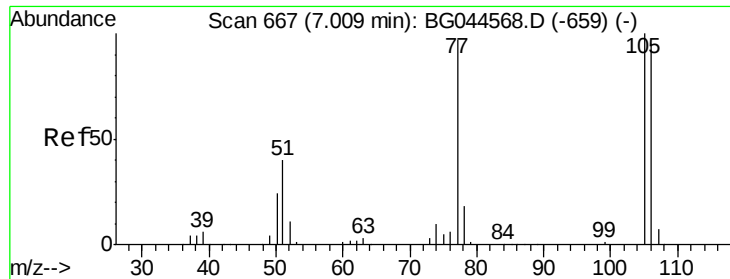
Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	128	Resp:	42323
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.3	52.3
64	41.8	22.5	62.5





#9
Benzaldehyde
Concen: 13.991 ng
RT: 7.01 min Scan# 667
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

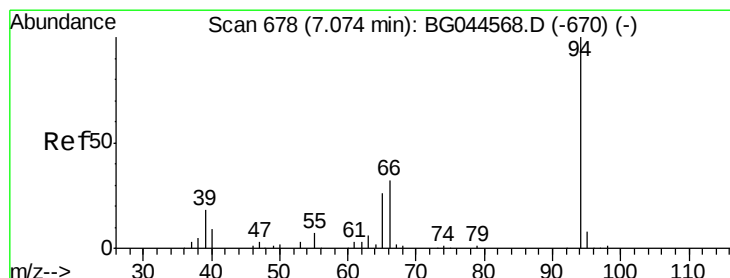
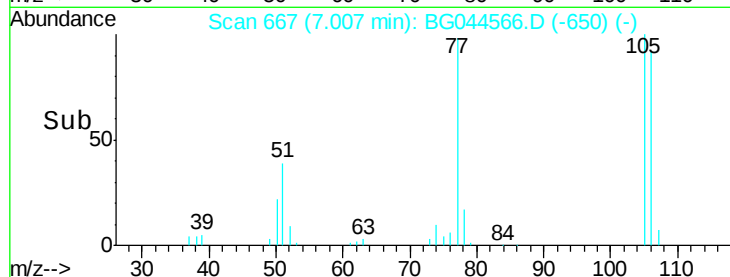
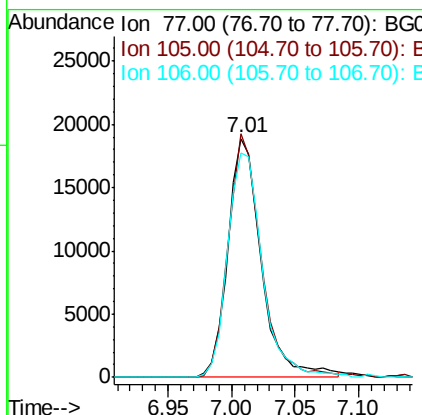
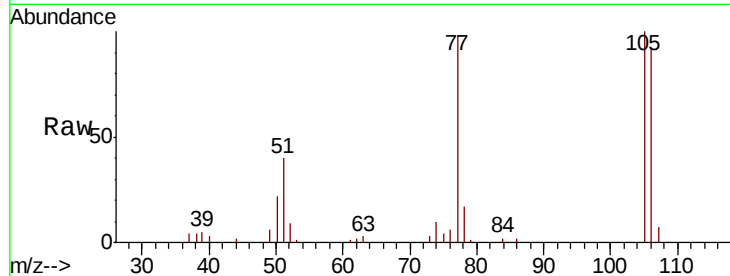
Instrument :
BNA_G
ClientSampleID :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	83.6	123.6
106	94.2	78.2	118.2

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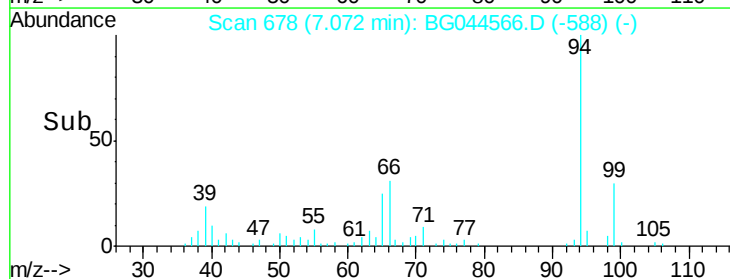
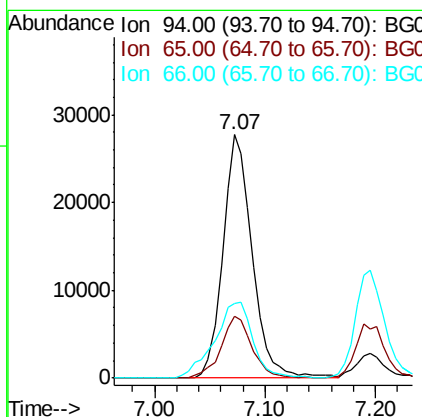
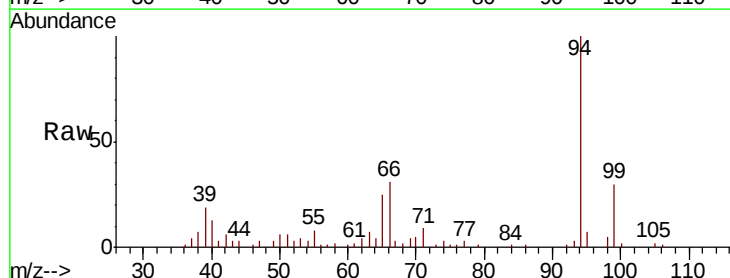
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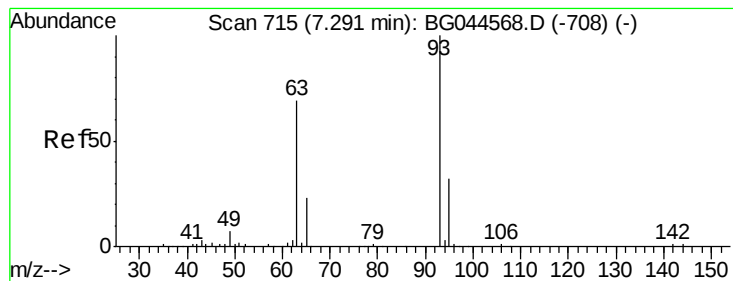
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#10
Phenol
Concen: 12.031 ng
RT: 7.07 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.2	6.4	46.4
66	30.7	13.9	53.9





#11
bis(2-Chloroethyl)ether
Concen: 12.288 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

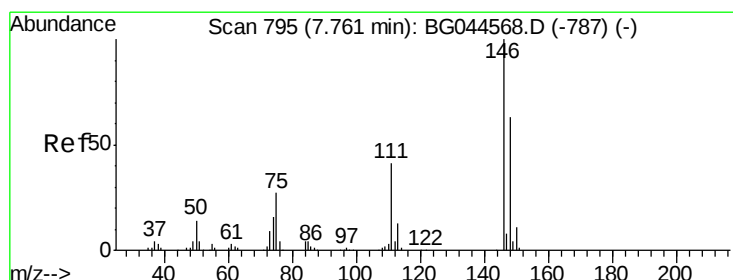
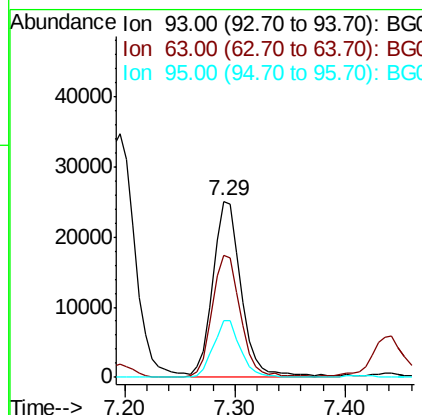
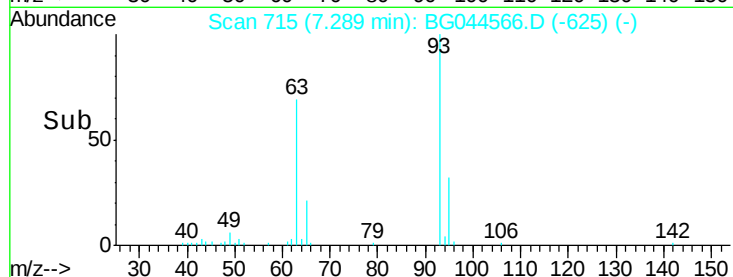
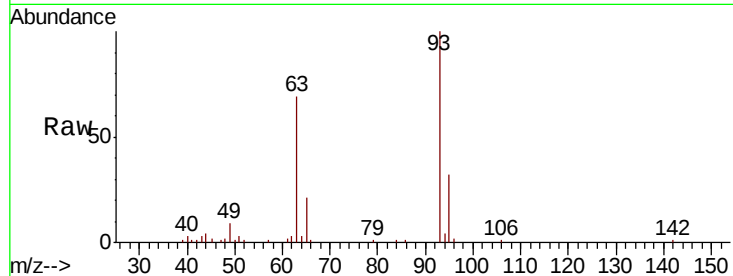
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion:	93	Resp:	44819
Ion	Ratio	Lower	Upper
93	100		
63	69.2	48.9	88.9
95	32.5	11.3	51.3

Manual Integrations
APPROVED

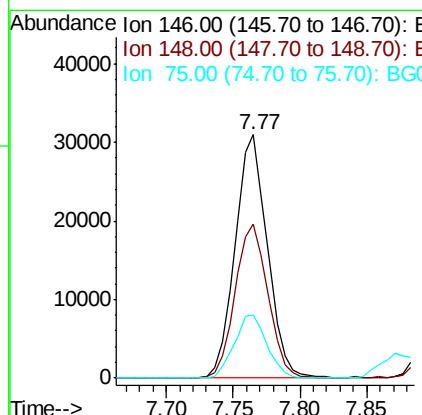
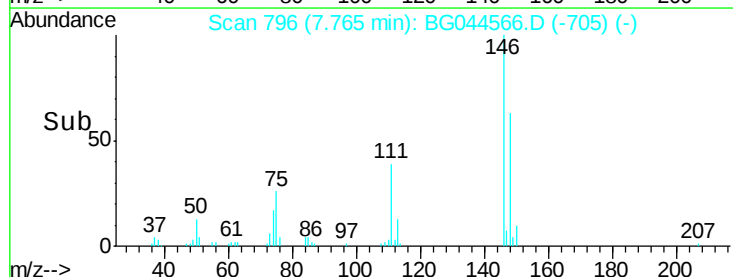
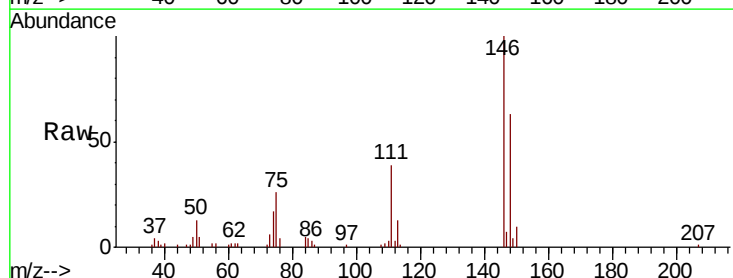
mohammad

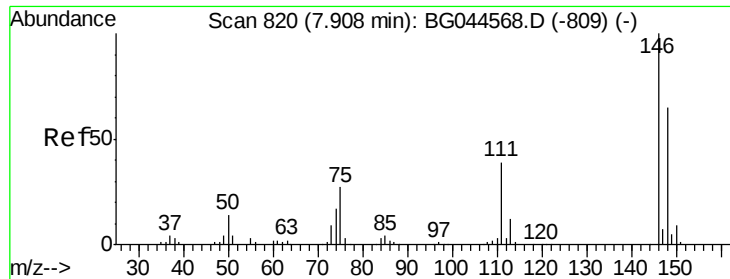
2/25/2020 4:18:49 PM



#12
1,3-Dichlorobenzene
Concen: 12.317 ng
RT: 7.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion:	146	Resp:	51881
Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
75	25.7	21.4	32.0





#13
 1,4-Dichlorobenzene
 Concen: 12.607 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

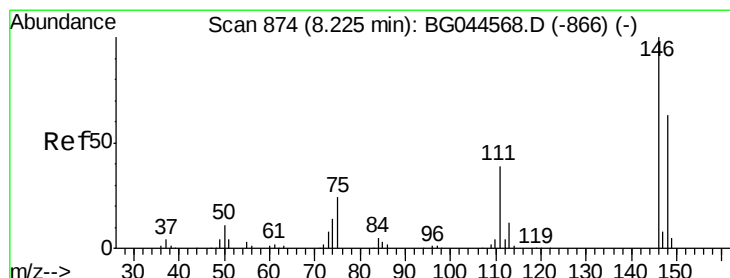
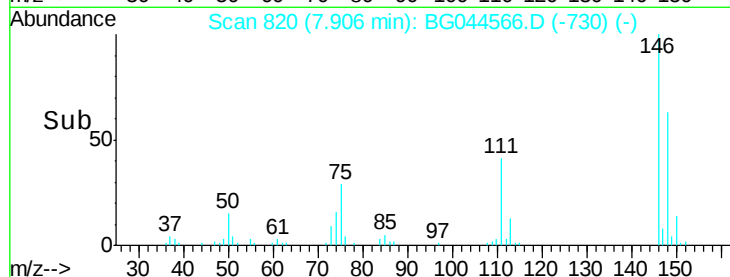
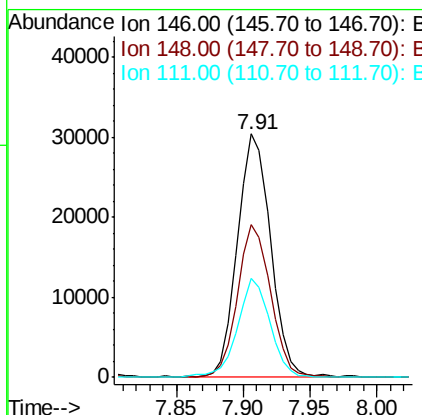
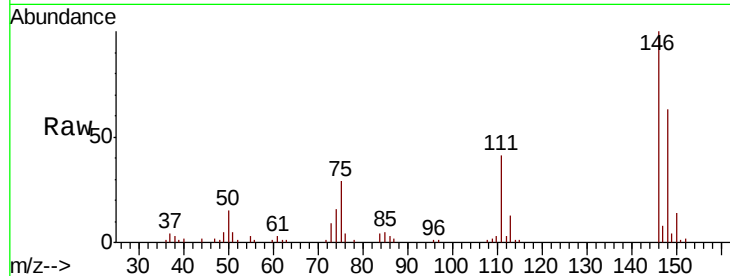
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
111	40.9	30.8	46.2

Manual Integrations
 APPROVED

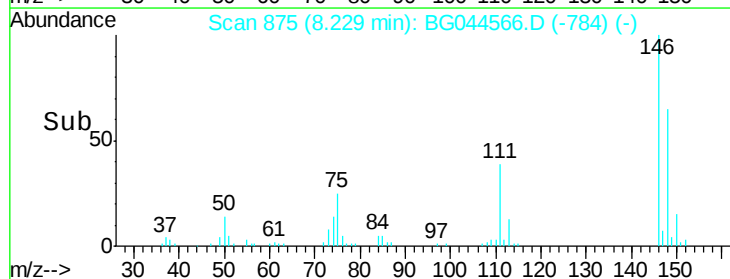
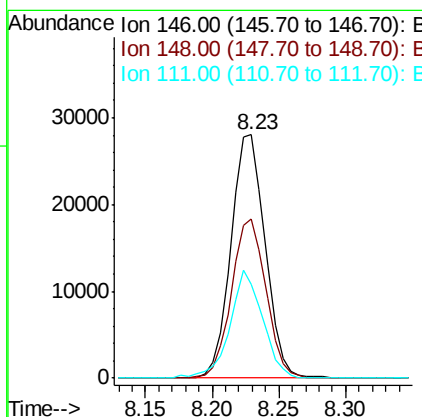
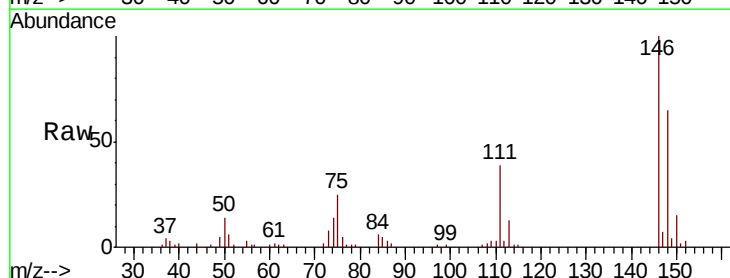
mohammad

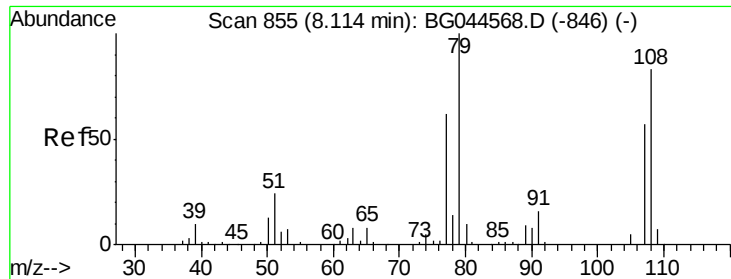
2/25/2020 4:18:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 12.651 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.7	76.1
111	38.6	31.8	47.6





#15
Benzyl Alcohol
Concen: 10.437 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

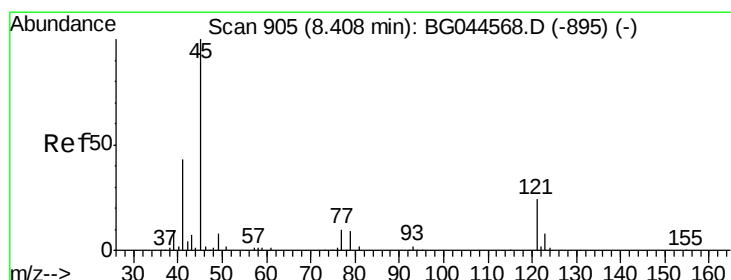
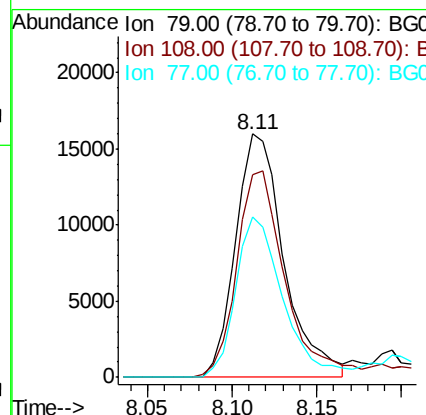
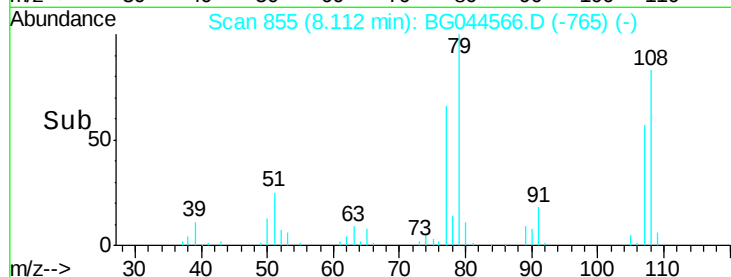
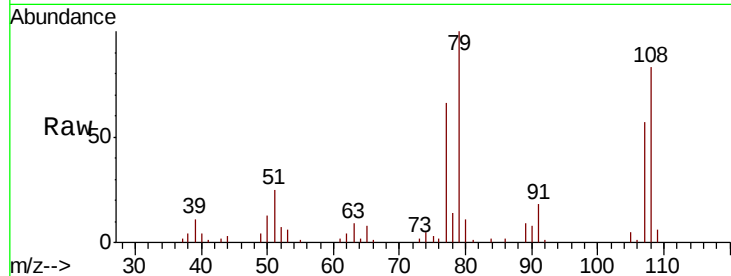
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.3	66.0	99.0
77	65.7	49.6	74.4

Manual Integrations
APPROVED

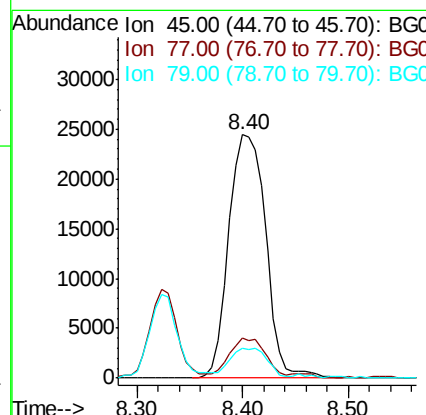
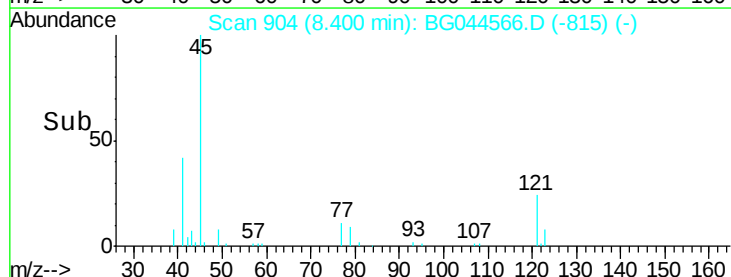
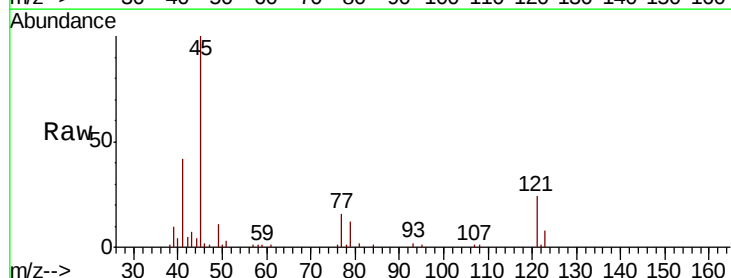
mohammad

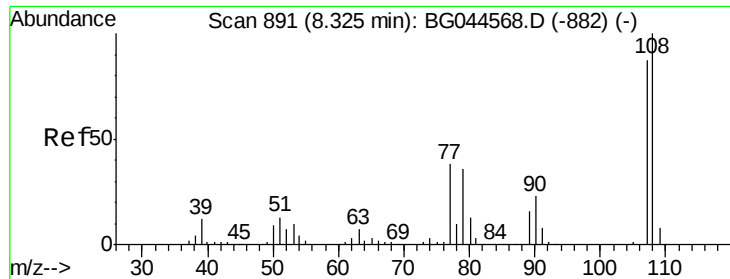
2/25/2020 4:18:49 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.042 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	34.4
79	12.1	0.0	32.3





#17
2-Methylphenol
Concen: 11.955 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

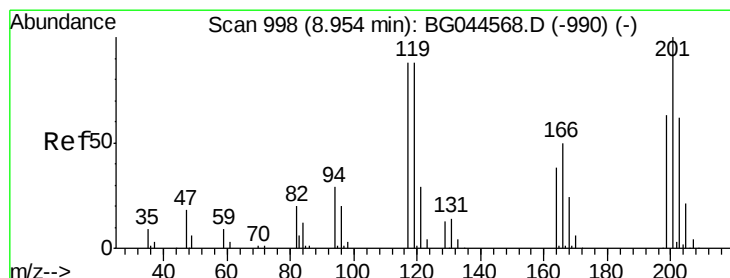
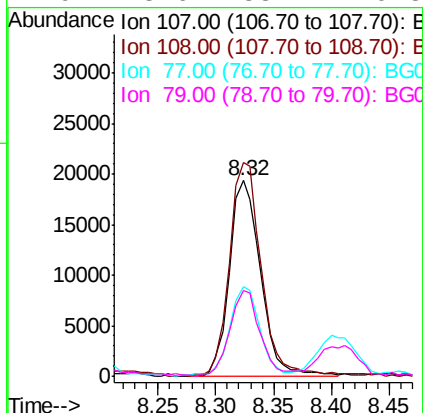
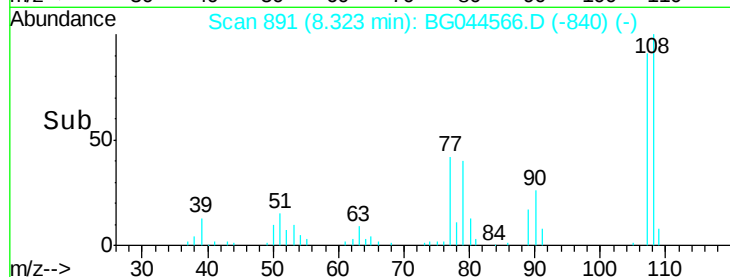
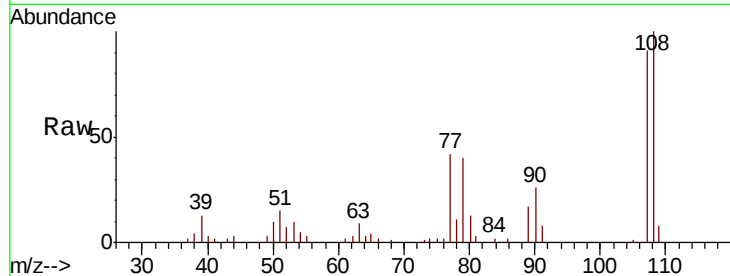
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.4	91.7	137.5
77	45.9	35.1	52.7
79	43.6	33.2	49.8

Manual Integrations
APPROVED

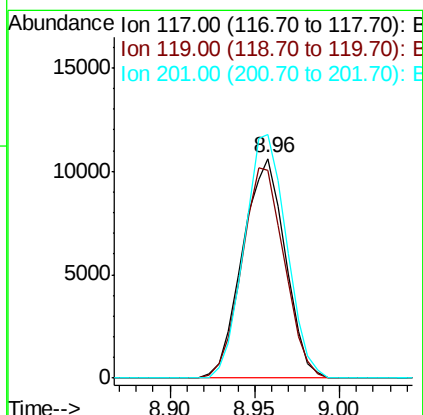
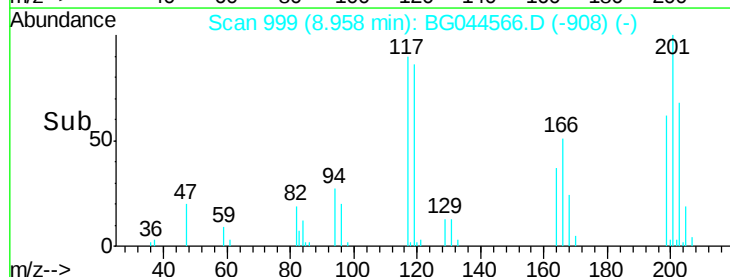
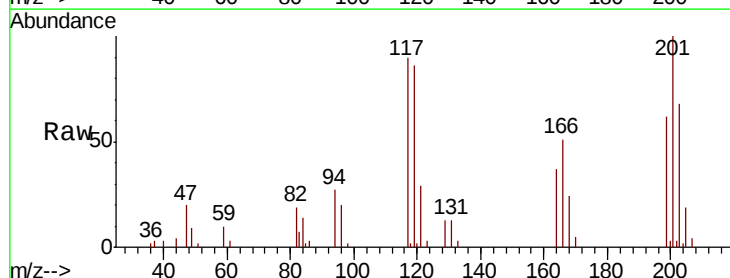
mohammad

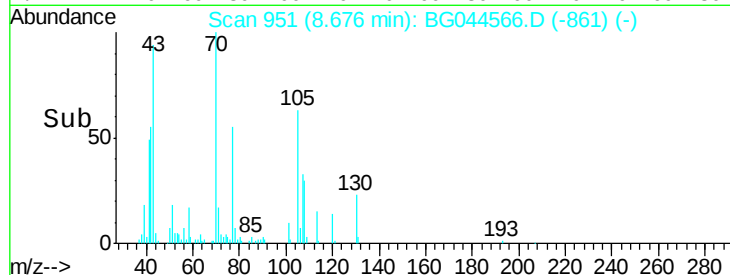
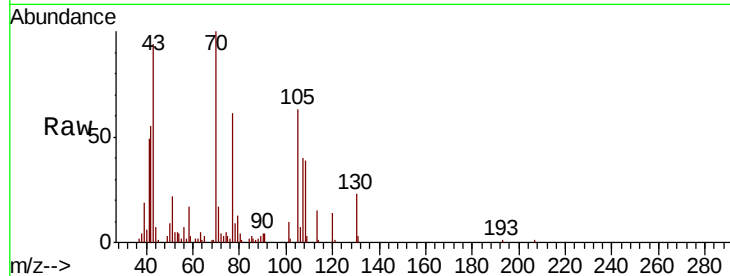
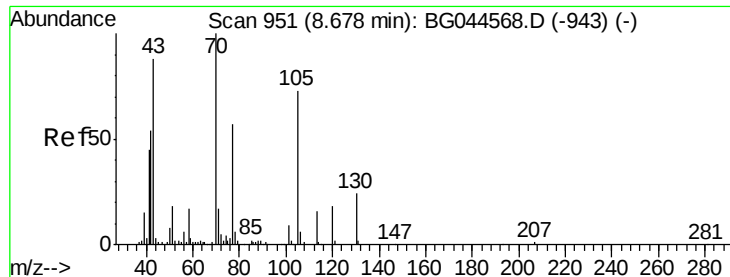
2/25/2020 4:18:49 PM



#18
Hexachloroethane
Concen: 11.900 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	80.0	120.0
201	110.9	90.5	135.7





#19
n-Nitroso-di-n-propylamine
Concen: 11.988 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

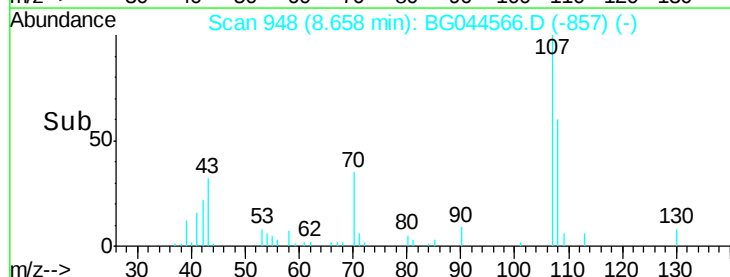
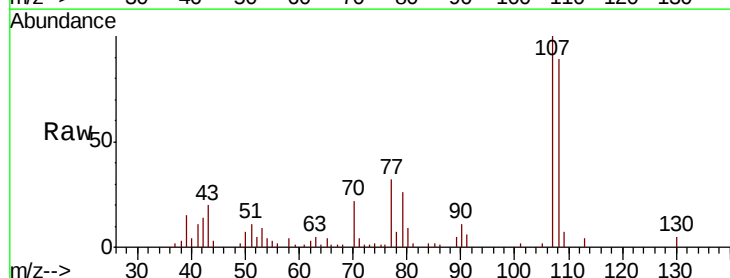
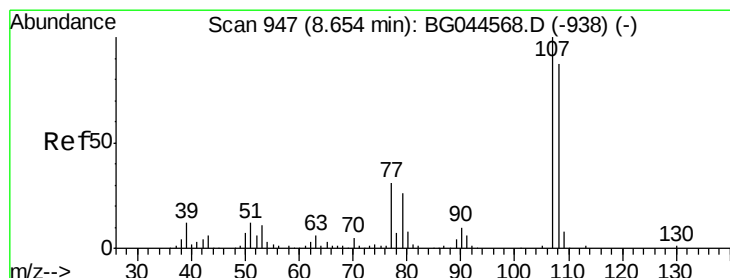
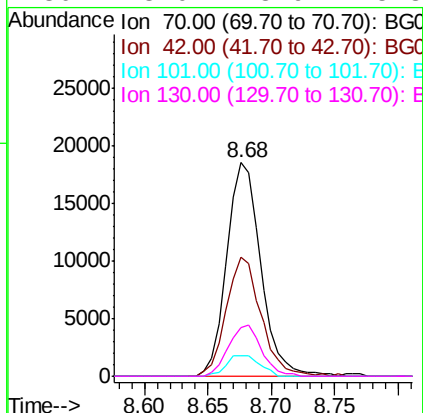
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.5	43.4	65.0	
101	9.6	7.5	11.3	
130	23.0	18.9	28.3	

Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Manual Integrations
APPROVED

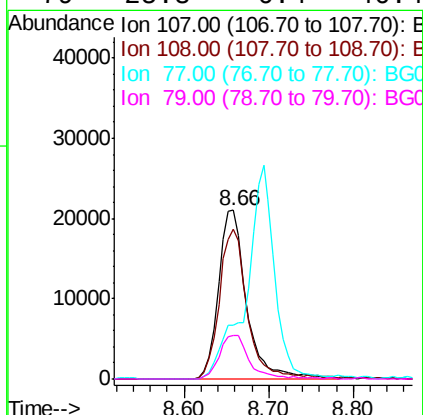
mohammad

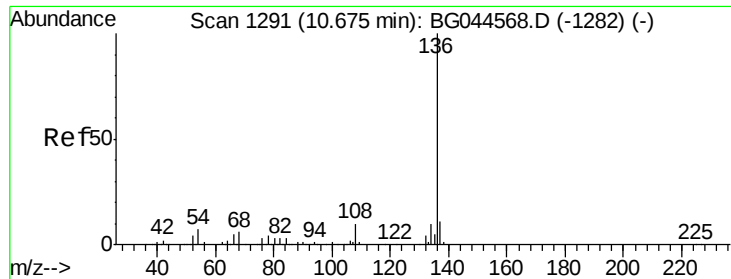
2/25/2020 4:18:49 PM



#20
3+4-Methylphenols
Concen: 11.573 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	67.5	107.5	
77	32.2	11.3	51.3	
79	25.8	6.4	46.4	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

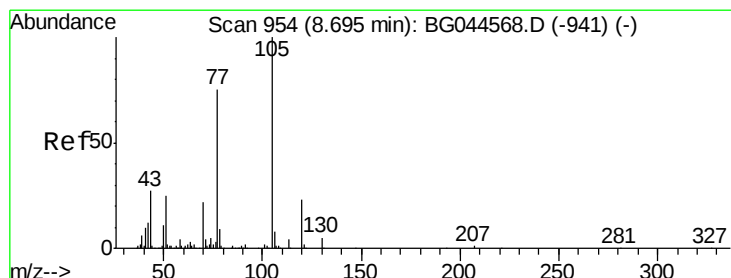
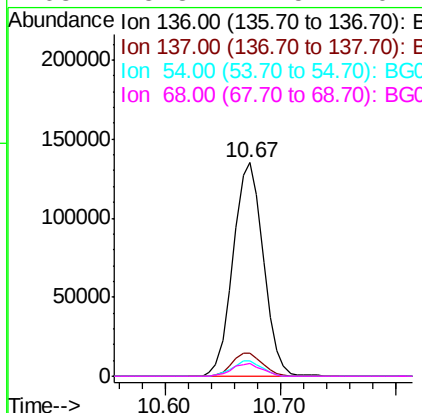
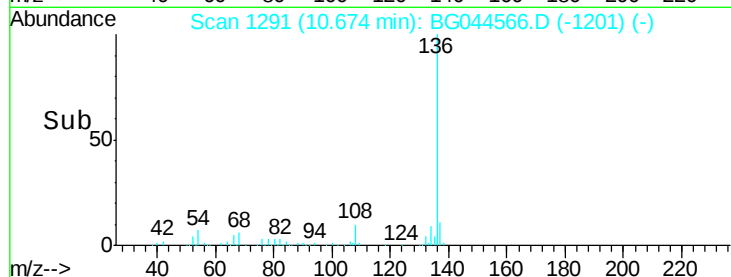
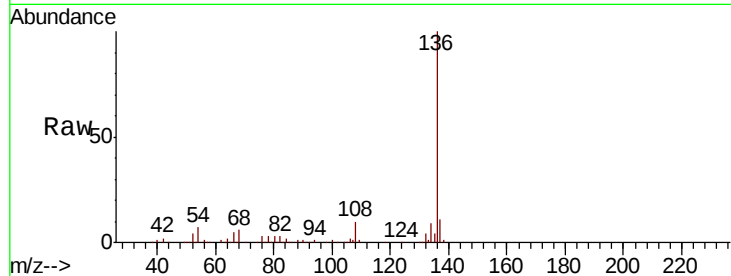
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244858		
137	11.0		8.8	13.2
54	7.4		5.7	8.5
68	5.8		4.5	6.7

Manual Integrations
APPROVED

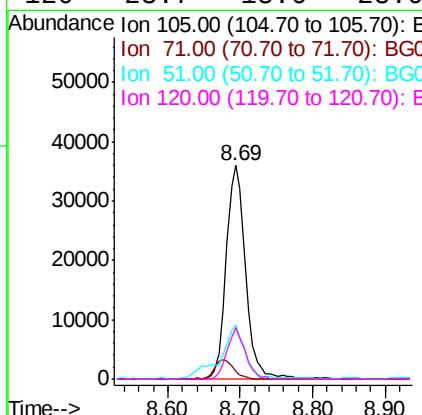
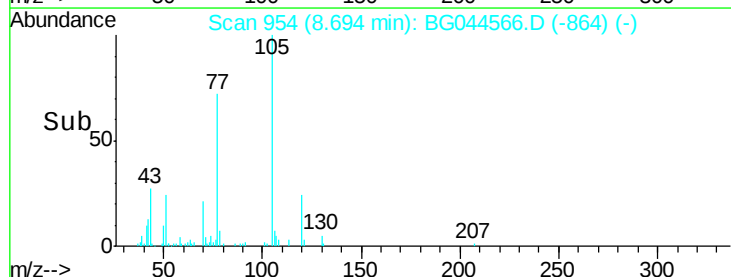
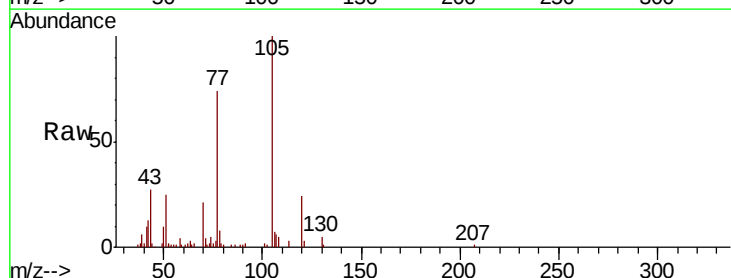
mohammad

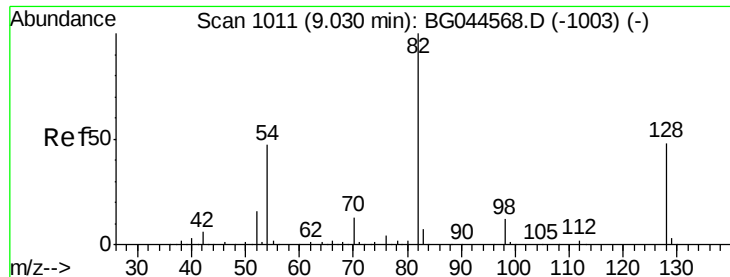
2/25/2020 4:18:49 PM



#22
Acetophenone
Concen: 11.295 ng
RT: 8.69 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	67282		
71	3.6		2.8	4.2
51	25.4		19.9	29.9
120	23.7		18.6	28.0





#23
Nitrobenzene-d5
Concen: 23.085 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

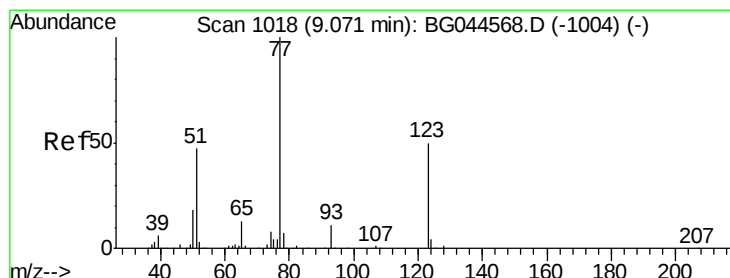
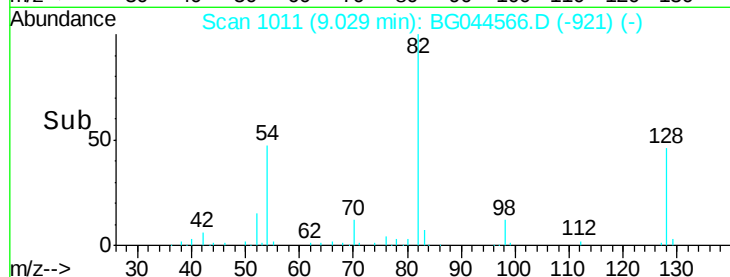
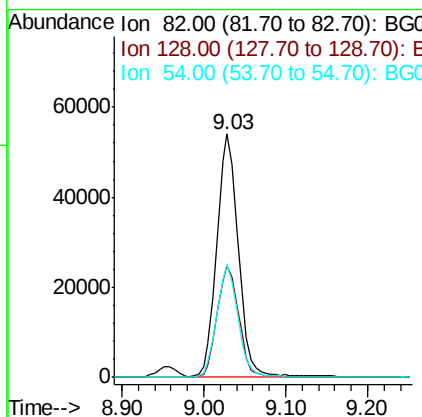
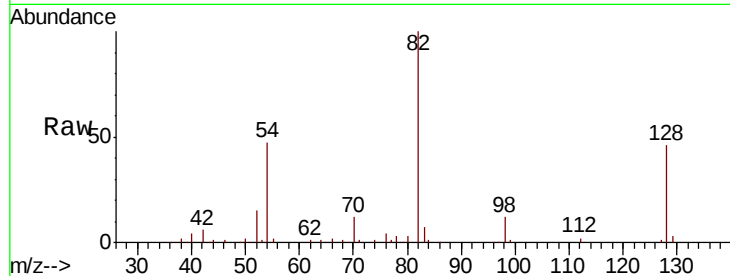
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	38.1	57.1	
54	46.5	37.5	56.3	

Manual Integrations
APPROVED

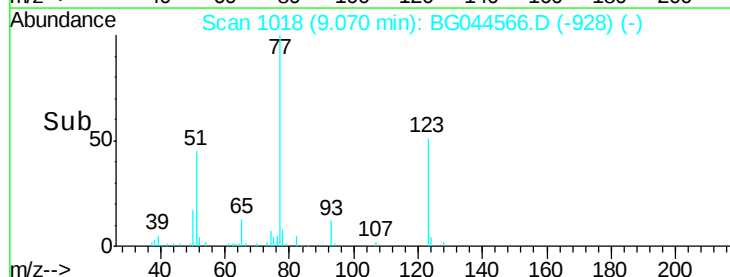
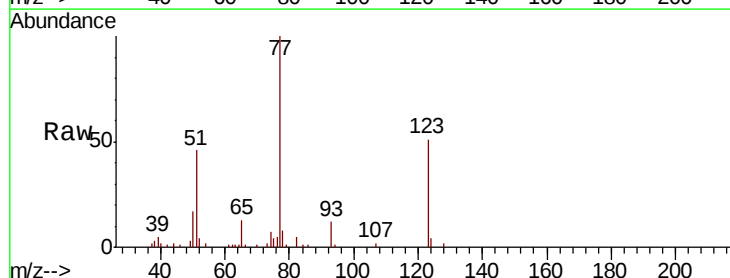
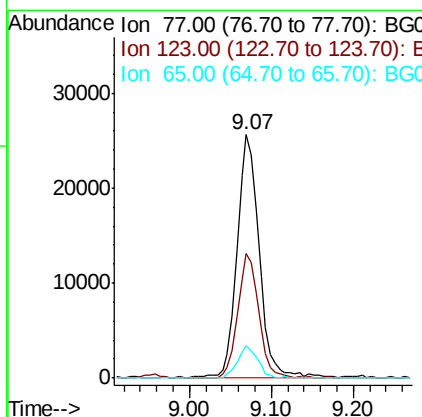
mohammad

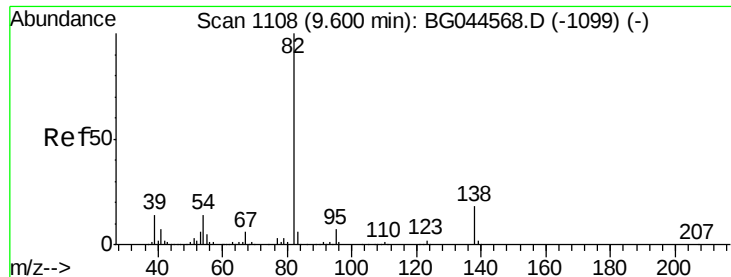
2/25/2020 4:18:49 PM



#24
Nitrobenzene
Concen: 11.465 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.2	40.1	60.1	
65	13.4	10.4	15.6	





#25

Isophorone

Concen: 11.658 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

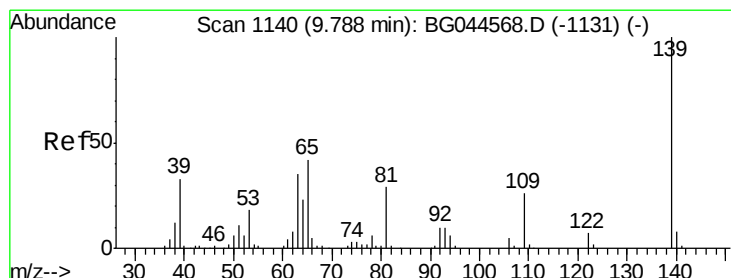
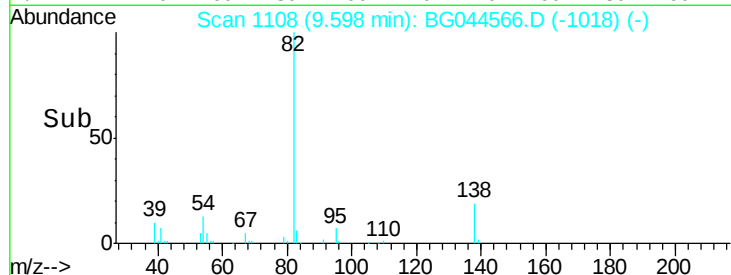
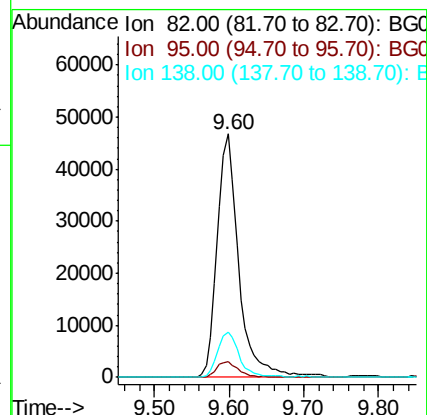
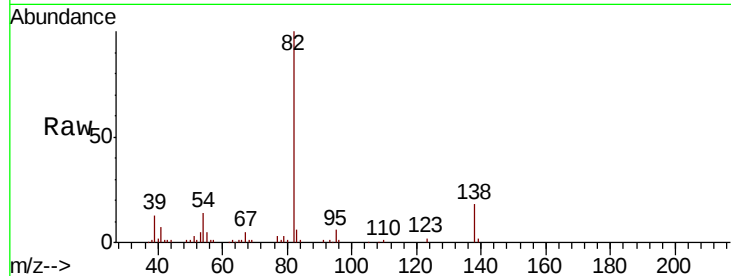
SSTDICC010

Tot Ion:	82	Resp:	94244
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.6	8.4
138	18.4	14.7	22.1

Manual Integrations
APPROVED

mohammad

2/25/2020 4:18:49 PM



#26

2-Nitrophenol

Concen: 11.147 ng

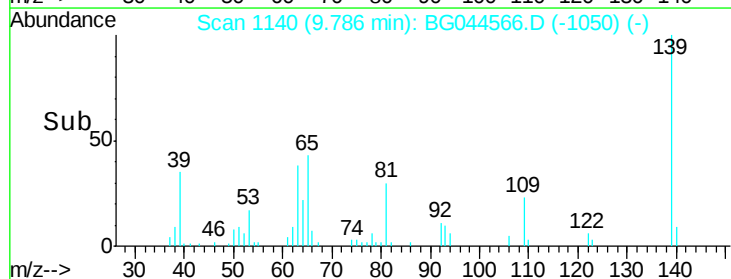
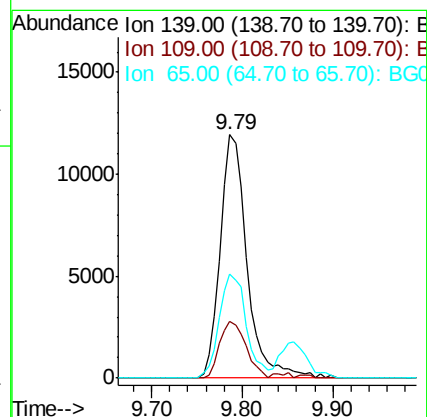
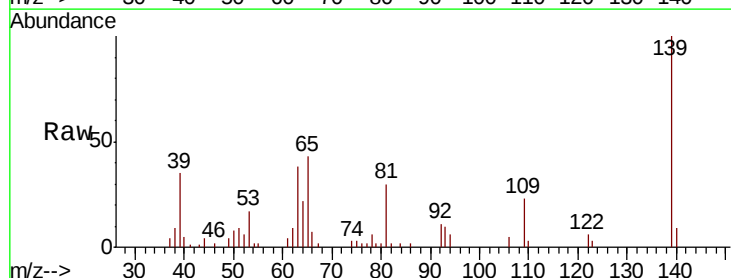
RT: 9.79 min Scan# 1140

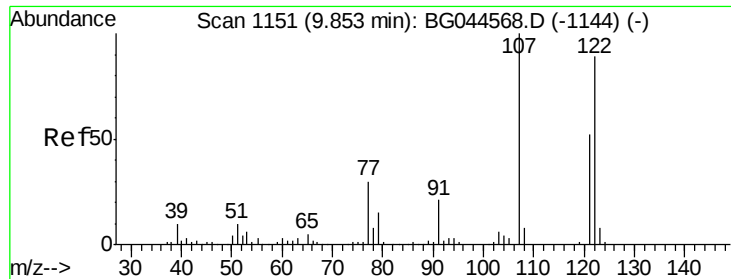
Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	139	Resp:	24491
Ion	Ratio	Lower	Upper
139	100		
109	23.2	20.6	31.0
65	42.5	33.3	49.9





#27
2,4-Dimethylphenol
Concen: 11.565 ng
RT: 9.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

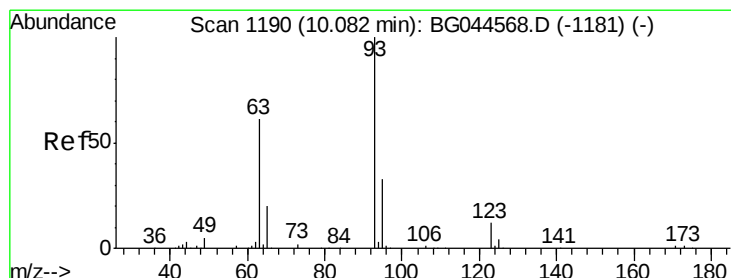
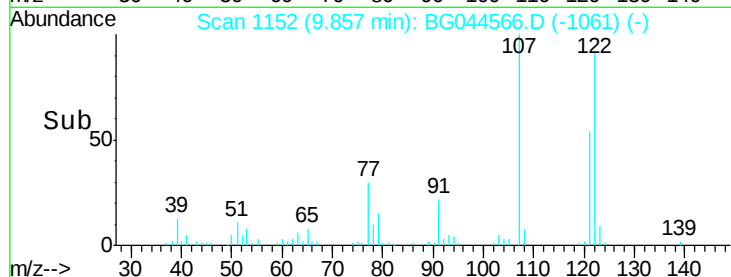
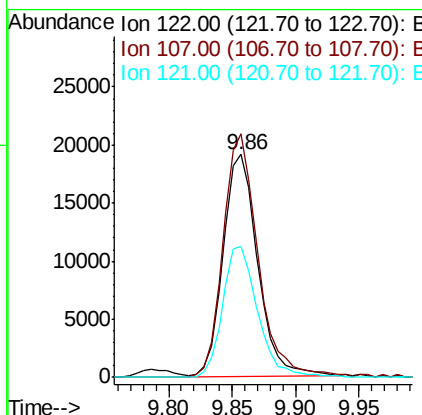
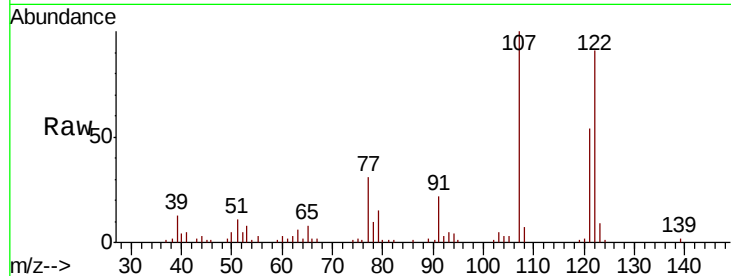
Instrument :
BNA_G
ClientSampled :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	89.4	134.0
121	58.6	46.5	69.7

Manual Integrations
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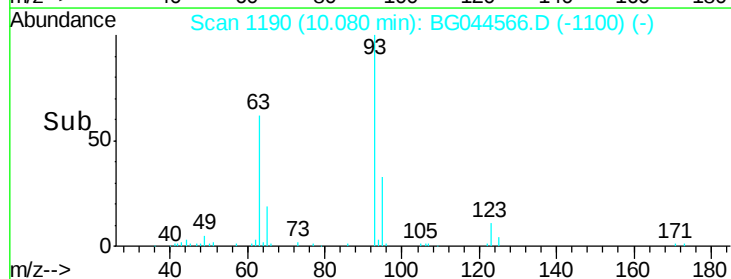
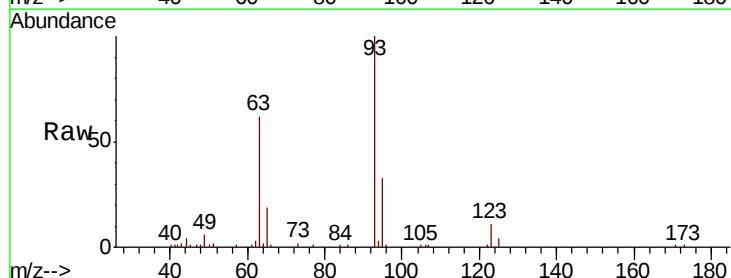
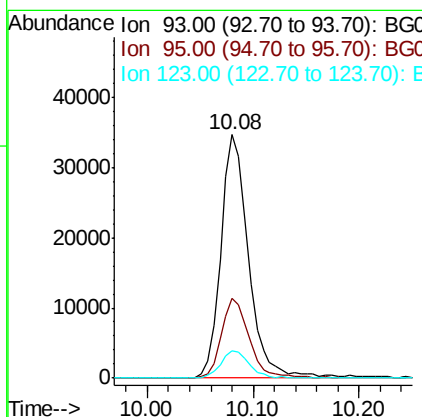
mohammad

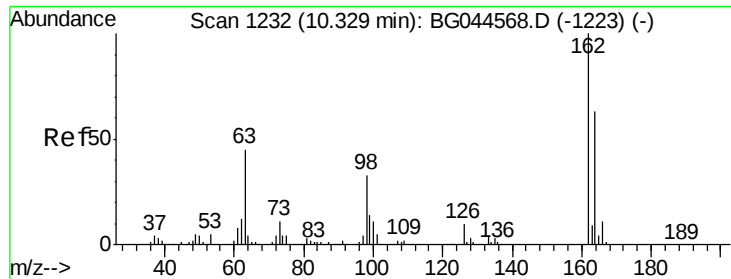
2/25/2020 4:18:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 11.679 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.1	9.7	14.5





#29
2,4-Dichlorophenol
Concen: 11.197 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

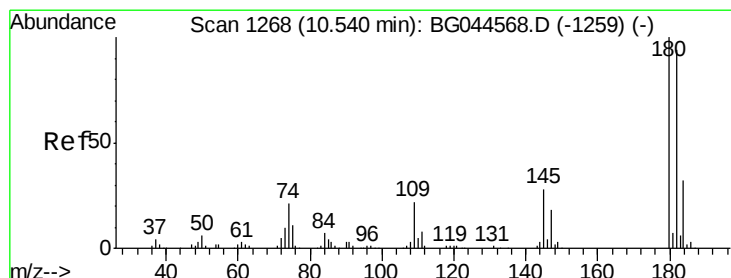
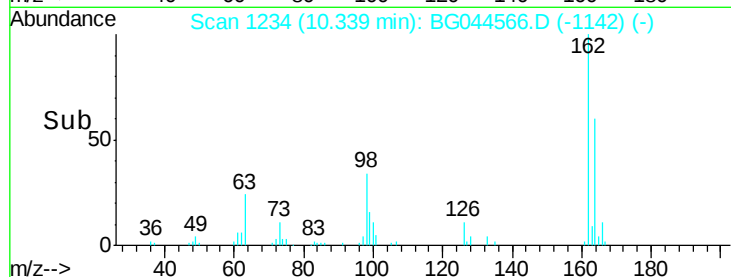
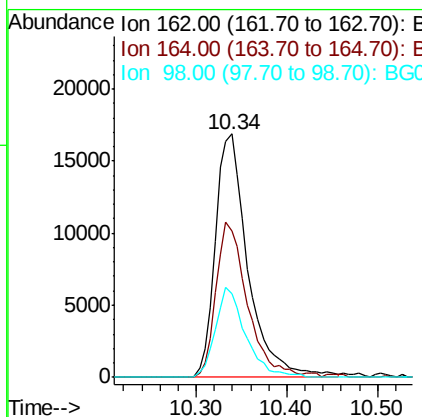
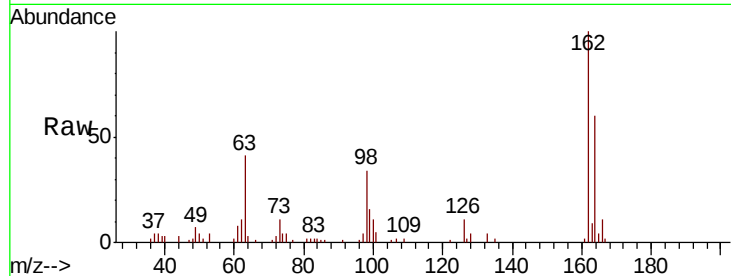
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	43.2	83.2
98	34.2	13.2	53.2

Manual Integrations
APPROVED

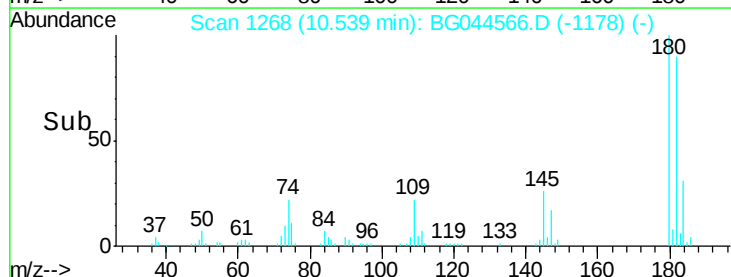
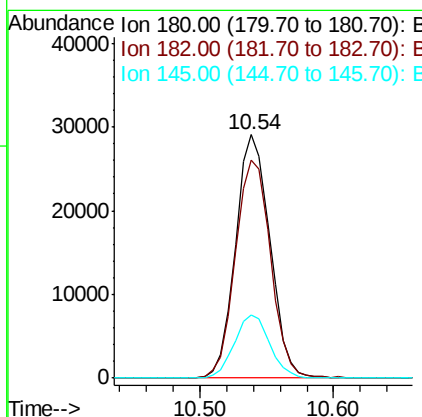
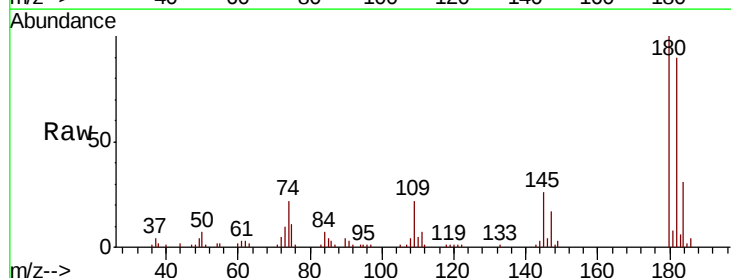
mohammad

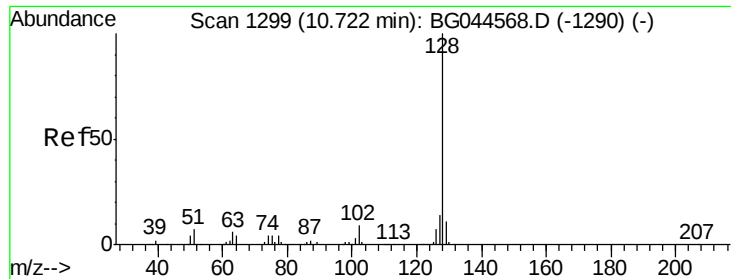
2/25/2020 4:18:49 PM



#30
1,2,4-Trichlorobenzene
Concen: 12.040 ng
RT: 10.54 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	75.6	113.4
145	26.1	22.2	33.2





#31
Naphthalene
Concen: 12.396 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

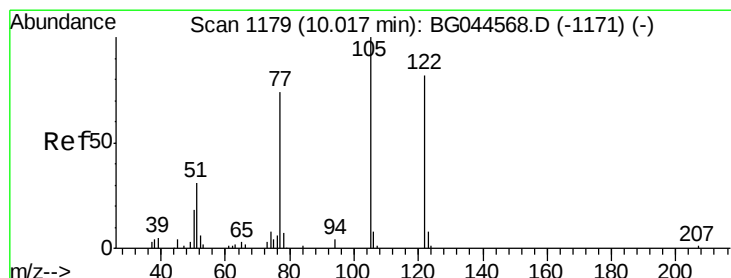
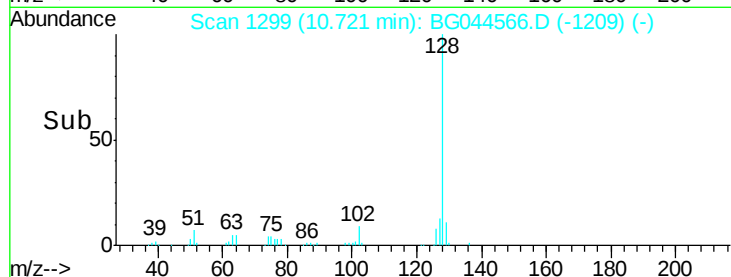
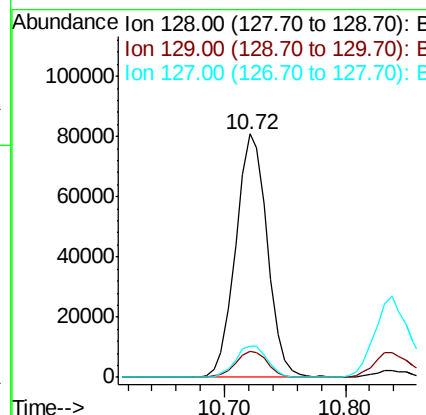
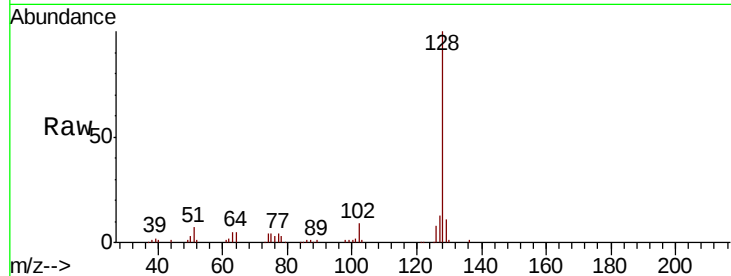
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.6	11.0	16.4

Manual Integrations
APPROVED

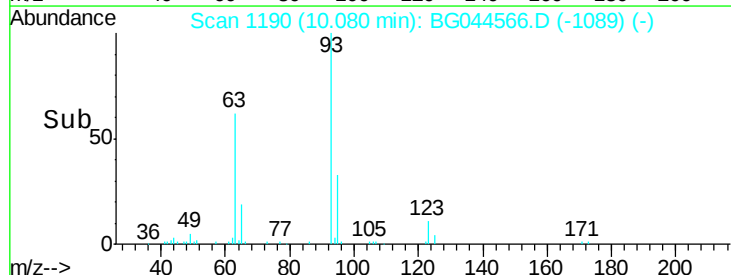
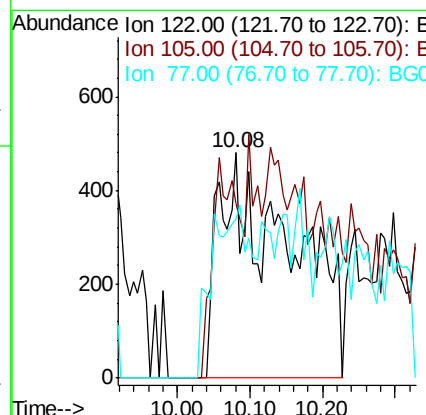
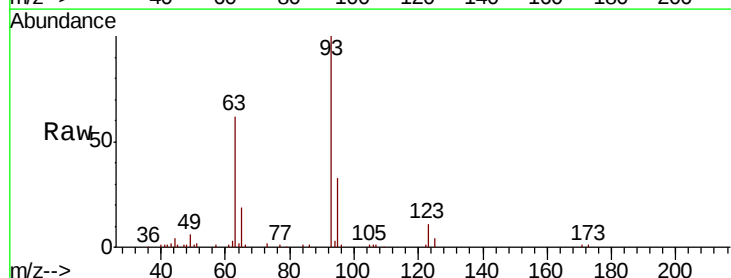
mohammad

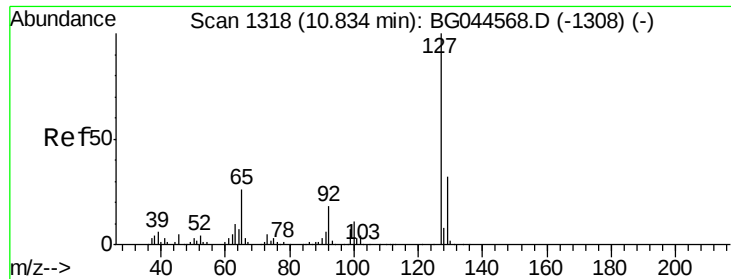
2/25/2020 4:18:49 PM



#32
Benzoic acid
Concen: 1.987 ng m
RT: 10.08 min Scan# 1190
Delta R.T. 0.06 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	77.5	101.4	141.4#
77	70.3	69.8	109.8





#33
4-Chloroaniline
Concen: 11.026 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

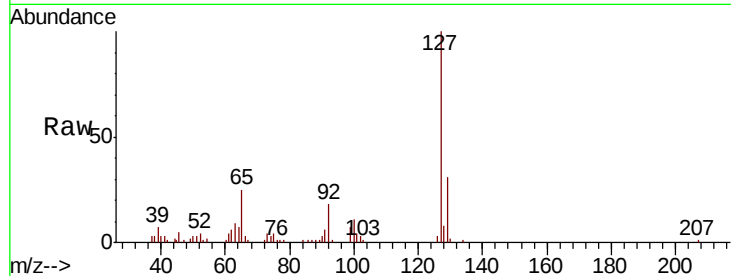
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	25.3	20.7	31.1		
92	17.5	14.2	21.2		

Manual Integrations
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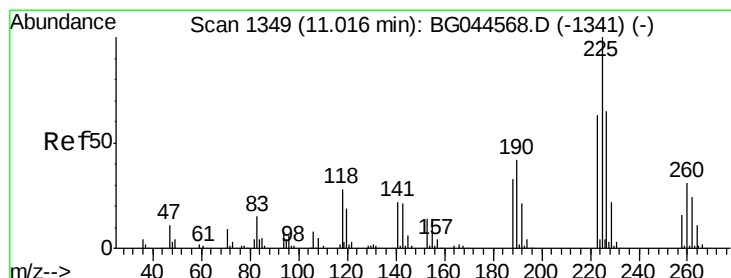
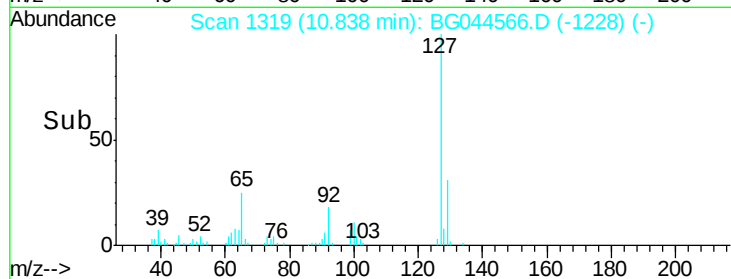
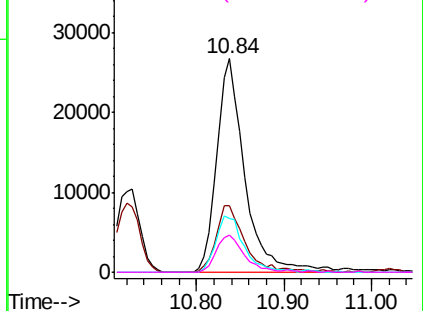
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

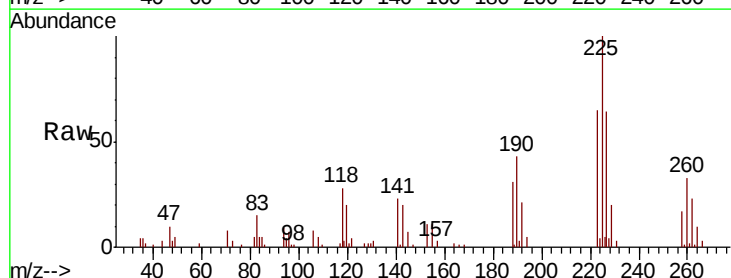
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 11.984 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	50.6	76.0		
227	68.0	52.1	78.1		

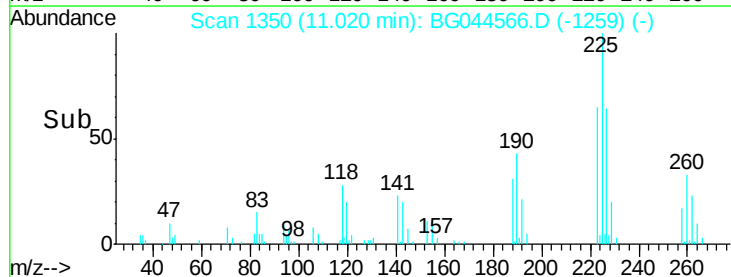
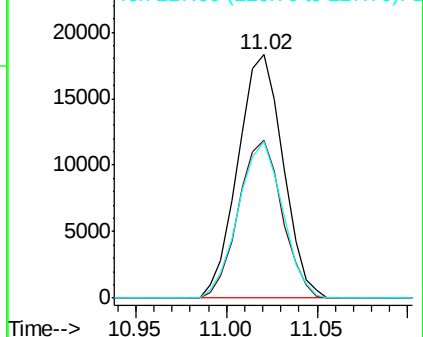


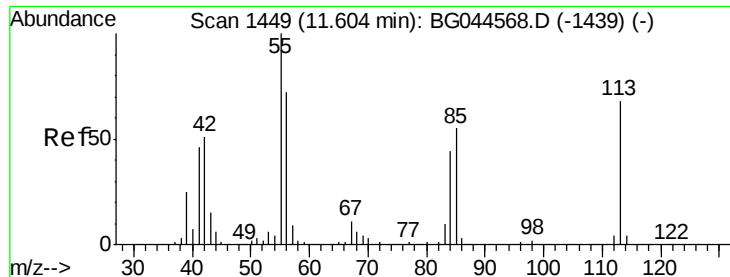
Abundance

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: 10.827 ng/ml
RT: 11.59 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

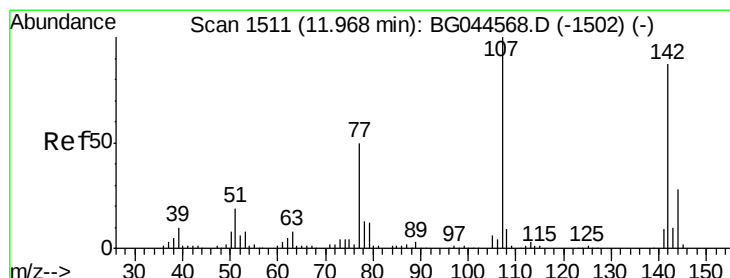
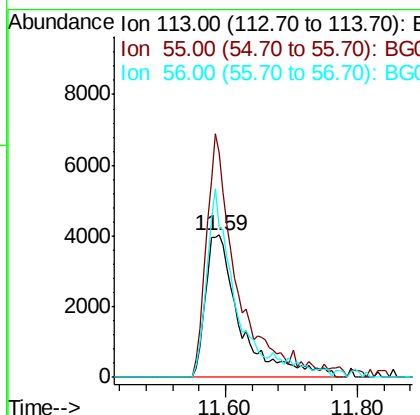
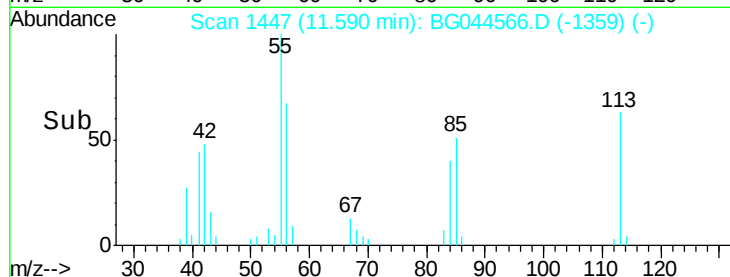
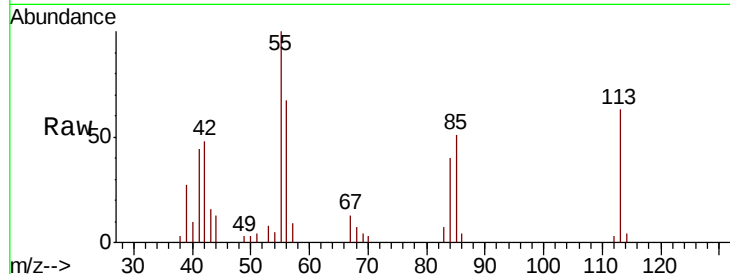
Instrument :
BNA_G
ClientSampleID :
SSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	157.9	127.8	167.8	
56	105.8	86.9	126.9	

Manual Integrations
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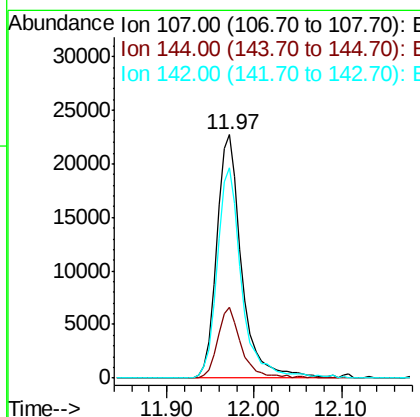
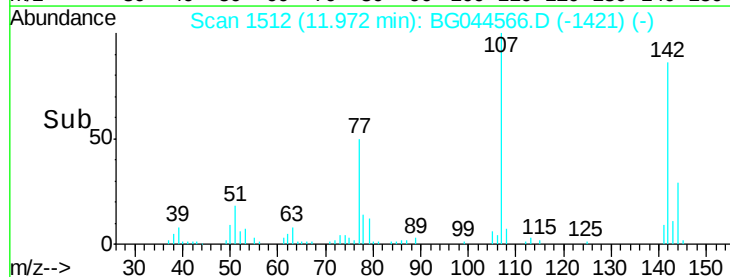
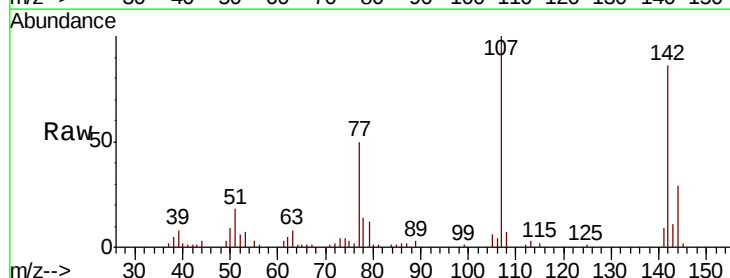
mohammad

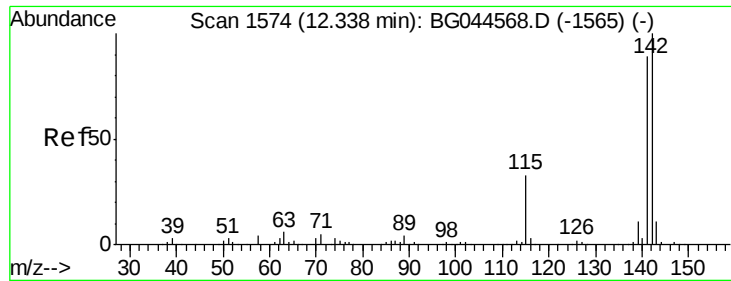
2/25/2020 4:18:49 PM



#36
4-Chloro-3-methylphenol
Concen: 11.388 ng
RT: 11.97 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.8	22.3	33.5	
142	86.1	69.3	103.9	





#37
 2-Methylnaphthalene
 Concen: 12.276 ng
 RT: 12.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

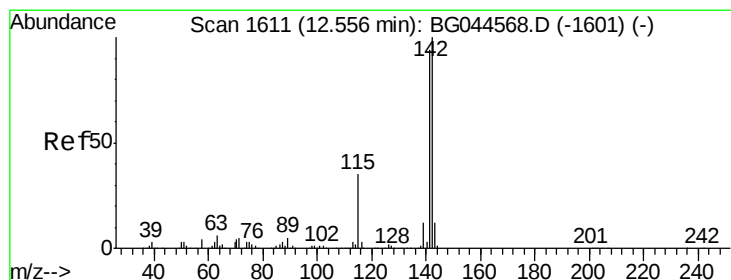
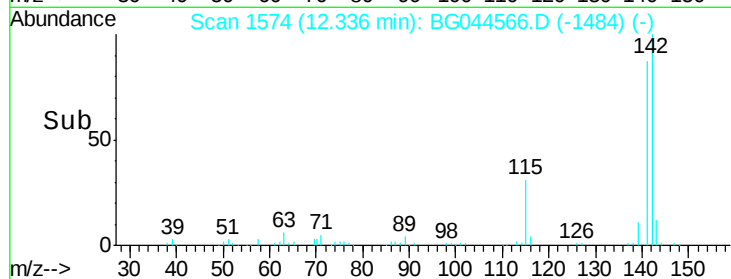
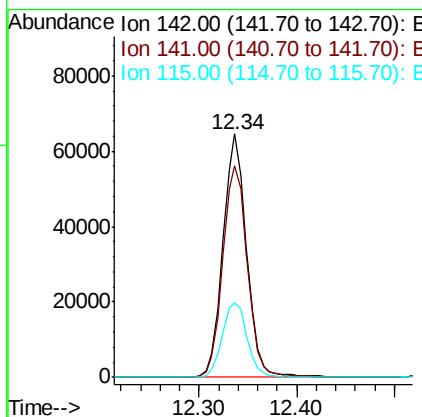
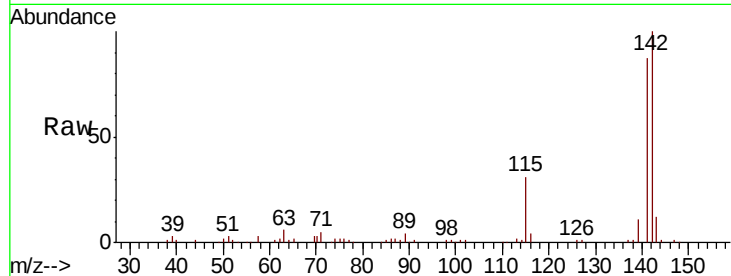
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.3	106.9
115	30.8	26.2	39.2

Manual Integrations
 APPROVED

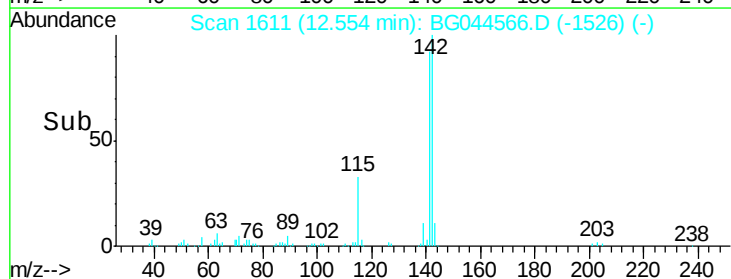
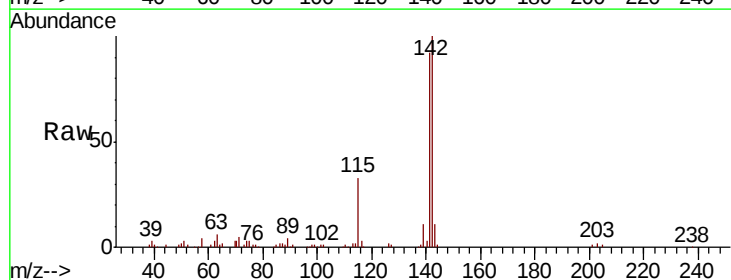
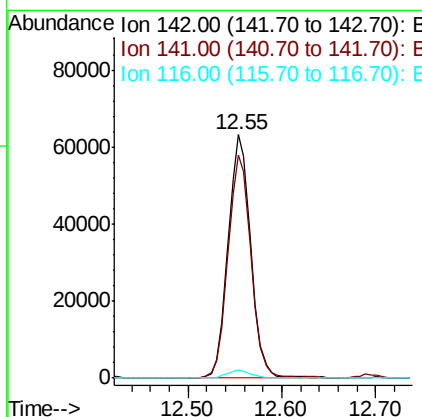
mohammad

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#38
 1-Methylnaphthalene
 Concen: 12.663 ng
 RT: 12.55 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.1	112.7
116	3.3	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampled :

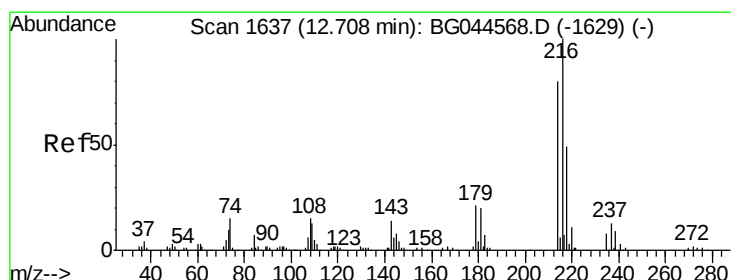
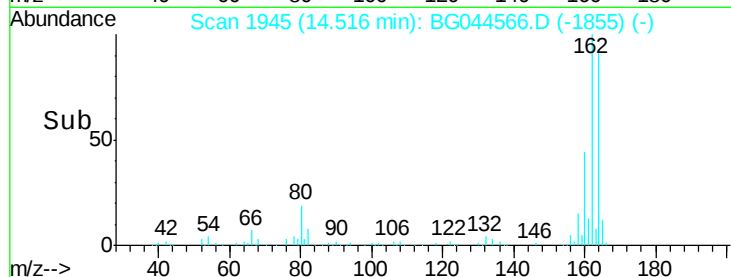
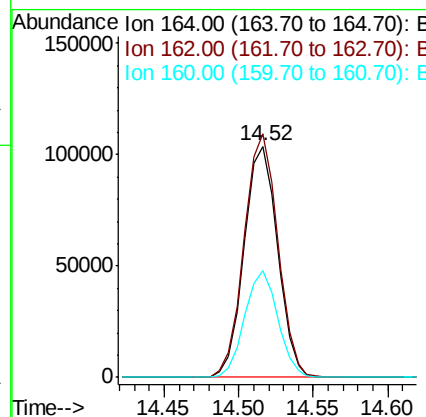
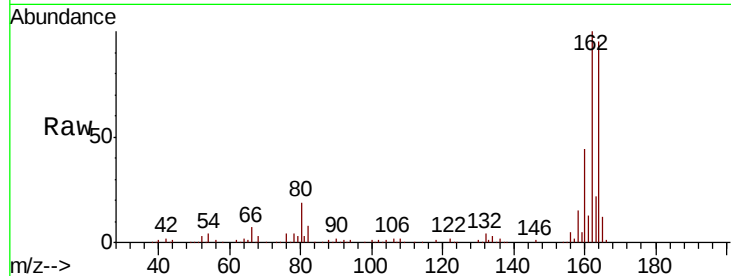
SSTDICC010

Tot Ion:	164	Resp:	161933
Ion Ratio	Lower	Upper	
164	100		
162	105.5	83.6	125.4
160	46.0	36.2	54.4

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.914 ng

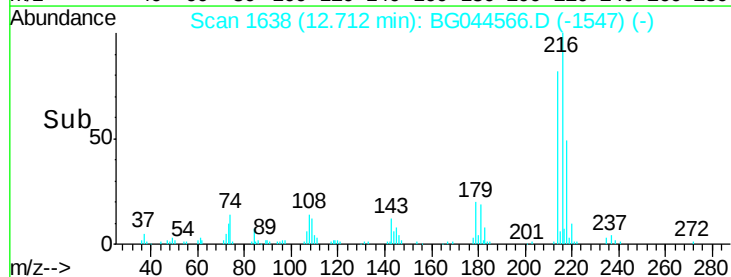
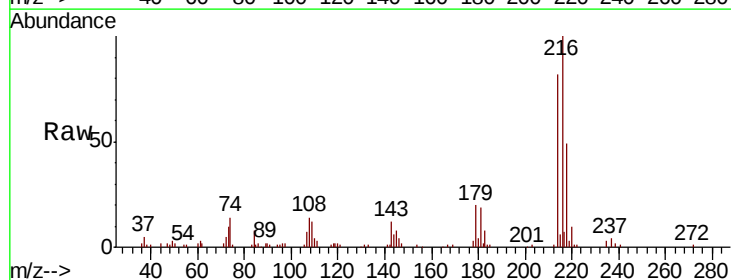
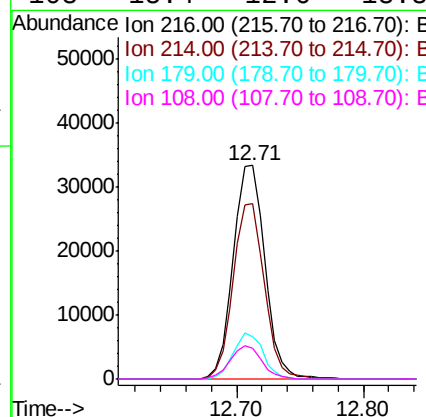
RT: 12.71 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	216	Resp:	57710
Ion Ratio	Lower	Upper	
216	100		
214	80.9	63.3	94.9
179	20.2	16.2	24.2
108	15.4	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 5.405 ng

RT: 12.69 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

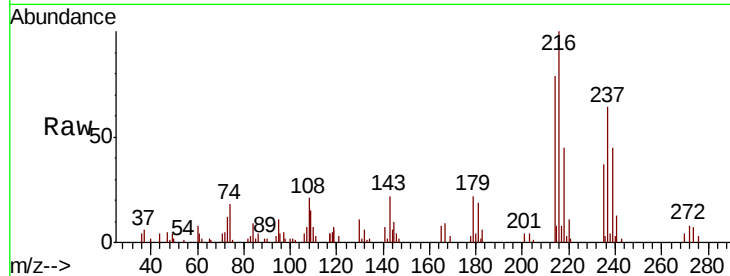
SSTDICC010

Tot Ion:	237	Resp:	12563
Ion Ratio	Lower	Upper	
237	100		
235	58.1	40.7	80.7
272	11.8	0.0	32.7

Manual Integrations
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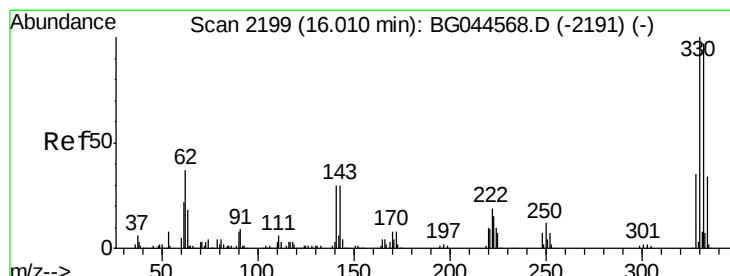
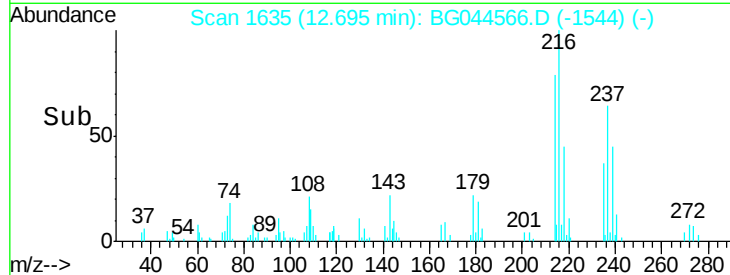
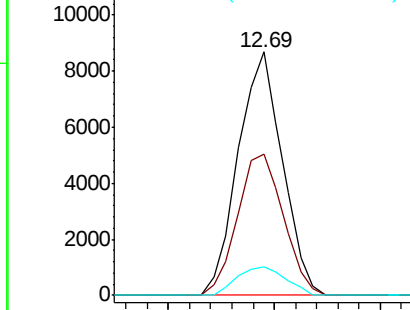


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 24.433 ng

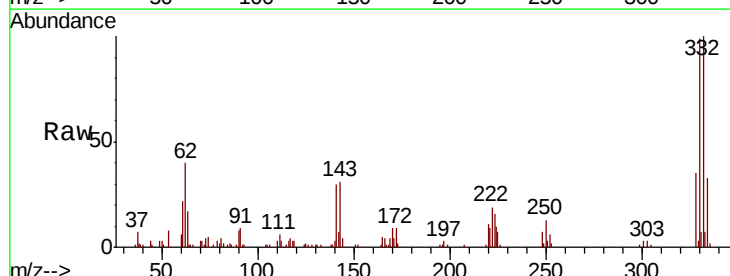
RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	330	Resp:	46448
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.4	116.0
141	33.3	26.1	39.1

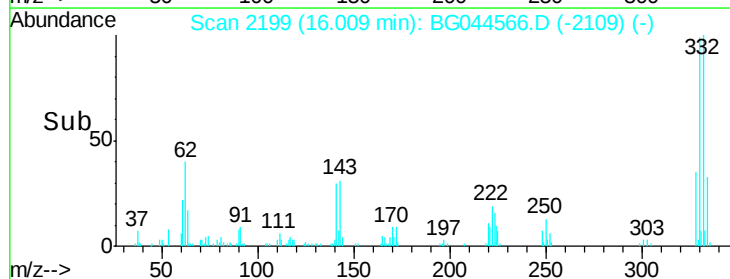
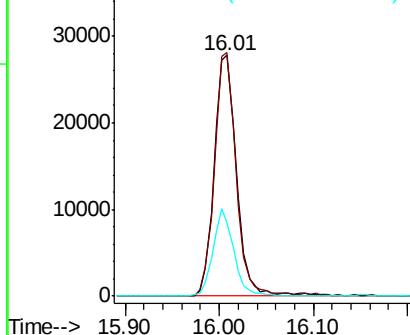


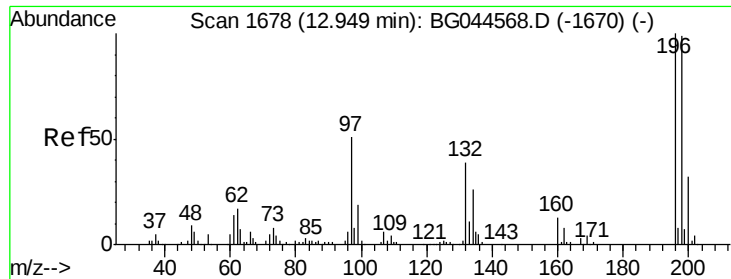
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43
 2,4,6-Trichlorophenol
 Concen: 11.120 ng
 RT: 12.95 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

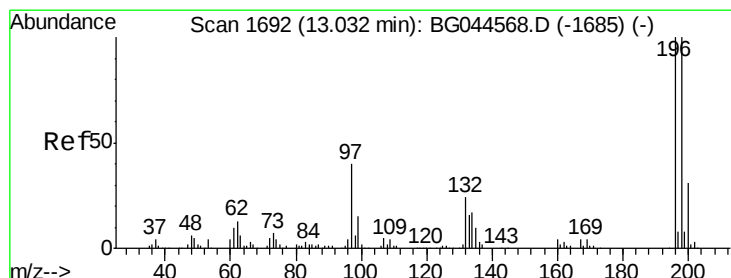
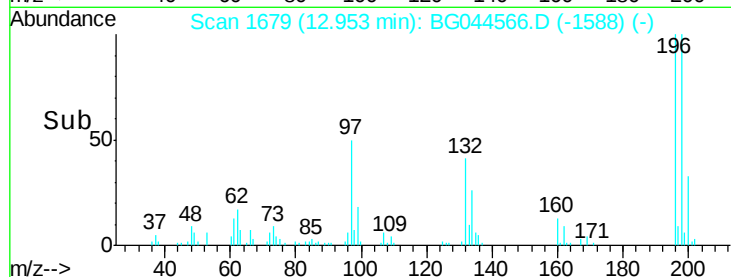
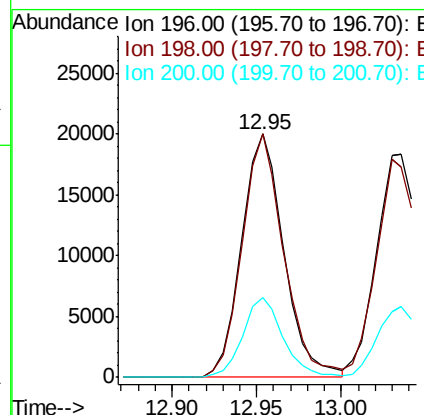
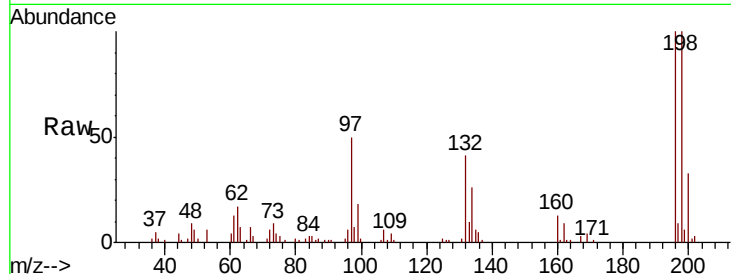
Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	34818		
198	99.9	79.2	118.8	
200	32.8	25.7	38.5	

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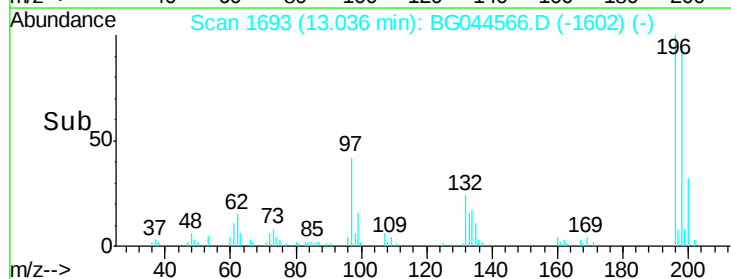
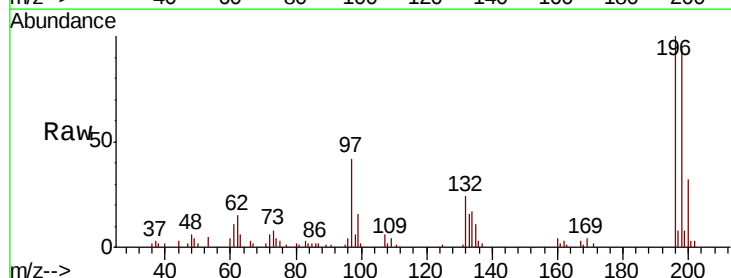
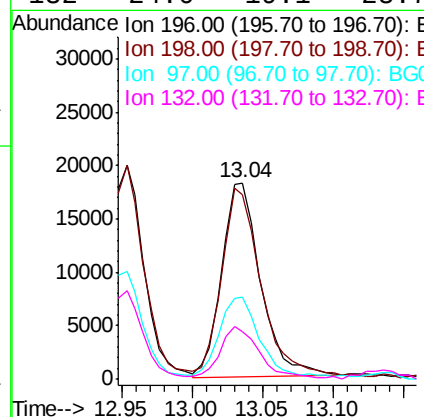
mohammad

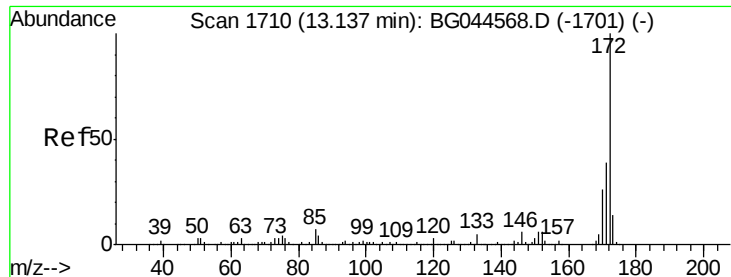
2/25/2020 4:18:49 PM



#44
 2,4,5-Trichlorophenol
 Concen: 10.913 ng
 RT: 13.04 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	34901		
198	94.0	79.3	118.9	
97	41.7	32.3	48.5	
132	24.0	19.1	28.7	





#45
2-Fluorobiphenyl
Concen: 27.602 ng
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

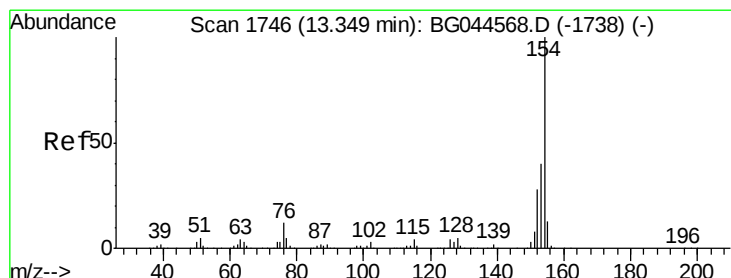
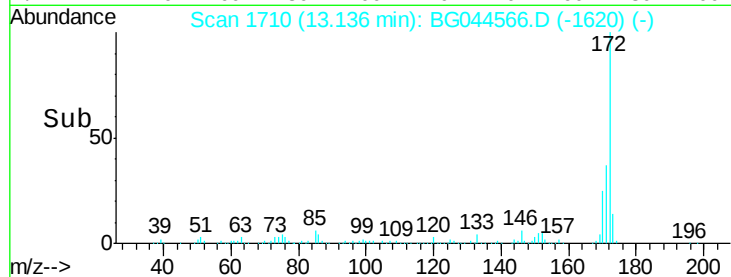
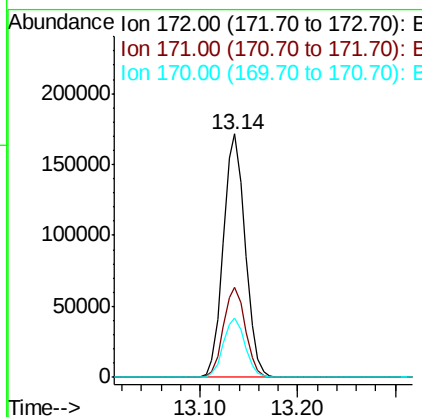
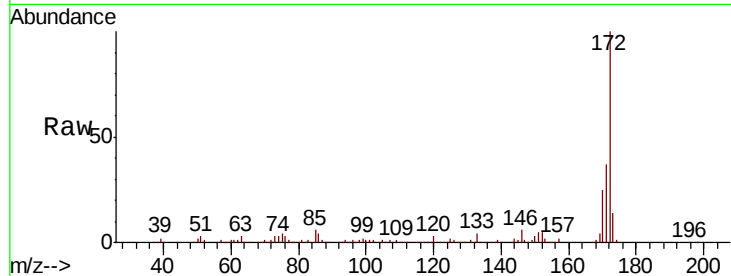
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
172	100	266916		
171	37.1		31.3	46.9
170	24.6		21.0	31.4

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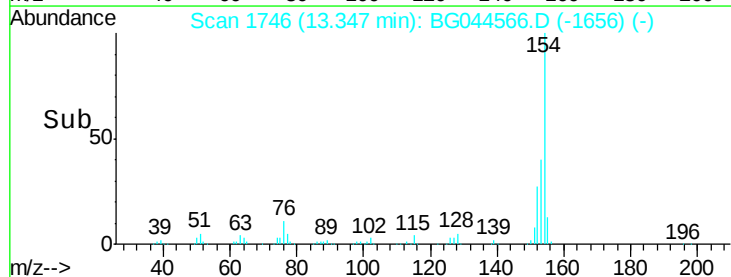
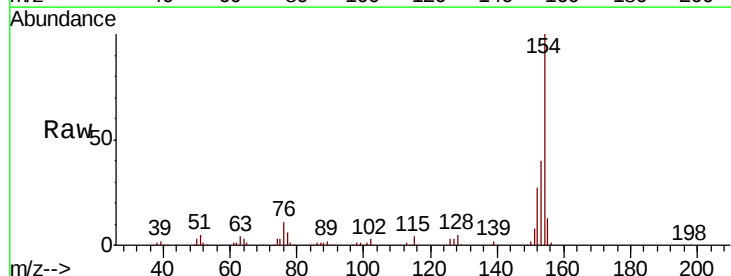
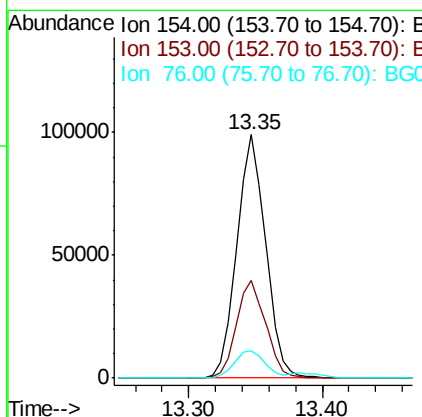
mohammad

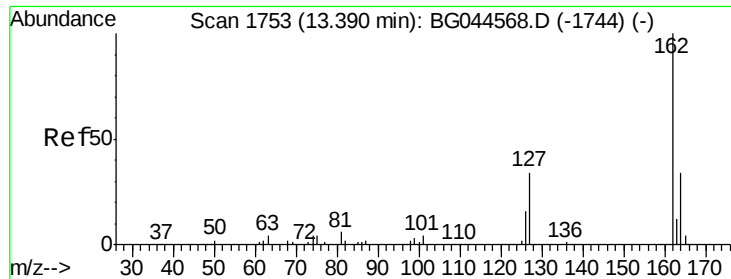
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#46
1,1'-Biphenyl
Concen: 12.695 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	148286		
153	40.2		20.2	60.2
76	11.4		0.0	31.8





#47
 2-Chloronaphthalene
 Concen: 12.599 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

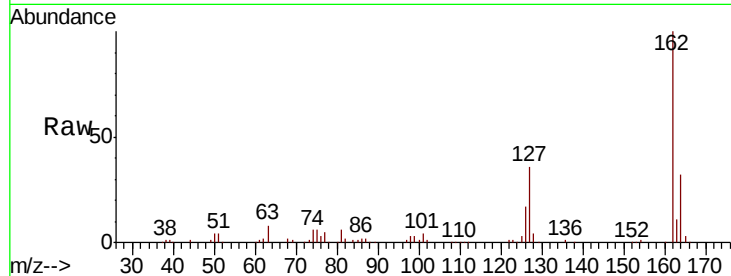
Instrument :
 BNA_G
 ClientSampleID :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.8	28.7	43.1
164	32.0	27.3	40.9

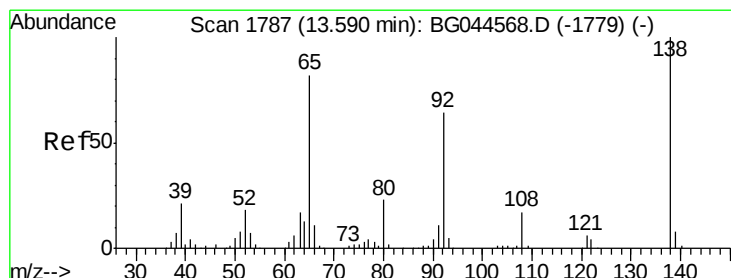
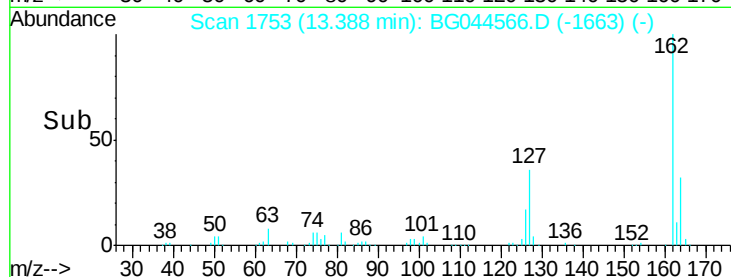
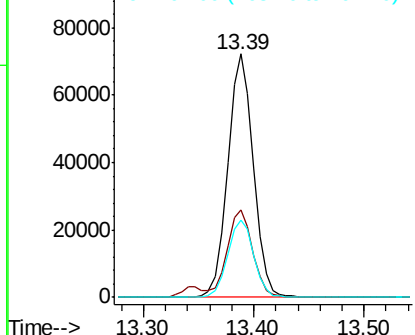
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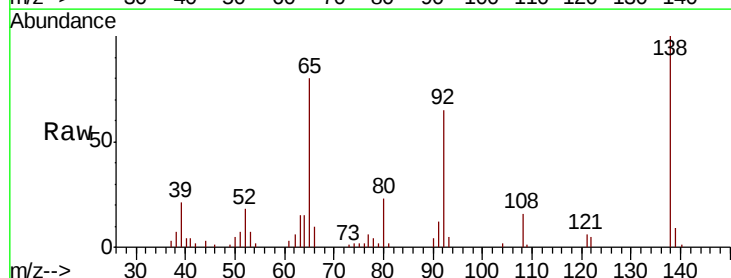


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

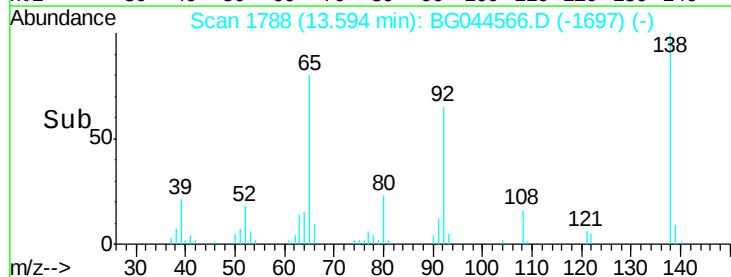
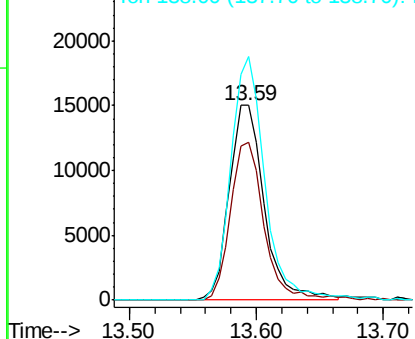


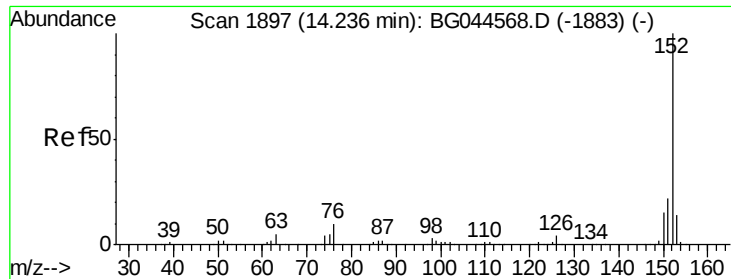
#48
 2-Nitroaniline
 Concen: 10.464 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.9	62.2	93.2
138	125.0	97.6	146.4



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





#49

Acenaphthylene

Concen: 12.880 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

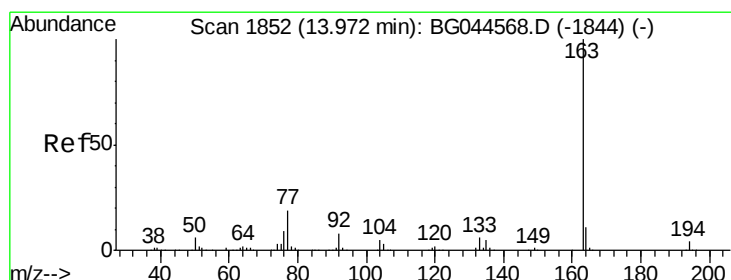
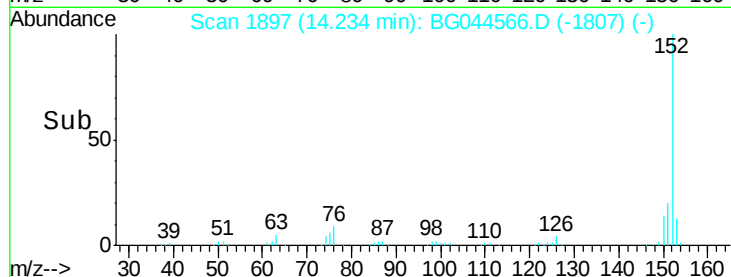
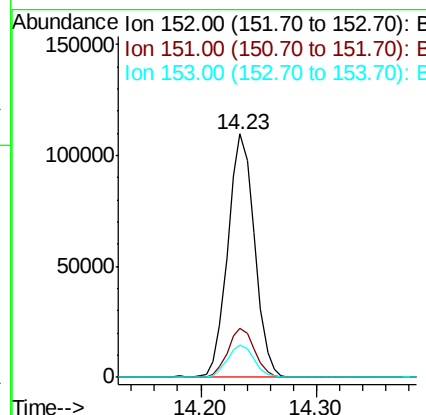
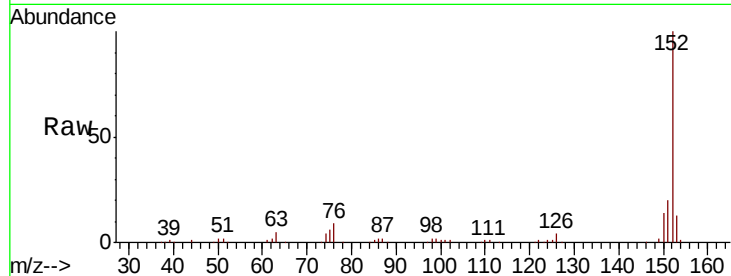
SSTDICC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		175588		
151	20.1		17.7	26.5	
153	13.2		11.3	16.9	

Manual Integrations
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#50

Dimethylphthalate

Concen: 12.678 ng

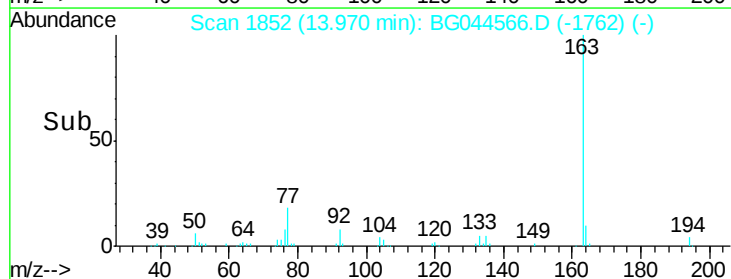
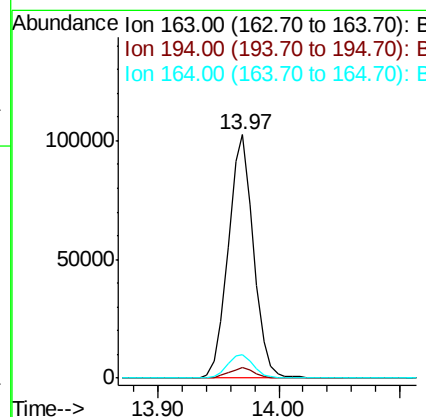
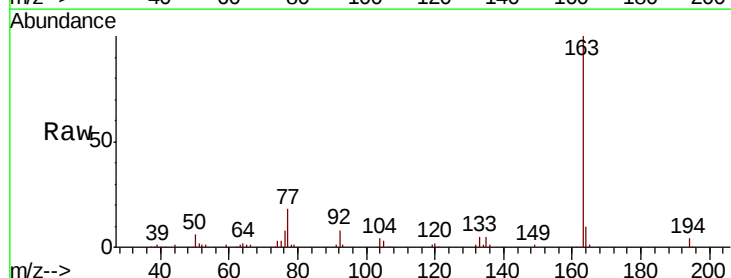
RT: 13.97 min Scan# 1852

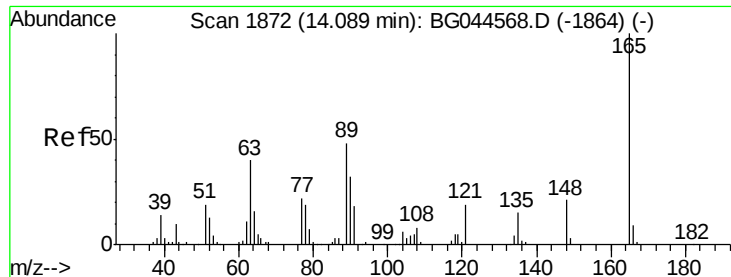
Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		147572		
194	4.3		3.4	5.0	
164	9.6		8.7	13.1	





#51

2,6-Dinitrotoluene

Concen: 11.675 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

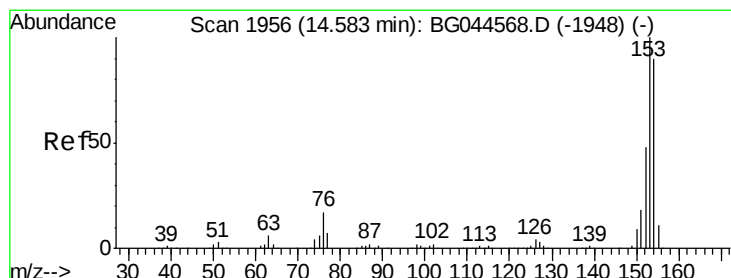
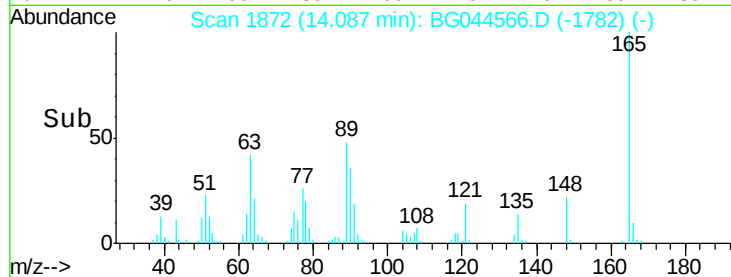
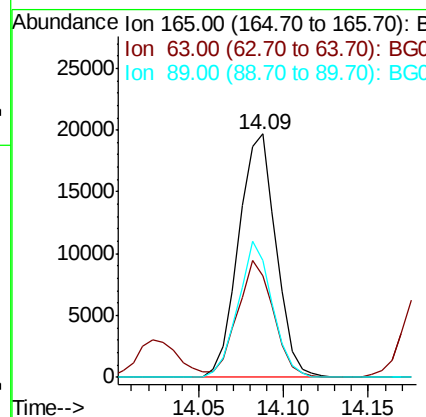
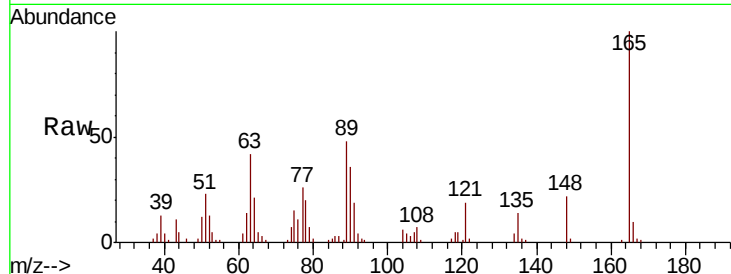
SSTDIC010

Tot Ion:	165	Resp:	30300
Ion Ratio	Lower	Upper	
165	100		
63	41.7	35.8	53.6
89	48.2	38.7	58.1

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#52

Acenaphthene

Concen: 12.295 ng

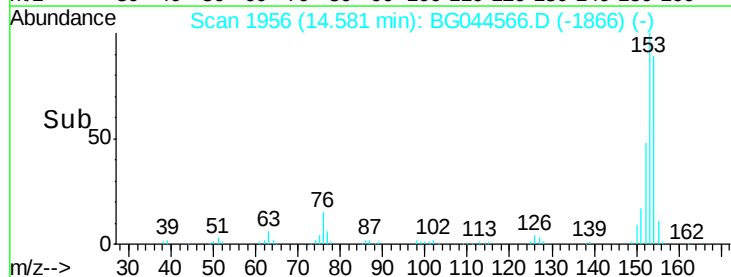
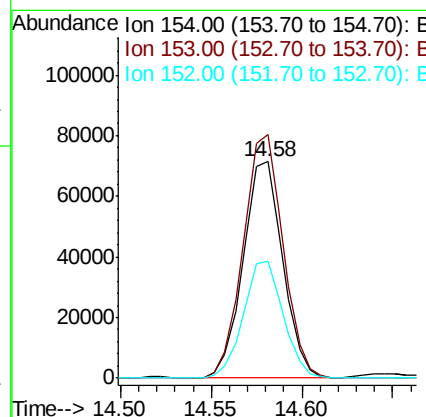
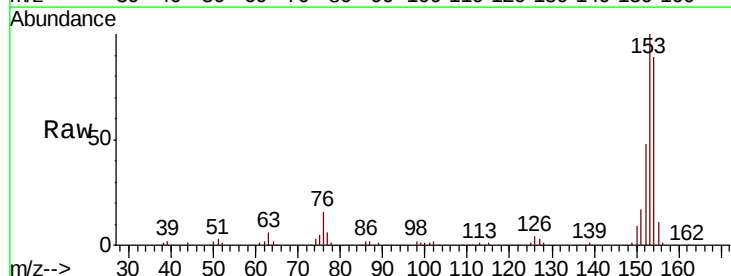
RT: 14.58 min Scan# 1956

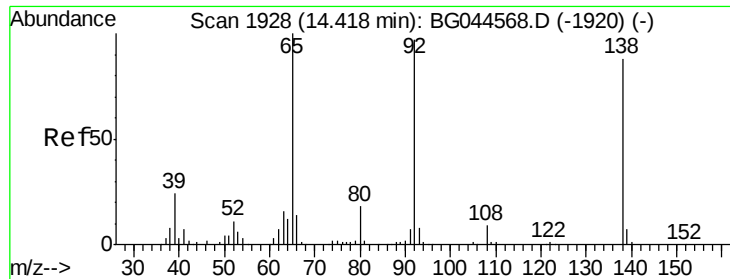
Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	154	Resp:	108642
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.4	134.0
152	54.1	43.0	64.4





#53
3-Nitroaniline
Concen: 10.813 ng
RT: 14.42 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

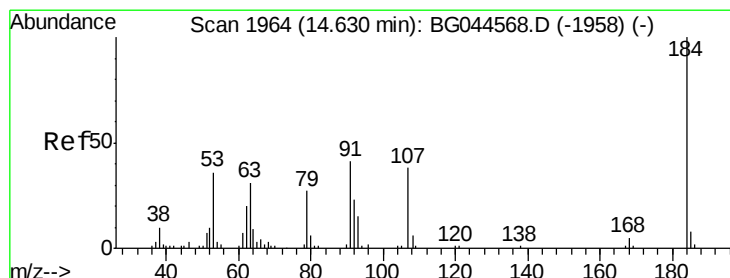
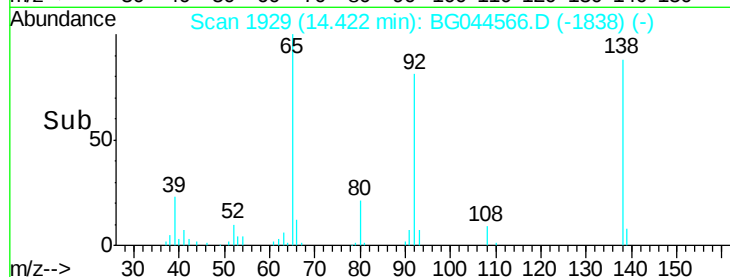
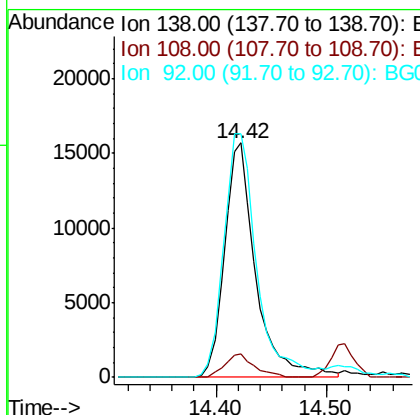
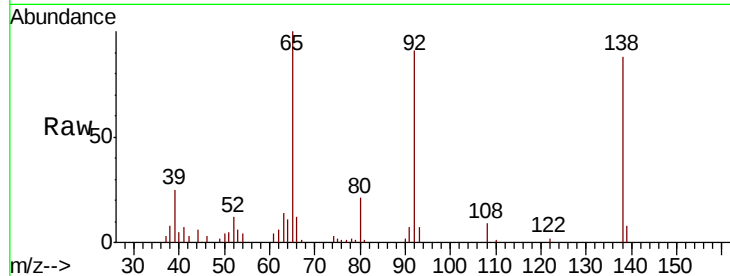
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.9	11.9
92	103.8	87.4	131.2

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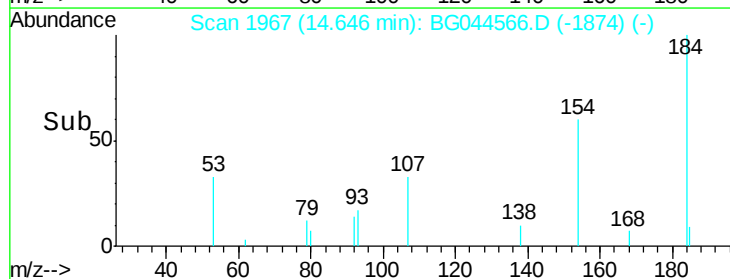
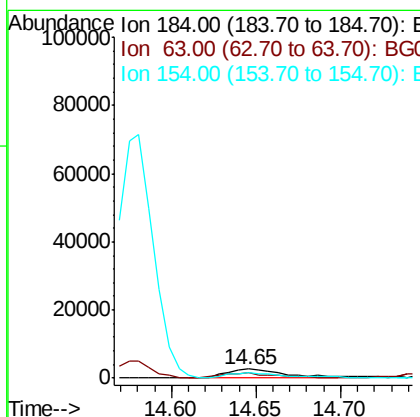
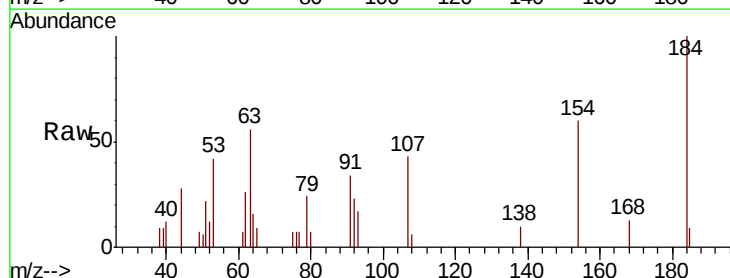
mohammad

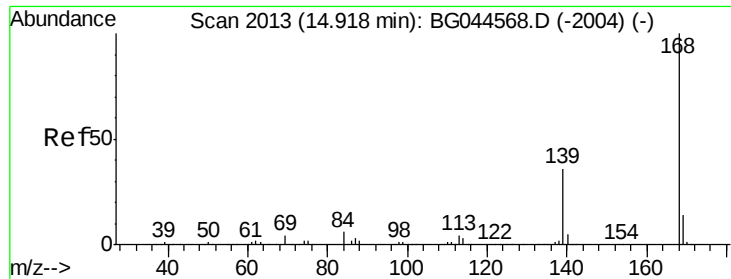
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#54
2,4-Dinitrophenol
Concen: 4.962 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.02 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	42.1	63.1
154	59.7	43.4	65.2





#55
Dibenzofuran
Concen: 13.015 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

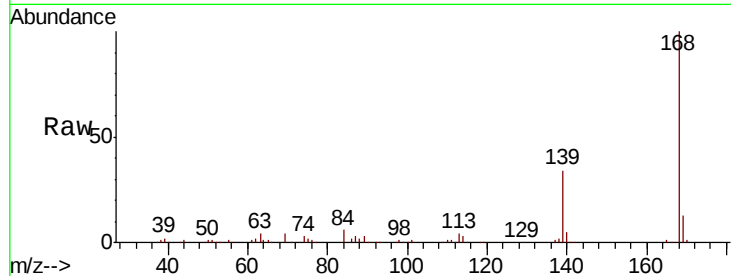
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.2	29.2	43.8
169	13.5	11.0	16.6

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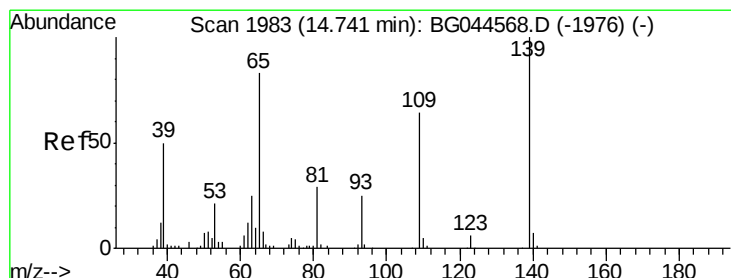
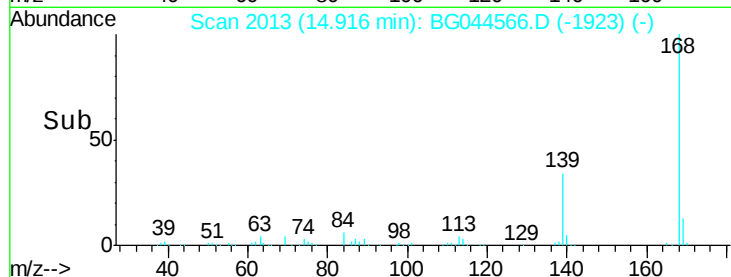
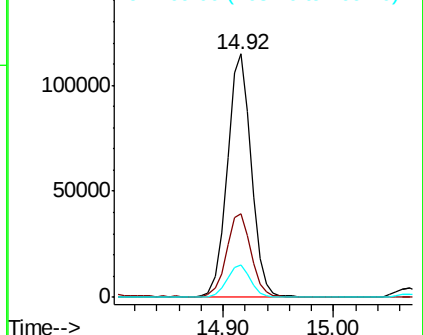


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 7.726 ng
RT: 14.75 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

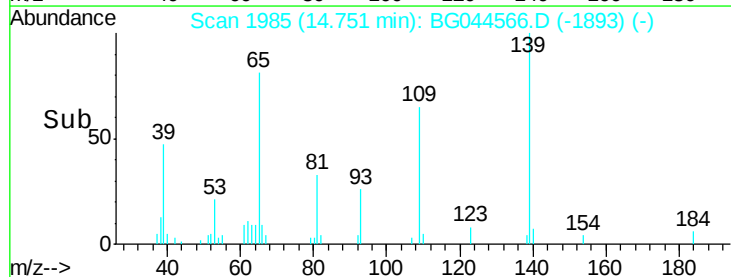
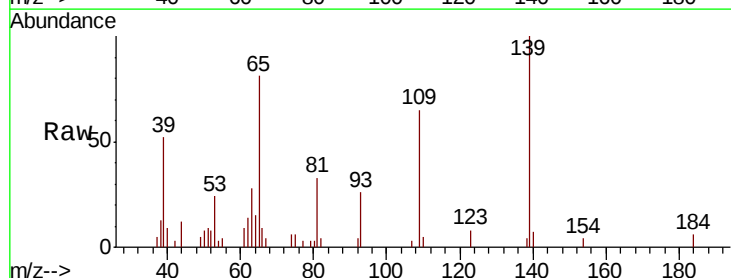
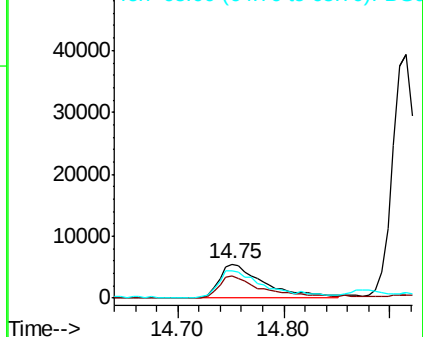
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.7	43.8	83.8
65	81.1	63.6	103.6

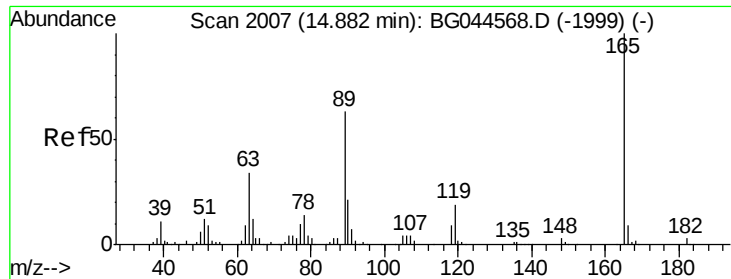
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57
2,4-Dinitrotoluene
Concen: 11.617 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

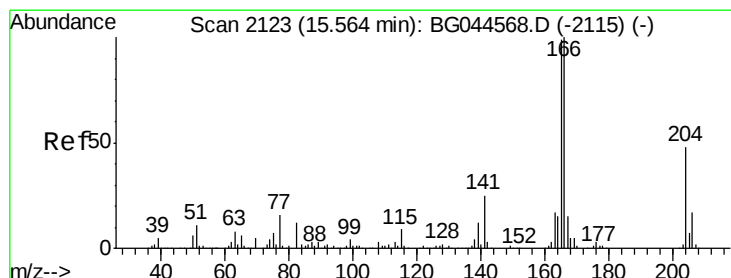
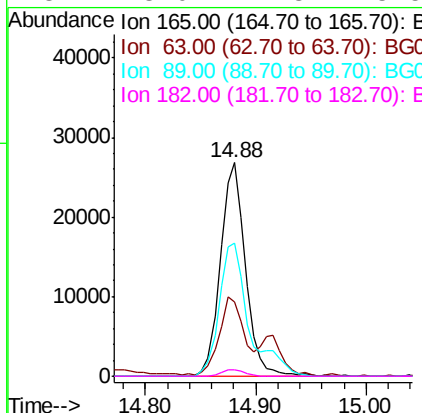
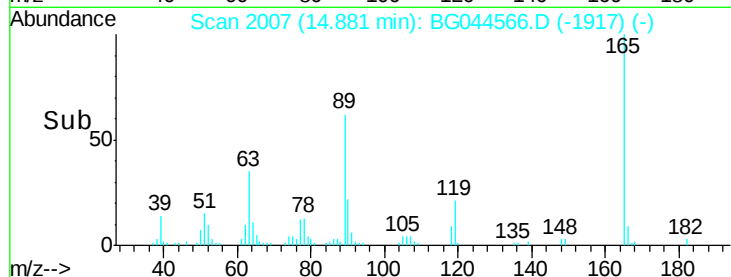
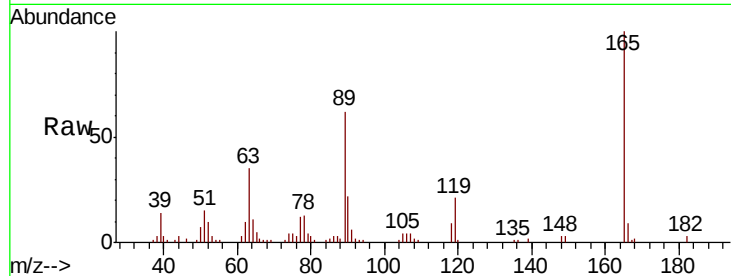
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		42259		
63	34.6	27.5	41.3		
89	62.3	50.0	75.0		
182	3.0	2.3	3.5		

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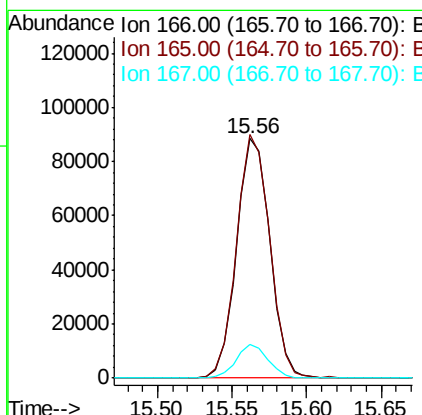
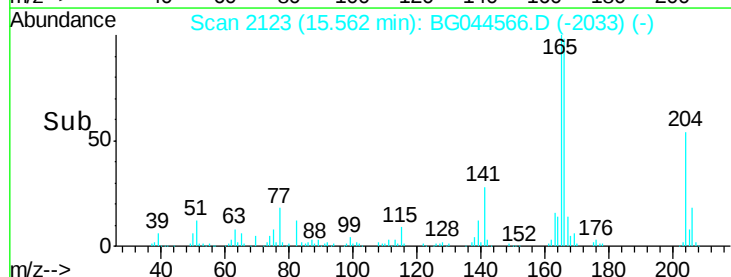
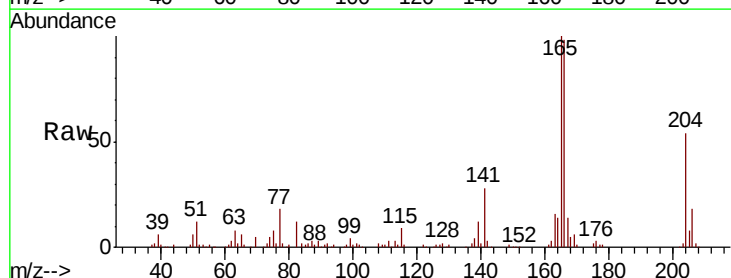
mohammad

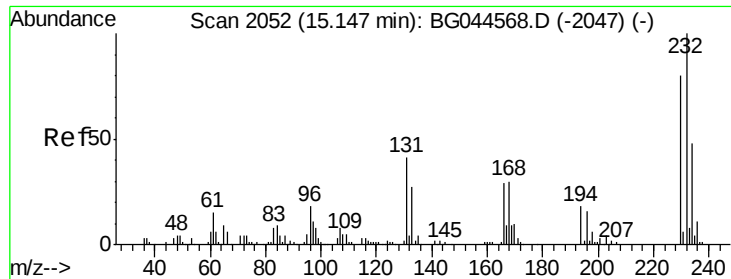
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#58
Fluorene
Concen: 13.007 ng
RT: 15.56 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		137062		
165	101.8	79.2	118.8		
167	14.1	11.7	17.5		





#59
2,3,4,6-Tetrachlorophenol
Concen: 11.679 ng
RT: 15.15 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

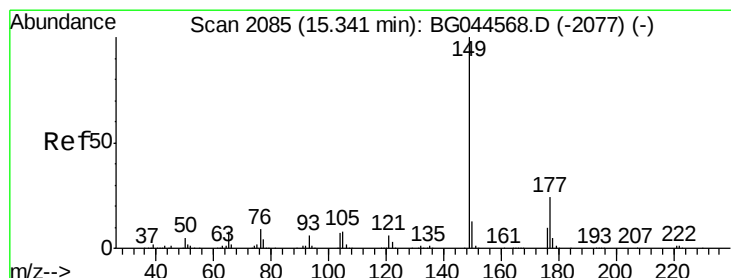
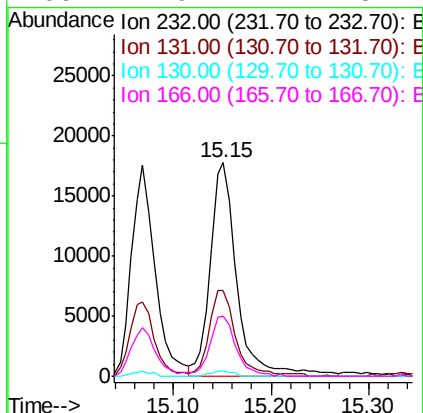
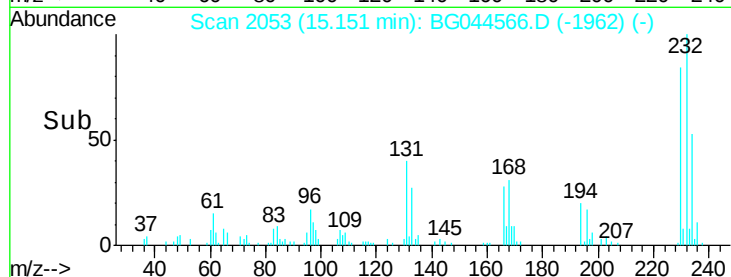
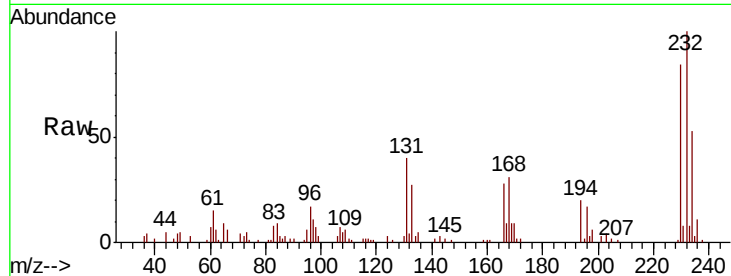
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	31.8	47.6
130	2.0	1.8	2.6
166	27.9	22.7	34.1

Manual Integrations
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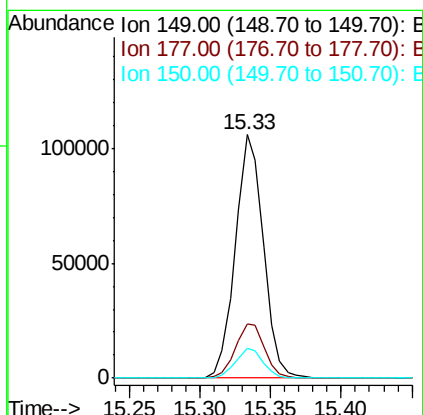
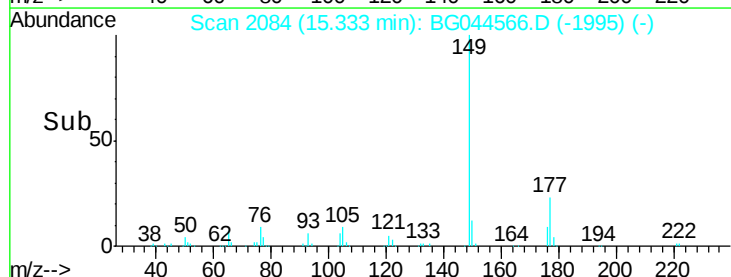
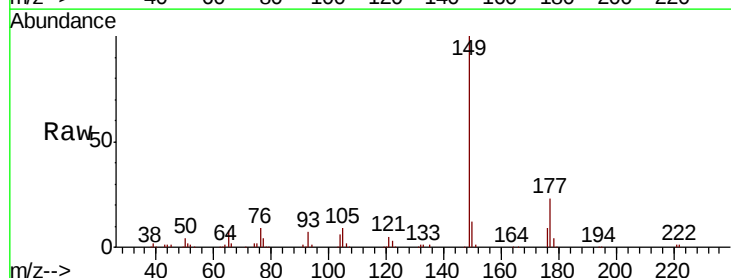
mohammad

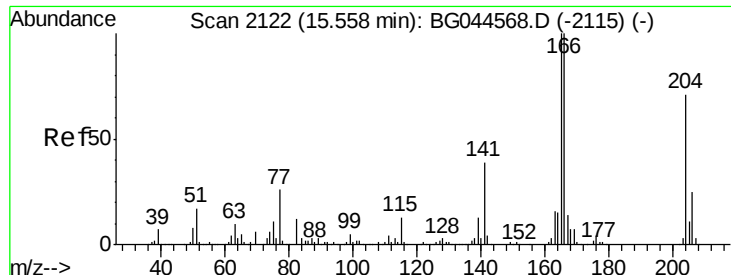
2/25/2020 4:18:49 PM



#60
Diethylphthalate
Concen: 12.673 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.2	28.8
150	12.1	10.2	15.4





#61
 4-Chlorophenyl-phenylether
 Concen: 12.970 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

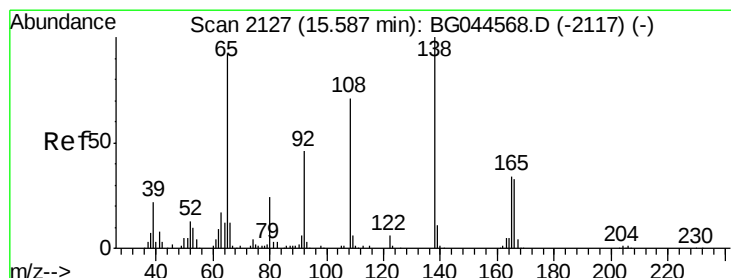
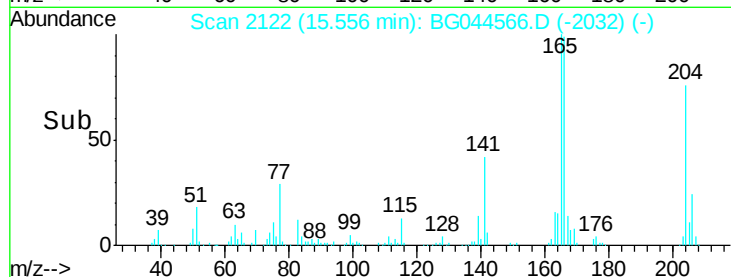
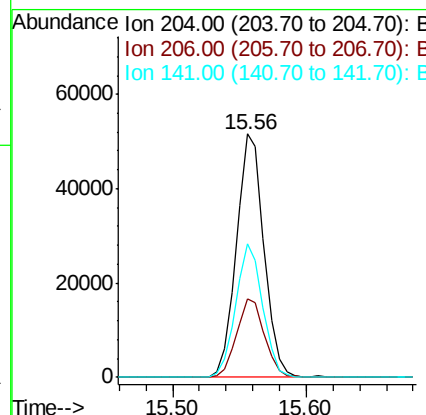
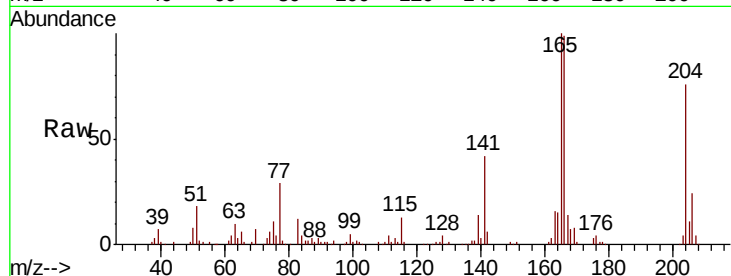
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.8	41.8
141	54.8	43.8	65.8

Manual Integrations
 APPROVED

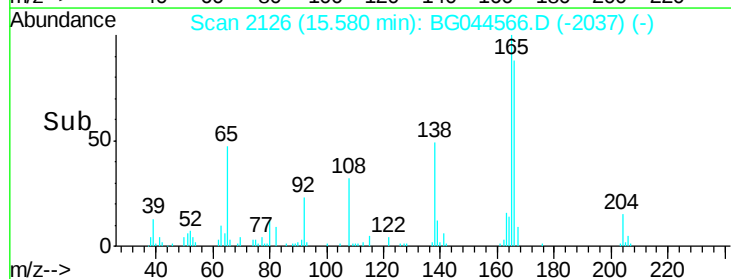
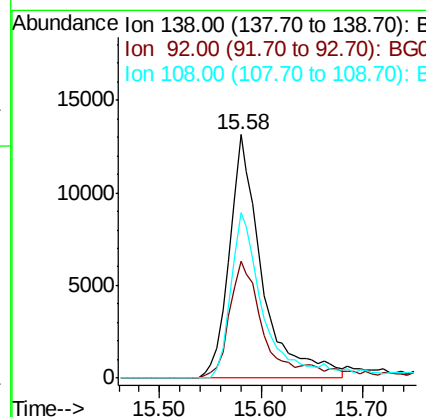
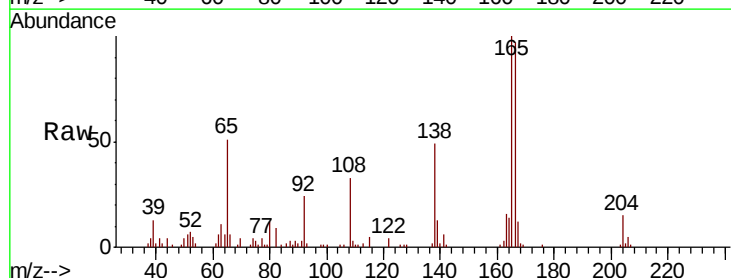
mohammad

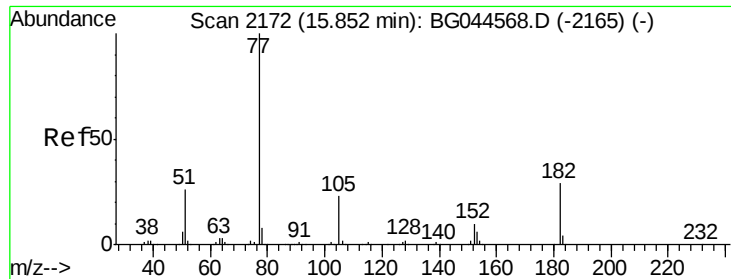
2/25/2020 4:18:49 PM



#62
 4-Nitroaniline
 Concen: 10.257 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	26.4	66.4
108	67.8	50.5	90.5





#63

Azobenzene

Concen: 12.164 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

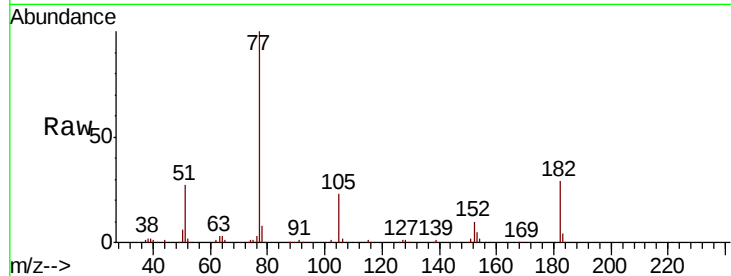
SSTDICC010

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	9.4	49.4
105	23.4	3.4	43.4
51	27.2	6.4	46.4

Manual Integrations
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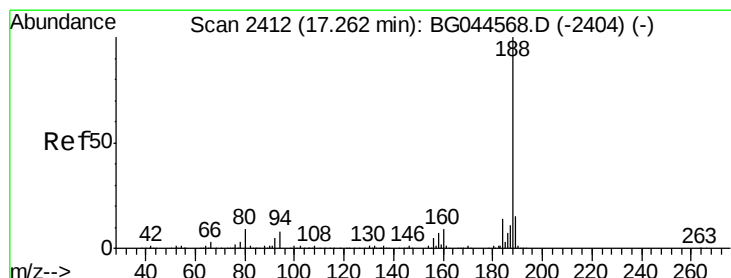
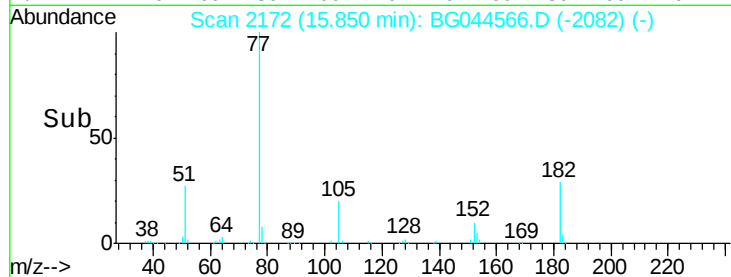
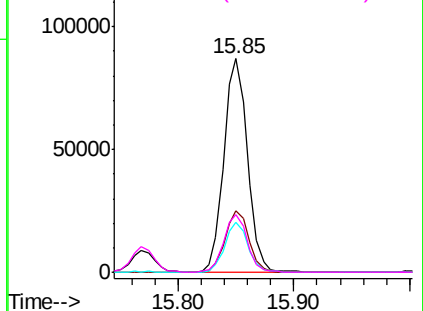


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044566.D

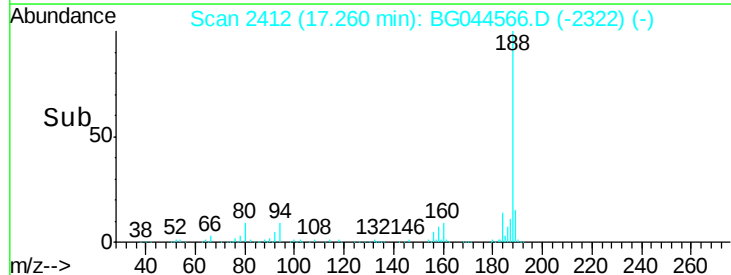
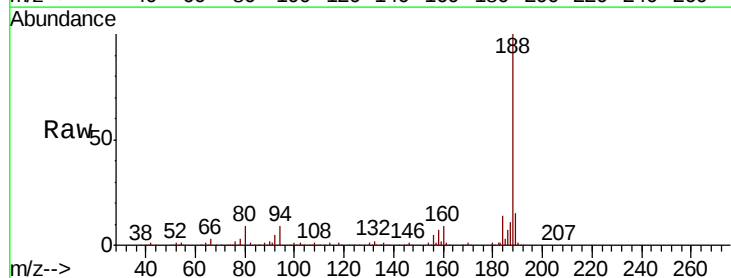
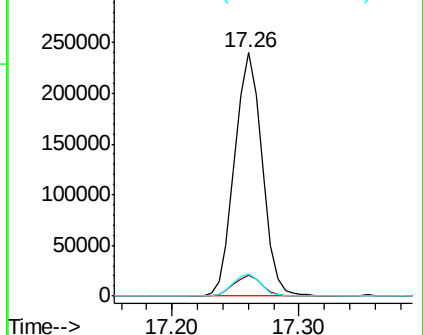
Acq: 24 Feb 2020 11:16

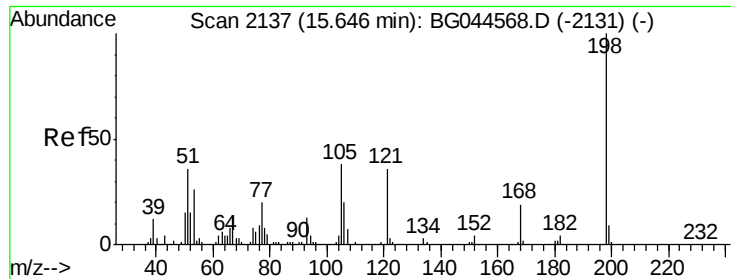
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	9.1	7.6	11.4

Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.968 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tot Ion:198 Resp: 17881

Ion Ratio Lower Upper

198 100

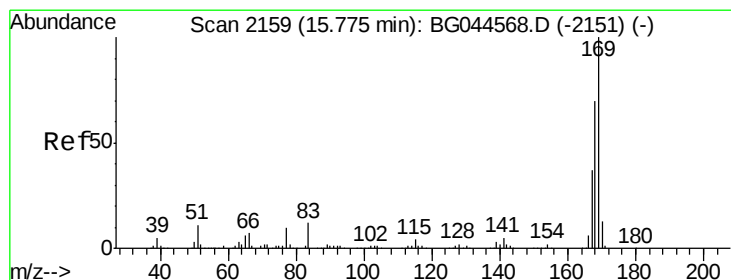
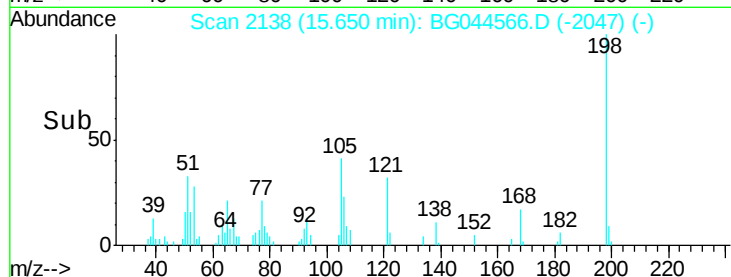
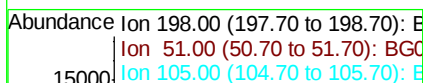
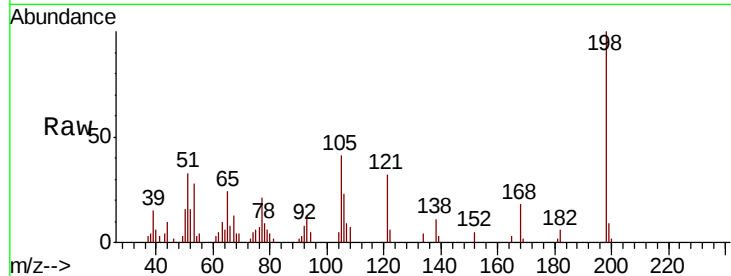
51 32.5 17.0 57.0

105 41.3 18.4 58.4

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 12.293 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

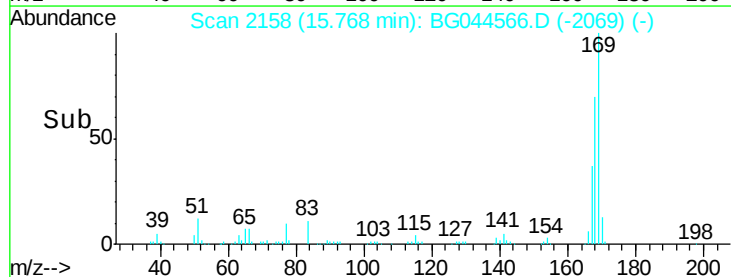
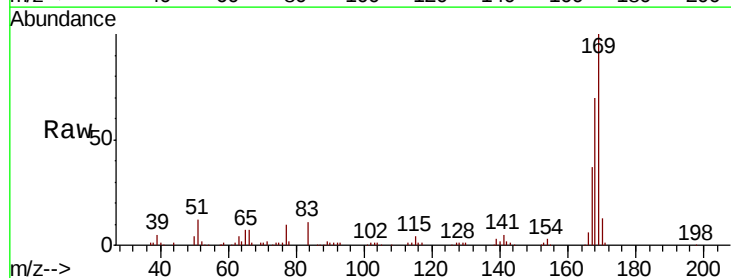
Tgt Ion:169 Resp: 124443

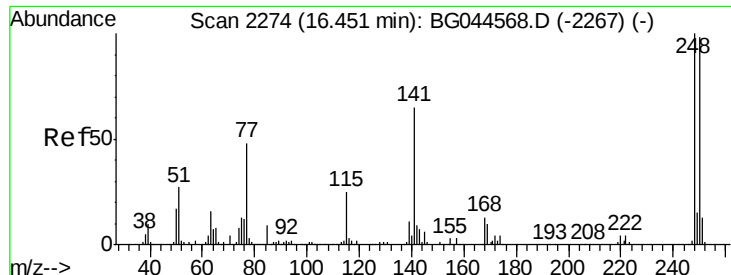
Ion Ratio Lower Upper

169 100

168 70.1 56.1 84.1

167 37.2 29.4 44.0





#67
 4-Bromophenyl-phenylether
 Concen: 11.848 ng
 RT: 16.45 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

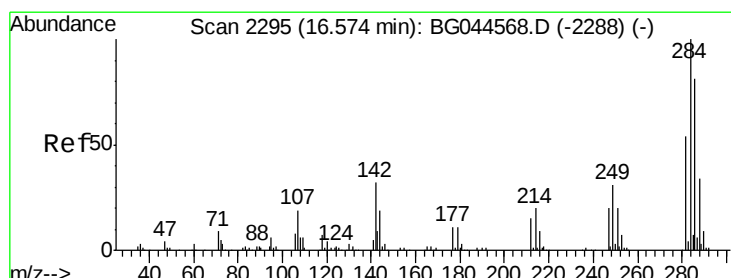
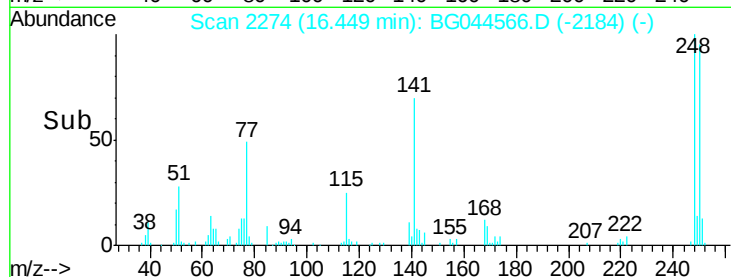
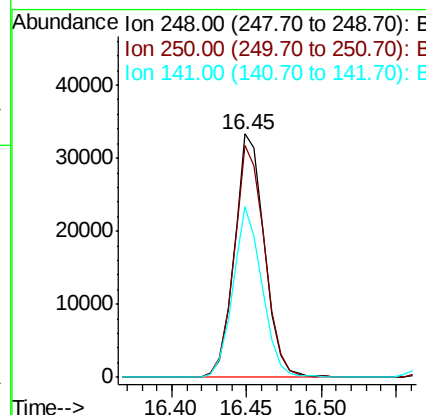
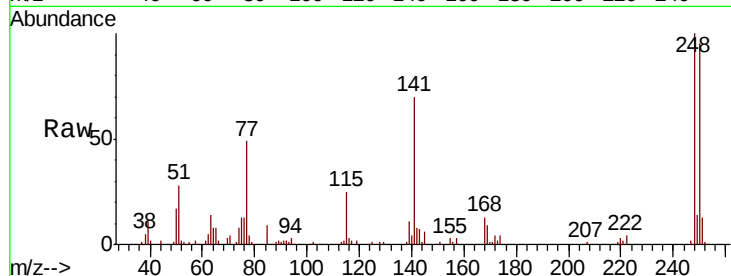
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.2	78.7	118.1
141	70.2	52.3	78.5

Manual Integrations
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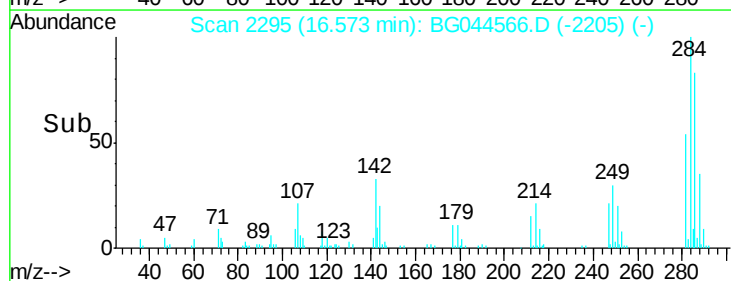
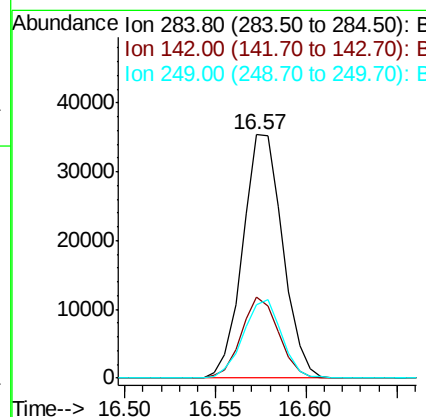
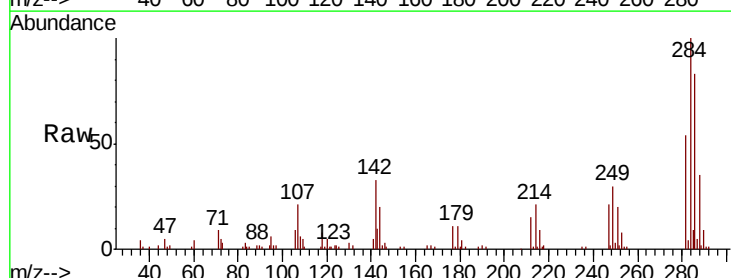
mohammad

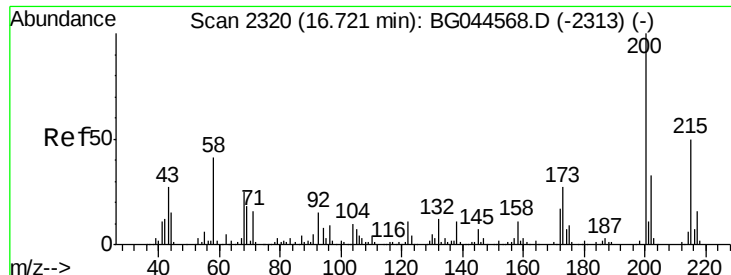
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#68
 Hexachlorobenzene
 Concen: 12.276 ng
 RT: 16.57 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.6	38.4
249	29.9	24.6	36.8





#69

Atrazine

Concen: 13.205 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

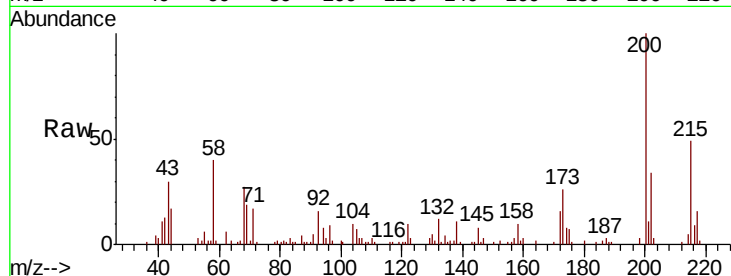
SSTDIC010

Tot Ion:	200	Resp:	45816
Ion Ratio	Lower	Upper	
200	100		
173	26.2	6.6	46.6
215	49.2	30.3	70.3

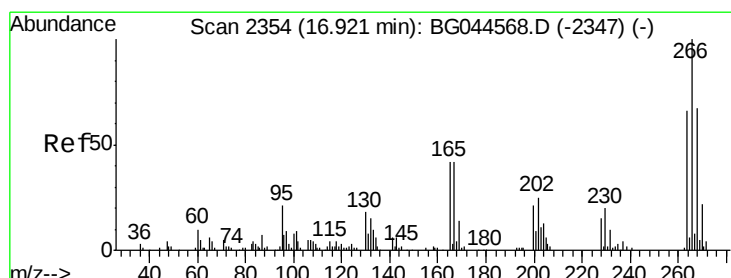
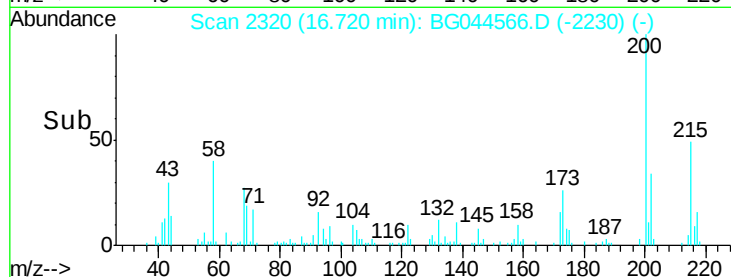
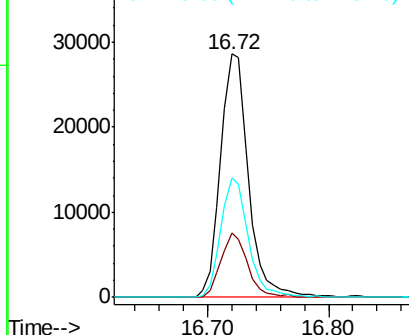
Manual Integrations
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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 6.097 ng

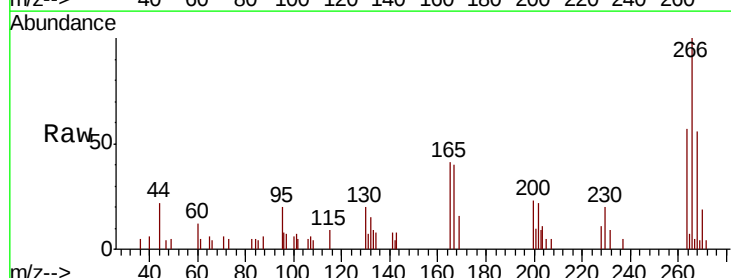
RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

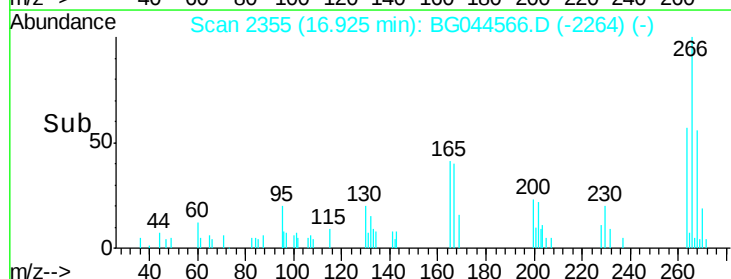
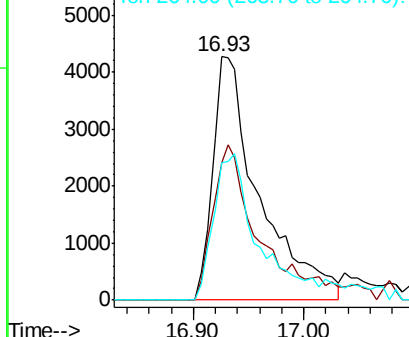
Lab File: BG044566.D

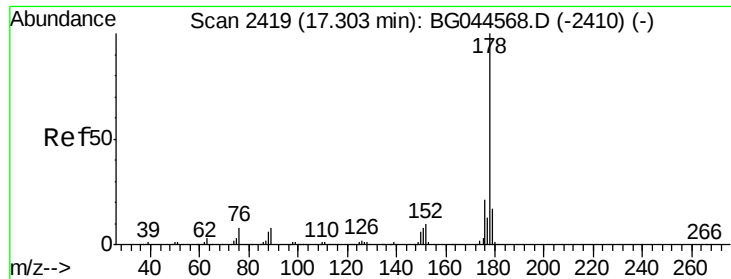
Acq: 24 Feb 2020 11:16

Tgt Ion:	266	Resp:	12457
Ion Ratio	Lower	Upper	
266	100		
268	56.5	53.4	80.0
264	56.6	53.0	79.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71
Phenanthrene
Concen: 13.050 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

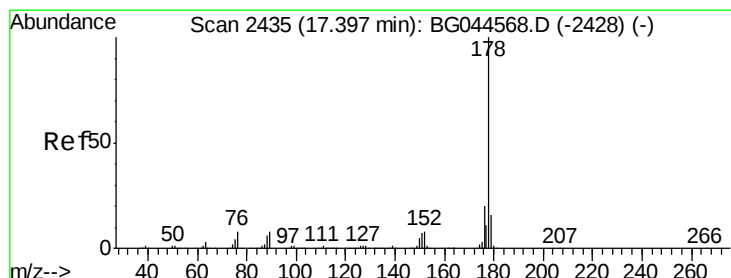
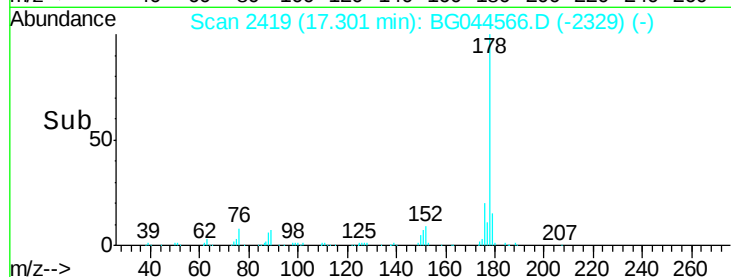
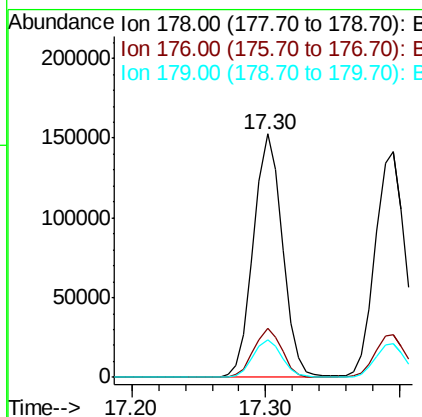
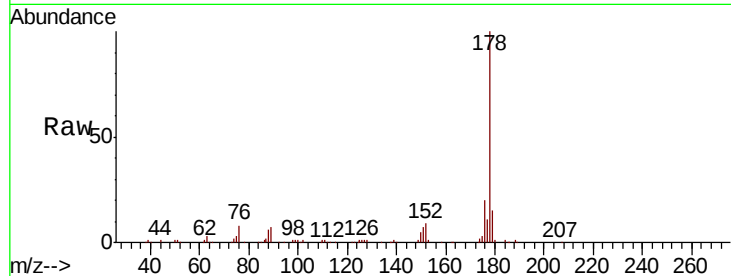
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.4	13.3	19.9

Manual Integrations
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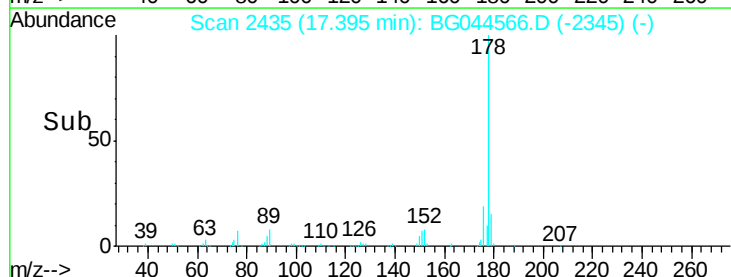
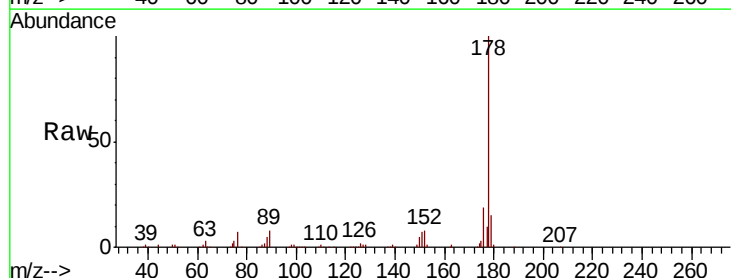
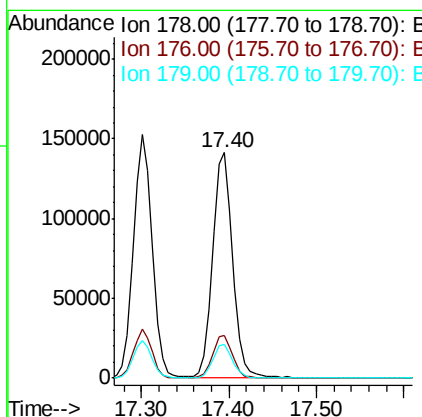
mohammad

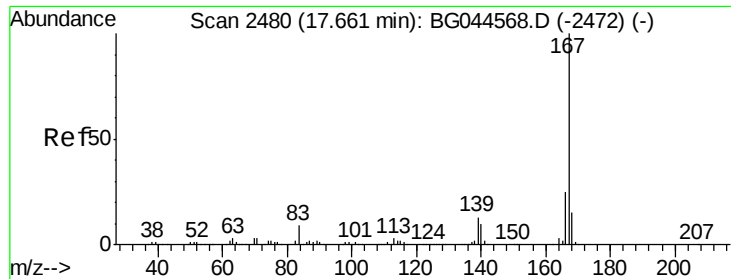
2/25/2020 4:18:49 PM



#72
Anthracene
Concen: 12.993 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.1	13.1	19.7





#73
 Carbazole
 Concen: 12.350 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

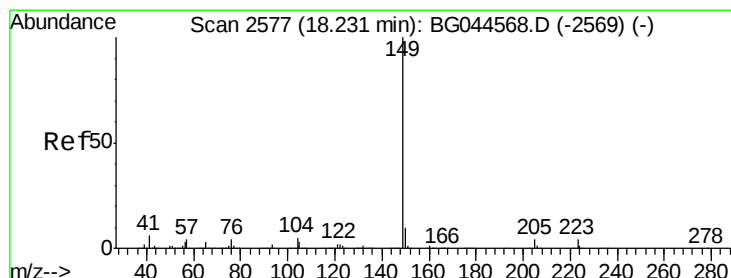
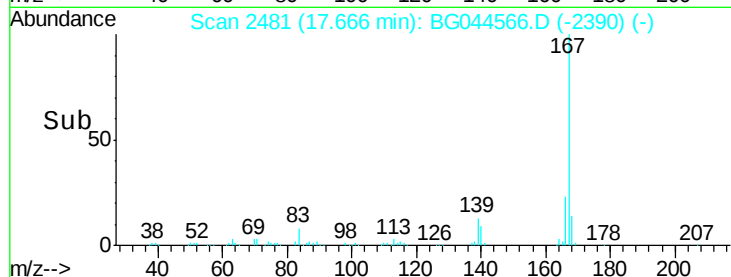
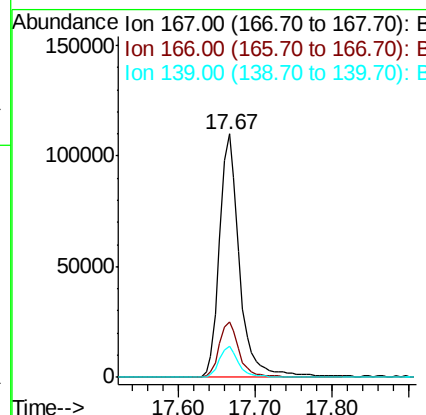
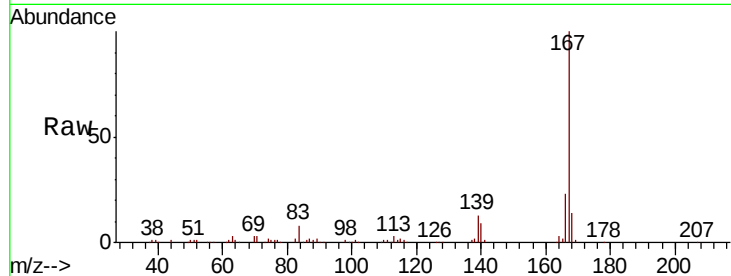
Instrument :
 BNA_G
 ClientSampled :
 SSTDICC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.8	19.7	29.5		
139	12.7	10.6	15.8		

Manual Integrations
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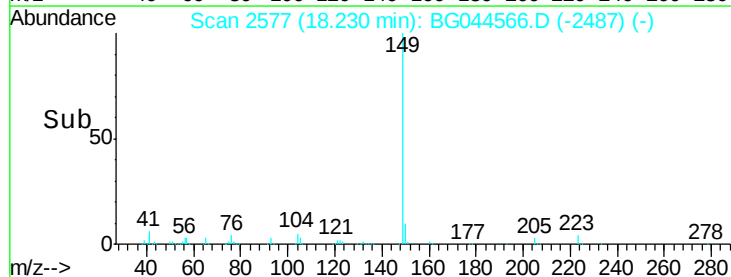
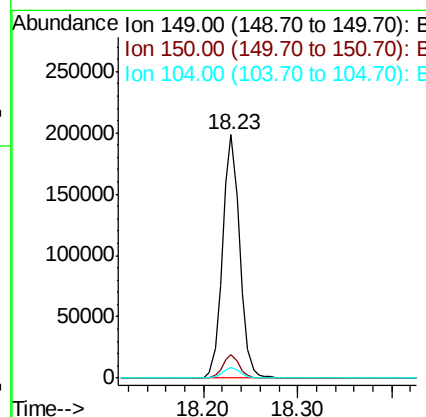
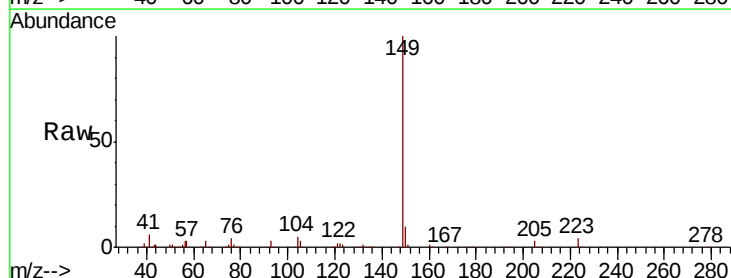
mohammad

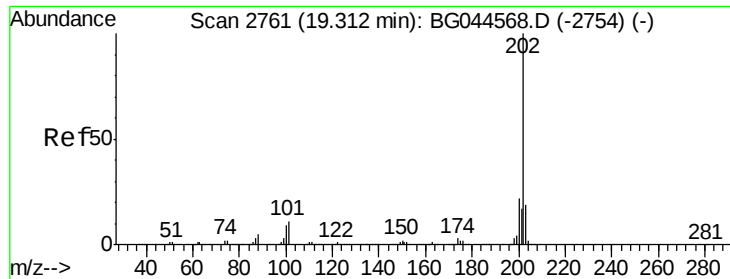
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#74
 Di-n-butylphthalate
 Concen: 12.846 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044566.D
 Acq: 24 Feb 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.7	7.8	11.8		
104	4.6	4.0	6.0		





#75

Fluoranthene

Concen: 13.454 ng

RT: 19.32 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

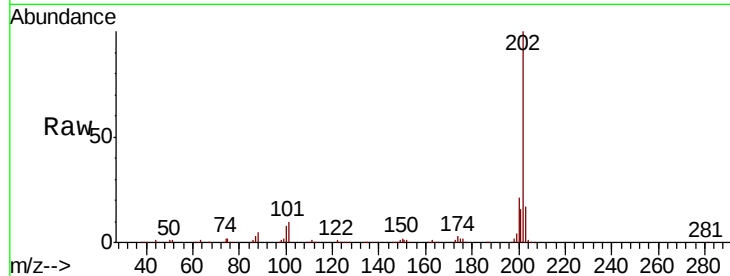
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
202	100	272225		
101	10.1	0.0	31.0	
203	16.9	0.0	39.2	

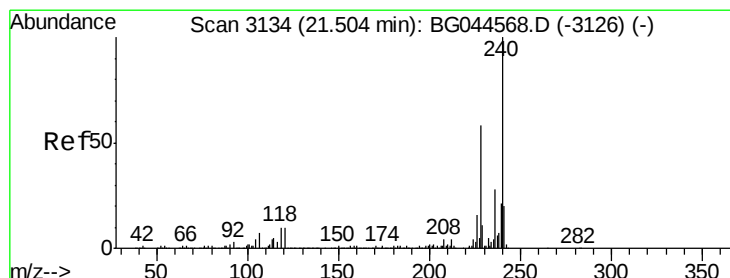
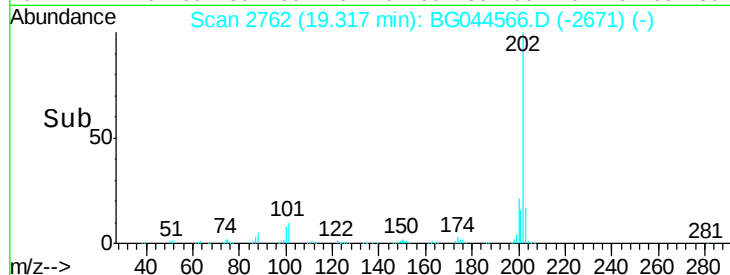
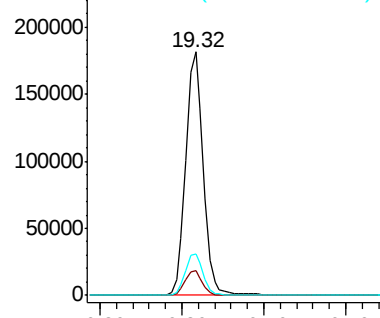
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

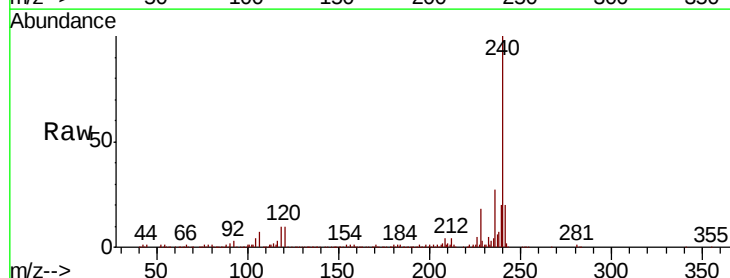
RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

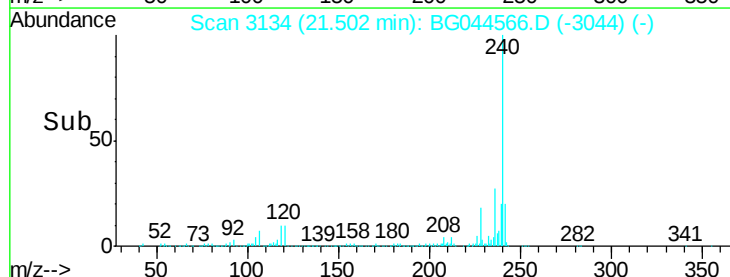
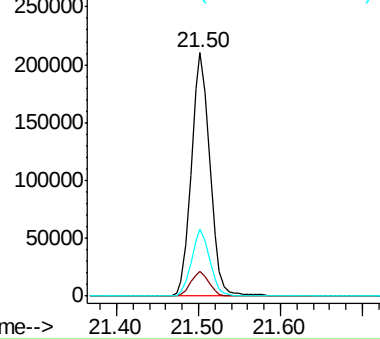
Lab File: BG044566.D

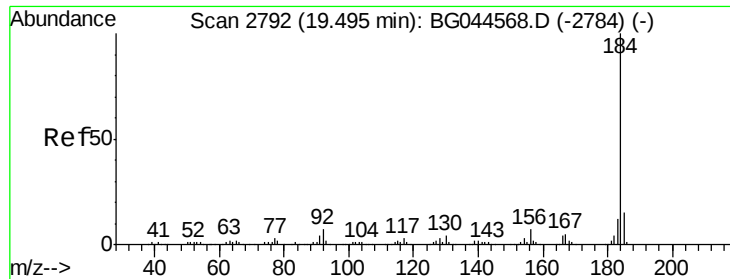
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	333607		
120	10.3	8.3	12.5	
236	27.3	22.3	33.5	



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: 11.778 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

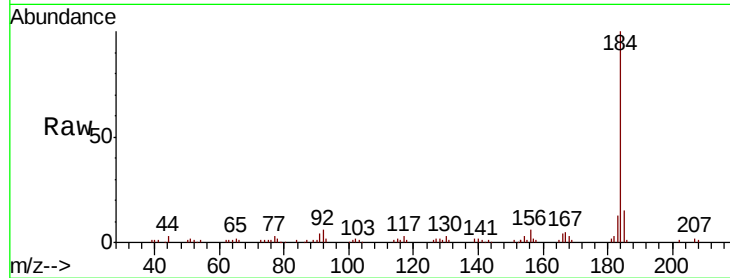
SSTDIC010

Tot Ion:	184	Resp:	108984
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.4
183	13.0	9.9	14.9

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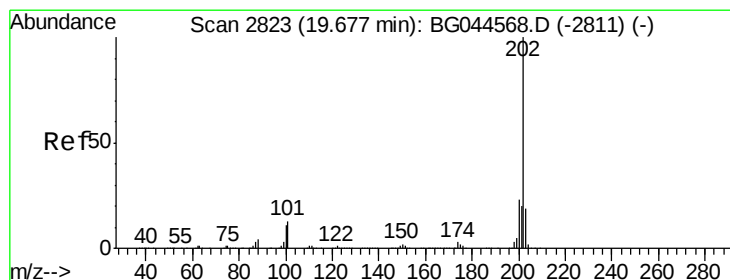
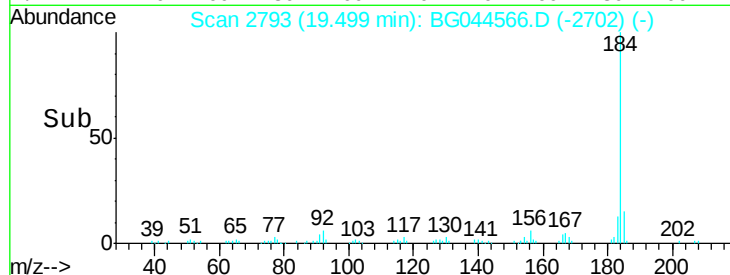
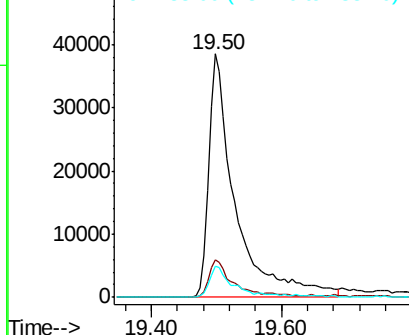


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 13.121 ng

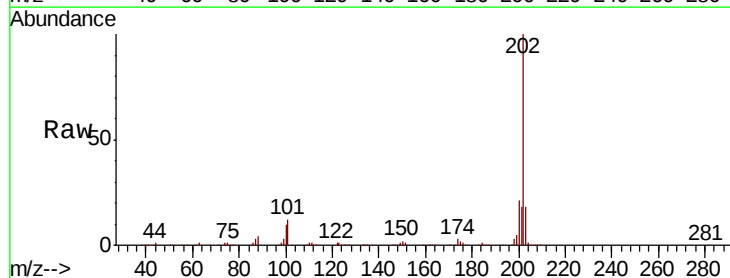
RT: 19.67 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	202	Resp:	281102
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.6	28.0
203	18.0	15.3	22.9

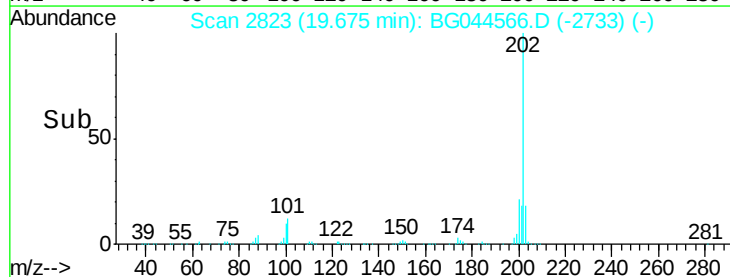
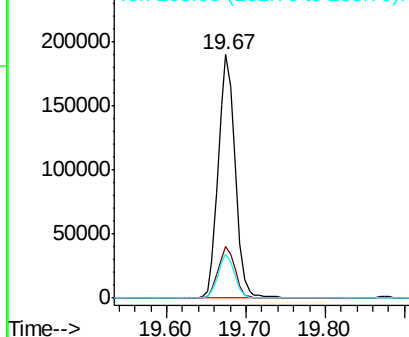


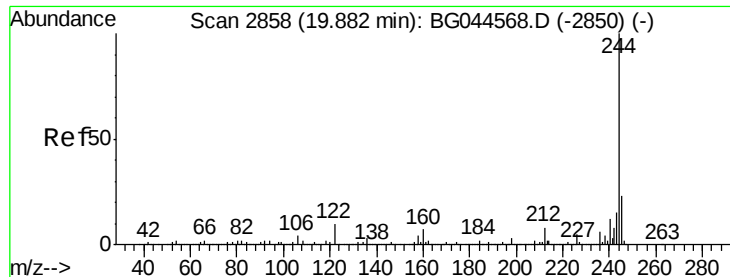
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 27.106 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

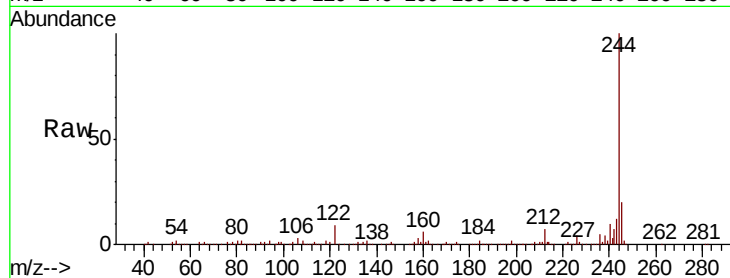
SSTDICC010

Tot Ion:	244	Resp:	439642
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.5	9.7
122	9.2	8.2	12.4

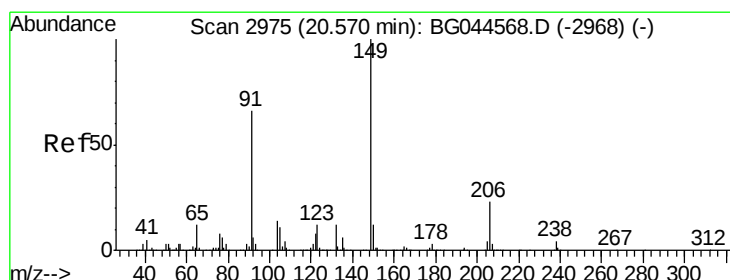
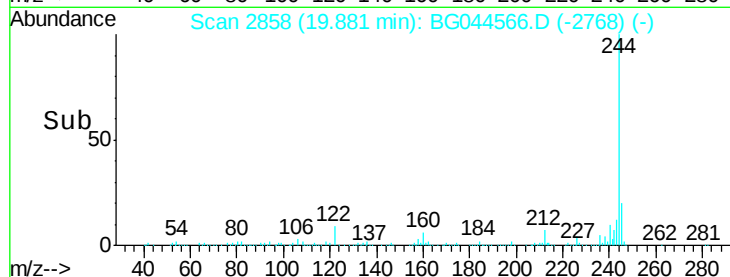
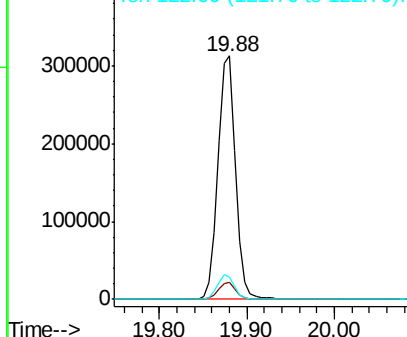
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 11.530 ng

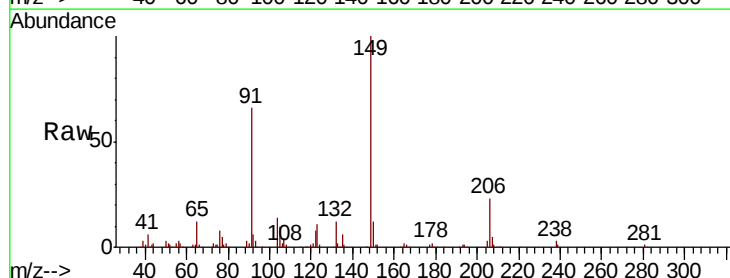
RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

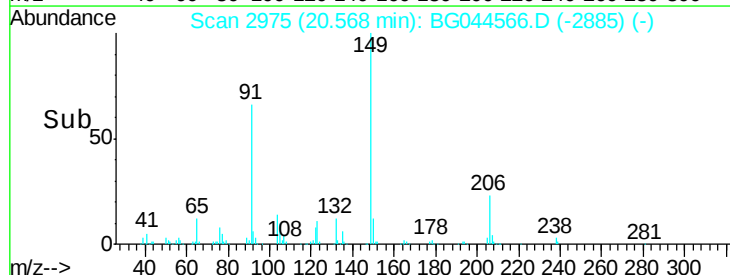
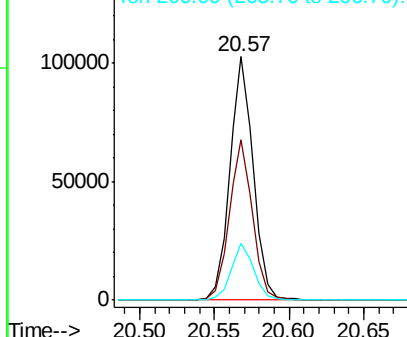
Lab File: BG044566.D

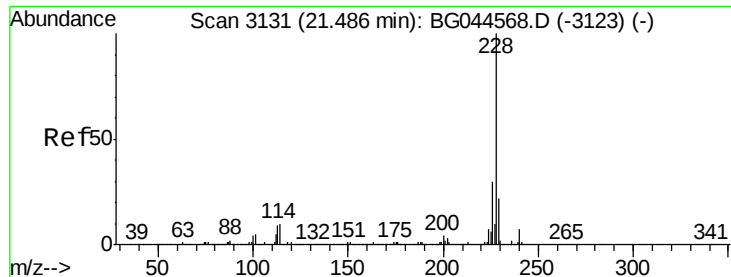
Acq: 24 Feb 2020 11:16

Tgt Ion:	149	Resp:	112566
Ion Ratio	Lower	Upper	
149	100		
91	65.7	52.7	79.1
206	23.0	18.6	28.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81
Benzo(a)anthracene
Concen: 12.775 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

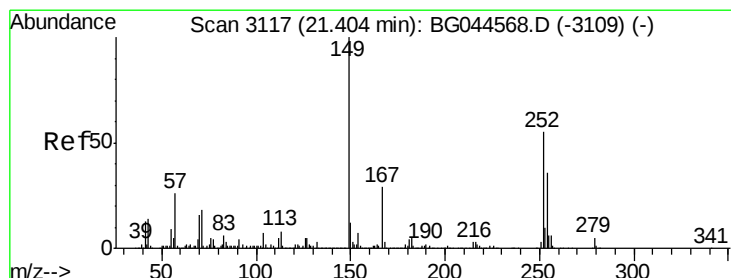
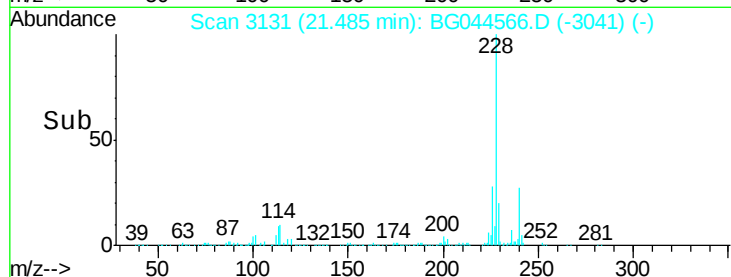
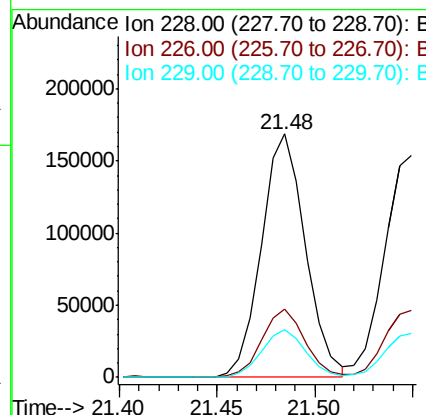
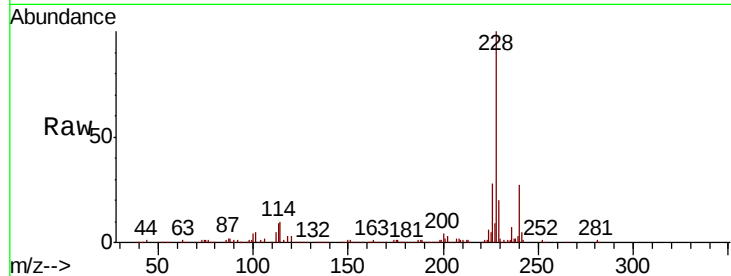
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.8	35.8
229	19.6	17.2	25.8

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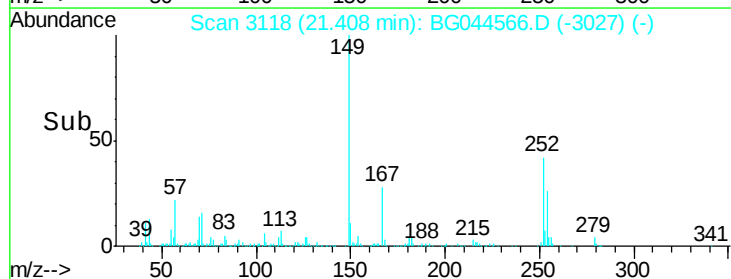
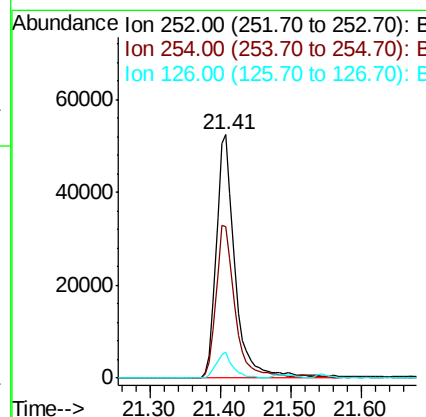
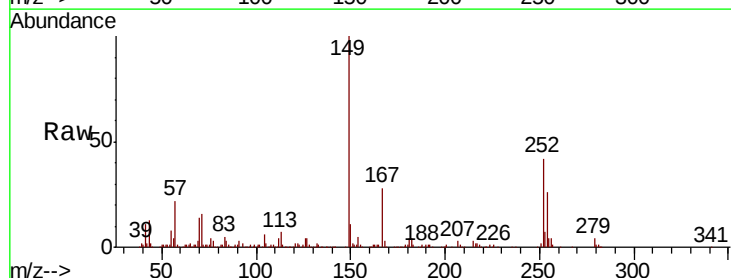
mohammad

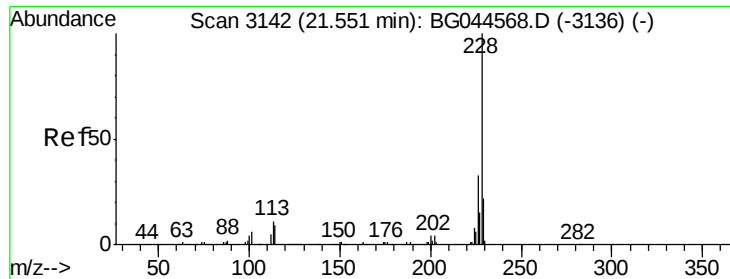
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#82
3,3'-Dichlorobenzidine
Concen: 12.223 ng
RT: 21.41 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.5	77.3
126	10.5	7.8	11.6





#83
Chrysene
Concen: 13.033 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

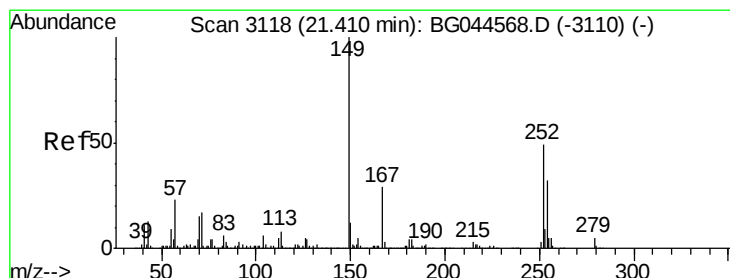
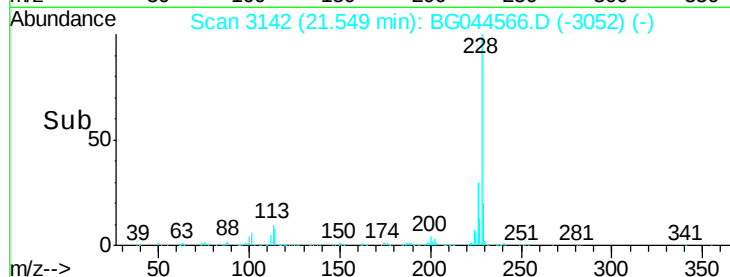
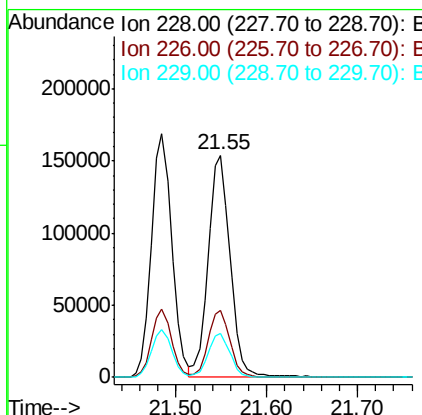
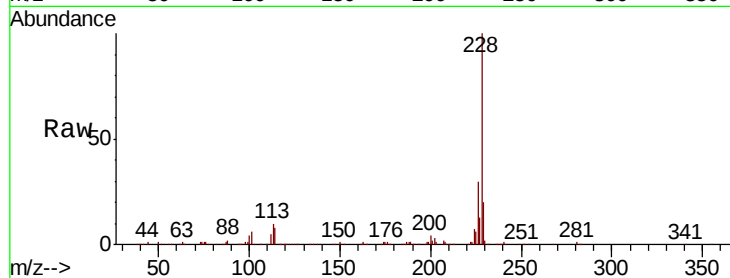
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion:	228	Resp:	259006
Ion Ratio	Lower	Upper	
228	100		
226	30.2	26.1	39.1
229	19.9	17.2	25.8

Manual Integrations
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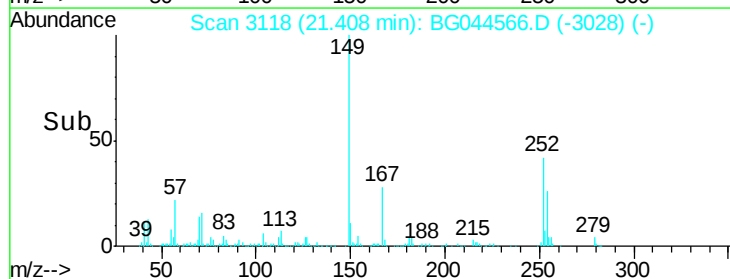
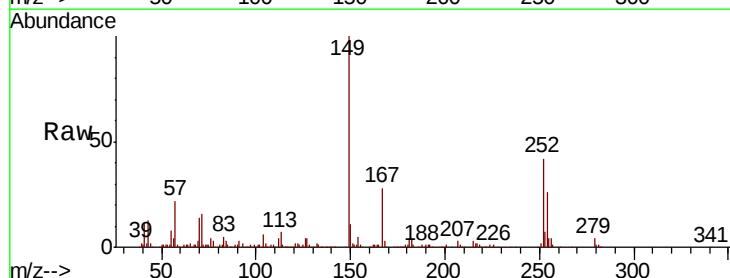
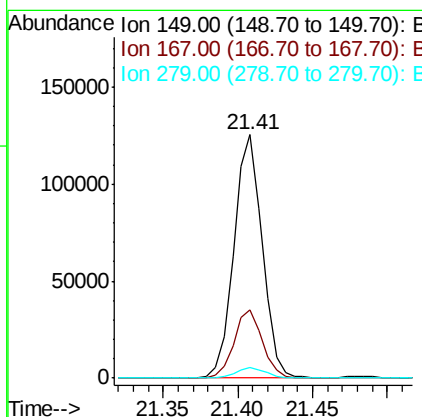
mohammad

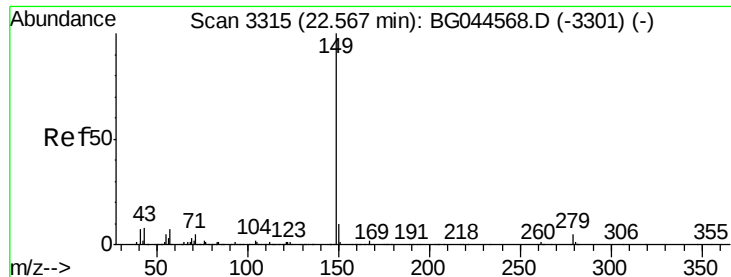
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#84
Bis(2-ethylhexyl)phthalate
Concen: 12.251 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion:	149	Resp:	164638
Ion Ratio	Lower	Upper	
149	100		
167	27.9	23.4	35.0
279	4.5	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 11.959 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

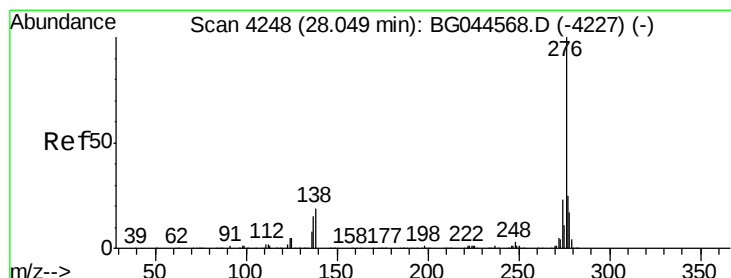
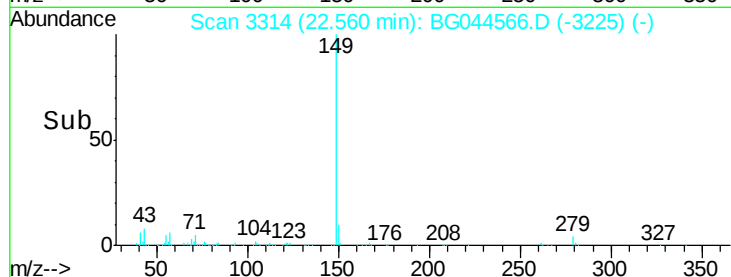
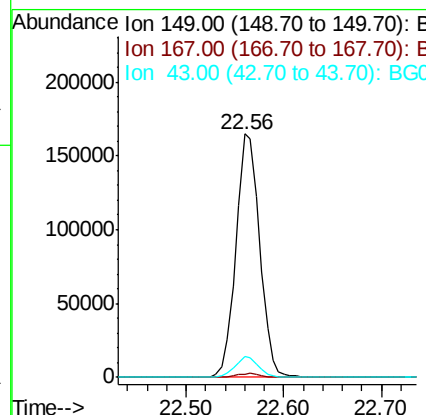
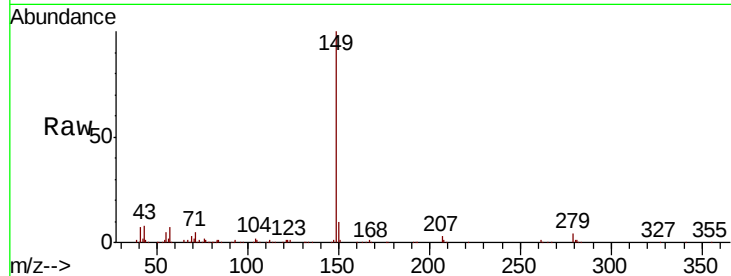
SSTDICC010

Tot Ion:	149	Resp:	278053
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.0	6.6	10.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 11.409 ng

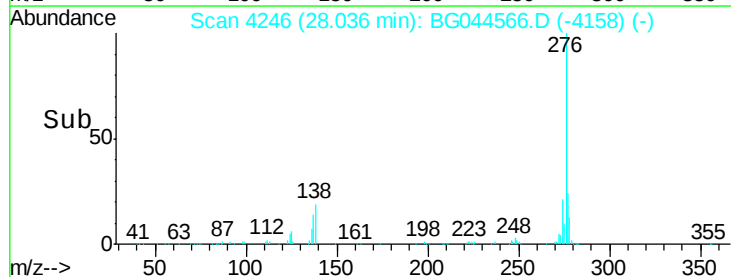
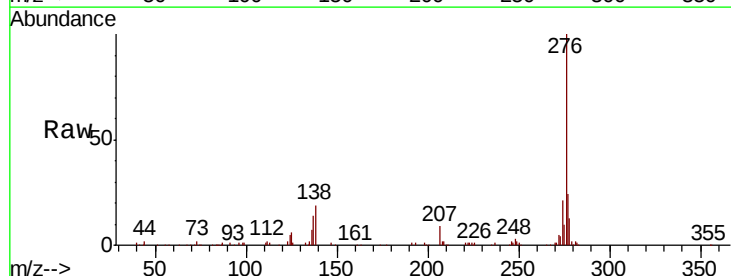
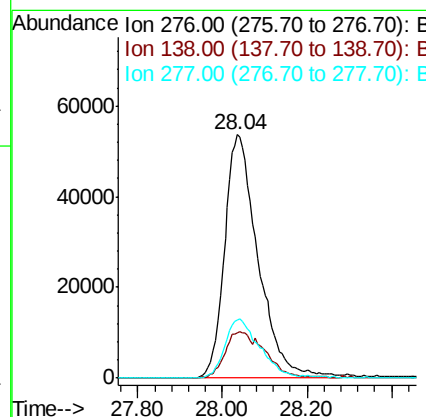
RT: 28.04 min Scan# 4246

Delta R.T. -0.01 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Tgt Ion:	276	Resp:	295820
Ion Ratio		Lower	Upper
276	100		
138	14.3	18.2	27.4#
277	25.1	20.7	31.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.58 min Scan# 3657

Delta R.T. 0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

Instrument :

BNA_G

ClientSampleId :

SSTDIC010

Tot Ion:264 Resp: 381471

Ion Ratio Lower Upper

264 100

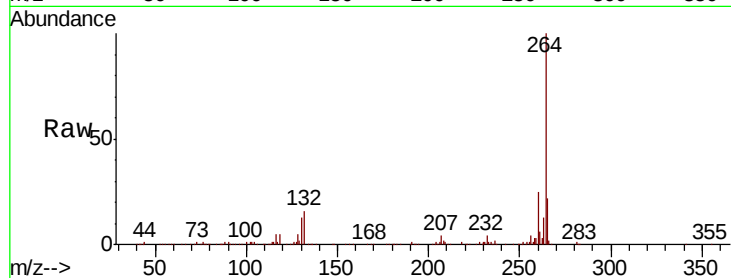
260 25.4 19.7 29.5

265 21.7 17.8 26.8

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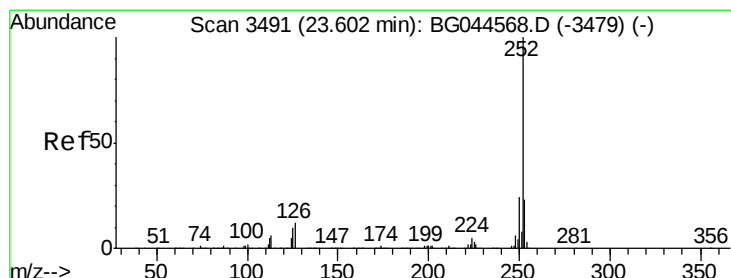
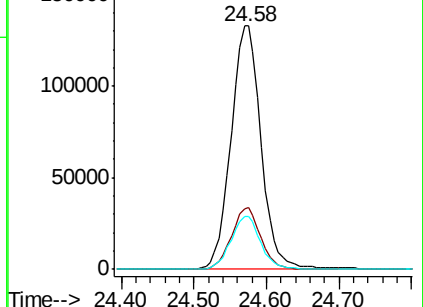
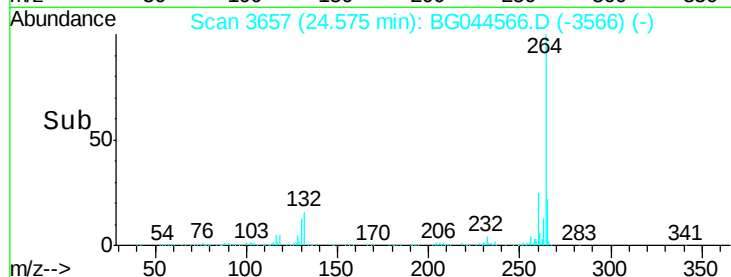
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 12.241 ng

RT: 23.60 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BG044566.D

Acq: 24 Feb 2020 11:16

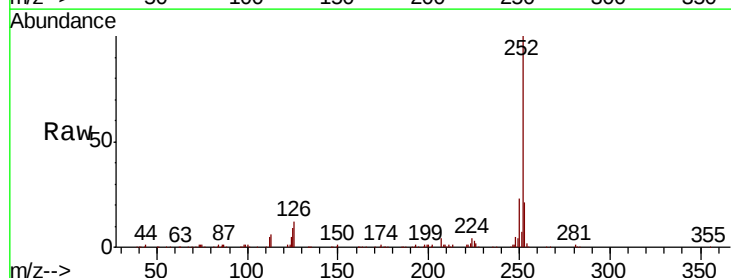
Tgt Ion:252 Resp: 269069

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

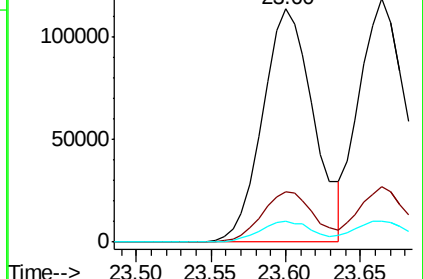
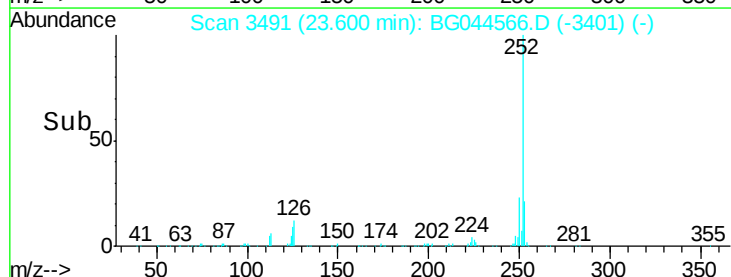
125 9.0 7.9 11.9

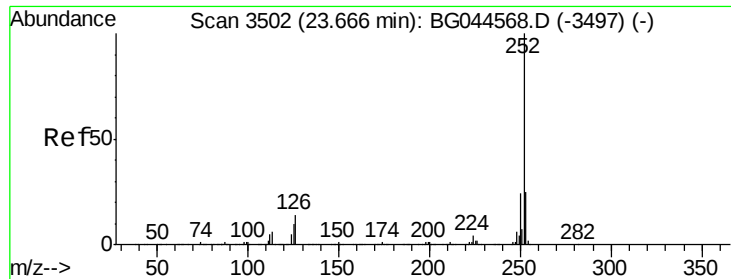


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
Benzo(k)fluoranthene
Concen: 12.458 ng
RT: 23.66 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

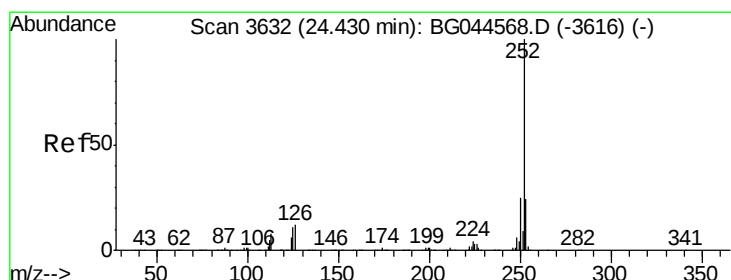
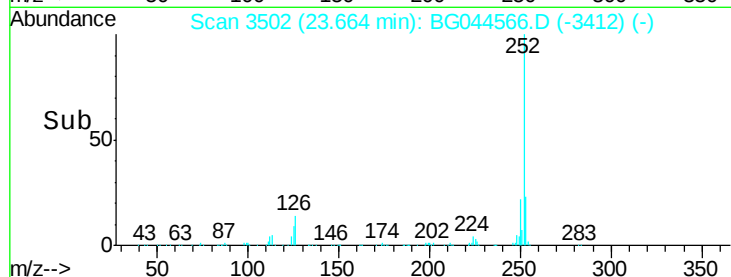
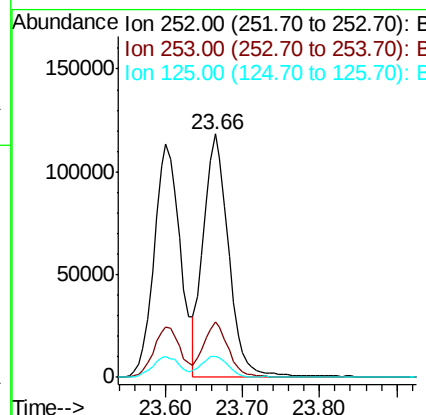
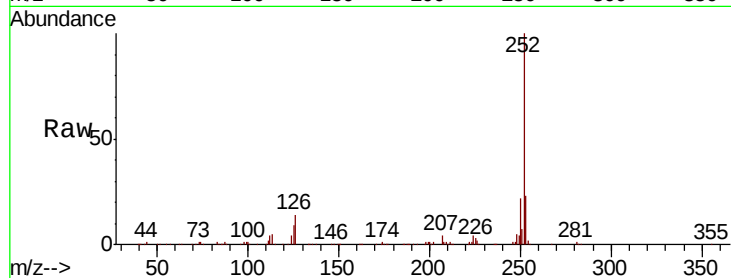
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.6
125	8.9	7.8	11.8

Manual Integrations
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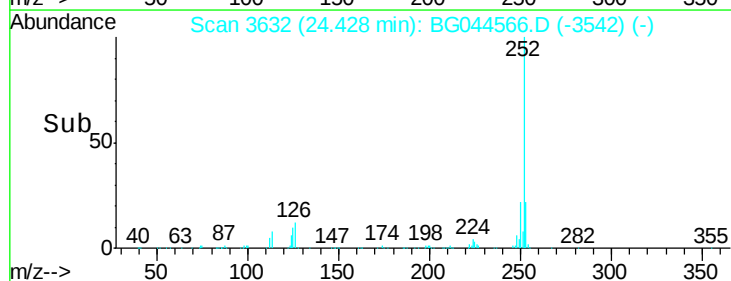
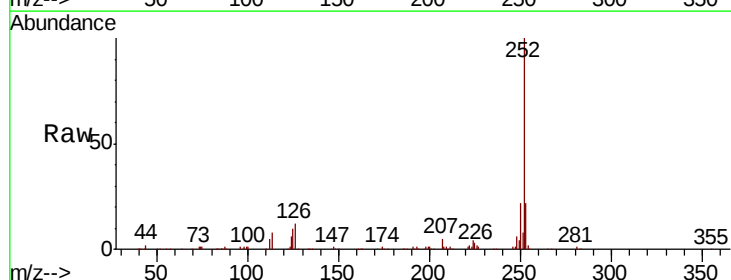
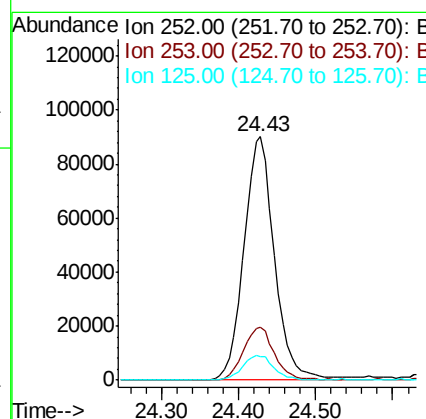
mohammad

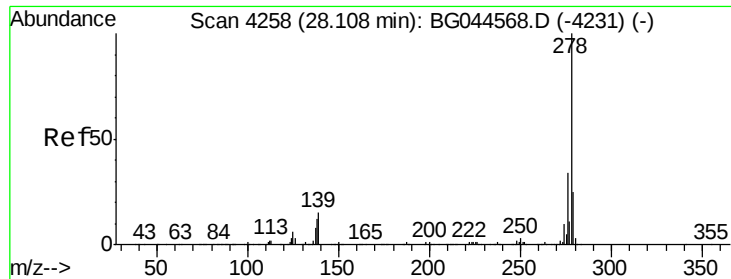
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#90
Benzo(a)pyrene
Concen: 11.988 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.0	28.4
125	9.7	8.5	12.7





#91
Dibenzo(a,h)anthracene
Concen: 11.521 ng
RT: 28.09 min Scan# 4256
Delta R.T. -0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

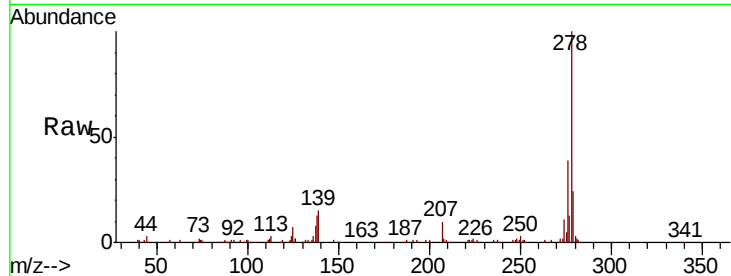
Instrument :
BNA_G
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	24.0	19.8	29.6

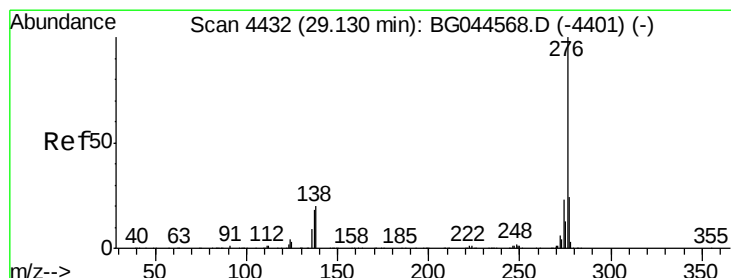
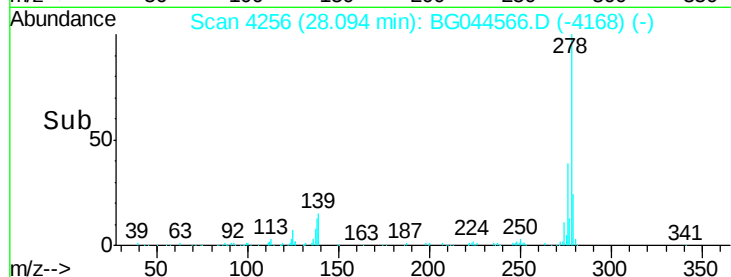
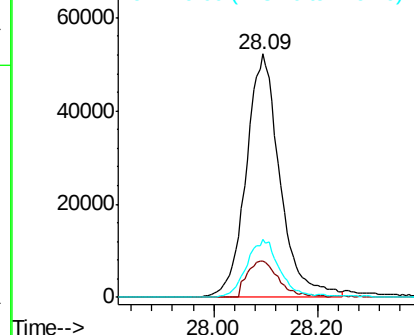
Manual Integrations
APPROVED

mohammad

2/25/2020 4:18:49 PM

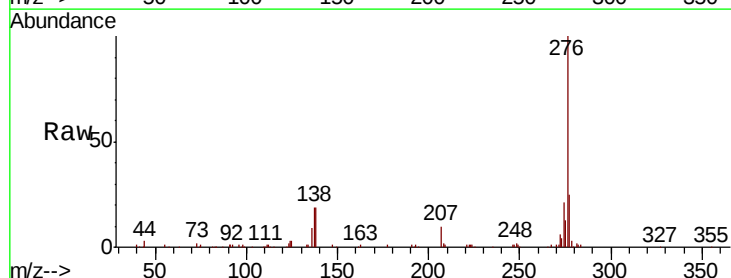


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 11.654 ng
RT: 29.12 min Scan# 4430
Delta R.T. -0.01 min
Lab File: BG044566.D
Acq: 24 Feb 2020 11:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.5	29.3
138	19.2	16.1	24.1



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

