

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031920\
 Data File : BG044906.D
 Acq On : 19 Mar 2020 20:55
 Operator : CG/JU
 Sample : L1964-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Manual Integrations
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mohammad
 3/20/2020 11:48:06 AM

Quant Time: Mar 20 02:20:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87950	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	337025	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	231618	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	530032	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	480302	20.00	ng	-0.01
87) Perylene-d12	24.90	264	561186	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	650167	115.08	ng	0.00
7) Phenol-d6	7.21	99	813012	99.04	ng	0.00
23) Nitrobenzene-d5	9.20	82	647806	84.35	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	410212	135.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1324224	81.87	ng	0.00
79) Terphenyl-d14	20.03	244	2154216	83.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	93735	34.453	ng	# 25
3) Pyridine	3.93	79	213324	26.486	ng	98
4) n-Nitrosodimethylamine	3.83	42	128308	41.987	ng	100
6) Aniline	7.36	93	117537	11.507	ng	98
8) 2-Chlorophenol	7.61	128	269981	47.869	ng	98
9) Benzaldehyde	7.18	77	223095	46.799	ng	96
10) Phenol	7.23	94	301182	37.060	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	263223	40.584	ng	97
12) 1,3-Dichlorobenzene	7.93	146	275954	39.719	ng	98
13) 1,4-Dichlorobenzene	8.08	146	280533	40.843	ng	95
14) 1,2-Dichlorobenzene	8.40	146	261894	40.204	ng	98
15) Benzyl Alcohol	8.28	79	278818	42.333	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	386604	33.777	ng	97
17) 2-Methylphenol	8.49	107	240104	43.616	ng	96
18) Hexachloroethane	9.13	117	108543	40.139	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	223602	38.577	ng	99
20) 3+4-Methylphenols	8.81	107	320604	42.248	ng	96
22) Acetophenone	8.86	105	414013	43.362	ng	99
24) Nitrobenzene	9.24	77	349559	43.863	ng	99
25) Isophorone	9.77	82	625780	41.747	ng	99
26) 2-Nitrophenol	9.96	139	148809	53.122	ng	98
27) 2,4-Dimethylphenol	10.02	122	250886	51.395	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	354476	39.625	ng	98
29) 2,4-Dichlorophenol	10.50	162	273024	47.885	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	291985	42.829	ng	96
31) Naphthalene	10.90	128	803888	43.059	ng	99
32) Benzoic acid	10.16	122	138889	38.835	ng	97
33) 4-Chloroaniline	11.00	127	17668	2.101	ng	93
34) Hexachlorobutadiene	11.20	225	189087	42.176	ng	97
35) Caprolactam	11.77	113	67988m	31.494	ng	
36) 4-Chloro-3-methylphenol	12.12	107	300411	44.178	ng	98
37) 2-Methylnaphthalene	12.51	142	596023	42.678	ng	96
38) 1-Methylnaphthalene	12.72	142	566552	43.151	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	319591	41.898	ng	99

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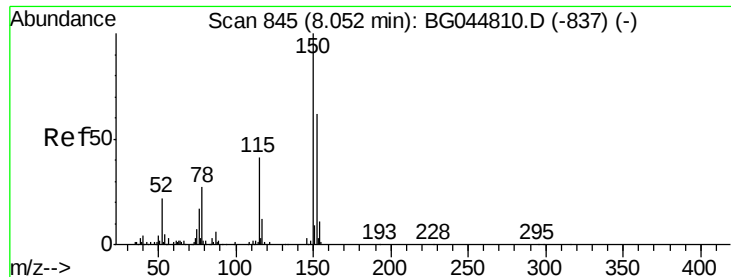
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	392780	94.222	nq	96
43) 2,4,6-Trichlorophenol	13.10	196	235053	46.433	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	245200	46.706	nq	94
46) 1,1'-Biphenyl	13.51	154	749538	40.496	nq	98
47) 2-Chloronaphthalene	13.55	162	585583	41.415	nq	98
48) 2-Nitroaniline	13.75	65	210296	42.483	nq	98
49) Acenaphthylene	14.40	152	952543	43.002	nq	98
50) Dimethylphthalate	14.13	163	775477	42.037	nq	99
51) 2,6-Dinitrotoluene	14.24	165	169841	45.676	nq	96
52) Acenaphthene	14.74	154	688492	47.459	nq	99
53) 3-Nitroaniline	14.57	138	28009	6.552	nq	88
54) 2,4-Dinitrophenol	14.77	184	201145	101.073	nq	93
55) Dibenzofuran	15.07	168	899904	42.776	nq	99
56) 4-Nitrophenol	14.88	139	261973	80.295	nq	94
57) 2,4-Dinitrotoluene	15.03	165	248595	48.747	nq	98
58) Fluorene	15.73	166	740438	42.786	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	233114	48.230	nq	95
60) Diethylphthalate	15.50	149	781682	40.627	nq	100
61) 4-Chlorophenyl-phenylether	15.72	204	399930	42.919	nq	99
62) 4-Nitroaniline	15.73	138	161425	35.412	nq	99
63) Azobenzene	16.01	77	776661	38.871	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	143787	56.095	nq	99
66) n-Nitrosodiphenylamine	15.92	169	662787	41.534	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	274098	41.366	nq	97
68) Hexachlorobenzene	16.74	284	302144	42.031	nq	99
69) Atrazine	16.88	200	264287	45.204	nq	98
70) Pentachlorophenol	17.07	266	374097	94.581	nq	97
71) Phenanthrene	17.46	178	1186469	41.889	nq	99
72) Anthracene	17.55	178	1204520	43.128	nq	99
73) Carbazole	17.82	167	1130681	42.146	nq	99
74) Di-n-butylphthalate	18.39	149	1340405	41.101	nq	99
75) Fluoranthene	19.47	202	1483976	44.003	nq	99
77) Benzidine	19.64	184	284311	18.234	nq	96
78) Pyrene	19.83	202	1465623	41.592	nq	98
80) Butylbenzylphthalate	20.72	149	632237	40.330	nq	99
81) Benzo(a)anthracene	21.67	228	1441109	41.668	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	140579	10.507	nq	99
83) Chrysene	21.74	228	1363497	41.272	nq	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	877707	40.567	nq	99
85) Di-n-octyl phthalate	22.81	149	1485464	41.029	nq	99
86) Indeno(1,2,3-cd)pyrene	28.53	276	1858960	42.920	nq	# 94
88) Benzo(b)fluoranthene	23.88	252	1571503	42.418	nq	100
89) Benzo(k)fluoranthene	23.95	252	1474187	42.047	nq	99
90) Benzo(a)pyrene	24.74	252	1428310	41.202	nq	97
91) Dibenzo(a,h)anthracene	28.61	278	1491061	43.598	nq	97
92) Benzo(g,h,i)perylene	29.68	276	1533314	44.375	nq	96

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



#1

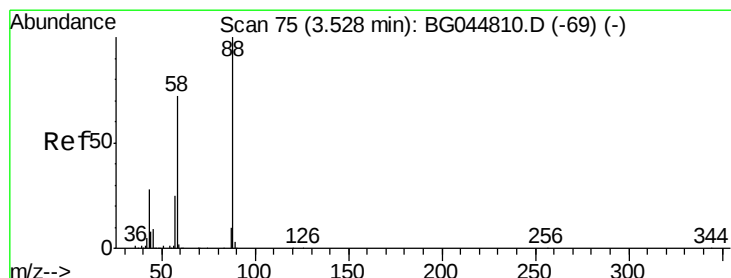
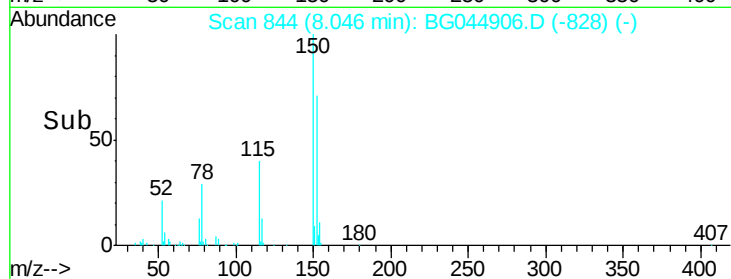
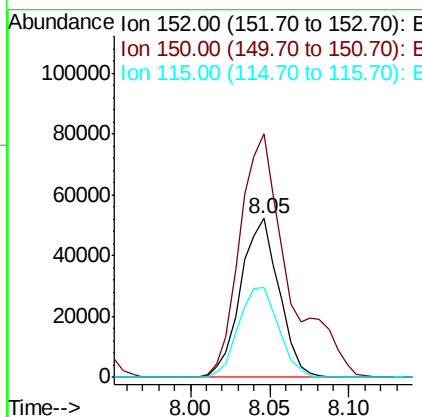
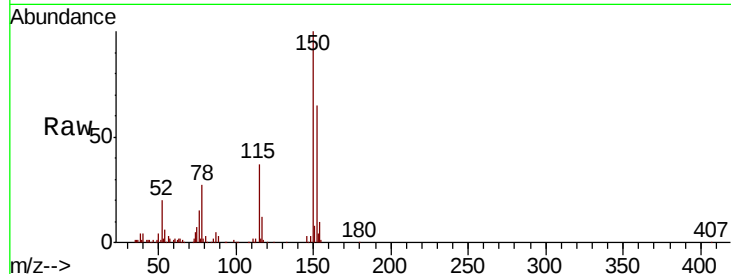
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	128.8	193.2
115	56.6	52.6	79.0

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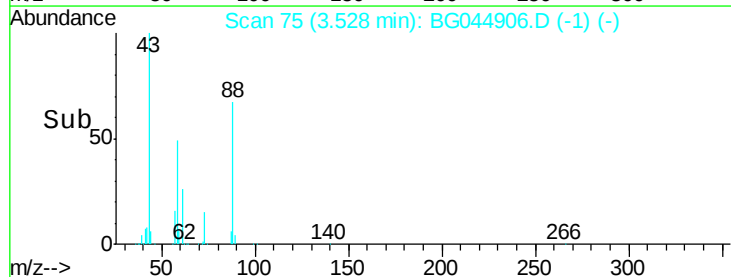
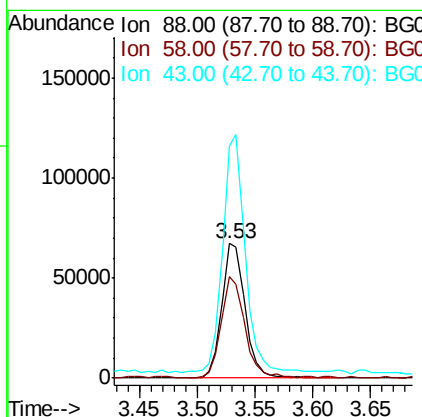
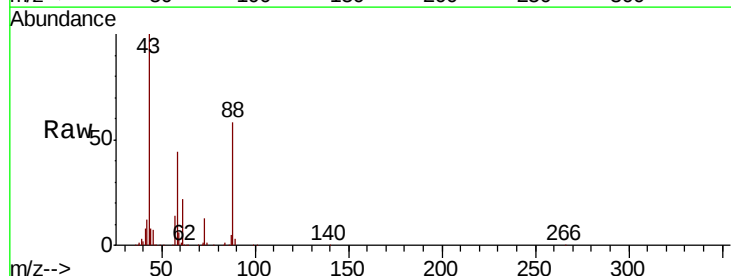
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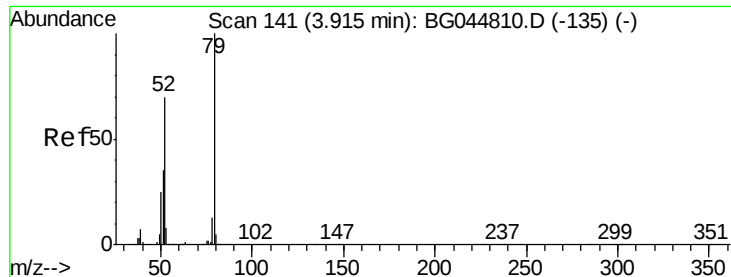


#2

1,4-Dioxane
Concen: 34.453 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	63.0	94.4
43	170.4	24.8	37.2#





#3

Pvridine

Concen: 26.486 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

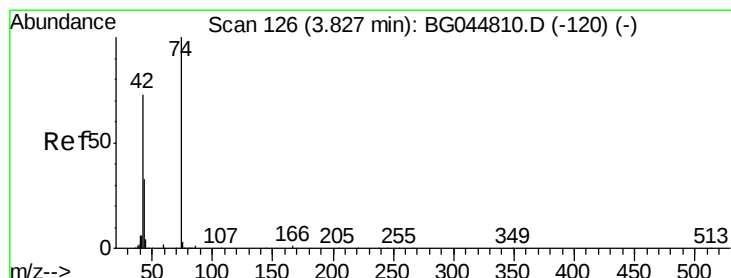
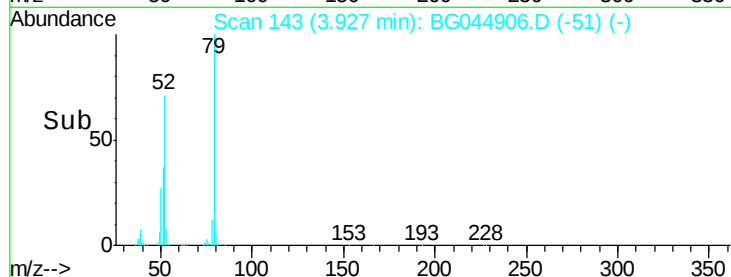
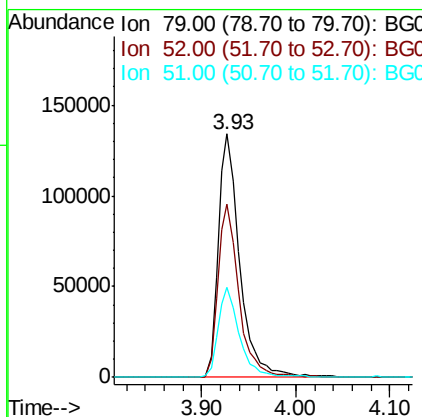
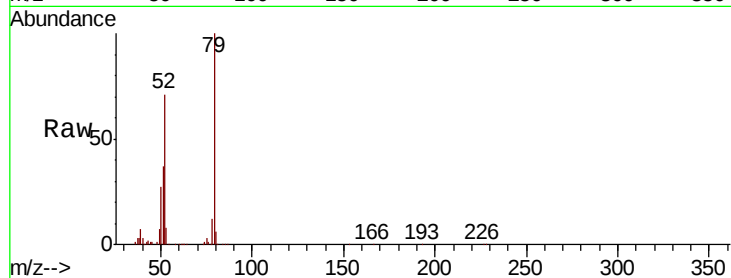
ClientSampleId :

2000448388MSD

Tot Ion:	79	Resp:	213324
Ion Ratio	Lower	Upper	
79	100		
52	71.1	56.3	84.5
51	37.1	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 41.987 ng

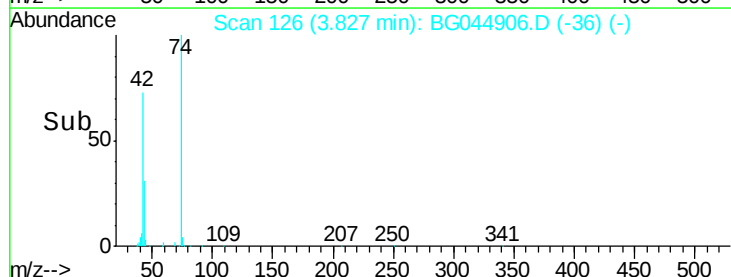
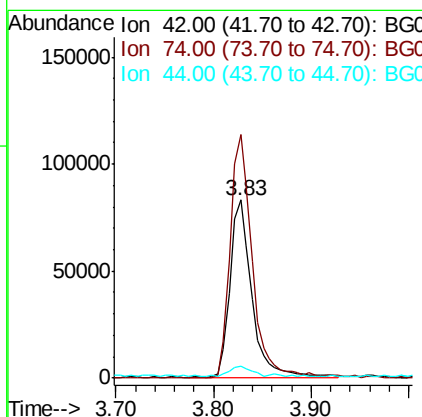
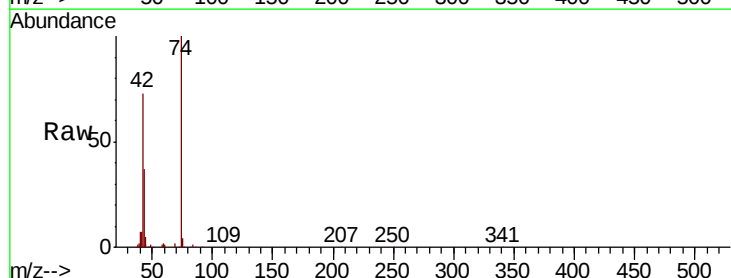
RT: 3.83 min Scan# 126

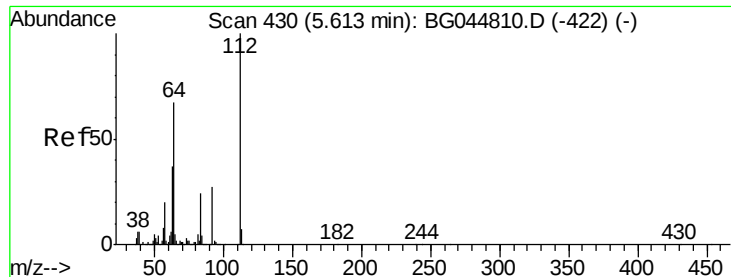
Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	42	Resp:	128308
Ion Ratio	Lower	Upper	
42	100		
74	136.9	109.1	163.7
44	6.5	5.4	8.2





#5

2-Fluorophenol

Concen: 115.078 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

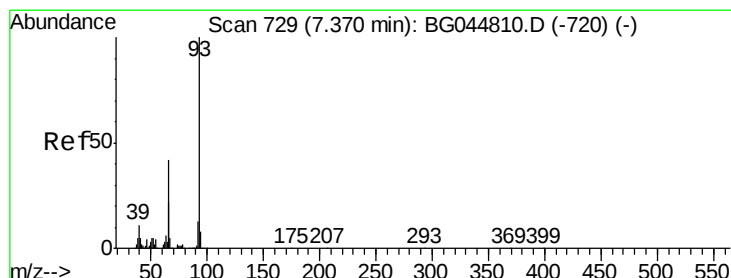
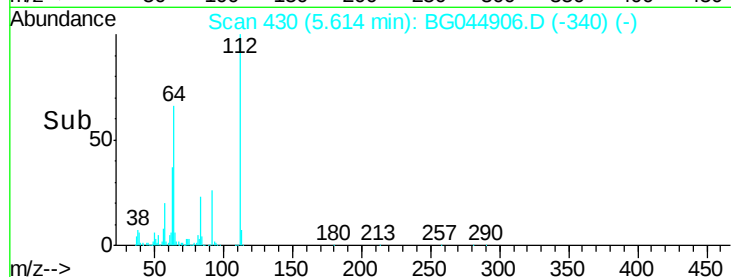
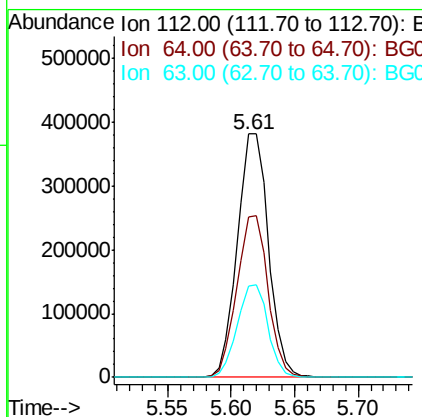
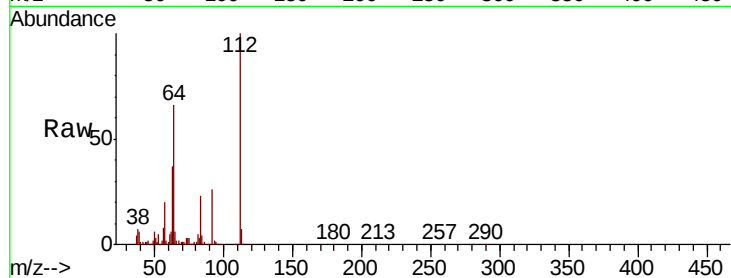
ClientSampleId :

2000448388MSD

Tot Ion:	112	Resp:	650167
Ion Ratio	Lower	Upper	
112	100		
64	65.6	53.4	80.2
63	37.3	29.4	44.2

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#6

Aniline

Concen: 11.507 ng

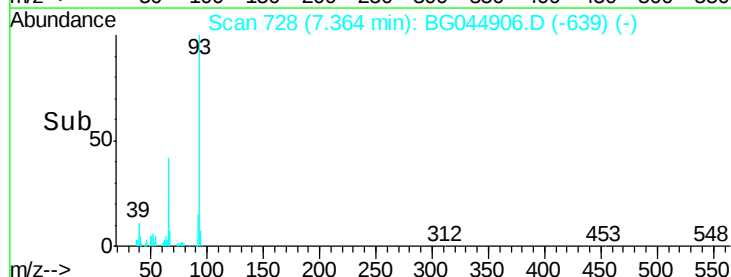
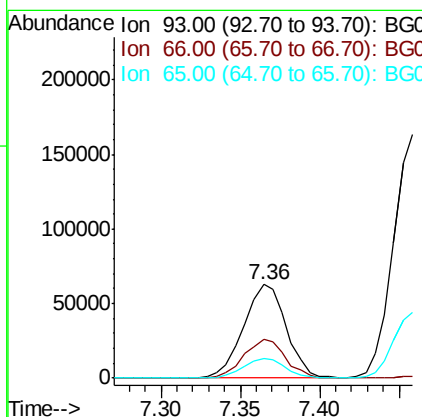
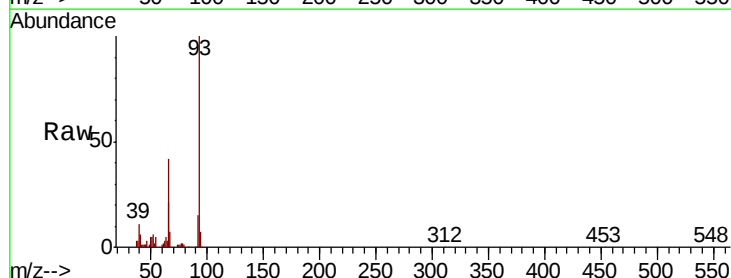
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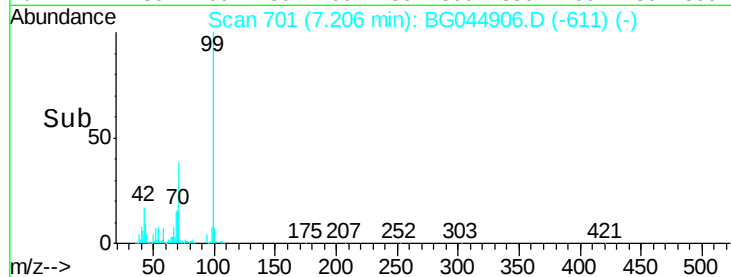
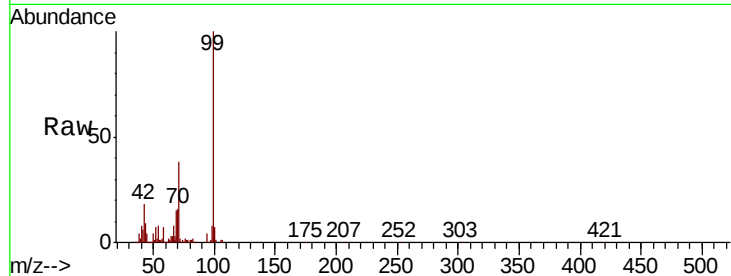
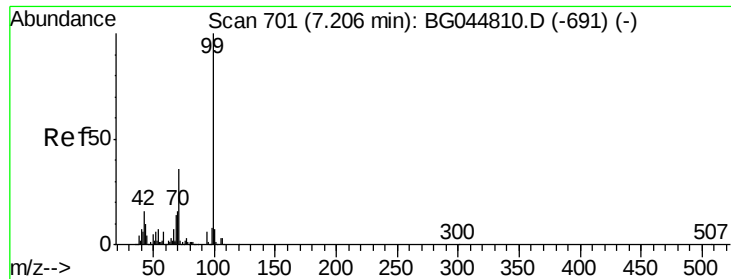
Delta R.T. -0.01 min

Lab File: BG044906.D

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Tgt Ion:	93	Resp:	117537
Ion Ratio	Lower	Upper	
93	100		
66	41.6	33.7	50.5
65	20.6	17.7	26.5





#7

Phenol-d6

Concen: 99.042 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tot Ion:	99	Resp:	813012
Ion Ratio	Lower	Upper	
99	100		
42	17.5	12.6	19.0
71	37.5	29.0	43.4

Instrument :

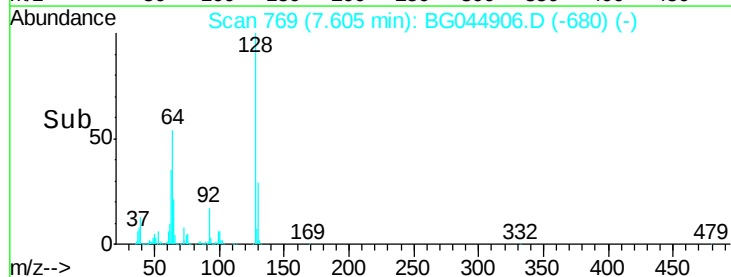
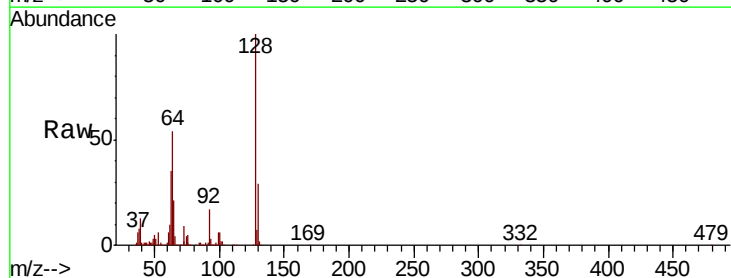
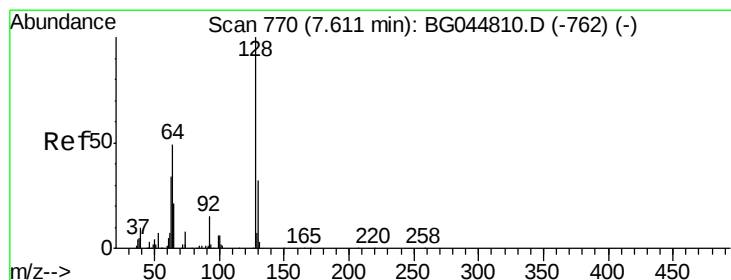
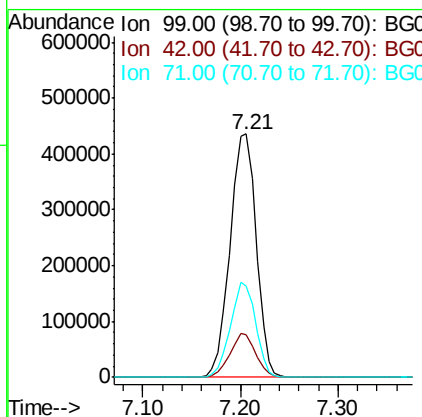
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#8

2-Chlorophenol

Concen: 47.869 ng

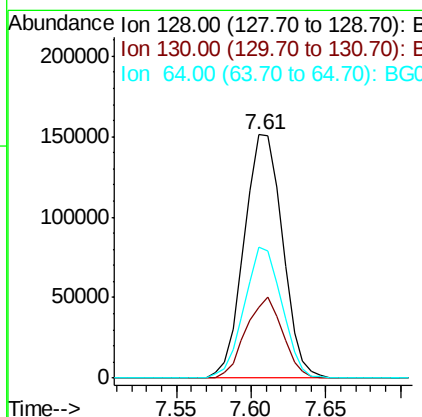
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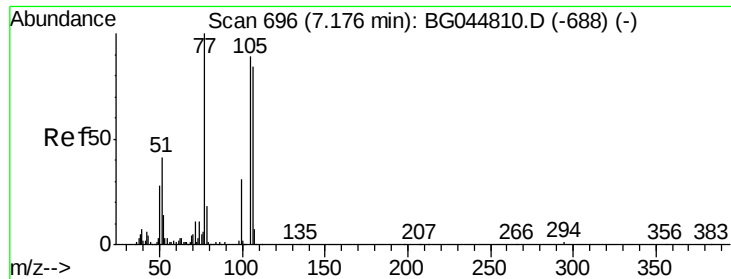
Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	128	Resp:	269981
Ion Ratio	Lower	Upper	
128	100		
130	29.1	11.6	51.6
64	53.7	34.5	74.5





#9

Benzaldehyde

Concen: 46.799 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

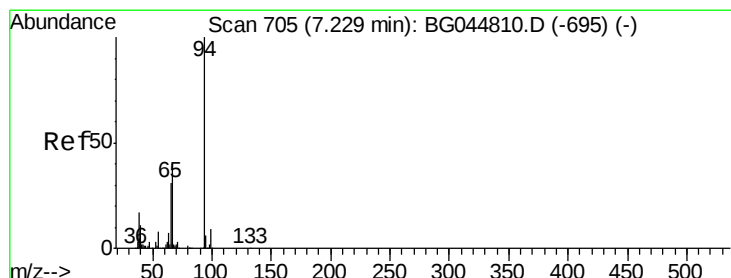
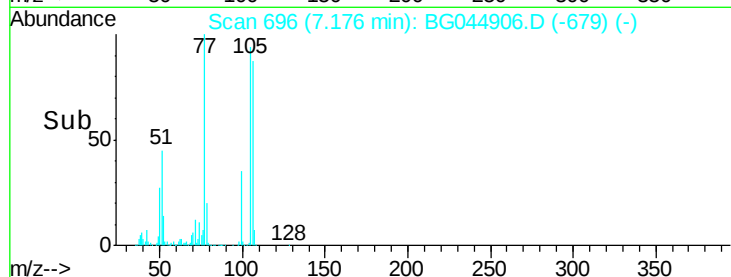
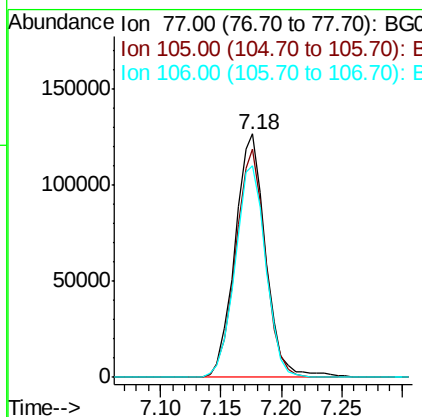
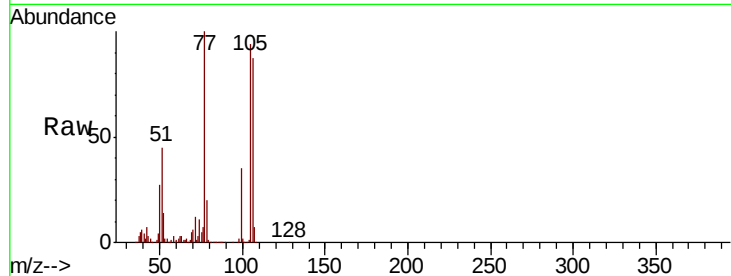
ClientSampleId :

2000448388MSD

Tot Ion:	77	Resp:	223095
Ion	Ratio	Lower	Upper
77	100		
105	93.5	69.3	109.3
106	86.7	64.5	104.5

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#10

Phenol

Concen: 37.060 ng

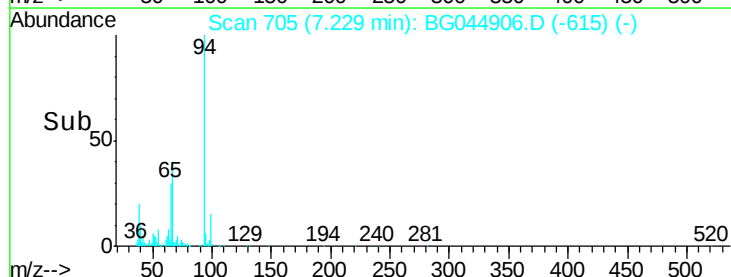
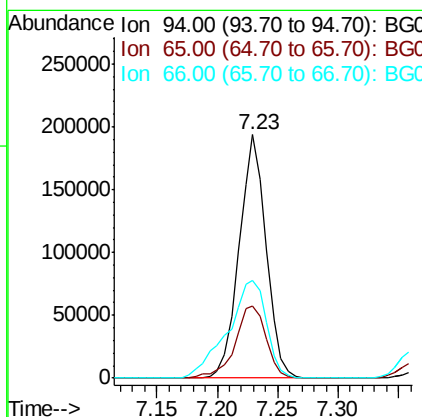
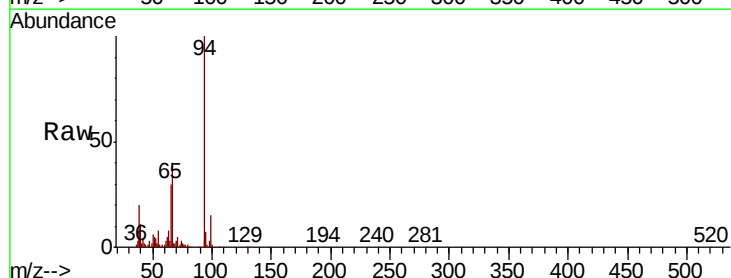
RT: 7.23 min Scan# 705

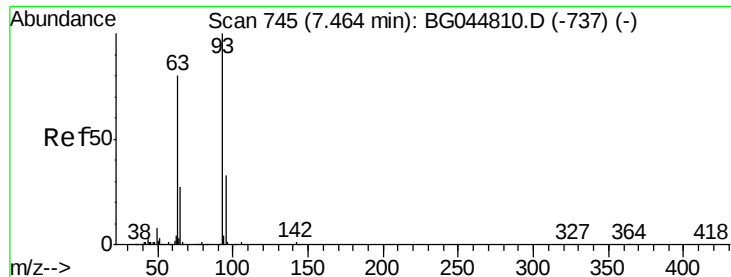
Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	94	Resp:	301182
Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.0	51.0
66	40.0	20.1	60.1





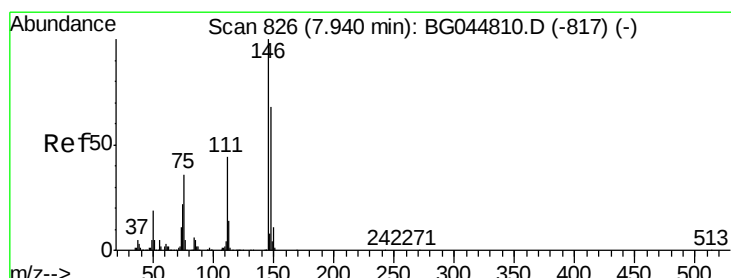
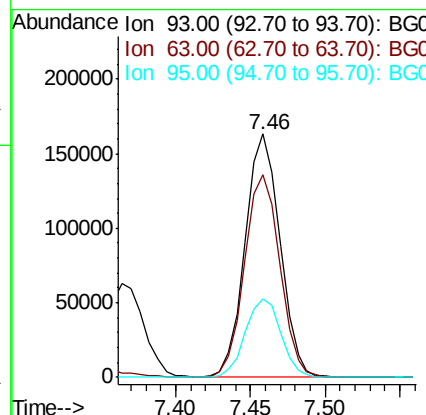
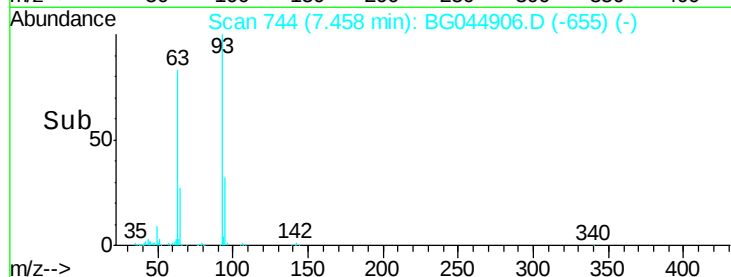
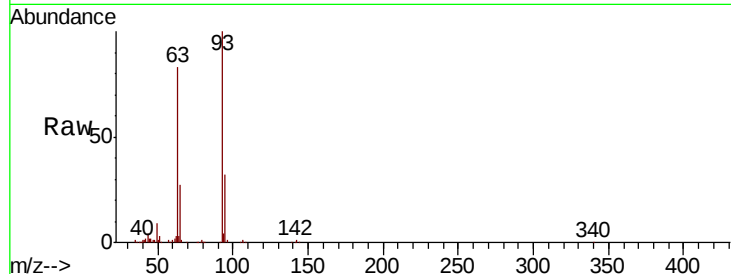
#11
bis(2-Chloroethyl)ether
Concen: 40.584 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	59.7	99.7
95	32.2	13.1	53.1

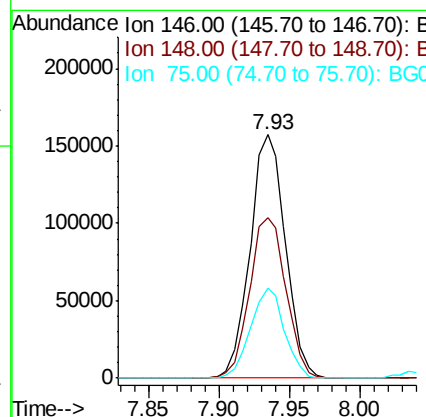
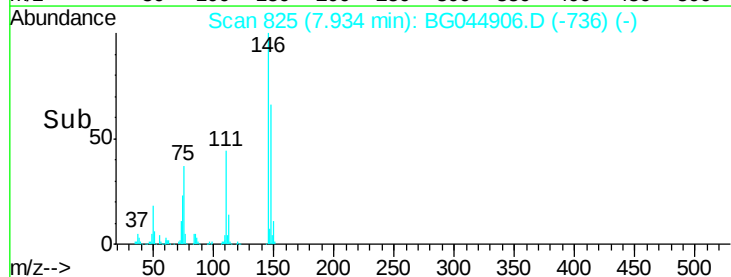
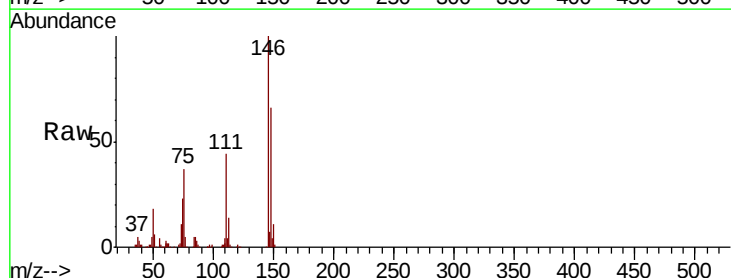
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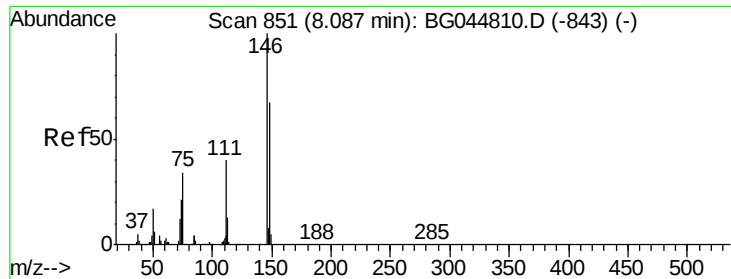
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#12
1,3-Dichlorobenzene
Concen: 39.719 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	54.2	81.4
75	37.2	28.6	42.8





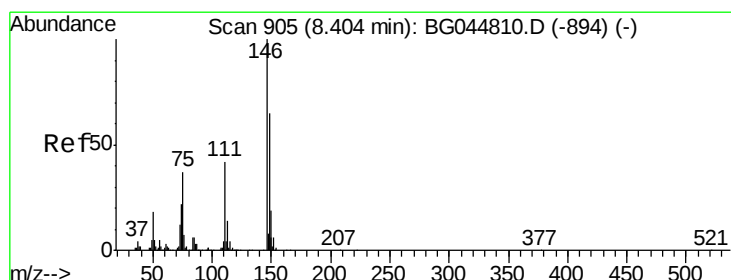
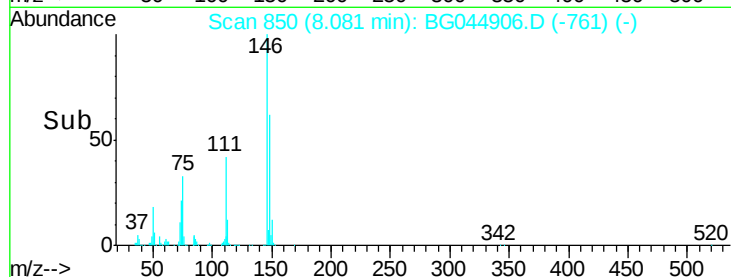
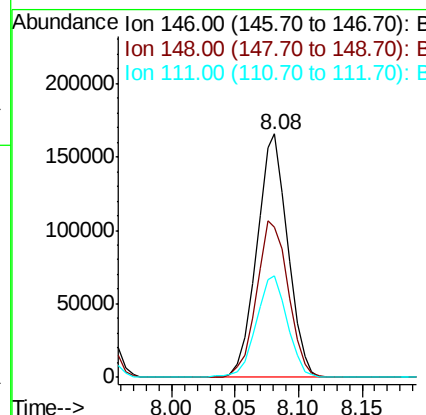
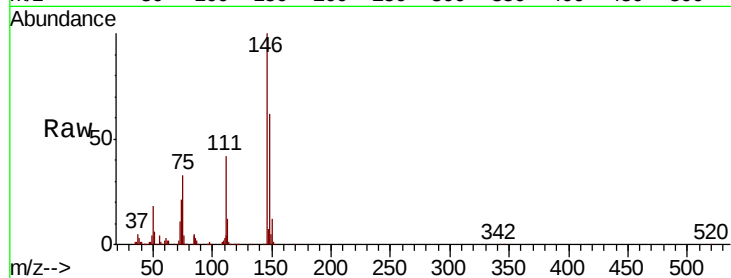
#13
1,4-Dichlorobenzene
Concen: 40.843 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	53.8	80.6
111	41.6	32.0	48.0

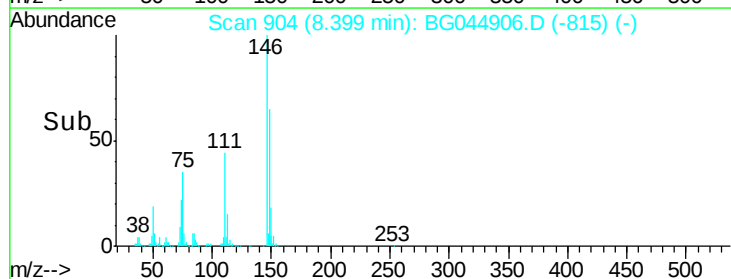
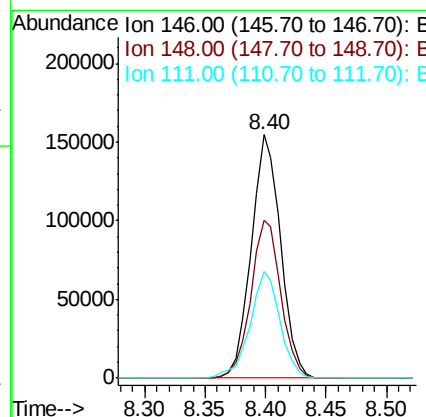
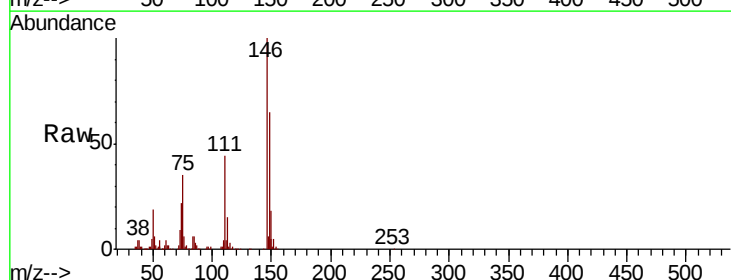
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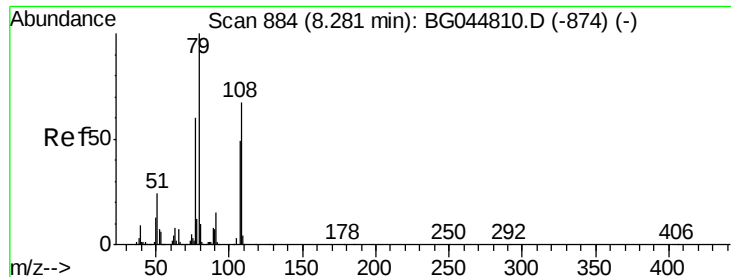
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#14
1,2-Dichlorobenzene
Concen: 40.204 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
111	43.9	33.4	50.2





#15

Benzyl Alcohol

Concen: 42.333 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

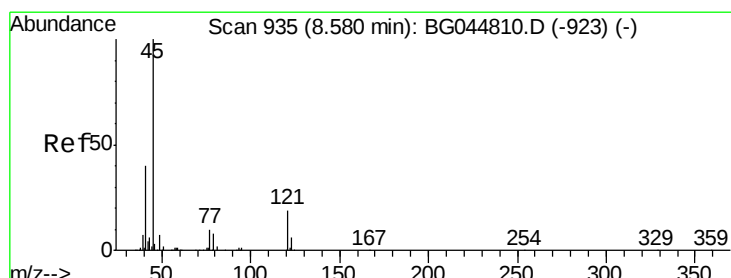
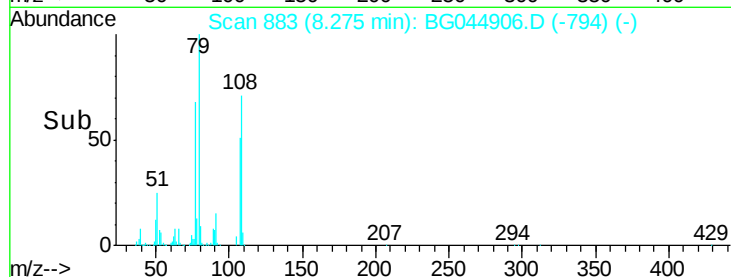
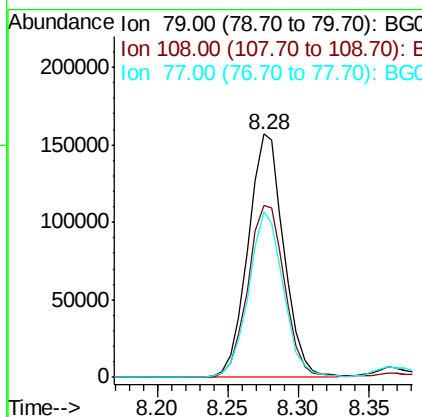
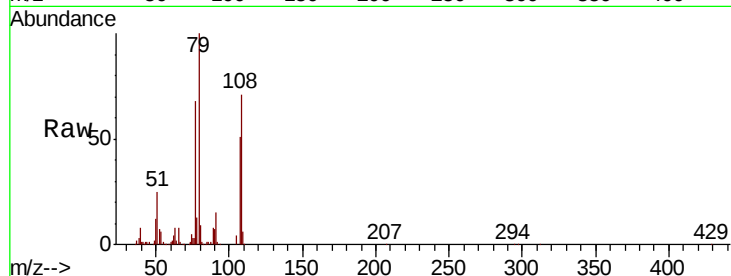
ClientSampleId :

2000448388MSD

Tot Ion:	79	Resp:	278818
Ion	Ratio	Lower	Upper
79	100		
108	70.8	53.8	80.8
77	68.0	47.8	71.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.777 ng

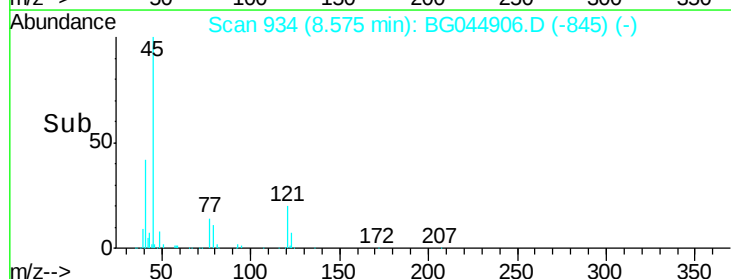
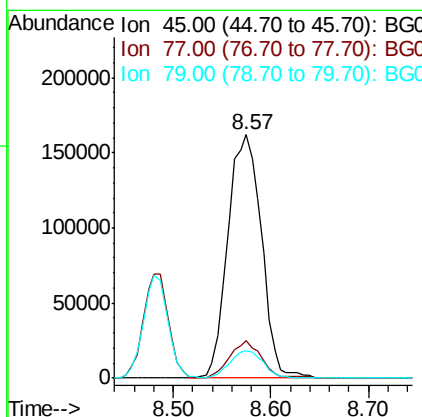
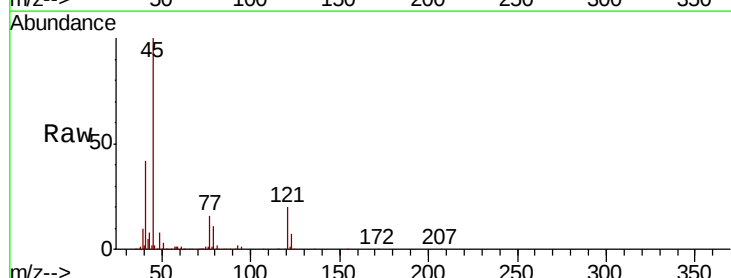
RT: 8.57 min Scan# 934

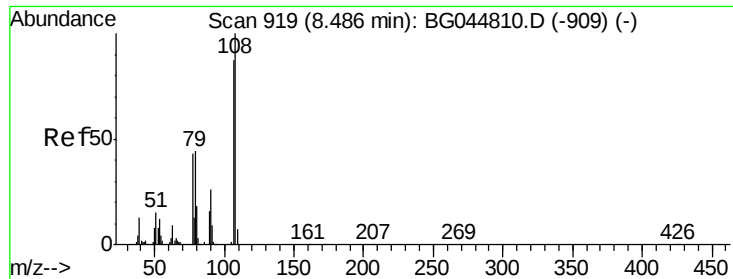
Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	45	Resp:	386604
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	33.9
79	11.3	0.0	30.8





#17

2-Methylphenol

Concen: 43.616 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

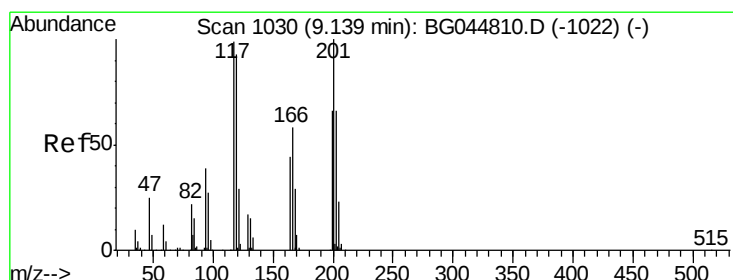
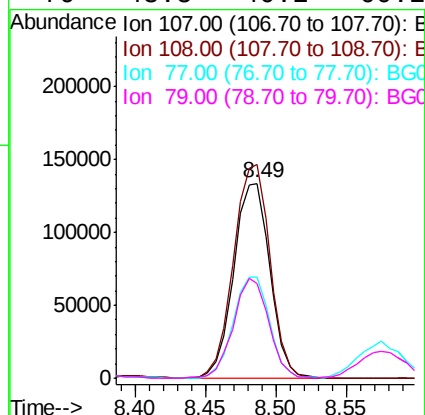
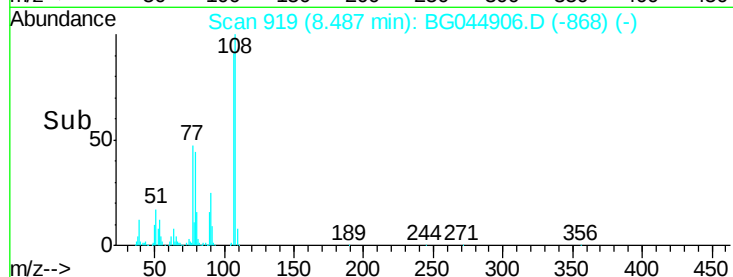
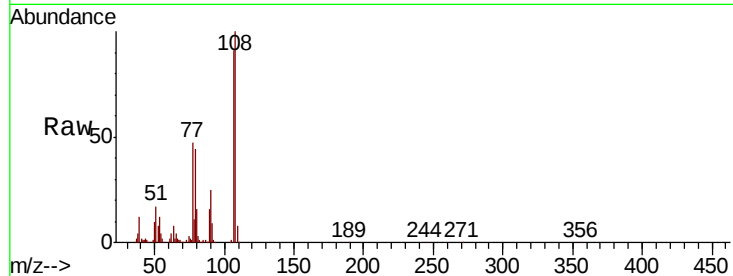
ClientSampleId :

2000448388MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.8	137.8	
77	52.1	40.0	60.0	
79	48.5	40.2	60.2	

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#18

Hexachloroethane

Concen: 40.139 ng

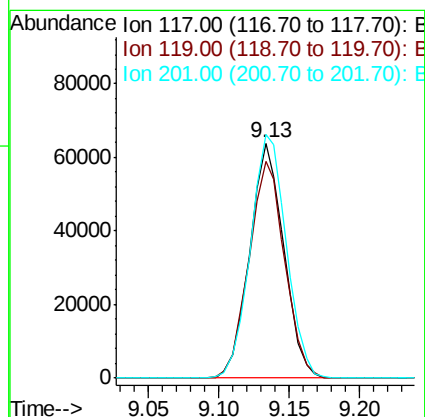
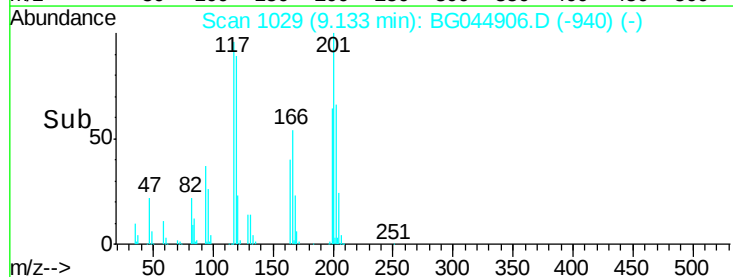
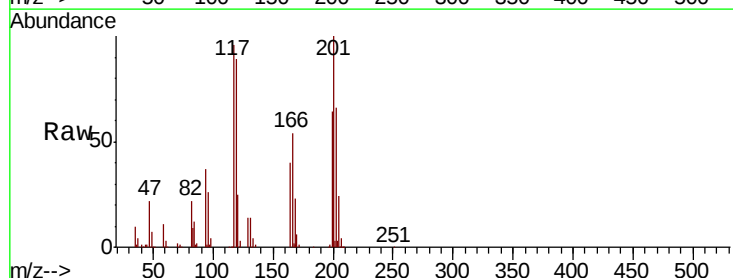
RT: 9.13 min Scan# 1029

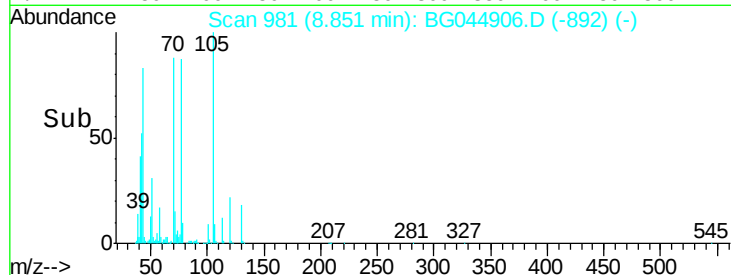
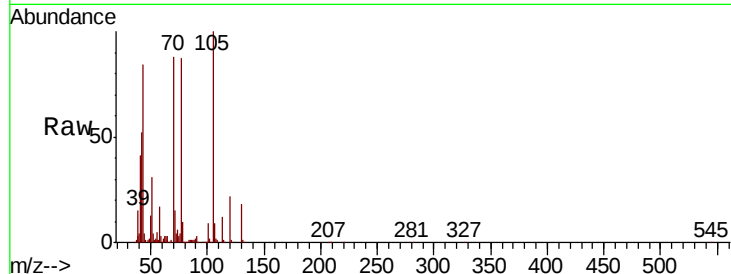
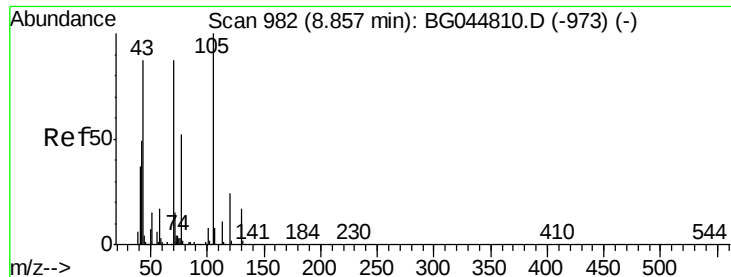
Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

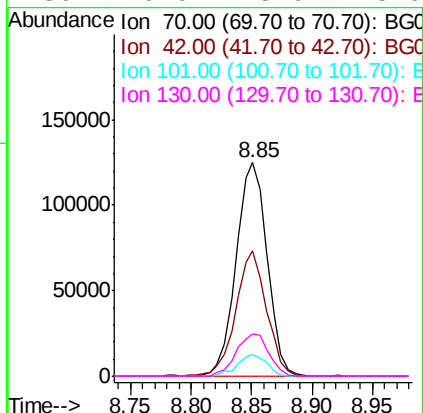
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.1	75.2	112.8	
201	103.7	81.1	121.7	





#19
n-Nitroso-di-n-propylamine
Concen: 38.577 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

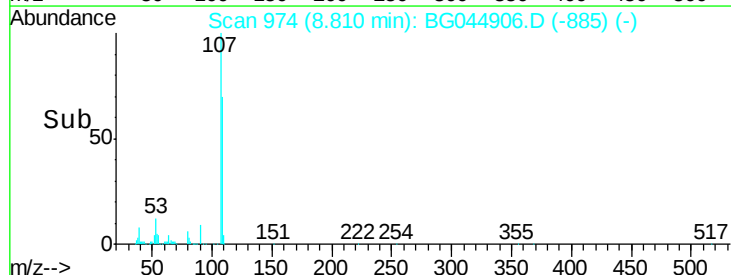
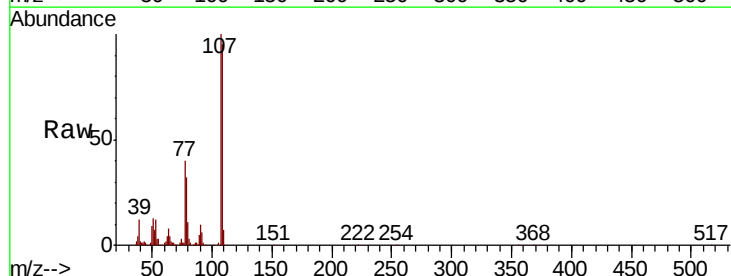
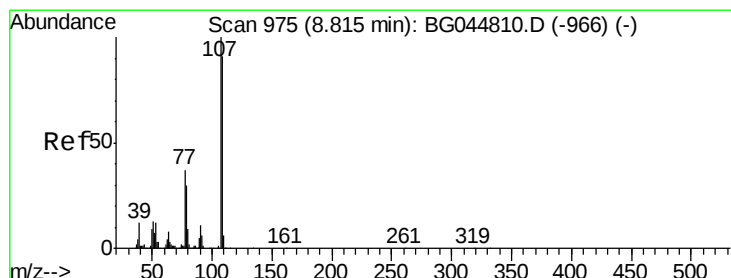
Tot Ion	70	Resp	223602
Ion	Ratio	Lower	Upper
70	100		
42	58.5	45.7	68.5
101	10.0	7.4	11.2
130	20.0	15.9	23.9



Instrument :
BNA_G
ClientSampleId :
2000448388MSD

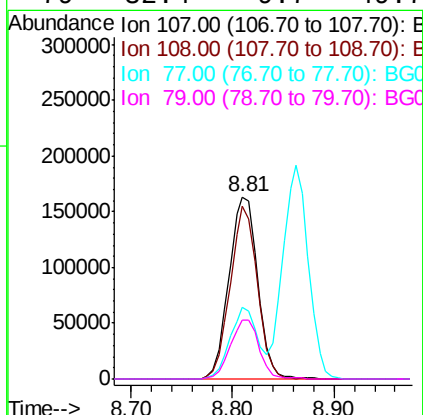
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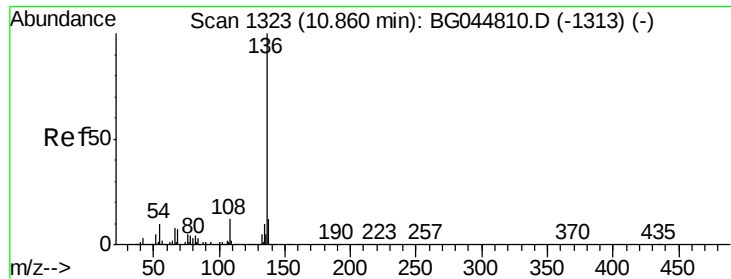
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#20
3+4-Methylphenols
Concen: 42.248 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	107	Resp	320604
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.3	111.3
77	39.5	16.9	56.9
79	32.4	9.7	49.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

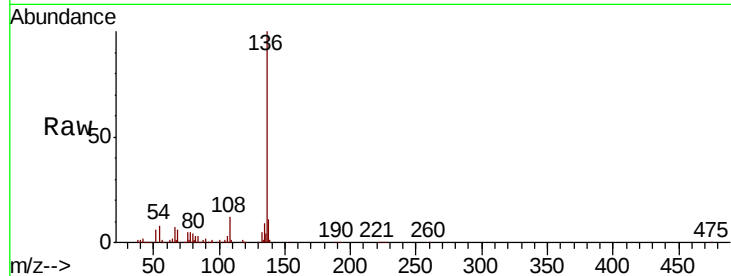
ClientSampleId :

2000448388MSD

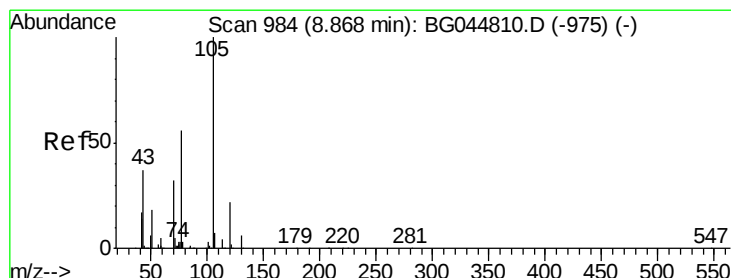
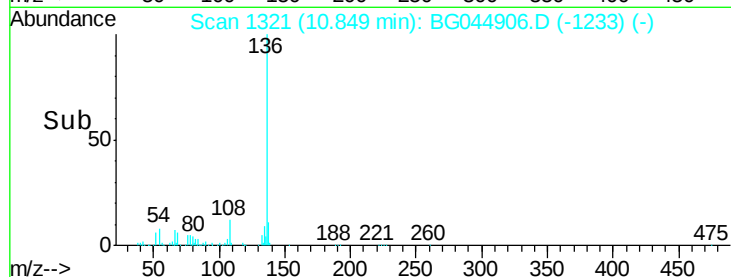
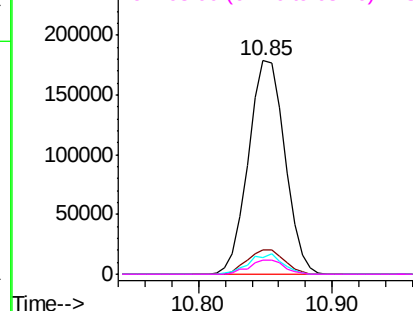
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.8	14.6	
54	7.9	7.9	11.9	
68	6.4	5.4	8.0	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 43.362 ng

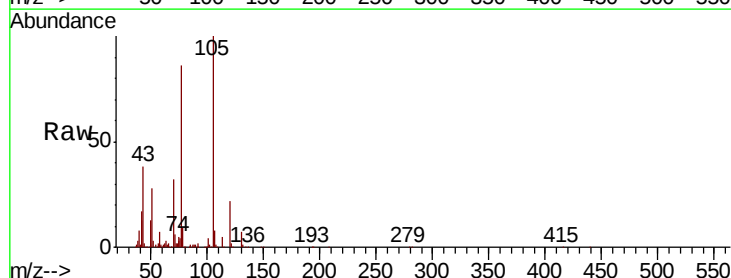
RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

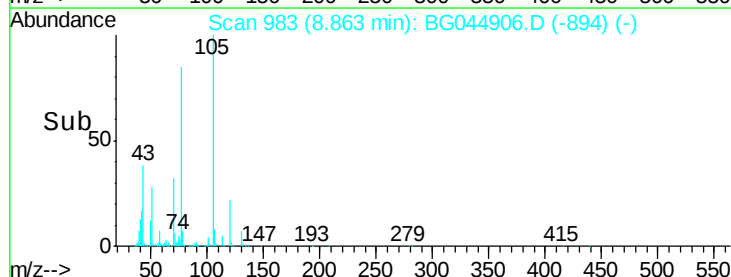
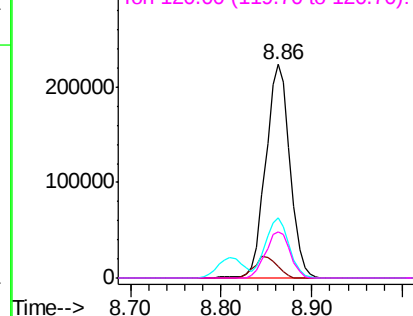
Lab File: BG044906.D

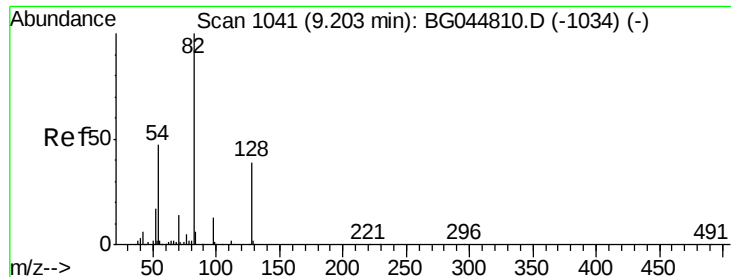
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	3.9	5.9	
51	28.3	22.6	33.8	
120	21.8	17.3	25.9	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





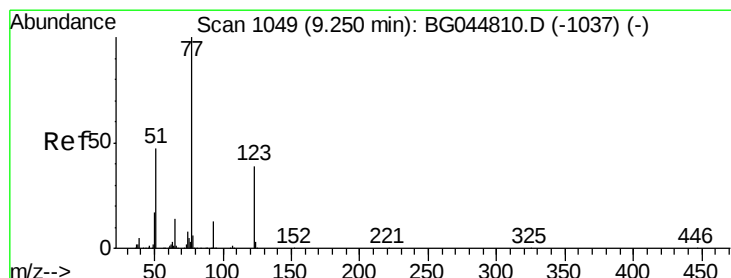
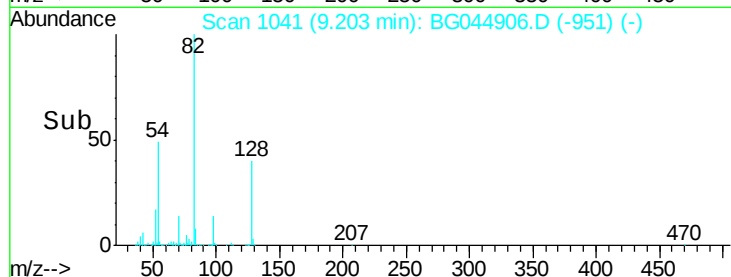
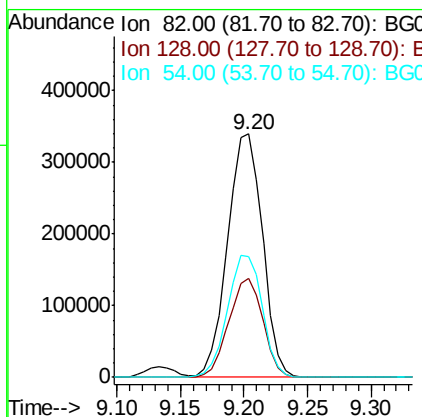
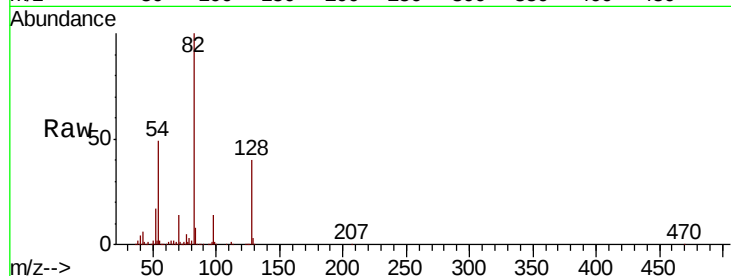
#23
 Nitrobenzene-d5
 Concen: 84.346 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	46.0
54	49.5	37.1	55.7

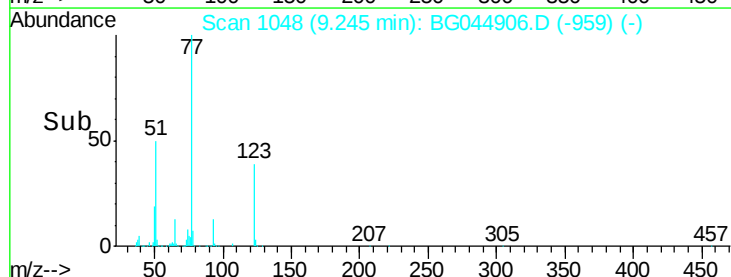
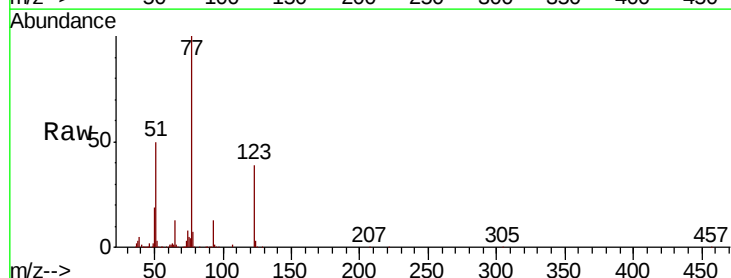
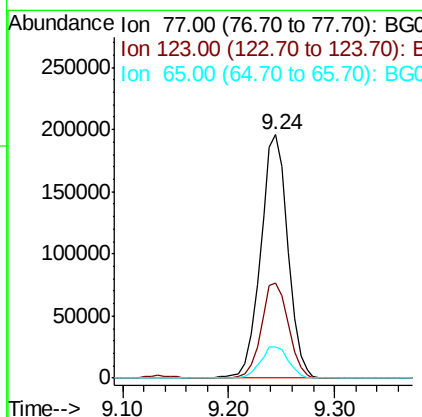
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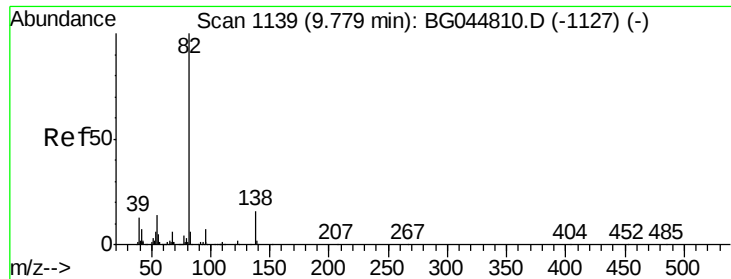
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#24
 Nitrobenzene
 Concen: 43.863 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.3	46.9
65	13.0	11.4	17.0





#25

Isophorone

Concen: 41.747 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

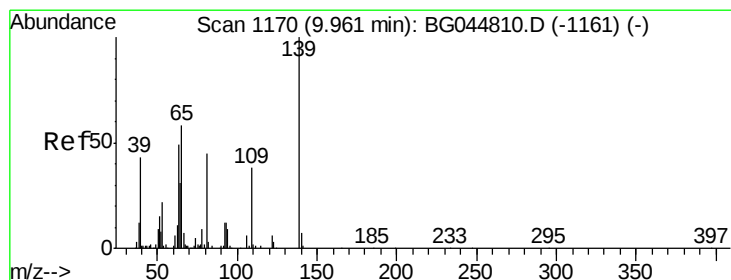
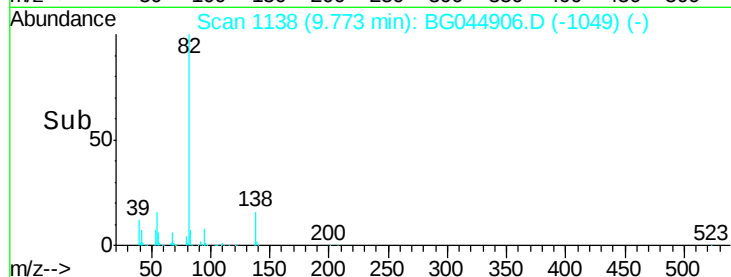
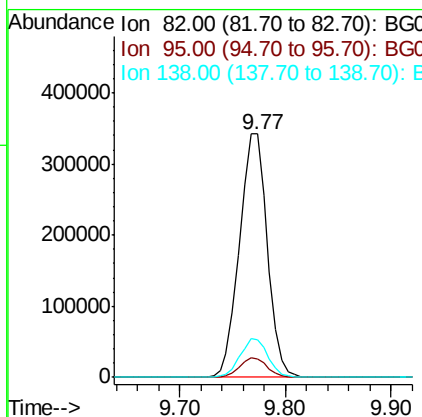
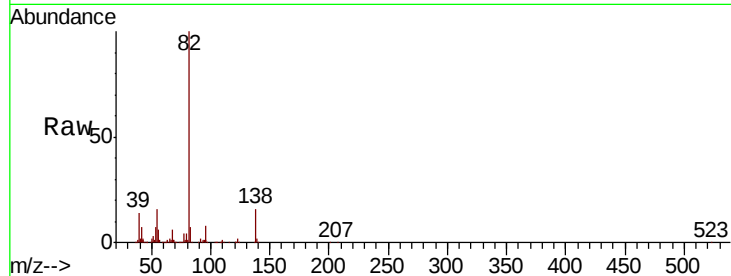
ClientSampleId :

2000448388MSD

Tot Ion:	82	Resp:	625780
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.5	8.3
138	15.5	12.5	18.7

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#26

2-Nitrophenol

Concen: 53.122 ng

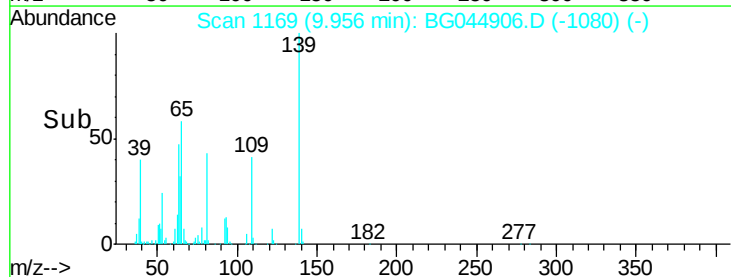
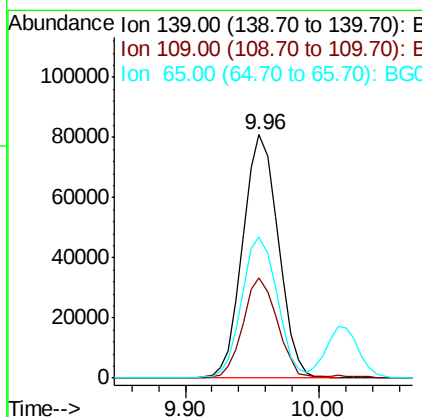
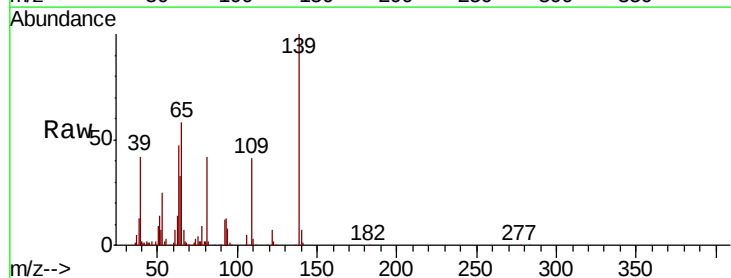
RT: 9.96 min Scan# 1169

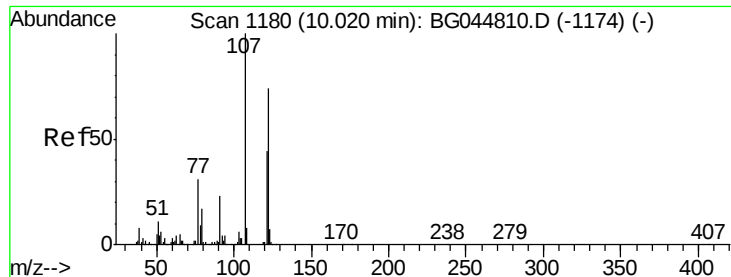
Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	139	Resp:	148809
Ion Ratio	Lower	Upper	
139	100		
109	41.2	30.2	45.4
65	58.2	46.3	69.5





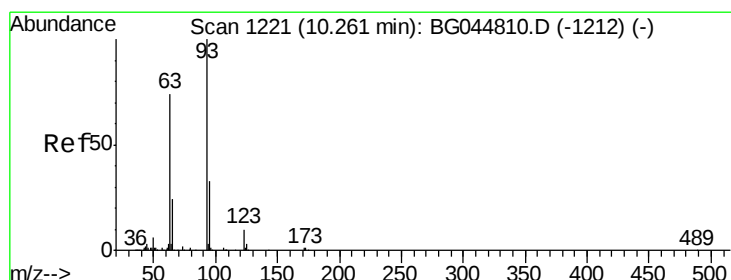
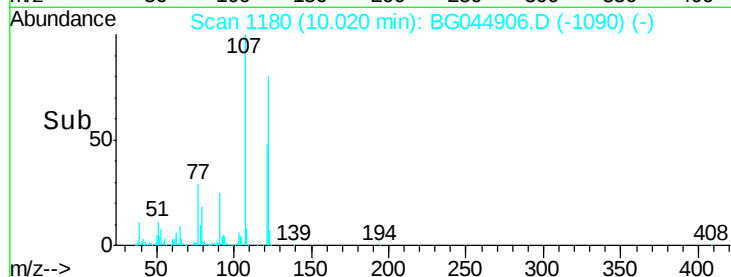
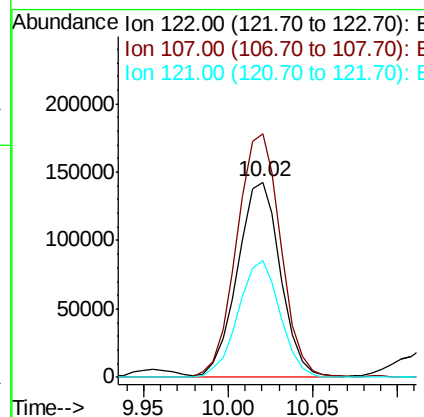
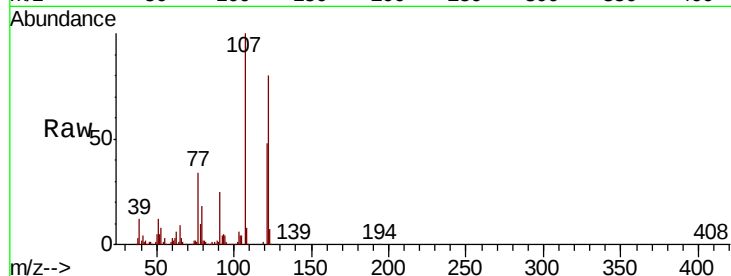
#27
2,4-Dimethylphenol
Concen: 51.395 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.8	107.1	160.7
121	59.6	46.8	70.2

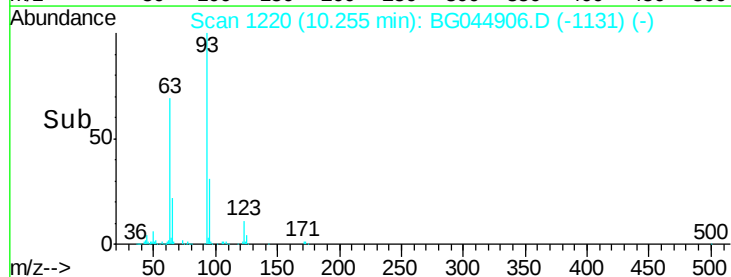
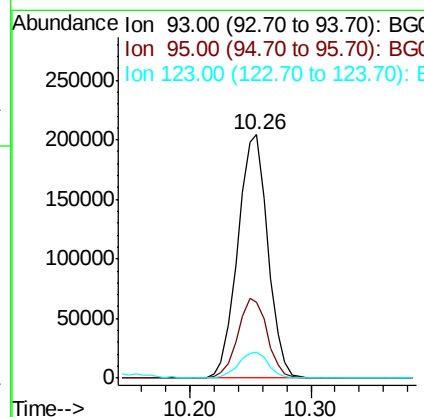
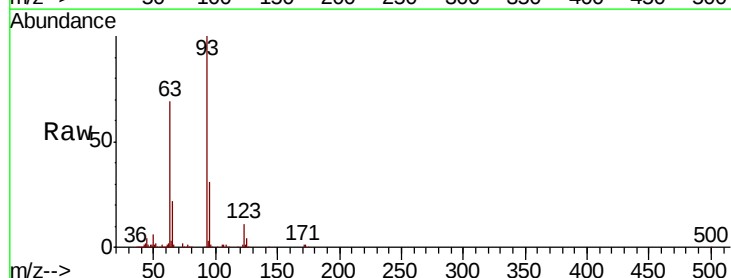
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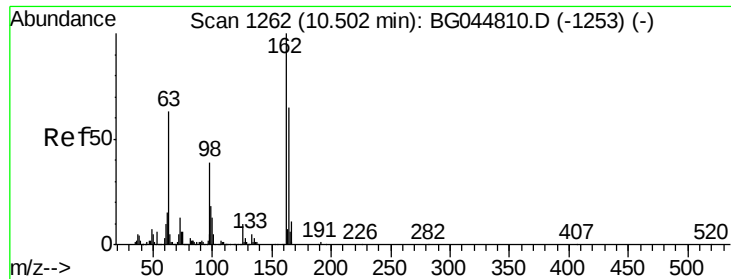
mohammad
3/20/2020 11:48:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.625 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.4	39.6
123	10.6	8.4	12.6





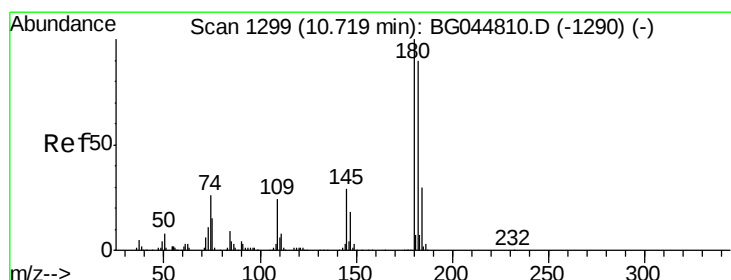
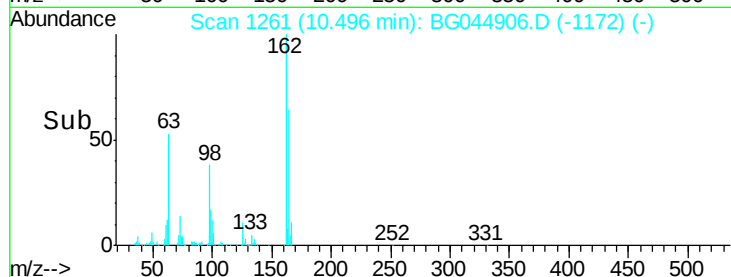
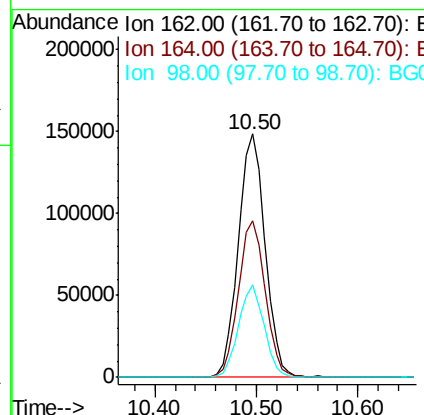
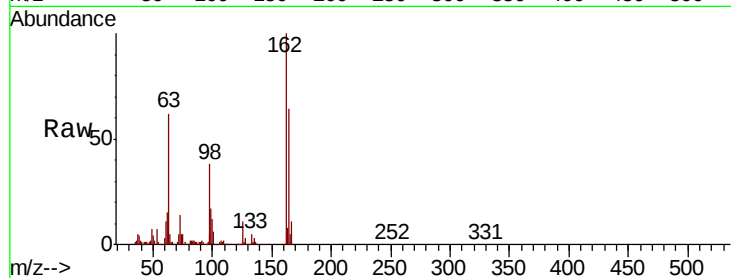
#29
 2,4-Dichlorophenol
 Concen: 47.885 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.2	85.2
98	38.3	19.0	59.0

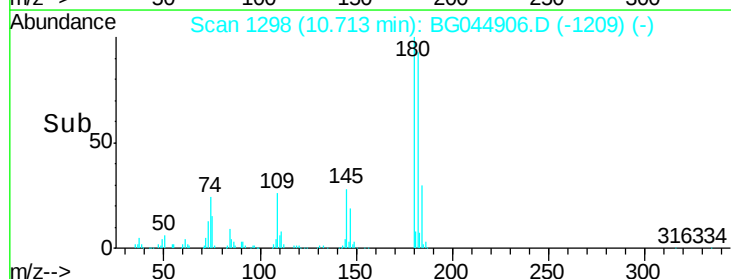
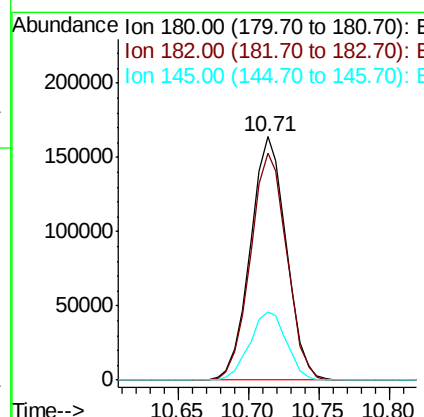
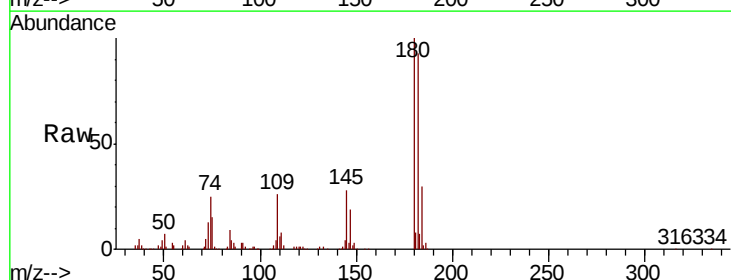
Manual Integrations
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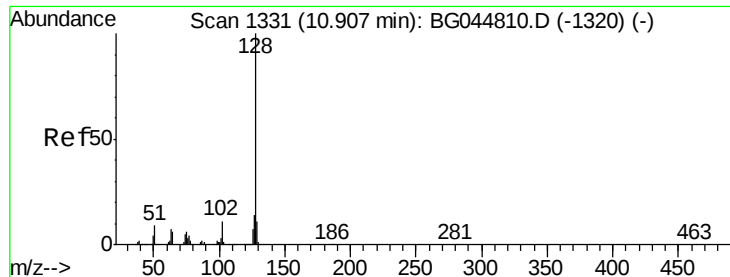
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.829 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	71.6	107.4
145	28.3	23.4	35.0





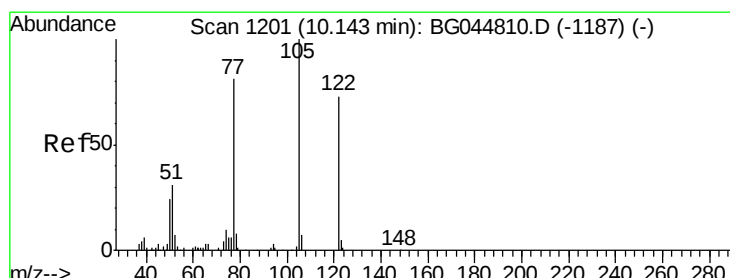
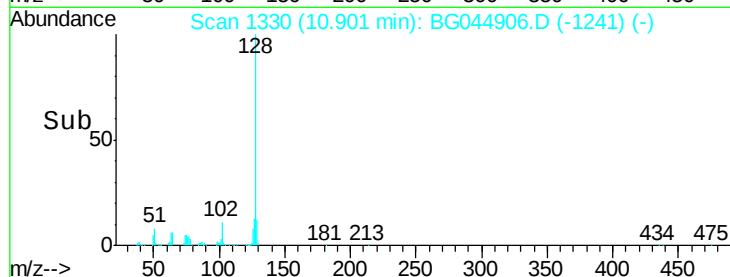
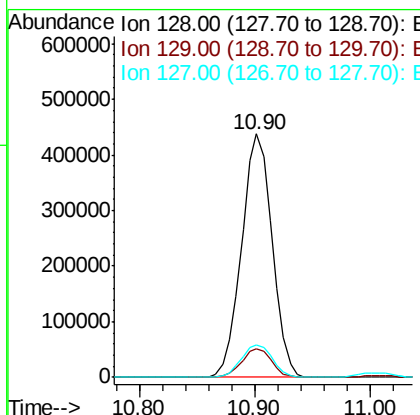
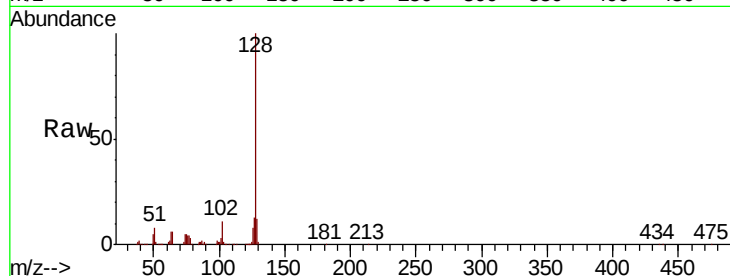
#31
Naphthalene
Concen: 43.059 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.0	13.4	
127	13.5	10.8	16.2	

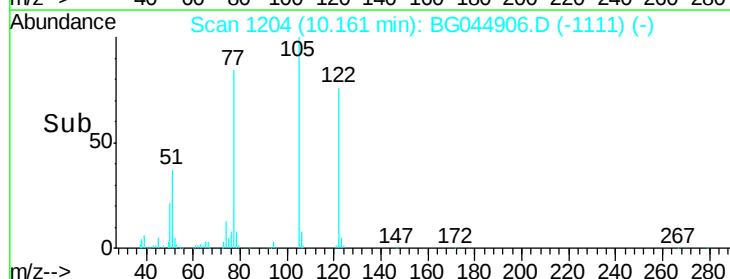
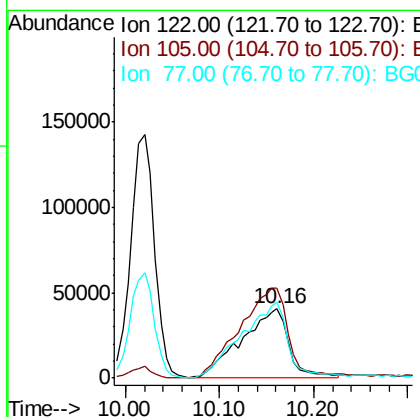
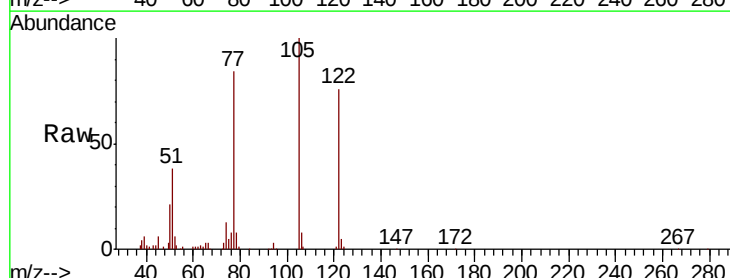
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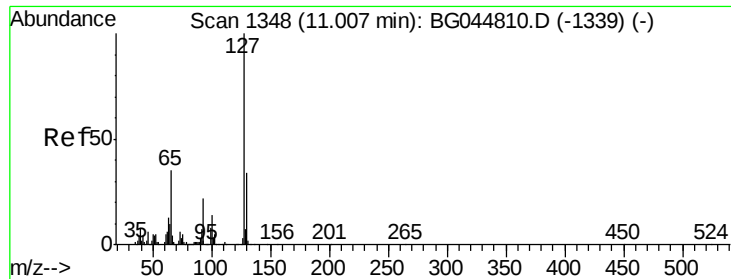
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#32
Benzoic acid
Concen: 38.835 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.02 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.7	109.1	149.1	
77	110.5	85.3	125.3	





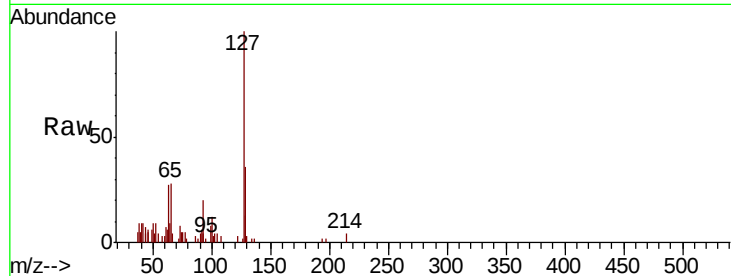
#33
4-Chloroaniline
Concen: 2.101 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

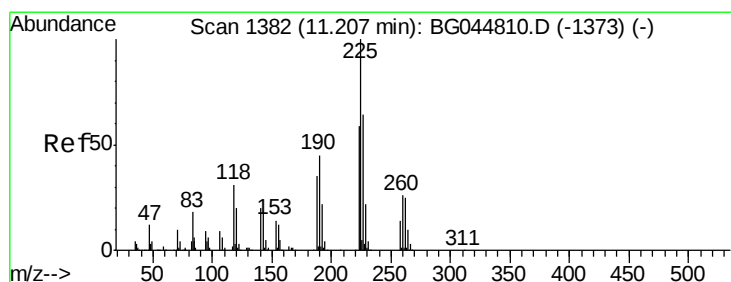
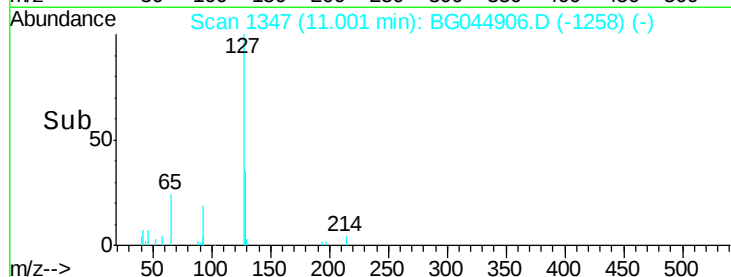
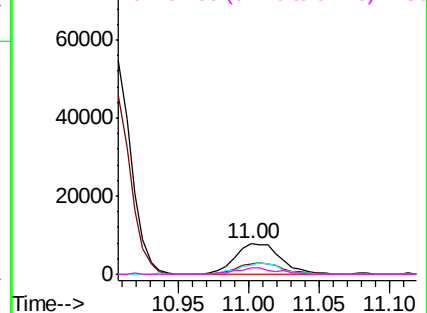
Tot Ion	Ratio	Lower	Upper
127	100		
129	35.7	26.9	40.3
65	28.0	27.7	41.5
92	19.9	17.4	26.2

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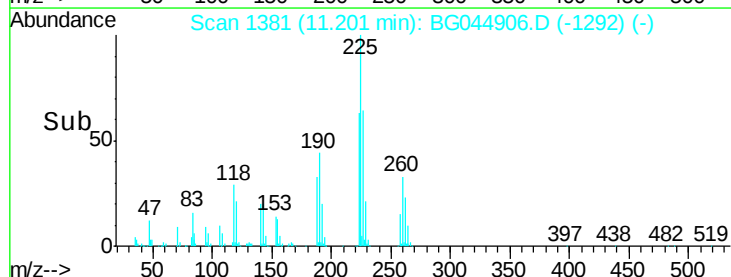
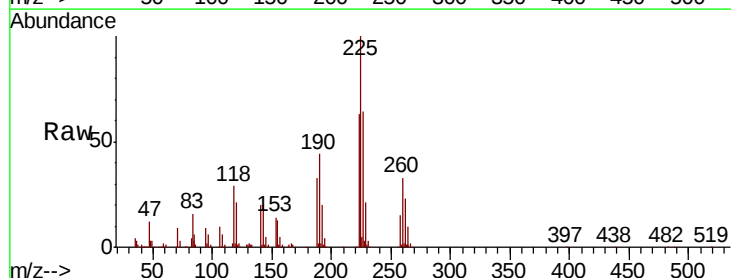
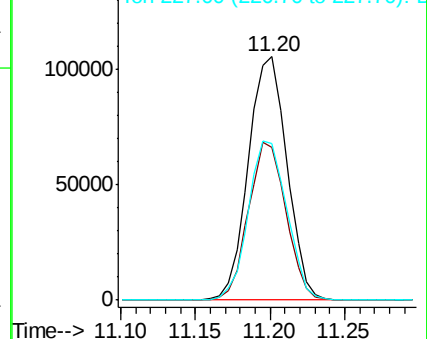
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

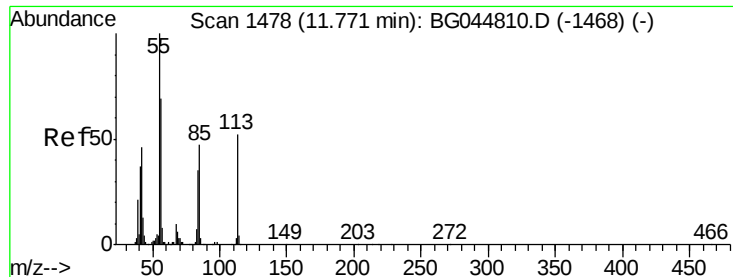


#34
Hexachlorobutadiene
Concen: 42.176 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.4	71.0
227	64.5	50.8	76.2

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





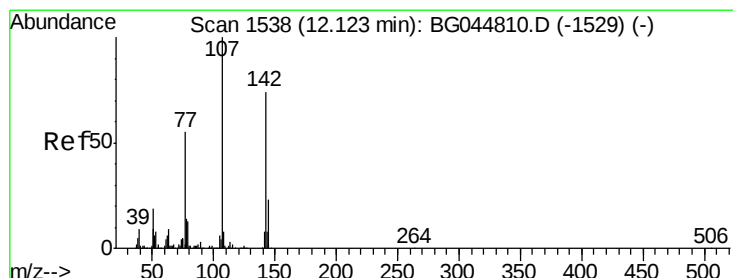
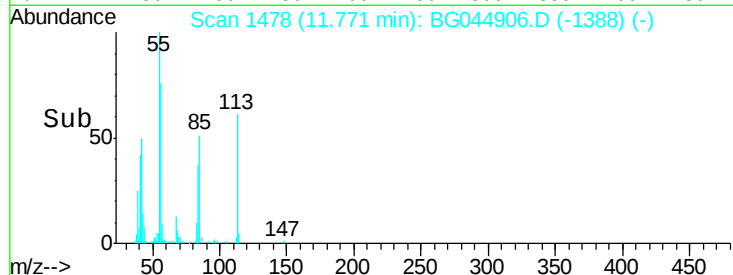
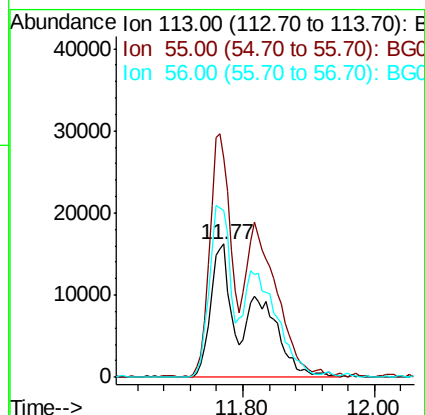
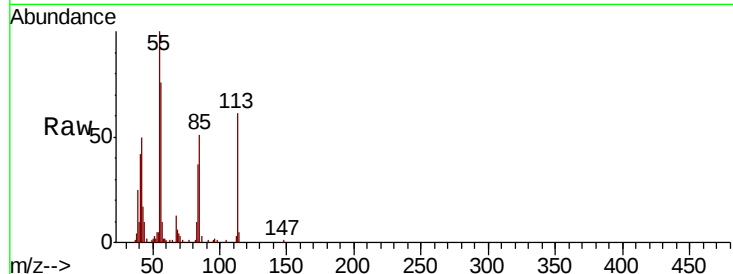
#35
 Caprolactam
 Concen: 31.494 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	164.1	173.8	213.8	
56	125.3	113.8	153.8	

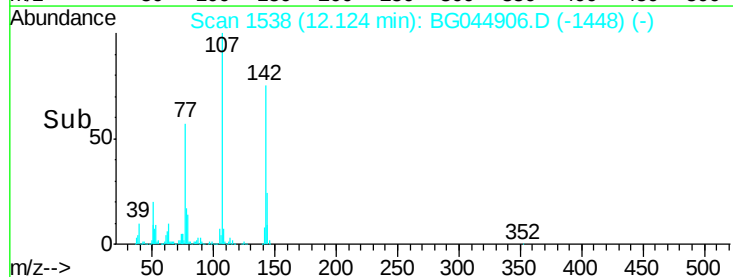
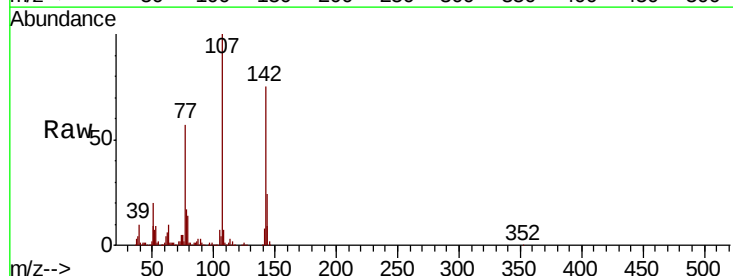
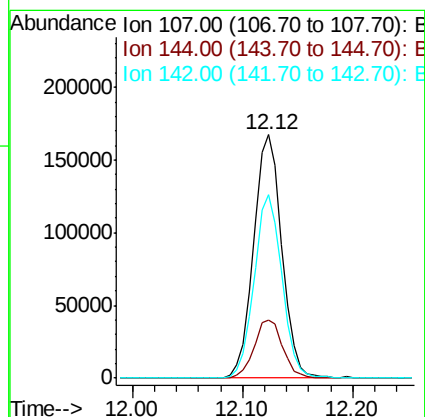
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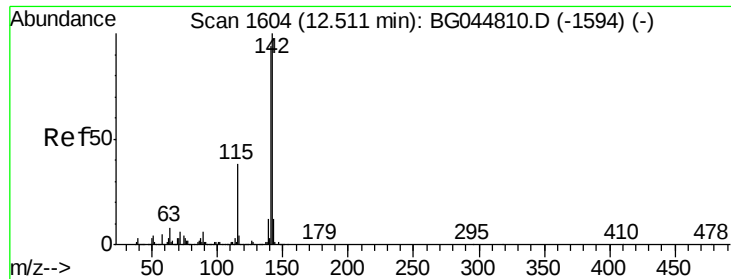
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.178 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.9	18.0	27.0	
142	75.1	59.0	88.4	





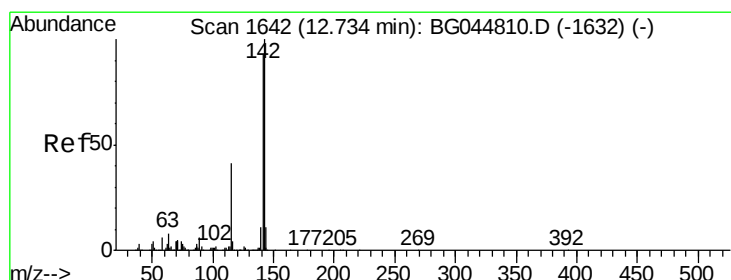
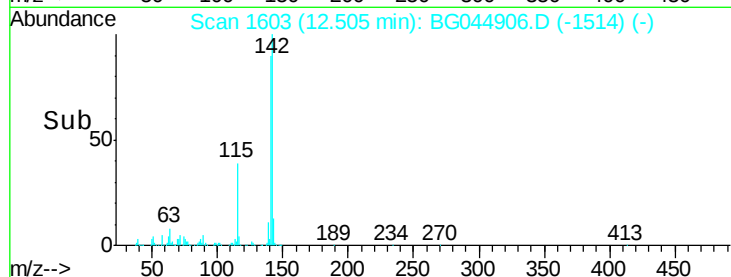
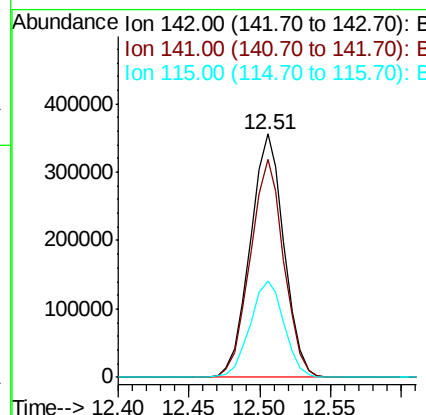
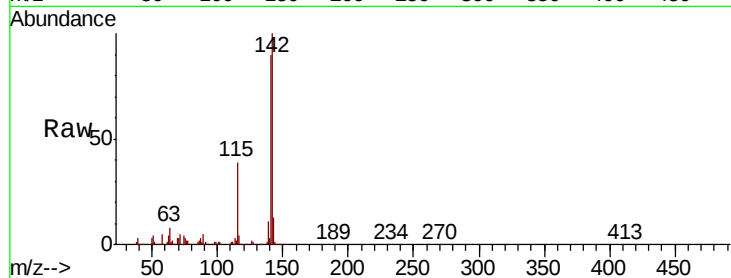
#37
2-Methylnaphthalene
Concen: 42.678 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	75.1	112.7
115	39.4	30.6	46.0

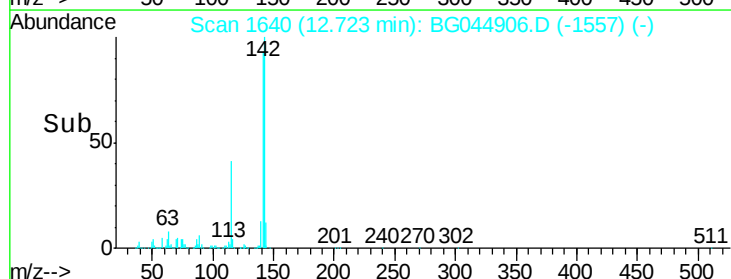
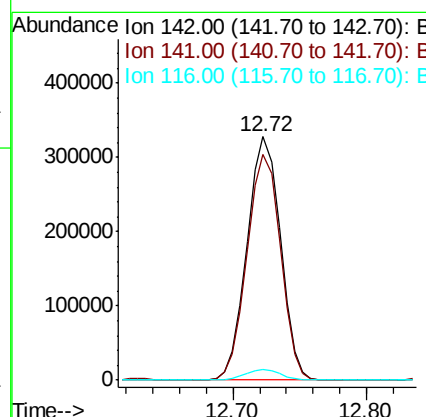
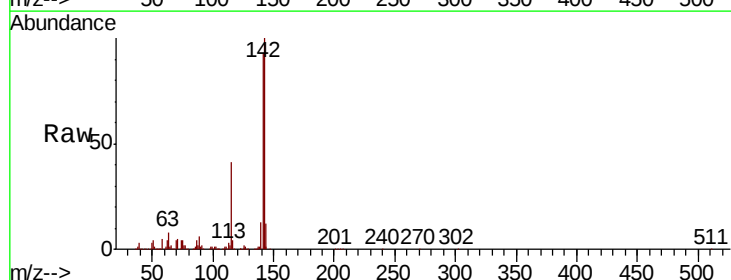
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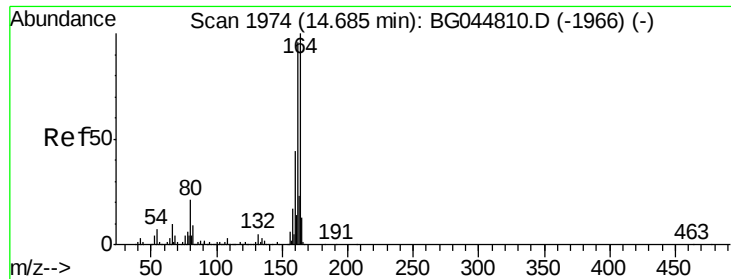
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#38
1-Methylnaphthalene
Concen: 43.151 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.7	112.1
116	4.2	3.3	4.9





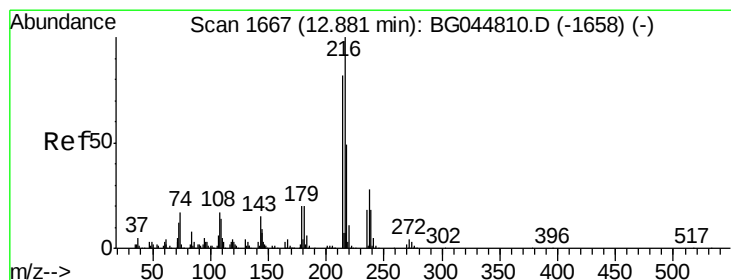
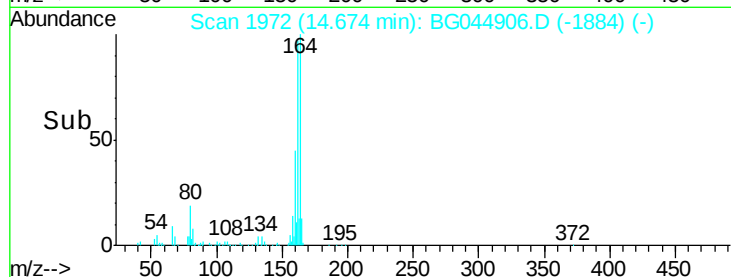
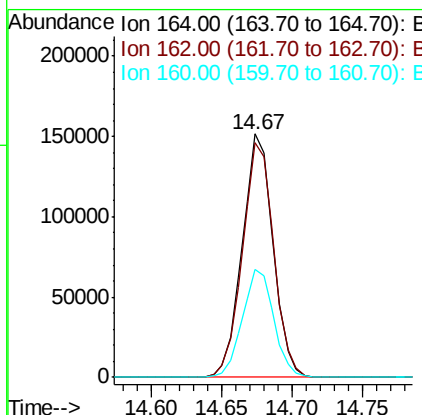
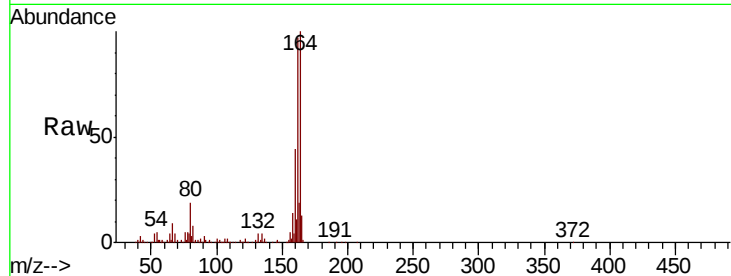
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
162	96.5	76.7	115.1		
160	44.5	35.0	52.4		

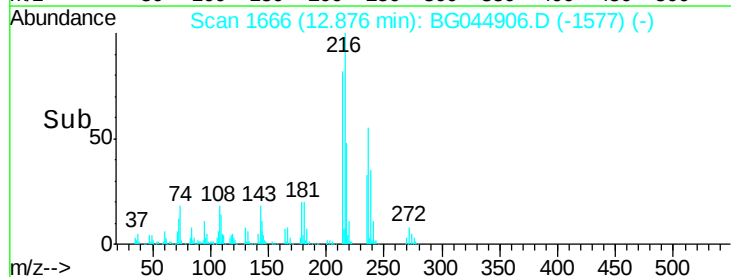
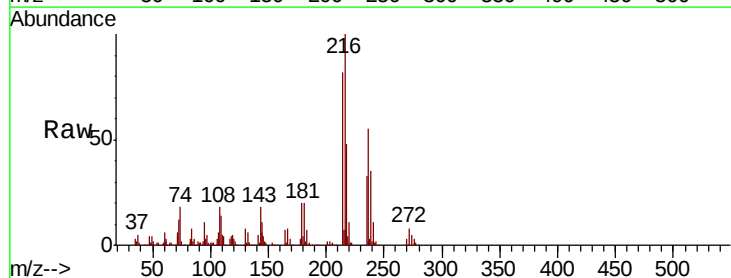
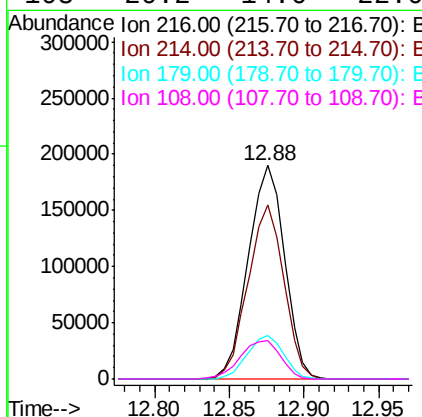
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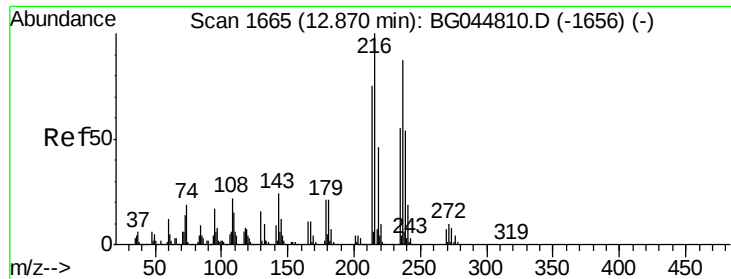
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.898 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.2	63.8	95.6		
179	20.5	16.2	24.2		
108	20.2	14.6	22.0		





#41

Hexachlorocyclopentadiene

Concen: 94.222 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

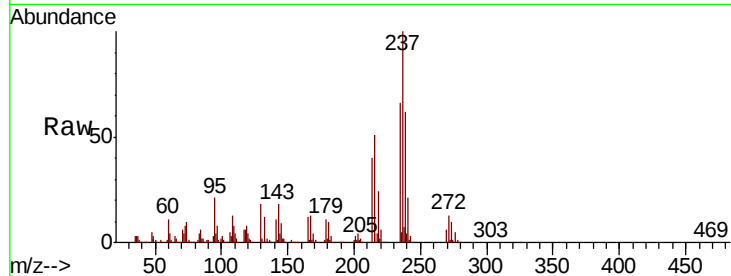
ClientSampleId :

2000448388MSD

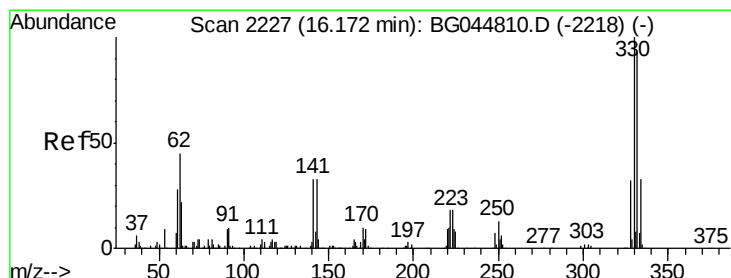
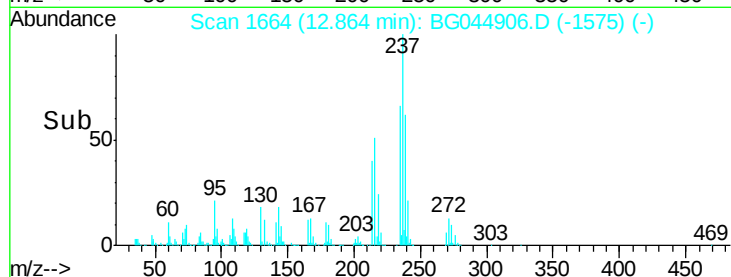
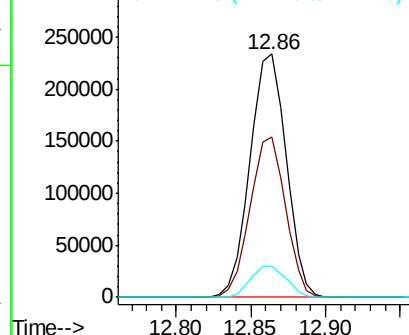
Tot Ion:	237	Resp:	392780
Ion Ratio	Lower	Upper	
237	100		
235	65.7	42.9	82.9
272	12.9	0.0	31.6

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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: 135.264 ng

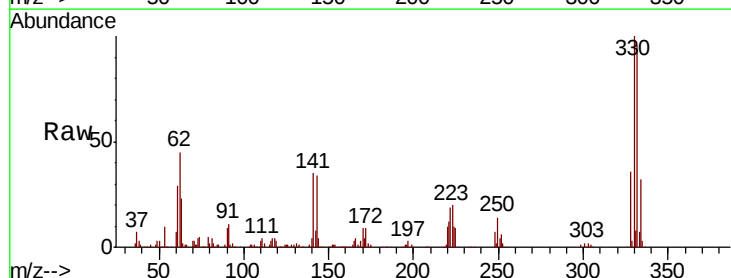
RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

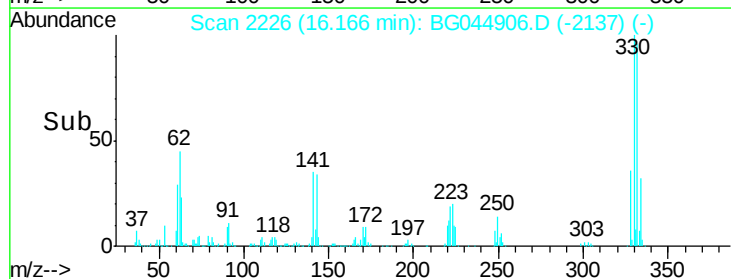
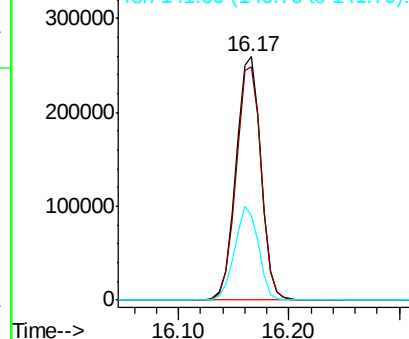
Lab File: BG044906.D

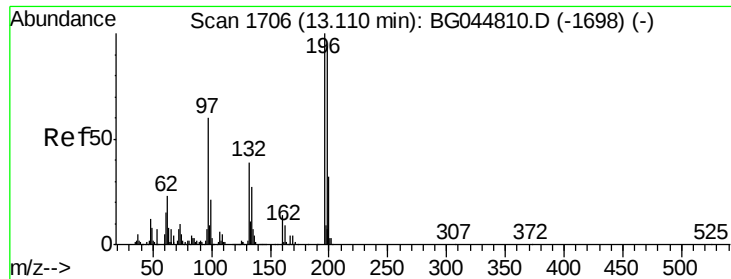
Acq: 19 Mar 2020 20:55

Tgt Ion:	330	Resp:	410212
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.8	116.6
141	36.9	29.5	44.3



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





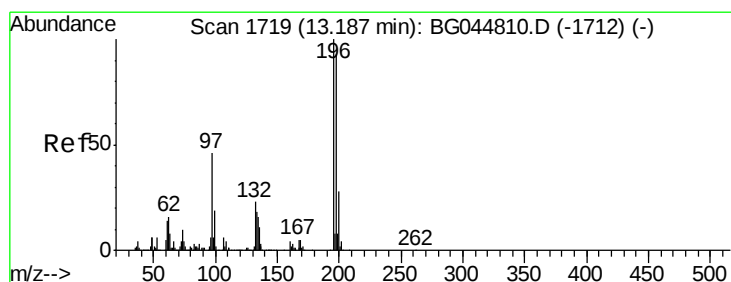
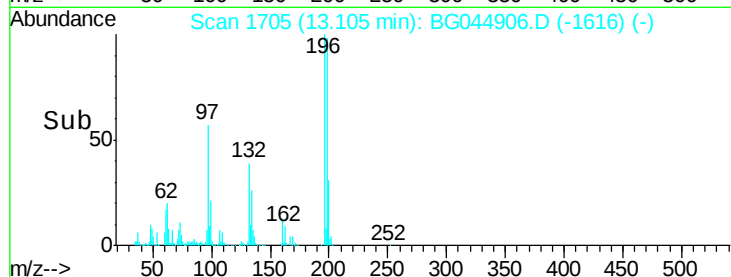
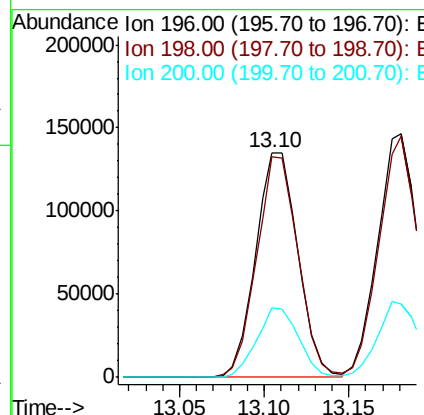
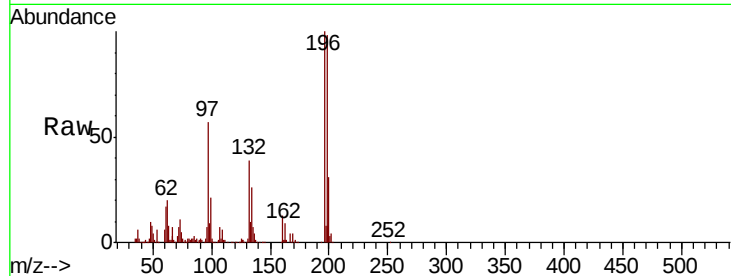
#43
 2,4,6-Trichlorophenol
 Concen: 46.433 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.9	112.3
200	31.0	25.8	38.6

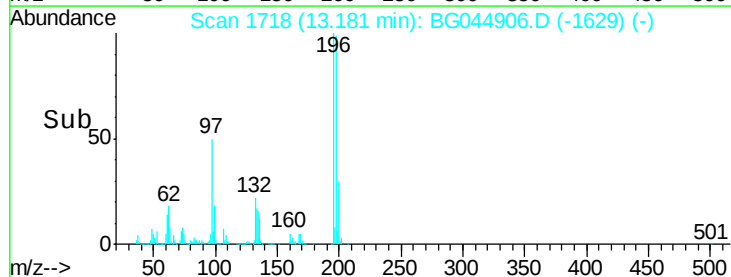
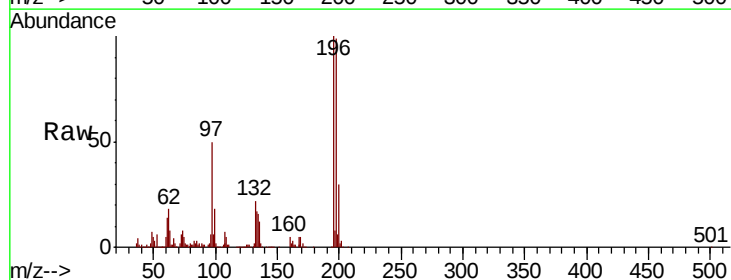
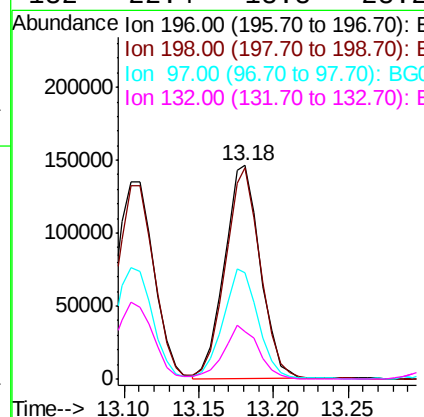
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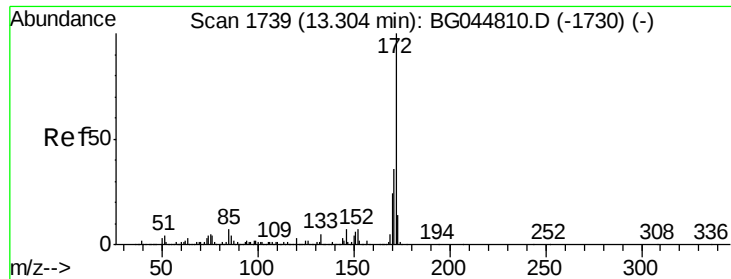
mohammad
 3/20/2020 11:48:06 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.706 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.2	111.4
97	50.0	36.7	55.1
132	22.4	18.8	28.2





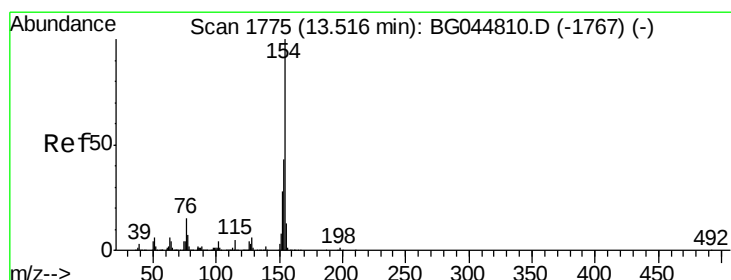
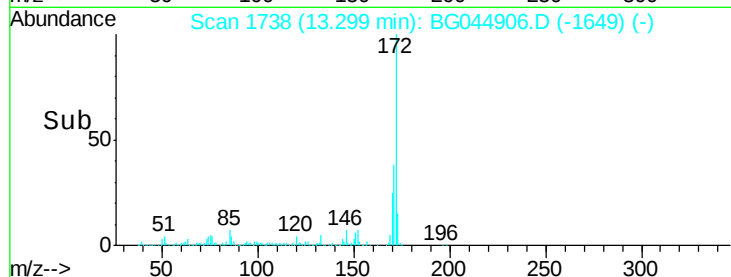
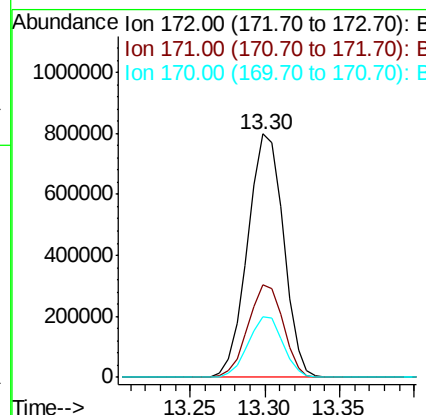
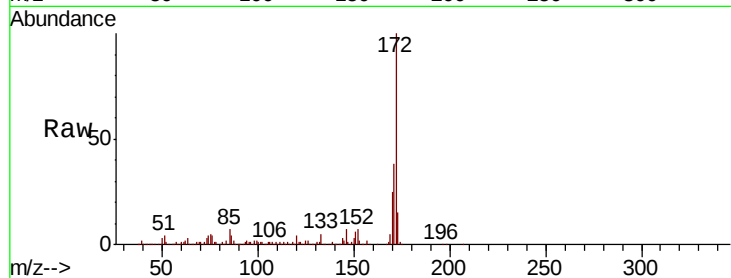
#45
2-Fluorobiphenyl
Concen: 81.873 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.7	43.1
170	24.7	19.0	28.6

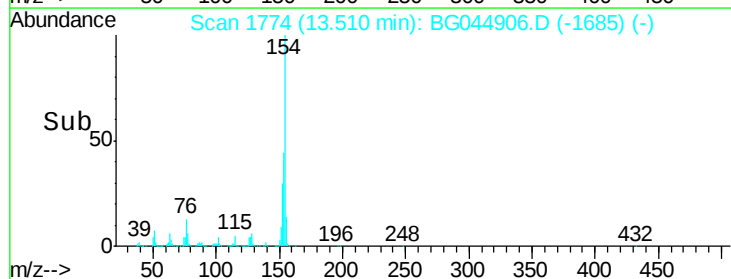
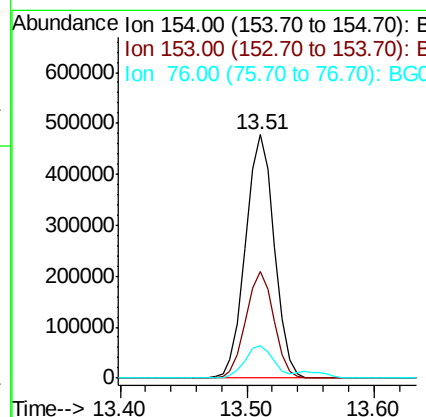
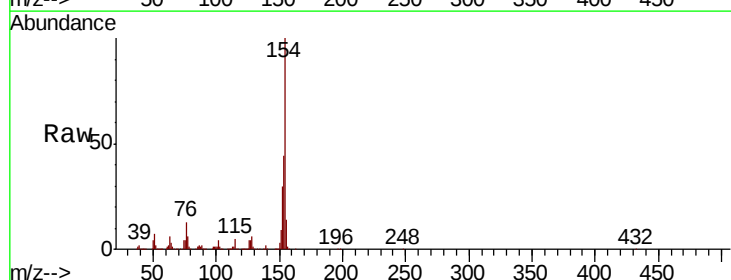
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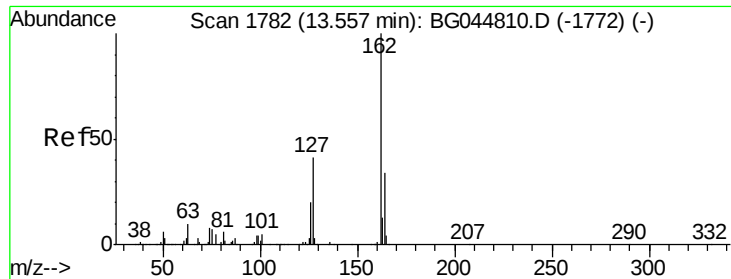
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#46
1,1'-Biphenyl
Concen: 40.496 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	22.9	62.9
76	13.2	0.0	34.6





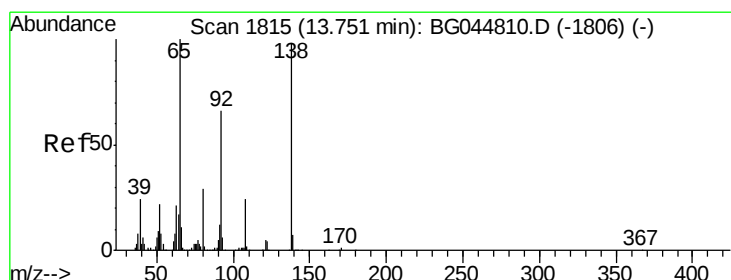
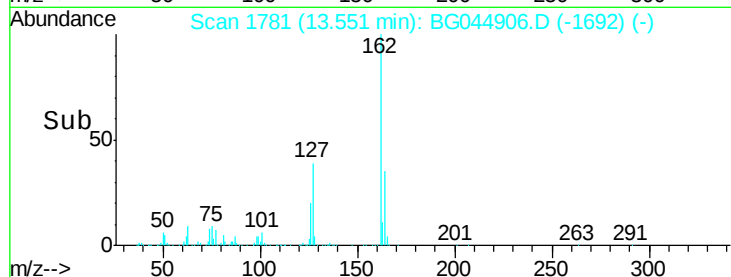
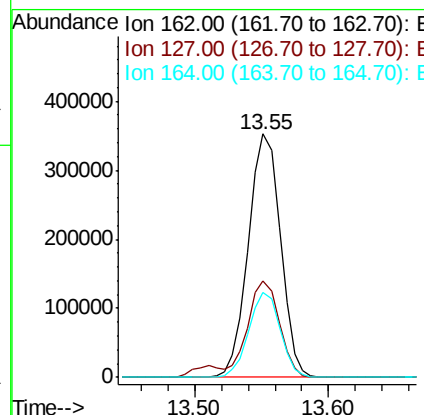
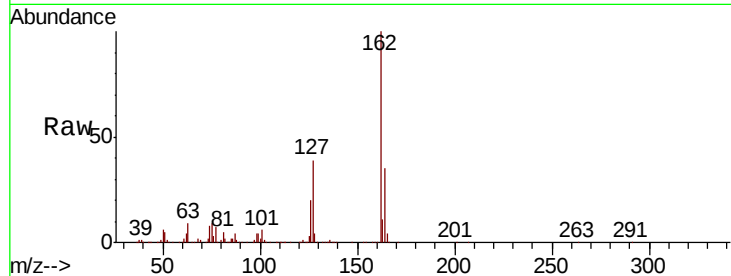
#47
 2-Chloronaphthalene
 Concen: 41.415 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	585583		
127	39.4		33.1	49.7
164	35.1		27.4	41.2

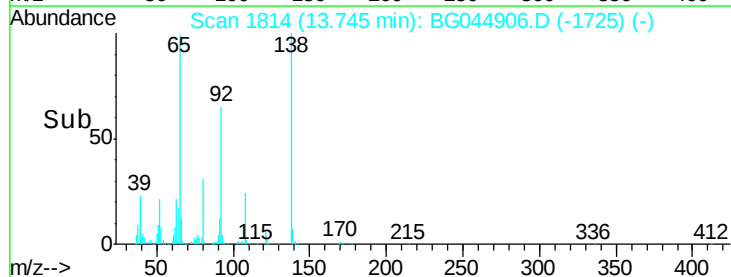
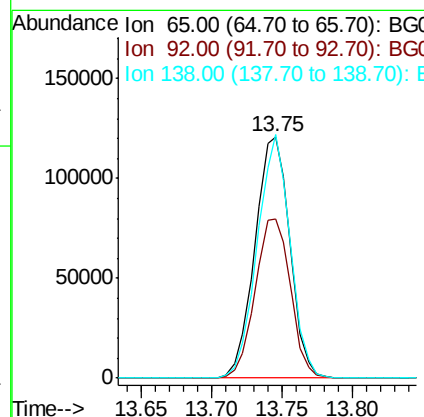
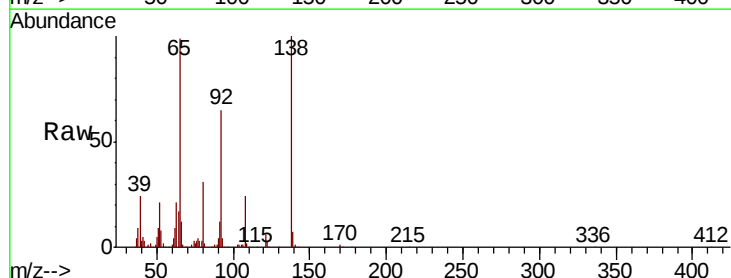
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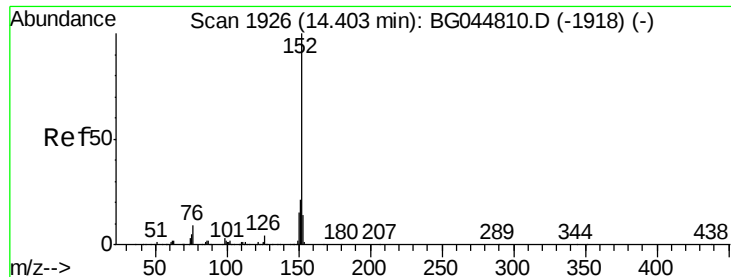
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#48
 2-Nitroaniline
 Concen: 42.483 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	210296		
92	65.7		52.6	79.0
138	100.8		78.3	117.5





#49

Acenaphthylene

Concen: 43.002 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

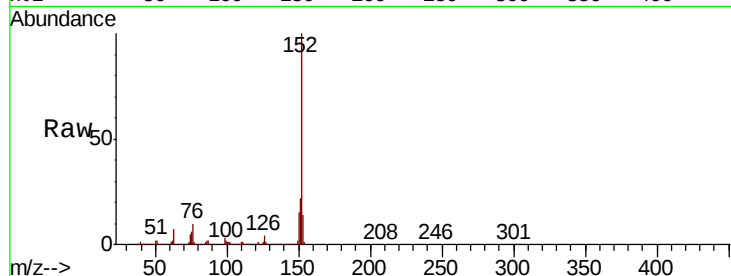
ClientSampleId :

2000448388MSD

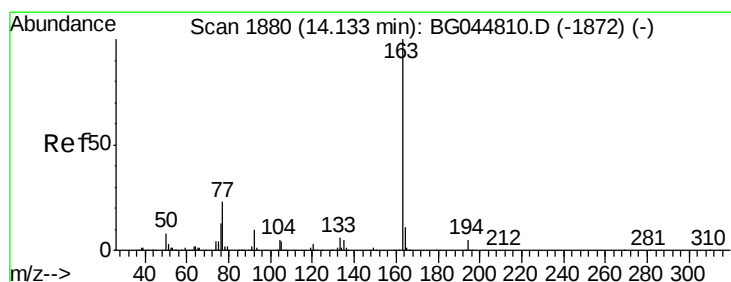
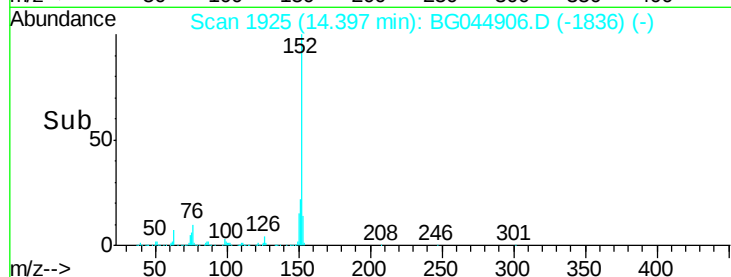
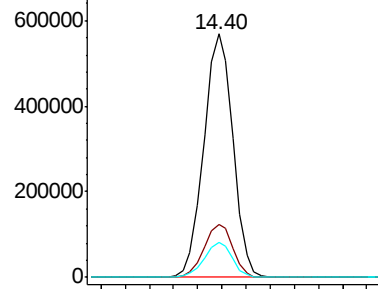
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.8	25.2
153	14.2	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.037 ng

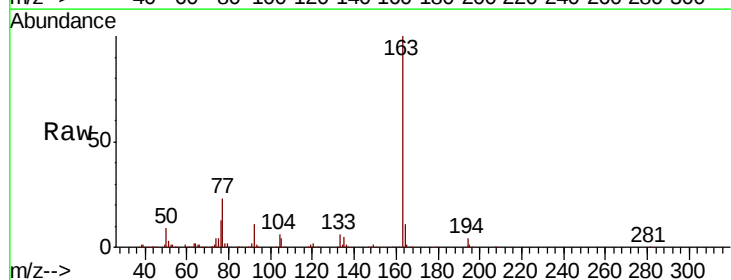
RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

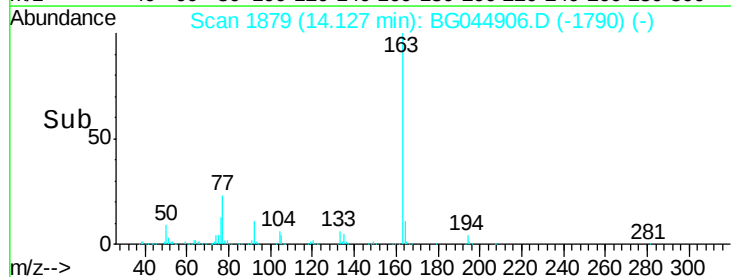
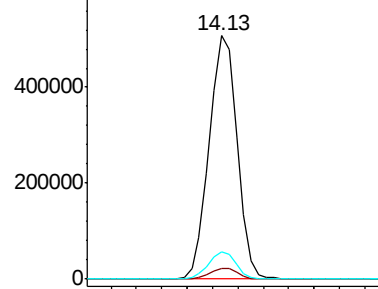
Lab File: BG044906.D

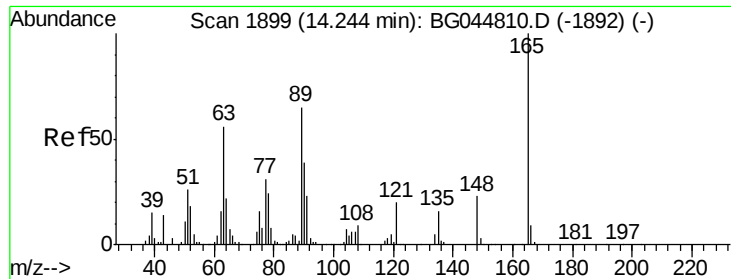
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.2	9.1	13.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





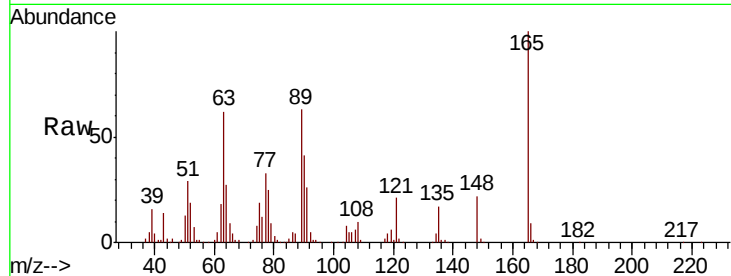
#51
 2,6-Dinitrotoluene
 Concen: 45.676 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

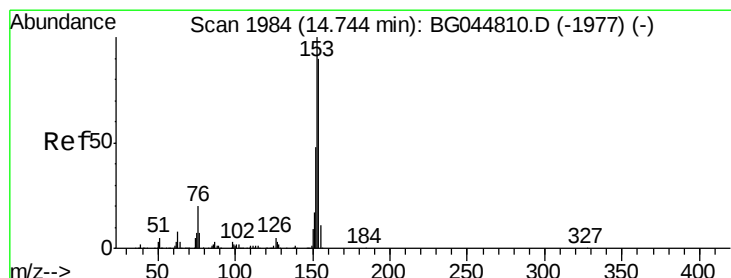
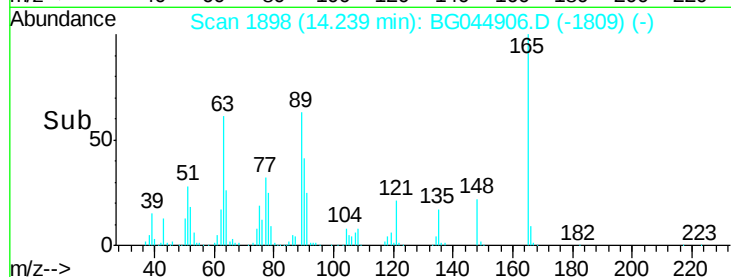
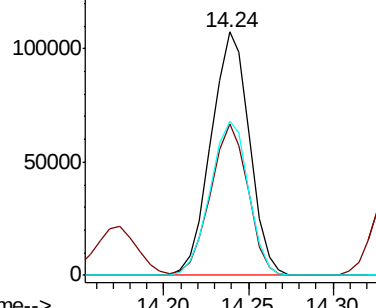
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	45.8	68.8
89	63.1	51.8	77.6

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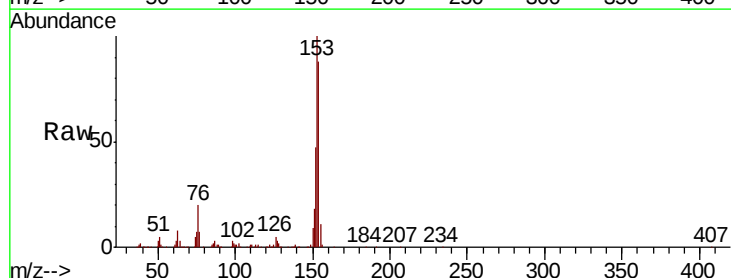


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

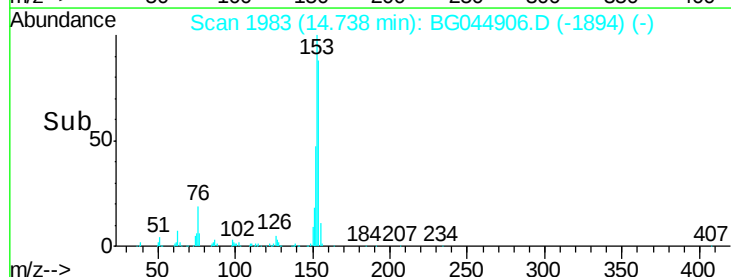
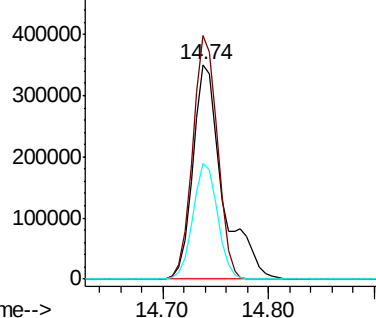


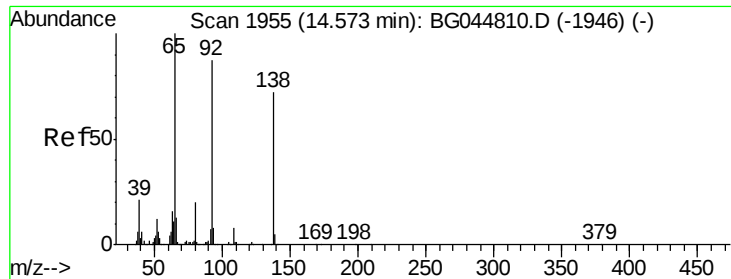
#52
 Acenaphthene
 Concen: 47.459 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.0	133.6
152	53.8	43.0	64.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





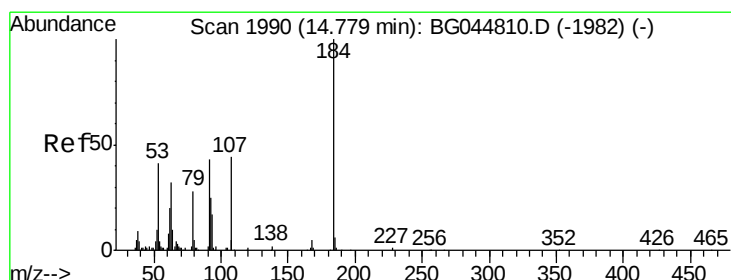
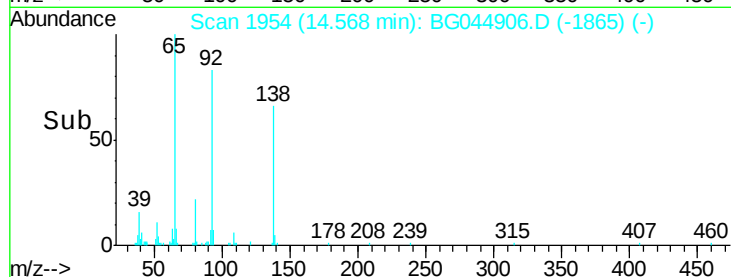
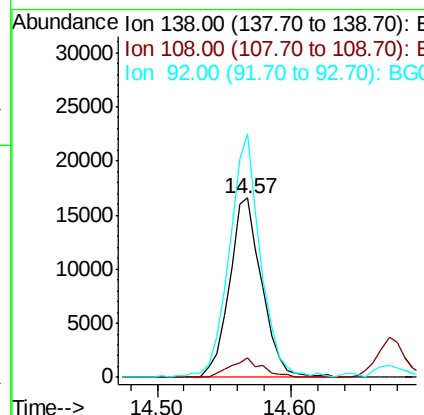
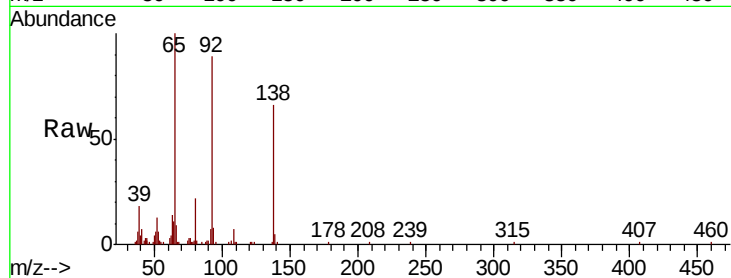
#53
3-Nitroaniline
Concen: 6.552 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	135.6	96.8	145.2

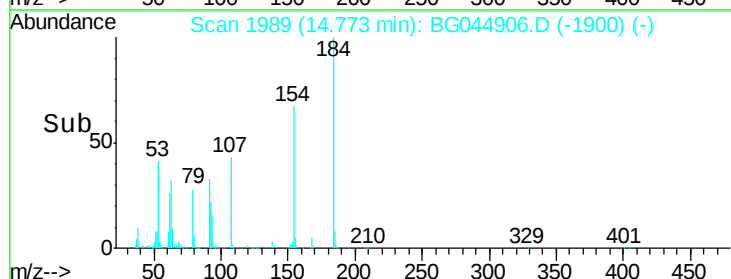
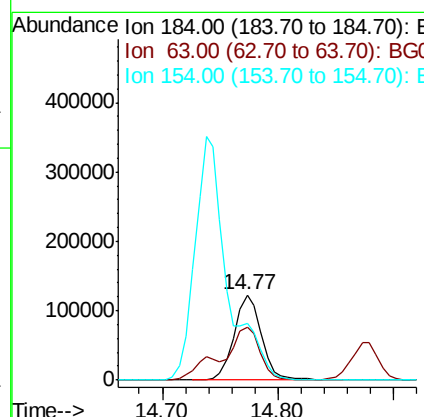
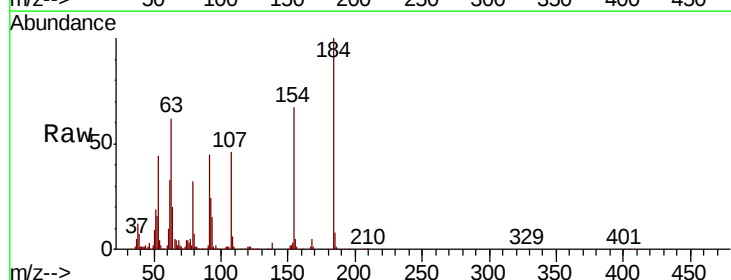
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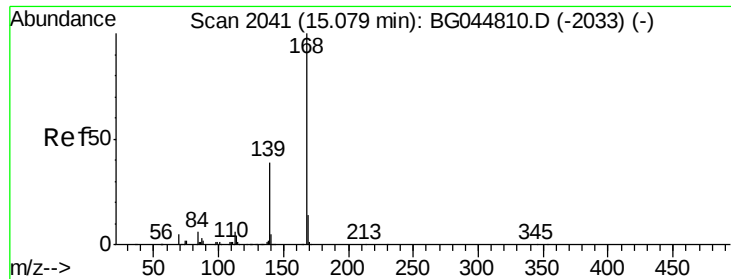
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#54
2,4-Dinitrophenol
Concen: 101.073 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	45.5	68.3
154	66.9	49.1	73.7





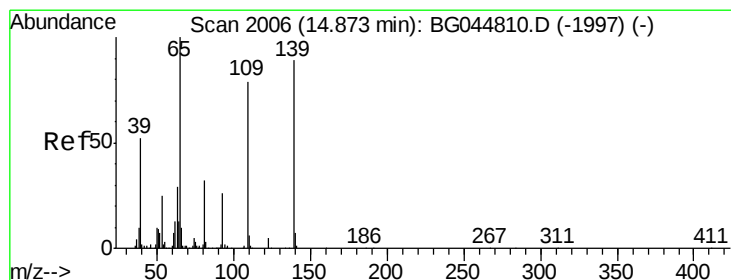
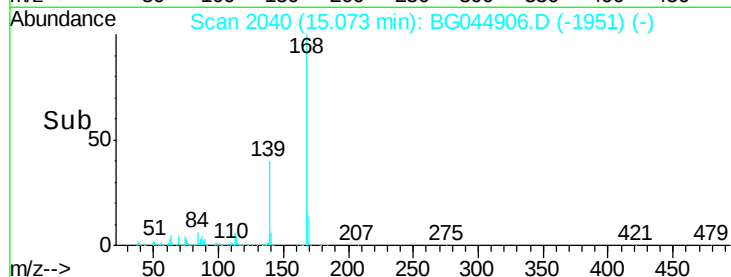
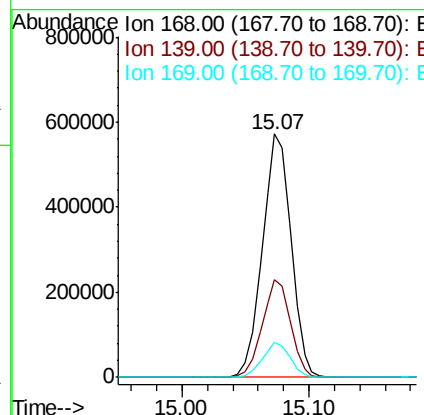
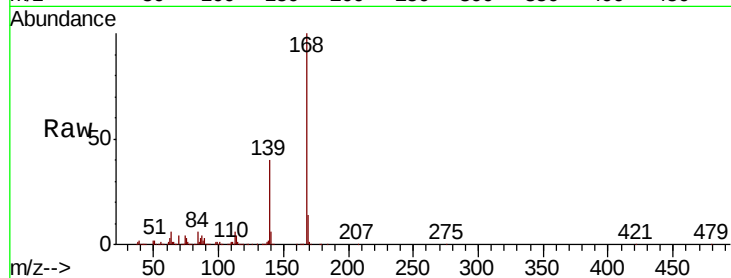
#55
Dibenzofuran
Concen: 42.776 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.0	31.4	47.0	
169	14.3	11.1	16.7	

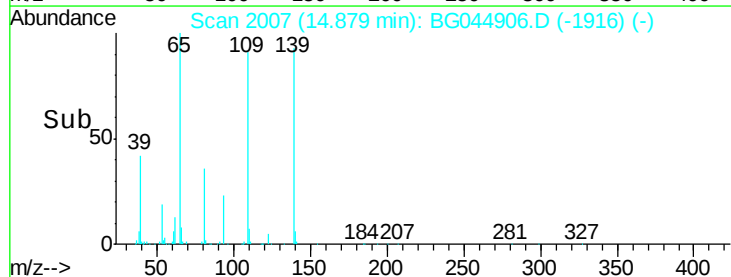
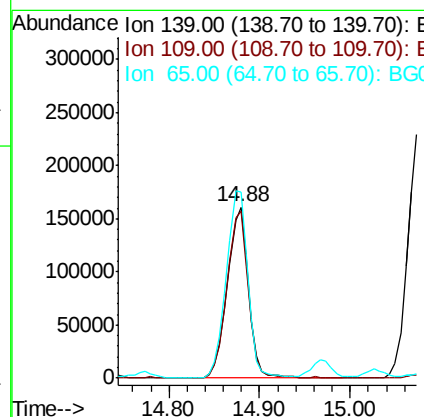
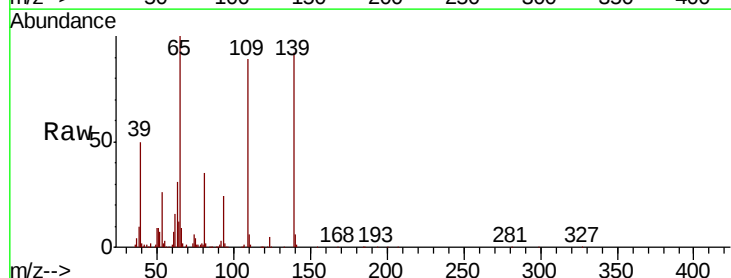
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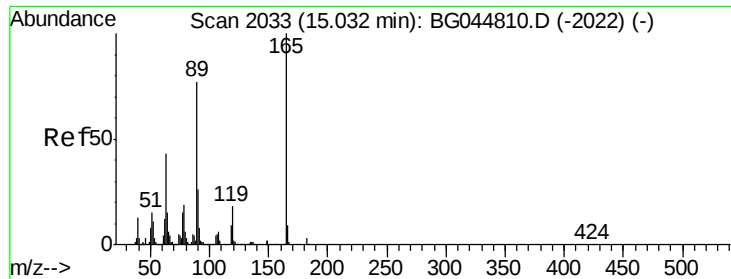
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#56
4-Nitrophenol
Concen: 80.295 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	97.6	68.8	108.8	
65	109.1	92.5	132.5	





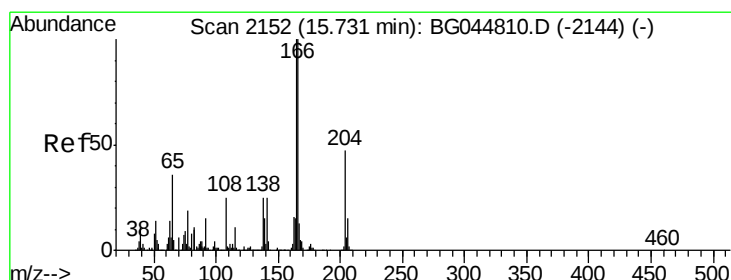
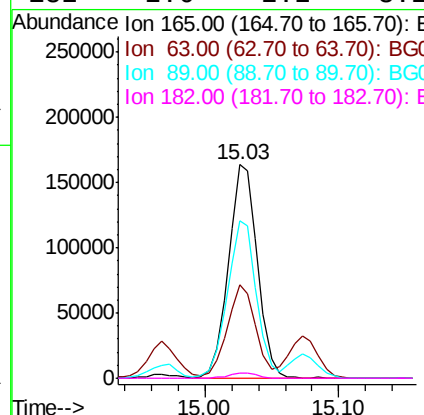
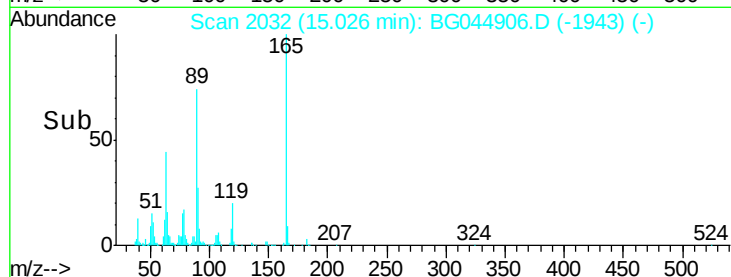
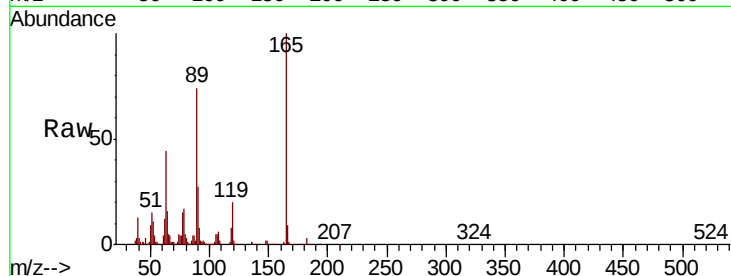
#57
2,4-Dinitrotoluene
Concen: 48.747 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	34.6	52.0
89	73.8	61.3	91.9
182	2.6	2.2	3.2

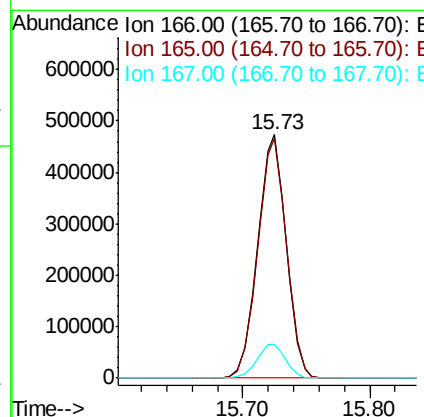
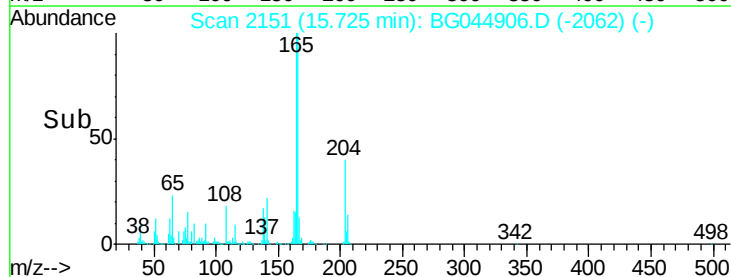
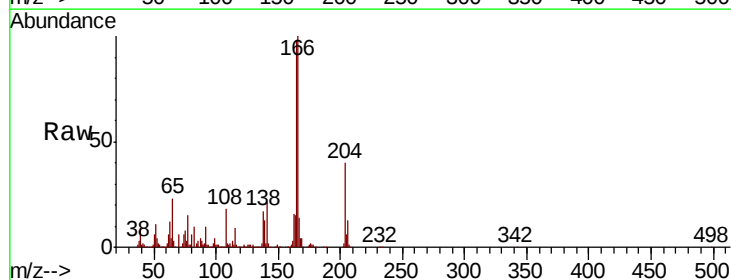
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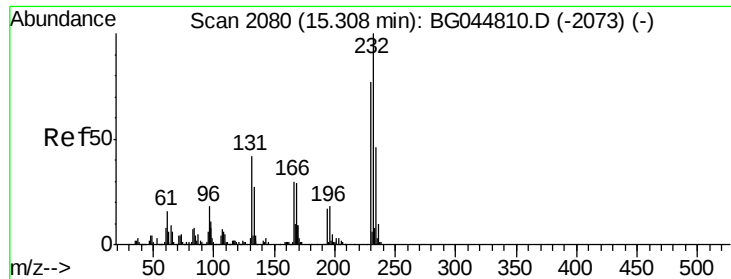
mohammad
3/20/2020 11:48:06 AM



#58
Fluorene
Concen: 42.786 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	13.7	10.6	16.0





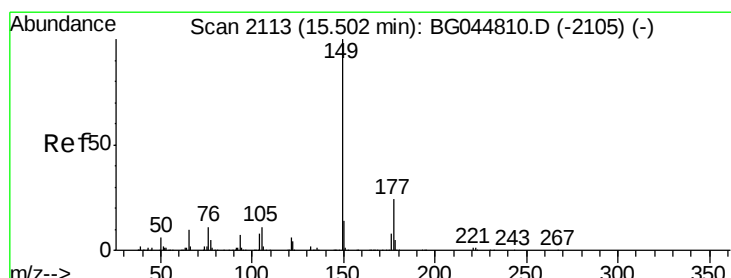
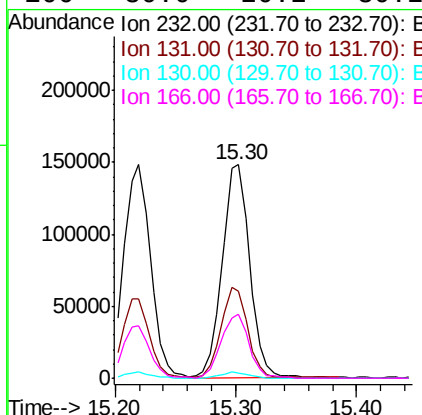
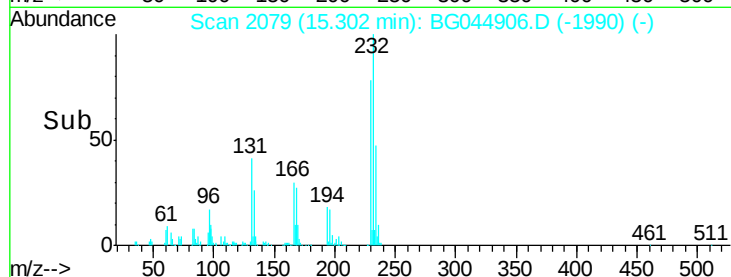
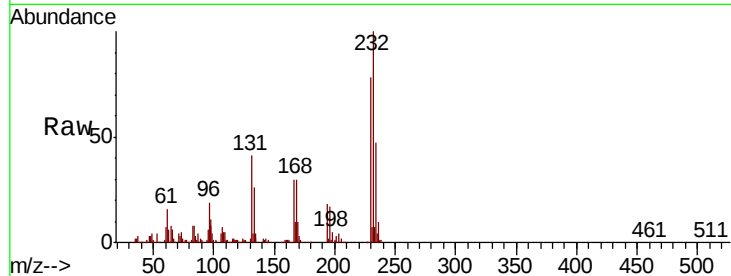
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.230 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	233114		
131	41.5		31.8	47.8
130	2.6		2.2	3.2
166	30.0		20.2	30.2

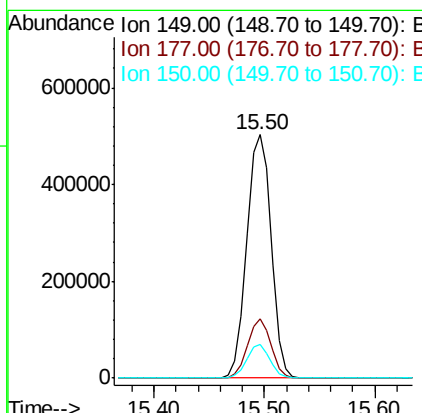
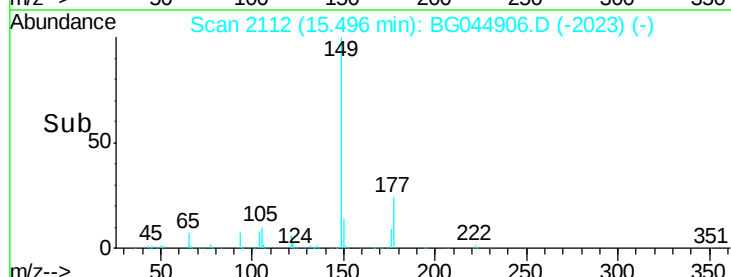
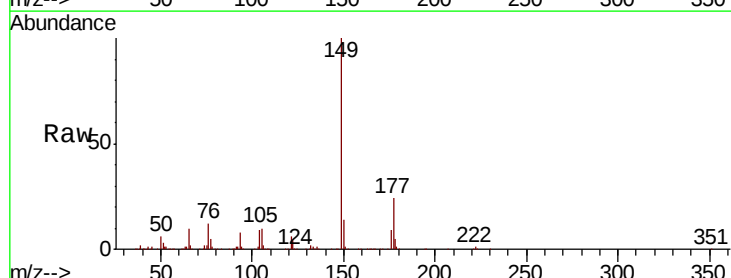
Manual Integrations
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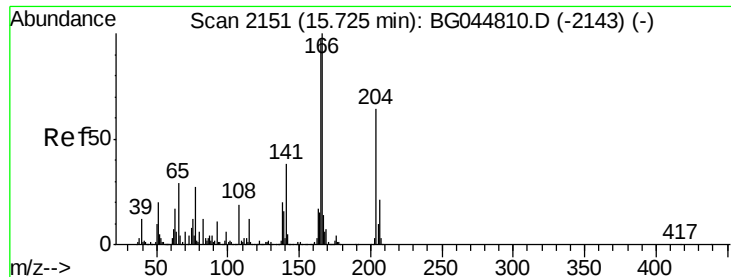
mohammad
 3/20/2020 11:48:06 AM



#60
 Diethylphthalate
 Concen: 40.627 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	781682		
177	24.4		19.3	28.9
150	13.9		11.0	16.6





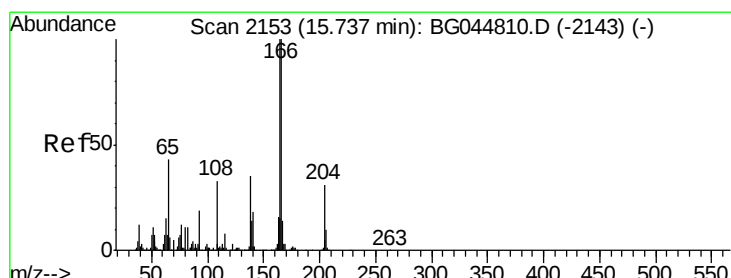
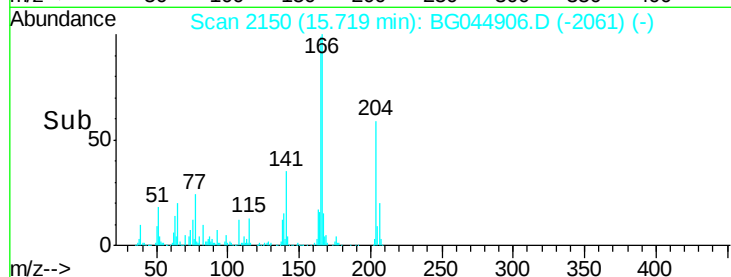
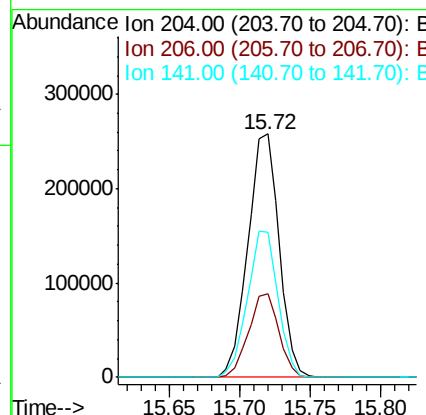
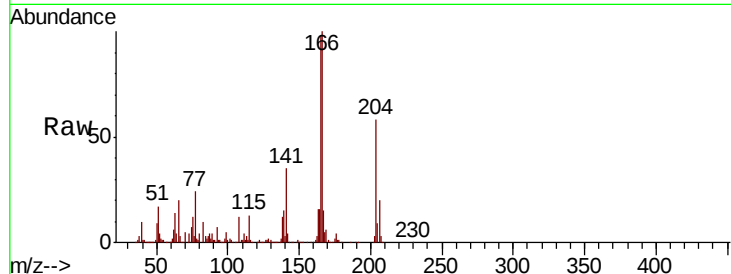
#61
4-Chlorophenyl-phenylether
Concen: 42.919 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	399930		
206	34.5	26.2	39.2	
141	59.5	47.7	71.5	

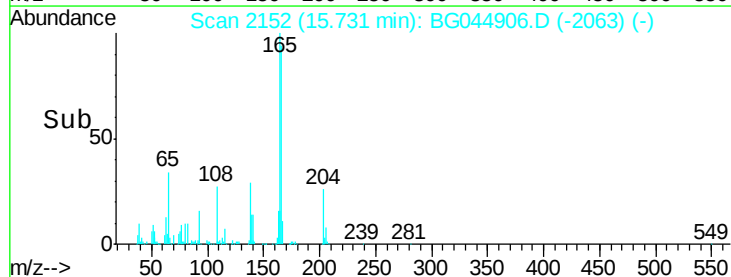
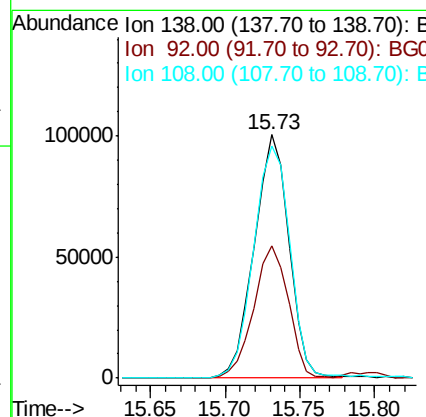
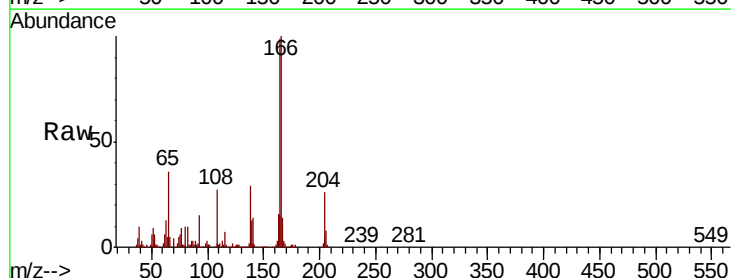
Manual Integrations
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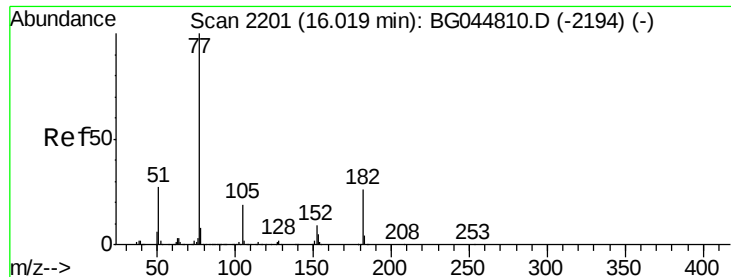
mohammad
3/20/2020 11:48:06 AM



#62
4-Nitroaniline
Concen: 35.412 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	161425		
92	54.2	34.5	74.5	
108	95.5	74.5	114.5	





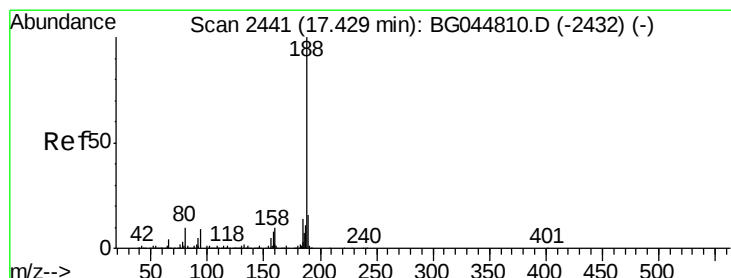
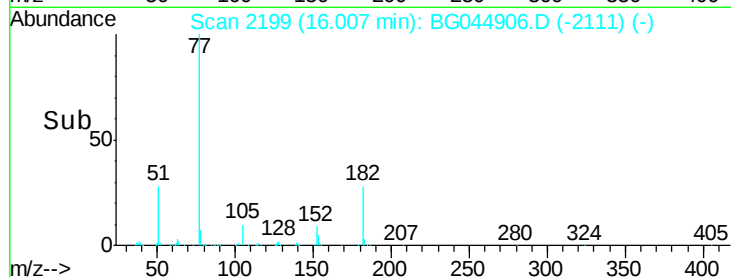
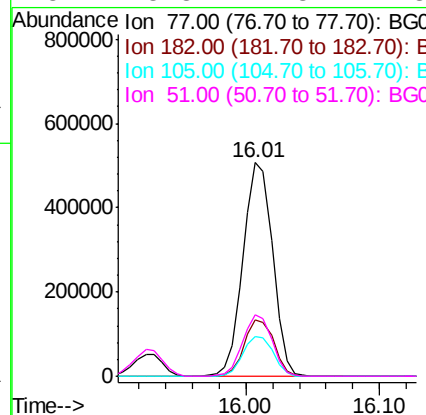
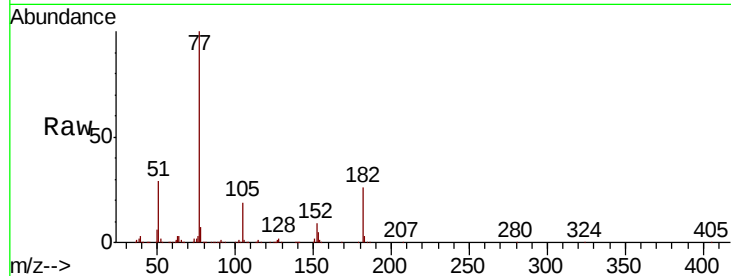
#63
Azobenzene
Concen: 38.871 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.4	6.4	46.4
105	18.9	0.0	39.1
51	28.8	7.3	47.3

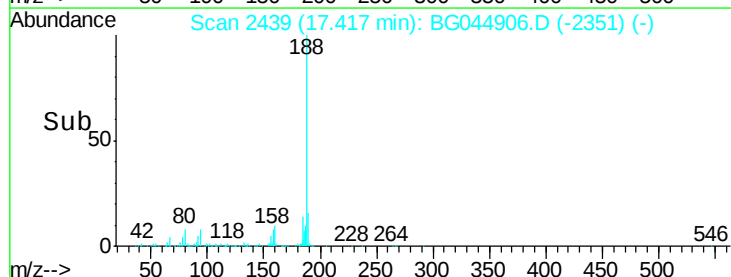
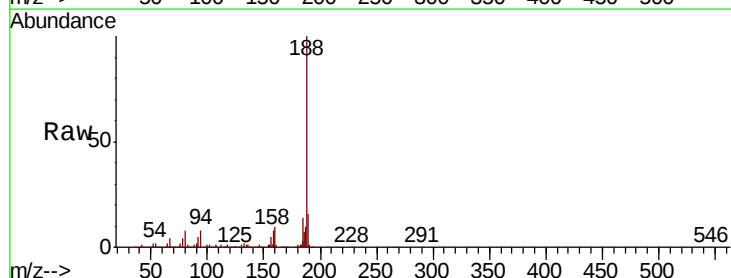
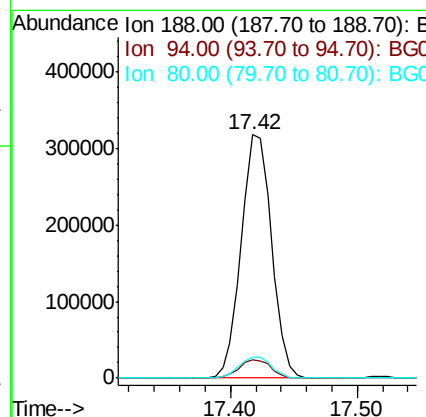
Manual Integrations
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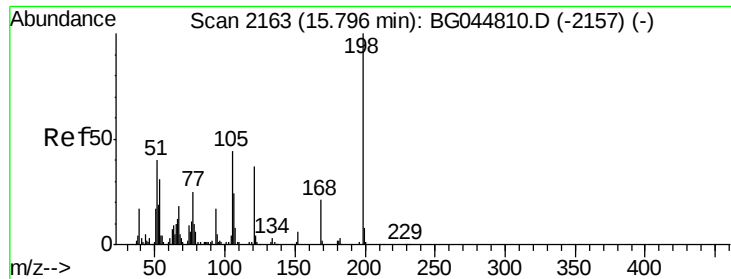
mohammad
3/20/2020 11:48:06 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.3	10.9
80	8.4	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 56.095 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

Tot Ion:198 Resp: 143787

Ion Ratio Lower Upper

198 100

51 40.1 21.1 61.1

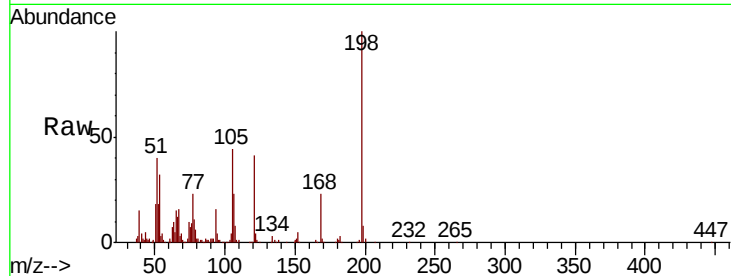
105 44.5 24.5 64.5

Manual Integrations

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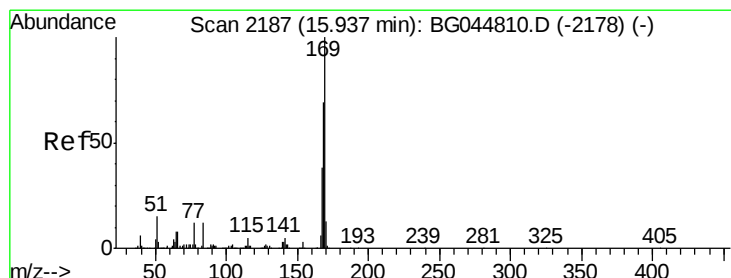
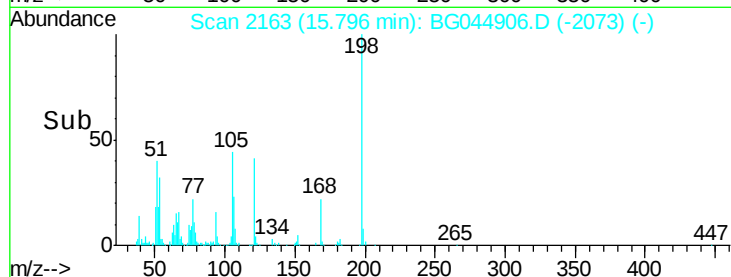
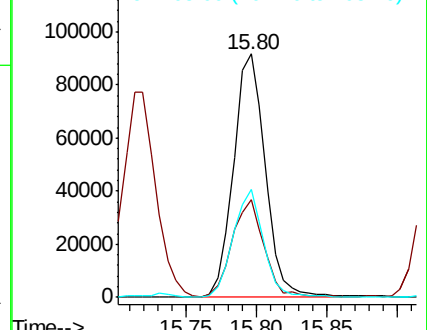
3/20/2020 11:48:06 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.534 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

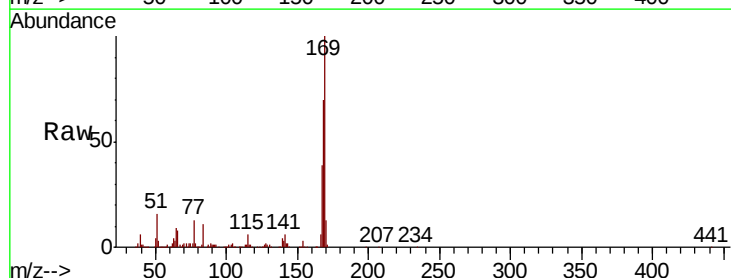
Tgt Ion:169 Resp: 662787

Ion Ratio Lower Upper

169 100

168 69.9 55.4 83.2

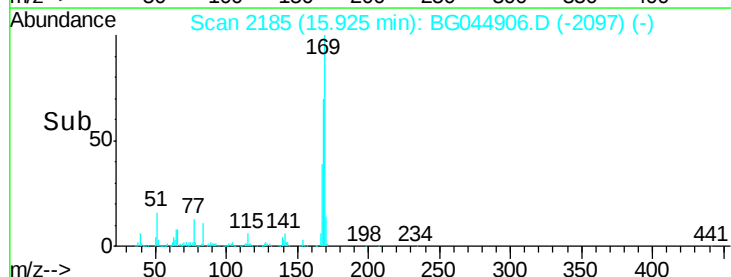
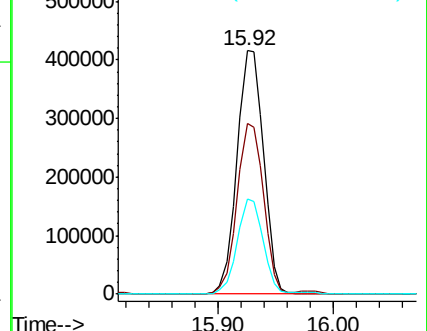
167 39.3 30.1 45.1

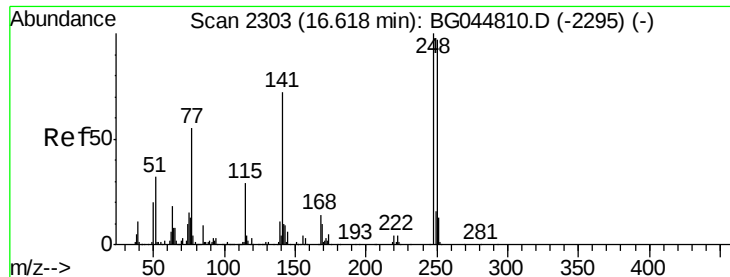


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





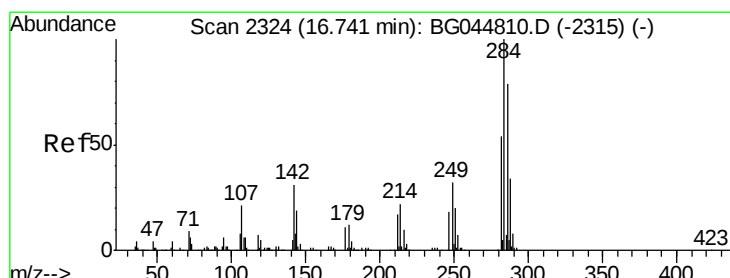
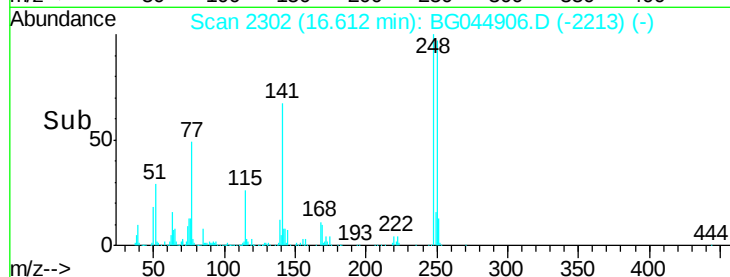
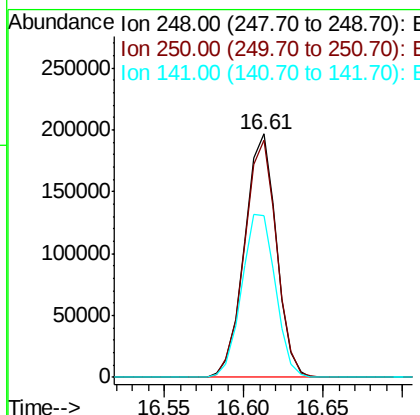
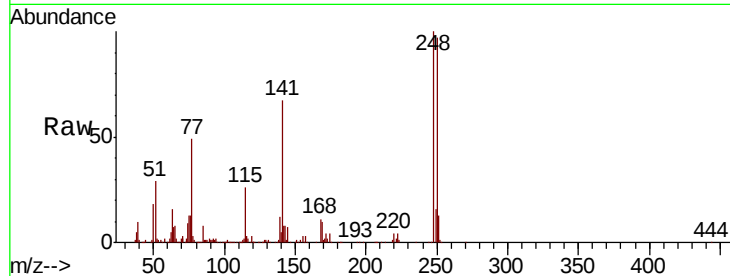
#67
4-Bromophenyl-phenylether
Concen: 41.366 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.9	116.9
141	66.6	57.5	86.3

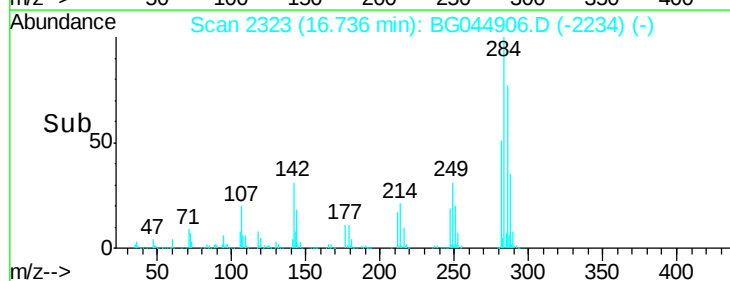
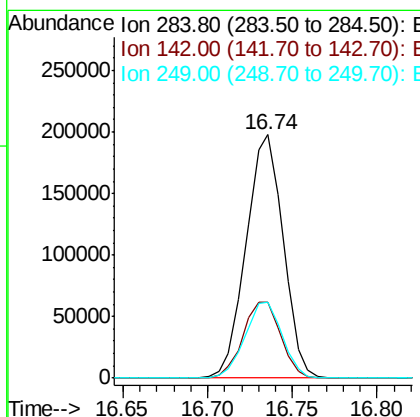
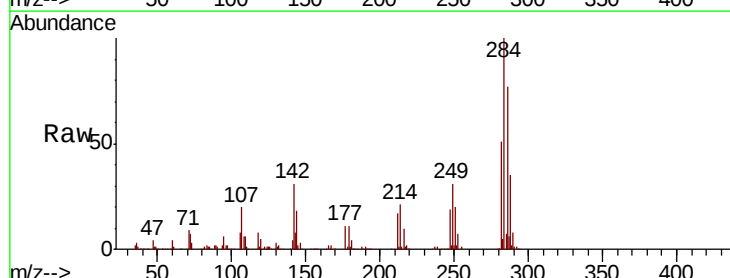
Manual Integrations
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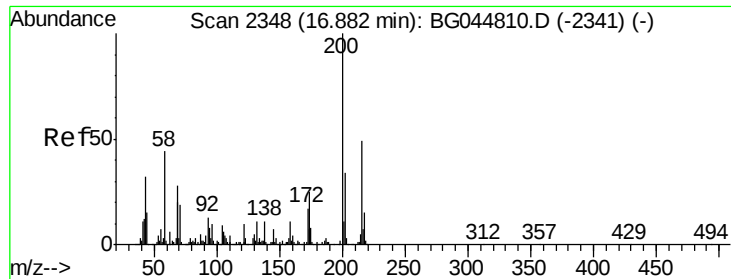
mohammad
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#68
Hexachlorobenzene
Concen: 42.031 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	25.0	37.6
249	31.0	25.8	38.8





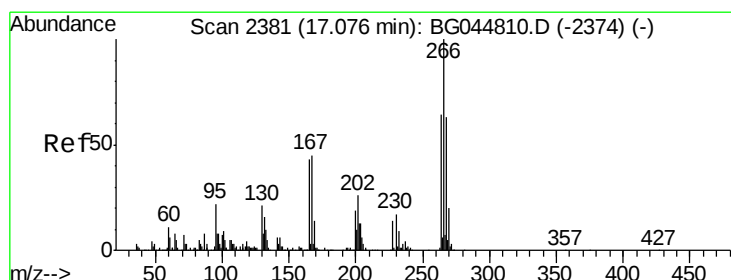
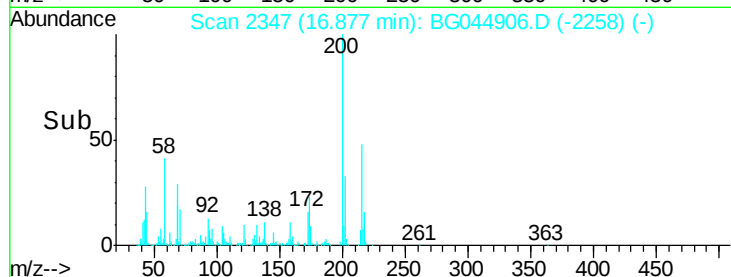
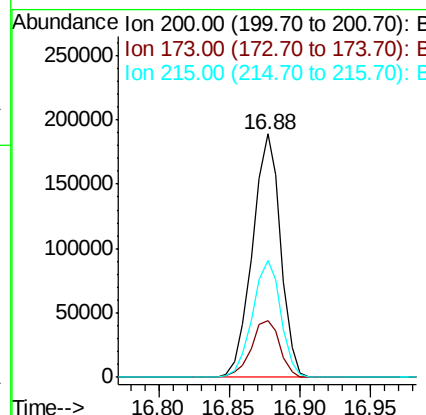
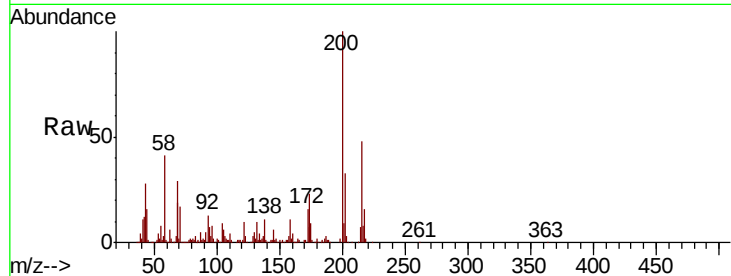
#69
Atrazine
Concen: 45.204 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.3	45.3
215	48.1	28.9	68.9

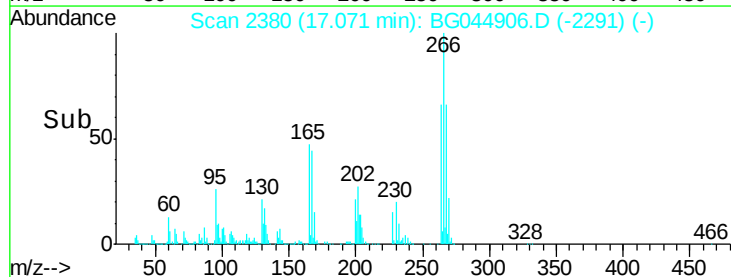
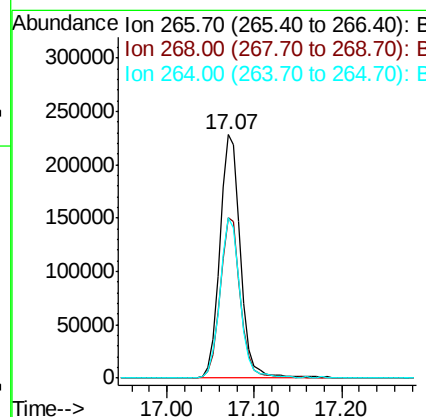
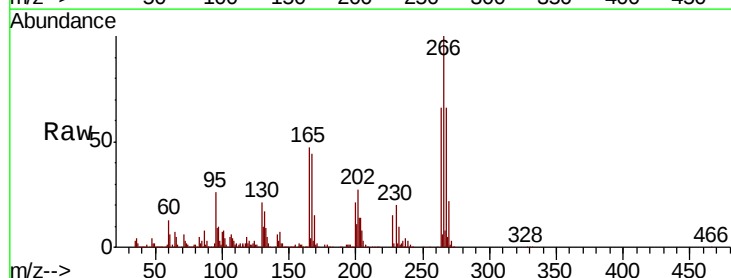
Manual Integrations
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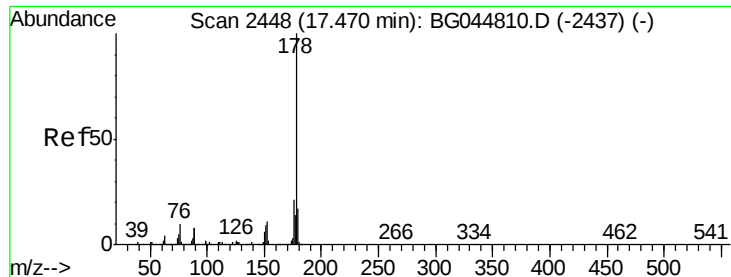
mohammad
3/20/2020 11:48:06 AM



#70
Pentachlorophenol
Concen: 94.581 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.3	75.5
264	65.8	51.4	77.2





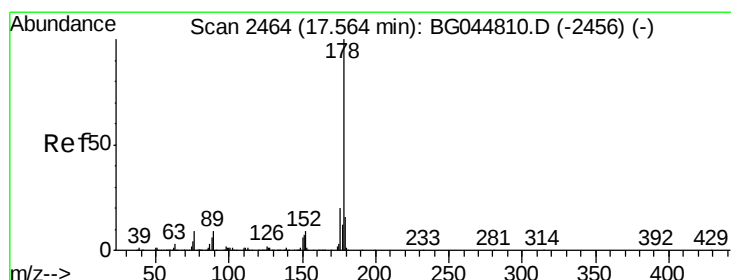
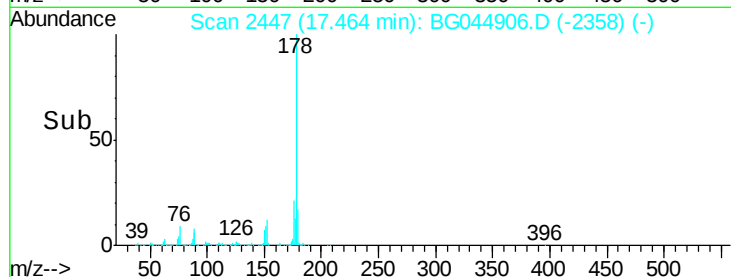
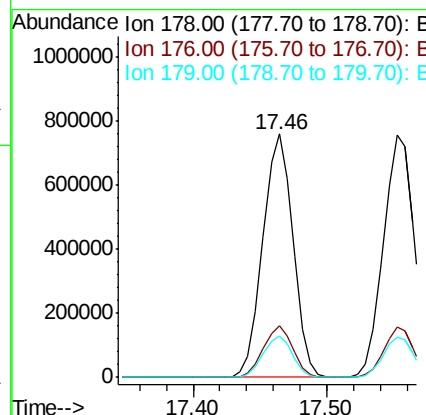
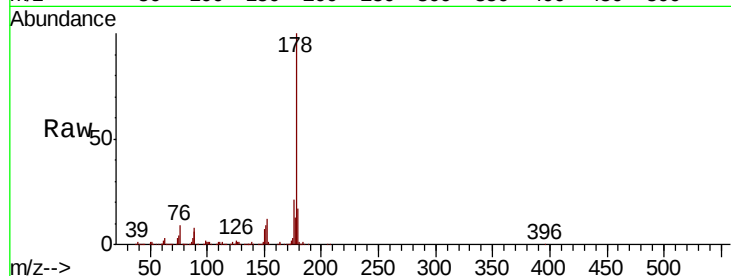
#71
Phenanthrene
Concen: 41.889 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.6	24.8
179	16.8	13.5	20.3

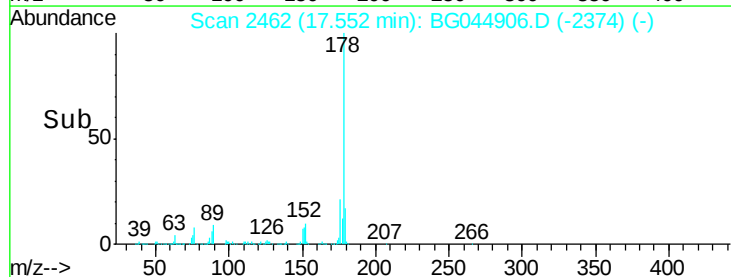
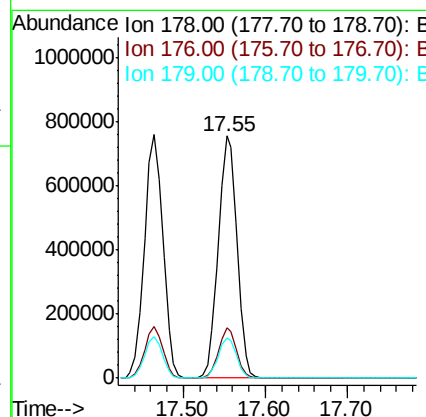
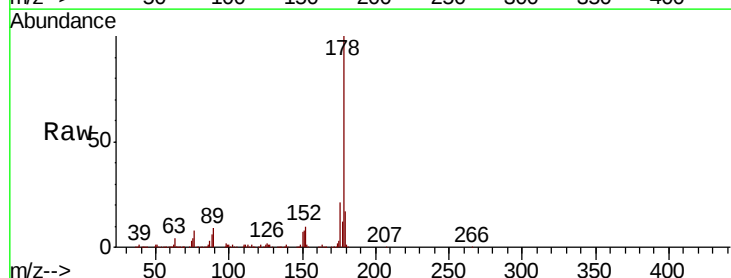
Manual Integrations
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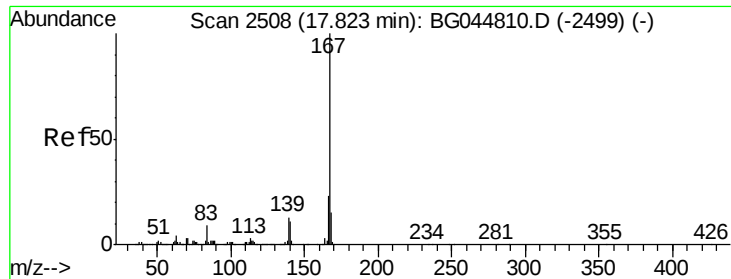
mohammad
3/20/2020 11:48:06 AM



#72
Anthracene
Concen: 43.128 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.9	23.9
179	16.6	13.2	19.8





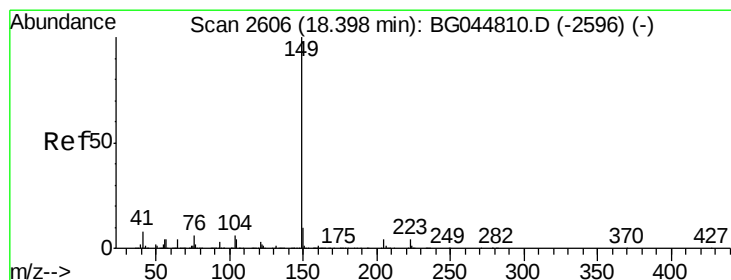
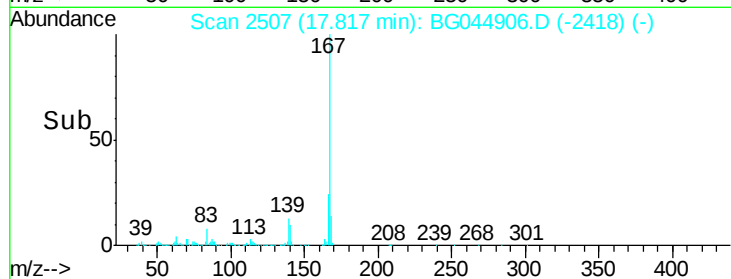
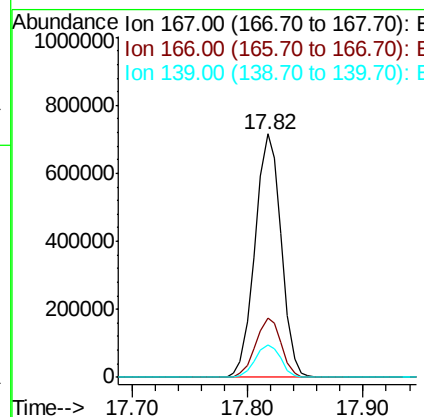
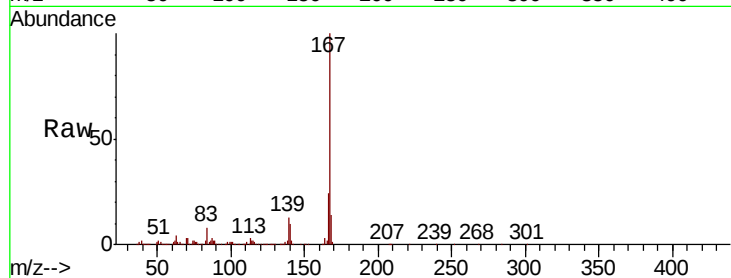
#73
 Carbazole
 Concen: 42.146 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.8	28.2
139	13.3	10.8	16.2

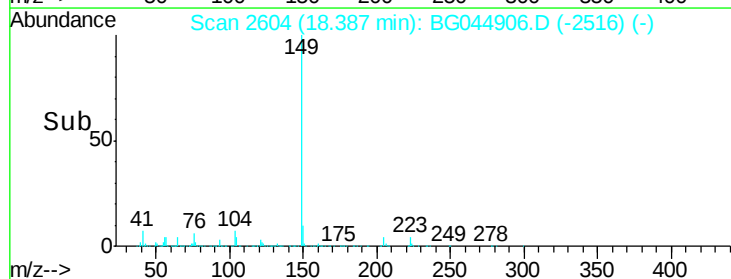
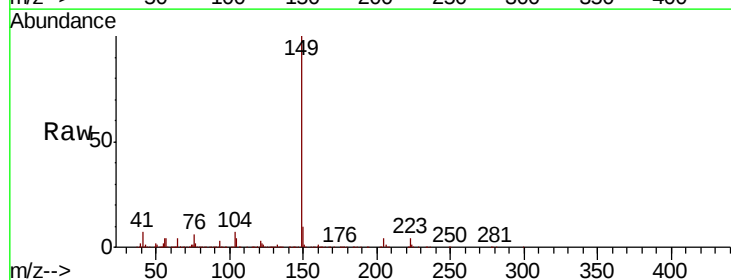
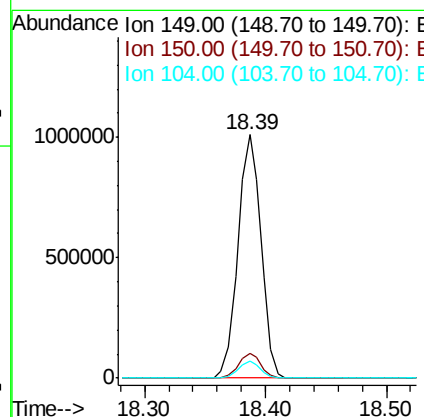
Manual Integrations
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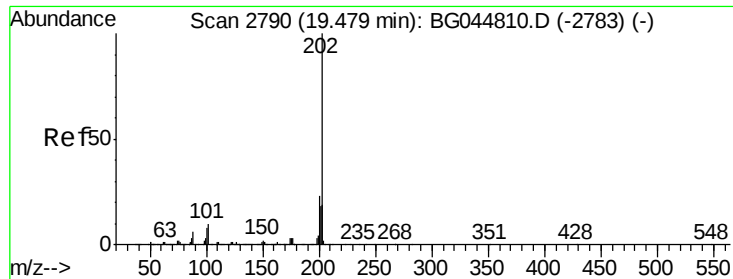
mohammad
 3/20/2020 11:48:06 AM



#74
 Di-n-butylphthalate
 Concen: 41.101 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 44.003 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

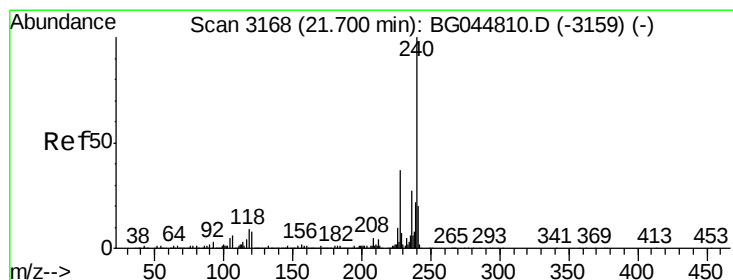
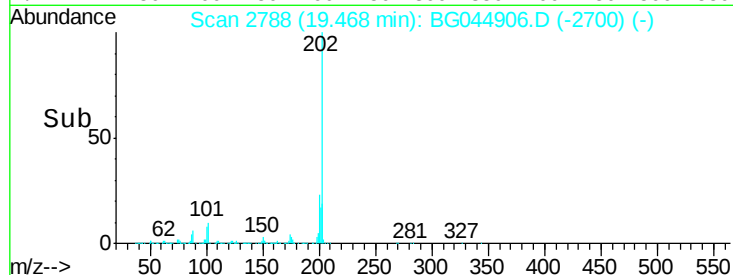
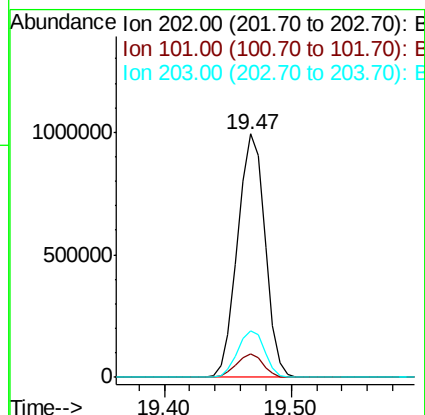
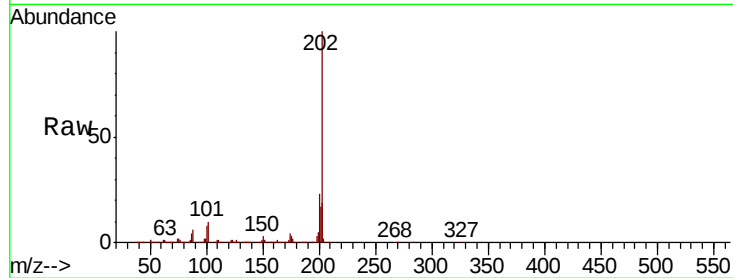
ClientSampleId :

2000448388MSD

Tot Ion:	202	Resp:	1483976
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.8
203	18.9	0.0	39.4

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#76

Chrysene-d12

Concen: 20.000 ng

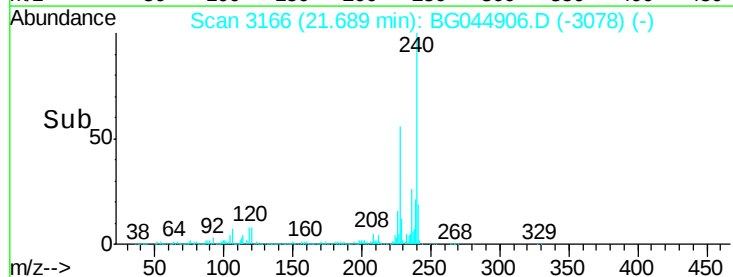
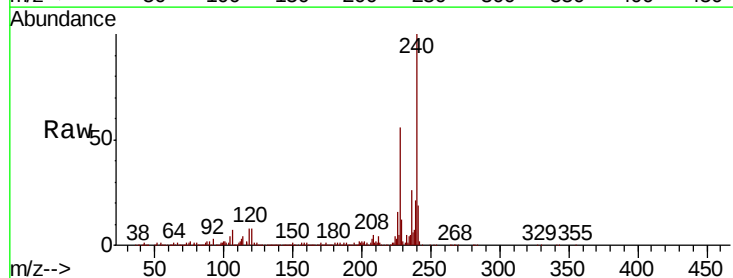
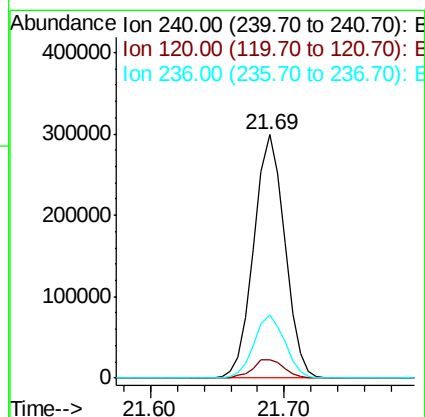
RT: 21.69 min Scan# 3166

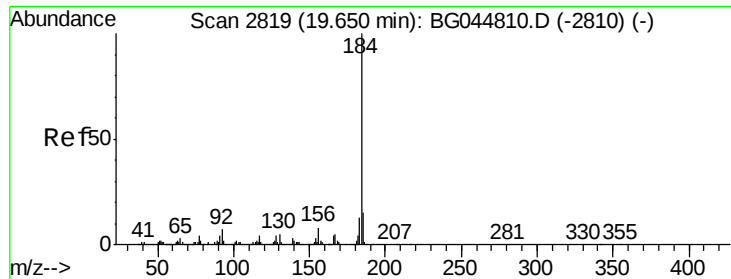
Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	240	Resp:	480302
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.7	10.1
236	26.2	21.5	32.3





#77

Benzidine

Concen: 18.234 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

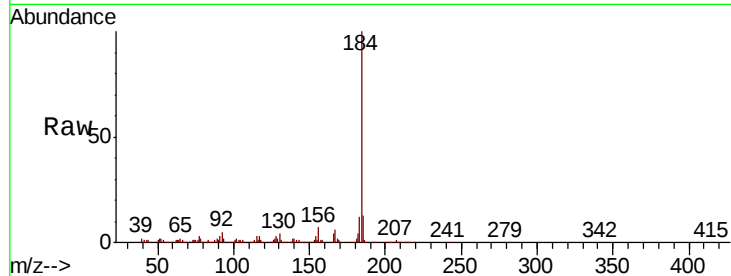
ClientSampleId :

2000448388MSD

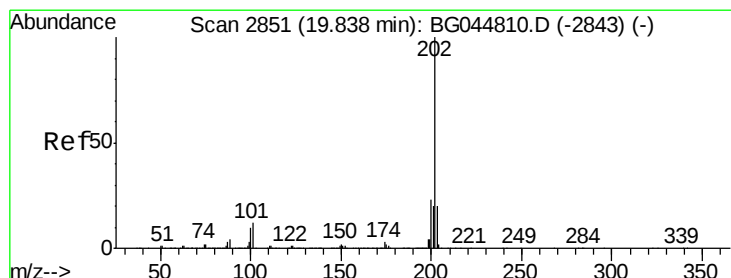
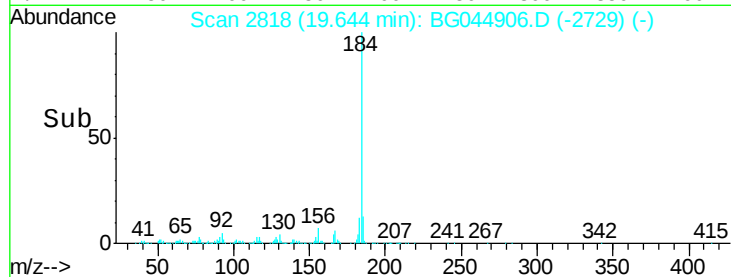
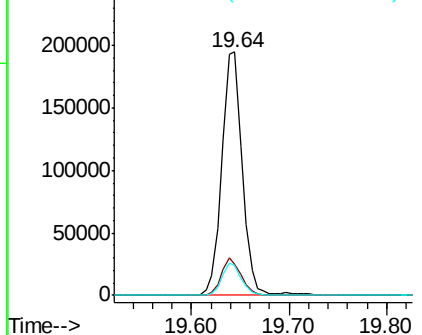
Tot Ion:	184	Resp:	284311
Ion Ratio	Lower	Upper	
184	100		
185	12.7	12.2	18.4
183	12.4	10.7	16.1

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



#78

Pyrene

Concen: 41.592 ng

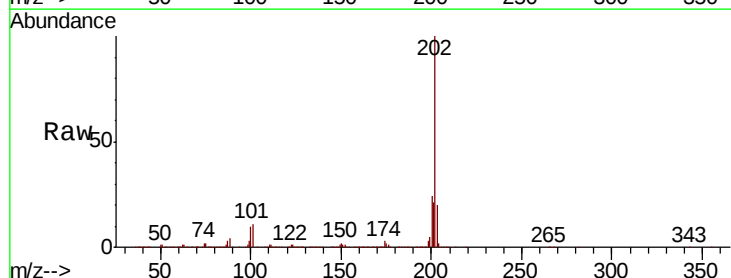
RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

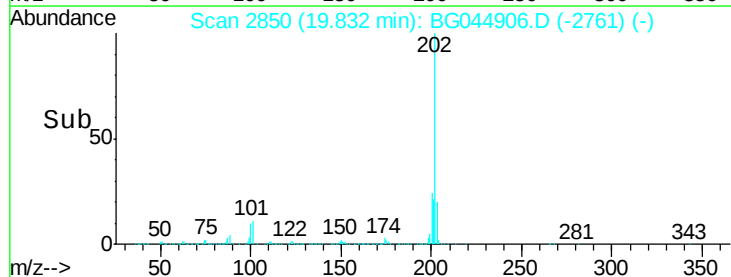
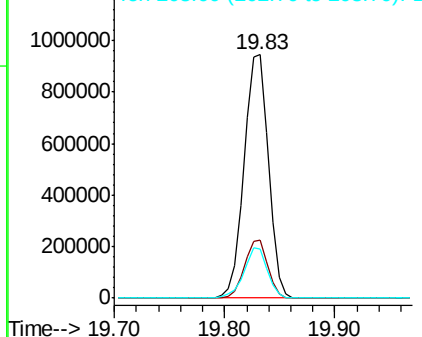
Lab File: BG044906.D

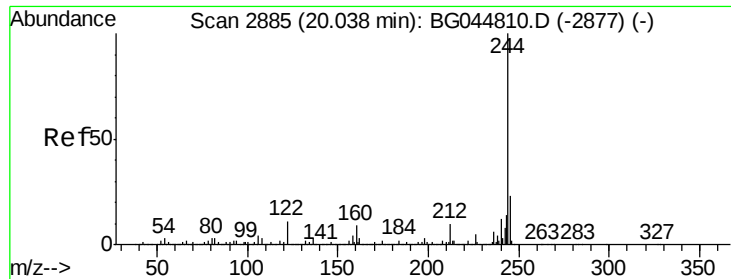
Acq: 19 Mar 2020 20:55

Tgt Ion:	202	Resp:	1465623
Ion Ratio	Lower	Upper	
202	100		
200	24.1	18.3	27.5
203	19.9	15.6	23.4



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





#79

Terphenyl-d14

Concen: 83.897 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

Tot Ion:244 Resp: 2154216

Ion Ratio Lower Upper

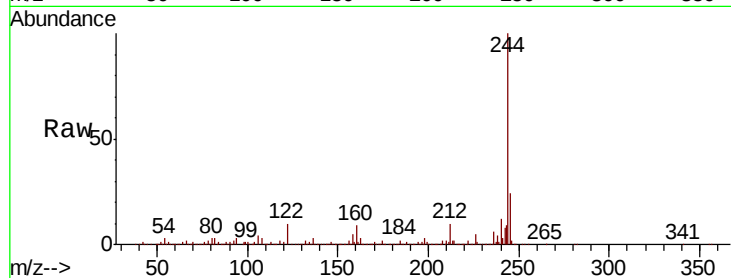
244 100

212 9.8 7.7 11.5

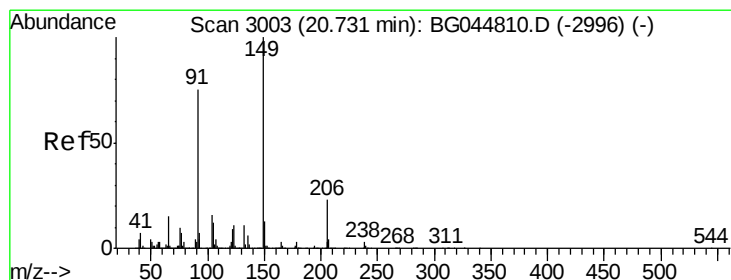
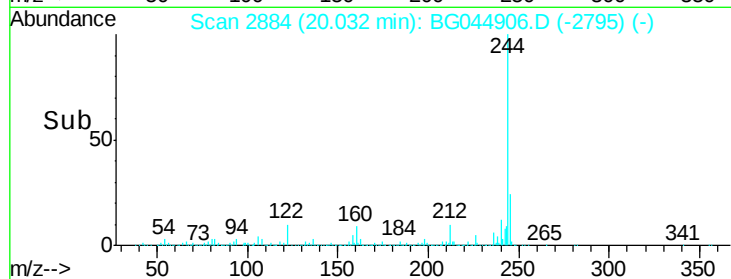
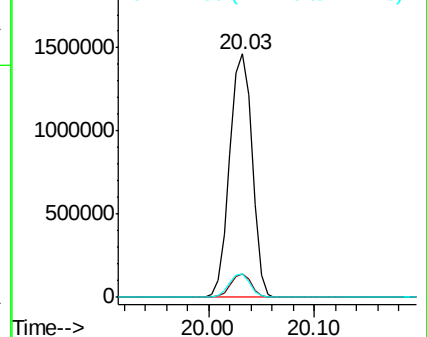
122 9.7 8.6 12.8

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Abundance Ion 244.00 (243.70 to 244.70): E
2000000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.330 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

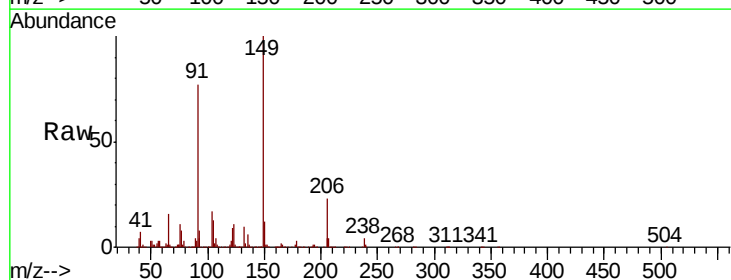
Tgt Ion:149 Resp: 632237

Ion Ratio Lower Upper

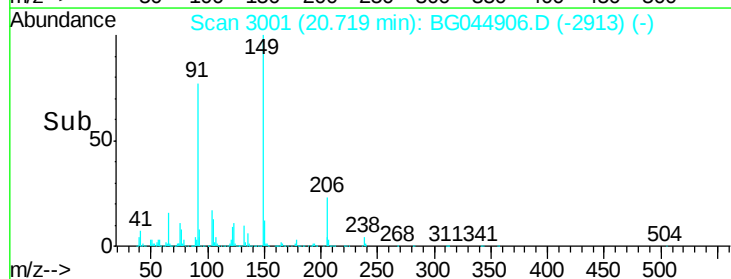
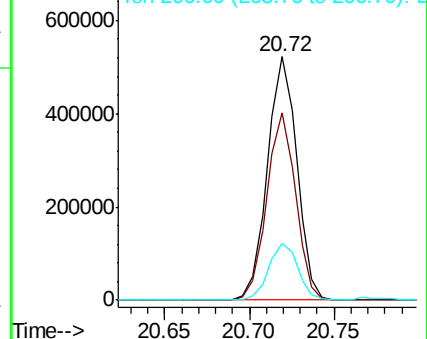
149 100

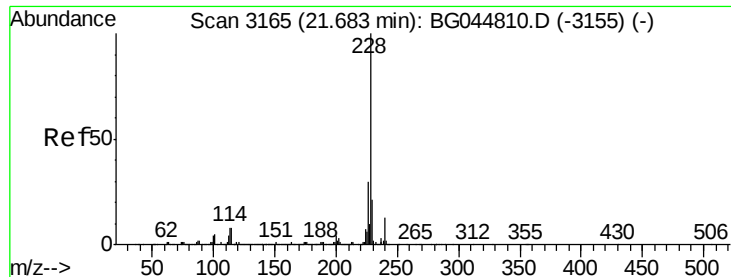
91 76.8 60.2 90.4

206 23.3 18.6 27.8



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: 41.668 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

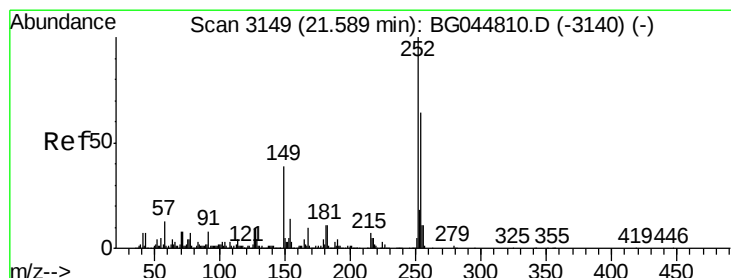
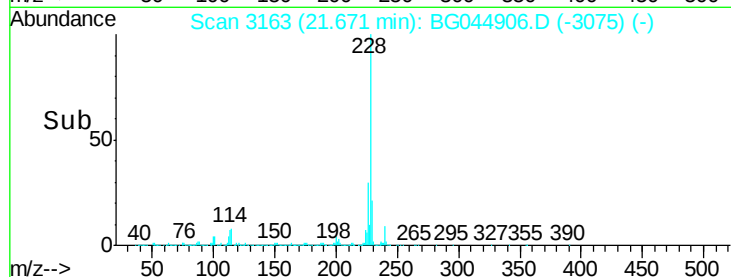
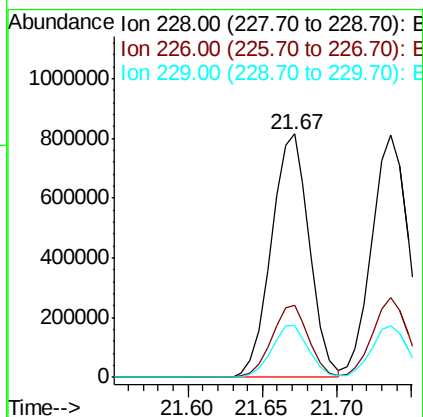
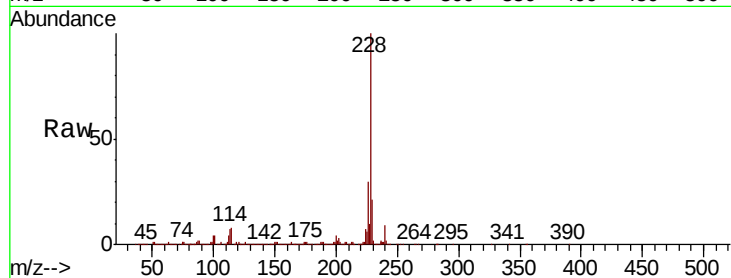
ClientSampleId :

2000448388MSD

Tot Ion:	228	Resp:	1441109
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	21.1	17.1	25.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 10.507 ng

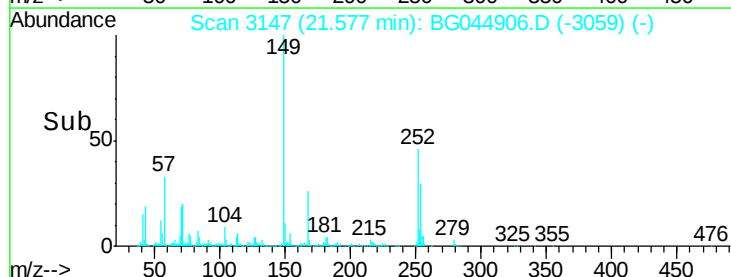
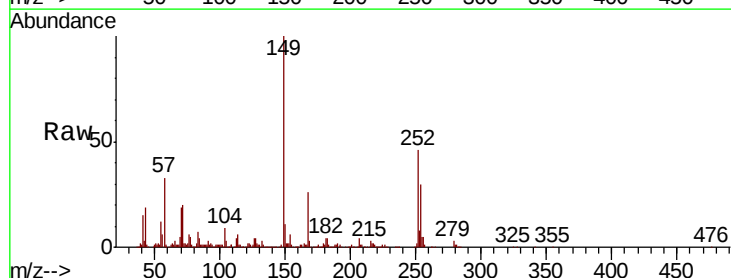
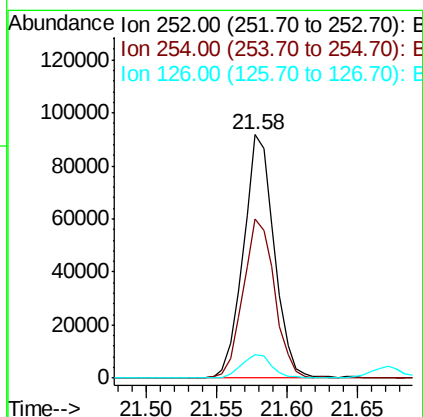
RT: 21.58 min Scan# 3147

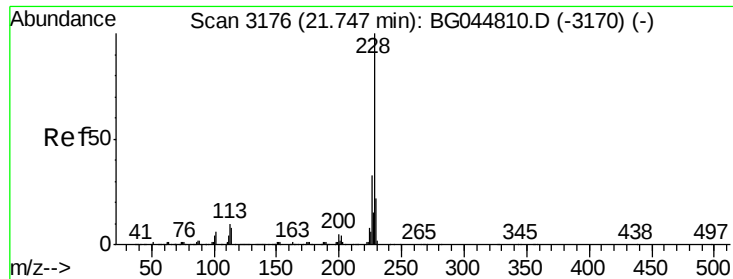
Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Tgt Ion:	252	Resp:	140579
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.6	77.4
126	9.4	7.0	10.6





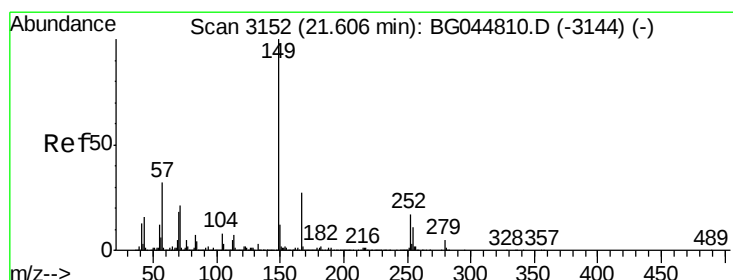
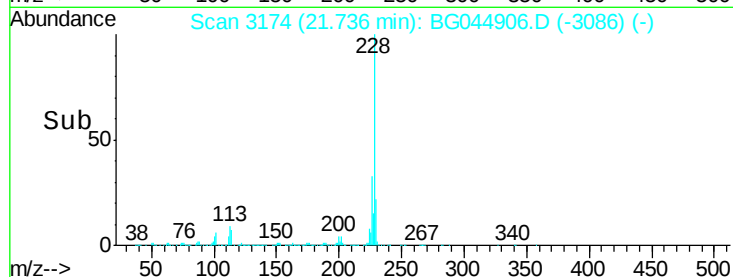
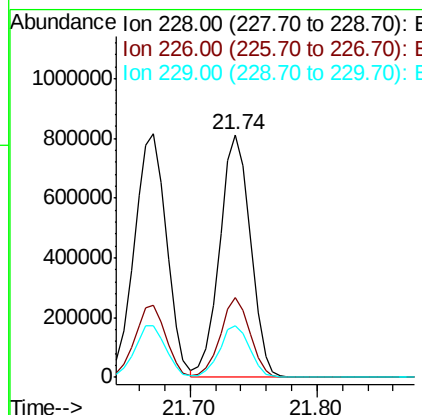
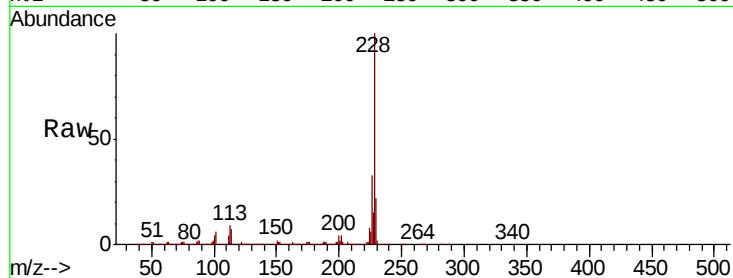
#83
 Chrysene
 Concen: 41.272 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Instrument :
 BNA_G
 ClientSampleId :
 2000448388MSD

Tot Ion:	228	Resp:	1363497
Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.9	38.9
229	21.5	17.4	26.0

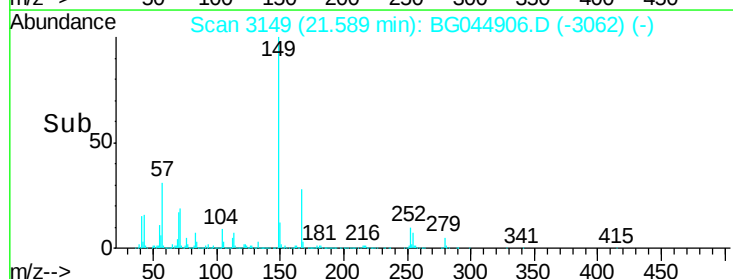
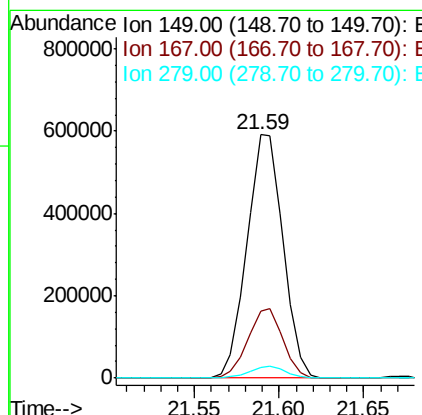
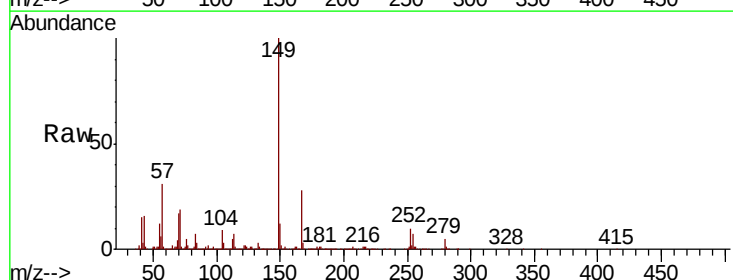
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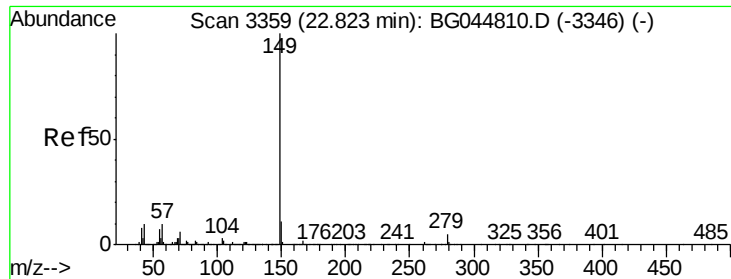
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.567 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG044906.D
 Acq: 19 Mar 2020 20:55

Tgt Ion:	149	Resp:	877707
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	4.6	3.8	5.6





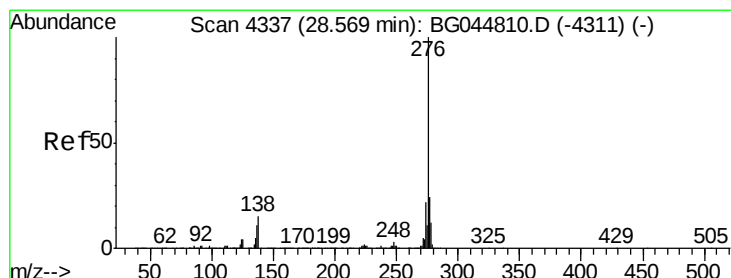
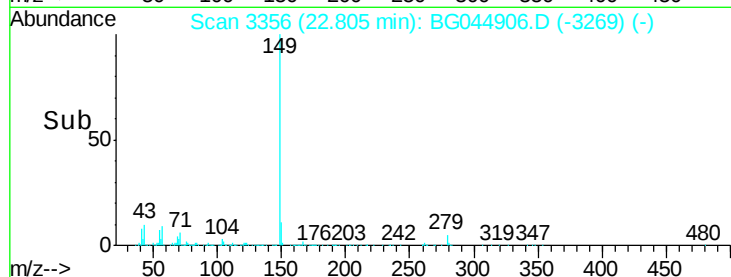
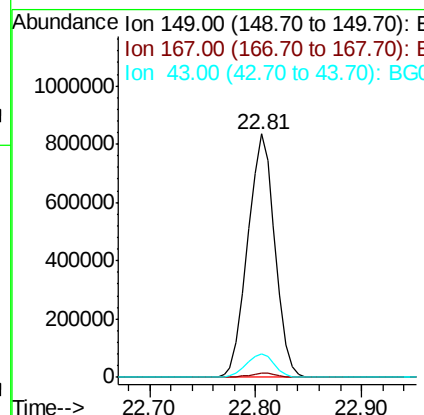
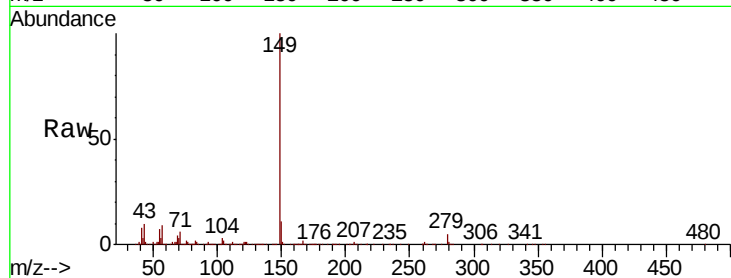
#85
Di-n-octyl phthalate
Concen: 41.029 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.2	12.4

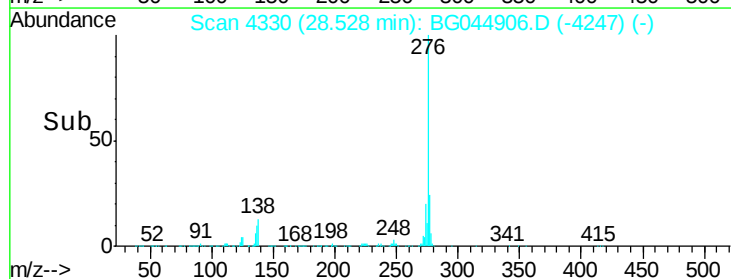
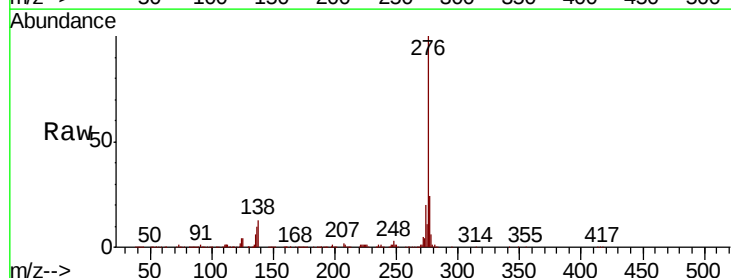
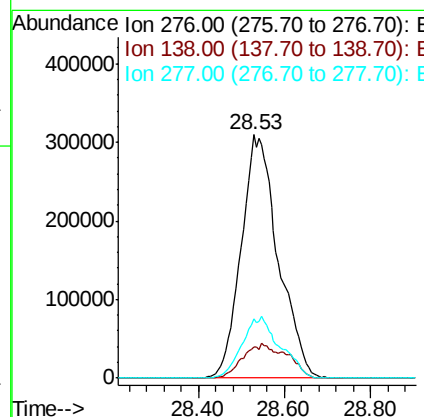
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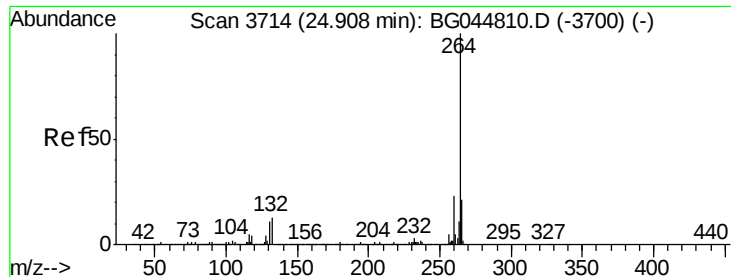
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.920 ng
RT: 28.53 min Scan# 4330
Delta R.T. -0.04 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	7.4	11.0#
277	26.0	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

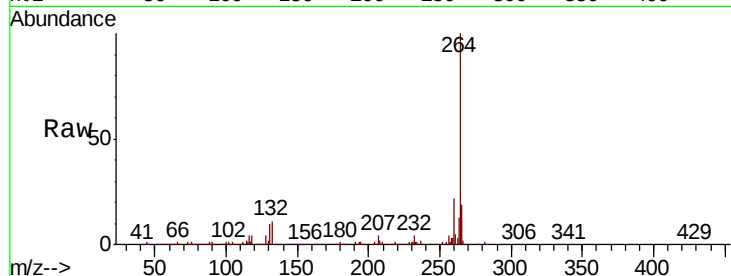
ClientSampleId :

2000448388MSD

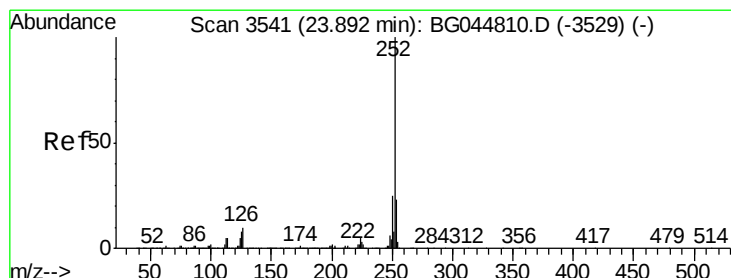
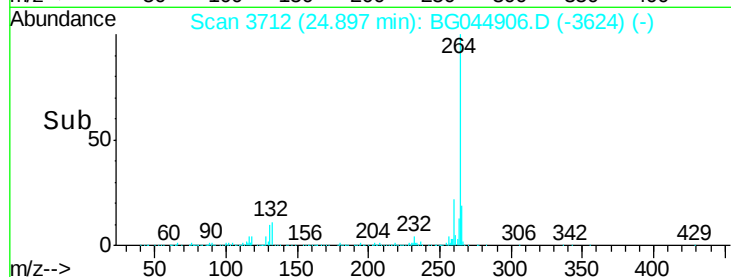
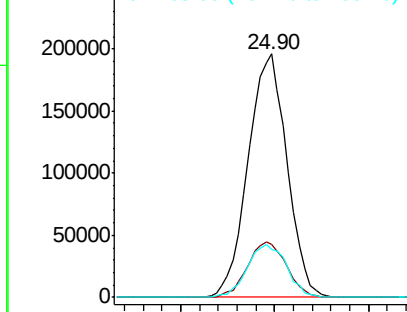
Tot Ion:	264	Resp:	561186
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.1	27.1
265	19.5	17.1	25.7

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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: 42.418 ng

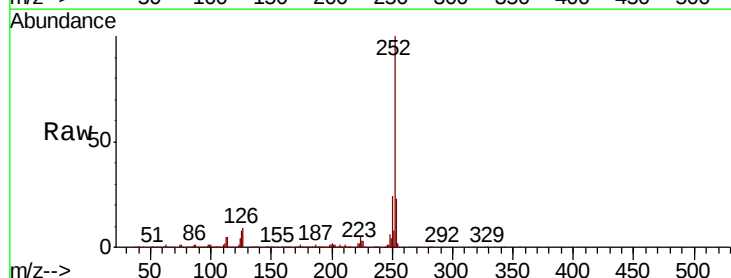
RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

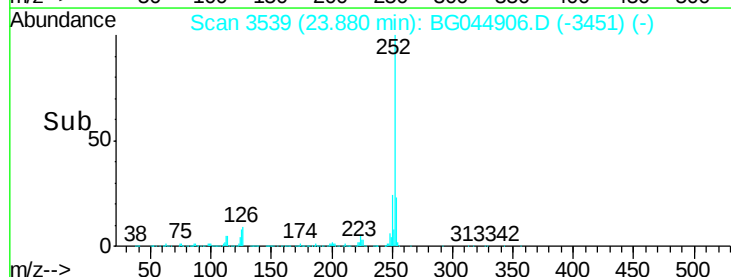
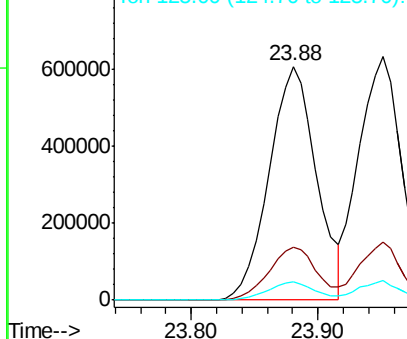
Lab File: BG044906.D

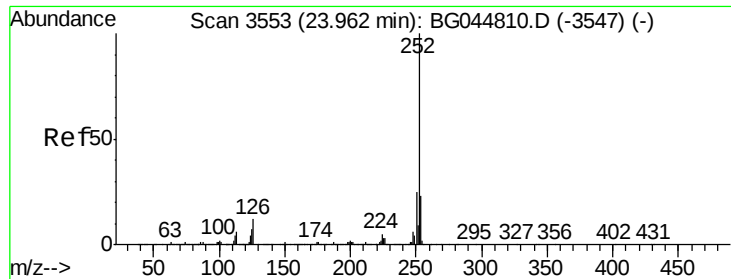
Acq: 19 Mar 2020 20:55

Tgt Ion:	252	Resp:	1571503
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	7.7	6.6	9.8



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: 42.047 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

Instrument :

BNA_G

ClientSampleId :

2000448388MSD

Tot Ion:252 Resp: 1474187

Ion Ratio Lower Upper

252 100

253 23.7 18.5 27.7

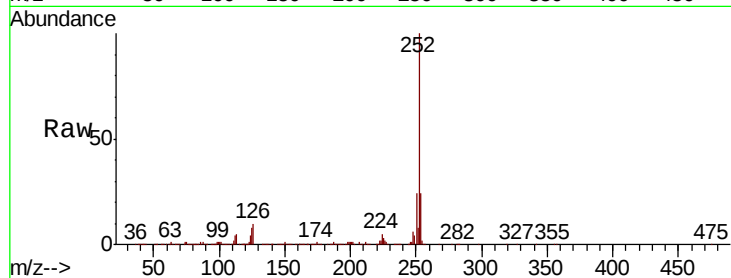
125 7.9 6.2 9.2

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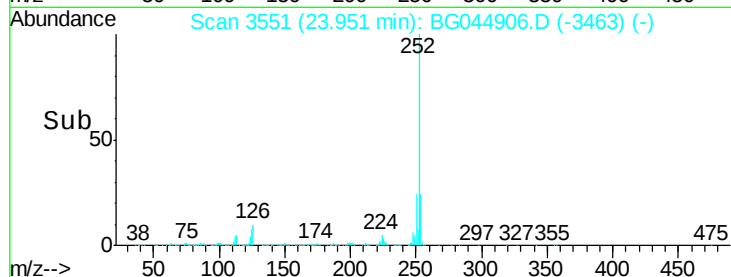


Abundance Ion 252.00 (251.70 to 252.70): E

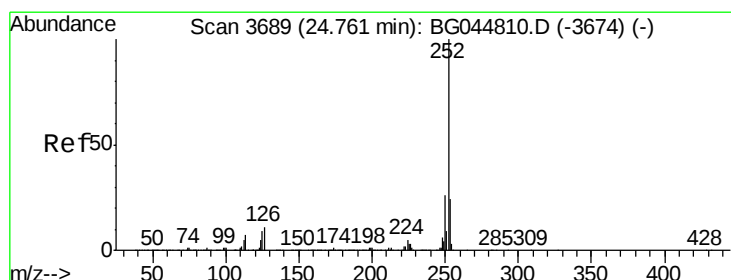
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.95



Time-->



#90

Benzo(a)pyrene

Concen: 41.202 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG044906.D

Acq: 19 Mar 2020 20:55

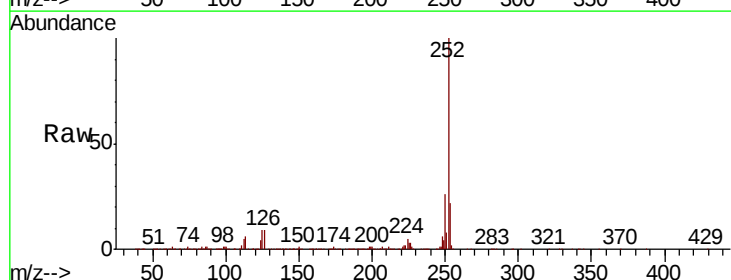
Tgt Ion:252 Resp: 1428310

Ion Ratio Lower Upper

252 100

253 22.3 19.4 29.0

125 8.6 7.2 10.8

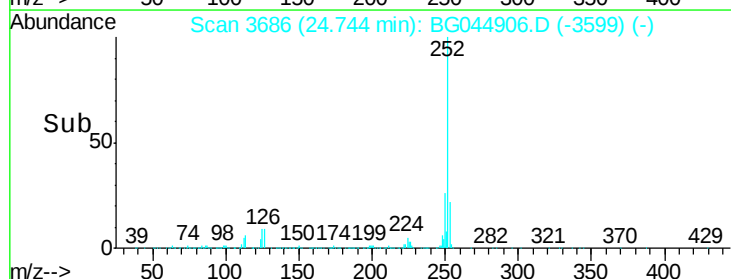


Abundance Ion 252.00 (251.70 to 252.70): E

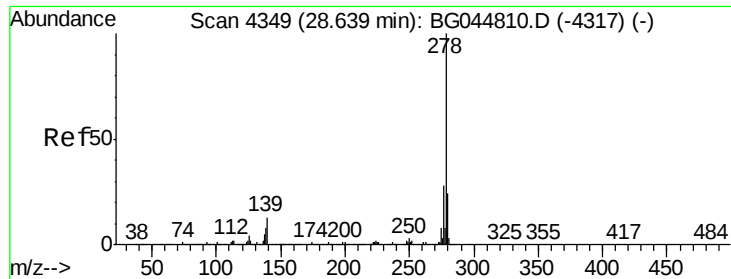
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.74



Time-->



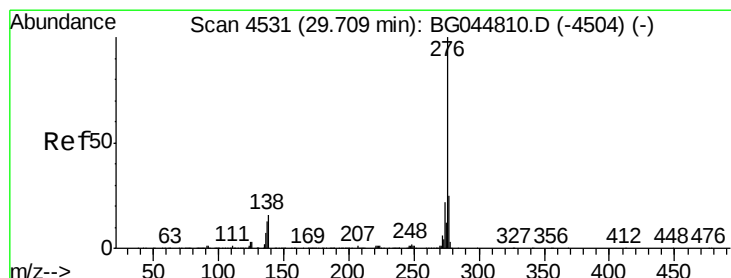
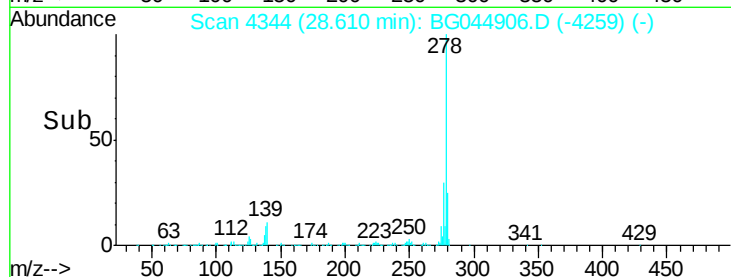
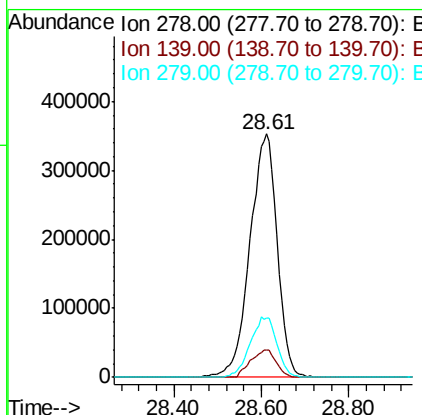
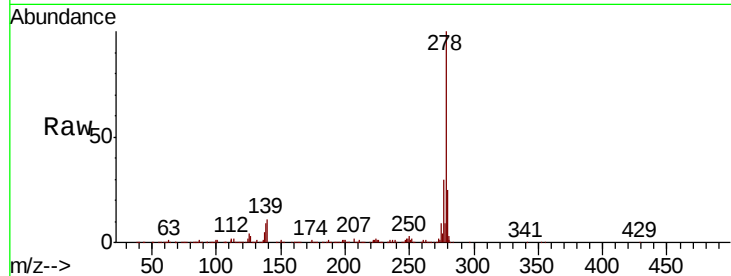
#91
Dibenzo(a,h)anthracene
Concen: 43.598 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Instrument :
BNA_G
ClientSampleId :
2000448388MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.1	10.2	15.2
279	24.5	18.9	28.3

Manual Integrations
APPROVED

mohammad
3/20/2020 11:48:06 AM



#92
Benzo(g,h,i)perylene
Concen: 44.375 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044906.D
Acq: 19 Mar 2020 20:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	20.1	30.1
138	14.1	13.0	19.6

