

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044816.D
 Acq On : 16 Mar 2020 16:59
 Operator : CG/JU
 Sample : L1912-17MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Manual Integrations
 APPROVED

mohammad
 3/18/2020 8:44:12 AM

Quant Time: Mar 16 18:19:53 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	85886	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	341039	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	241714	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	605853	20.00	ng	0.00
76) Chrysene-d12	21.70	240	517018	20.00	ng	0.00
87) Perylene-d12	24.91	264	622496	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	533347	96.67	ng	0.00
7) Phenol-d6	7.20	99	742944	92.68	ng	0.00
23) Nitrobenzene-d5	9.21	82	476276	61.28	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	339341	107.22	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	964868	57.16	ng	0.00
79) Terphenyl-d14	20.04	244	1679524	60.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	79908	30.076	ng	99
3) Pyridine	3.91	79	200435	25.484	ng	97
4) n-Nitrosodimethylamine	3.82	42	100973	33.836	ng	86
6) Aniline	7.37	93	166680	16.710	ng	95
8) 2-Chlorophenol	7.61	128	224935	40.841	ng	98
9) Benzaldehyde	7.18	77	174402m	34.302	ng	
10) Phenol	7.23	94	299273	37.710	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	216883	34.243	ng	97
12) 1,3-Dichlorobenzene	7.94	146	234958	34.631	ng	97
13) 1,4-Dichlorobenzene	8.08	146	235663	35.135	ng	98
14) 1,2-Dichlorobenzene	8.41	146	219035	34.432	ng	98
15) Benzyl Alcohol	8.28	79	224675	34.933	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	336546	30.110	ng	99
17) 2-Methylphenol	8.49	107	200555	37.307	ng	96
18) Hexachloroethane	9.14	117	90914	34.428	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	184898	32.666	ng	99
20) 3+4-Methylphenols	8.81	107	275176	37.133	ng	93
22) Acetophenone	8.87	105	325212	33.660	ng	100
24) Nitrobenzene	9.25	77	276218	34.253	ng	98
25) Isophorone	9.78	82	509556	33.593	ng	# 98
26) 2-Nitrophenol	9.96	139	117662	42.714	ng	99
27) 2,4-Dimethylphenol	10.02	122	198694	40.225	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	294571	32.541	ng	99
29) 2,4-Dichlorophenol	10.50	162	217530	37.703	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	237475	34.423	ng	97
31) Naphthalene	10.91	128	655133	34.678	ng	99
32) Benzoic acid	10.14	122	131880	37.037	ng	99
33) 4-Chloroaniline	11.00	127	90173	10.594	ng	97
34) Hexachlorobutadiene	11.21	225	153185	33.766	ng	97
35) Caprolactam	11.77	113	86634m	39.659	ng	
36) 4-Chloro-3-methylphenol	12.13	107	260935	37.921	ng	99
37) 2-Methylnaphthalene	12.51	142	490013	34.674	ng	95
38) 1-Methylnaphthalene	12.73	142	465895	35.067	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	263628	33.118	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	347182	79.805	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	191777	36.301	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	214467	39.145	nq	96
46) 1,1'-Biphenyl	13.52	154	625017	32.358	nq	99
47) 2-Chloronaphthalene	13.56	162	480604	32.571	nq	96
48) 2-Nitroaniline	13.75	65	186012	36.008	nq	98
49) Acenaphthylene	14.41	152	813662	35.198	nq	99
50) Dimethylphthalate	14.14	163	792359	41.158	nq	100
51) 2,6-Dinitrotoluene	14.25	165	150602	38.810	nq	98
52) Acenaphthene	14.75	154	585244	38.657	nq	97
53) 3-Nitroaniline	14.57	138	70697	15.846	nq	91
54) 2,4-Dinitrophenol	14.78	184	163610	80.614	nq	89
55) Dibenzofuran	15.08	168	783897	35.706	nq	100
56) 4-Nitrophenol	14.88	139	282420	82.946	nq	96
57) 2,4-Dinitrotoluene	15.03	165	218161	40.992	nq	98
58) Fluorene	15.73	166	650429	36.015	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	213201	42.268	nq	95
60) Diethylphthalate	15.50	149	708786	35.300	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	348754	35.864	nq	99
62) 4-Nitroaniline	15.73	138	164461	34.571	nq	96
63) Azobenzene	16.02	77	729281	34.975	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123363	44.031	nq	99
66) n-Nitrosodiphenylamine	15.93	169	599176	32.849	nq	98
67) 4-Bromophenyl-phenylether	16.62	248	242944	32.076	nq	99
68) Hexachlorobenzene	16.74	284	267164	32.514	nq	96
69) Atrazine	16.89	200	250846	37.536	nq	98
70) Pentachlorophenol	17.08	266	341889	75.621	nq	99
71) Phenanthrene	17.47	178	1116564	34.488	nq	99
72) Anthracene	17.56	178	1139271	35.687	nq	98
73) Carbazole	17.83	167	1065882	34.758	nq	98
74) Di-n-butylphthalate	18.40	149	1293377	34.696	nq	99
75) Fluoranthene	19.48	202	1365131	35.413	nq	100
77) Benzidine	19.65	184	330035	19.663	nq	99
78) Pyrene	19.83	202	1363959	35.958	nq	99
80) Butylbenzylphthalate	20.73	149	579458	34.338	nq	99
81) Benzo(a)anthracene	21.68	228	1305741	35.073	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	245629	17.054	nq	99
83) Chrysene	21.74	228	1241703	34.916	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	807805	34.685	nq	97
85) Di-n-octyl phthalate	22.83	149	1392858	35.739	nq	99
86) Indeno(1,2,3-cd)pyrene	28.56	276	1644232	35.267	nq	99
88) Benzo(b)fluoranthene	23.89	252	1399725	34.060	nq	98
89) Benzo(k)fluoranthene	23.96	252	1312279	33.743	nq	100
90) Benzo(a)pyrene	24.76	252	1279844	33.283	nq	97
91) Dibenzo(a,h)anthracene	28.62	278	1337639	35.260	nq	97
92) Benzo(g,h,i)perylene	29.70	276	1367215	35.671	nq	98

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

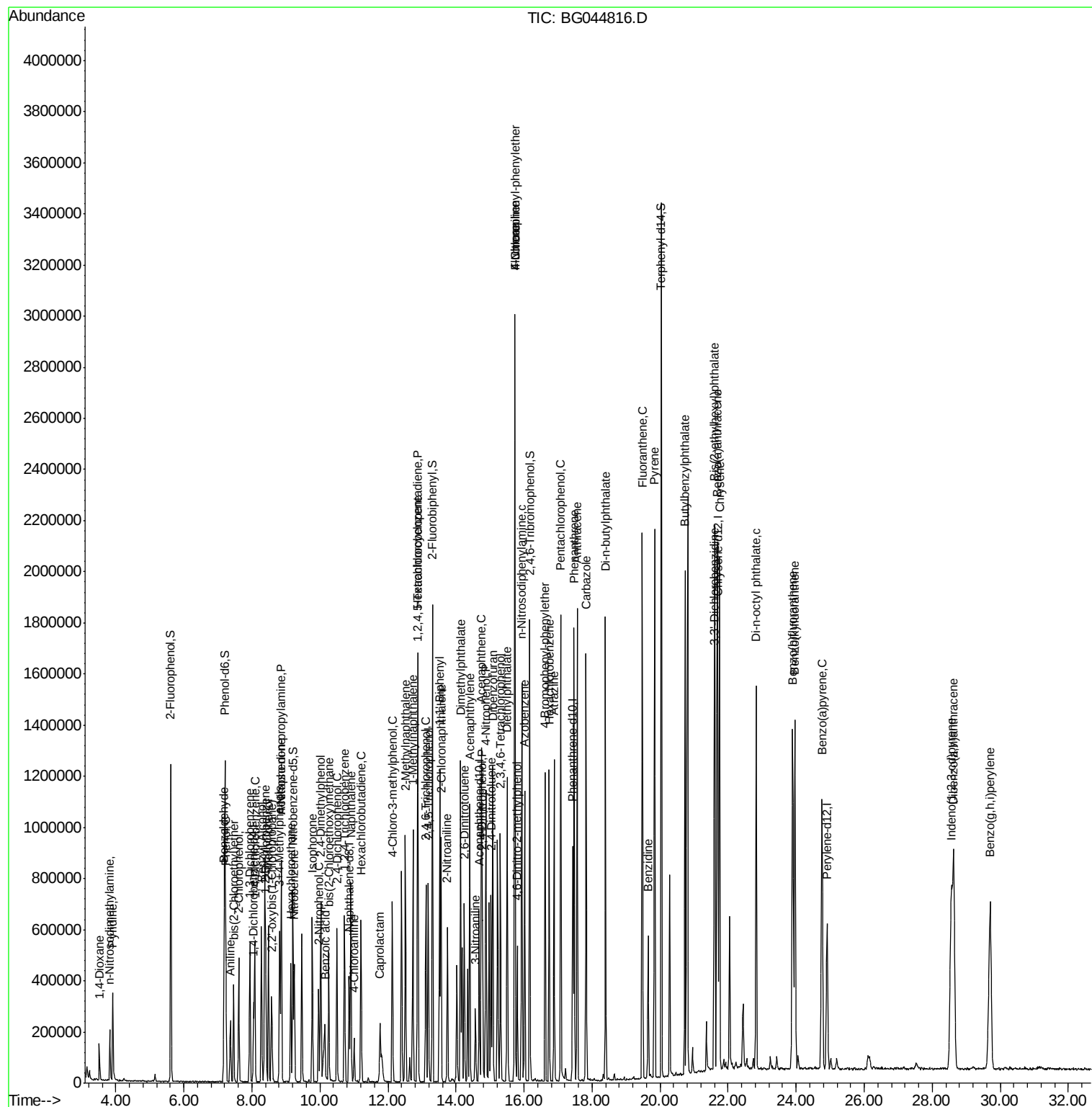
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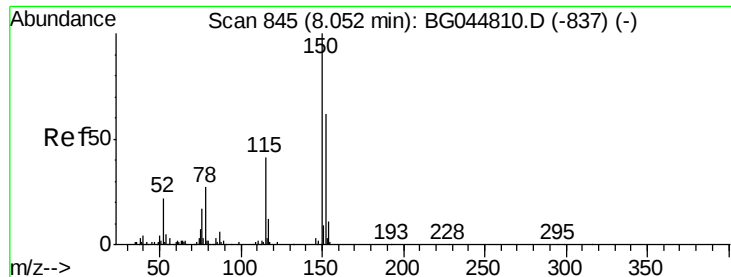
Instrument :
BNA_G
ClientSampled :
Z1-3MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

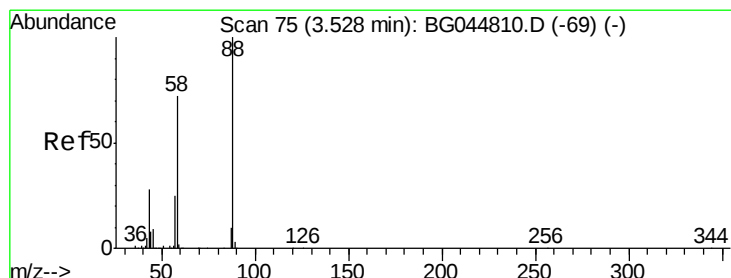
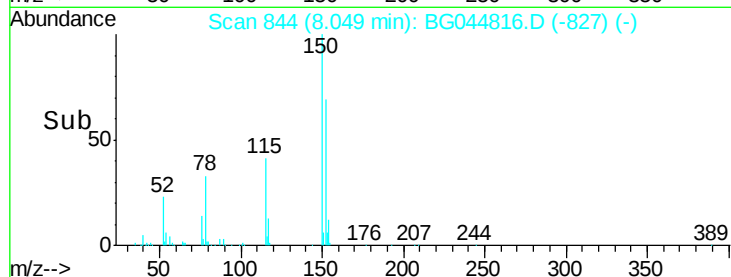
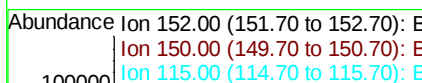
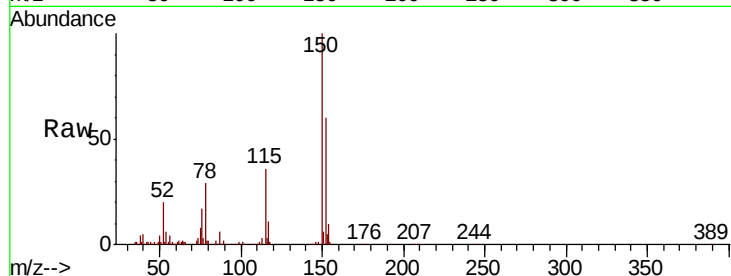
ClientSampleId :

Z1-3MS

Tot Ion:	152	Resp:	85886
Ion Ratio	Lower	Upper	
152	100		
150	167.9	128.8	193.2
115	60.1	52.6	79.0

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#2

1,4-Dioxane

Concen: 30.076 ng

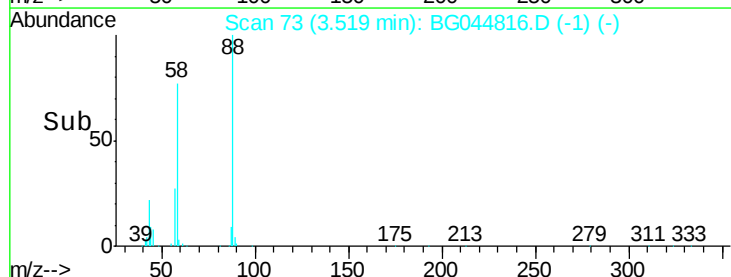
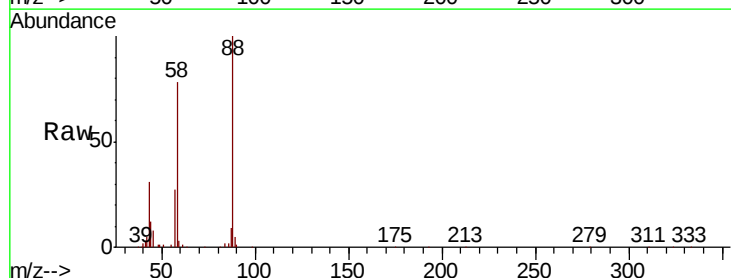
RT: 3.52 min Scan# 73

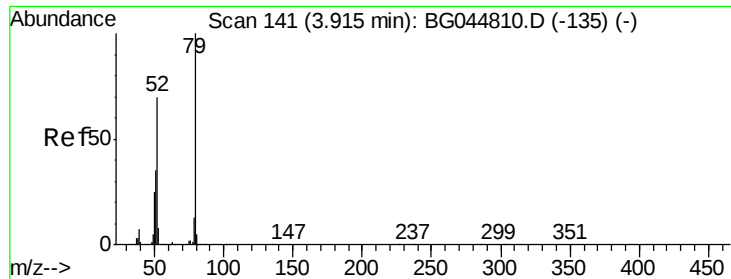
Delta R.T. -0.01 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	88	Resp:	79908
Ion Ratio	Lower	Upper	
88	100		
58	77.3	63.0	94.4
43	30.8	24.8	37.2





#3

Pvridine

Concen: 25.484 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

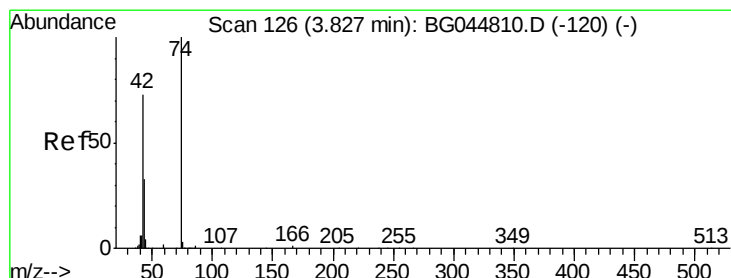
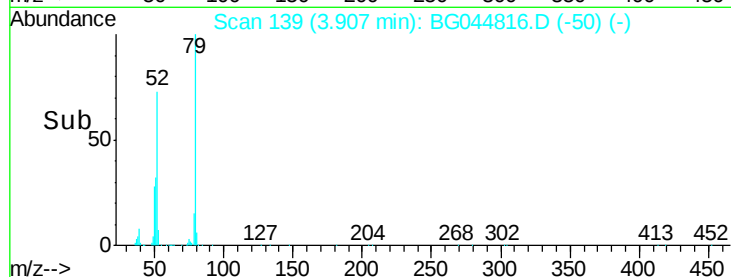
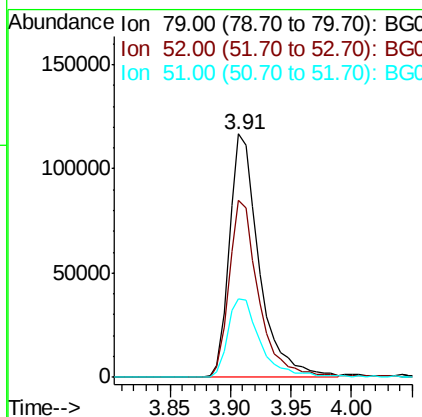
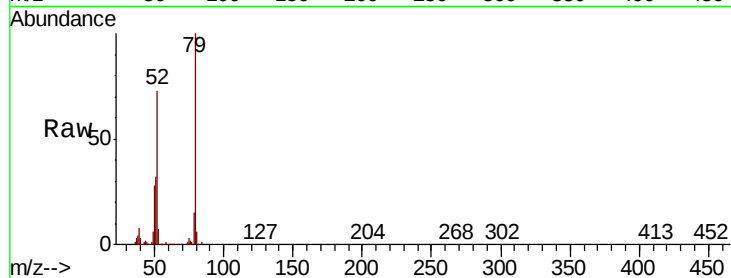
ClientSampleId :

Z1-3MS

Tot Ion:	79	Resp:	200435
Ion Ratio	Lower	Upper	
79	100		
52	72.8	56.3	84.5
51	32.4	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 33.836 ng

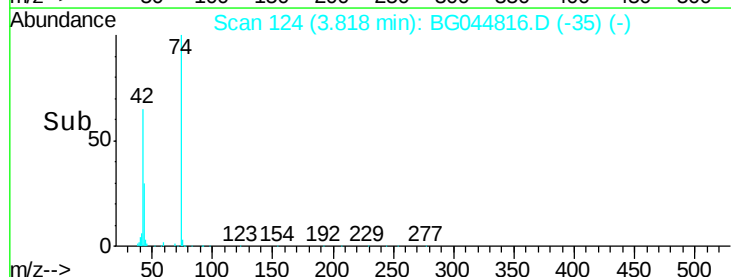
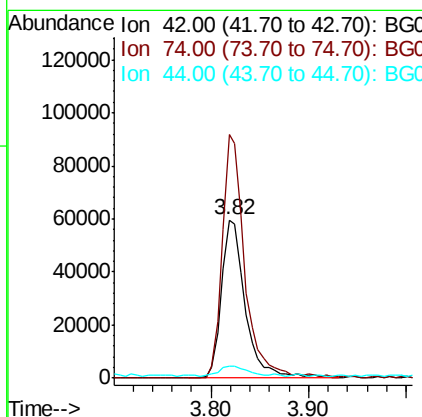
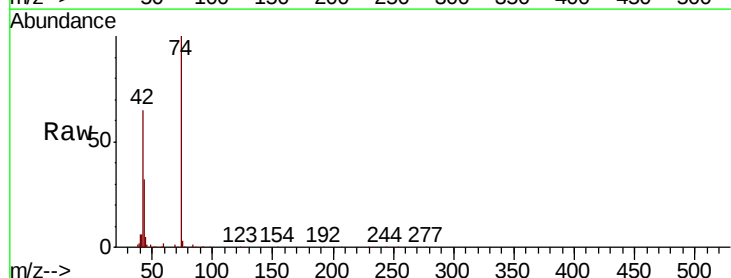
RT: 3.82 min Scan# 124

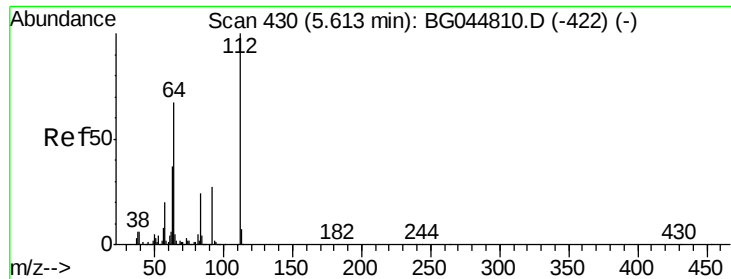
Delta R.T. -0.01 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	42	Resp:	100973
Ion Ratio	Lower	Upper	
42	100		
74	153.9	109.1	163.7
44	7.6	5.4	8.2





#5

2-Fluorophenol

Concen: 96.670 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

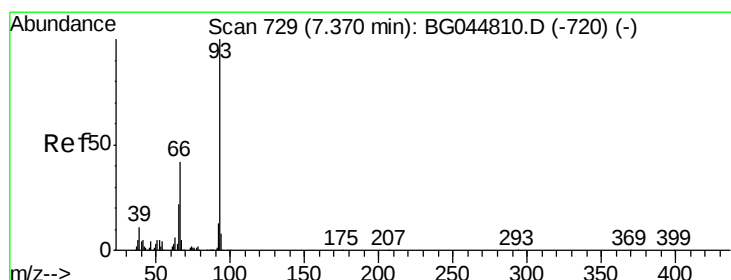
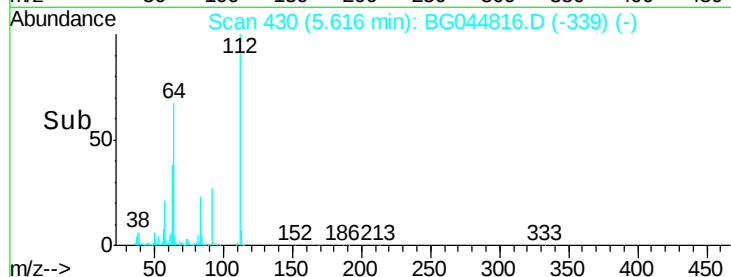
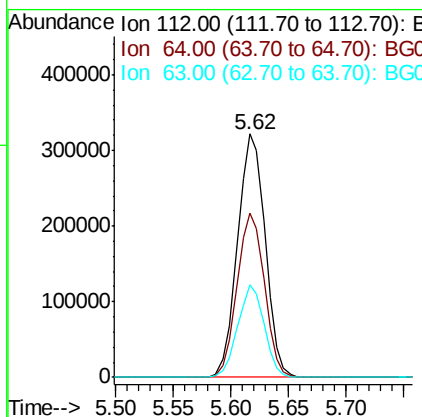
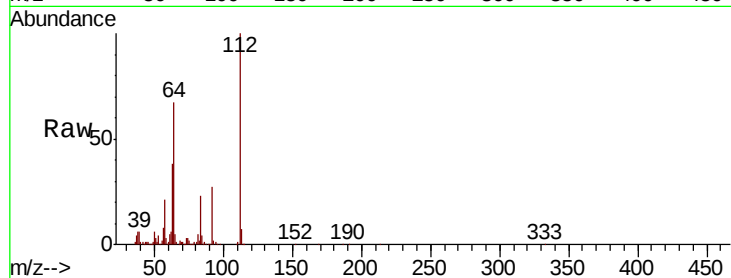
ClientSampleId :

Z1-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		533347		
64	67.5		53.4	80.2	
63	37.9		29.4	44.2	

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#6

Aniline

Concen: 16.710 ng

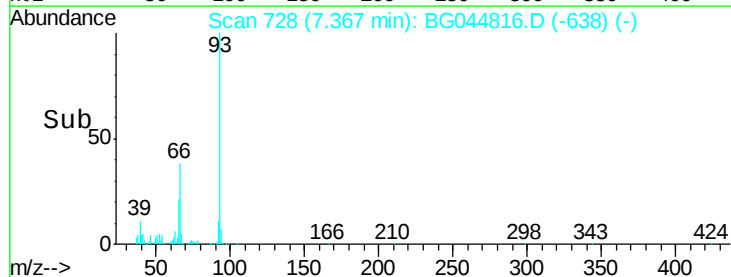
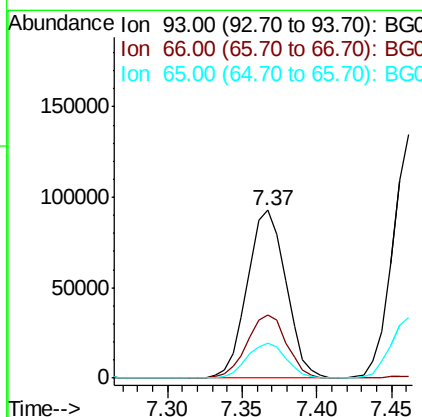
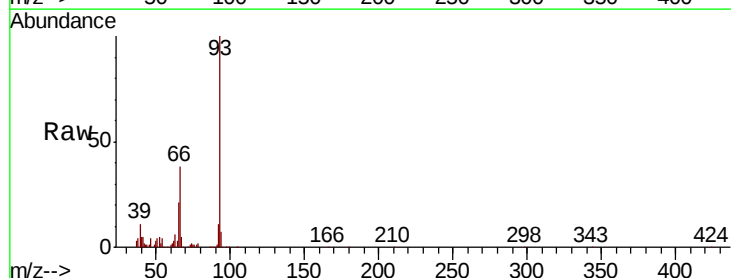
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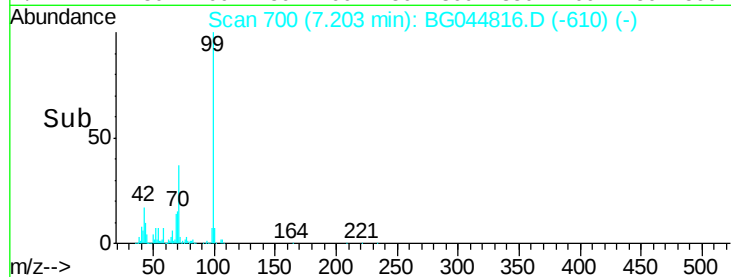
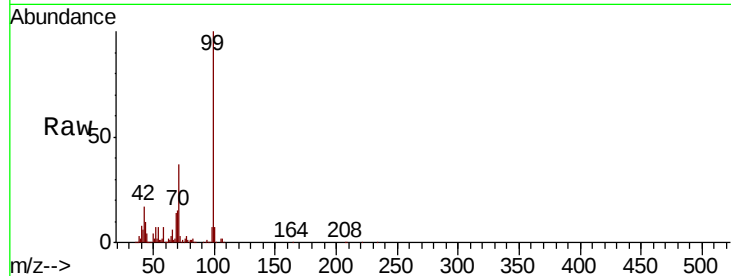
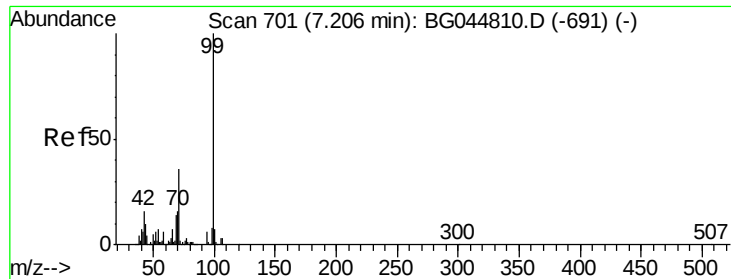
Delta R.T. -0.00 min

Lab File: BG044816.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		166680		
66	37.7		33.7	50.5	
65	20.9		17.7	26.5	





#7

Phenol-d6

Concen: 92.681 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tot Ion:	99	Resp:	742944
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.6	19.0
71	36.5	29.0	43.4

Instrument :

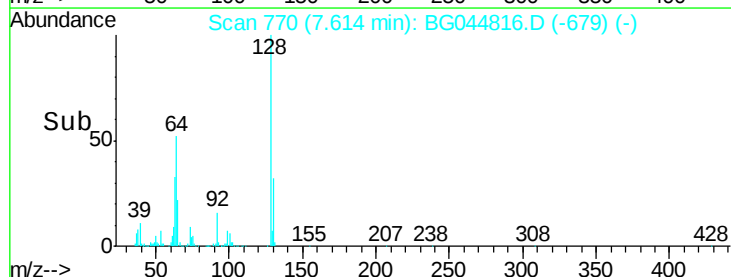
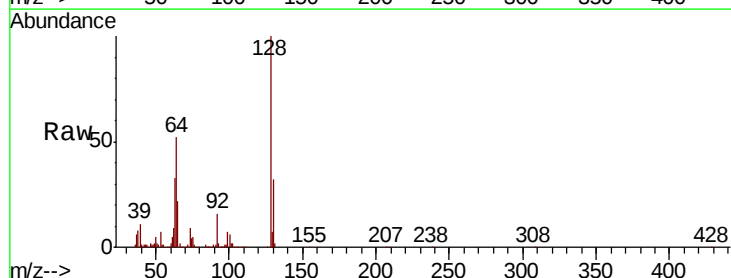
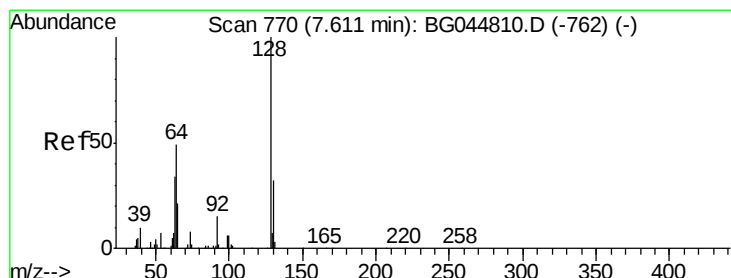
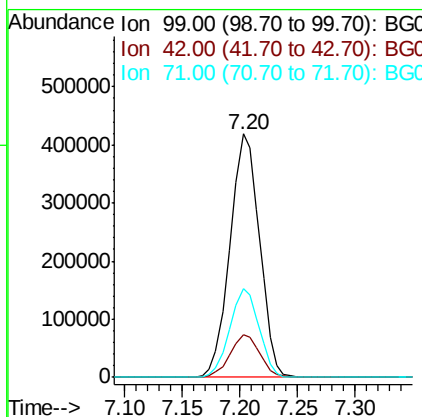
BNA_G

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#8

2-Chlorophenol

Concen: 40.841 ng

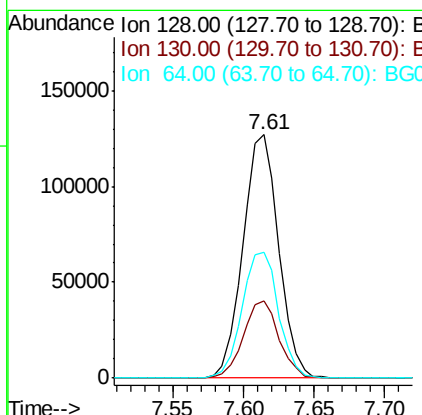
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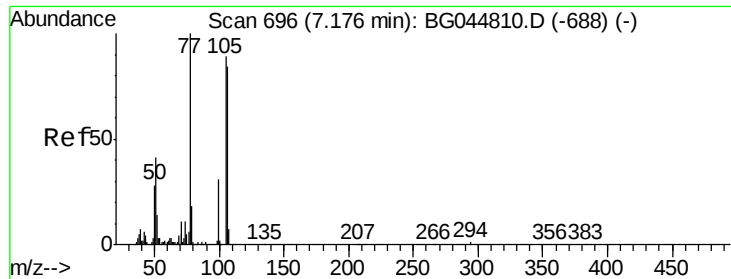
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	128	Resp:	224935
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.6	51.6
64	51.9	34.5	74.5





#9

Benzaldehyde

Concen: 34.302 ng/mL

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

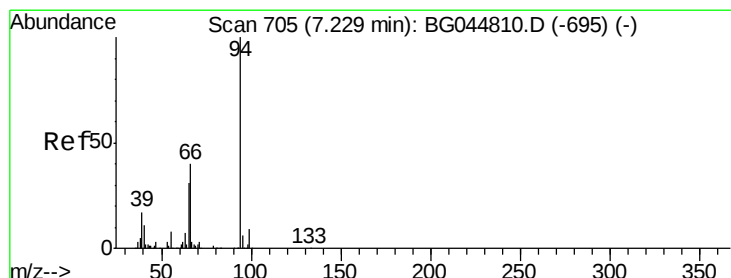
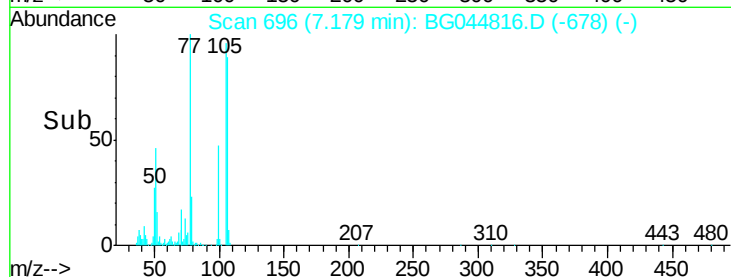
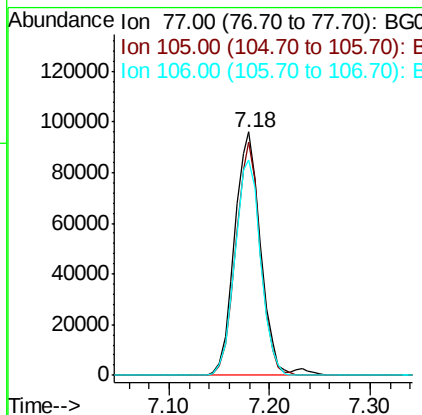
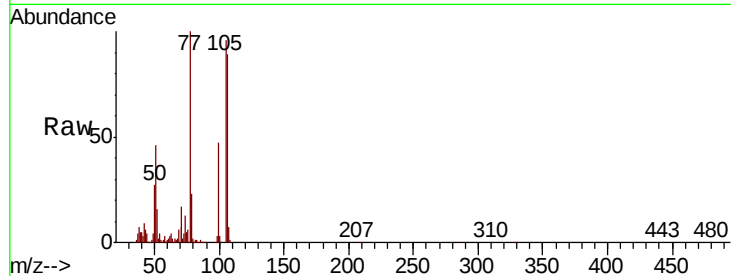
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Tot Ion:	77	Resp:	174402
Ion Ratio	Lower	Upper	
77	100		
105	96.1	69.3	109.3
106	88.6	64.5	104.5

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#10

Phenol

Concen: 37.710 ng/mL

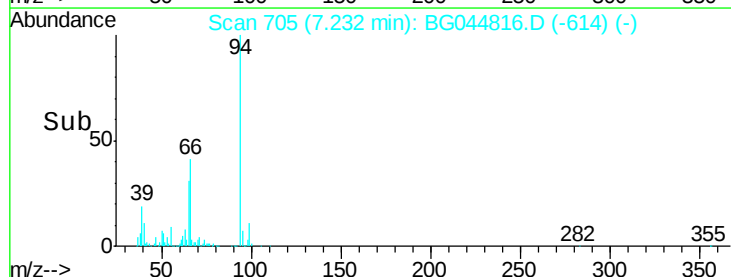
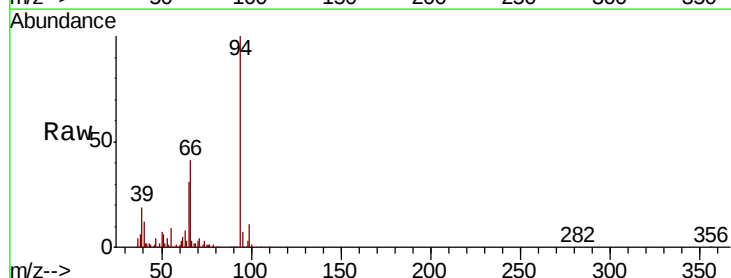
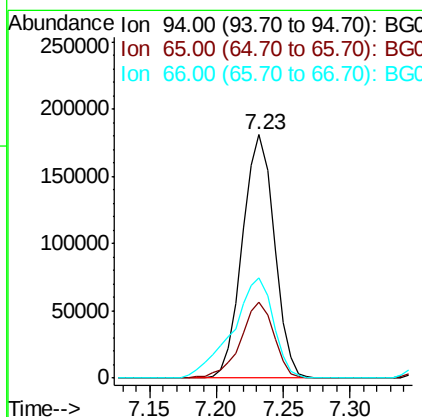
RT: 7.23 min Scan# 705

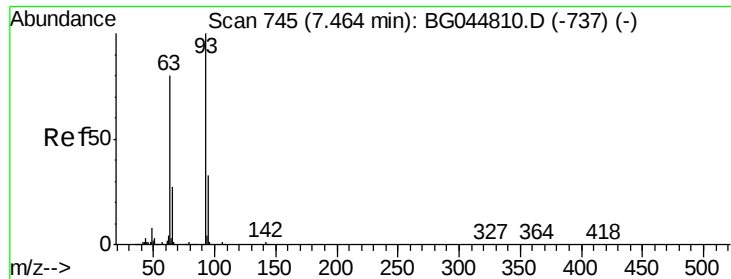
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	94	Resp:	299273
Ion Ratio	Lower	Upper	
94	100		
65	31.1	11.0	51.0
66	41.2	20.1	60.1





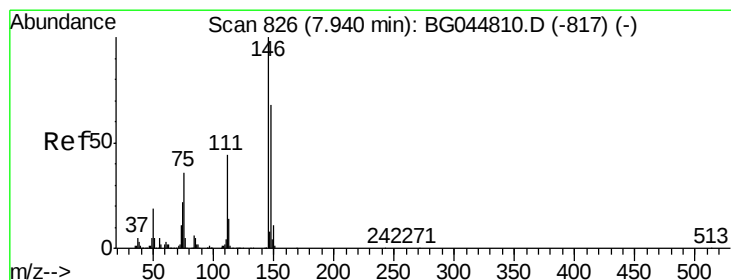
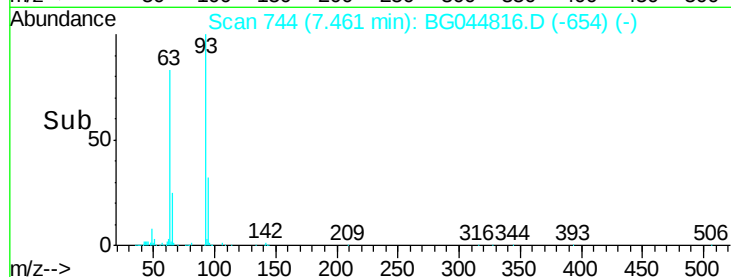
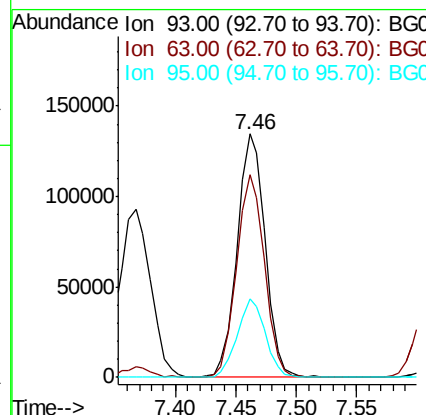
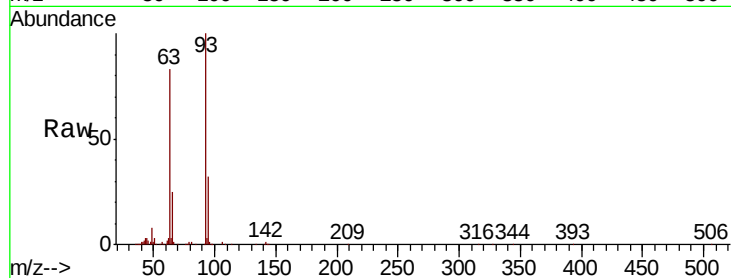
#11
bis(2-Chloroethyl)ether
Concen: 34.243 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	59.7	99.7
95	32.3	13.1	53.1

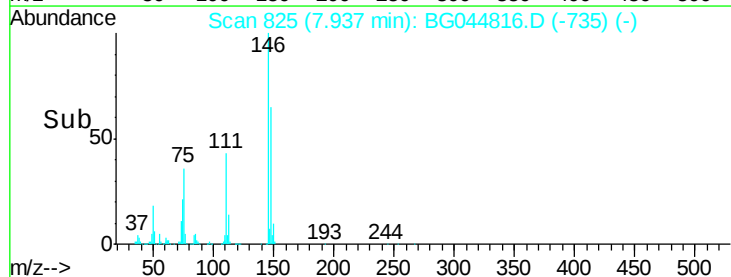
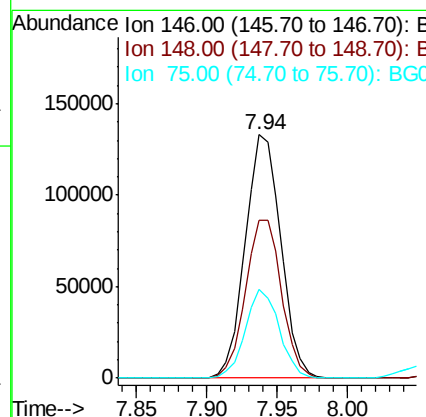
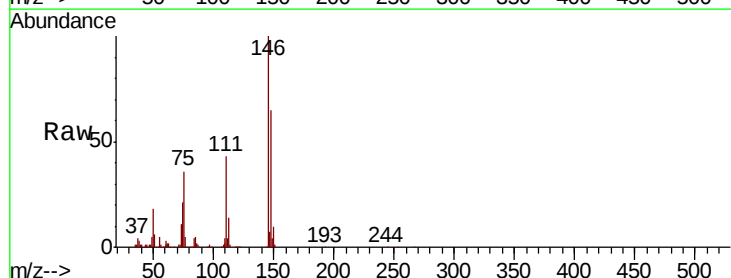
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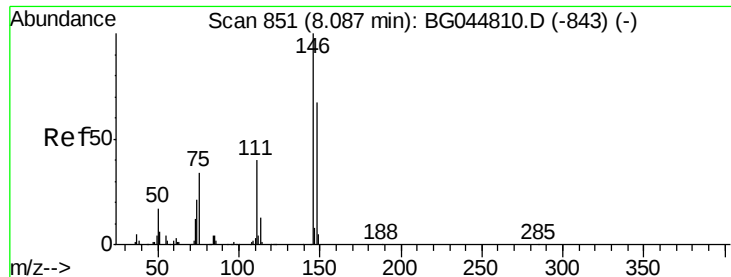
mohammad
3/18/2020 8:44:12 AM



#12
1,3-Dichlorobenzene
Concen: 34.631 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.2	81.4
75	36.3	28.6	42.8





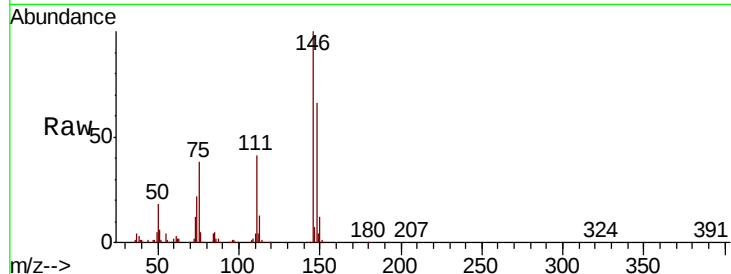
#13
1,4-Dichlorobenzene
Concen: 35.135 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.8	80.6
111	40.7	32.0	48.0

Manual Integrations
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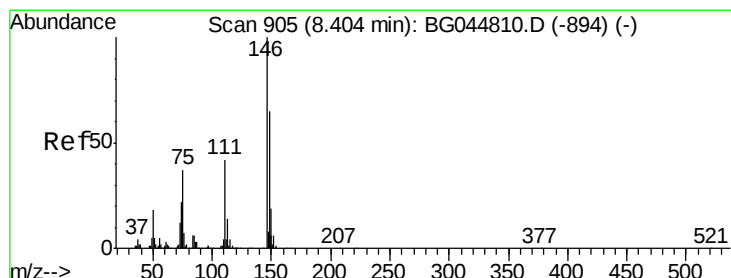
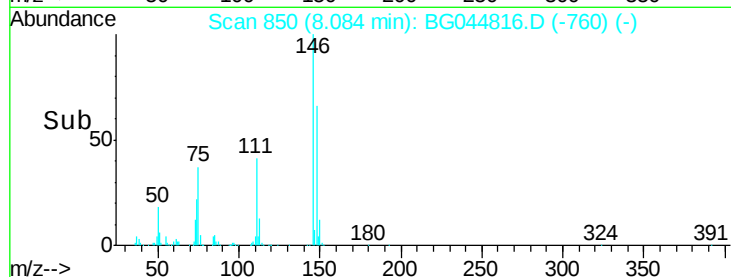
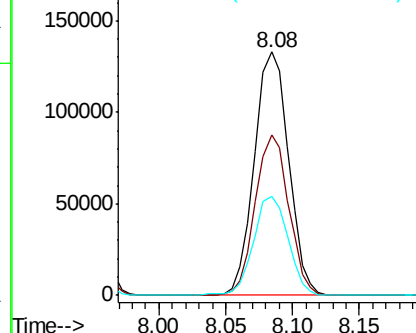


Abundance

Ion 146.00 (145.70 to 146.70): E

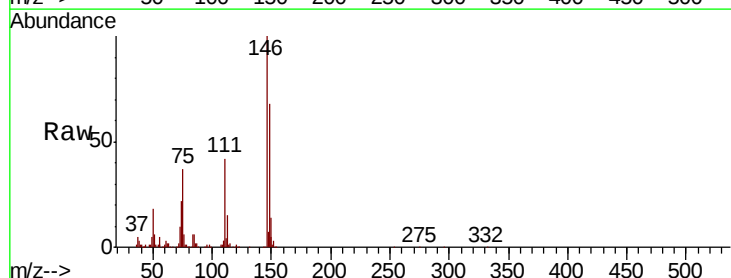
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 34.432 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	52.1	78.1
111	42.2	33.4	50.2

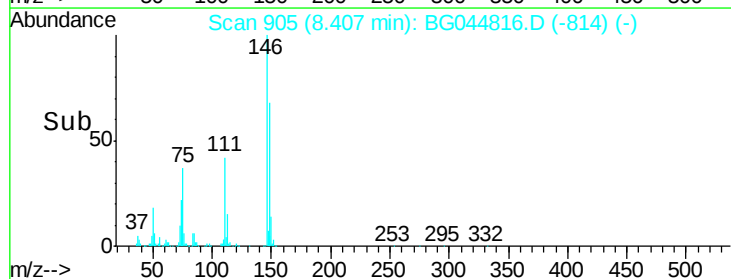
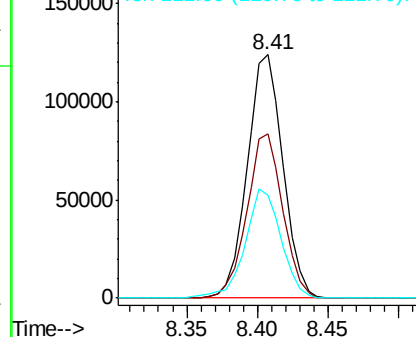


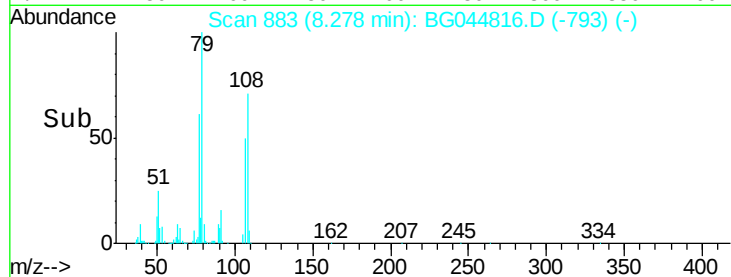
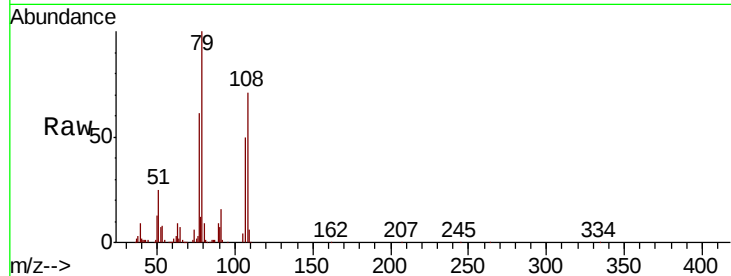
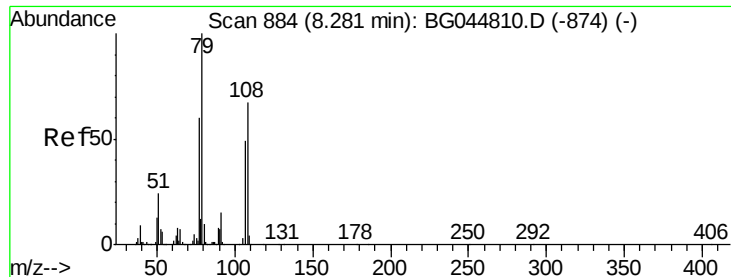
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.933 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tot Ion:	79	Resp:	224675
Ion Ratio	Lower	Upper	
79	100		
108	71.1	53.8	80.8
77	60.7	47.8	71.8

Instrument :

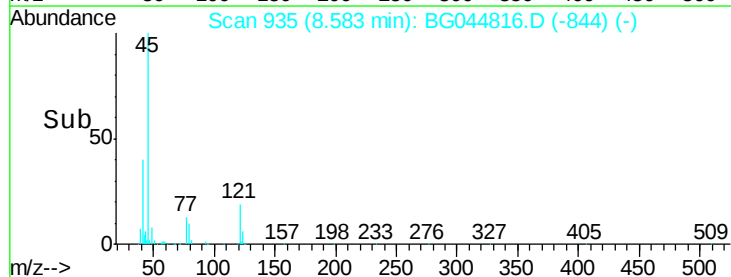
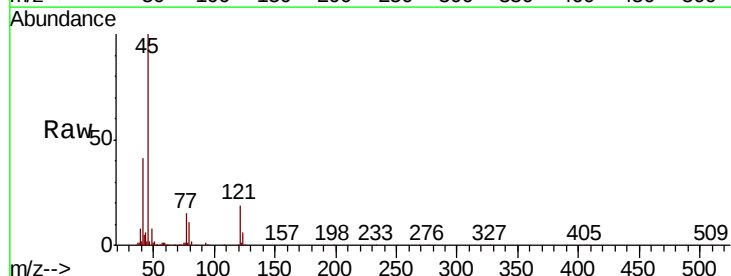
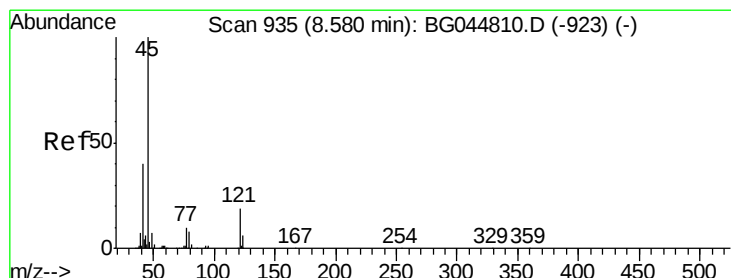
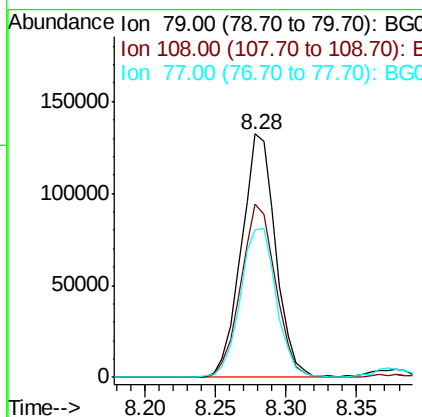
BNA_G

ClientSampleId :

Z1-3MS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.110 ng

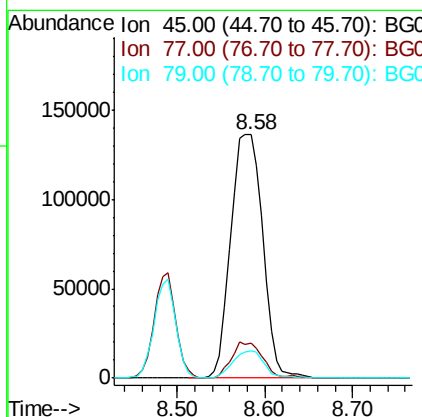
RT: 8.58 min Scan# 935

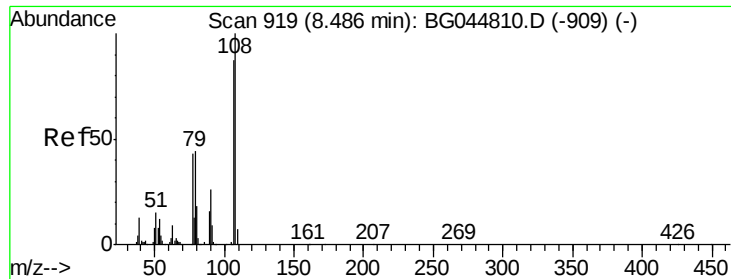
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	45	Resp:	336546
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	33.9
79	11.1	0.0	30.8





#17

2-Methylphenol

Concen: 37.307 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

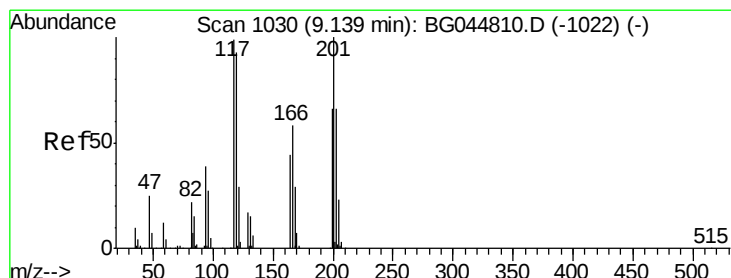
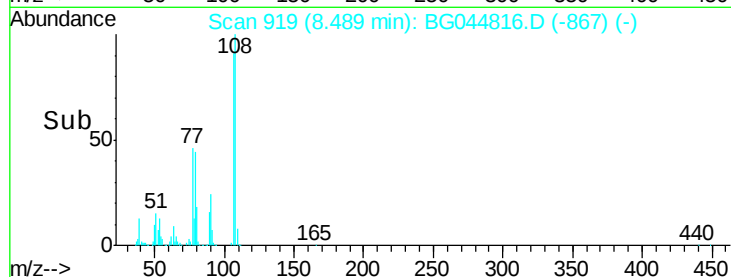
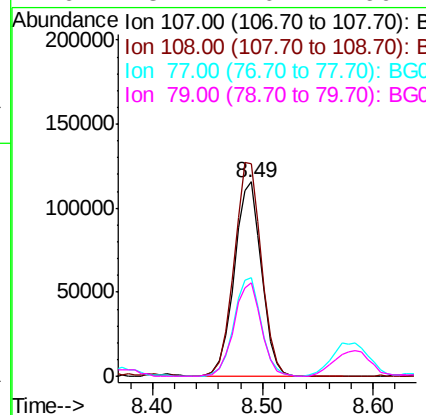
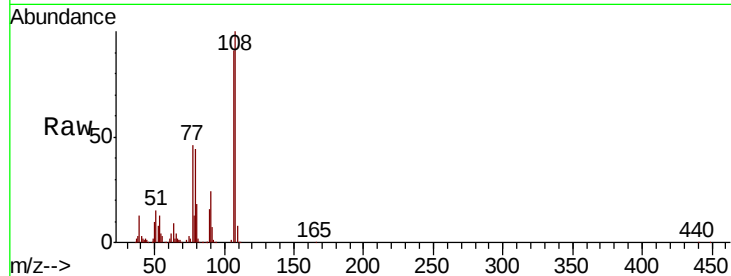
ClientSampleId :

Z1-3MS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	109.4	91.8	137.8
77	50.8	40.0	60.0
79	48.1	40.2	60.2

Manual Integrations
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#18

Hexachloroethane

Concen: 34.428 ng

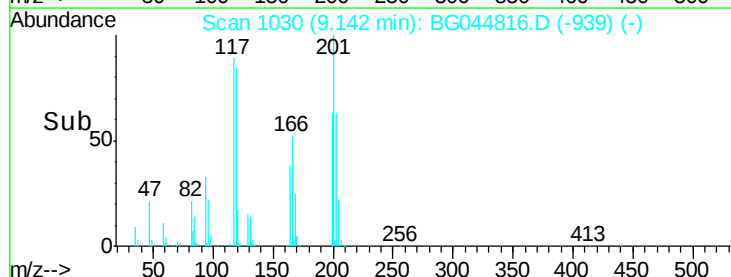
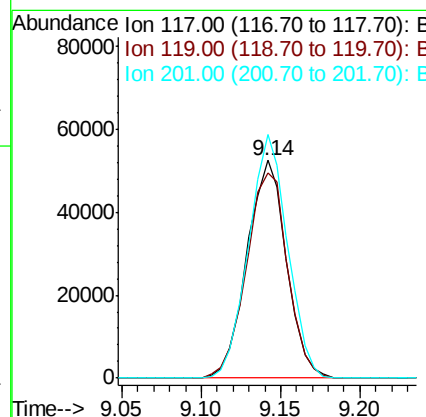
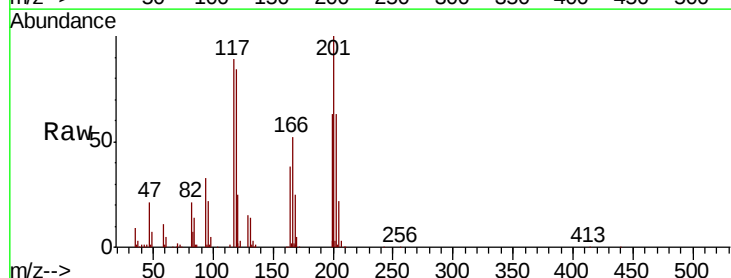
RT: 9.14 min Scan# 1030

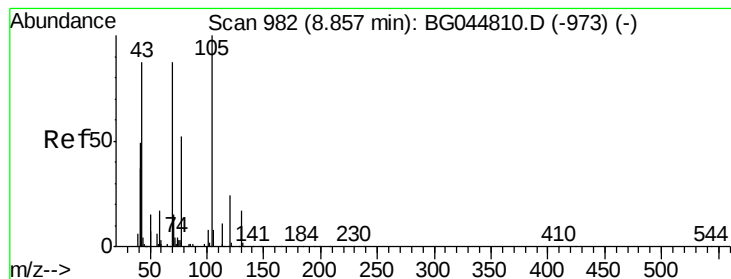
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.4	75.2	112.8
201	112.0	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 32.666 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Z1-3MS

Tot Ion: 70 Resp: 184898

Ion Ratio Lower Upper

70 100

42 56.1 45.7 68.5

101 9.9 7.4 11.2

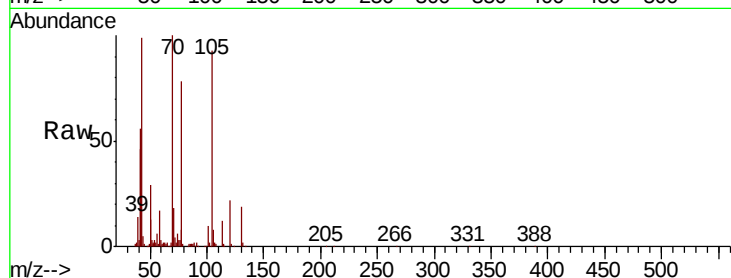
130 19.4 15.9 23.9

Manual Integrations

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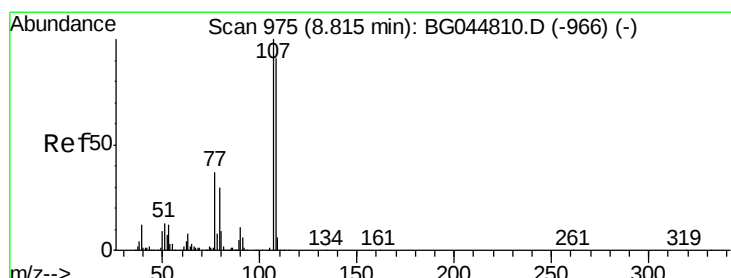
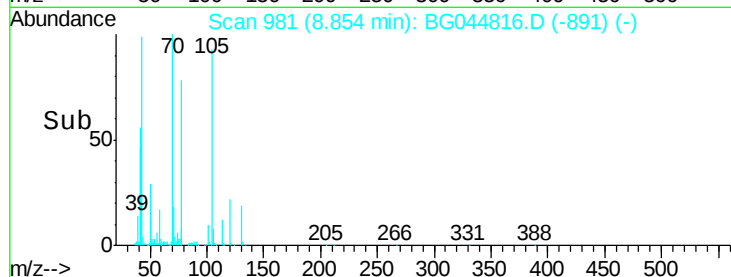
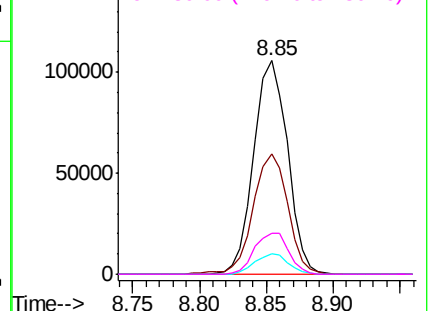
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.133 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion: 107 Resp: 275176

Ion Ratio Lower Upper

107 100

108 82.6 71.3 111.3

77 36.2 16.9 56.9

79 32.5 9.7 49.7

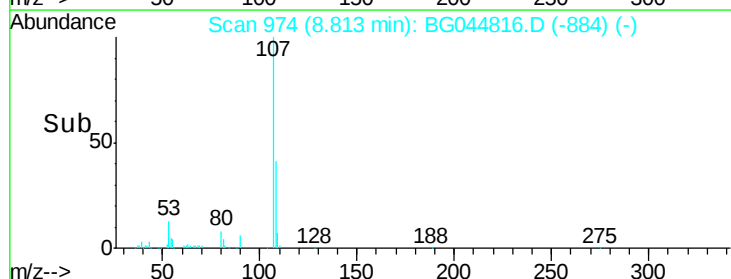
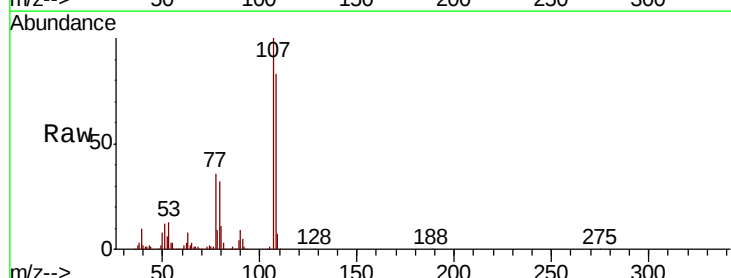
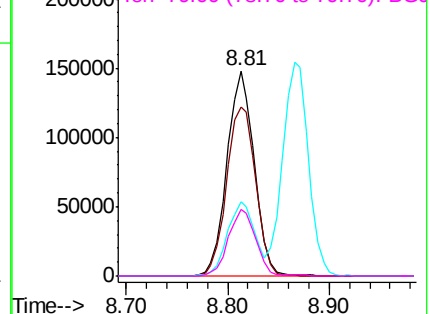
Abundance

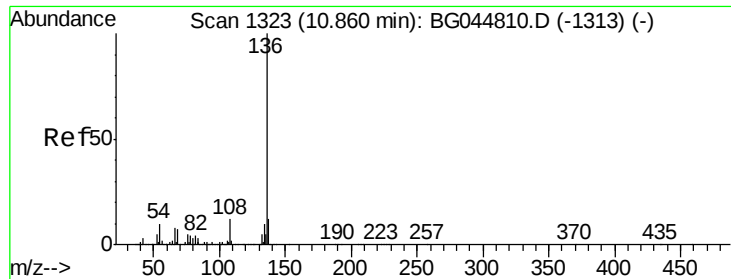
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





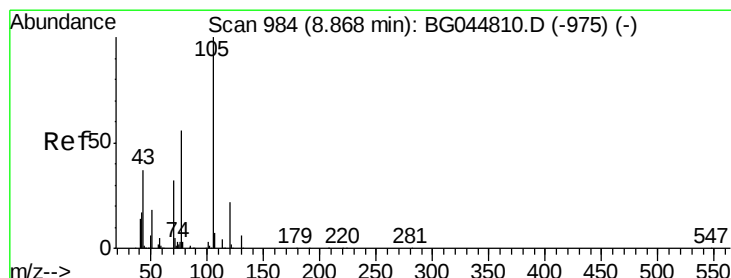
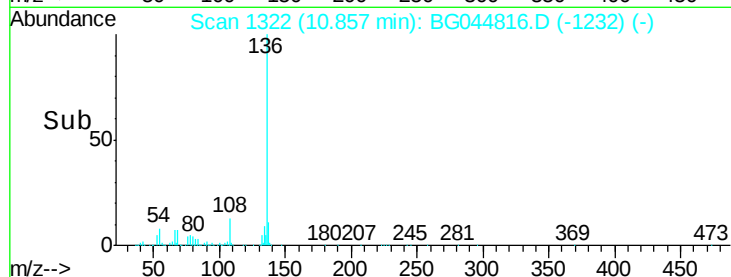
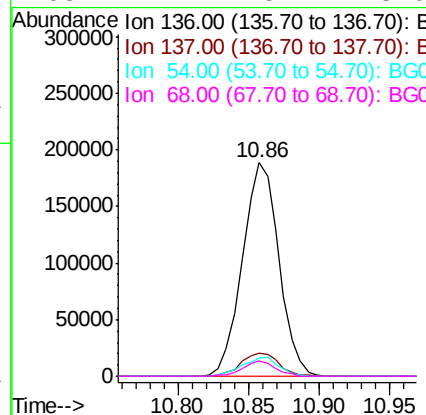
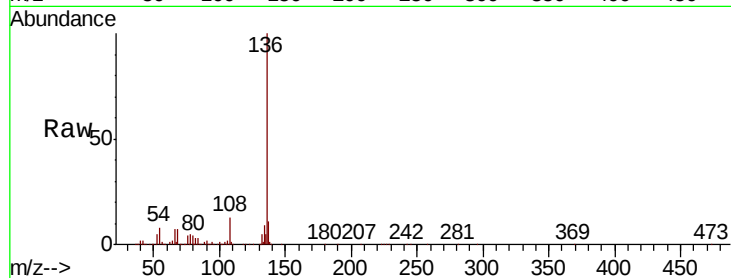
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	341039		
137	10.9		9.8	14.6
54	8.4		7.9	11.9
68	7.2		5.4	8.0

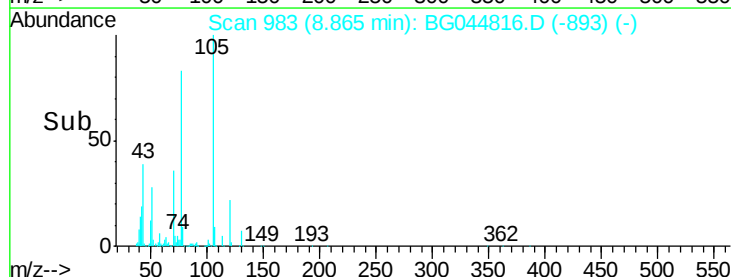
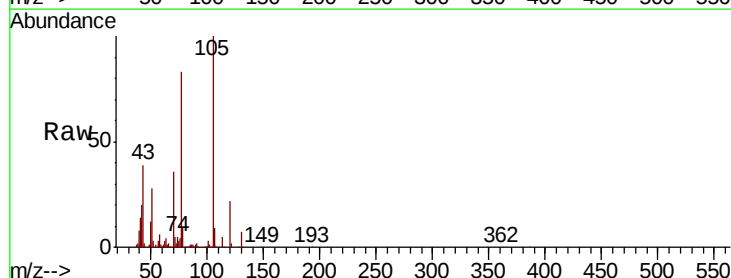
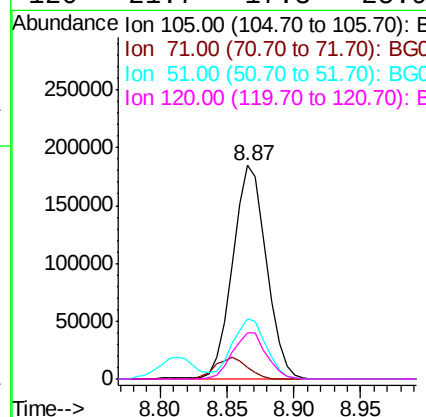
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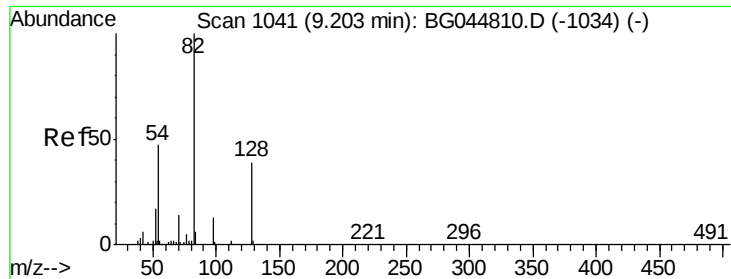
mohammad
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#22
Acetophenone
Concen: 33.660 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	325212		
71	5.4		3.9	5.9
51	28.1		22.6	33.8
120	21.7		17.3	25.9





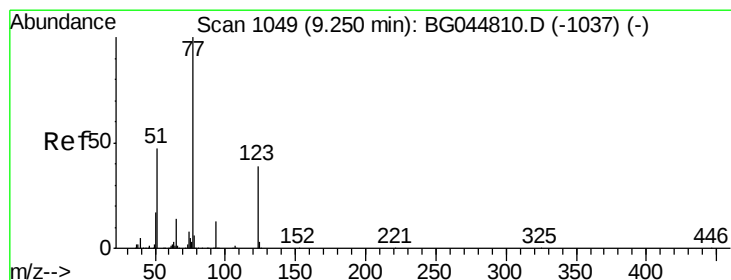
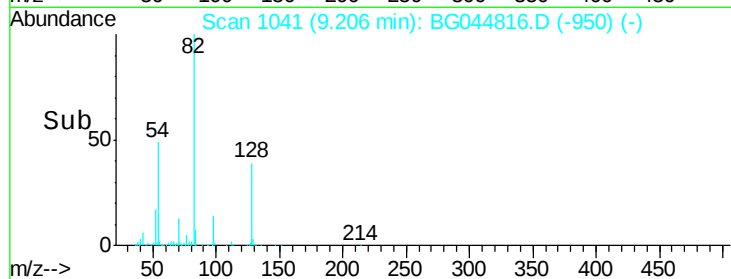
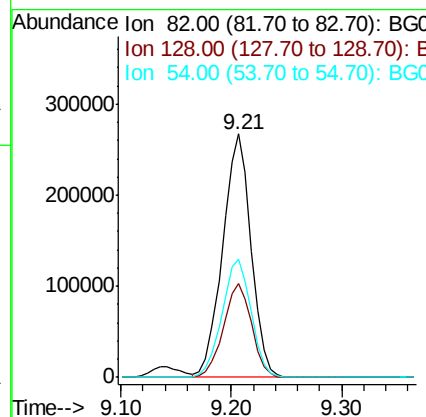
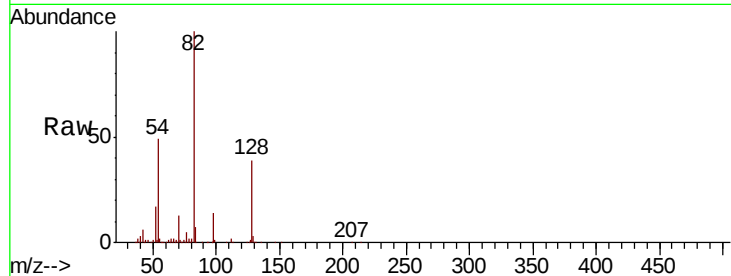
#23
 Nitrobenzene-d5
 Concen: 61.282 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.6	46.0
54	48.7	37.1	55.7

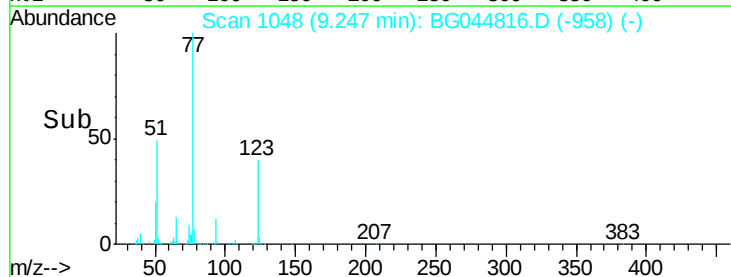
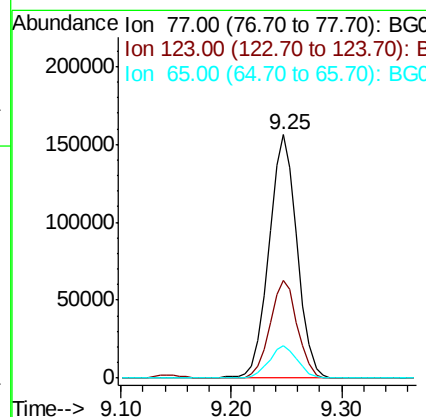
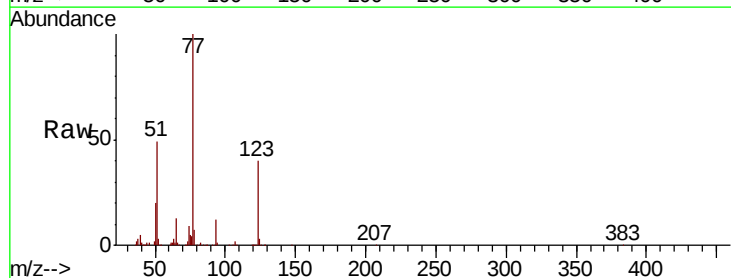
Manual Integrations
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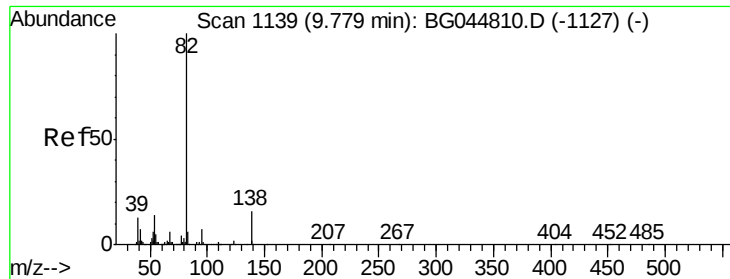
mohammad
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#24
 Nitrobenzene
 Concen: 34.253 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	31.3	46.9
65	13.5	11.4	17.0





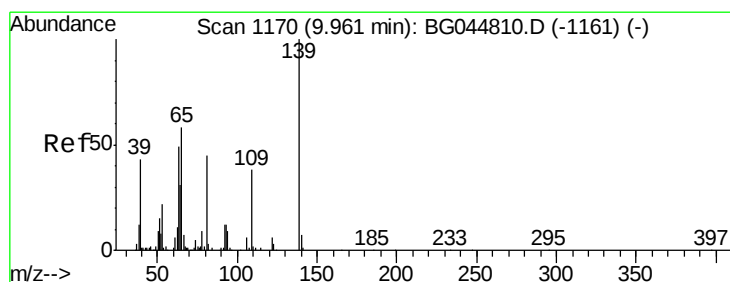
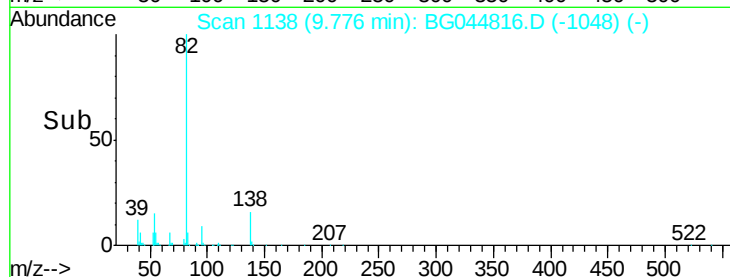
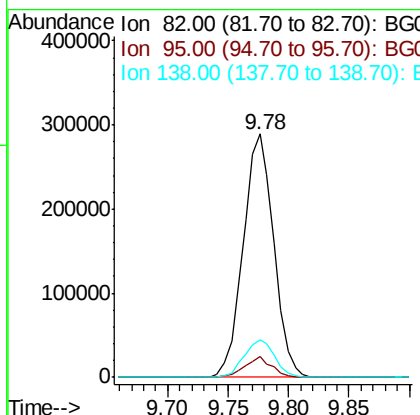
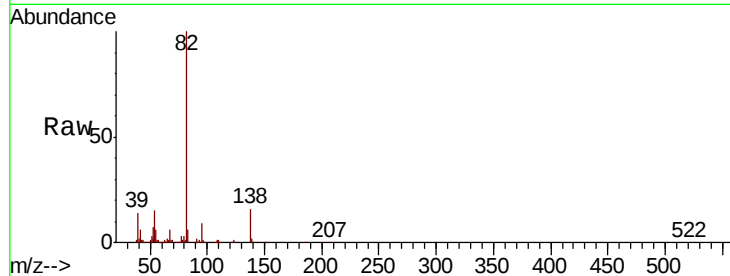
#25
Isophorone
Concen: 33.593 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.5	8.3#
138	15.5	12.5	18.7

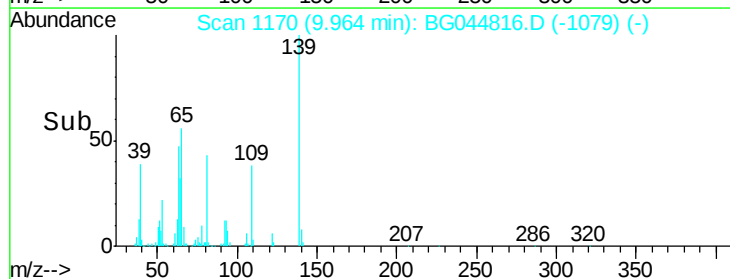
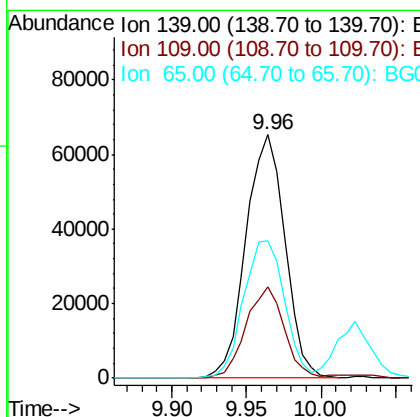
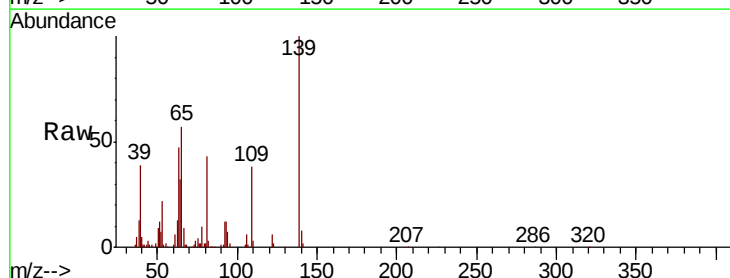
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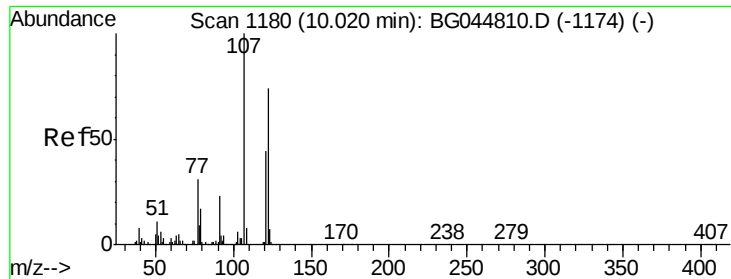
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#26
2-Nitrophenol
Concen: 42.714 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.5	30.2	45.4
65	56.6	46.3	69.5





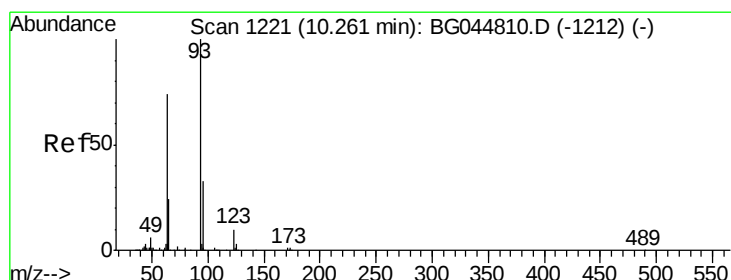
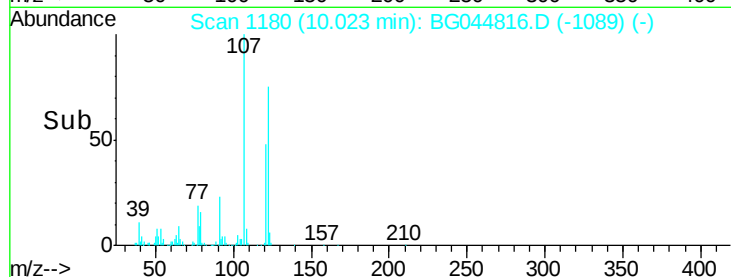
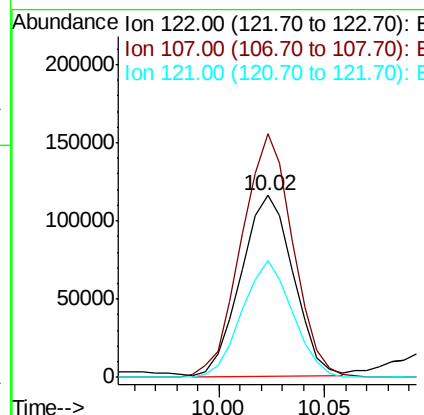
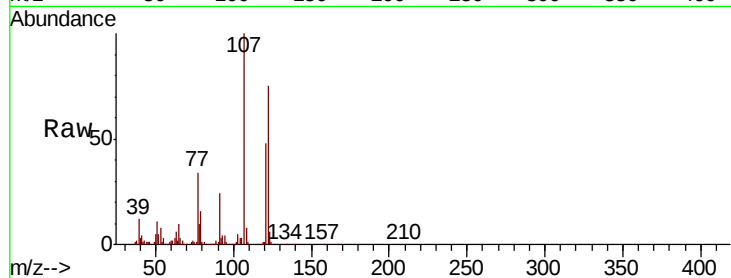
#27
2,4-Dimethylphenol
Concen: 40.225 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	198694		
107	134.0	107.1	160.7	
121	64.4	46.8	70.2	

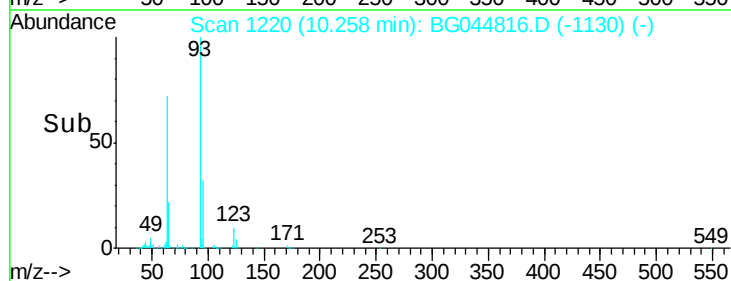
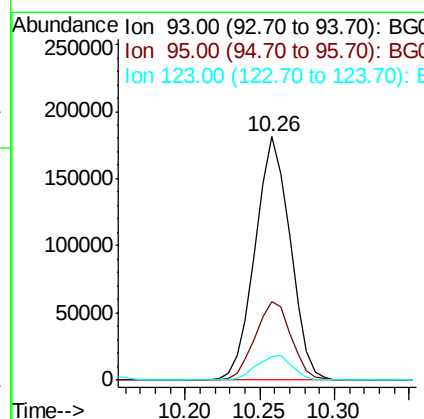
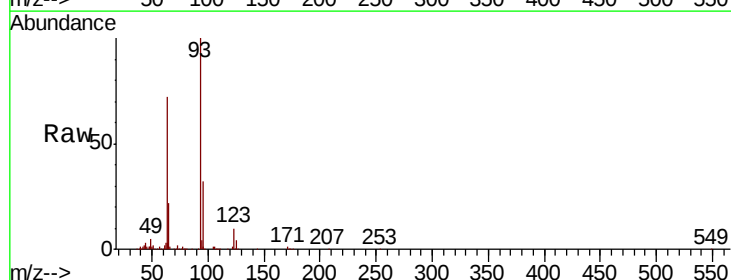
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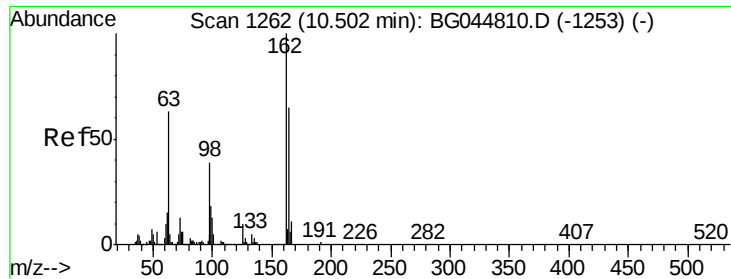
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#28
bis(2-Chloroethoxy)methane
Concen: 32.541 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	294571		
95	32.4	26.4	39.6	
123	9.9	8.4	12.6	





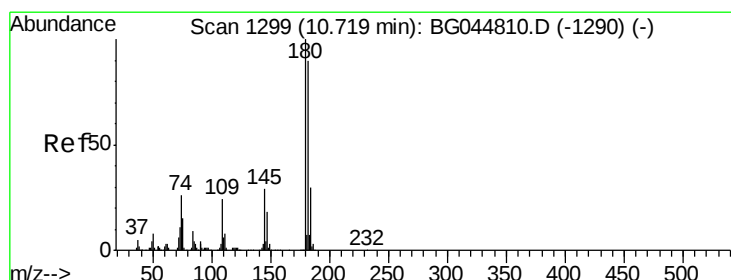
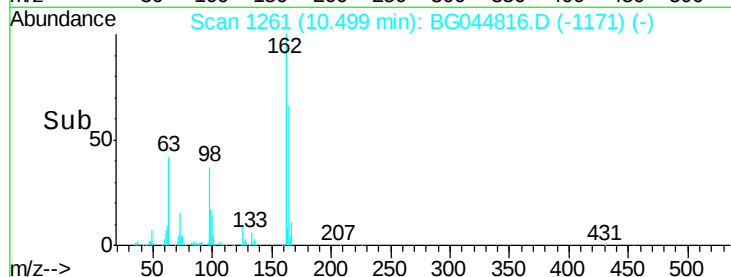
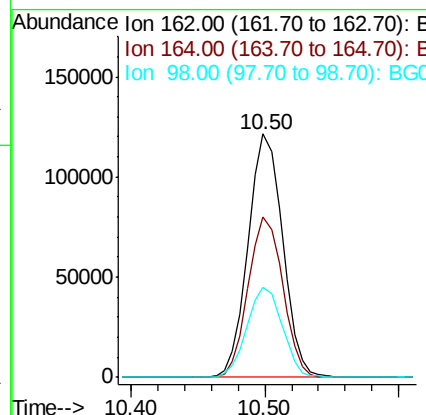
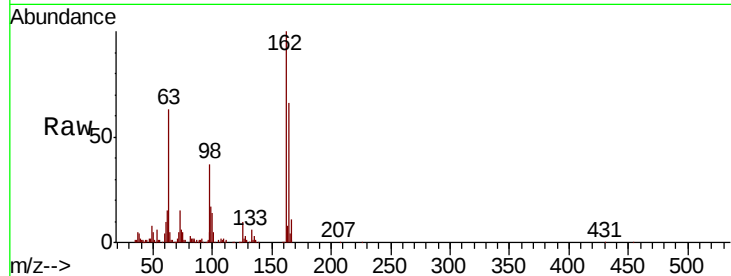
#29
 2,4-Dichlorophenol
 Concen: 37.703 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.2	85.2
98	37.2	19.0	59.0

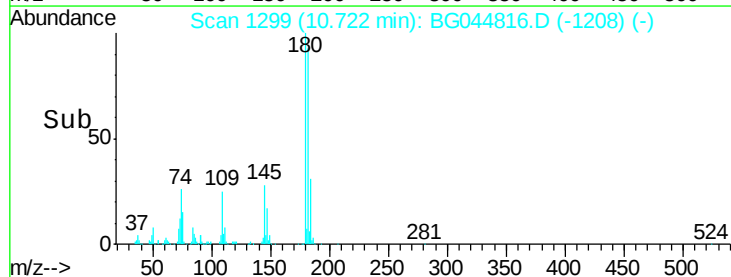
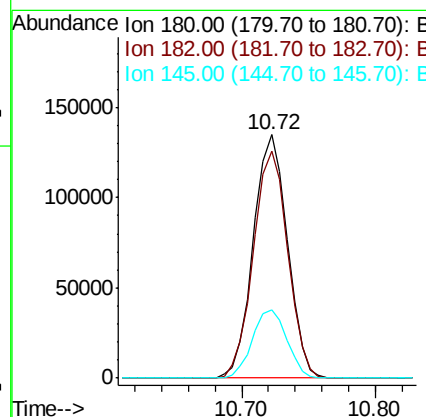
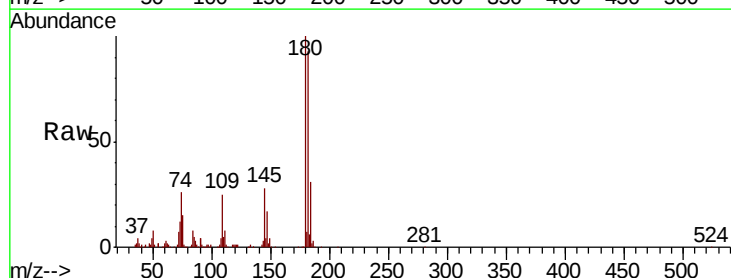
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.423 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	71.6	107.4
145	28.2	23.4	35.0





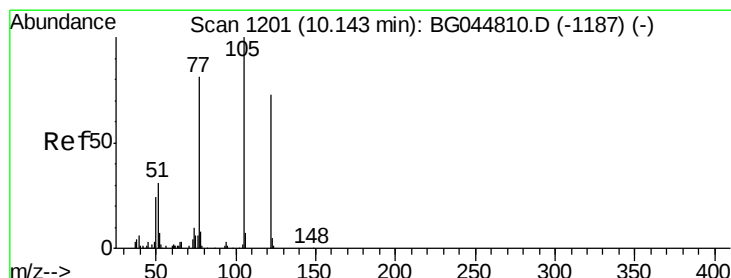
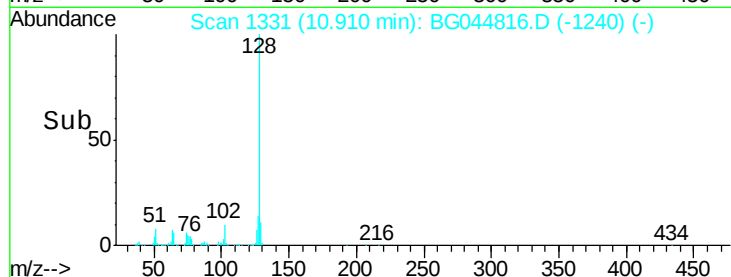
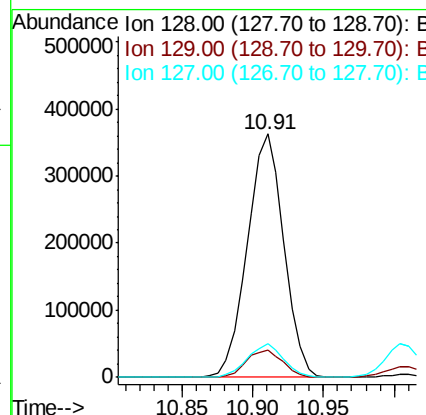
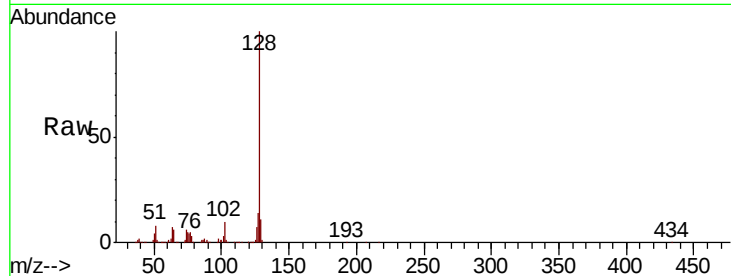
#31
Naphthalene
Concen: 34.678 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.9	10.8	16.2

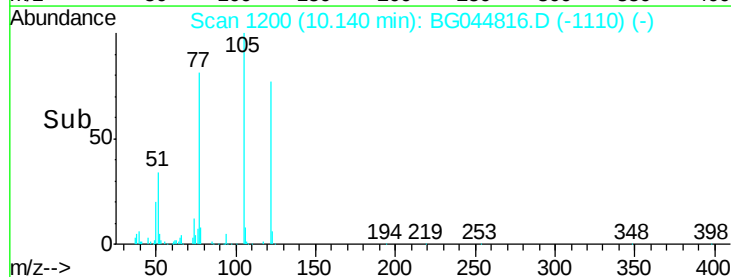
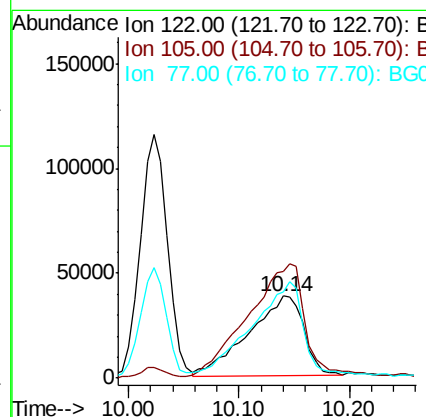
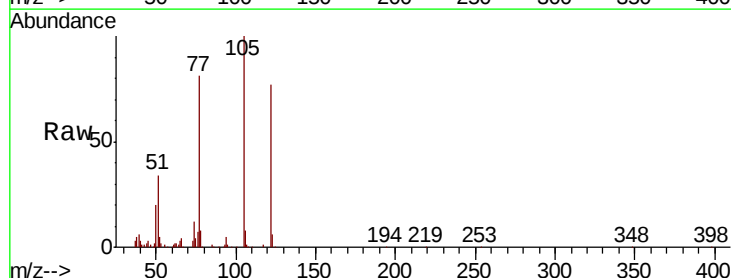
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#32
Benzoic acid
Concen: 37.037 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	130.3	109.1	149.1
77	105.6	85.3	125.3





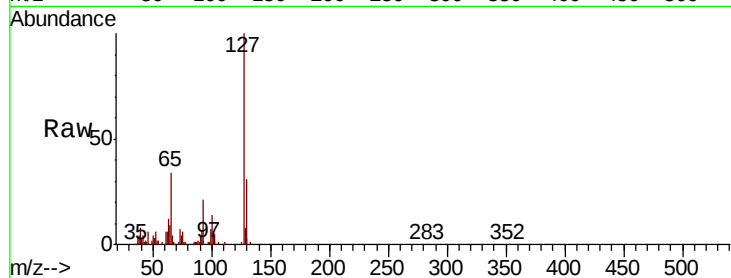
#33
4-Chloroaniline
Concen: 10.594 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.9	40.3
65	34.4	27.7	41.5
92	20.6	17.4	26.2

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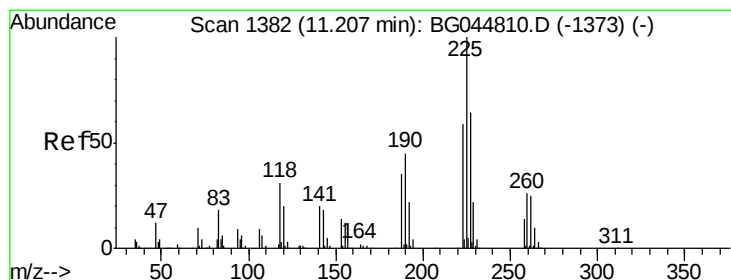
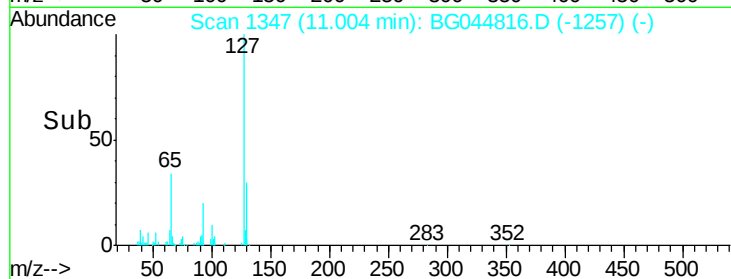
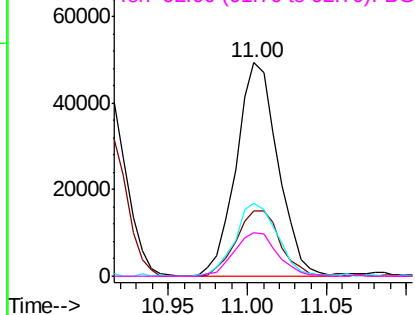
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

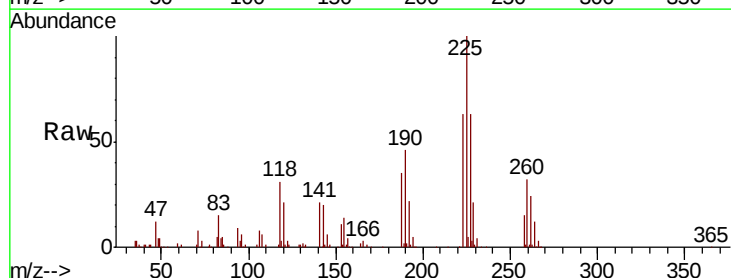
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.766 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.4	71.0
227	62.6	50.8	76.2

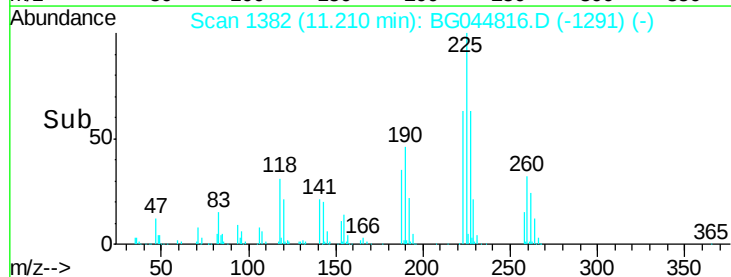
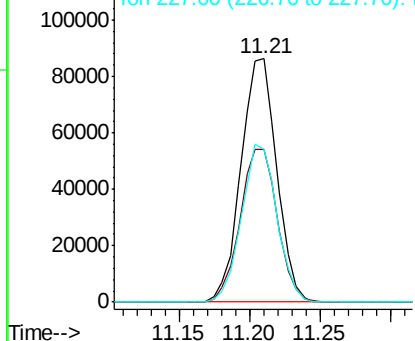


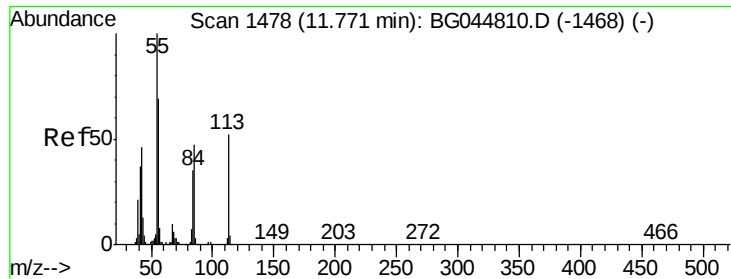
Abundance

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





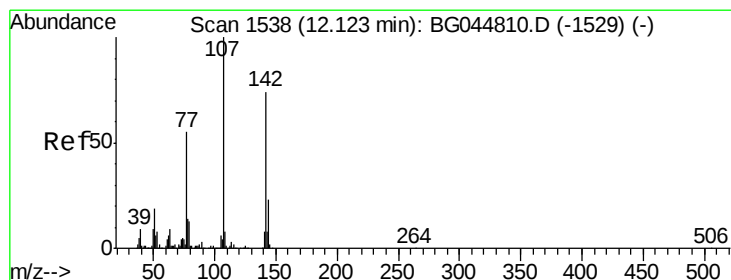
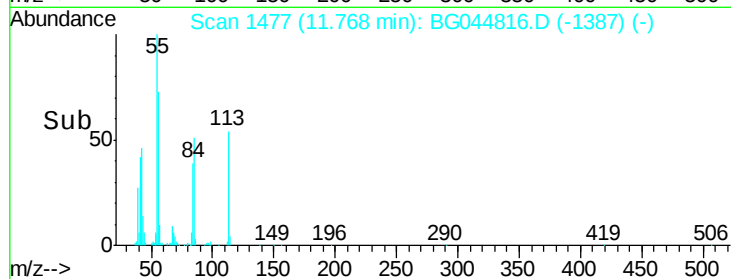
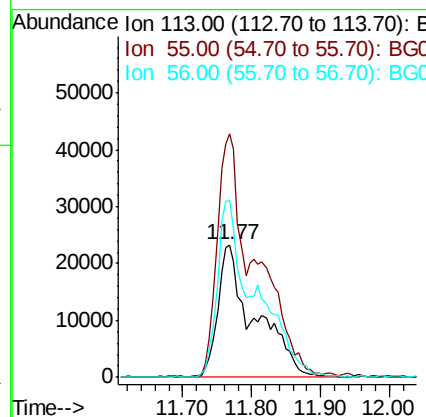
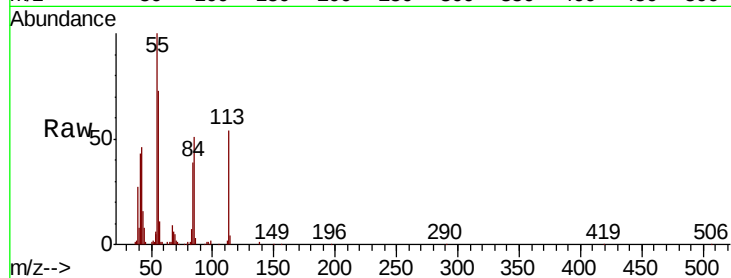
#35
Caprolactam
Concen: 39.659 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.9	173.8	213.8
56	133.7	113.8	153.8

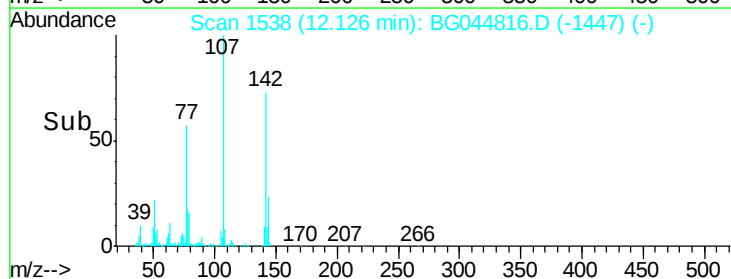
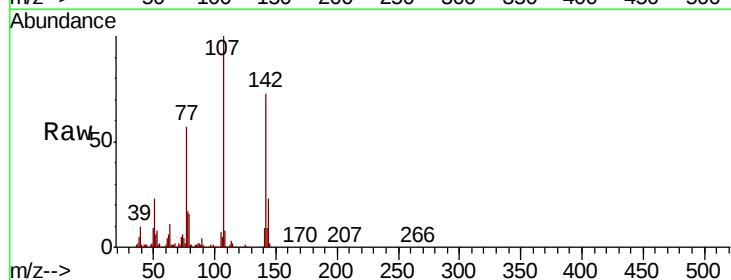
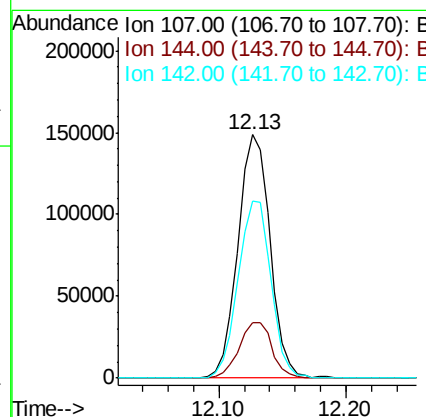
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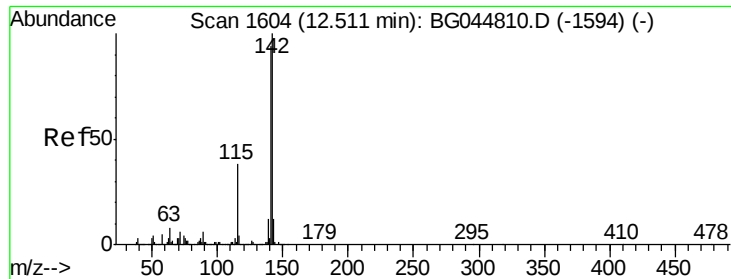
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#36
4-Chloro-3-methylphenol
Concen: 37.921 ng/ml
RT: 12.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.0	27.0
142	72.5	59.0	88.4





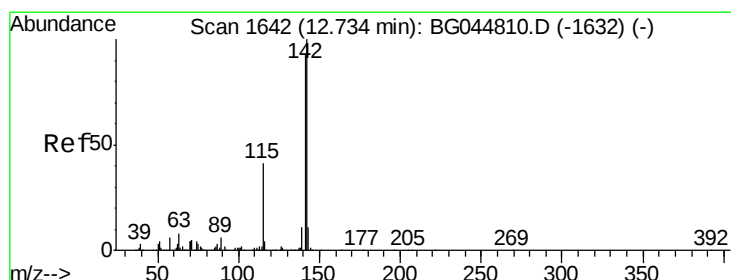
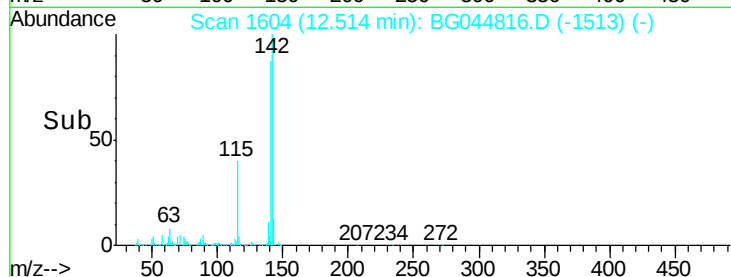
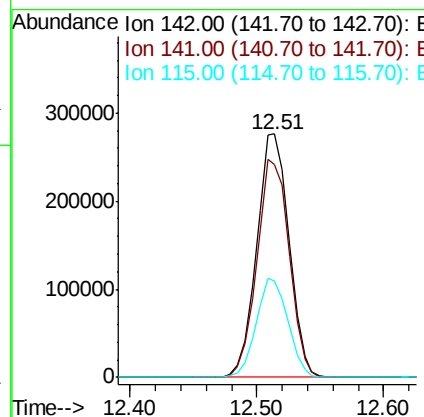
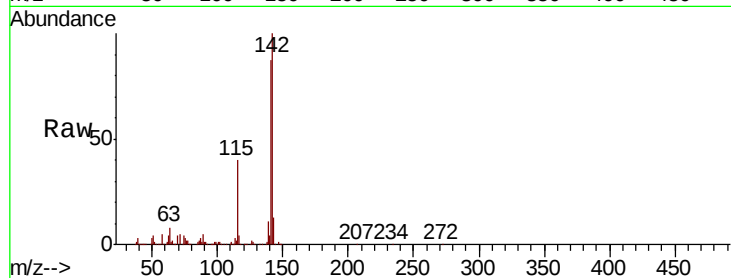
#37
 2-Methylnaphthalene
 Concen: 34.674 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	75.1	112.7
115	39.8	30.6	46.0

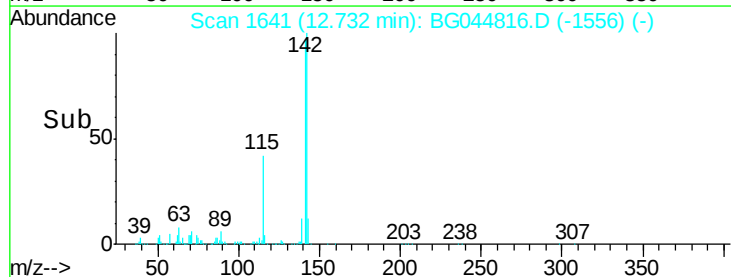
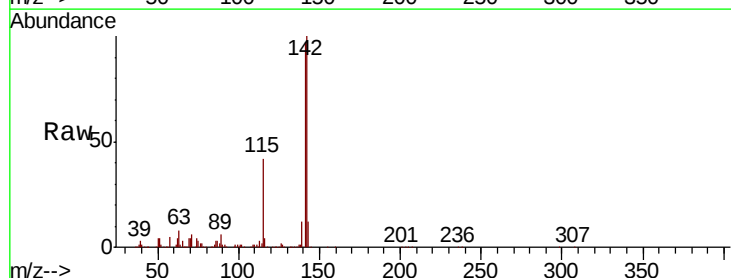
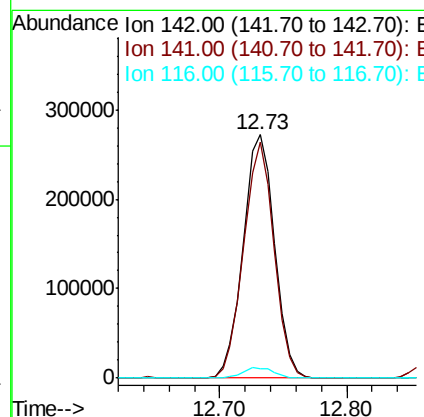
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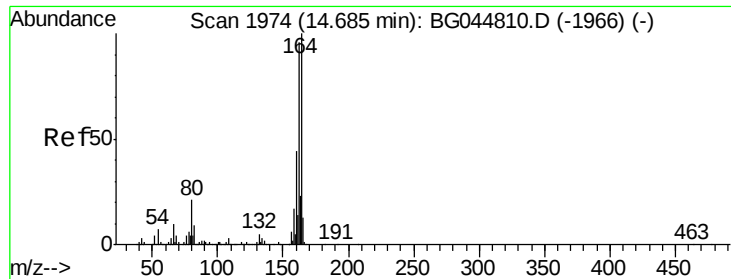
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#38
 1-Methylnaphthalene
 Concen: 35.067 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	74.7	112.1
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

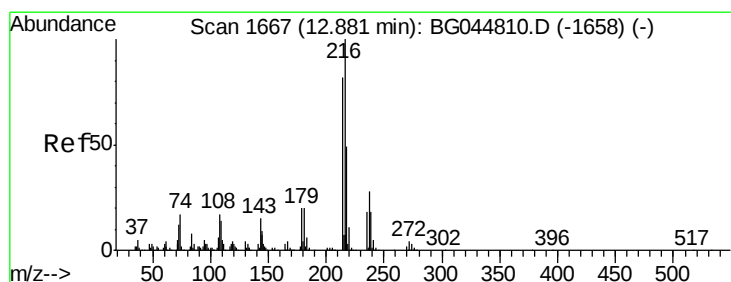
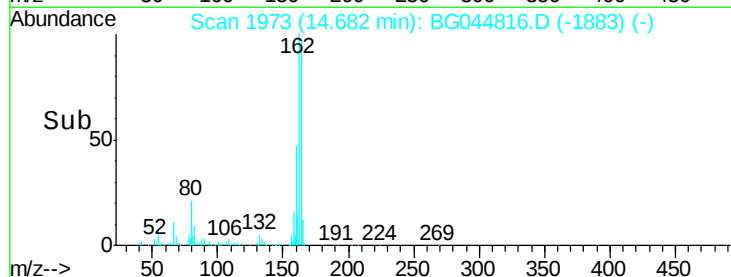
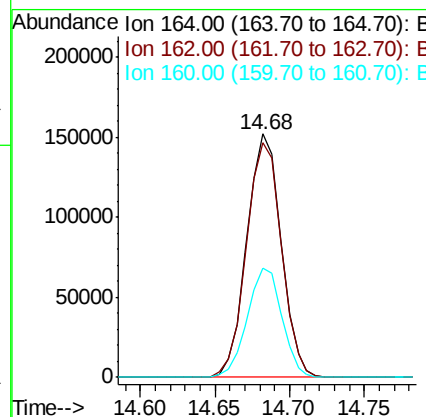
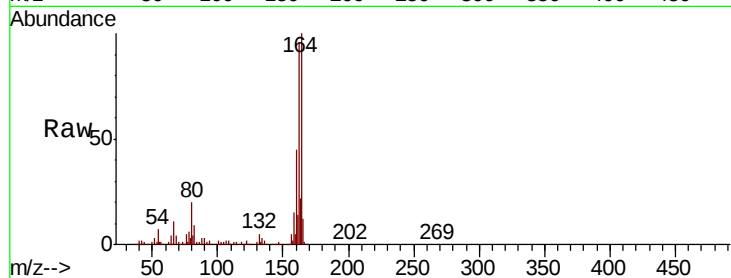
ClientSampleId :

Z1-3MS

Tot Ion:	164	Resp:	241714
Ion Ratio	Lower	Upper	
164	100		
162	96.2	76.7	115.1
160	44.9	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.118 ng

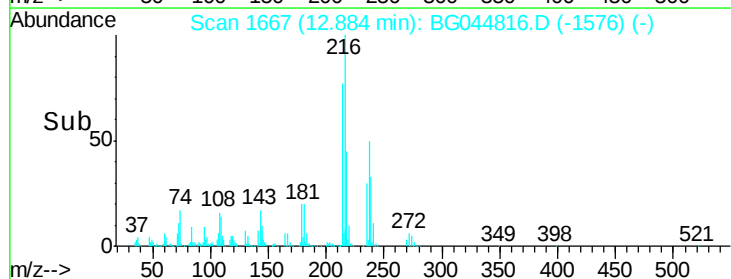
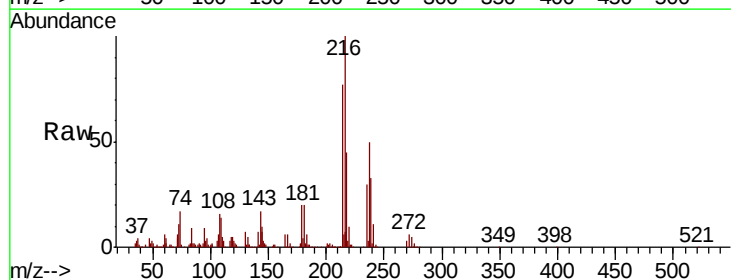
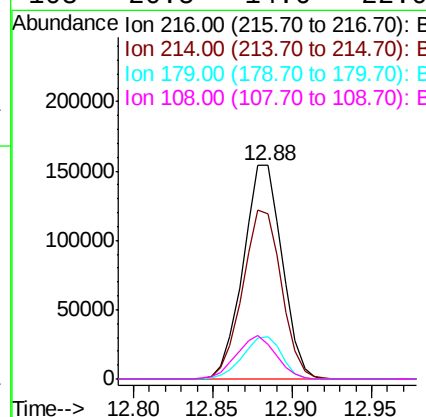
RT: 12.88 min Scan# 1667

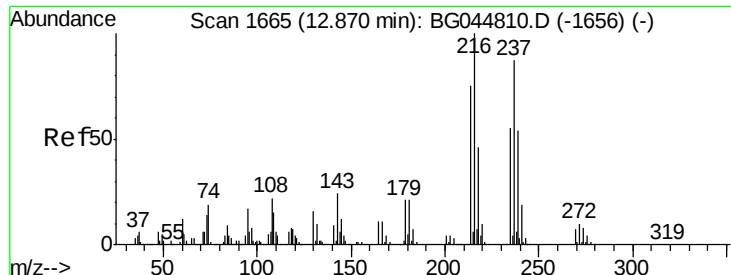
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	216	Resp:	263628
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.8	95.6
179	19.7	16.2	24.2
108	20.5	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 79.805 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

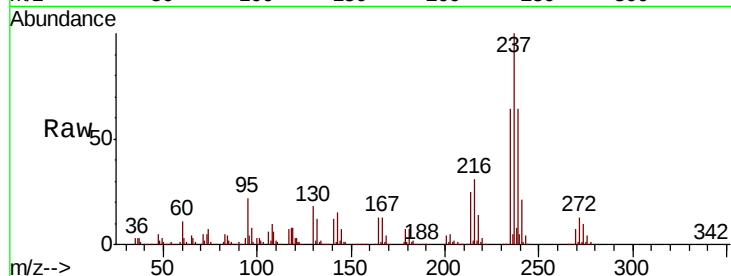
ClientSampleId :

Z1-3MS

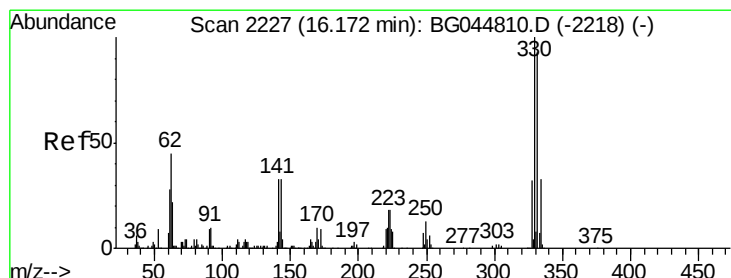
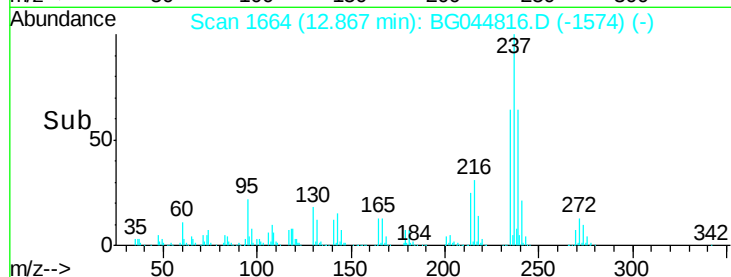
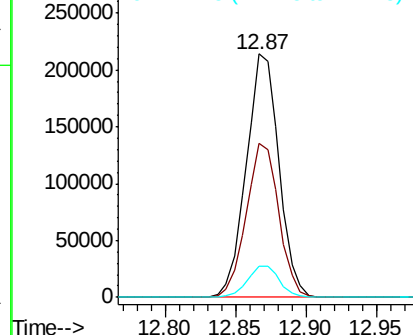
Tot Ion:	237	Resp:	347182
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.9	82.9
272	12.8	0.0	31.6

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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: 107.221 ng

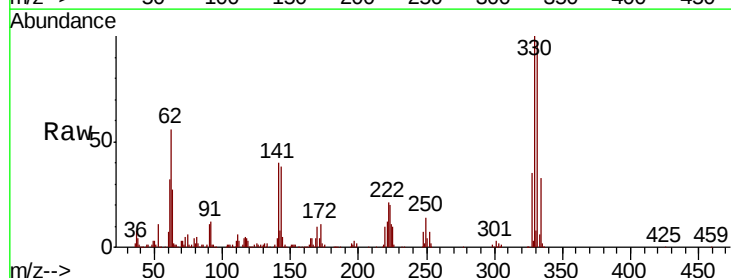
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

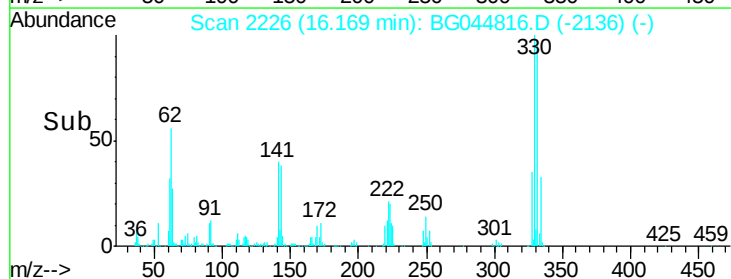
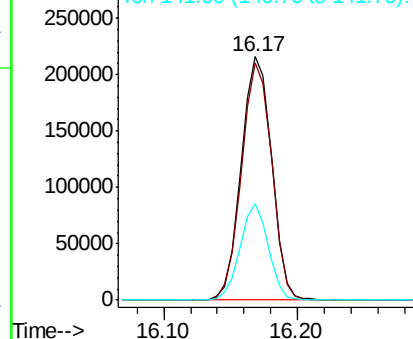
Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	330	Resp:	339341
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.8	116.6
141	37.4	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





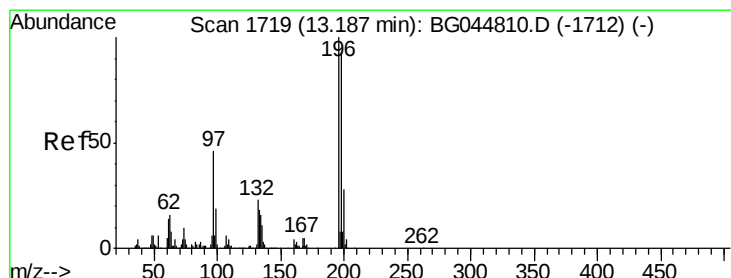
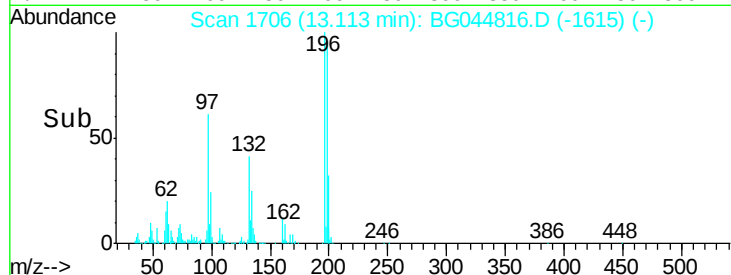
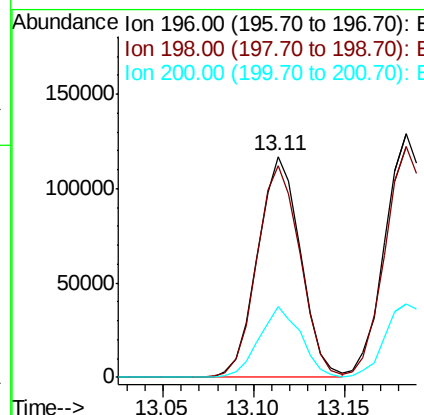
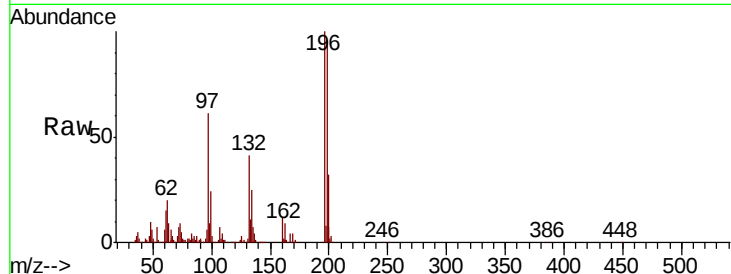
#43
 2,4,6-Trichlorophenol
 Concen: 36.301 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		191777		
198	95.8	74.9	112.3		
200	32.0	25.8	38.6		

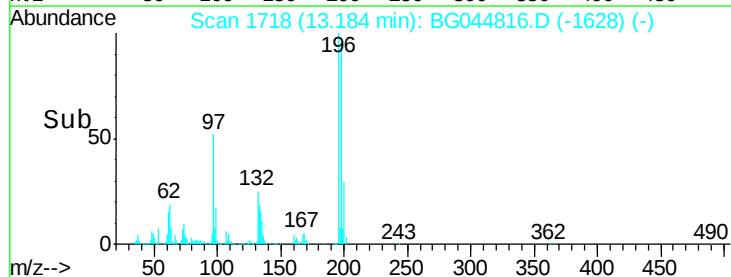
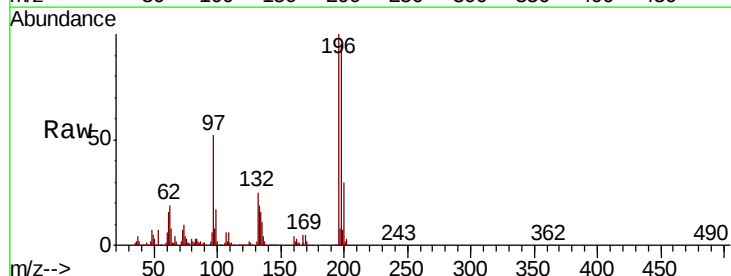
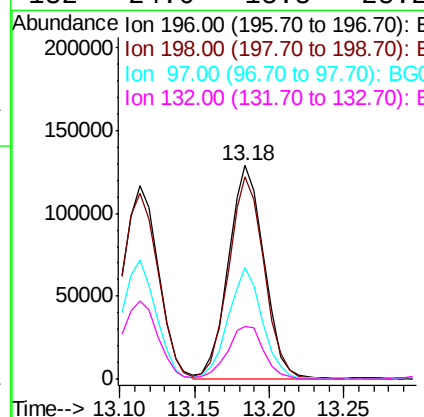
Manual Integrations
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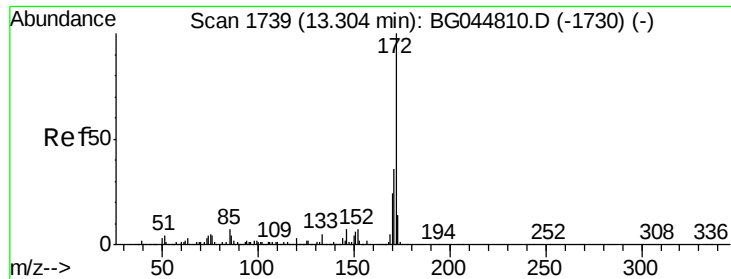
mohammad
 3/18/2020 8:44:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.145 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		214467		
198	94.9	74.2	111.4		
97	52.2	36.7	55.1		
132	24.6	18.8	28.2		





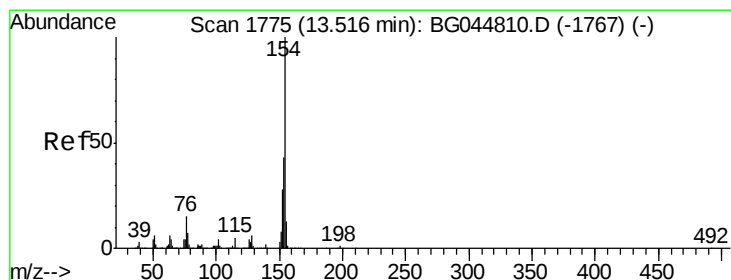
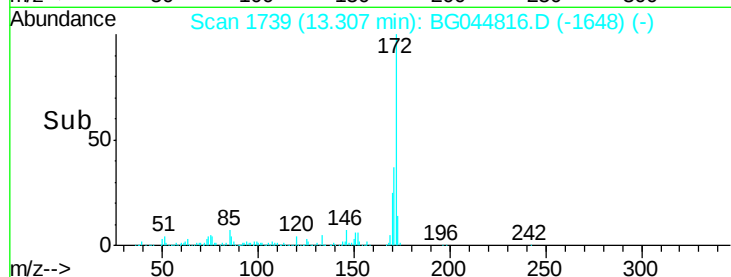
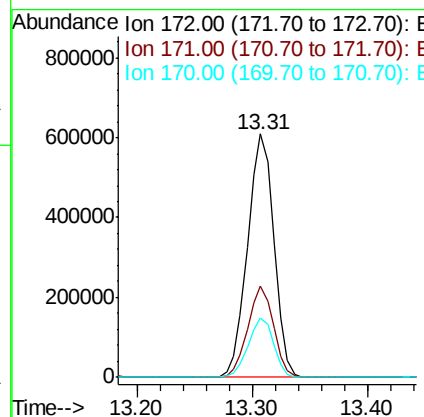
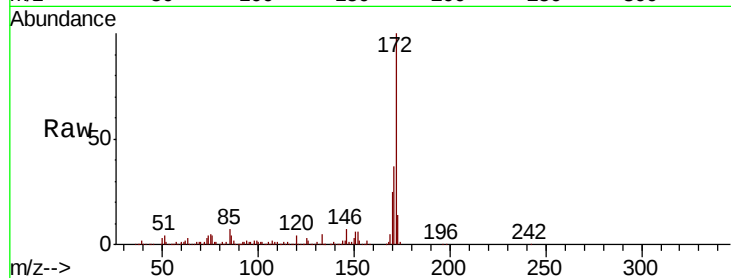
#45
2-Fluorobiphenyl
Concen: 57.164 ng
RT: 13.31 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.7	43.1
170	24.5	19.0	28.6

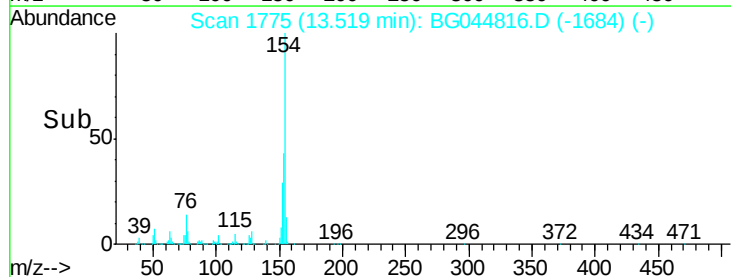
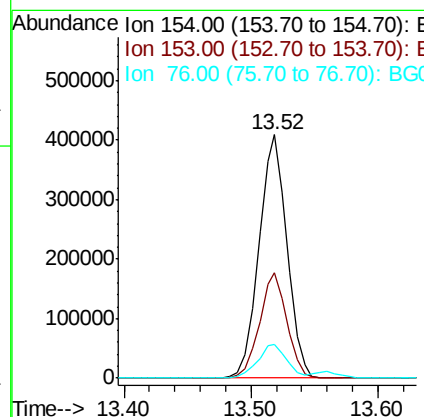
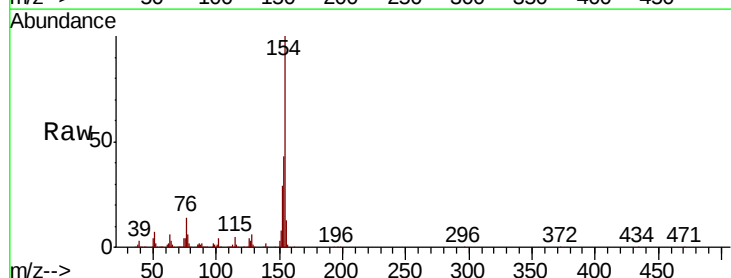
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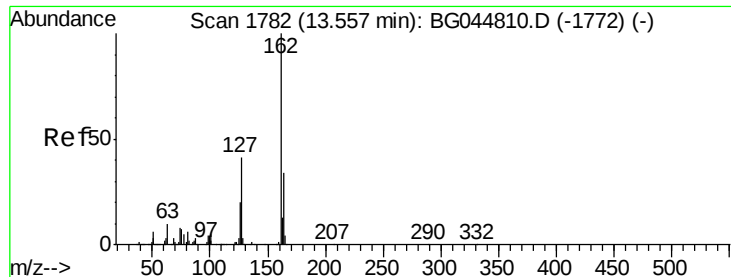
mohammad
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#46
1,1'-Biphenyl
Concen: 32.358 ng
RT: 13.52 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.9	62.9
76	13.7	0.0	34.6





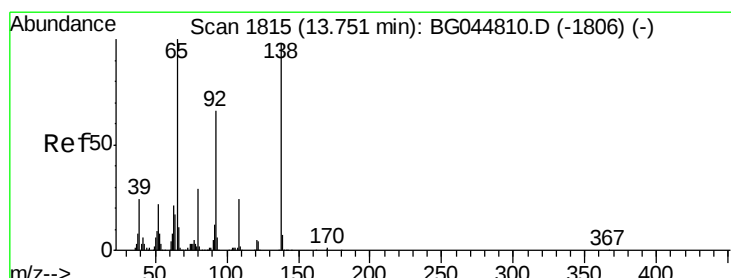
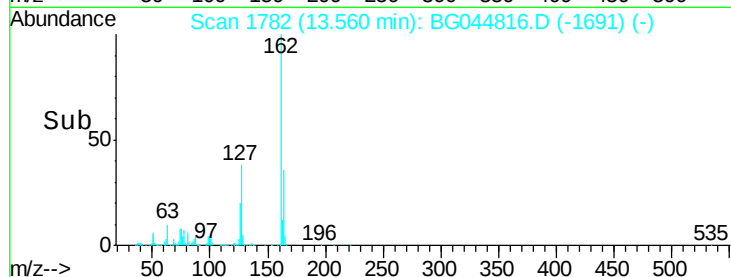
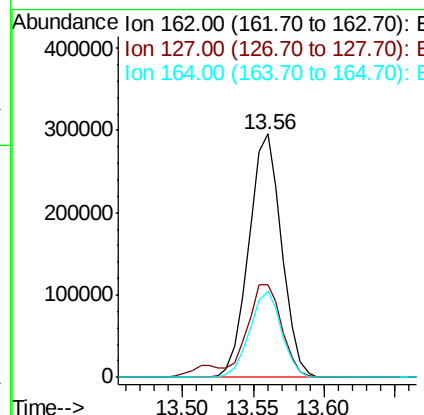
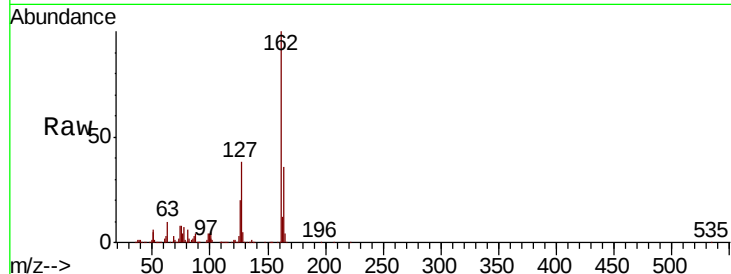
#47
 2-Chloronaphthalene
 Concen: 32.571 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion:	162	Resp:	480604
Ion Ratio	Lower	Upper	
162	100		
127	38.0	33.1	49.7
164	35.6	27.4	41.2

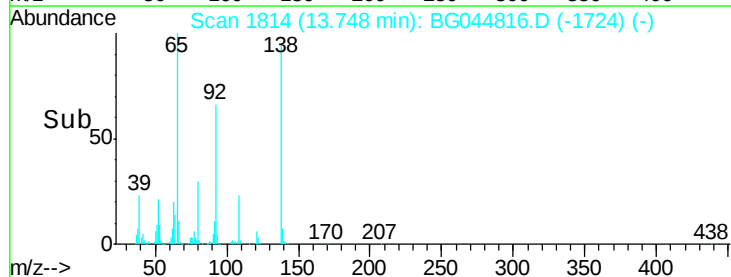
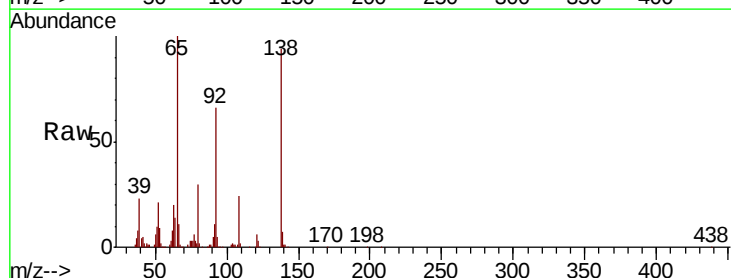
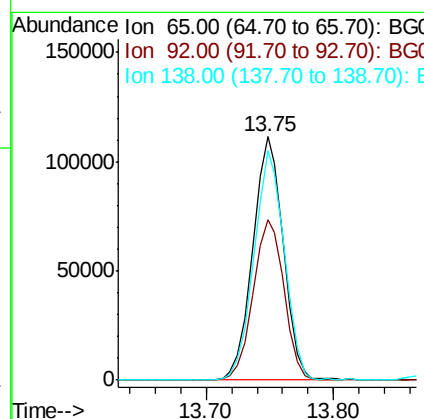
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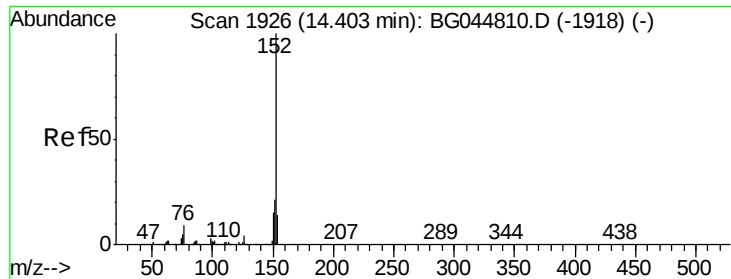
mohammad
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#48
 2-Nitroaniline
 Concen: 36.008 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:	65	Resp:	186012
Ion Ratio	Lower	Upper	
65	100		
92	65.9	52.6	79.0
138	94.5	78.3	117.5





#49

Acenaphthylene

Concen: 35.198 ng

RT: 14.41 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

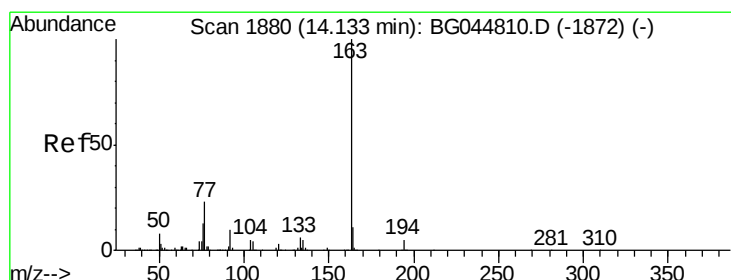
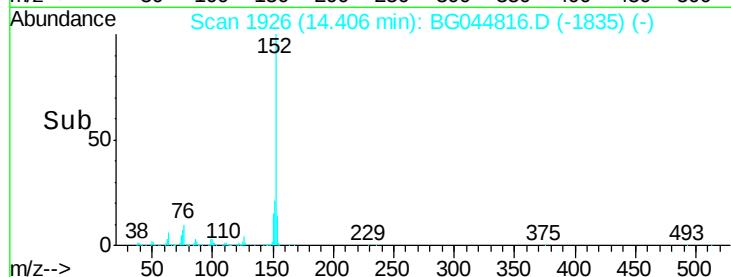
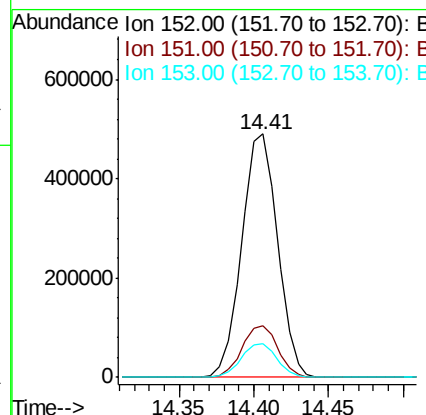
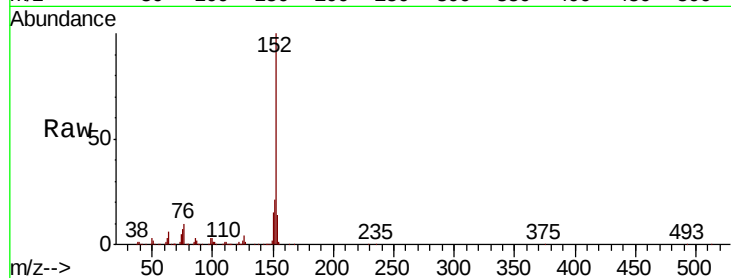
ClientSampleId :

Z1-3MS

Tot Ion:	152	Resp:	813662
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	14.0	10.8	16.2

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#50

Dimethylphthalate

Concen: 41.158 ng

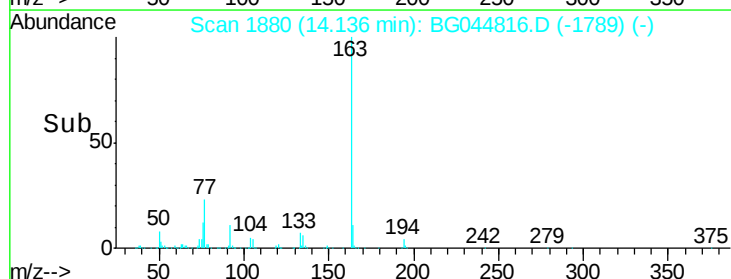
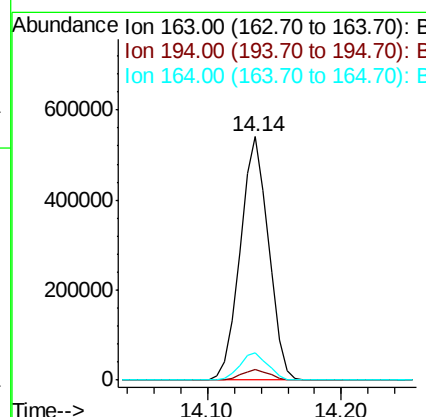
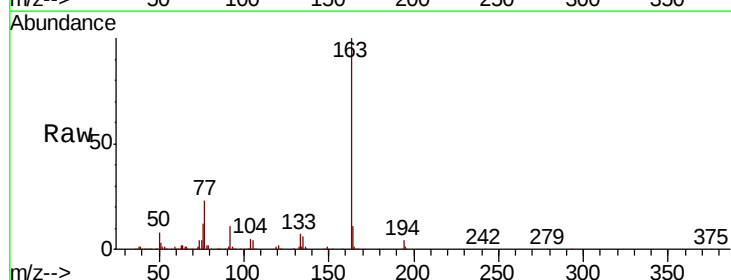
RT: 14.14 min Scan# 1880

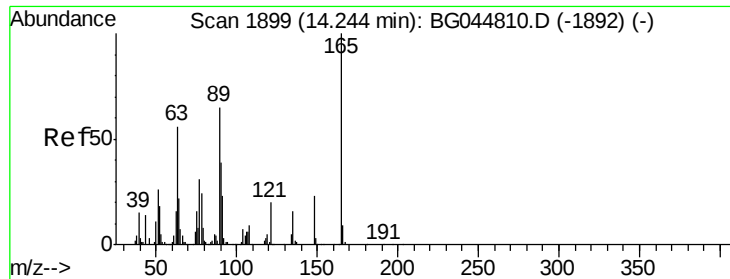
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	163	Resp:	792359
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.7	5.5
164	11.2	9.1	13.7





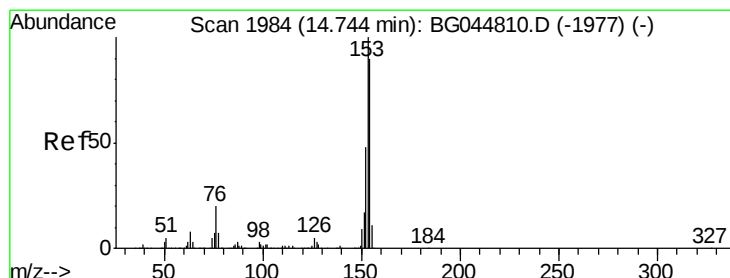
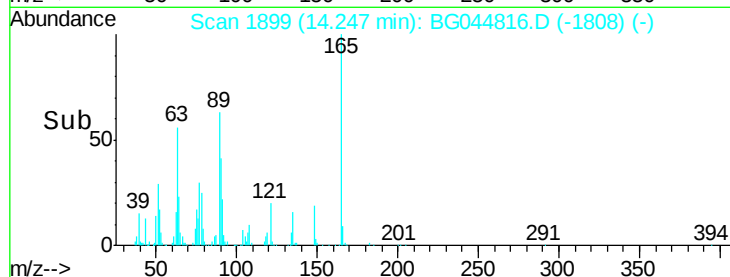
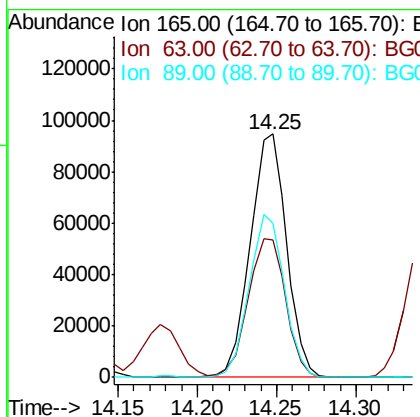
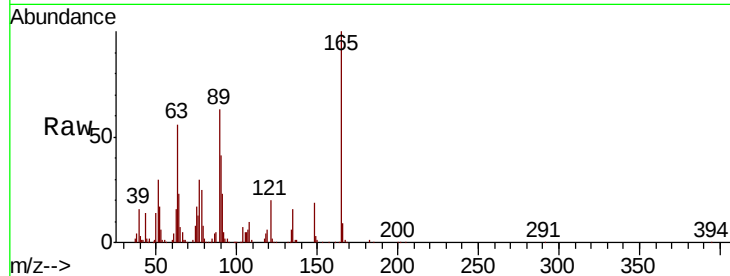
#51
2,6-Dinitrotoluene
Concen: 38.810 ng
RT: 14.25 min Scan# 1899
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	150602		
63	56.3		45.8	68.8
89	63.4		51.8	77.6

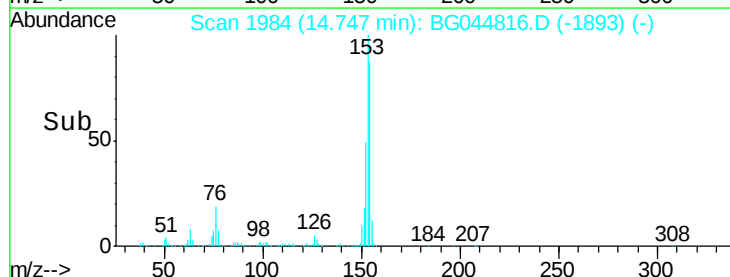
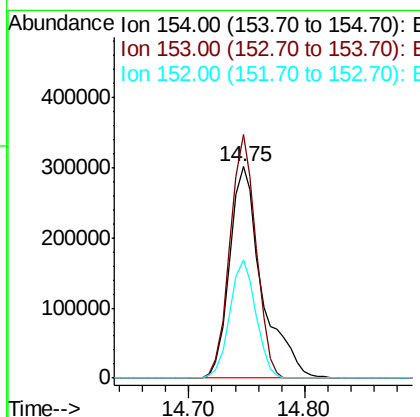
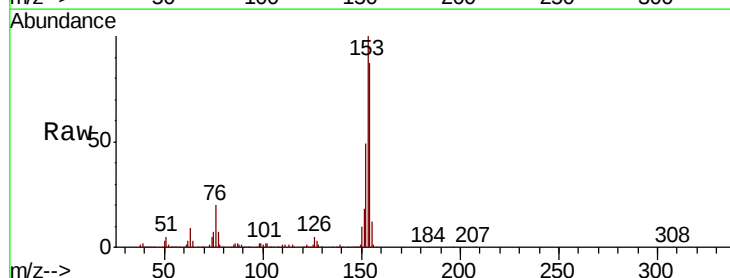
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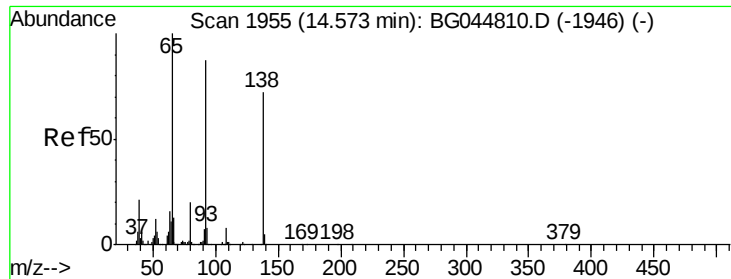
mohammad
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#52
Acenaphthene
Concen: 38.657 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	585244		
153	115.1		89.0	133.6
152	56.0		43.0	64.6





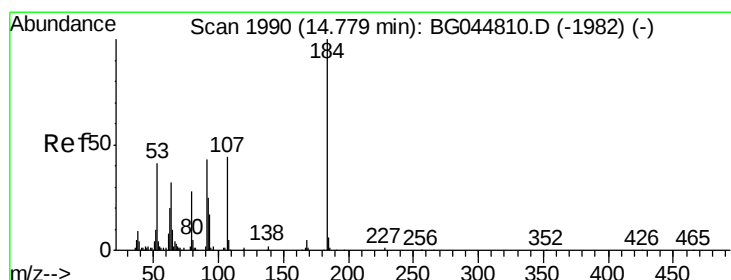
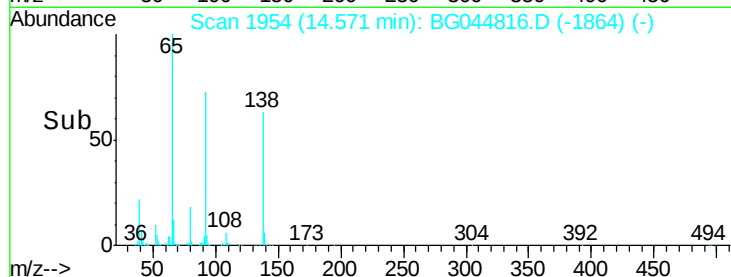
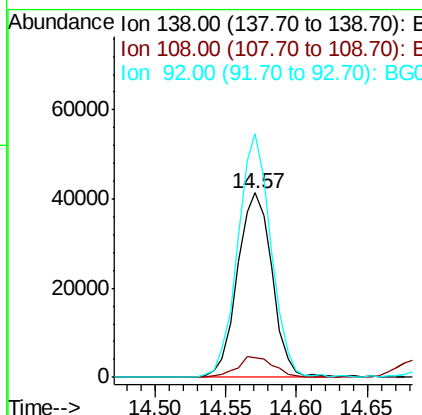
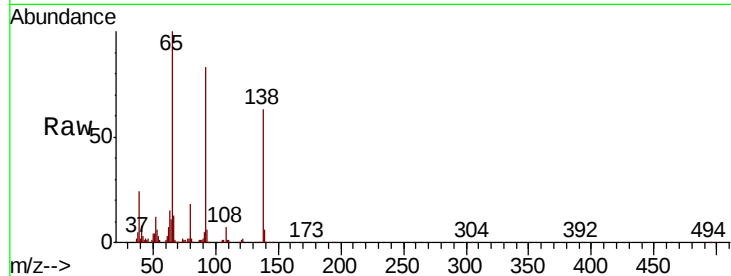
#53
3-Nitroaniline
Concen: 15.846 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.0	13.4
92	132.1	96.8	145.2

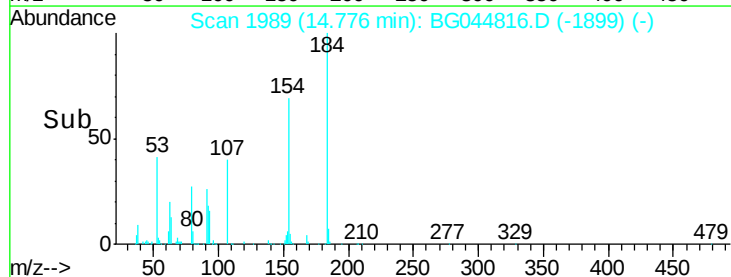
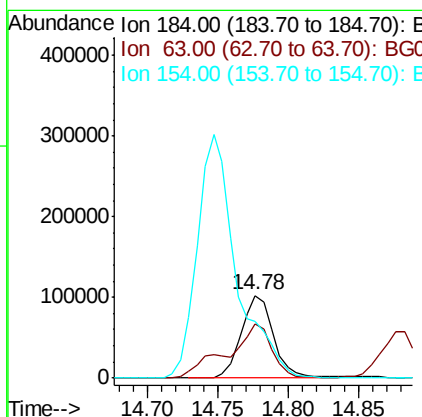
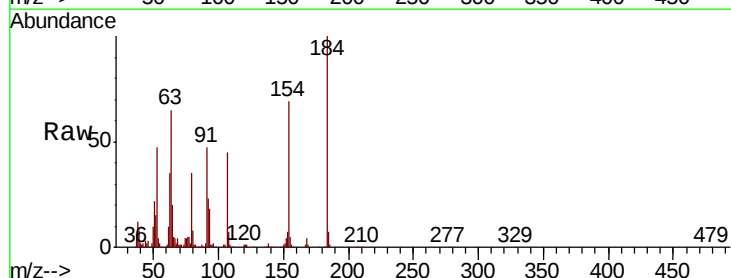
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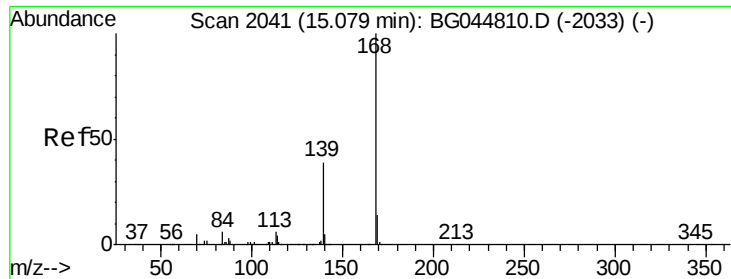
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.614 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	45.5	68.3
154	69.2	49.1	73.7





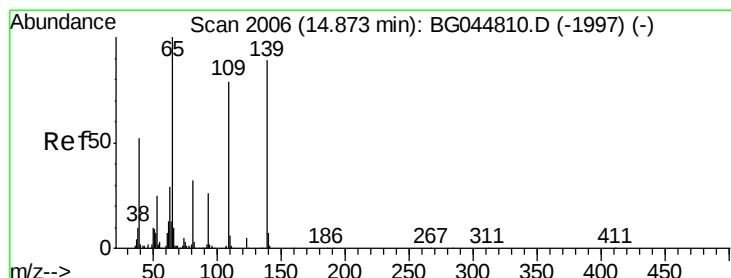
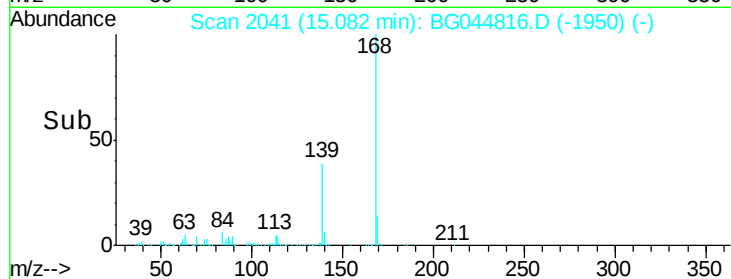
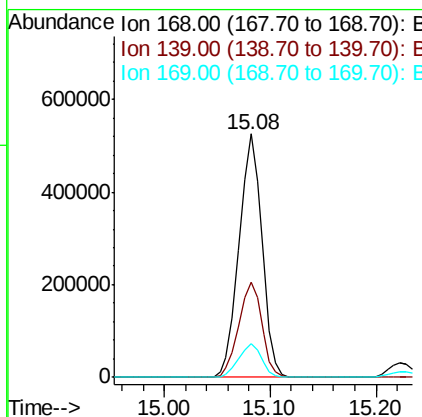
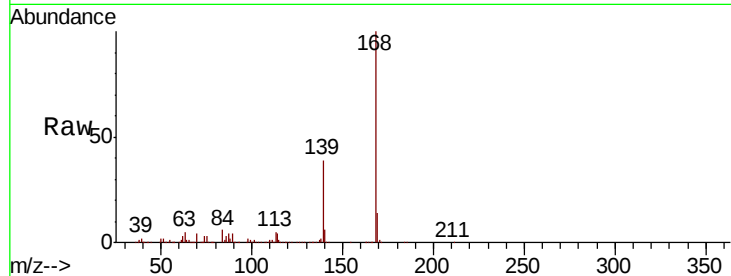
#55
Dibenzenofuran
Concen: 35.706 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	783897		
139	38.9		31.4	47.0
169	14.0		11.1	16.7

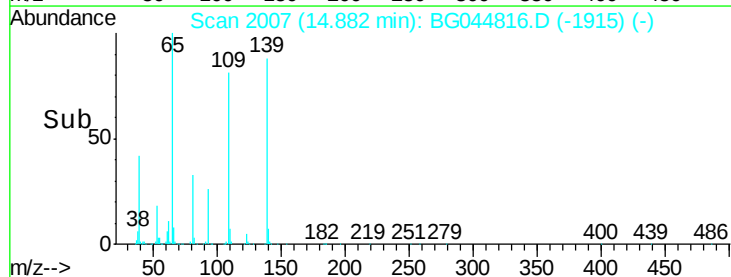
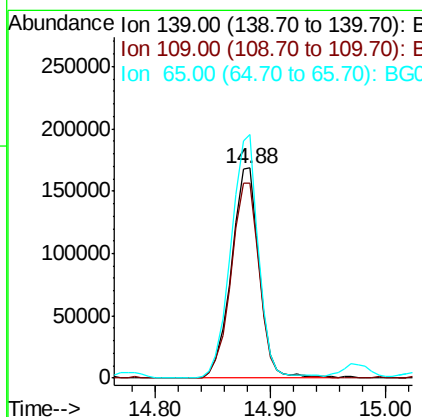
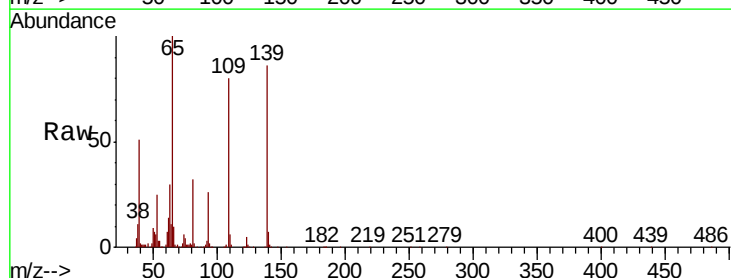
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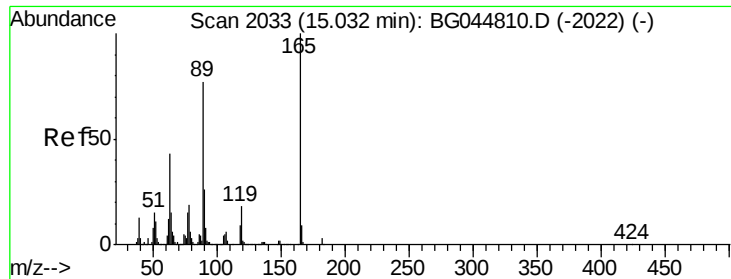
mohammad
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#56
4-Nitrophenol
Concen: 82.946 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	282420		
109	92.9		68.8	108.8
65	116.0		92.5	132.5





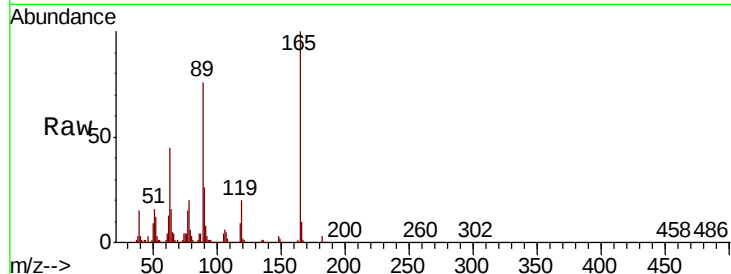
#57
2,4-Dinitrotoluene
Concen: 40.992 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		218161		
63	45.4	34.6	52.0		
89	75.7	61.3	91.9		
182	2.7	2.2	3.2		

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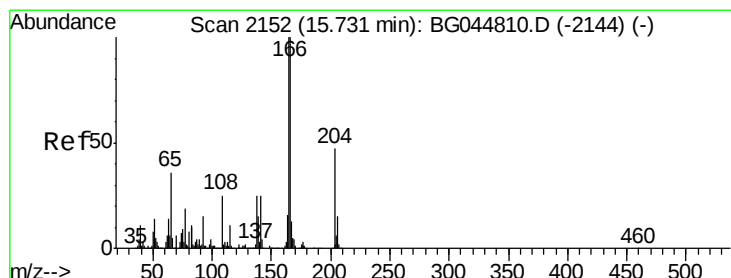
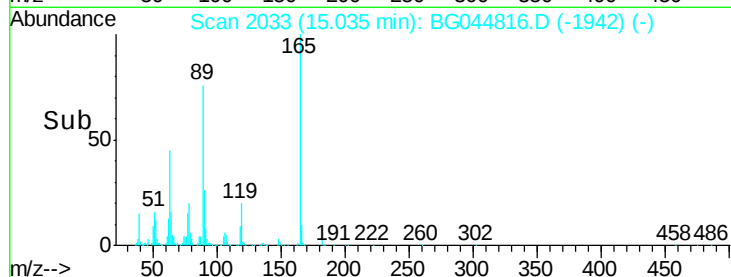
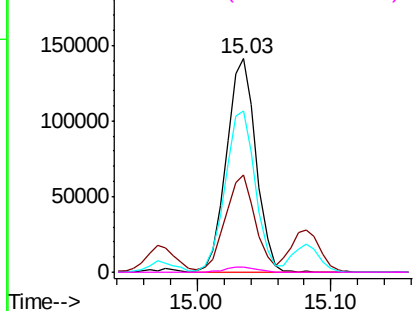


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



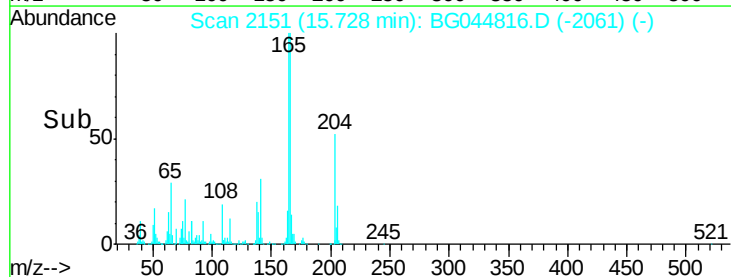
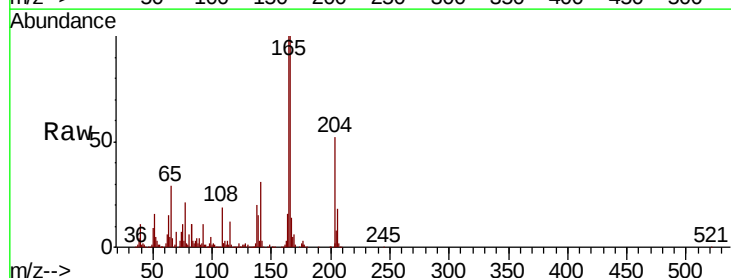
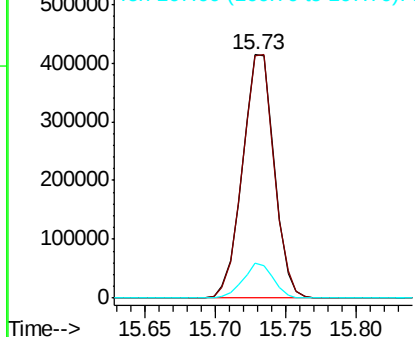
#58
Fluorene
Concen: 36.015 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

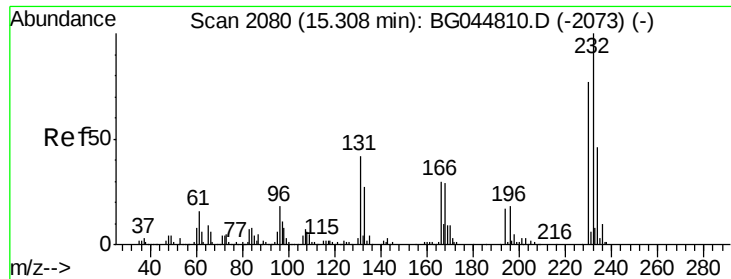
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		650429		
165	99.7	79.7	119.5		
167	14.4	10.6	16.0		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





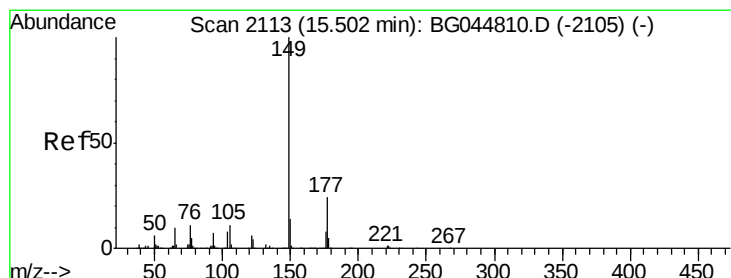
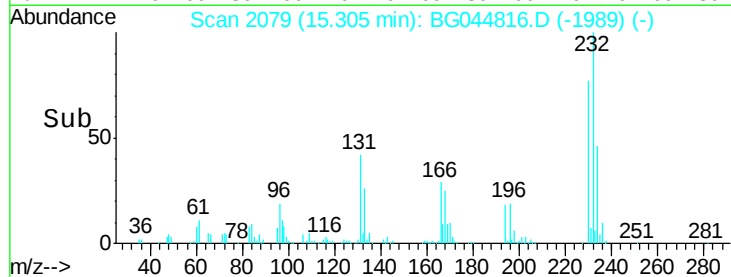
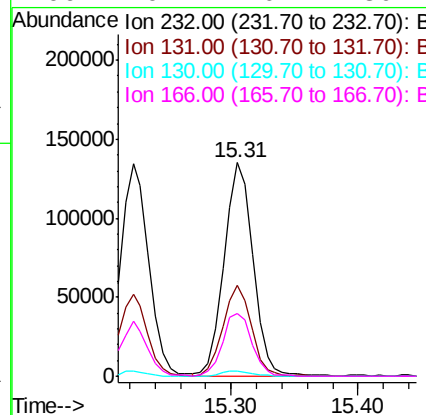
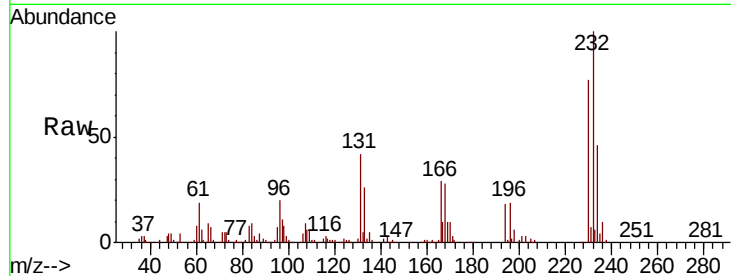
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.268 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	213201		
131	41.6		31.8	47.8
130	2.5		2.2	3.2
166	29.4		20.2	30.2

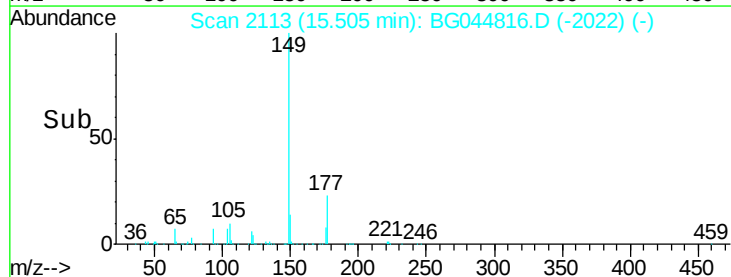
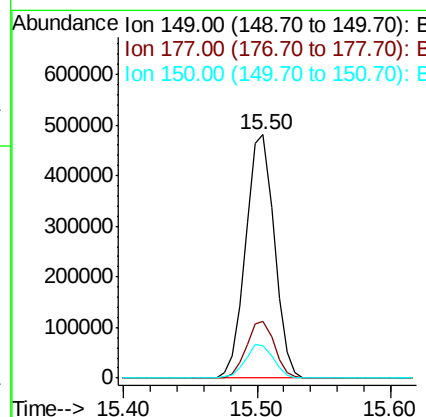
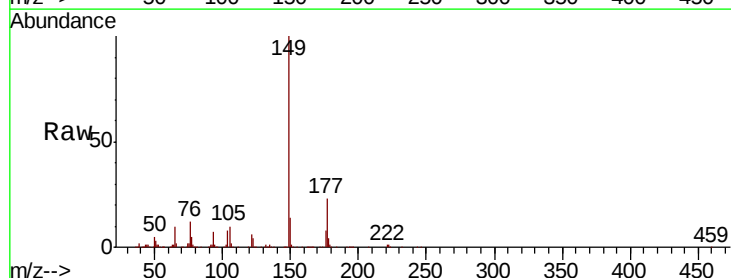
Manual Integrations
 APPROVED

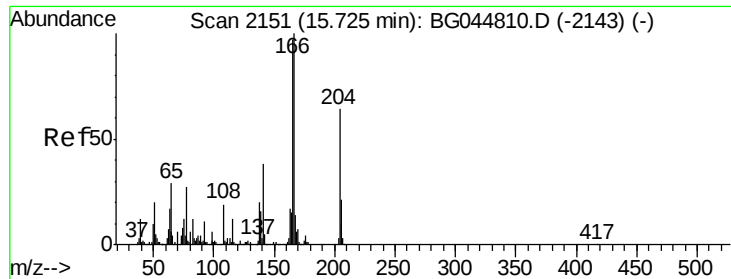
mohammad
 3/18/2020 8:44:12 AM



#60
 Diethylphthalate
 Concen: 35.300 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	708786		
177	23.4		19.3	28.9
150	13.5		11.0	16.6





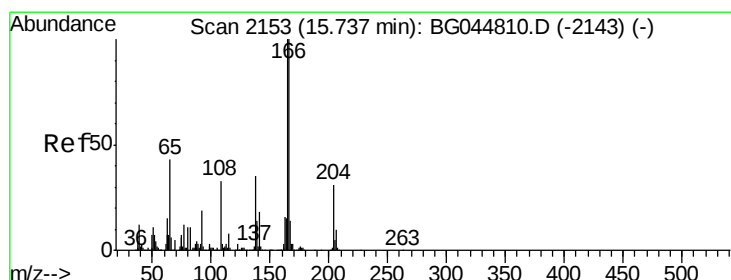
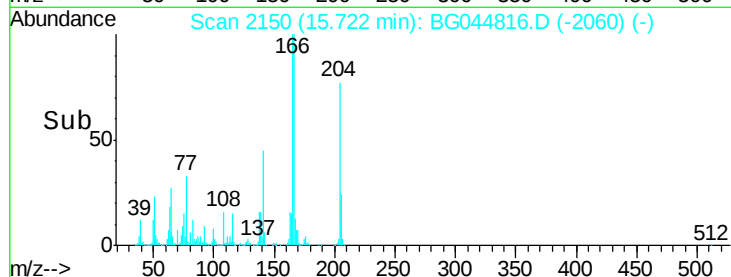
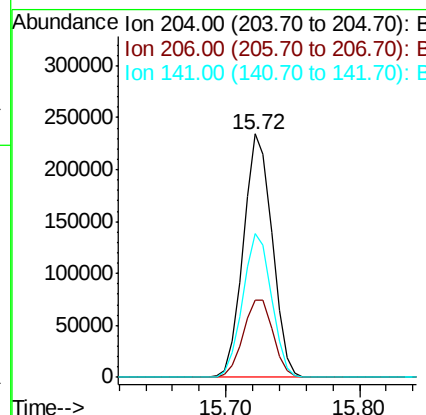
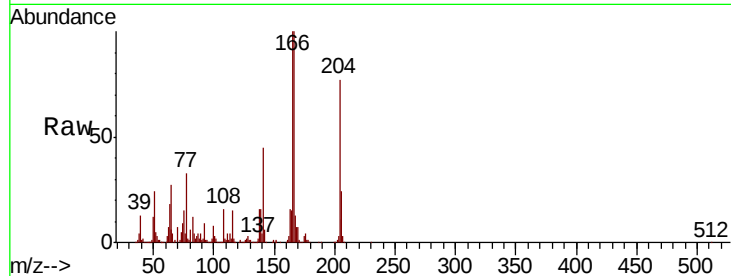
#61
 4-Chlorophenyl-phenylether
 Concen: 35.864 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.2	39.2
141	58.9	47.7	71.5

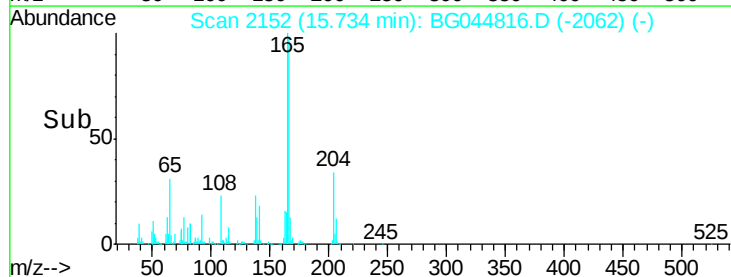
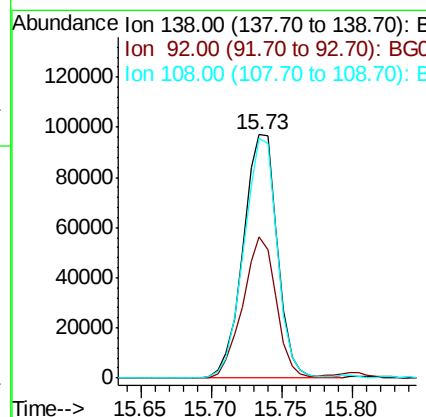
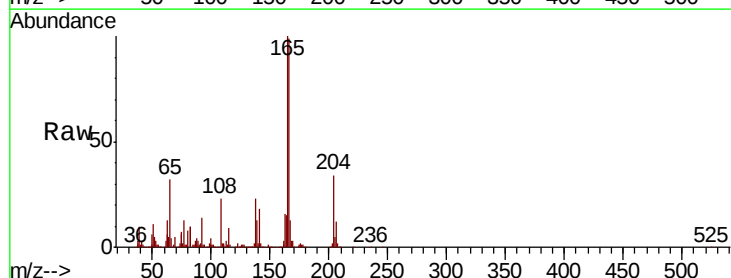
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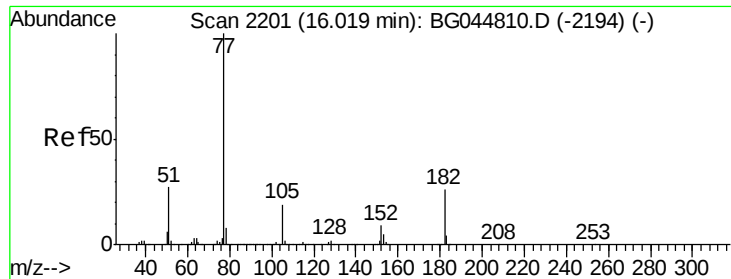
mohammad
 3/18/2020 8:44:12 AM



#62
 4-Nitroaniline
 Concen: 34.571 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	34.5	74.5
108	98.6	74.5	114.5





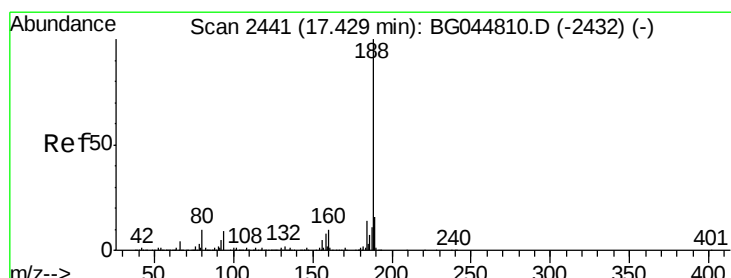
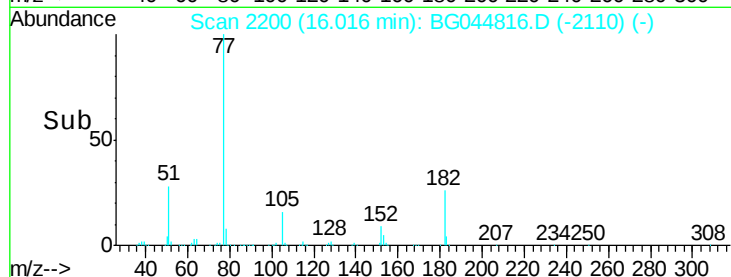
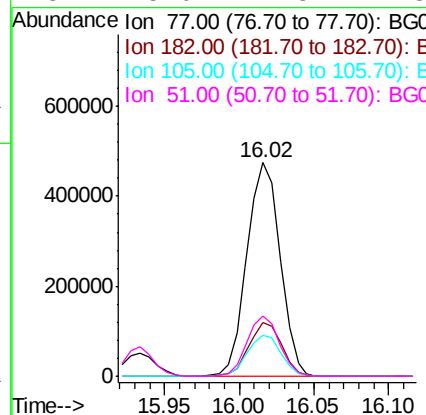
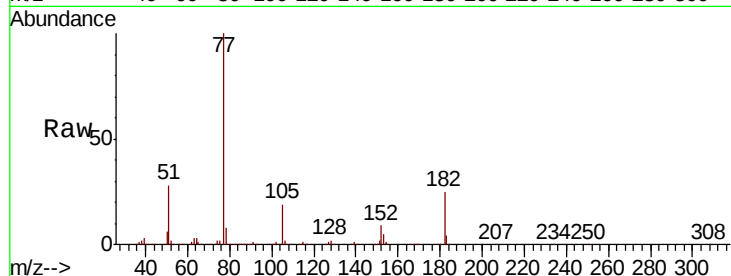
#63
Azobenzene
Concen: 34.975 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		729281		
182	25.4	6.4	46.4		
105	19.1	0.0	39.1		
51	28.0	7.3	47.3		

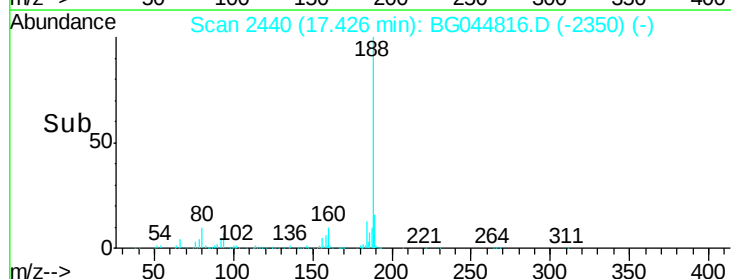
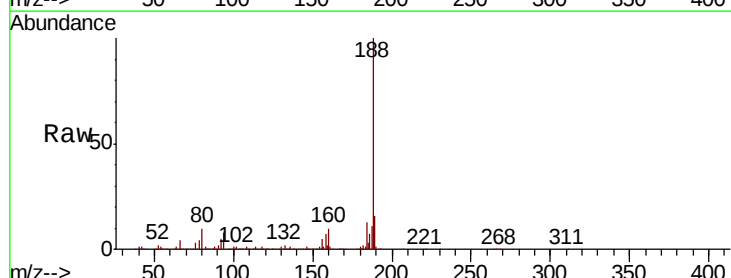
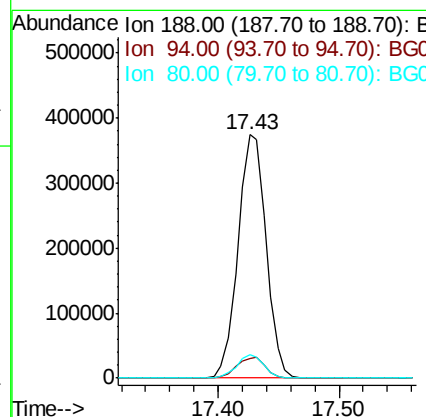
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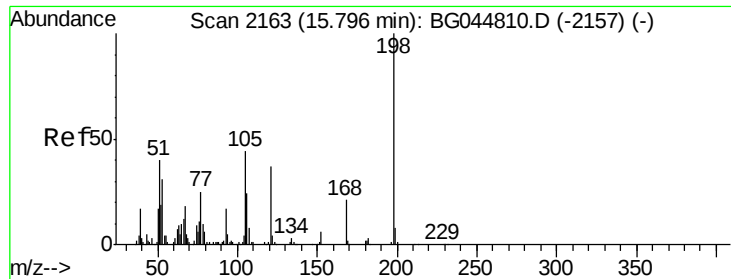
mohammad
3/18/2020 8:44:12 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		605853		
94	8.0	7.3	10.9		
80	9.9	8.0	12.0		





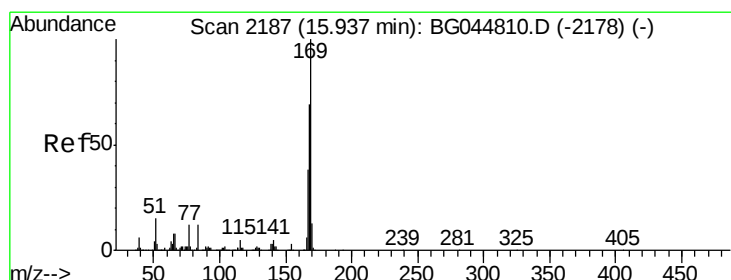
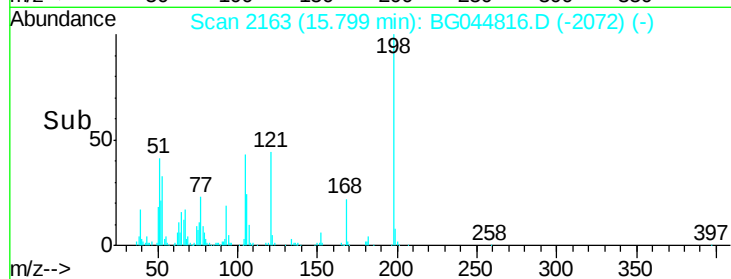
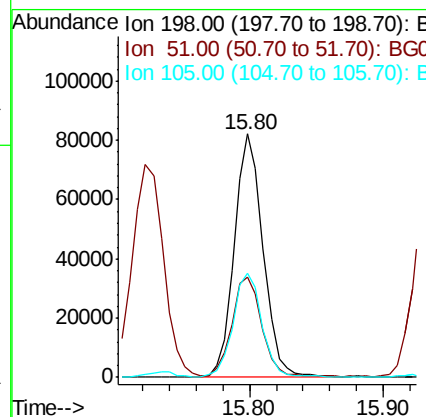
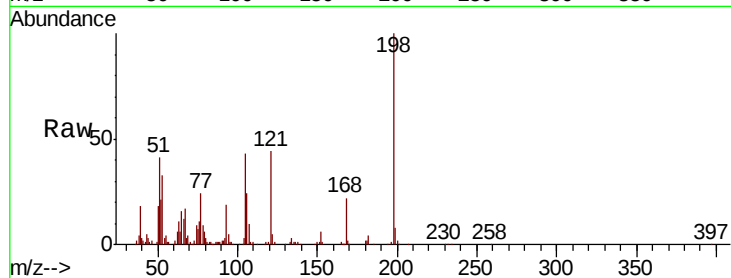
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.031 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	123363		
51	41.4		21.1	61.1
105	43.0		24.5	64.5

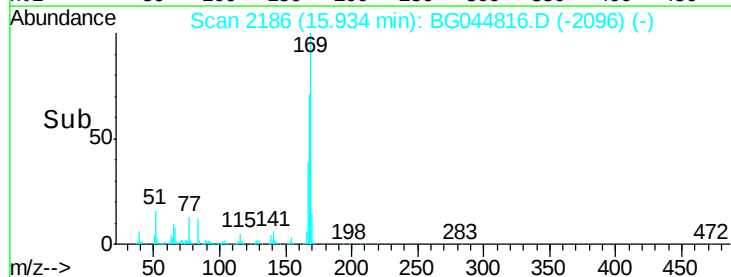
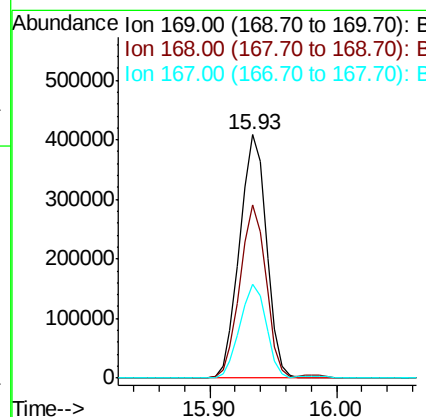
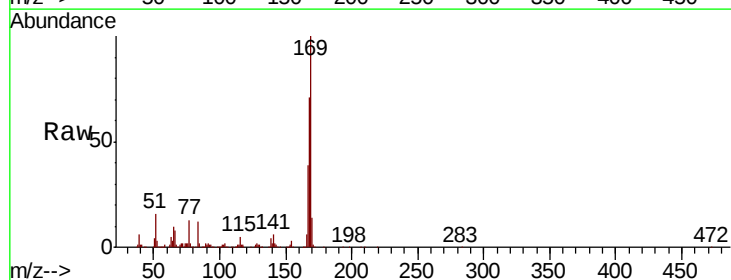
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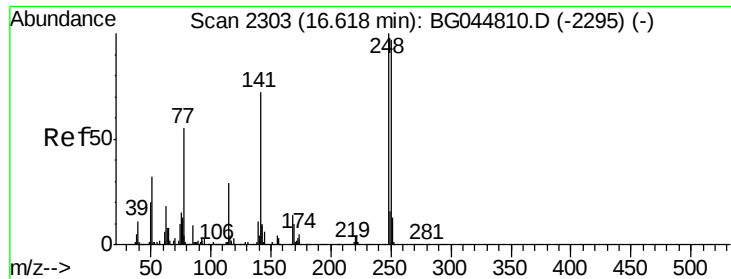
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 32.849 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	599176		
168	71.0		55.4	83.2
167	38.7		30.1	45.1





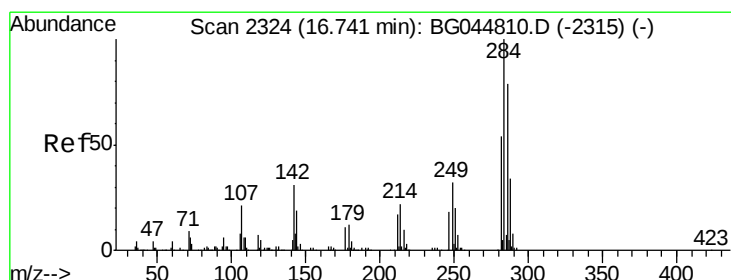
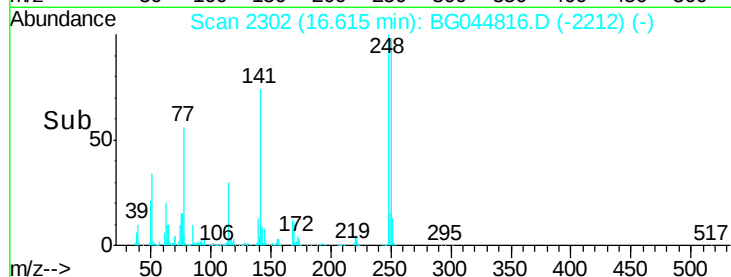
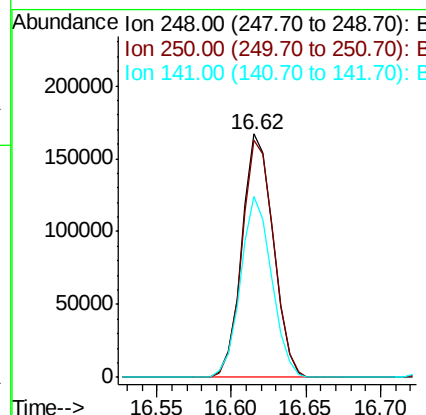
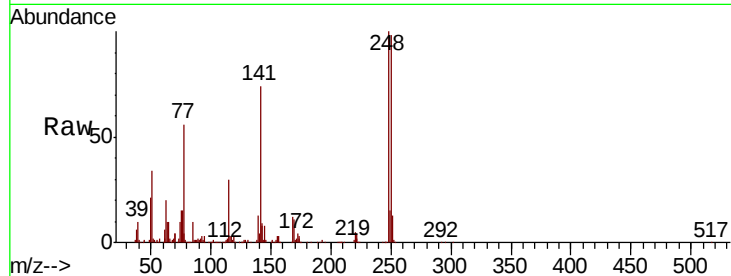
#67
4-Bromophenyl-phenylether
Concen: 32.076 ng
RT: 16.62 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.9	116.9
141	74.3	57.5	86.3

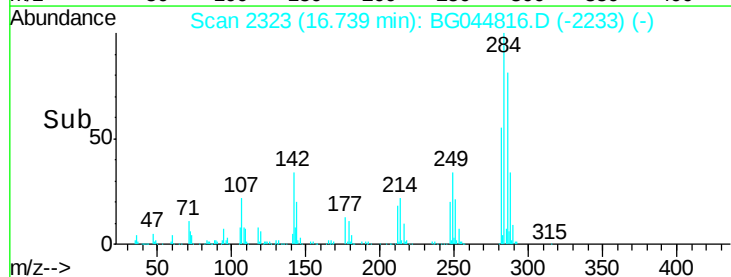
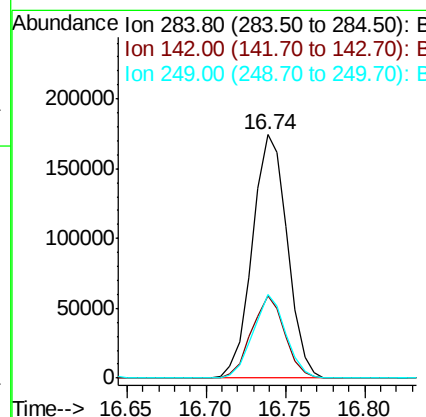
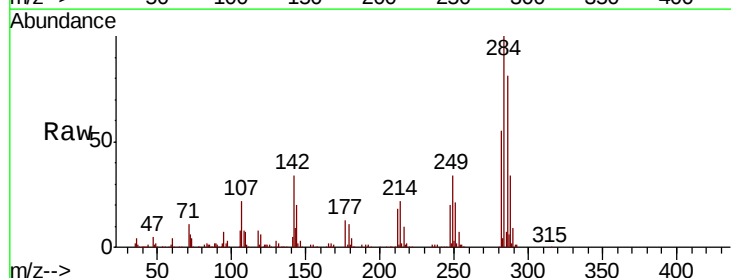
Manual Integrations
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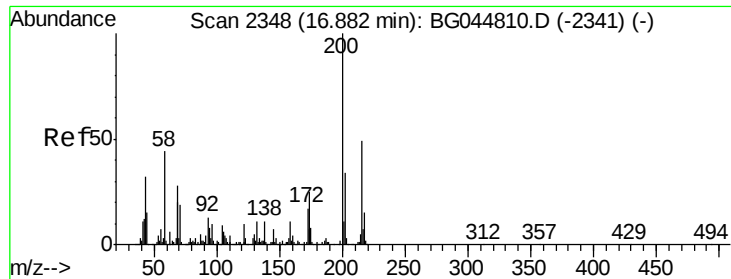
mohammad
3/18/2020 8:44:12 AM



#68
Hexachlorobenzene
Concen: 32.514 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	25.0	37.6
249	34.2	25.8	38.8





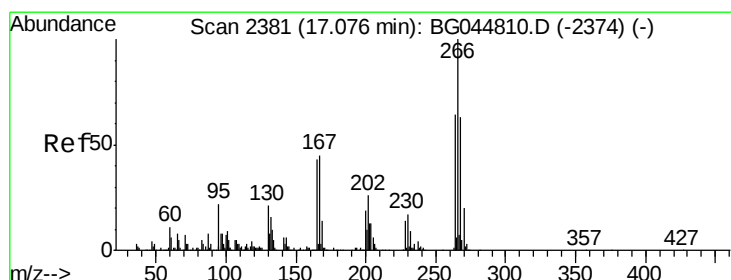
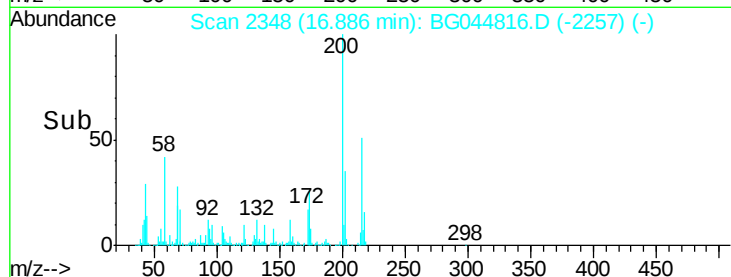
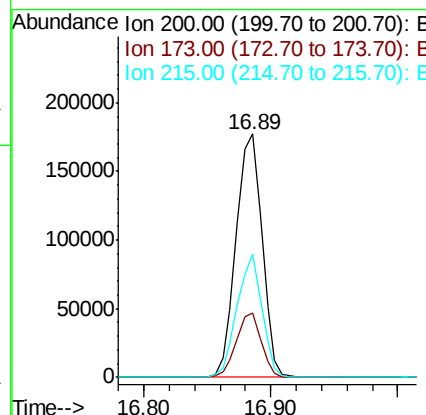
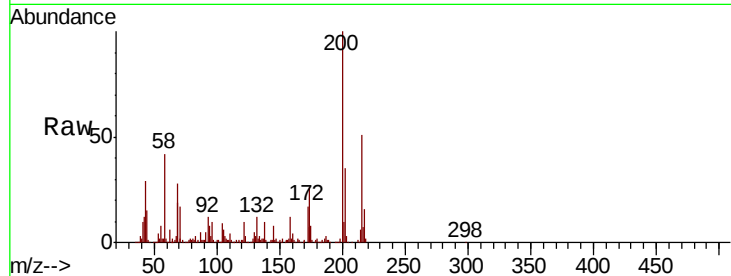
#69
Atrazine
Concen: 37.536 ng
RT: 16.89 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.3	45.3
215	50.5	28.9	68.9

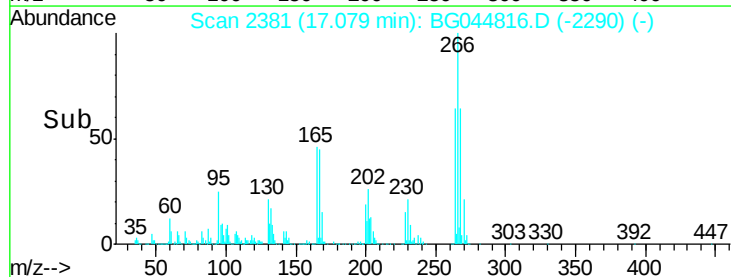
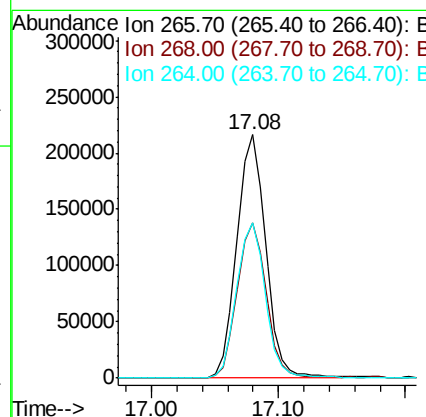
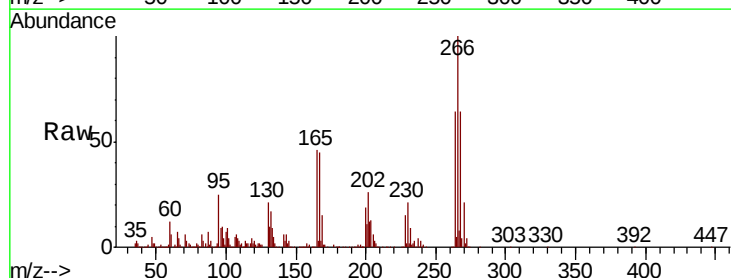
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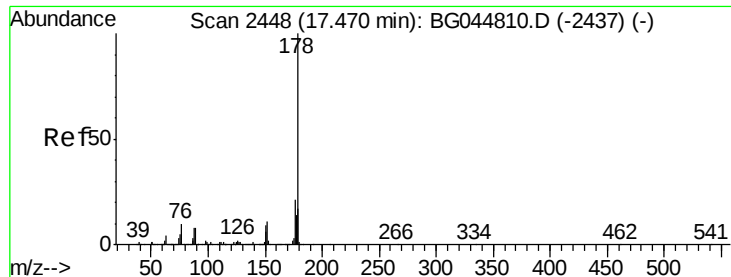
mohammad
3/18/2020 8:44:12 AM



#70
Pentachlorophenol
Concen: 75.621 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.3	75.5
264	63.8	51.4	77.2





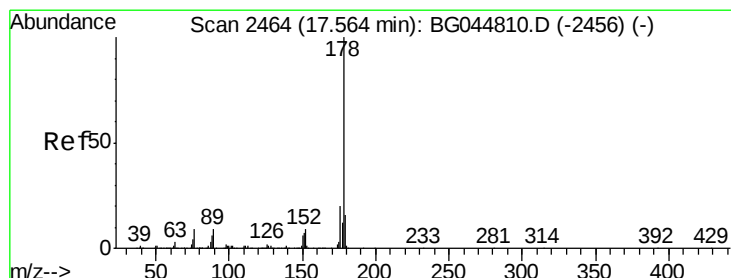
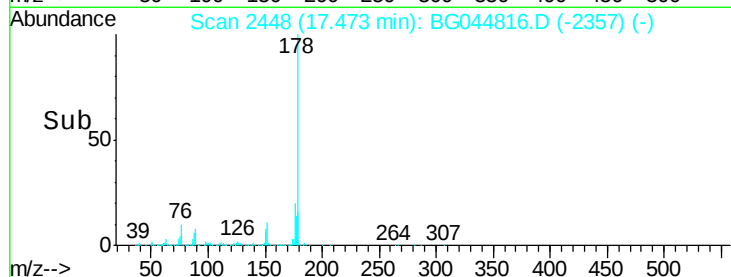
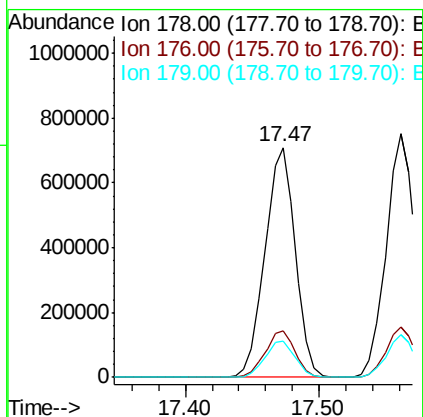
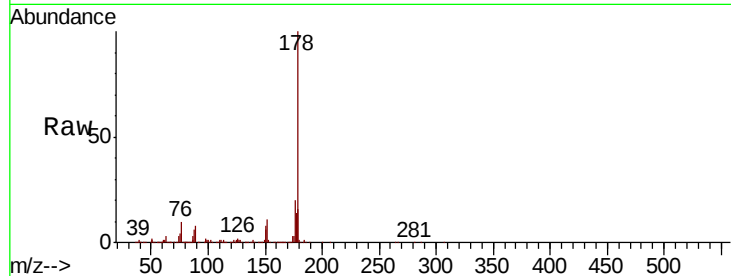
#71
Phenanthrene
Concen: 34.488 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	24.8
179	15.9	13.5	20.3

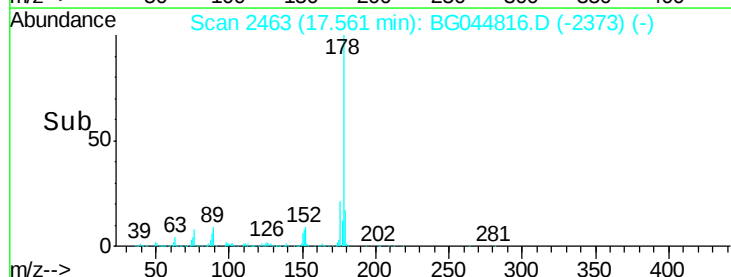
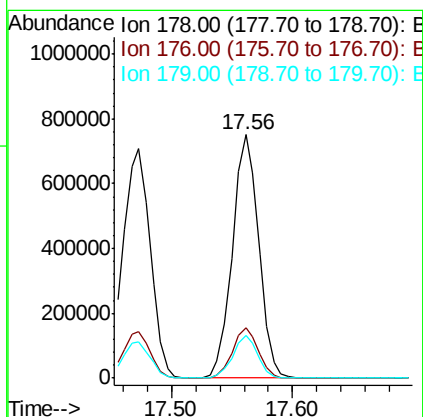
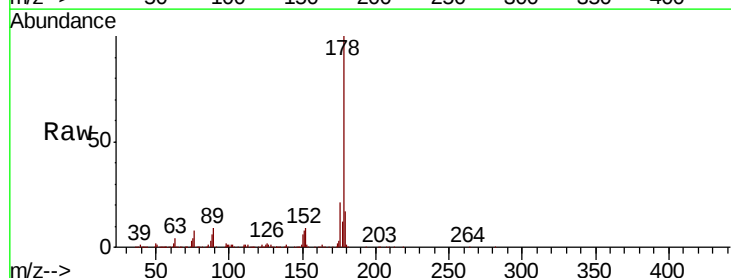
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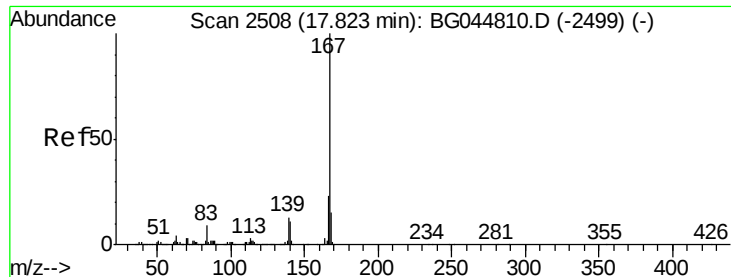
mohammad
3/18/2020 8:44:12 AM



#72
Anthracene
Concen: 35.687 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	17.3	13.2	19.8





#73

Carbazole

Concen: 34.758 ng

RT: 17.83 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Z1-3MS

Tot Ion:167 Resp: 1065882

Ion Ratio Lower Upper

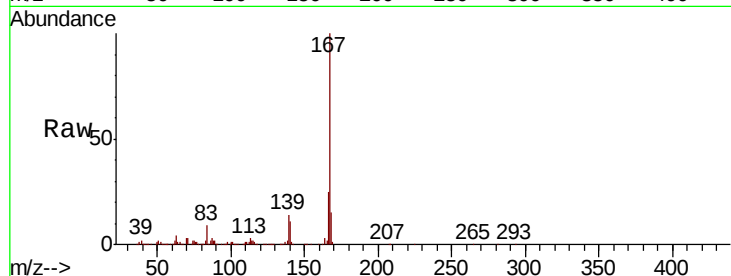
167 100

166 24.6 18.8 28.2

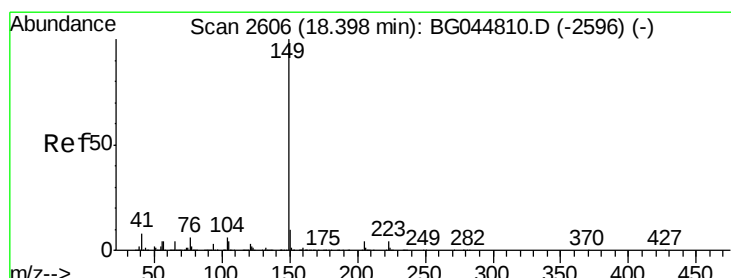
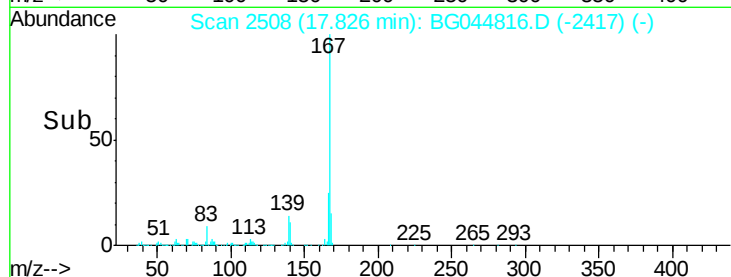
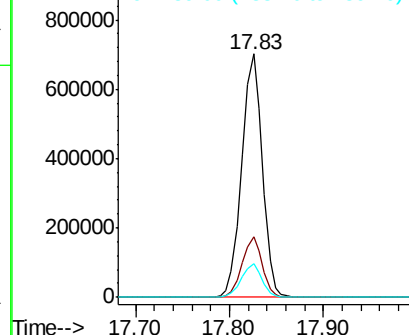
139 13.6 10.8 16.2

Manual Integrations
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3/18/2020 8:44:12 AM



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



#74

Di-n-butylphthalate

Concen: 34.696 ng

RT: 18.40 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

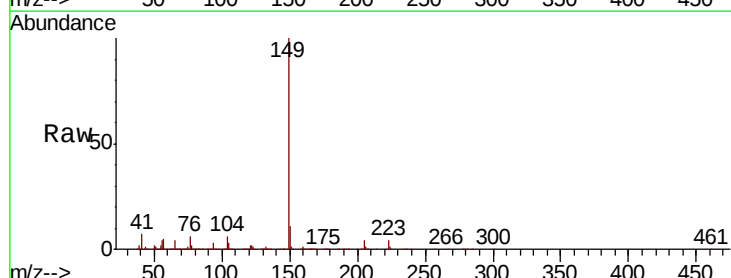
Tgt Ion:149 Resp: 1293377

Ion Ratio Lower Upper

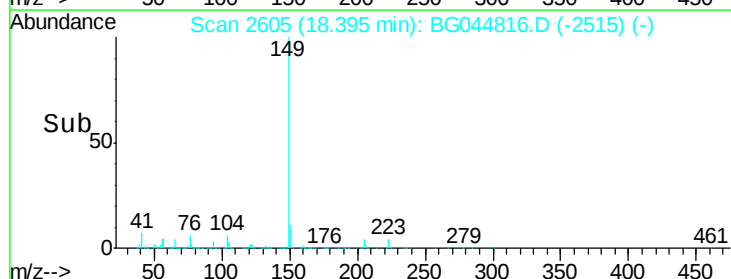
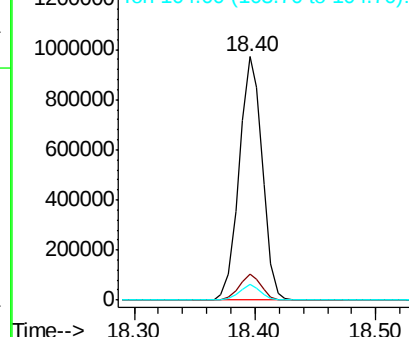
149 100

150 10.8 8.1 12.1

104 6.3 5.0 7.4



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





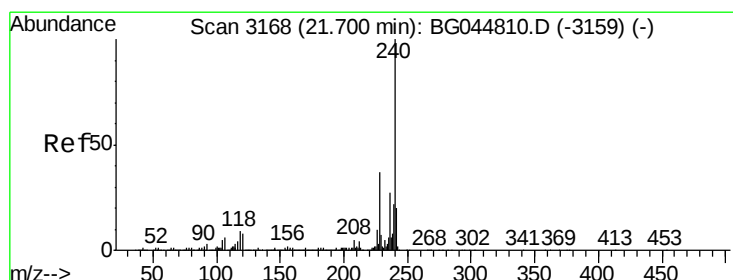
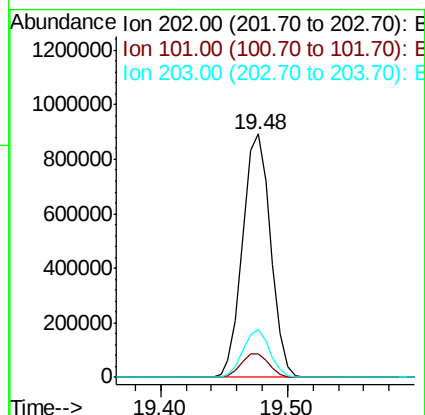
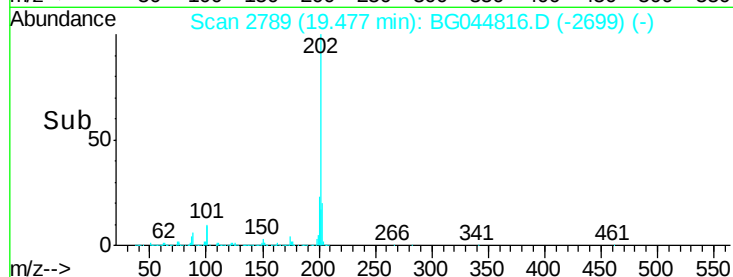
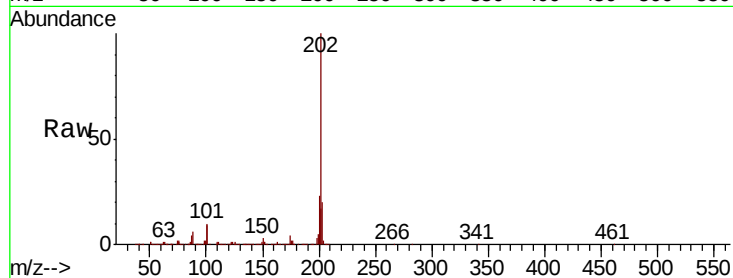
#75
 Fluoranthene
 Concen: 35.413 ng
 RT: 19.48 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion:	202	Resp:	1365131
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.8
203	19.6	0.0	39.4

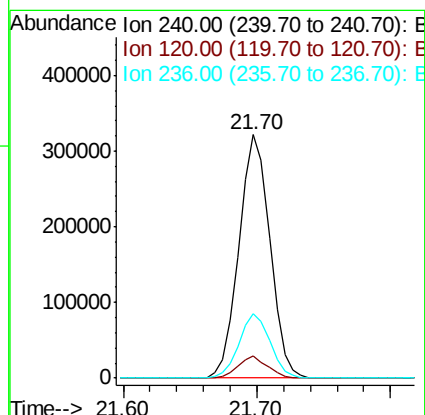
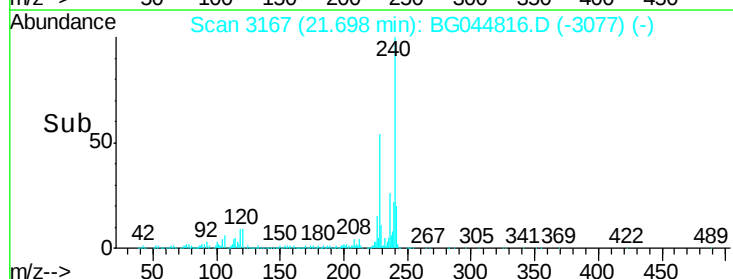
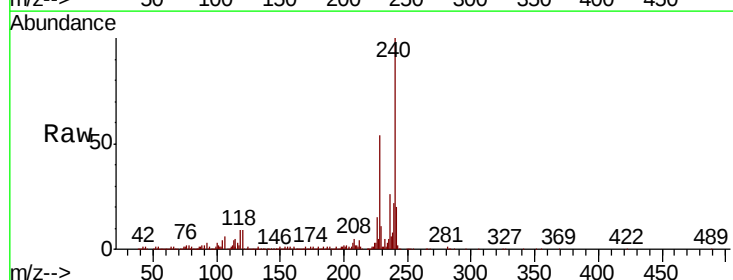
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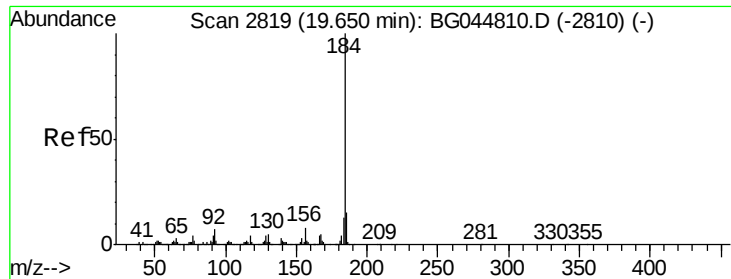
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:	240	Resp:	517018
Ion Ratio	Lower	Upper	
240	100		
120	9.2	6.7	10.1
236	26.5	21.5	32.3





#77

Benzidine

Concen: 19.663 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

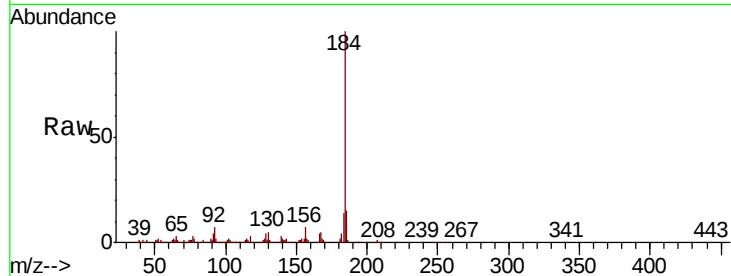
ClientSampled :

Z1-3MS

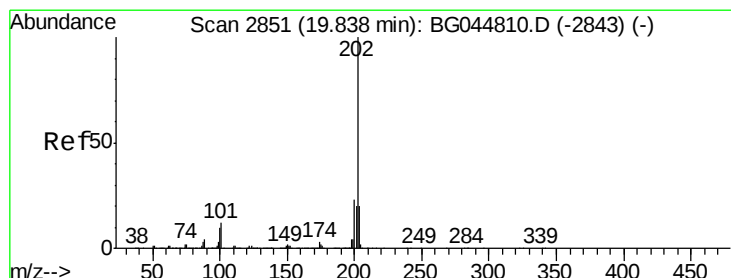
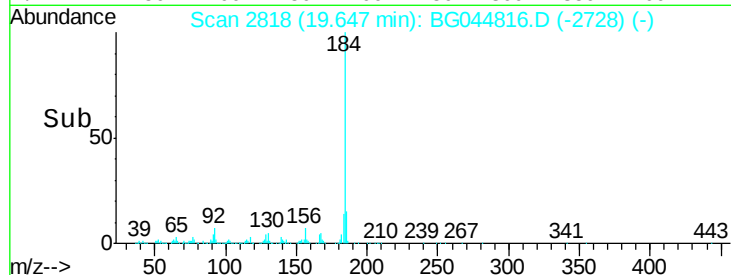
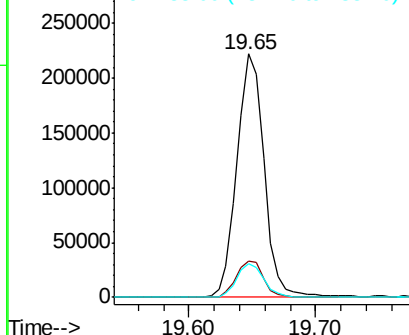
Tot Ion:	184	Resp:	330035
Ion Ratio		Lower	Upper
184	100		
185	15.1	12.2	18.4
183	13.6	10.7	16.1

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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: 35.958 ng

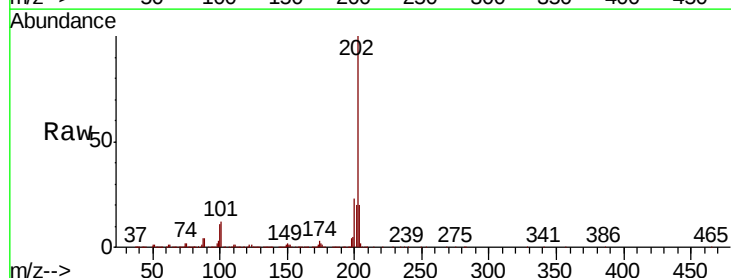
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

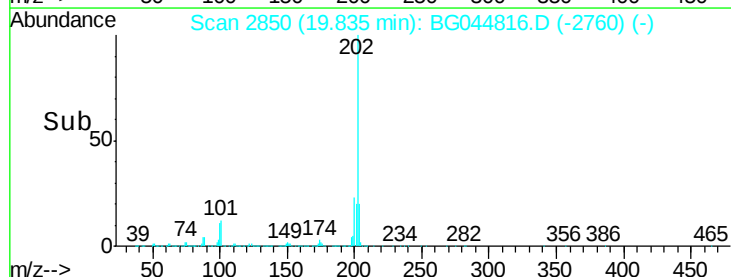
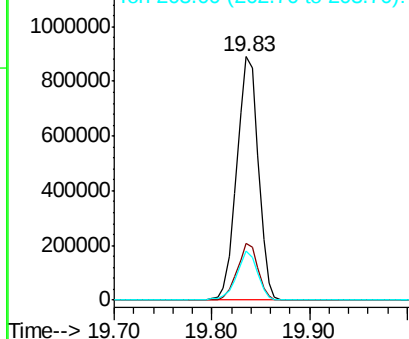
Lab File: BG044816.D

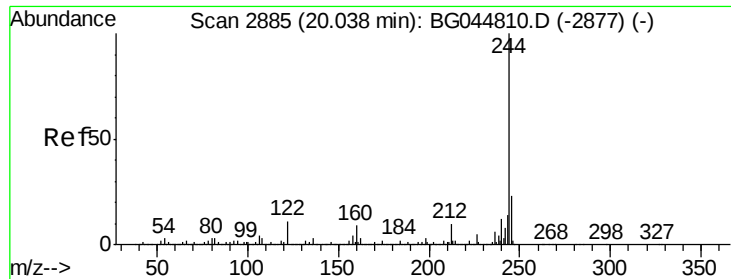
Acq: 16 Mar 2020 16:59

Tgt Ion:	202	Resp:	1363959
Ion Ratio		Lower	Upper
202	100		
200	23.4	18.3	27.5
203	20.0	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





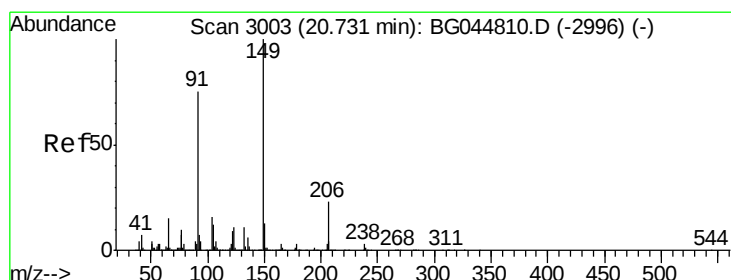
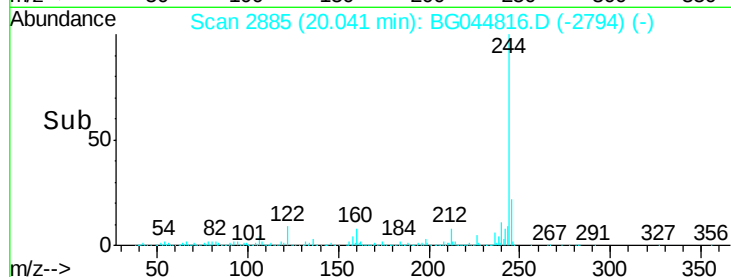
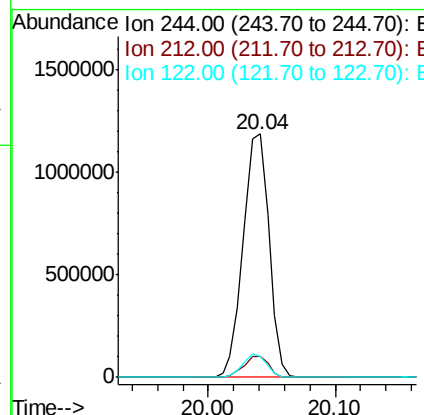
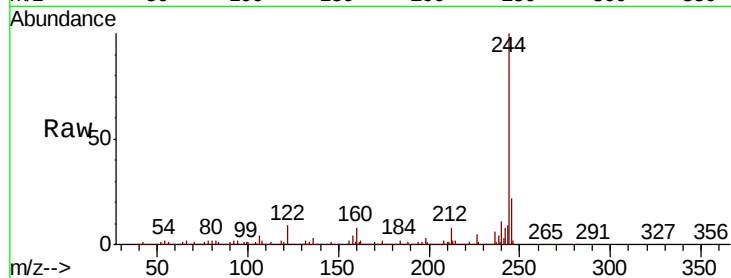
#79
 Terphenyl-d14
 Concen: 60.764 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. 0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.7	11.5
122	8.7	8.6	12.8

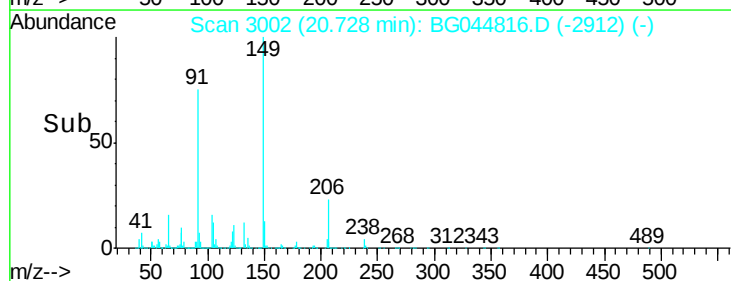
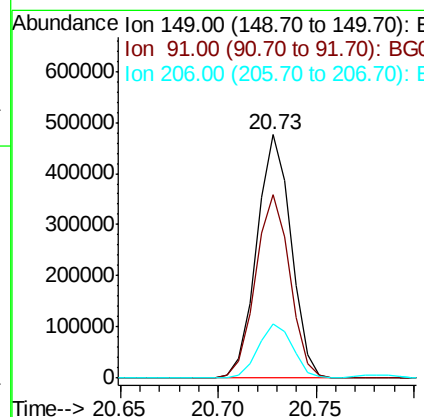
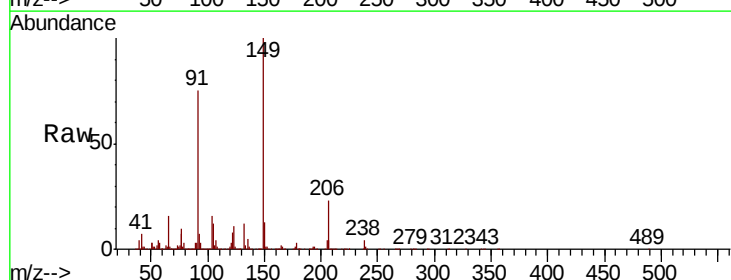
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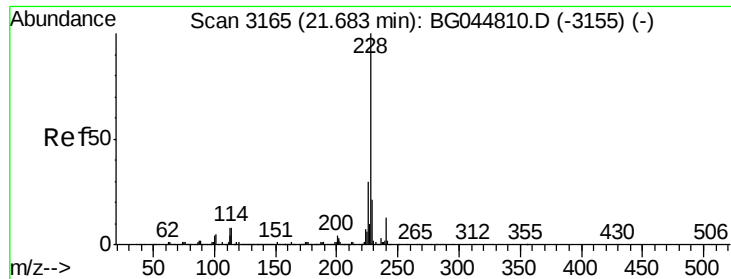
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#80
 Butylbenzylphthalate
 Concen: 34.338 ng
 RT: 20.73 min Scan# 3002
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	60.2	90.4
206	22.5	18.6	27.8





#81

Benzo(a)anthracene

Concen: 35.073 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

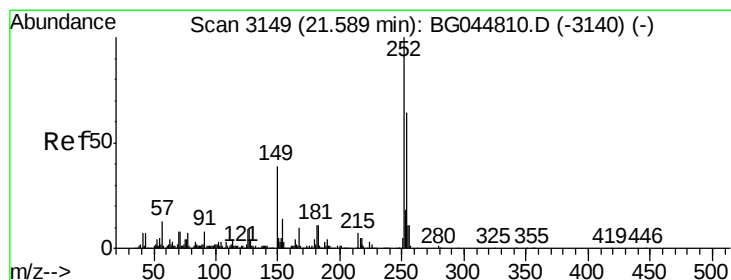
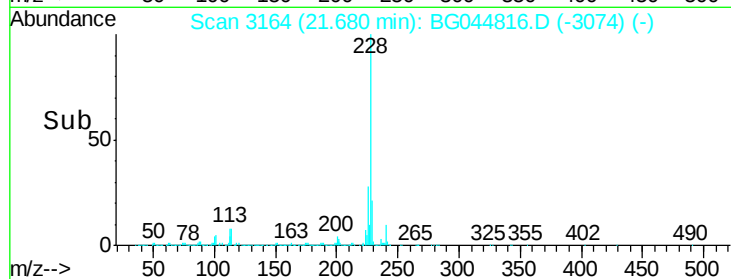
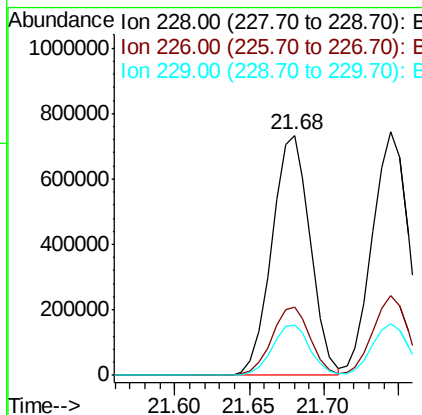
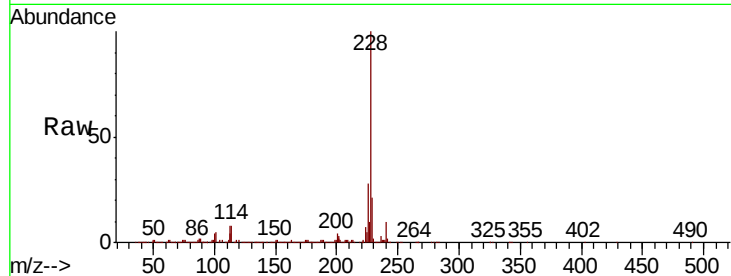
ClientSampled :

Z1-3MS

Tot Ion:	228	Resp:	1305741
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	20.8	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 17.054 ng

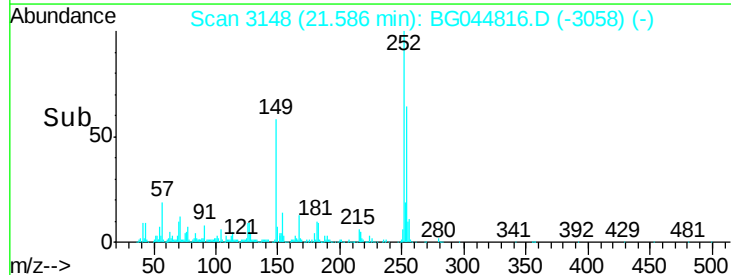
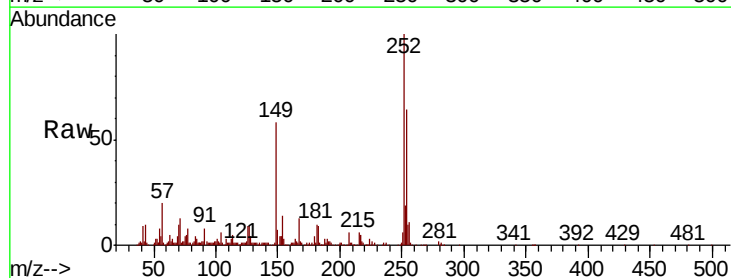
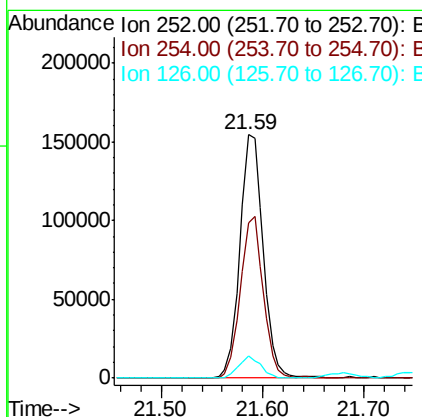
RT: 21.59 min Scan# 3148

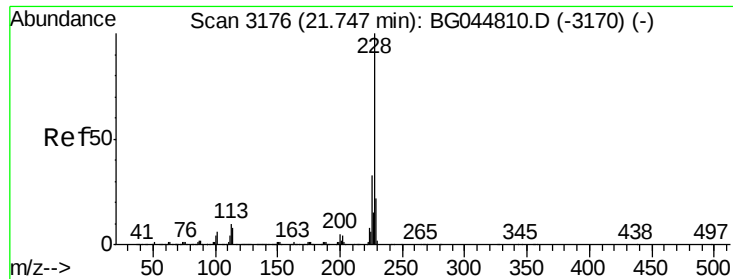
Delta R.T. -0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	252	Resp:	245629
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.6	77.4
126	9.3	7.0	10.6





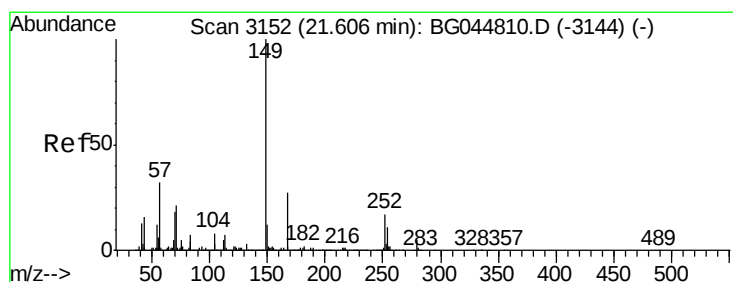
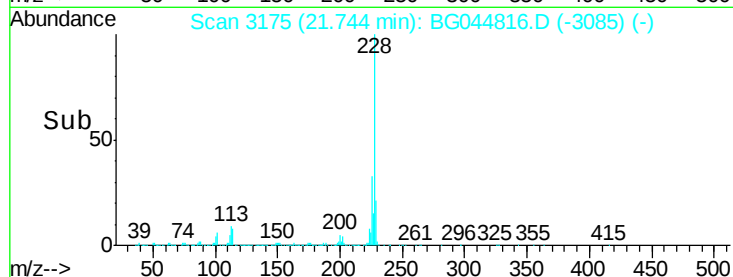
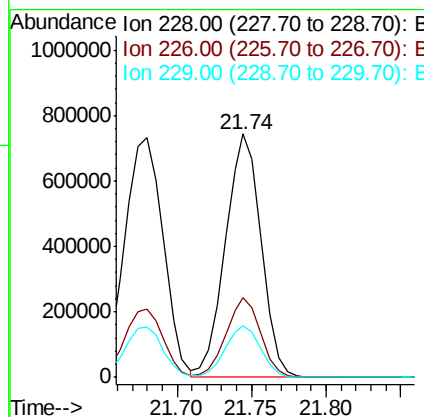
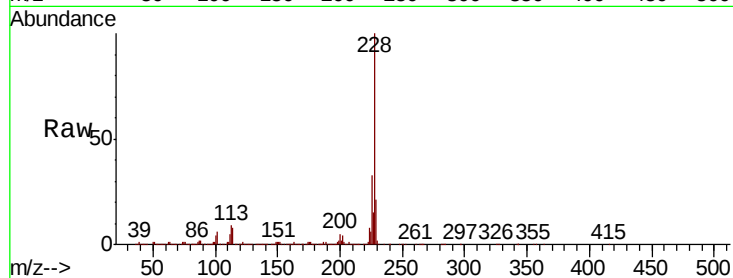
#83
 Chrysene
 Concen: 34.916 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Instrument :
 BNA_G
 ClientSampleId :
 Z1-3MS

Tot Ion:	228	Resp:	1241703
Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.9	38.9
229	21.3	17.4	26.0

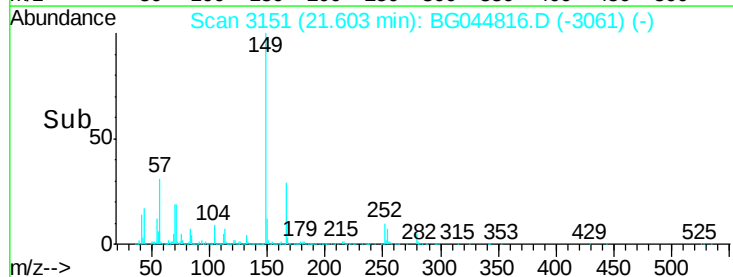
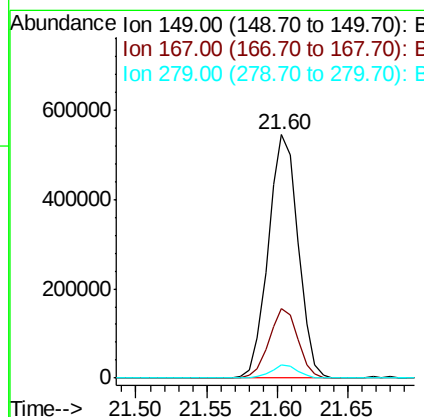
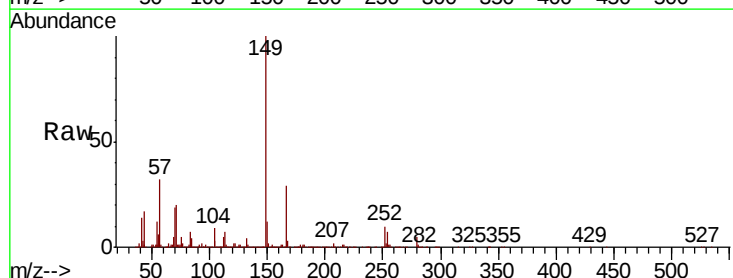
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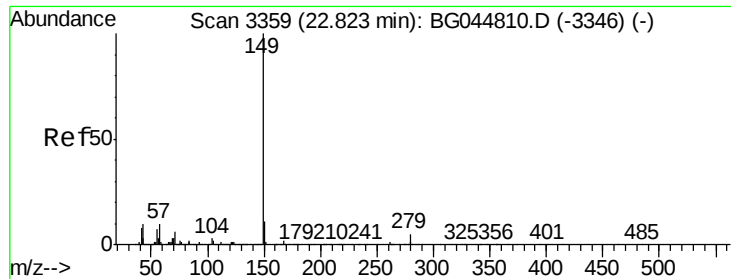
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.685 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG044816.D
 Acq: 16 Mar 2020 16:59

Tgt Ion:	149	Resp:	807805
Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.8	32.6
279	5.3	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 35.739 ng

RT: 22.83 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

ClientSampleId :

Z1-3MS

Tot Ion:149 Resp: 1392858

Ion Ratio Lower Upper

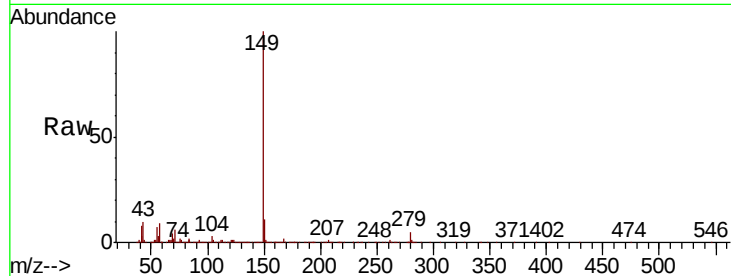
149 100

167 1.7 1.4 2.0

43 10.0 8.2 12.4

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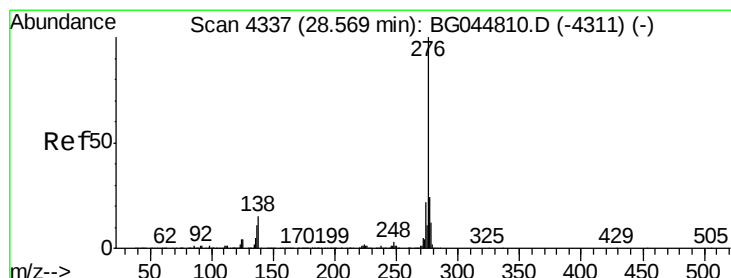
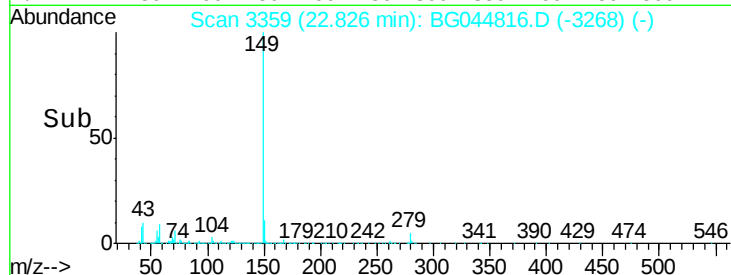
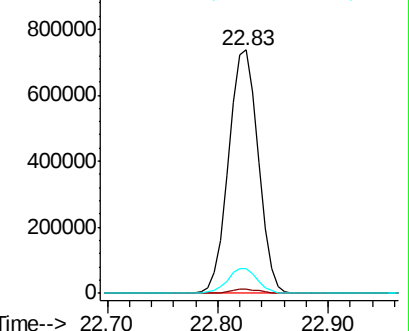
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.267 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

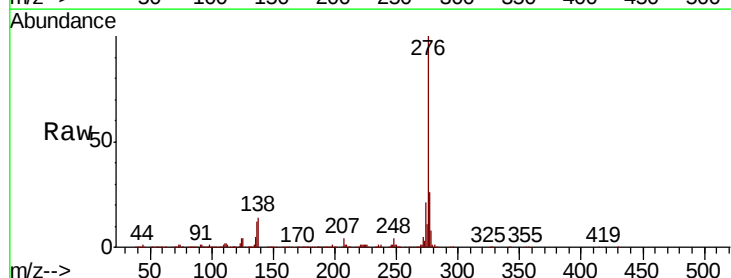
Tgt Ion:276 Resp: 1644232

Ion Ratio Lower Upper

276 100

138 7.5 7.4 11.0

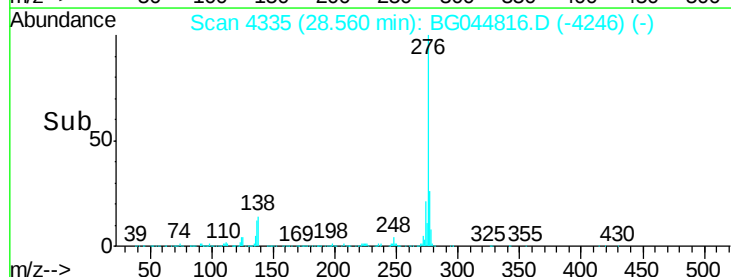
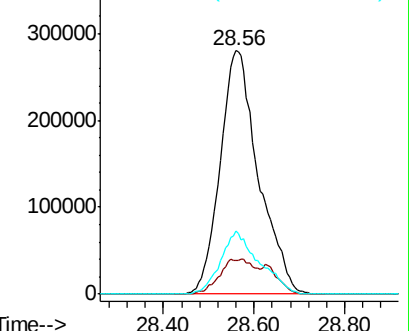
277 26.0 20.8 31.2

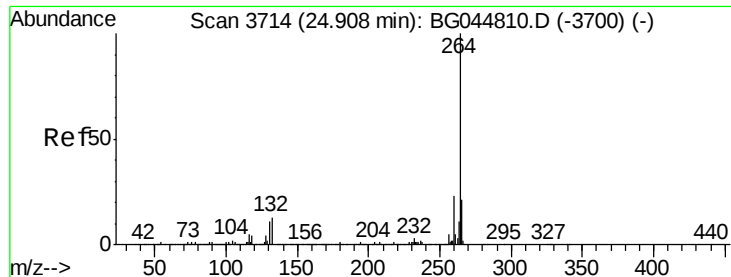


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Instrument :

BNA_G

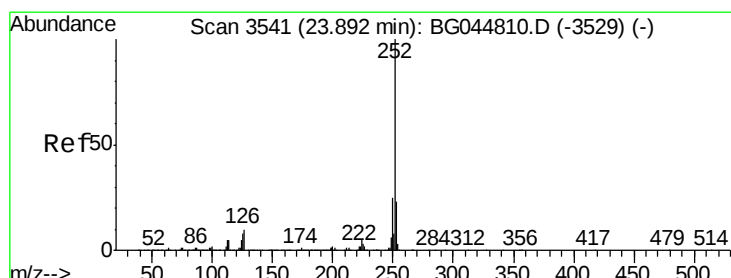
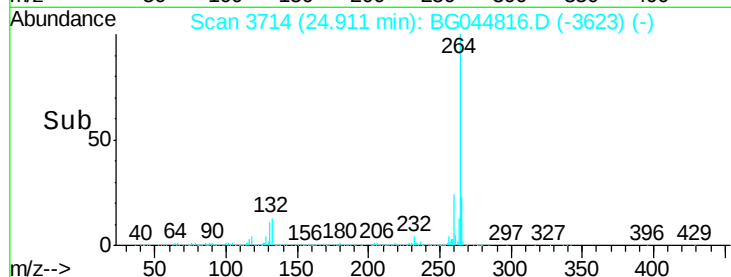
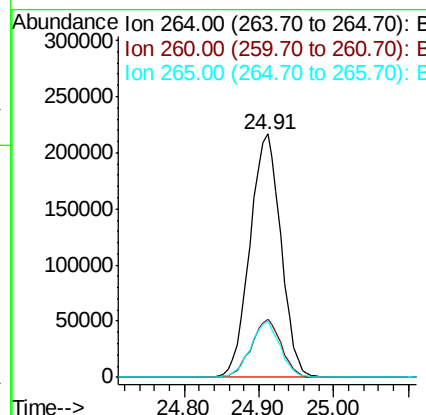
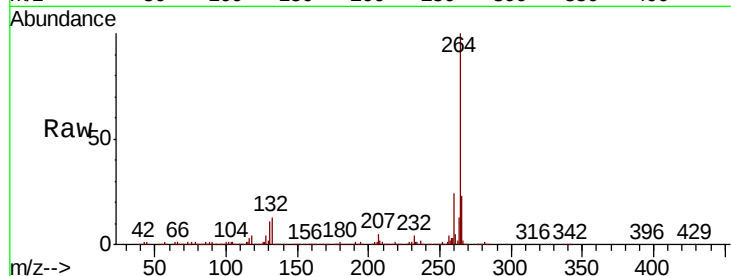
ClientSampleId :

Z1-3MS

Tot Ion:	264	Resp:	622496
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.1	27.1
265	23.3	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 34.060 ng

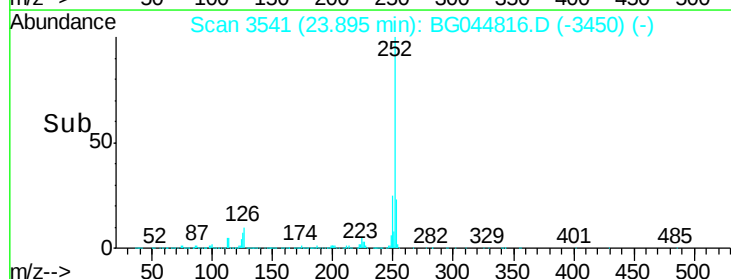
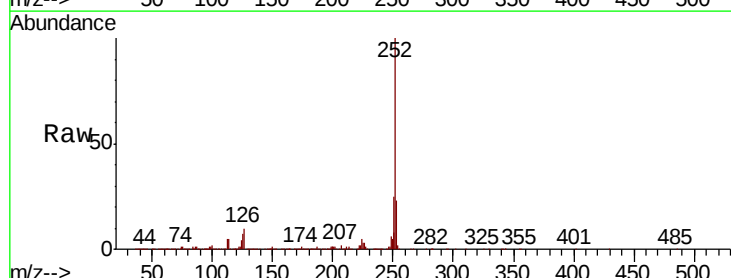
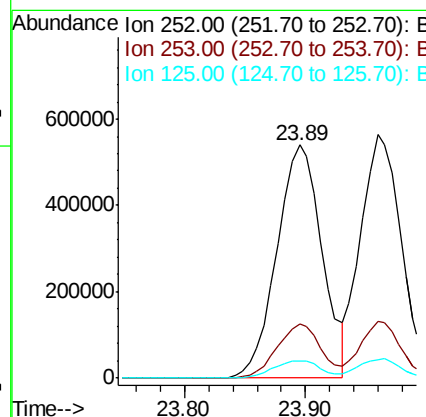
RT: 23.89 min Scan# 3541

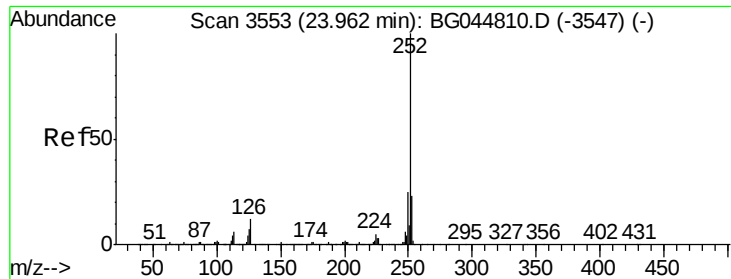
Delta R.T. 0.00 min

Lab File: BG044816.D

Acq: 16 Mar 2020 16:59

Tgt Ion:	252	Resp:	1399725
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	7.4	6.6	9.8





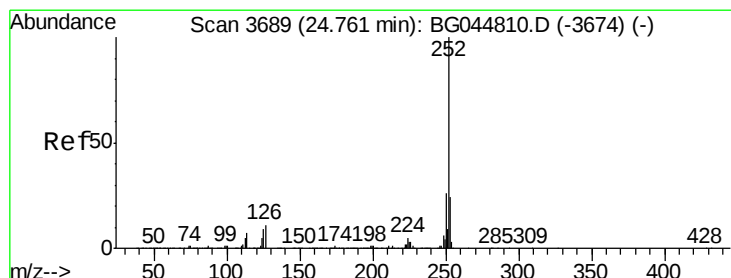
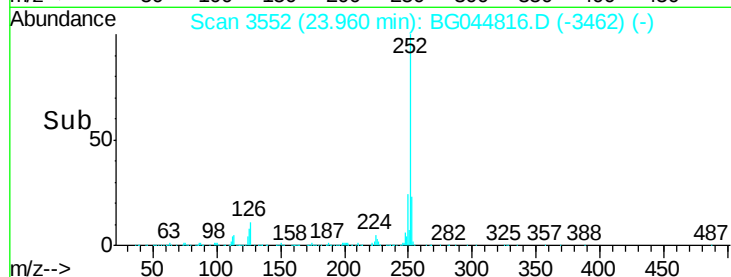
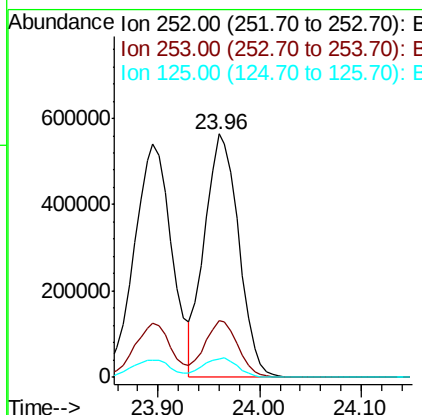
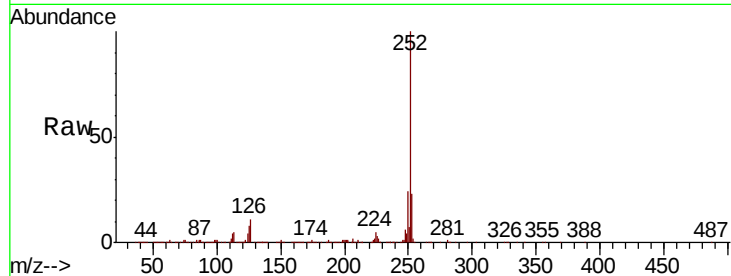
#89
Benzo(k)fluoranthene
Concen: 33.743 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	7.7	6.2	9.2

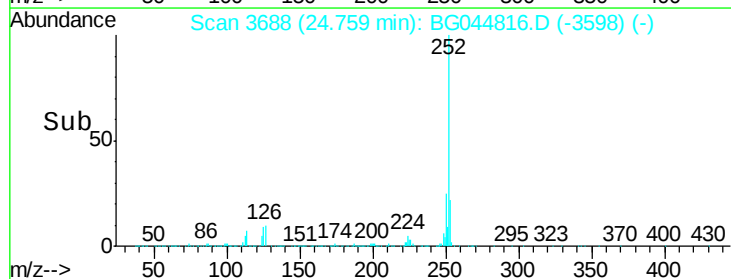
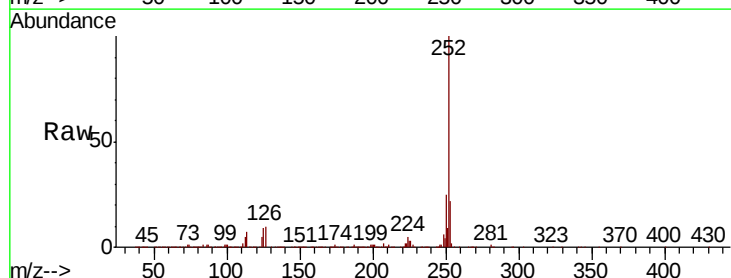
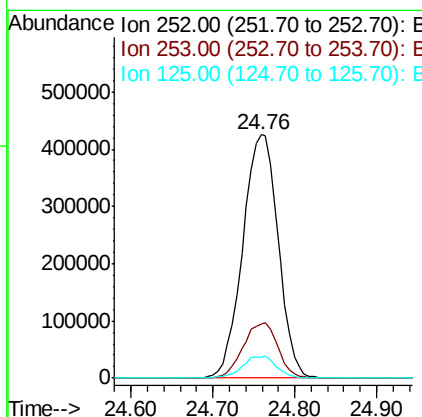
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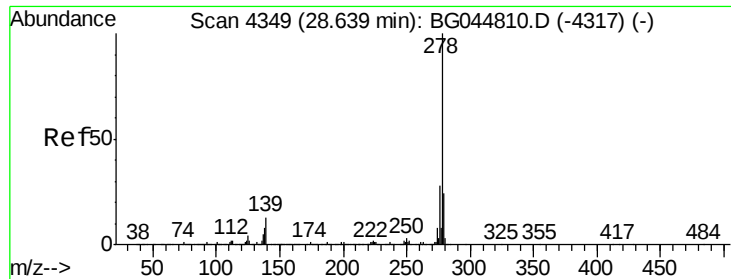
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#90
Benzo(a)pyrene
Concen: 33.283 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.0
125	8.7	7.2	10.8





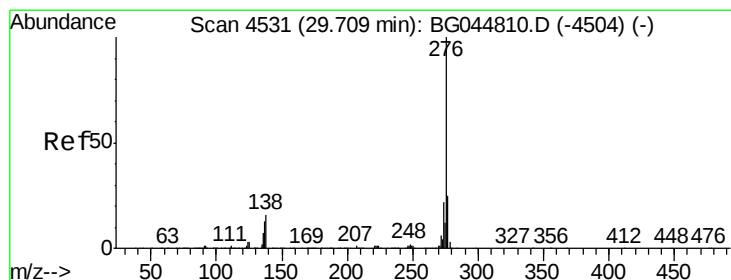
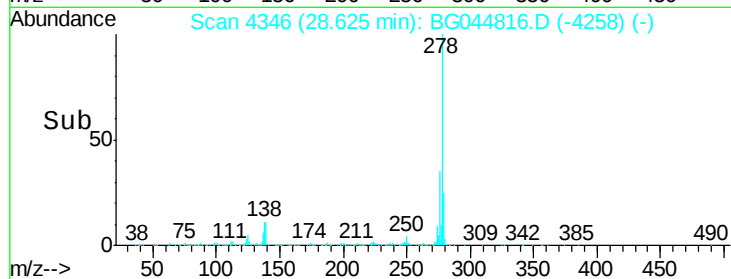
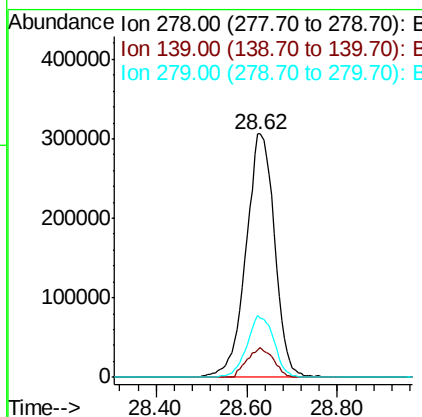
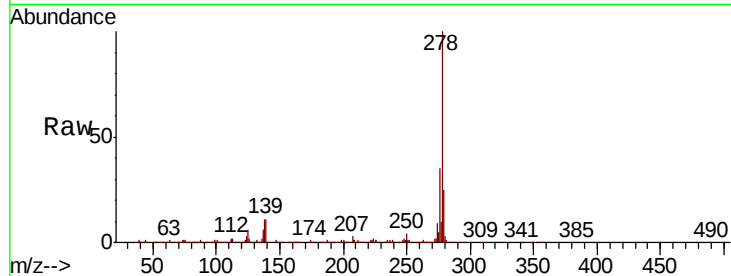
#91
Dibenzo(a,h)anthracene
Concen: 35.260 ng
RT: 28.62 min Scan# 4346
Delta R.T. -0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Instrument :
BNA_G
ClientSampleId :
Z1-3MS

Tot Ion:278 Resp: 1337639
Ion Ratio Lower Upper
278 100
139 11.3 10.2 15.2
279 25.2 18.9 28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 35.671 ng
RT: 29.70 min Scan# 4529
Delta R.T. -0.01 min
Lab File: BG044816.D
Acq: 16 Mar 2020 16:59

Tgt Ion:276 Resp: 1367215
Ion Ratio Lower Upper
276 100
277 26.1 20.1 30.1
138 15.4 13.0 19.6

