

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044732.D
 Acq On : 12 Mar 2020 12:53
 Operator : CG/JU
 Sample : L1873-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

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Quant Time: Mar 13 06:56:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	95363	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	402051	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	282354	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	635309	20.00	ng	0.00
76) Chrysene-d12	21.71	240	550679	20.00	ng	0.00
87) Perylene-d12	24.92	264	654520	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	714264	116.60	ng	0.00
7) Phenol-d6	7.21	99	1011004	113.59	ng	0.00
23) Nitrobenzene-d5	9.21	82	645598	70.46	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	380869	103.02	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1317597	66.83	ng	0.00
79) Terphenyl-d14	20.04	244	1993842	67.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	108575	36.805	ng	97
3) Pyridine	3.92	79	264834	30.325	ng	98
4) n-Nitrosodimethylamine	3.83	42	145986	44.058	ng	99
6) Aniline	7.38	93	223459	20.176	ng	96
8) 2-Chlorophenol	7.62	128	294225	48.113	ng	99
9) Benzaldehyde	7.18	77	243811	47.349	ng	98
10) Phenol	7.24	94	410102	46.540	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	293211	41.693	ng	98
12) 1,3-Dichlorobenzene	7.95	146	299640	39.776	ng	98
13) 1,4-Dichlorobenzene	8.09	146	300040	40.287	ng	94
14) 1,2-Dichlorobenzene	8.41	146	284831	40.326	ng	97
15) Benzyl Alcohol	8.29	79	315558	44.187	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	480486	38.716	ng	100
17) 2-Methylphenol	8.49	107	268559	44.992	ng	90
18) Hexachloroethane	9.15	117	118283	40.341	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	258033	41.057	ng	98
20) 3+4-Methylphenols	8.82	107	375730	45.663	ng	95
22) Acetophenone	8.88	105	446627	39.212	ng	# 97
24) Nitrobenzene	9.25	77	381302	40.108	ng	97
25) Isophorone	9.78	82	709612	39.683	ng	96
26) 2-Nitrophenol	9.97	139	145705	44.589	ng	# 93
27) 2,4-Dimethylphenol	10.03	122	287677	49.401	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	410100	38.429	ng	97
29) 2,4-Dichlorophenol	10.50	162	297424	43.728	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	313293	38.522	ng	99
31) Naphthalene	10.91	128	890340	39.976	ng	100
32) Benzoic acid	10.17	122	179311	41.233	ng	89
33) 4-Chloroaniline	11.01	127	84943	8.465	ng	98
34) Hexachlorobutadiene	11.21	225	201796	37.731	ng	99
35) Caprolactam	11.78	113	104425m	40.550	ng	
36) 4-Chloro-3-methylphenol	12.13	107	345968	42.648	ng	99
37) 2-Methylnaphthalene	12.52	142	662962	39.794	ng	99
38) 1-Methylnaphthalene	12.74	142	640099	40.868	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	344180	37.014	ng	99

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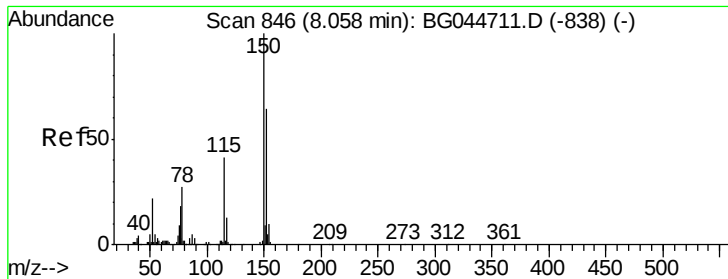
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Quant Time: Mar 13 06:56:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	461298	90.774	nq	93
43) 2,4,6-Trichlorophenol	13.12	196	252278	40.880	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	269041	42.039	nq	98
46) 1,1'-Biphenyl	13.52	154	848974	37.626	nq	99
47) 2-Chloronaphthalene	13.56	162	638218	37.027	nq	97
48) 2-Nitroaniline	13.75	65	237434	39.346	nq	97
49) Acenaphthylene	14.41	152	1068496	39.569	nq	99
50) Dimethylphthalate	14.15	163	946505	42.089	nq	98
51) 2,6-Dinitrotoluene	14.25	165	189054	41.707	nq	99
52) Acenaphthene	14.75	154	753350	42.598	nq	98
53) 3-Nitroaniline	14.57	138	72774	13.964	nq	93
54) 2,4-Dinitrophenol	14.78	184	181785	77.084	nq	# 69
55) Dibenzofuran	15.09	168	1016025	39.618	nq	98
56) 4-Nitrophenol	14.88	139	329354	82.808	nq	94
57) 2,4-Dinitrotoluene	15.04	165	261487	42.061	nq	96
58) Fluorene	15.74	166	823310	39.026	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	250348m	42.488	nq	
60) Diethylphthalate	15.51	149	895407	38.175	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	444136	39.098	nq	97
62) 4-Nitroaniline	15.74	138	195310	35.146	nq	98
63) Azobenzene	16.03	77	977729	40.142	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	134685	45.525	nq	93
66) n-Nitrosodiphenylamine	15.94	169	756051	39.528	nq	97
67) 4-Bromophenyl-phenylether	16.63	248	302815	38.127	nq	98
68) Hexachlorobenzene	16.75	284	322869	37.471	nq	98
69) Atrazine	16.89	200	291683	41.623	nq	98
70) Pentachlorophenol	17.08	266	396065	83.542	nq	96
71) Phenanthrene	17.48	178	1331240	39.212	nq	100
72) Anthracene	17.57	178	1369520	40.910	nq	99
73) Carbazole	17.83	167	1284599	39.948	nq	99
74) Di-n-butylphthalate	18.41	149	1524345	38.996	nq	99
75) Fluoranthene	19.48	202	1614643	39.944	nq	100
77) Benzidine	19.66	184	561980	31.436	nq	99
78) Pyrene	19.84	202	1627303	40.278	nq	100
80) Butylbenzylphthalate	20.74	149	698511	38.863	nq	96
81) Benzo(a)anthracene	21.68	228	1560901	39.364	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	196645	12.819	nq	95
83) Chrysene	21.75	228	1487362	39.268	nq	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	992209	39.999	nq	99
85) Di-n-octyl phthalate	22.84	149	1697631	40.897	nq	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2000435	40.284	nq	99
88) Benzo(b)fluoranthene	23.90	252	1700148	39.346	nq	98
89) Benzo(k)fluoranthene	23.98	252	1618857	39.589	nq	98
90) Benzo(a)pyrene	24.77	252	1565766	38.726	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1627987	40.814	nq	98
92) Benzo(g,h,i)perylene	29.72	276	1677674	41.629	nq	99

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



#1

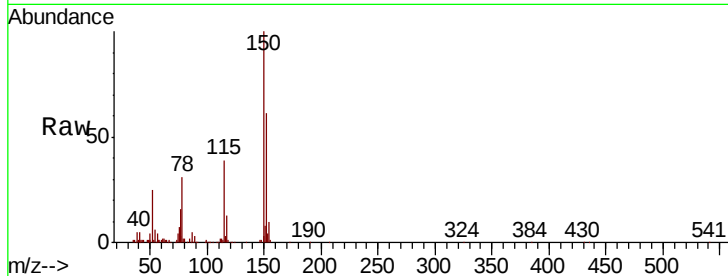
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.1	125.3	187.9
115	64.2	51.7	77.5

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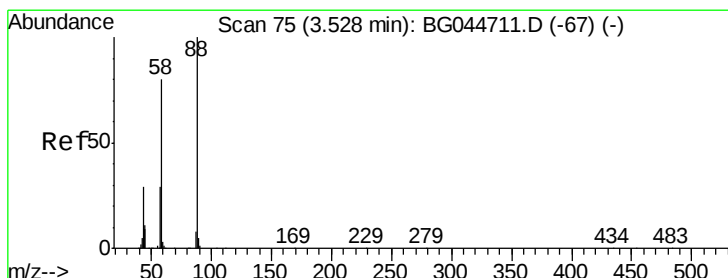
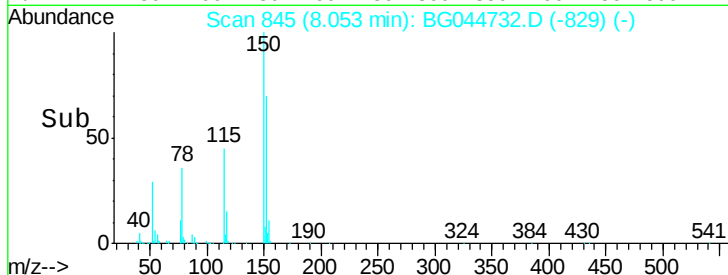
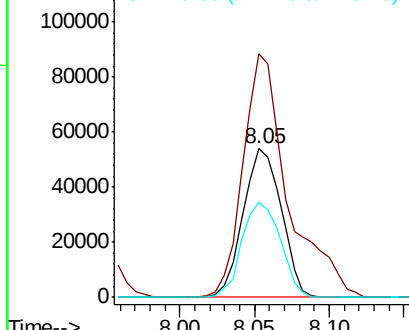


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

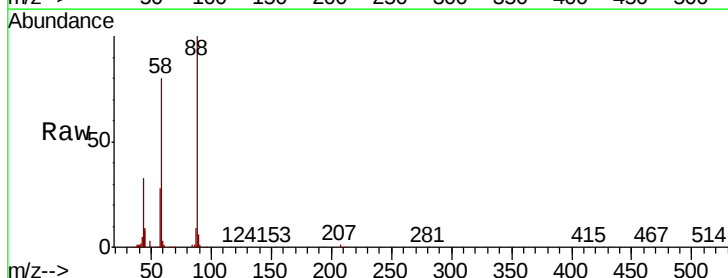
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.805 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.0	94.4
43	33.4	23.2	34.8

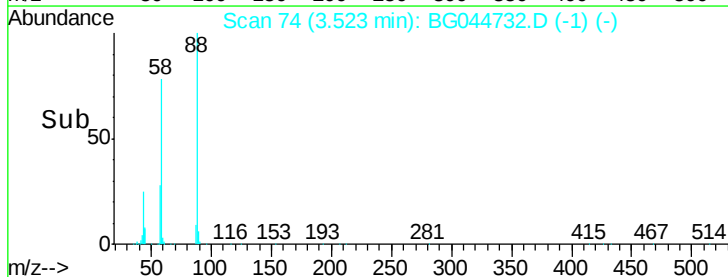
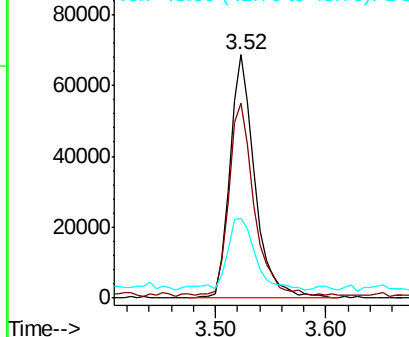


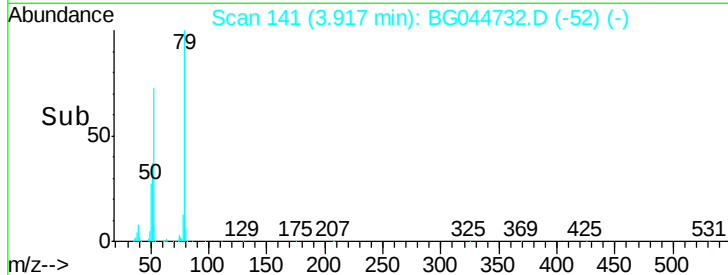
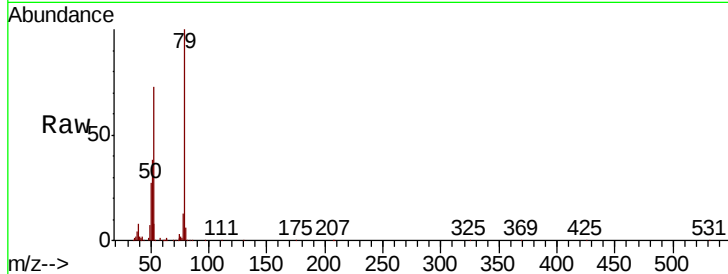
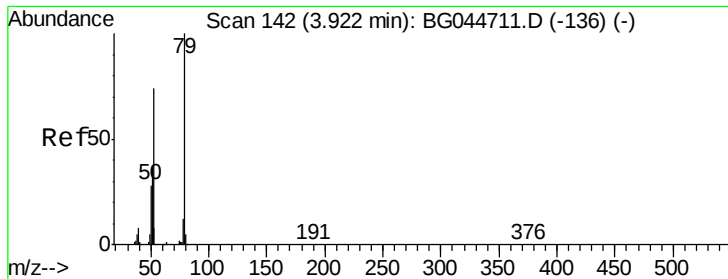
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.325 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tot Ion:	79	Resp:	264834
Ion Ratio	Lower	Upper	
79	100		
52	72.6	59.4	89.2
51	37.5	29.7	44.5

Instrument :

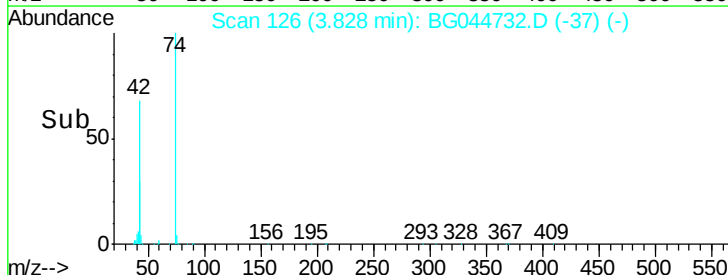
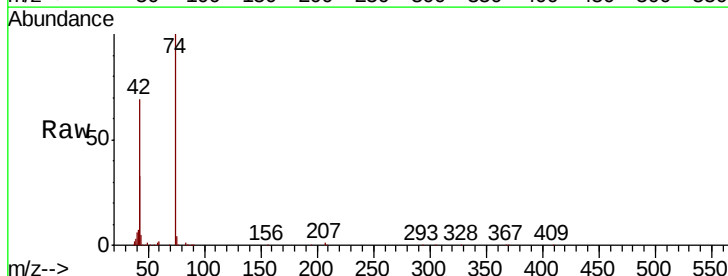
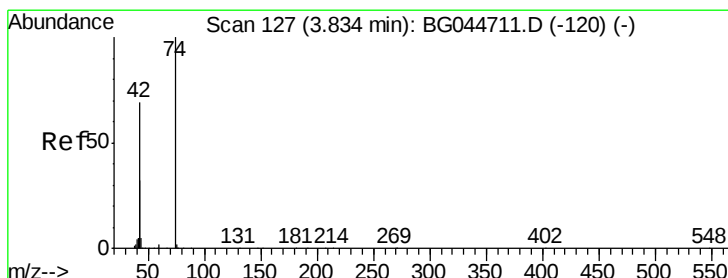
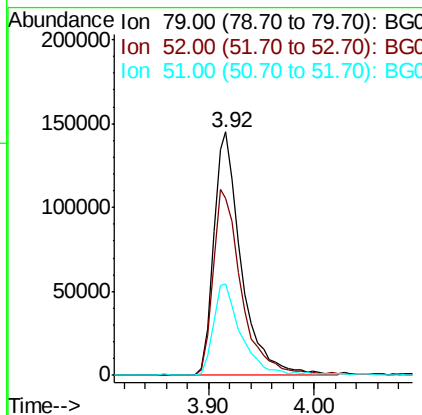
BNA_G

ClientSampleId :

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#4

n-Nitrosodimethylamine

Concen: 44.058 ng

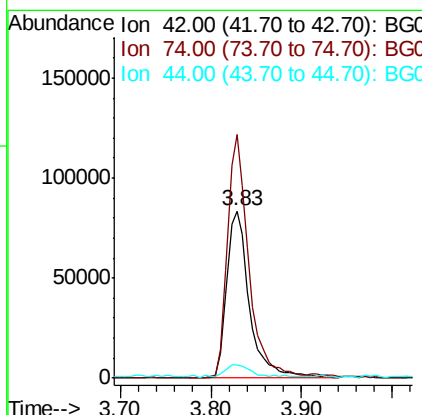
RT: 3.83 min Scan# 126

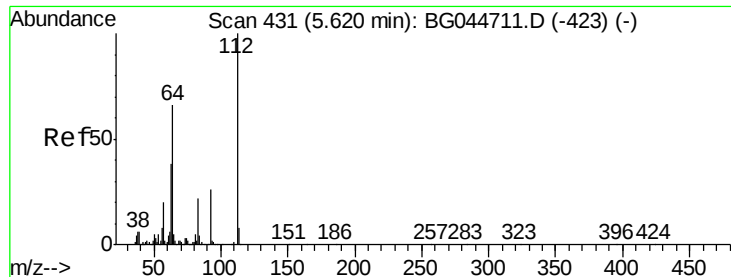
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	42	Resp:	145986
Ion Ratio	Lower	Upper	
42	100		
74	145.8	116.1	174.1
44	7.6	7.1	10.7





#5

2-Fluorophenol

Concen: 116.595 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

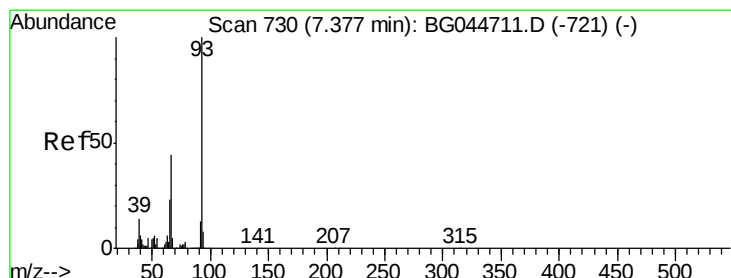
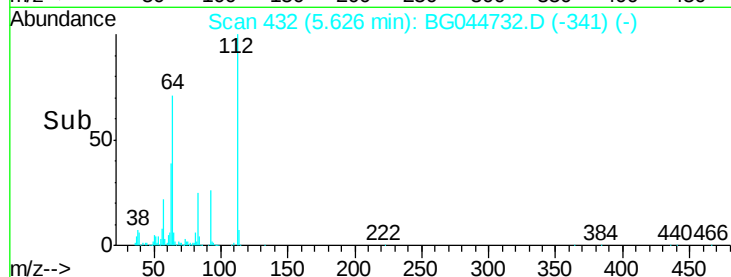
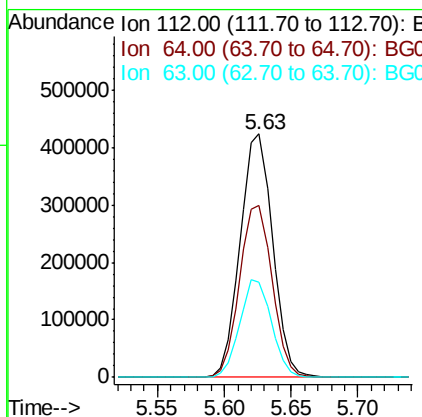
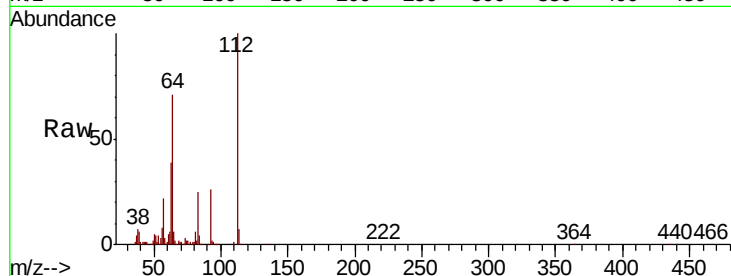
ClientSampleId :

TP-1MS

Tot Ion:	112	Resp:	714264
Ion Ratio	Lower	Upper	
112	100		
64	70.5	52.6	78.8
63	39.3	30.2	45.4

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#6

Aniline

Concen: 20.176 ng

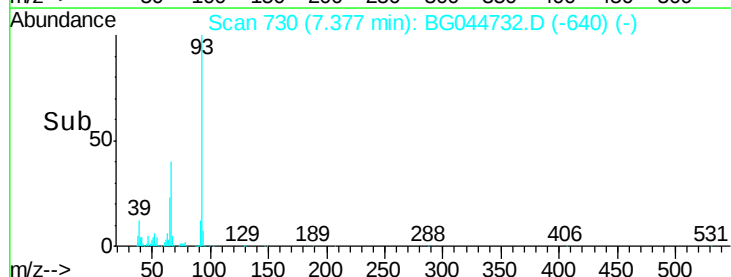
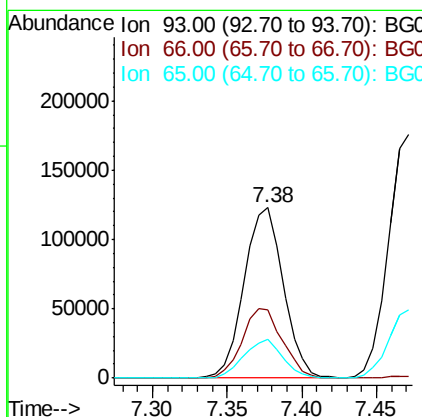
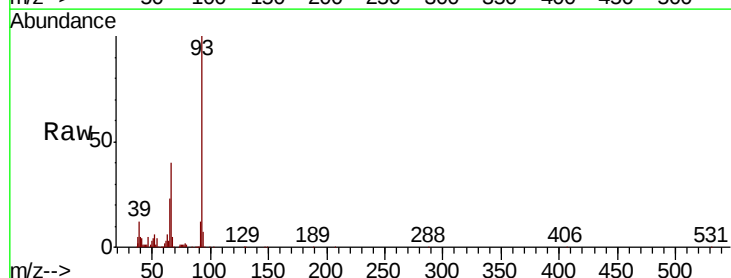
RT: 7.38 min Scan# 730

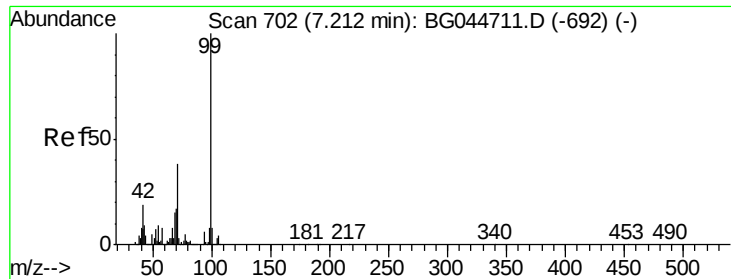
Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	93	Resp:	223459
Ion Ratio	Lower	Upper	
93	100		
66	40.1	35.3	52.9
65	22.7	18.2	27.4





#7

Phenol-d6

Concen: 113.588 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion: 99 Resp: 1011004

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.0

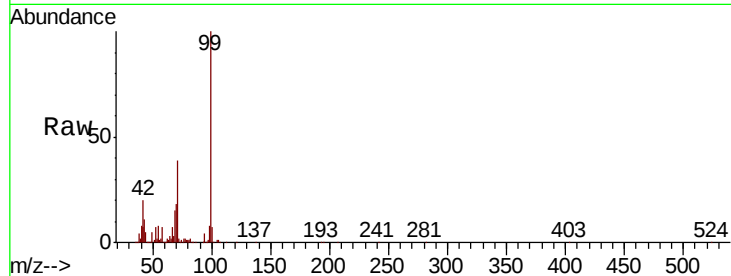
71 38.9 30.2 45.4

Manual Integrations

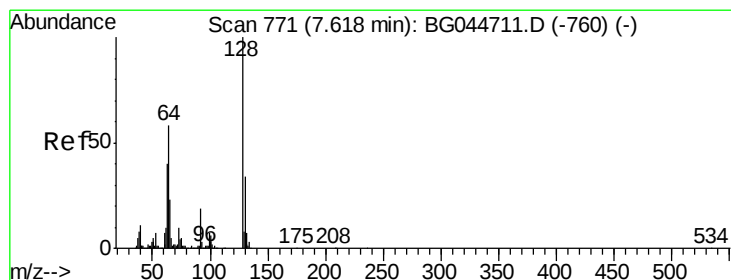
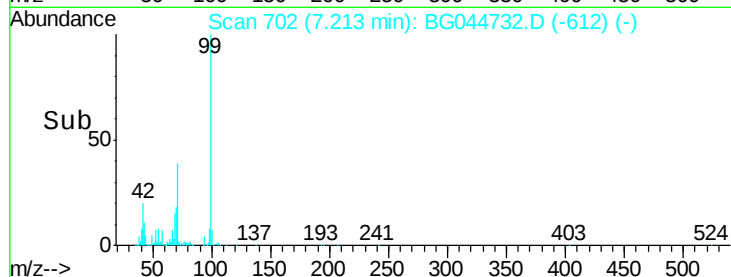
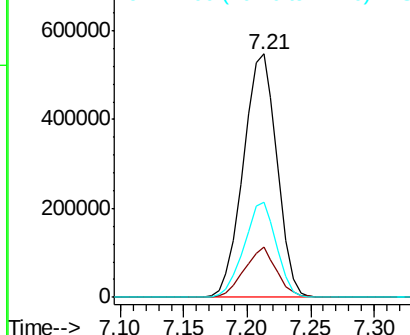
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.113 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

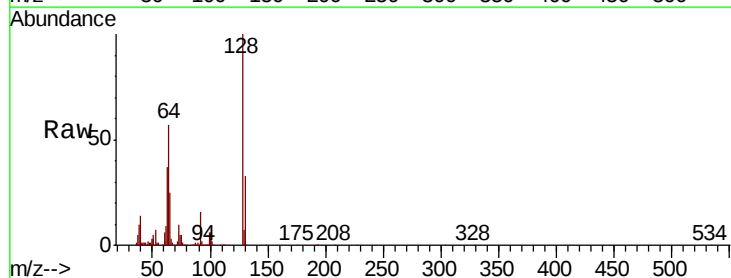
Tgt Ion: 128 Resp: 294225

Ion Ratio Lower Upper

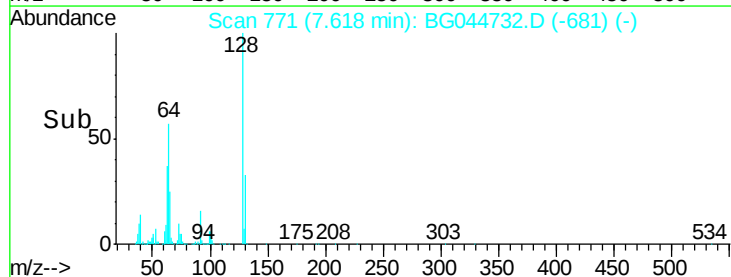
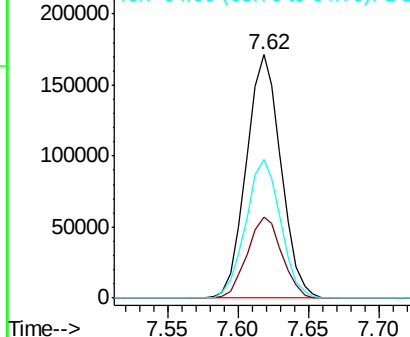
128 100

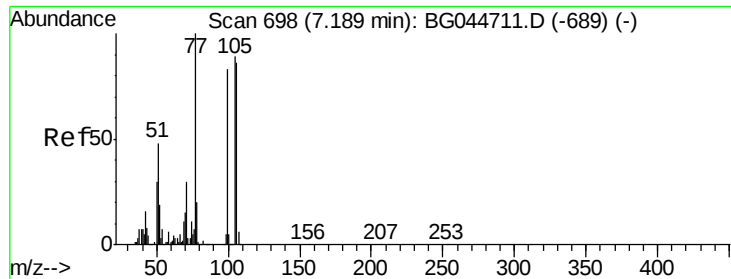
130 33.4 13.6 53.6

64 57.0 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 47.349 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

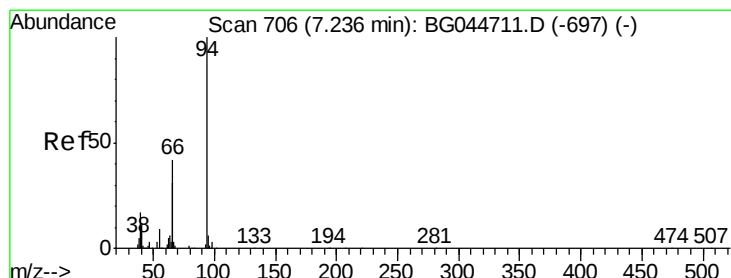
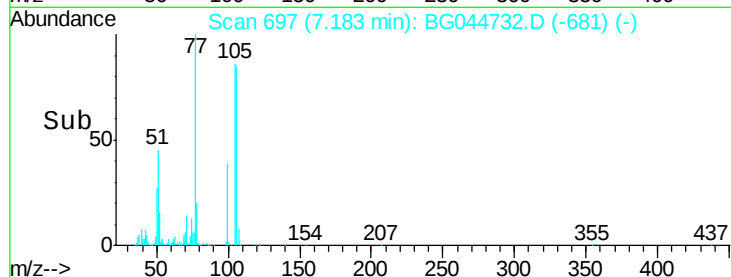
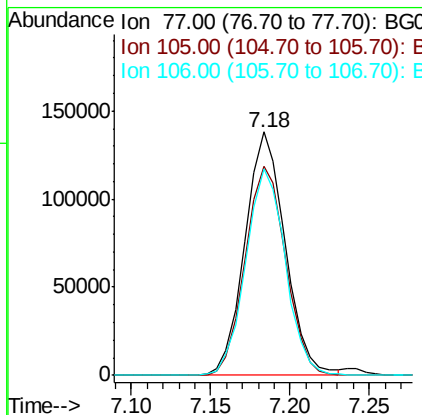
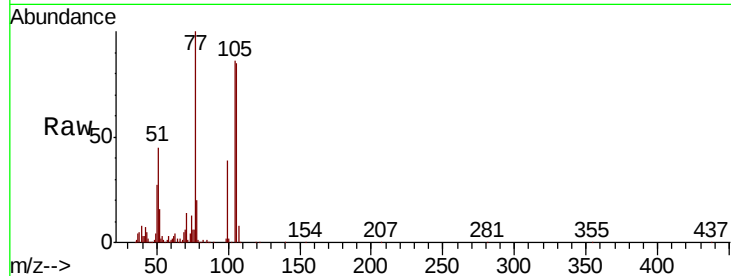
ClientSampleId :

TP-1MS

Tot Ion:	77	Resp:	243811
Ion Ratio	Lower	Upper	
77	100		
105	85.9	68.6	108.6
106	84.9	65.9	105.9

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#10

Phenol

Concen: 46.540 ng

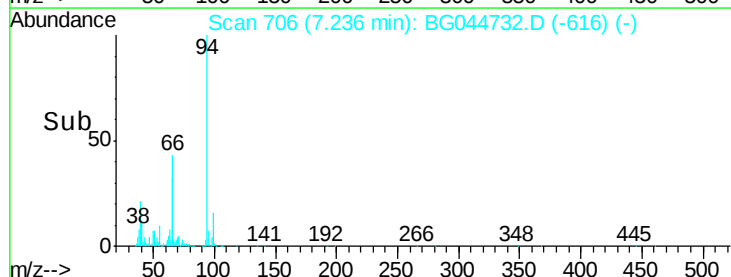
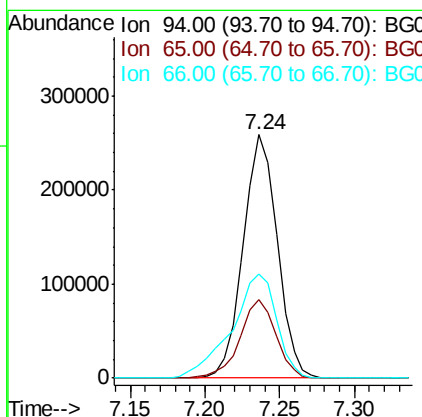
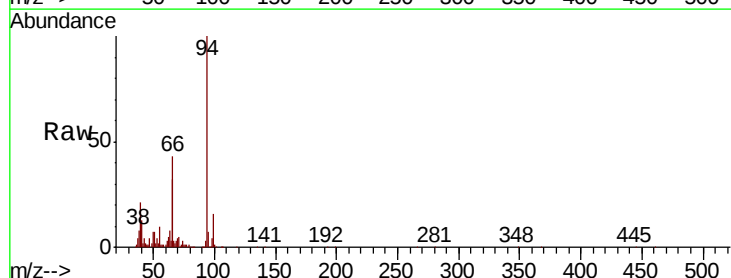
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	94	Resp:	410102
Ion Ratio	Lower	Upper	
94	100		
65	32.2	11.3	51.3
66	42.7	22.9	62.9





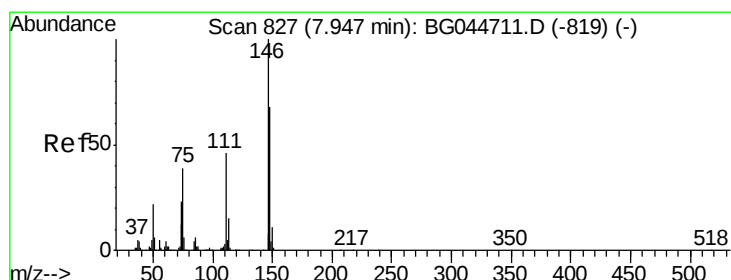
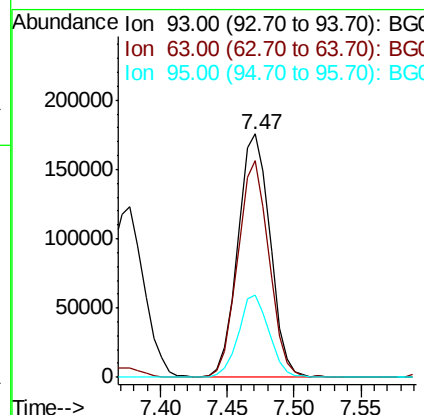
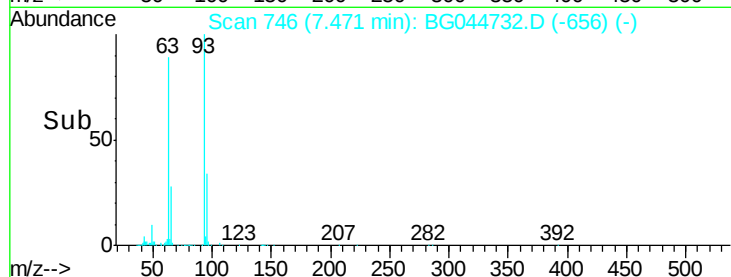
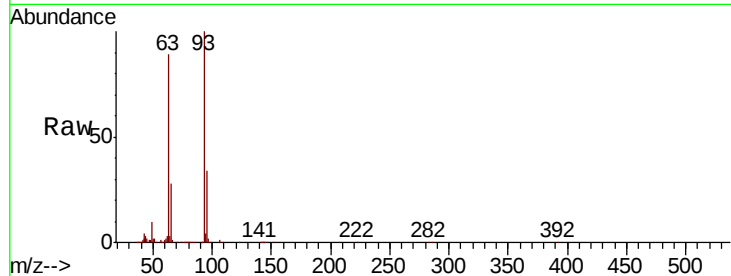
#11
bis(2-Chloroethyl)ether
Concen: 41.693 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	68.1	108.1
95	33.7	12.4	52.4

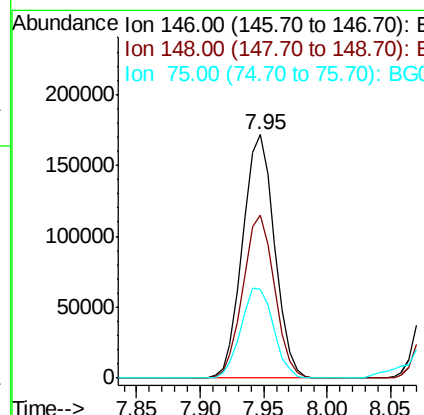
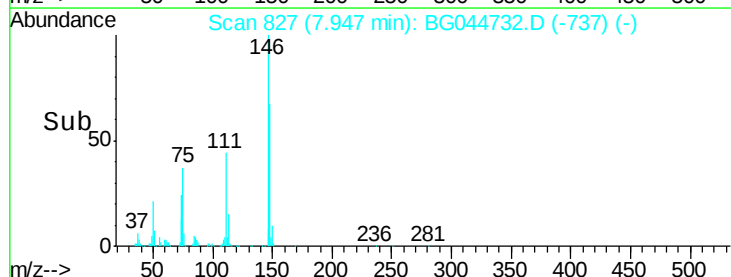
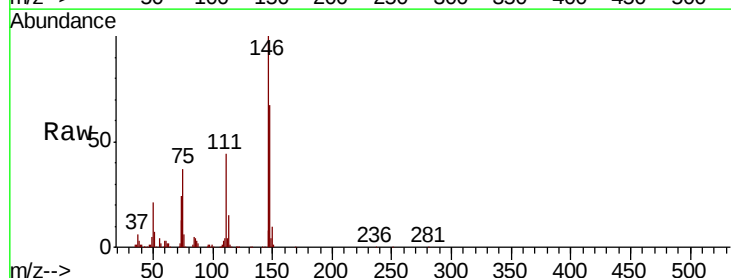
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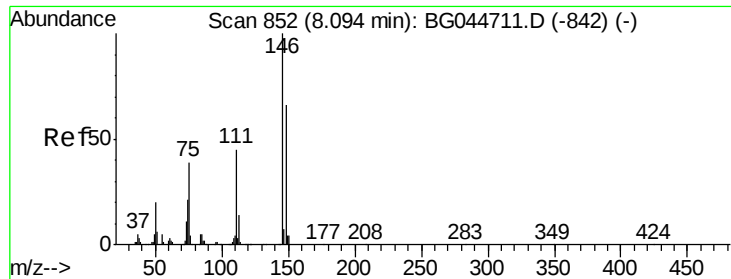
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.776 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	54.2	81.2
75	36.7	31.3	46.9





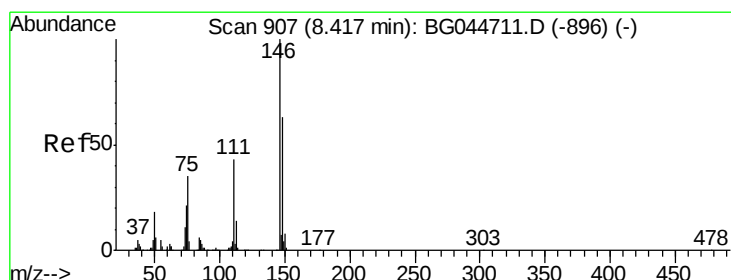
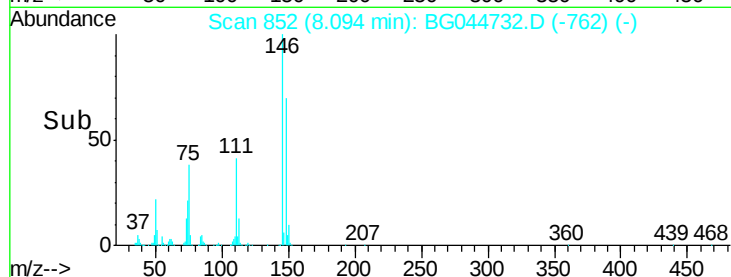
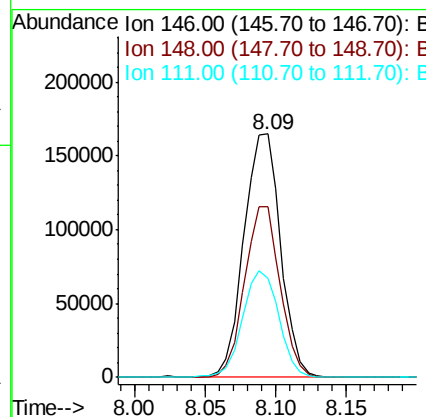
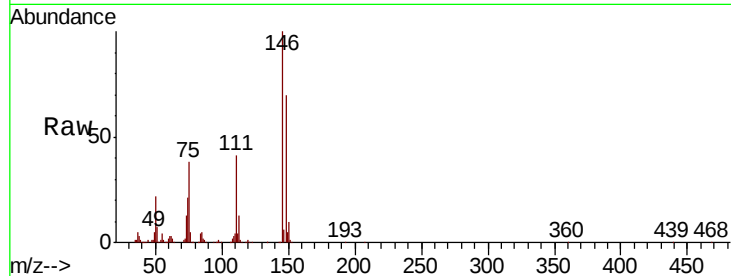
#13
 1,4-Dichlorobenzene
 Concen: 40.287 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.2	52.9	79.3
111	40.6	35.6	53.4

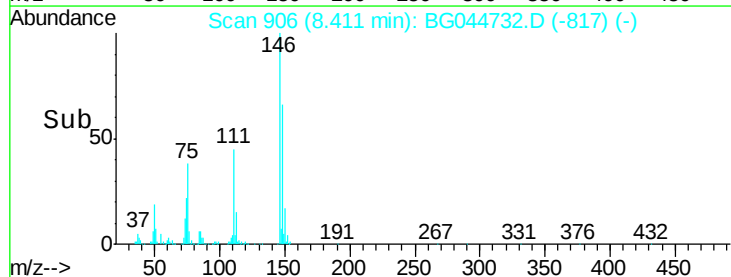
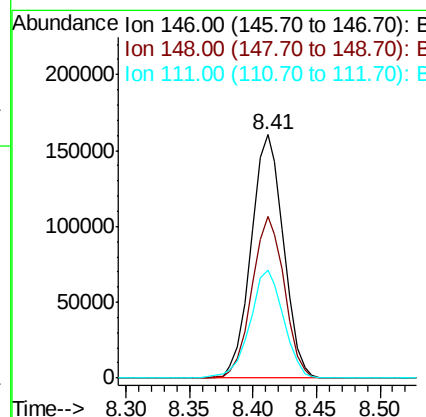
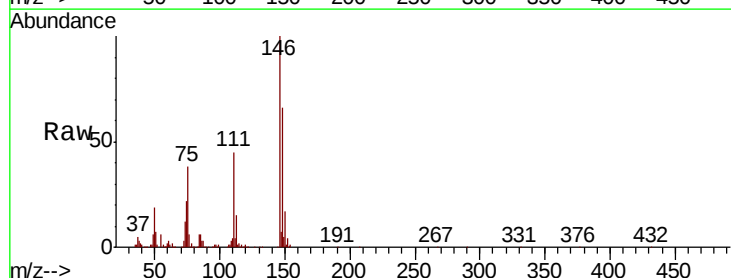
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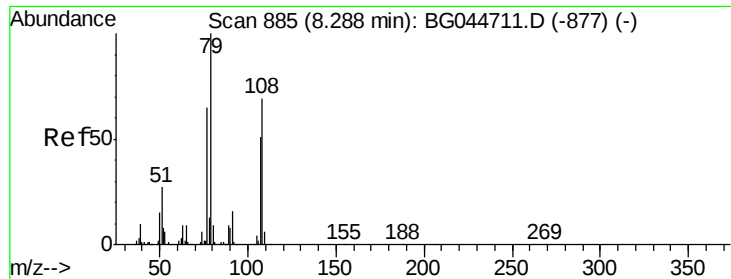
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.326 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.8	76.2
111	44.6	34.8	52.2





#15

Benzyl Alcohol

Concen: 44.187 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

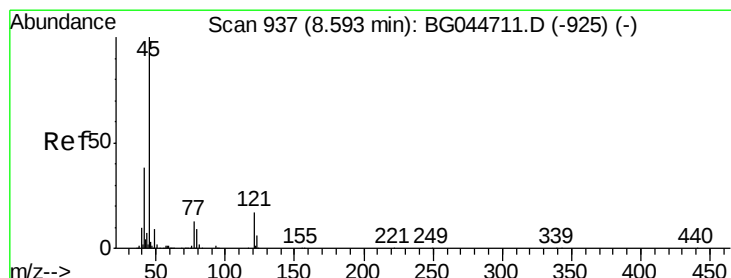
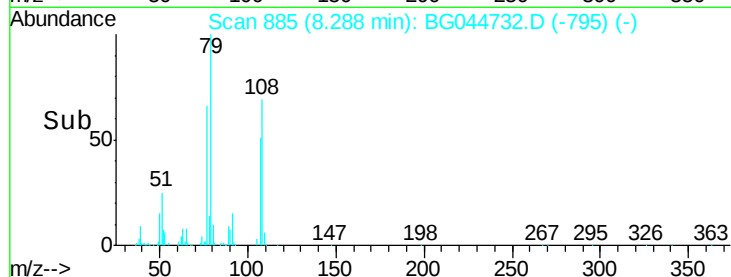
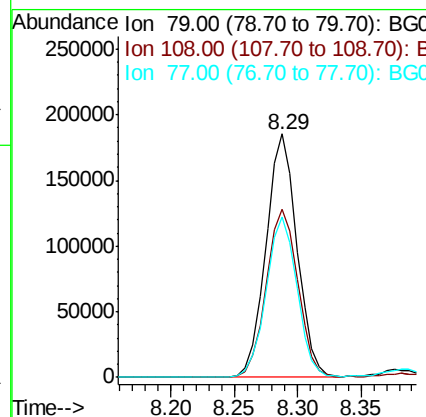
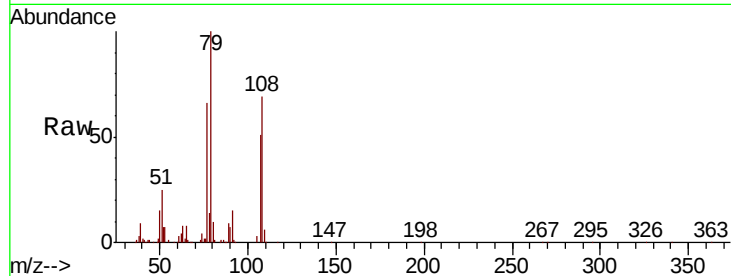
ClientSampleId :

TP-1MS

Tot Ion:	79	Resp:	31558
Ion Ratio	Lower	Upper	
79	100		
108	69.1	55.4	83.0
77	66.0	52.2	78.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.716 ng

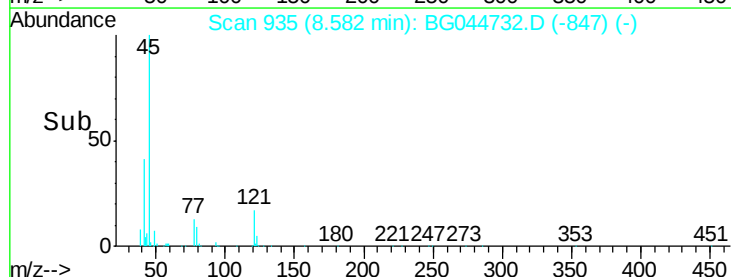
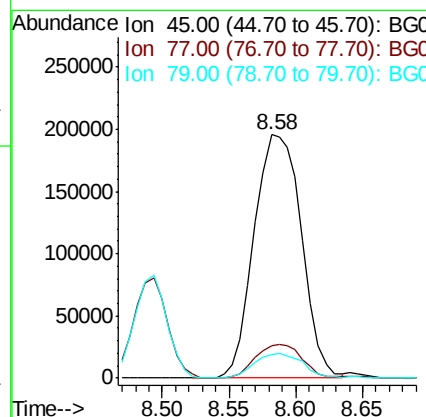
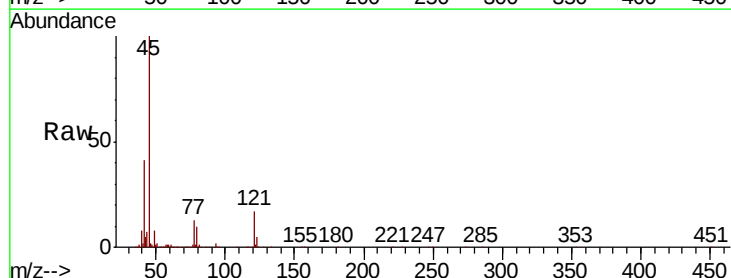
RT: 8.58 min Scan# 935

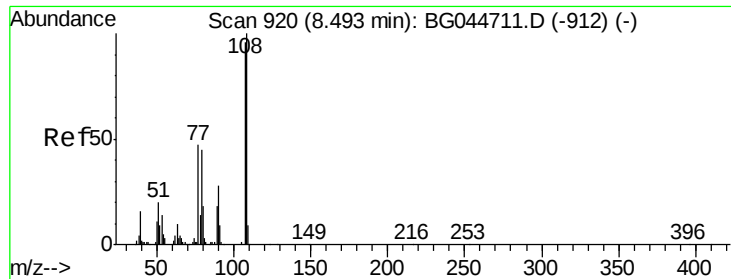
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	45	Resp:	480486
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	33.4
79	9.7	0.0	30.0





#17

2-Methylphenol

Concen: 44.992 ng

RT: 8.49 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

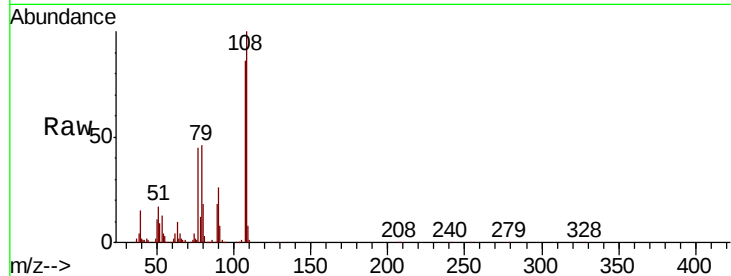
ClientSampleId :

TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	268559		
108	116.0		83.2	124.8
77	51.8		39.0	58.6
79	53.7		37.6	56.4

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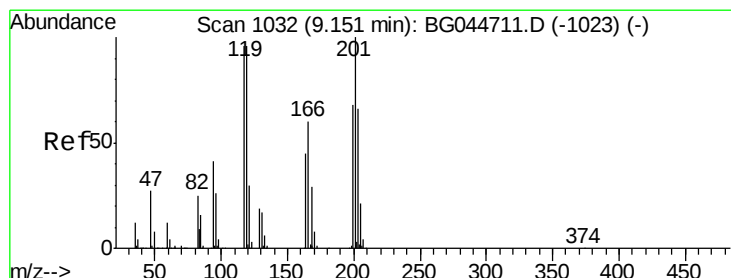
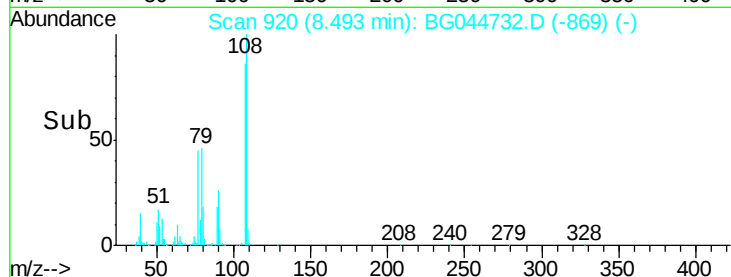
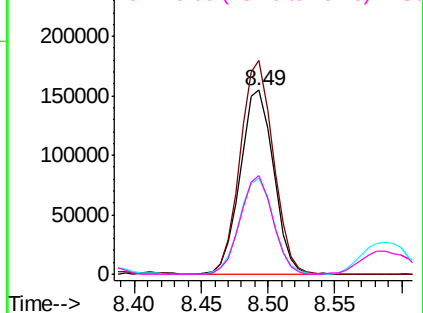
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.341 ng

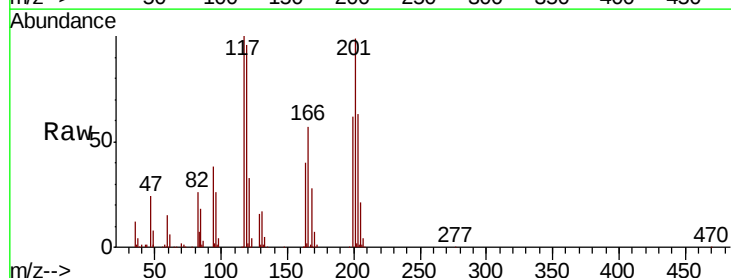
RT: 9.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118283		
119	95.9		80.2	120.4
201	99.2		83.4	125.2

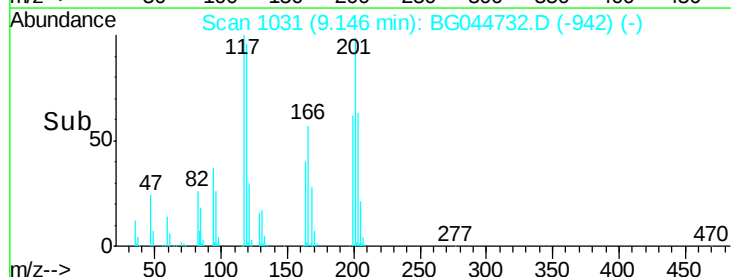
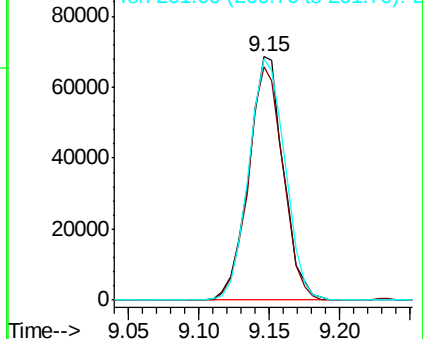


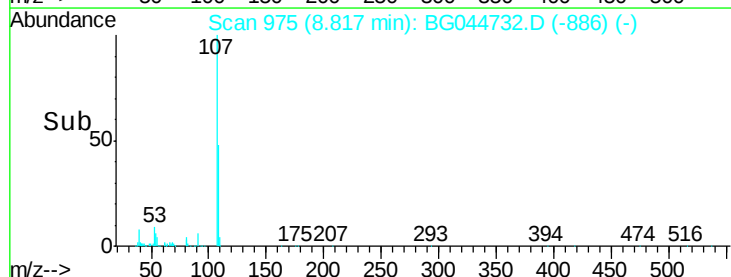
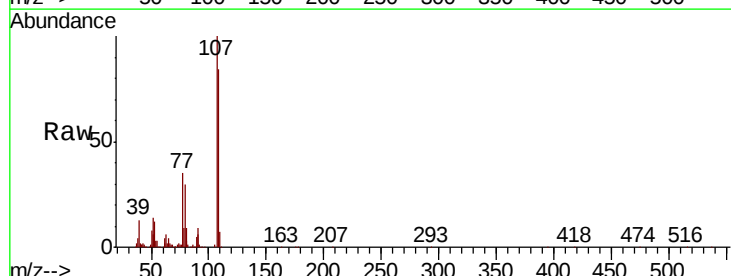
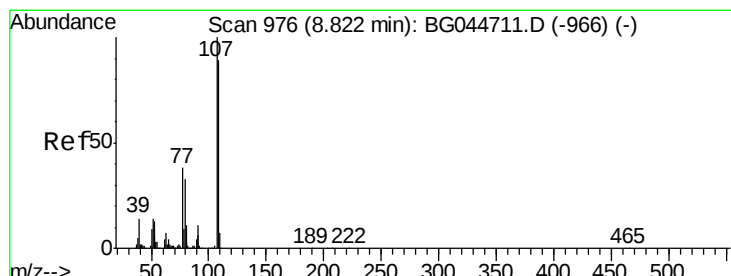
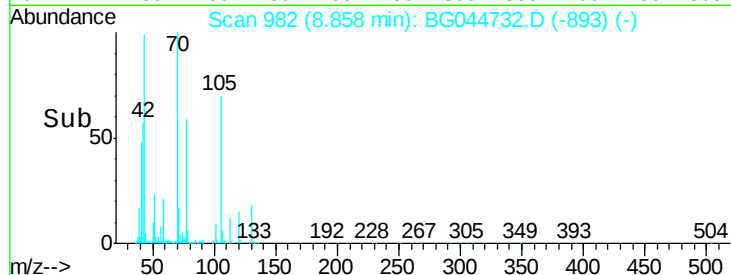
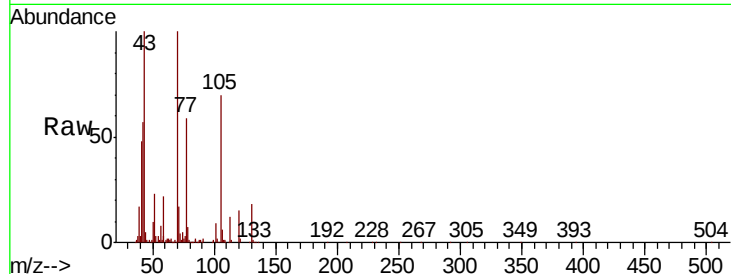
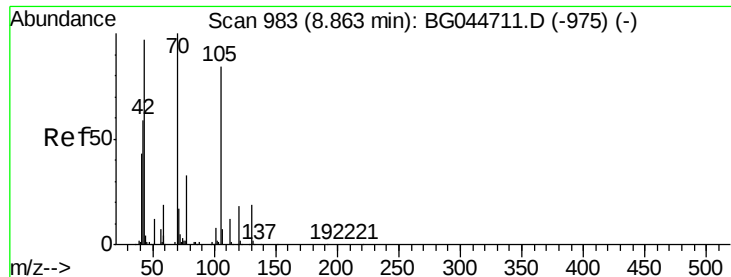
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

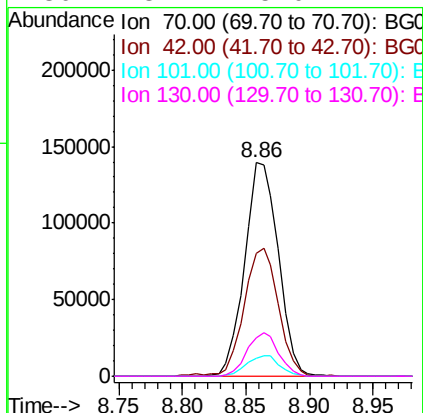
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.057 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.6	71.4
101	8.7	6.5	9.7
130	18.1	15.0	22.4



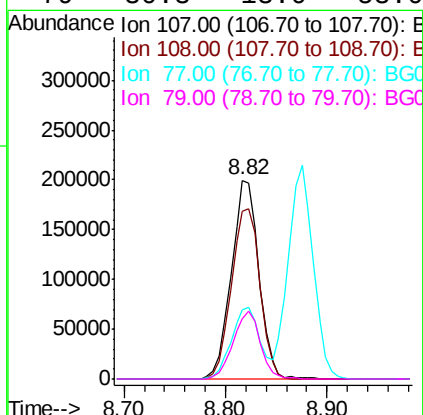
Instrument :
BNA_G
ClientSampleId :
TP-1MS

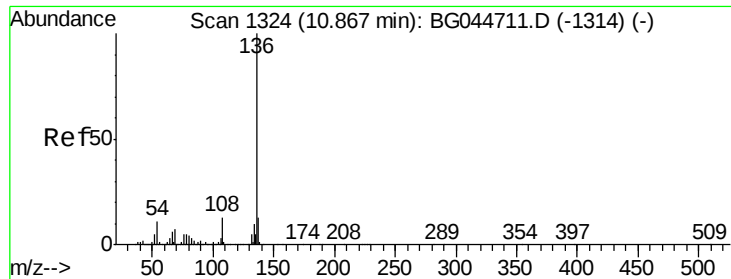
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#20
3+4-Methylphenols
Concen: 45.663 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	69.1	109.1
77	35.1	17.7	57.7
79	30.3	13.0	53.0





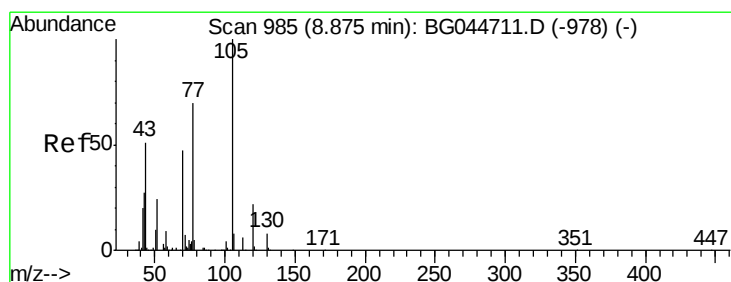
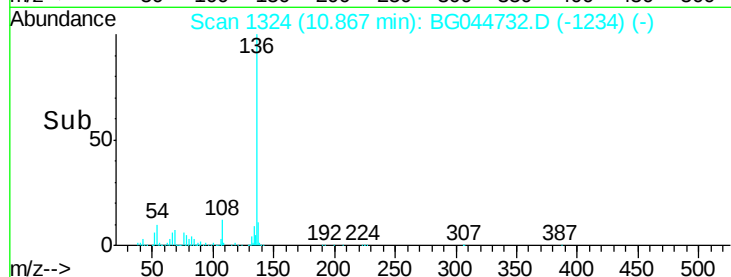
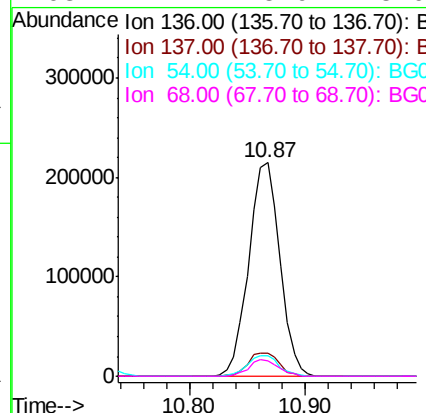
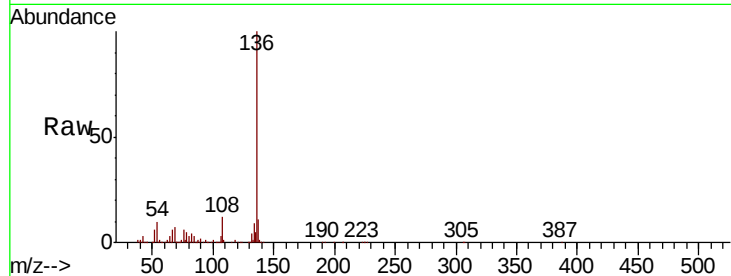
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		402051		
137	10.6	10.7	16.1#		
54	9.8	9.0	13.4		
68	7.2	5.9	8.9		

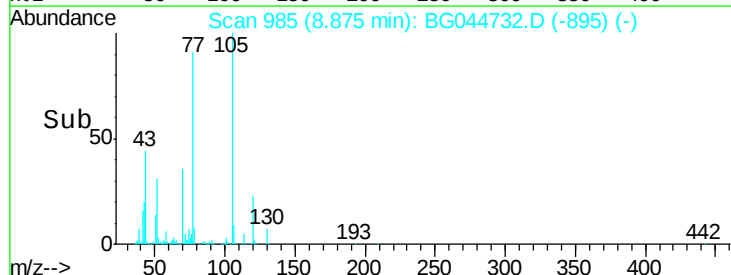
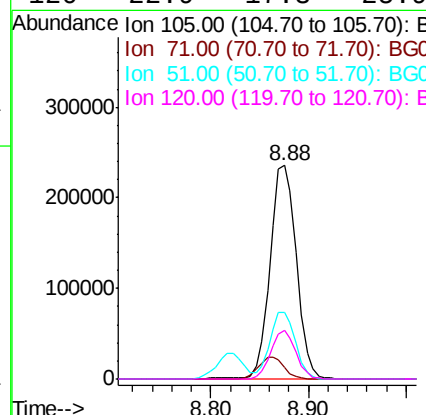
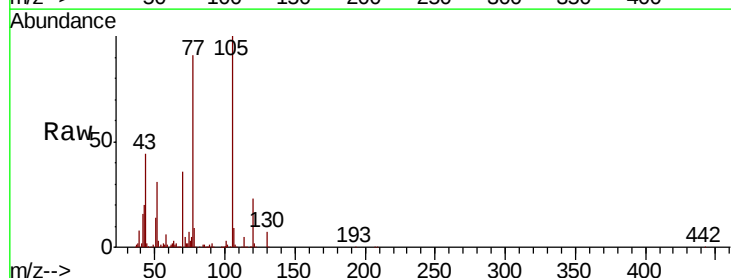
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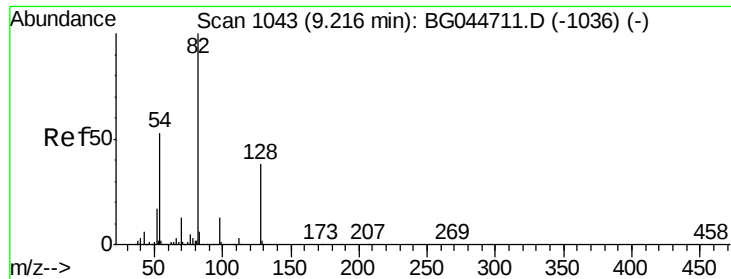
mohammad
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#22
Acetophenone
Concen: 39.212 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		446627		
71	5.3	5.8	8.8#		
51	31.1	23.8	35.8		
120	22.9	17.3	25.9		





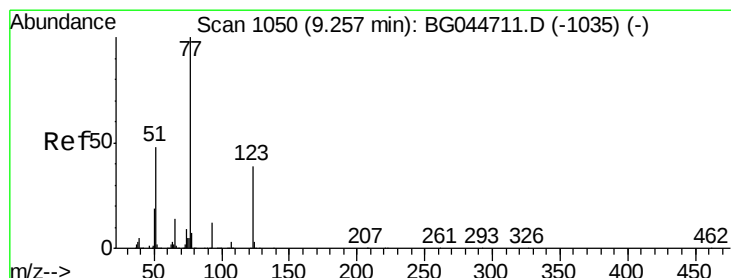
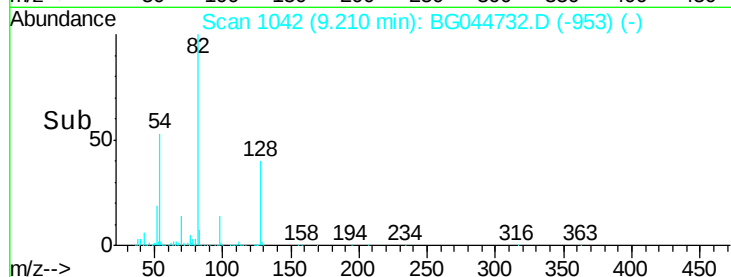
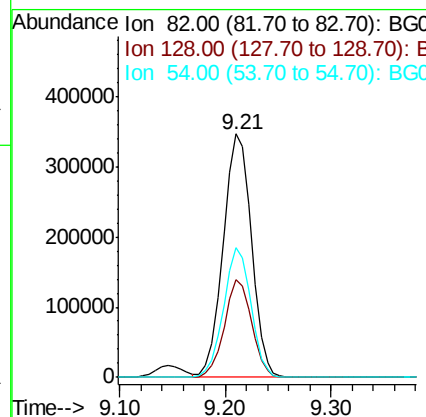
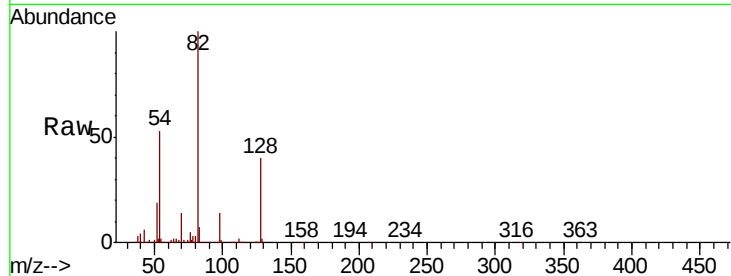
#23
Nitrobenzene-d5
Concen: 70.463 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	82	Resp	645598
Ion Ratio	Lower	Upper	
82	100		
128	39.9	30.2	45.2
54	53.0	41.8	62.8

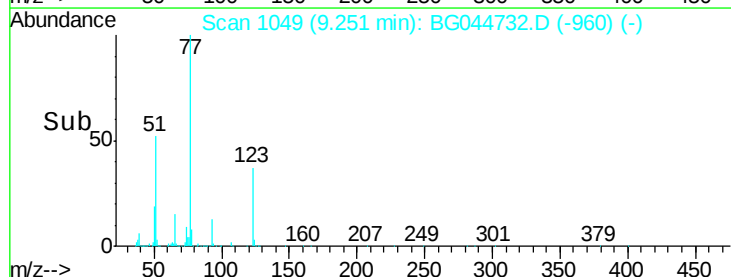
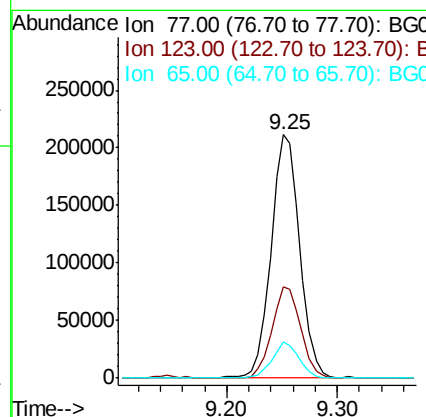
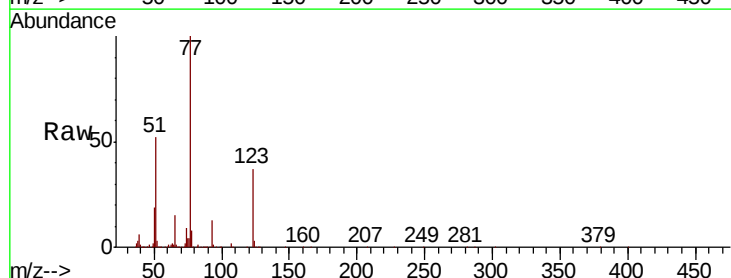
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#24
Nitrobenzene
Concen: 40.108 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	77	Resp	381302
Ion Ratio	Lower	Upper	
77	100		
123	37.4	31.5	47.3
65	14.6	11.0	16.4





#25

Isophorone

Concen: 39.683 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

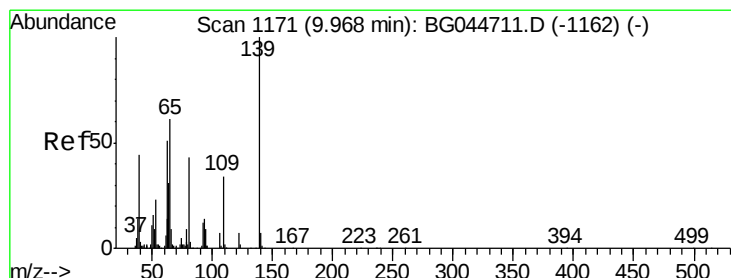
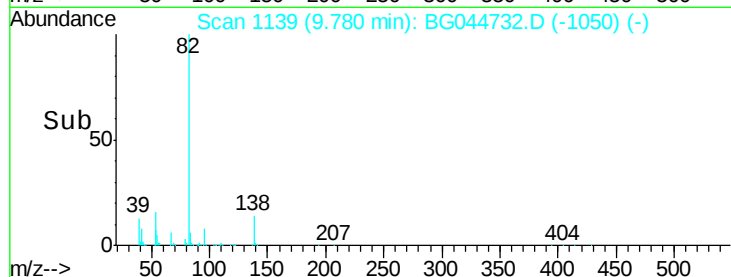
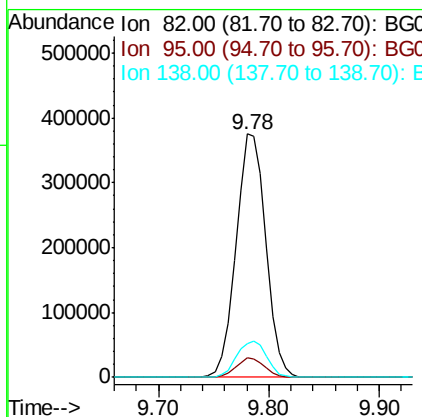
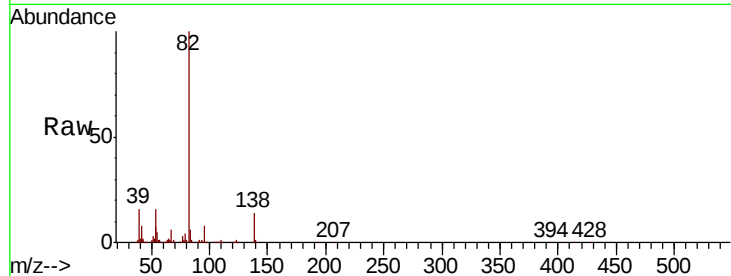
ClientSampleId :

TP-1MS

Tot Ion:	82	Resp:	709612
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.6	8.4
138	14.0	13.0	19.4

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#26

2-Nitrophenol

Concen: 44.589 ng

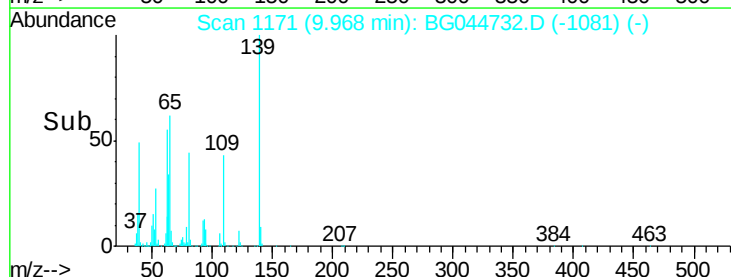
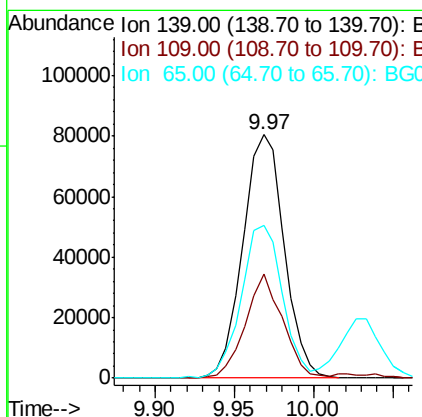
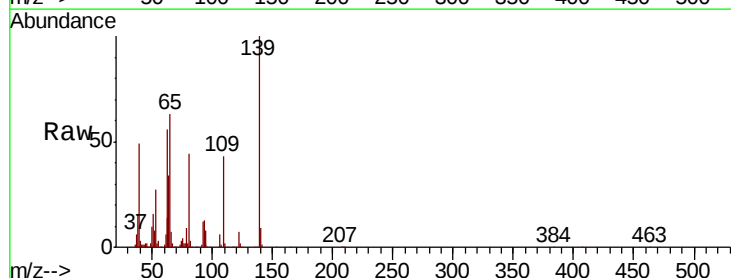
RT: 9.97 min Scan# 1171

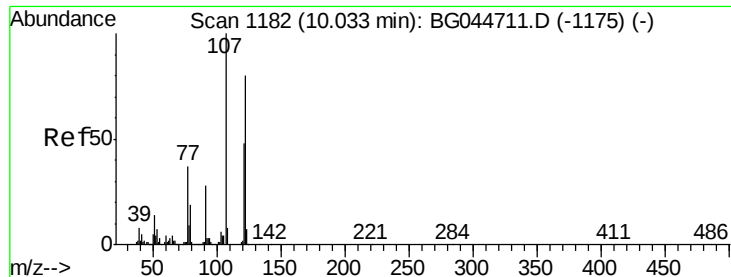
Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	139	Resp:	145705
Ion Ratio	Lower	Upper	
139	100		
109	42.6	27.0	40.4#
65	62.8	48.6	73.0





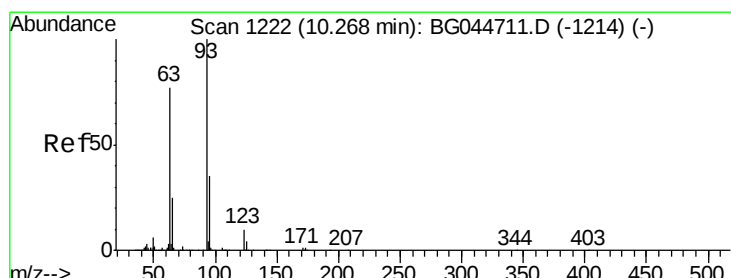
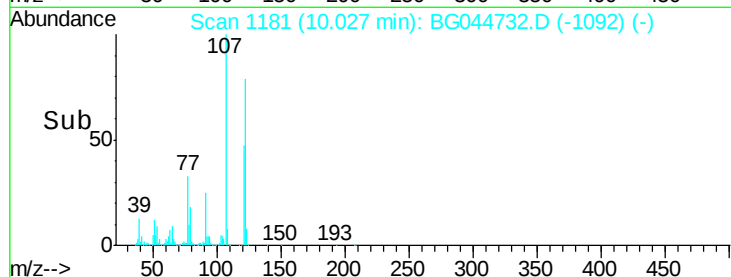
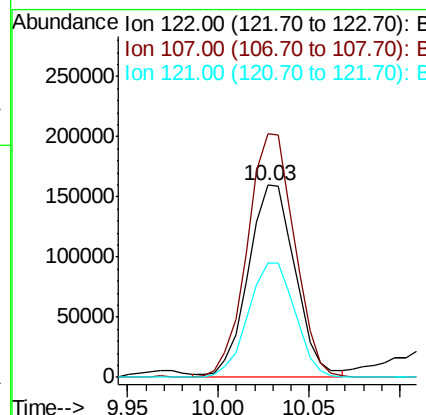
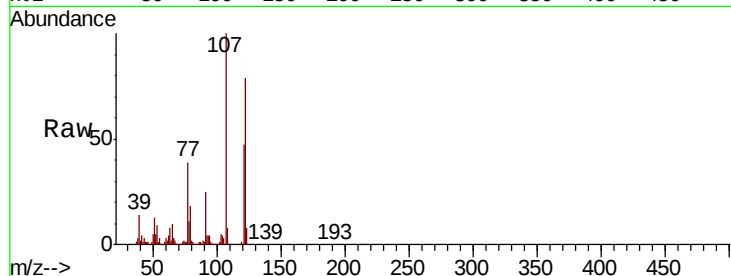
#27
2,4-Dimethylphenol
Concen: 49.401 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.7	99.0	148.6
121	59.6	47.6	71.4

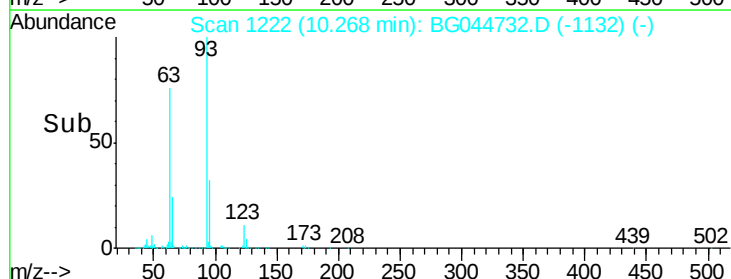
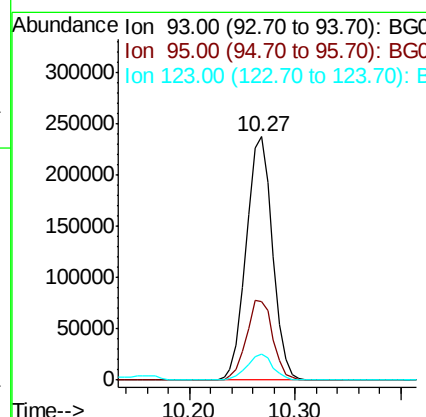
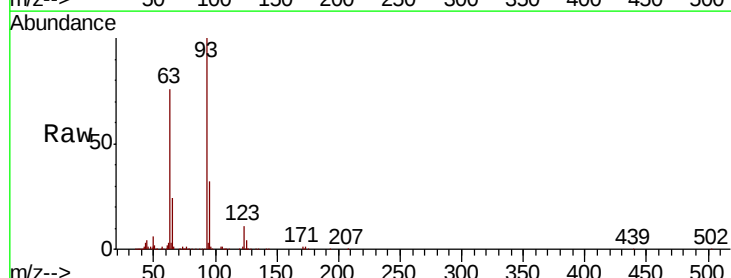
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#28
bis(2-Chloroethoxy)methane
Concen: 38.429 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.7	41.5
123	10.7	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 43.728 ng

RT: 10.50 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

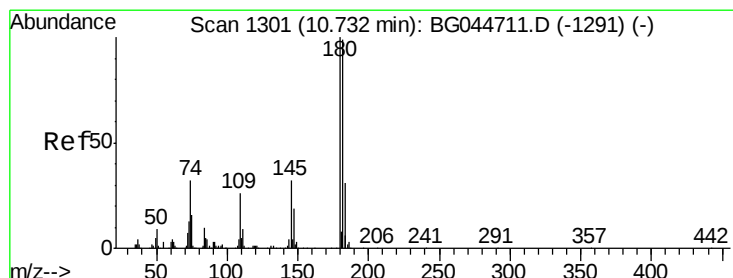
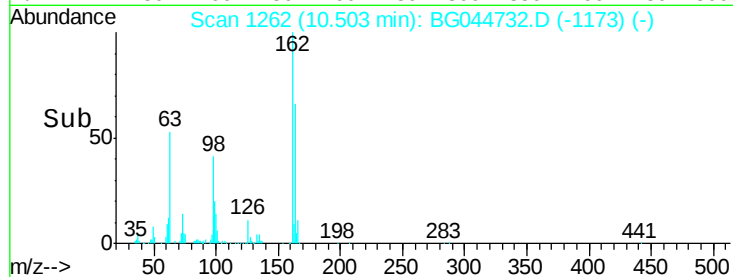
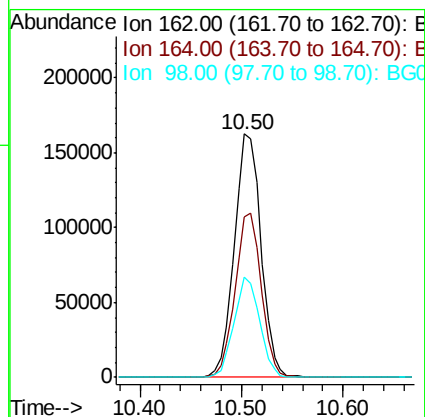
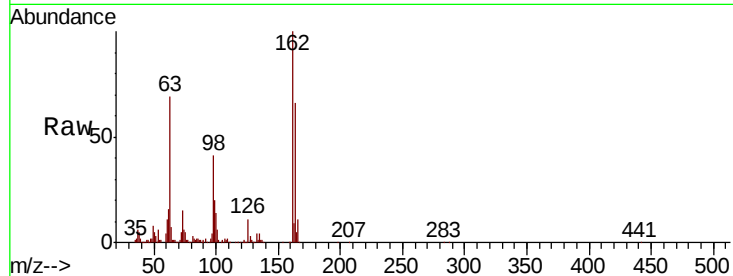
ClientSampleId :

TP-1MS

Tot Ion:	162	Resp:	297424
Ion Ratio	Lower	Upper	
162	100		
164	66.1	46.5	86.5
98	41.0	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.522 ng

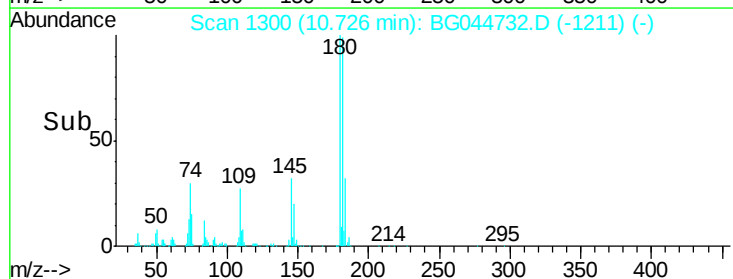
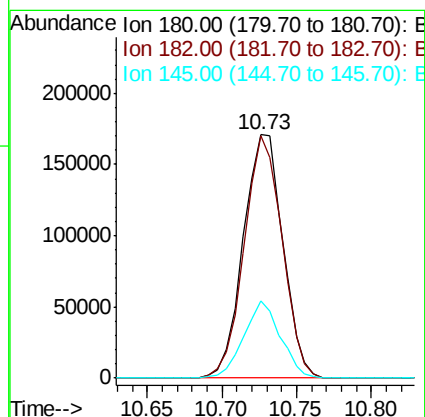
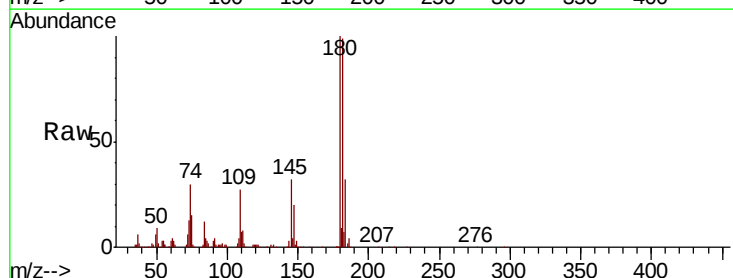
RT: 10.73 min Scan# 1300

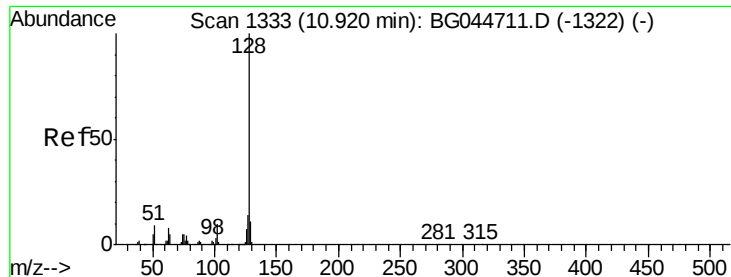
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	180	Resp:	313293
Ion Ratio	Lower	Upper	
180	100		
182	99.3	78.8	118.2
145	31.8	25.4	38.0





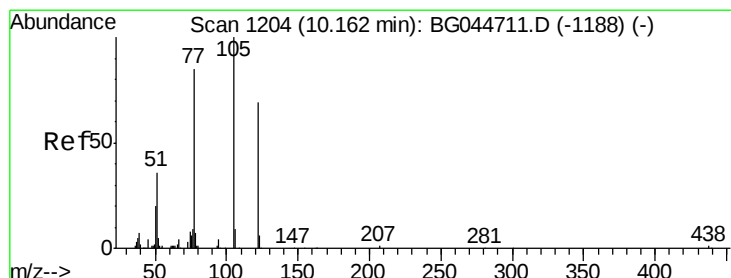
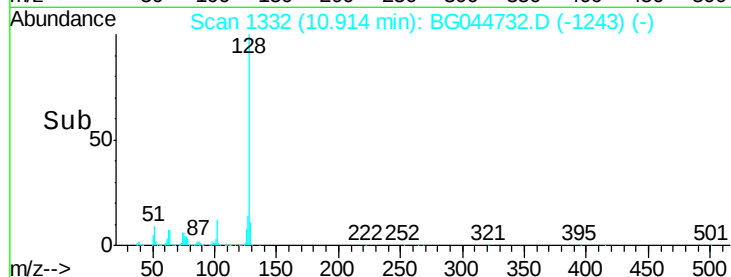
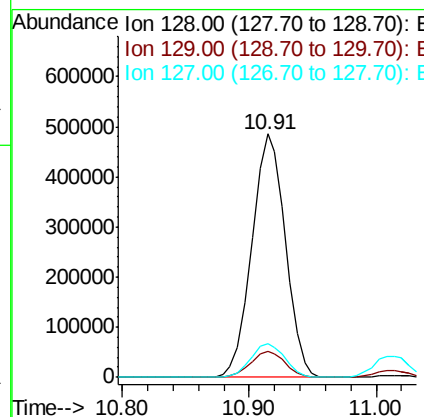
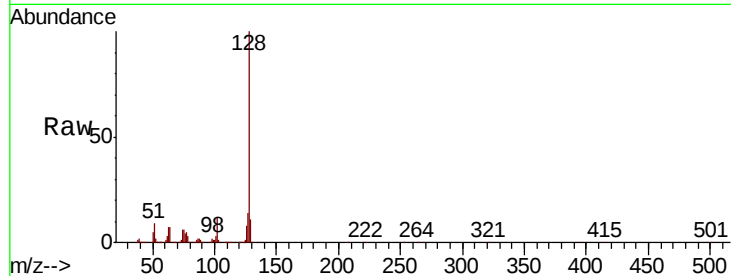
#31
Naphthalene
Concen: 39.976 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.8	11.0	16.6

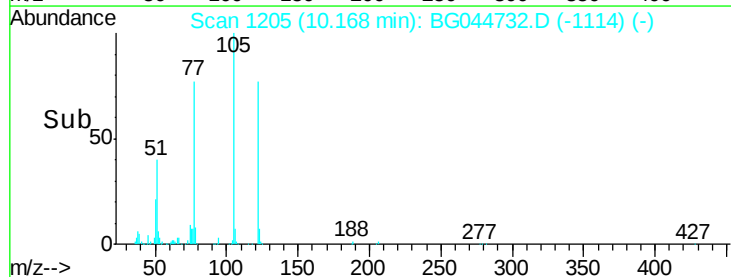
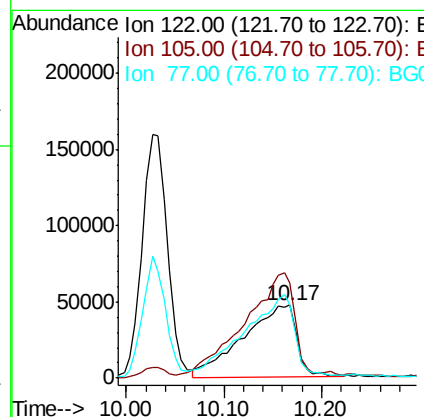
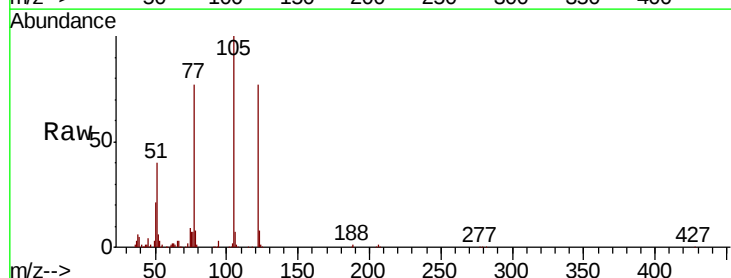
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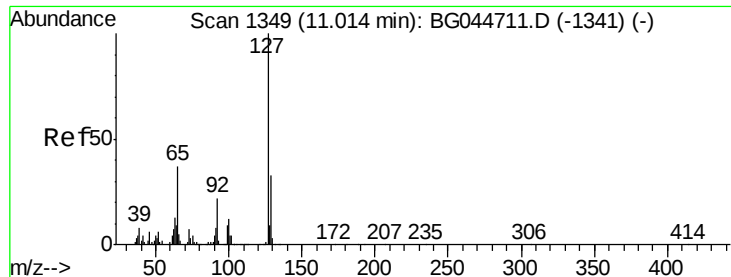
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#32
Benzoic acid
Concen: 41.233 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	119.0	159.0
77	100.8	96.4	136.4





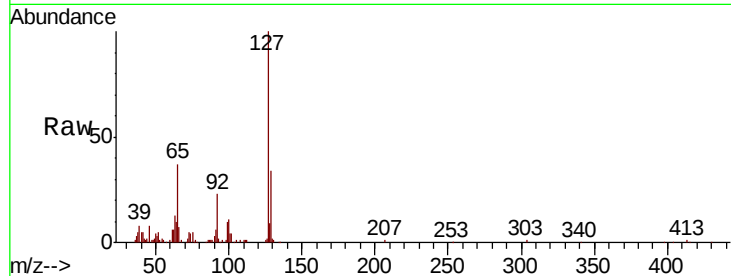
#33
4-Chloroaniline
Concen: 8.465 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		84943		
129	33.7	26.2	39.4		
65	36.6	29.6	44.4		
92	23.0	17.4	26.0		

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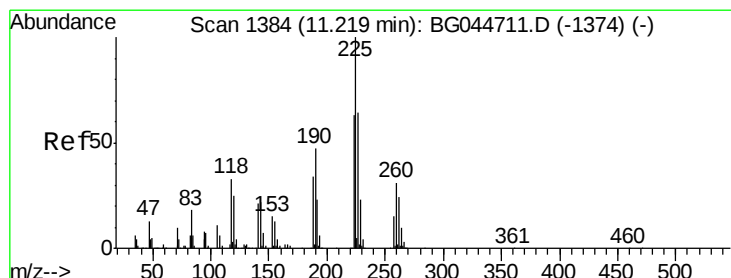
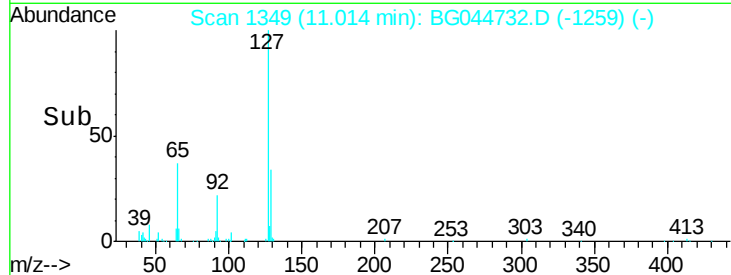
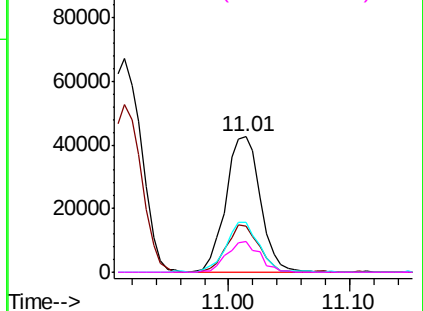
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

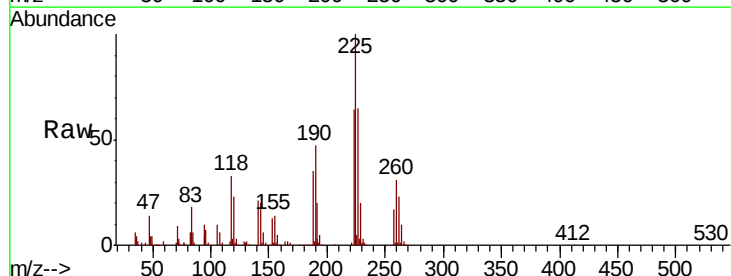
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.731 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		201796		
223	63.8	50.6	76.0		
227	65.0	51.6	77.4		

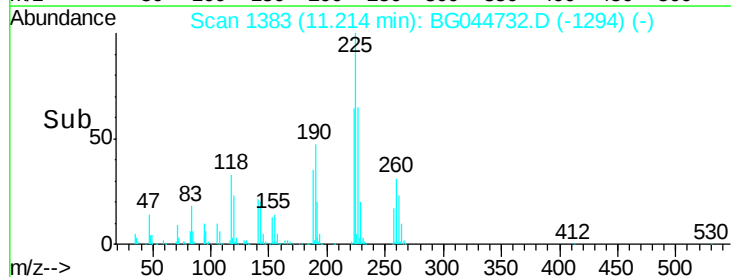
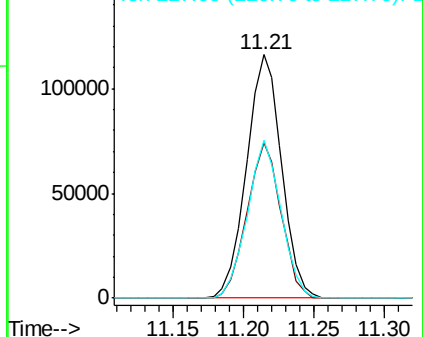


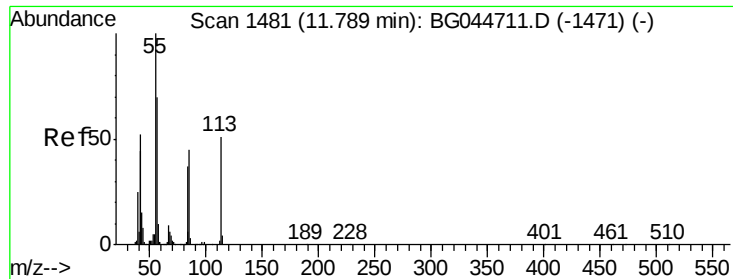
Abundance

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: 40.550 ng/ml

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

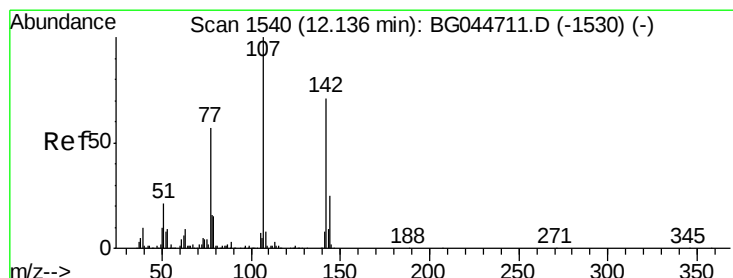
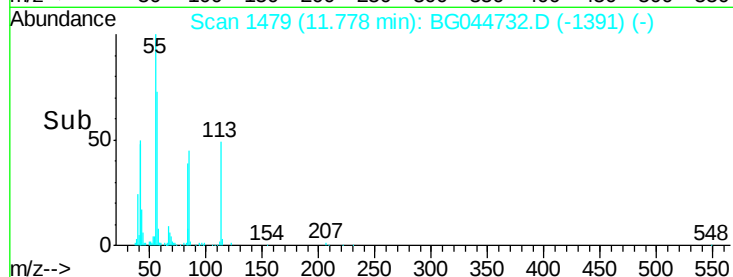
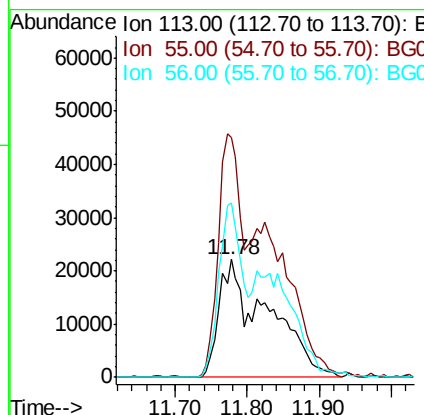
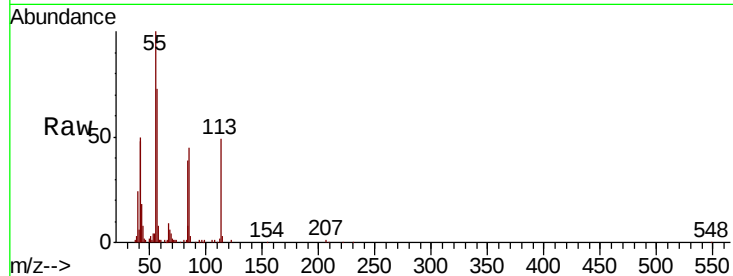
ClientSampleID :

TP-1MS

Tot Ion:	113	Resp:	104425
Ion Ratio	Lower	Upper	
113	100		
55	203.6	178.4	218.4
56	147.9	117.7	157.7

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#36

4-Chloro-3-methylphenol

Concen: 42.648 ng/ml

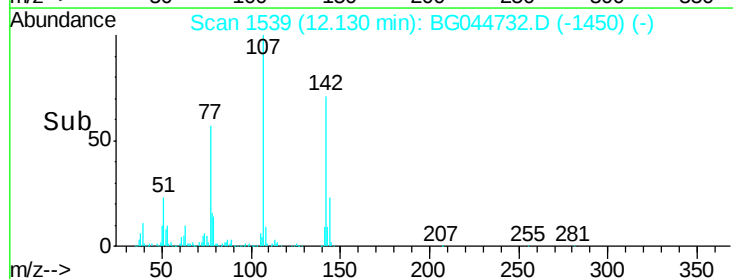
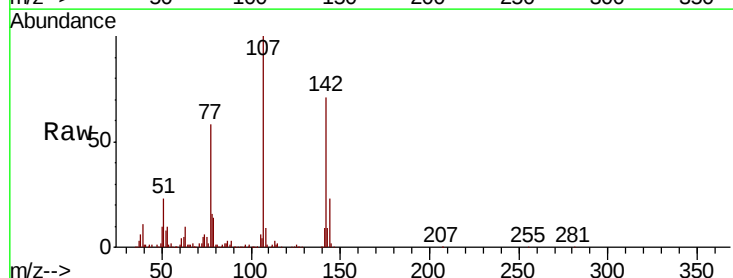
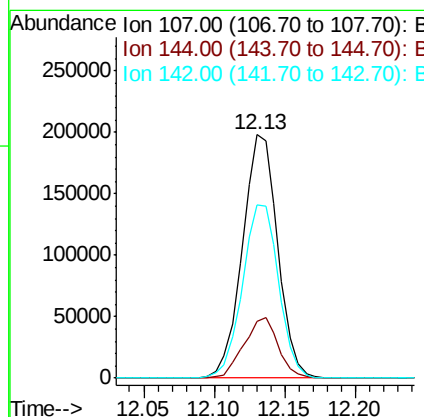
RT: 12.13 min Scan# 1539

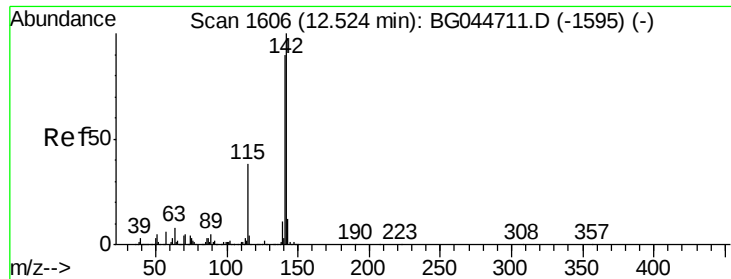
Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	107	Resp:	345968
Ion Ratio	Lower	Upper	
107	100		
144	23.4	19.6	29.4
142	71.4	56.5	84.7





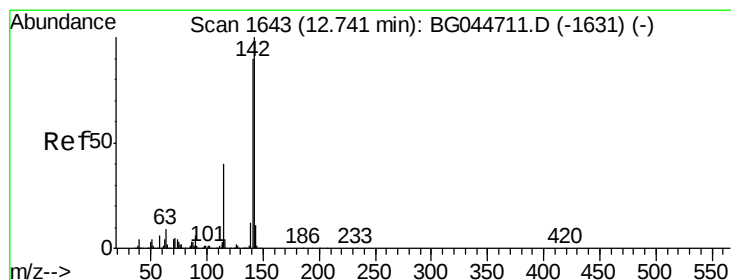
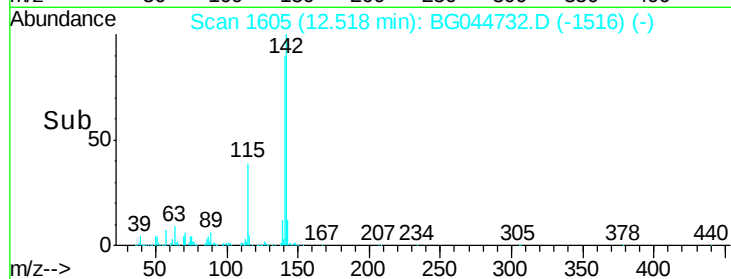
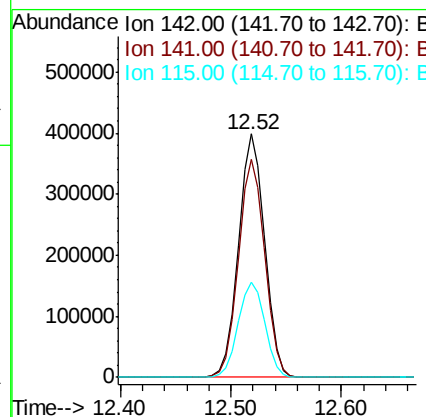
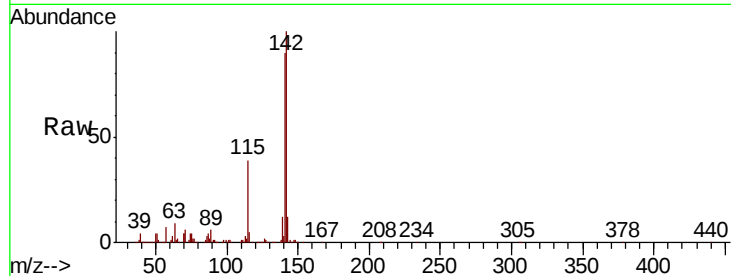
#37
2-Methylnaphthalene
Concen: 39.794 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	39.1	30.6	45.8

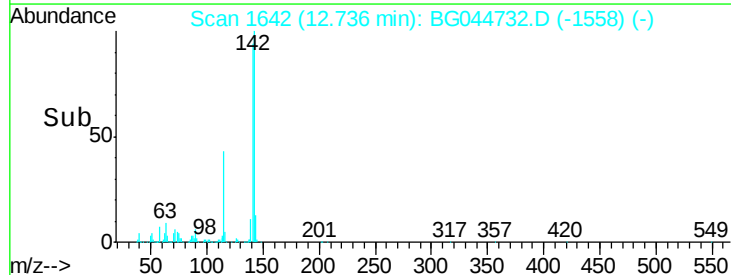
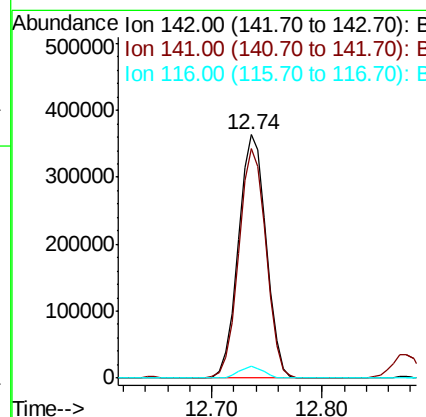
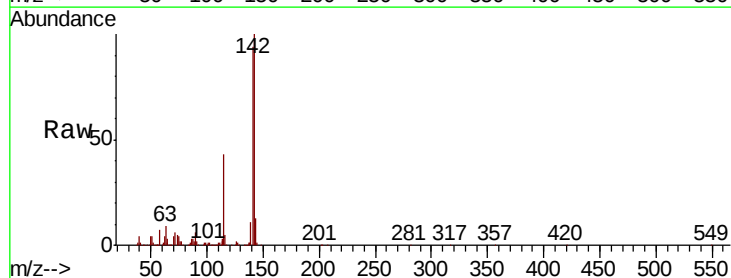
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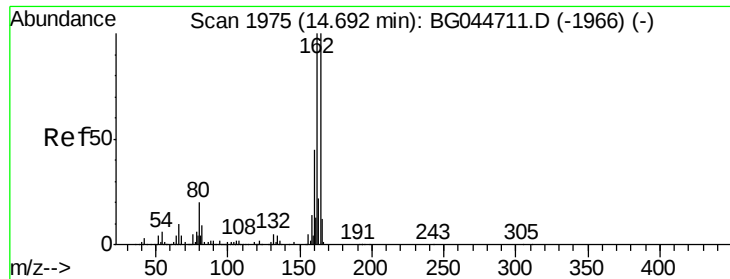
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#38
1-Methylnaphthalene
Concen: 40.868 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	72.2	108.2
116	5.1	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

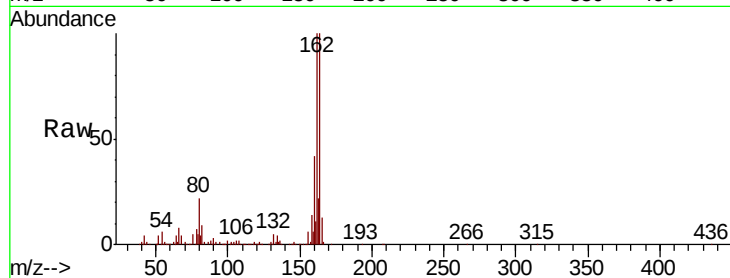
ClientSampleId :

TP-1MS

Tot Ion:	164	Resp:	282354
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.2	120.4
160	42.1	36.2	54.2

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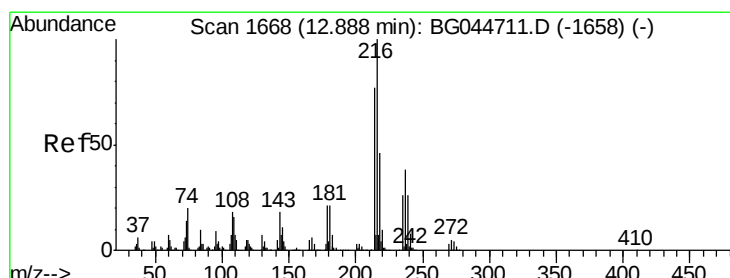
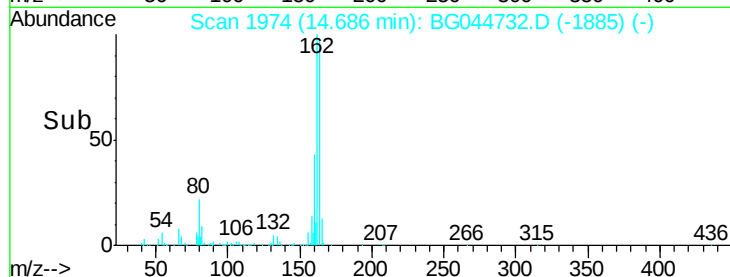
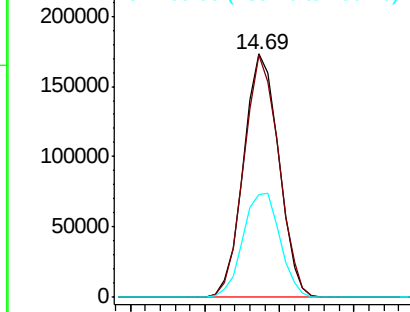


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.014 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	216	Resp:	344180
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	20.6	16.6	24.8
108	22.1	15.6	23.4

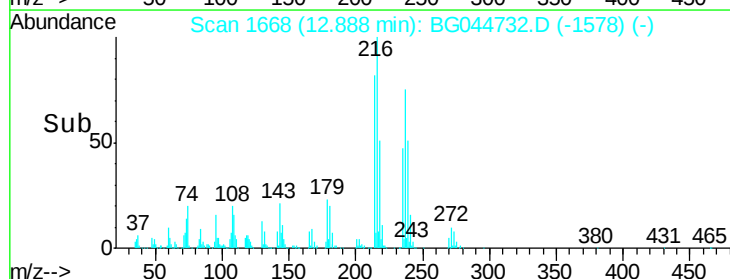
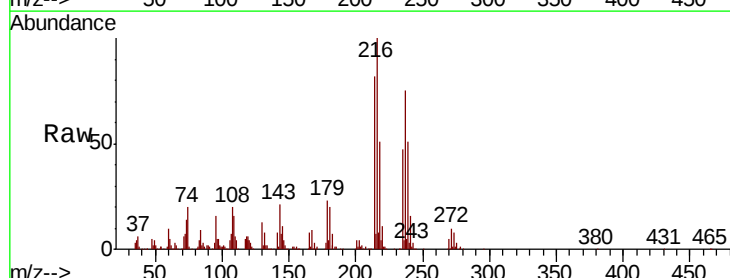
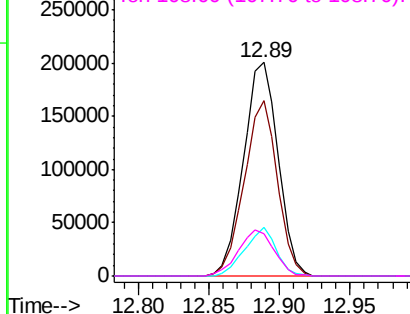
Abundance

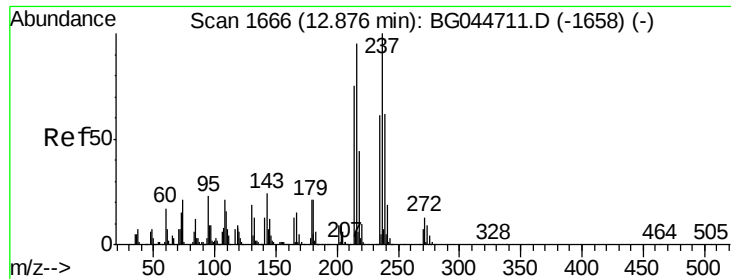
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.774 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

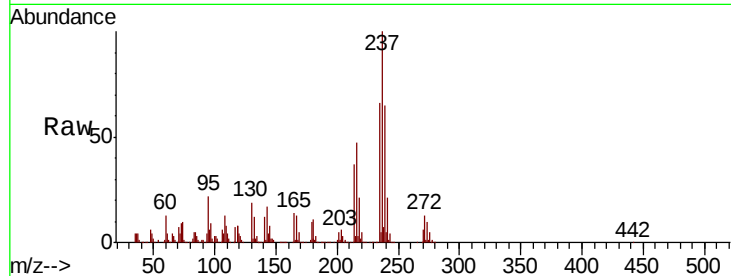
ClientSampleId :

TP-1MS

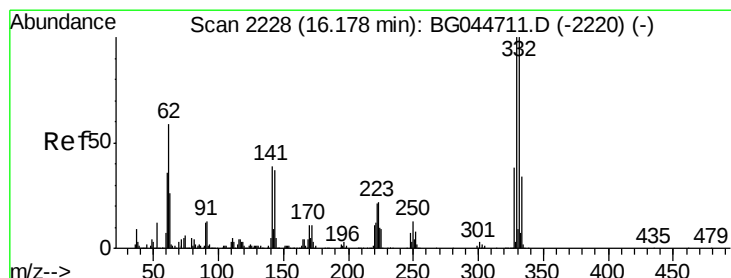
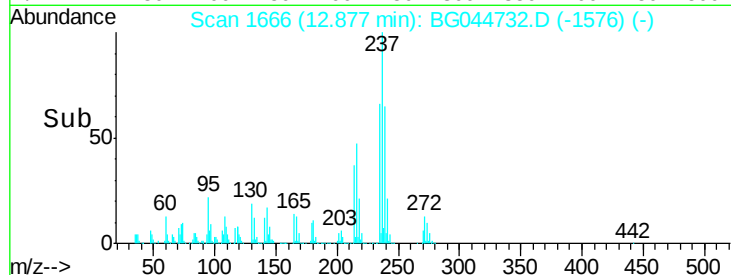
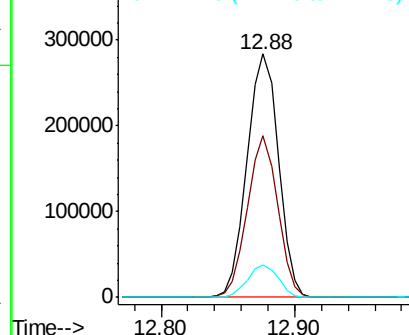
Tot Ion:	237	Resp:	461298
Ion Ratio		Lower	Upper
237	100		
235	66.4	40.6	80.6
272	13.4	0.0	32.5

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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: 103.021 ng

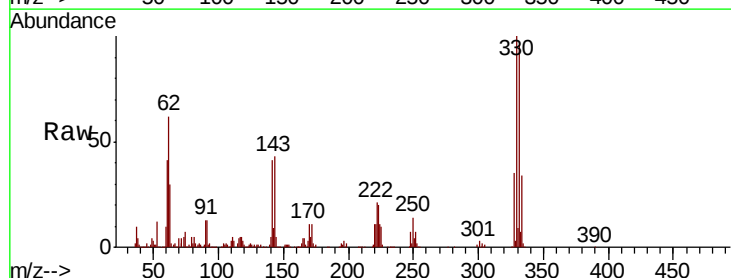
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

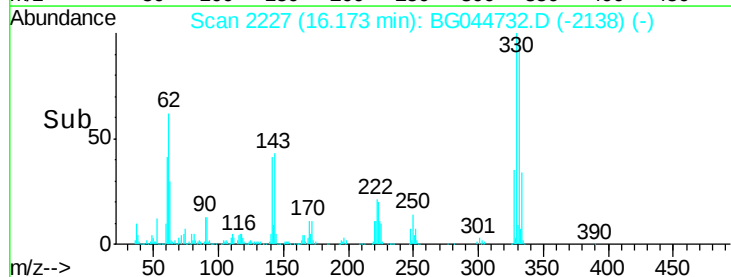
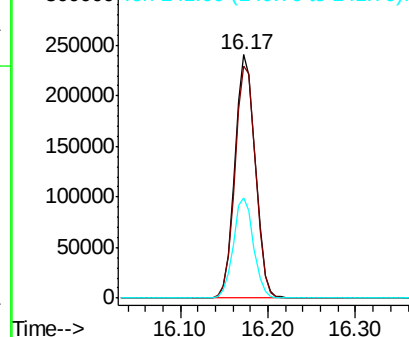
Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	330	Resp:	380869
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.5	116.3
141	40.8	31.7	47.5



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





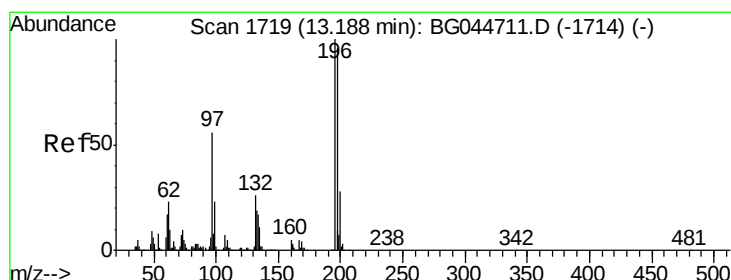
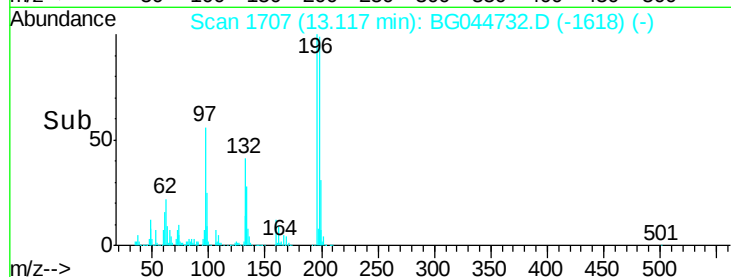
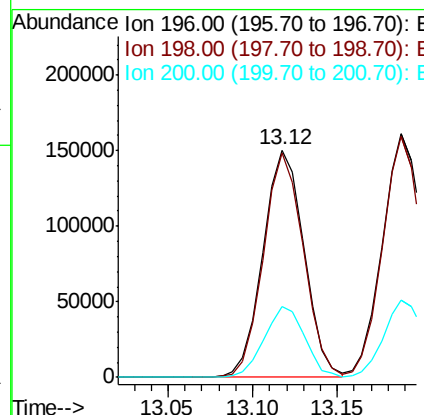
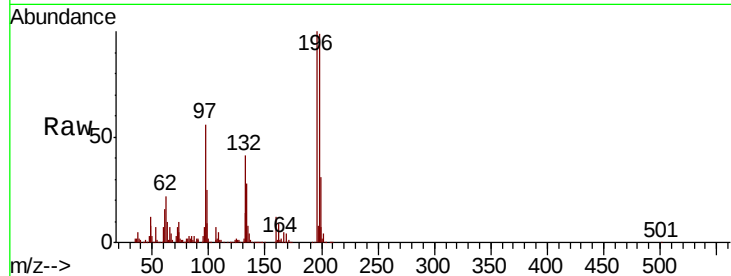
#43
 2,4,6-Trichlorophenol
 Concen: 40.880 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252278		
198	98.9	76.5	114.7	
200	31.0	25.9	38.9	

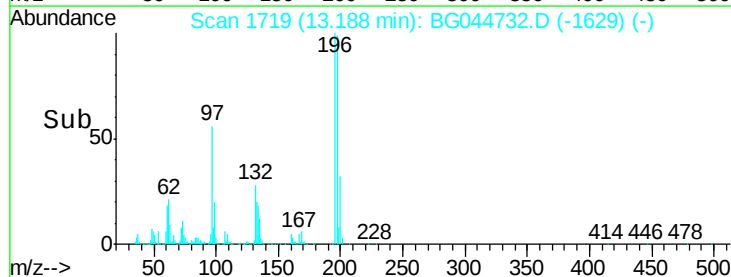
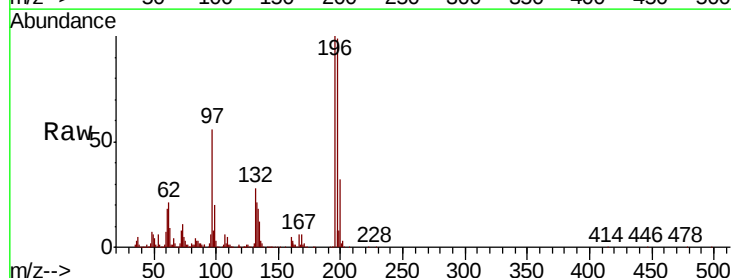
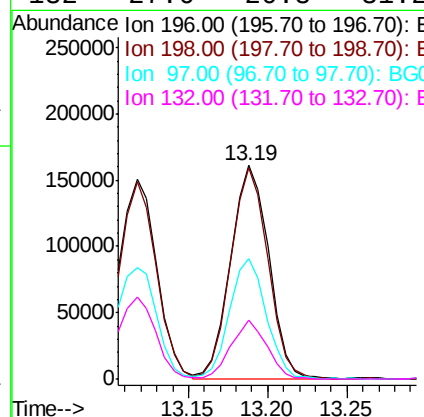
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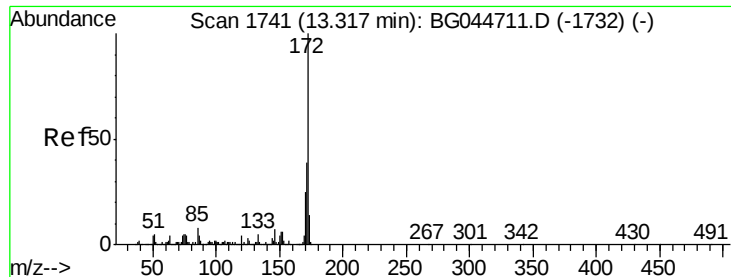
mohammad
 3/16/2020 1:48:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.039 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269041		
198	99.0	77.3	115.9	
97	56.1	44.9	67.3	
132	27.6	20.8	31.2	





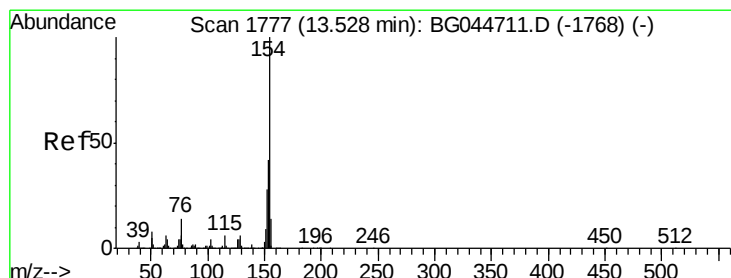
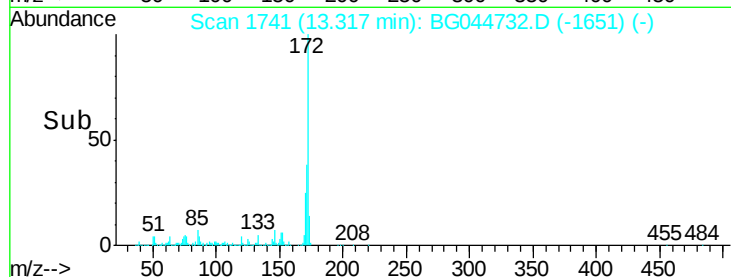
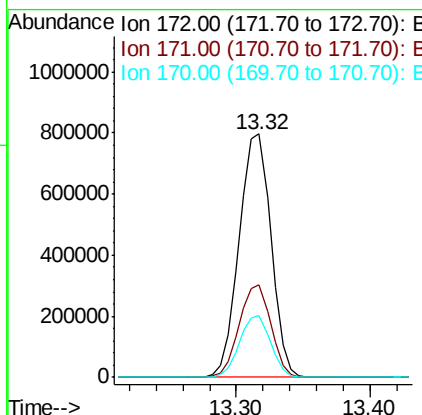
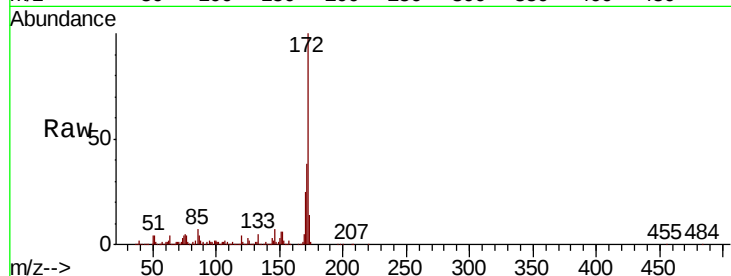
#45
2-Fluorobiphenyl
Concen: 66.825 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion:172 Resp: 1317597
Ion Ratio Lower Upper
172 100
171 37.9 30.8 46.2
170 25.3 20.0 30.0

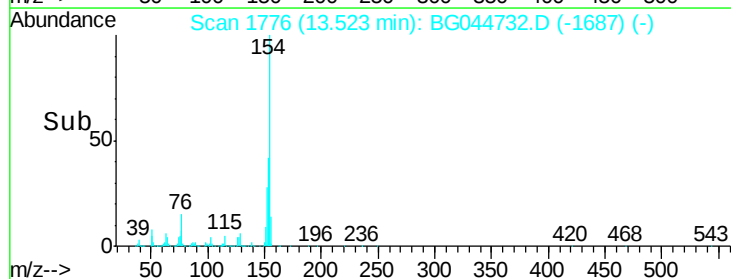
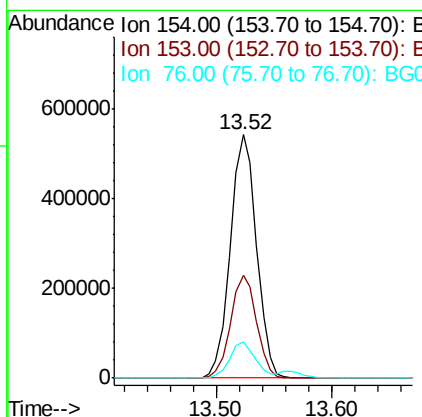
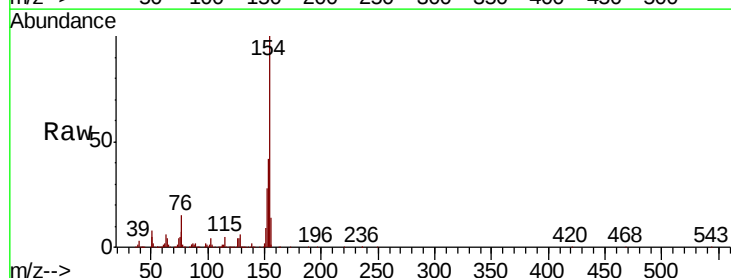
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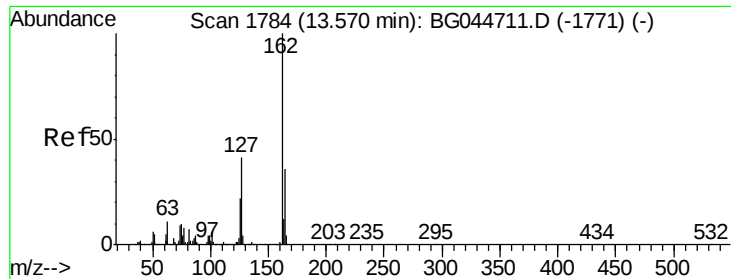
mohammad
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#46
1,1'-Biphenyl
Concen: 37.626 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:154 Resp: 848974
Ion Ratio Lower Upper
154 100
153 42.3 22.0 62.0
76 14.8 0.0 34.2





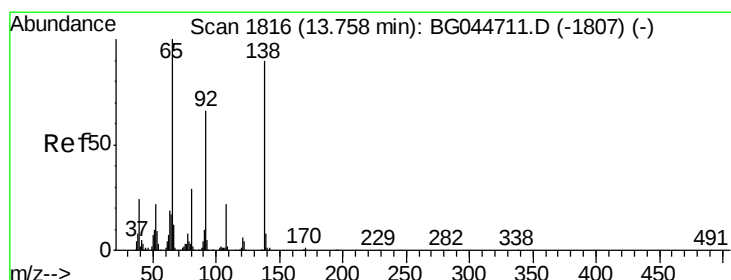
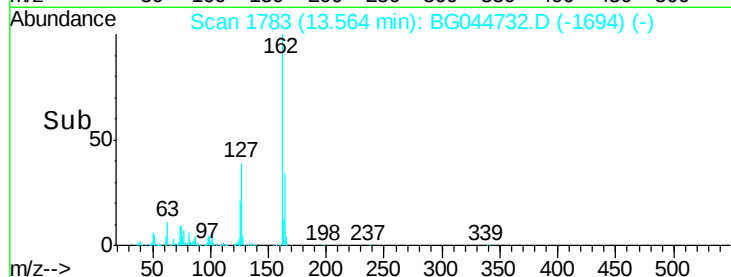
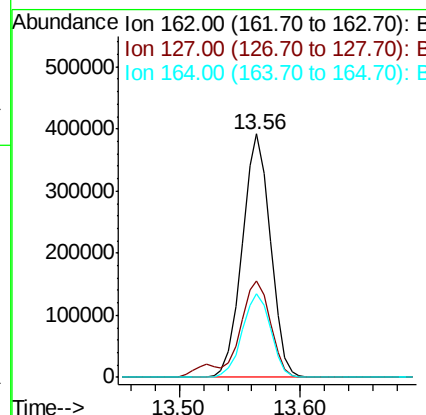
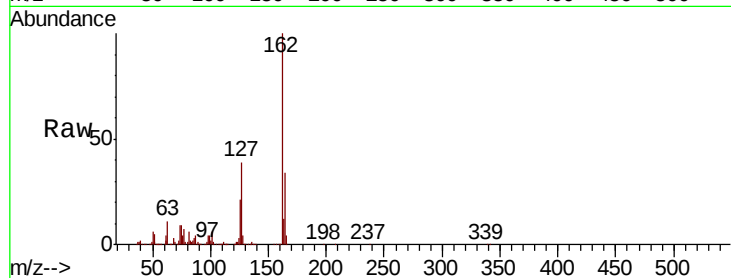
#47
2-Chloronaphthalene
Concen: 37.027 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	48.8
164	34.4	29.0	43.4

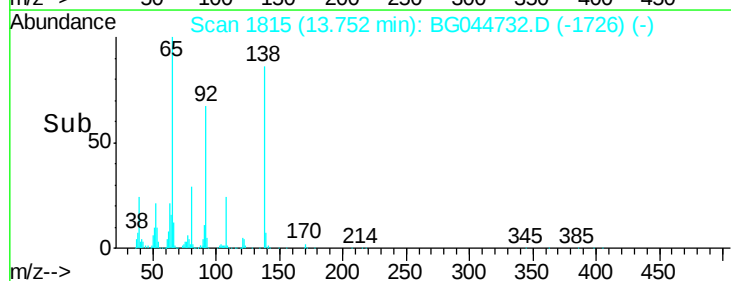
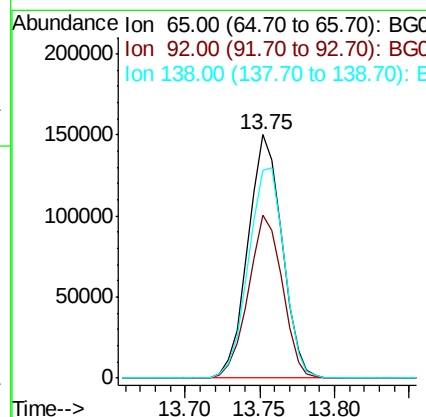
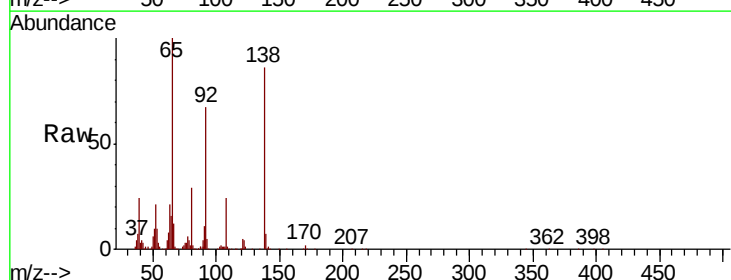
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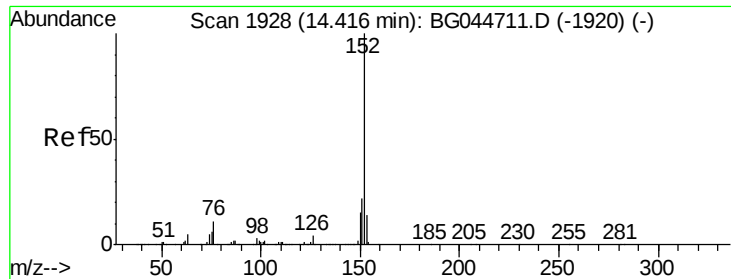
mohammad
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#48
2-Nitroaniline
Concen: 39.346 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	52.6	79.0
138	85.5	71.8	107.6





#49

Acenaphthylene

Concen: 39.569 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:152 Resp: 1068496

Ion Ratio Lower Upper

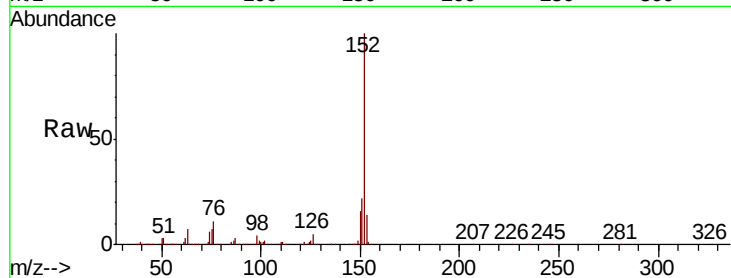
152 100

151 21.9 17.8 26.8

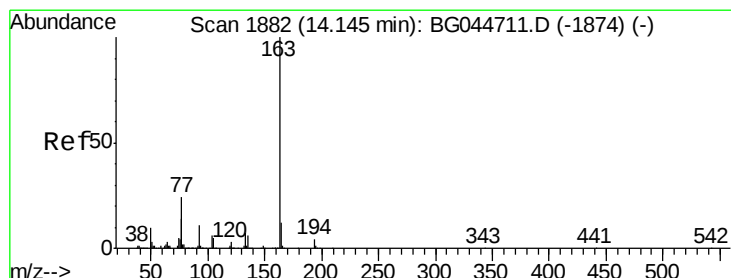
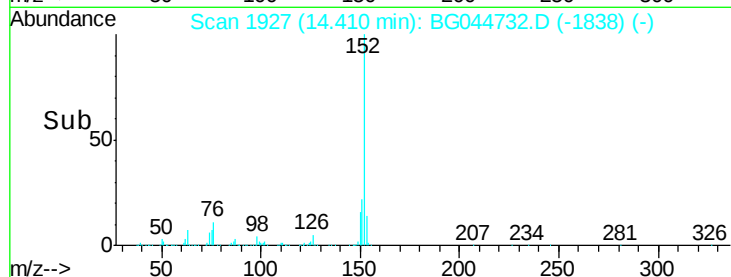
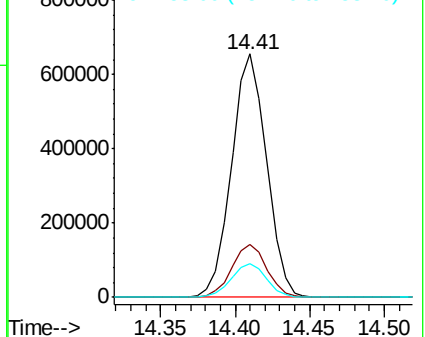
153 13.7 11.4 17.0

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



#50

Dimethylphthalate

Concen: 42.089 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

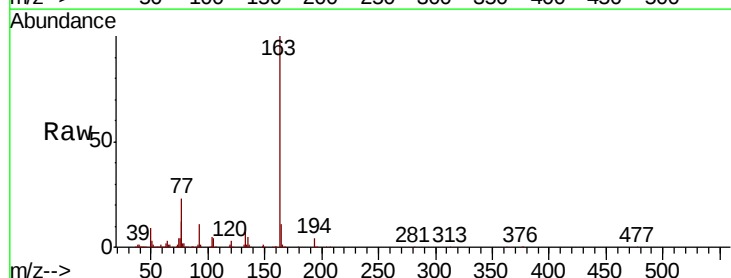
Tgt Ion:163 Resp: 946505

Ion Ratio Lower Upper

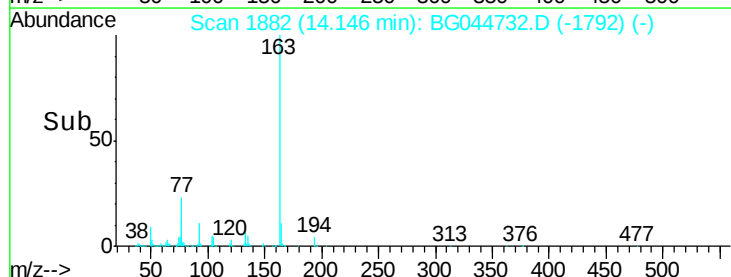
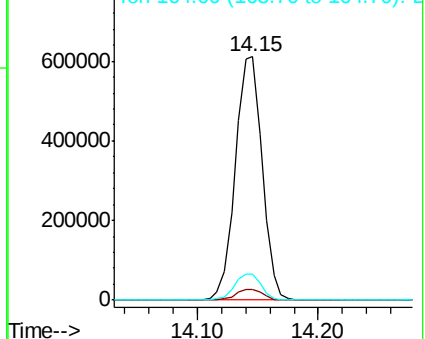
163 100

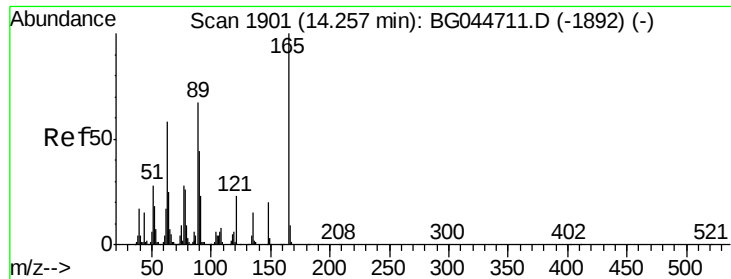
194 4.3 3.5 5.3

164 10.6 9.2 13.8



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





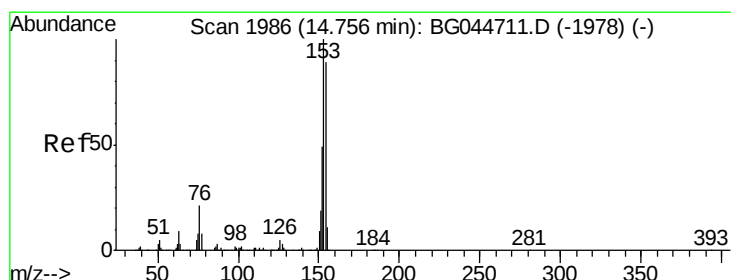
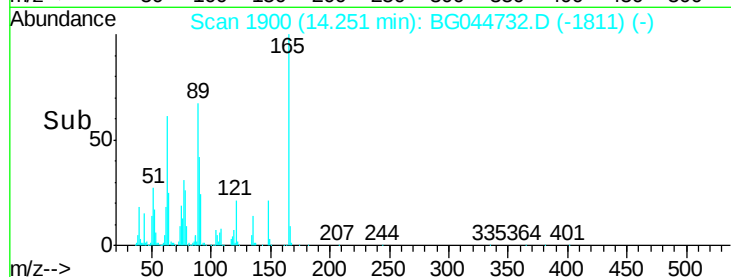
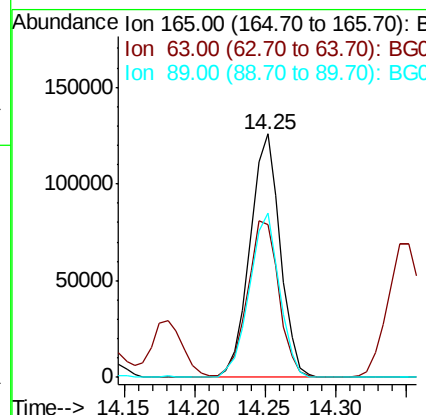
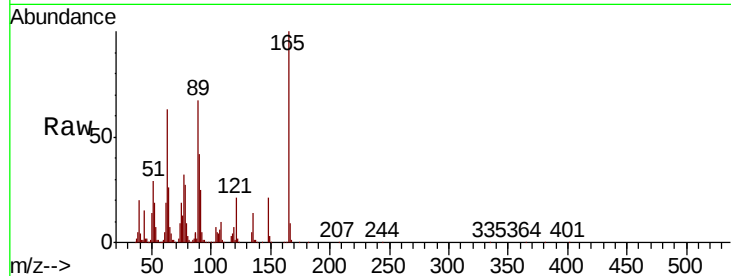
#51
2,6-Dinitrotoluene
Concen: 41.707 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.9	48.9	73.3
89	67.4	53.8	80.8

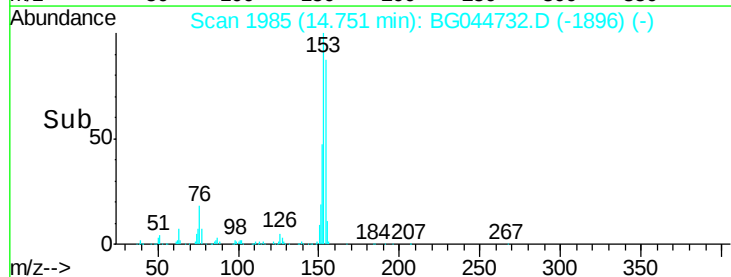
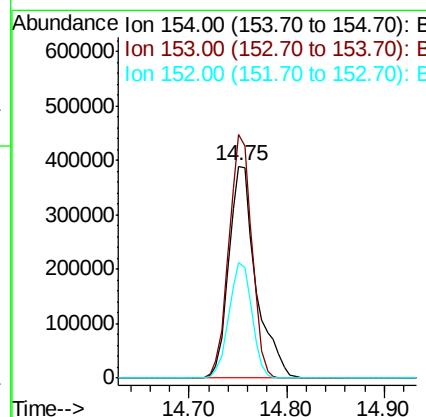
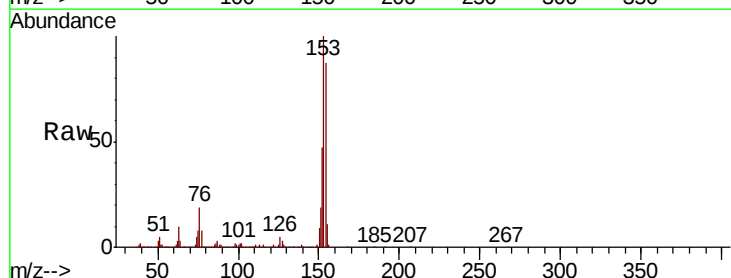
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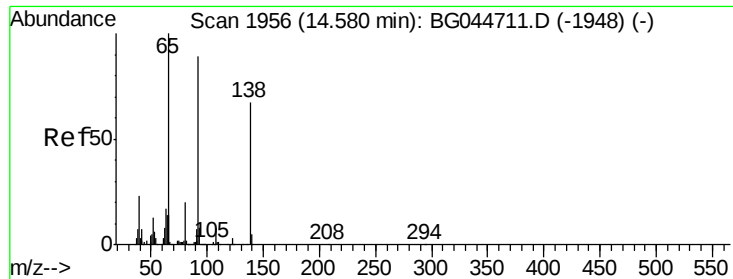
mohammad
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#52
Acenaphthene
Concen: 42.598 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.8	134.8
152	54.2	44.4	66.6





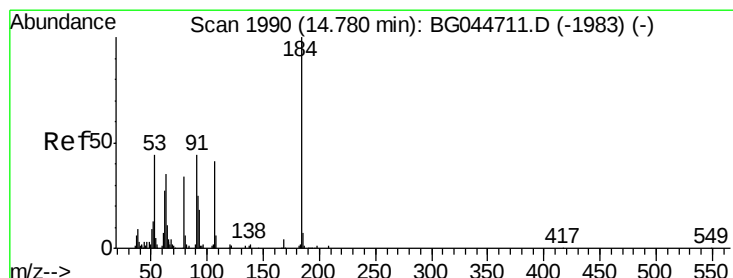
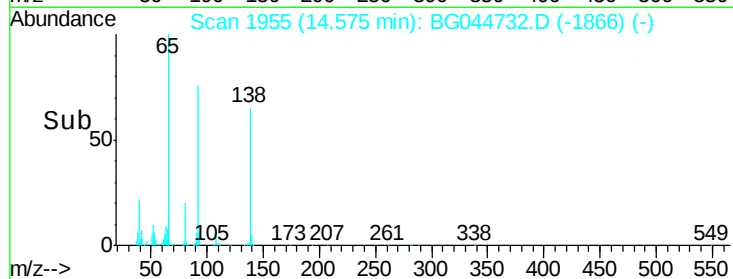
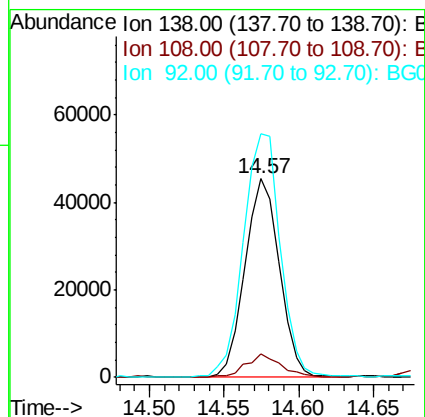
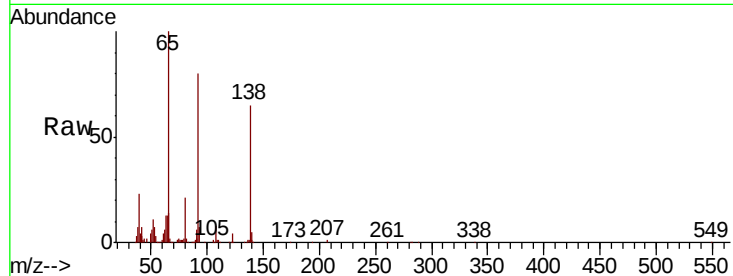
#53
 3-Nitroaniline
 Concen: 13.964 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.2	13.8
92	122.6	105.6	158.4

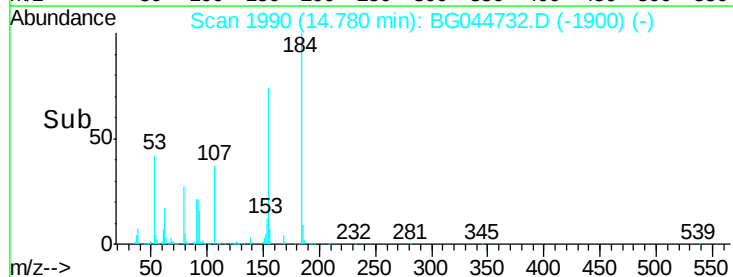
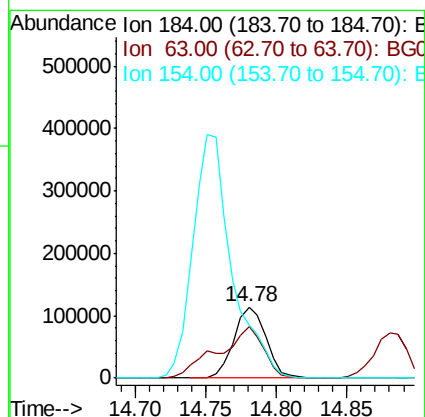
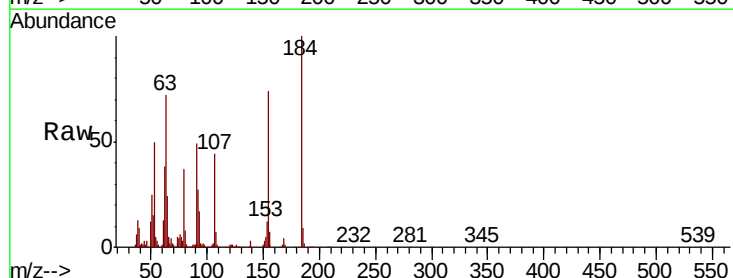
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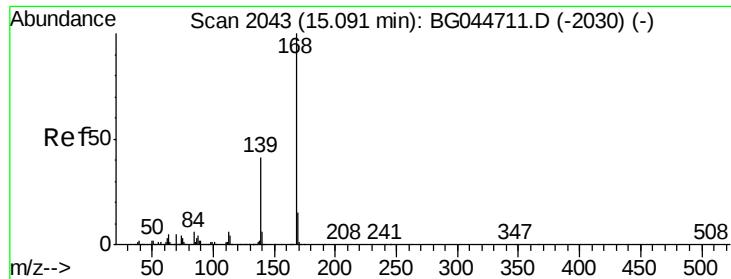
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 77.084 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG044732.D
 Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	49.0	73.6
154	74.0	94.5	141.7#





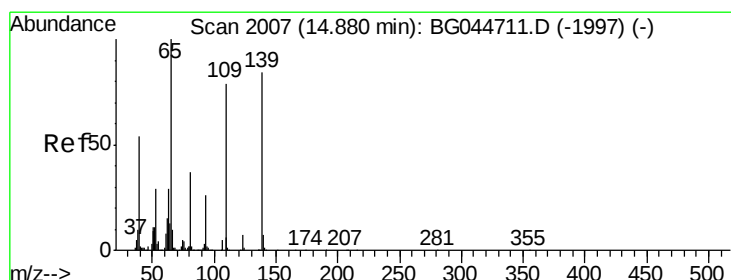
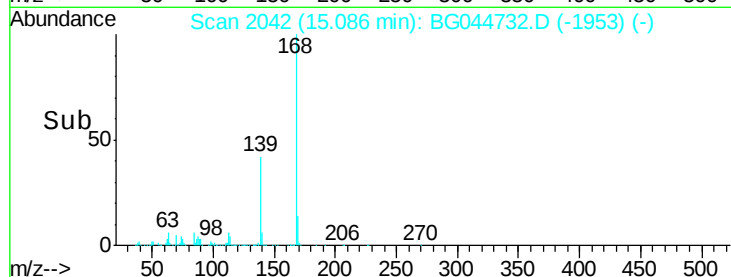
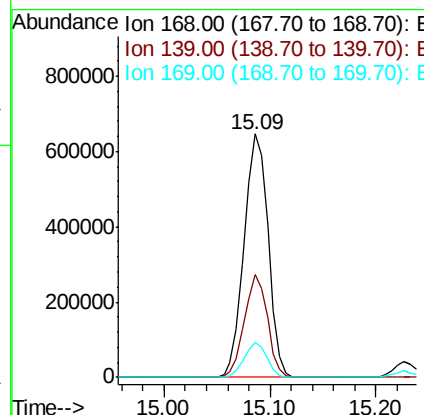
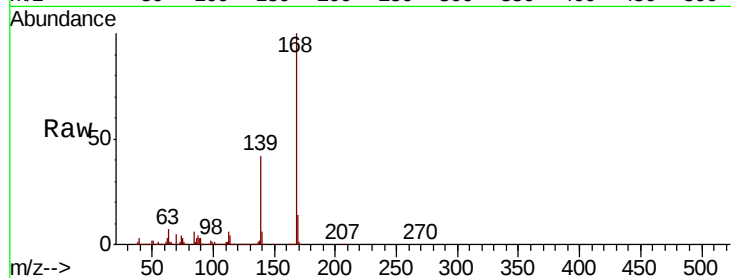
#55
Dibenzenofuran
Concen: 39.618 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	32.6	49.0
169	14.2	11.8	17.6

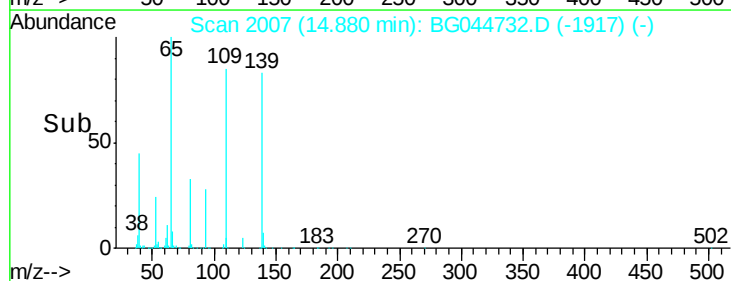
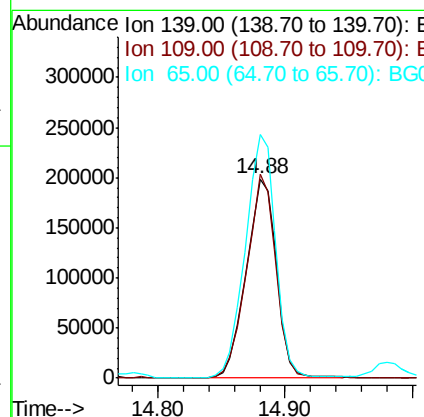
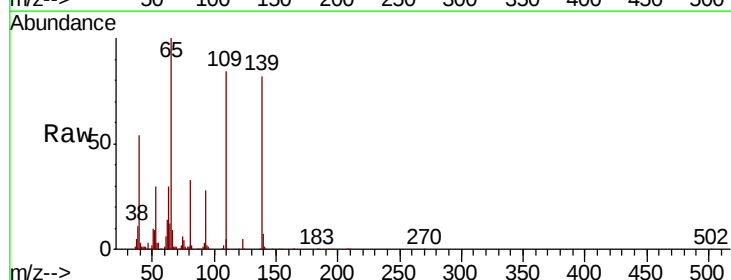
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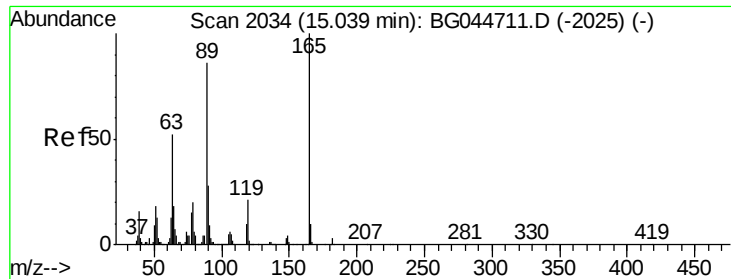
mohammad
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#56
4-Nitrophenol
Concen: 82.808 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.4	74.1	114.1
65	122.3	98.6	138.6





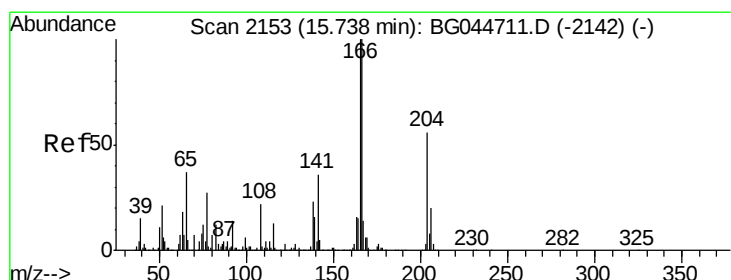
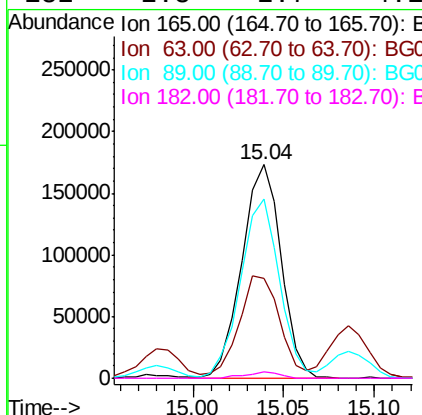
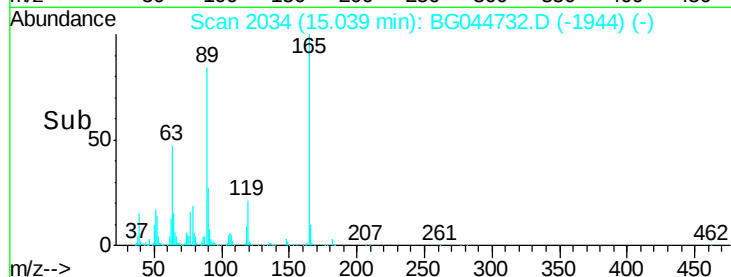
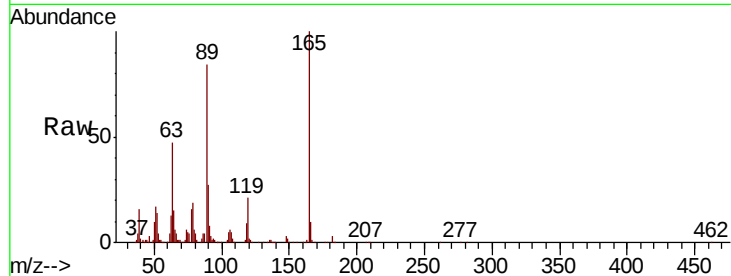
#57
2,4-Dinitrotoluene
Concen: 42.061 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		261487		
63	47.0		41.5	62.3	
89	83.6		69.0	103.4	
182	2.8		2.7	4.1	

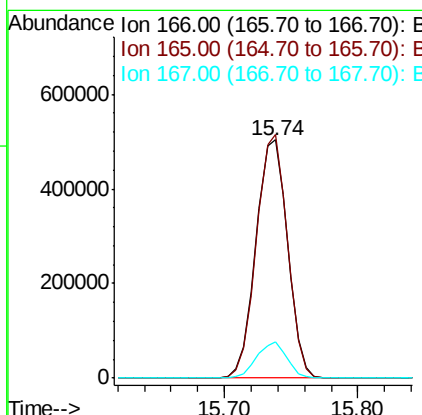
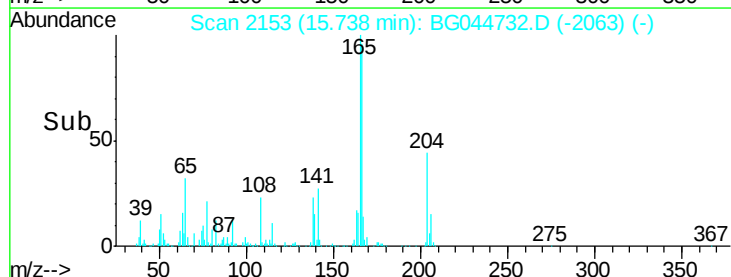
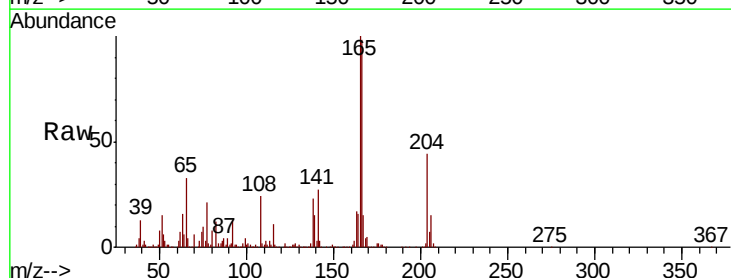
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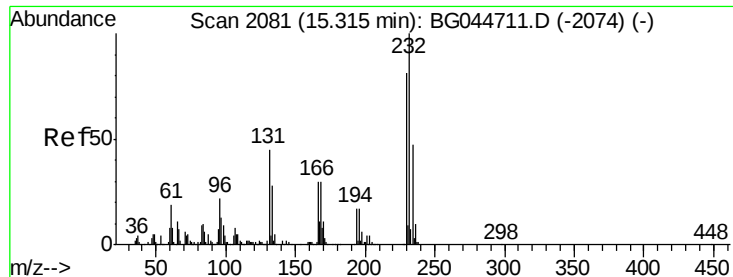
mohammad
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#58
Fluorene
Concen: 39.026 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		823310		
165	102.2		79.6	119.4	
167	15.0		11.4	17.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.488 ng/ml

RT: 15.31 min Scan# 2080

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:232 Resp: 250348

Ion Ratio Lower Upper

232 100

131 39.6 32.4 48.6

130 2.6 2.0 3.0

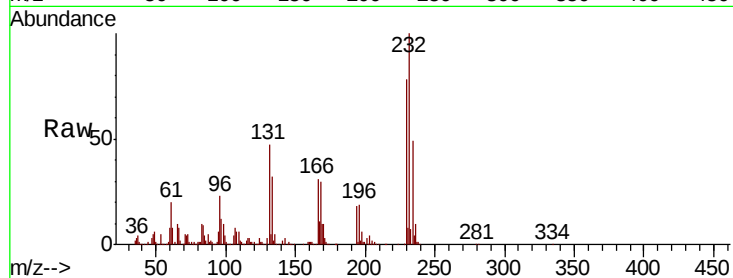
166 25.4 20.5 30.7

Manual Integrations

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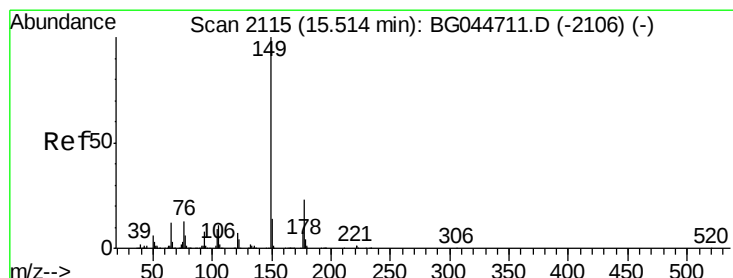
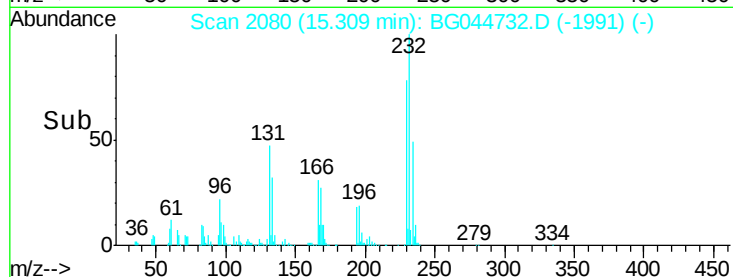
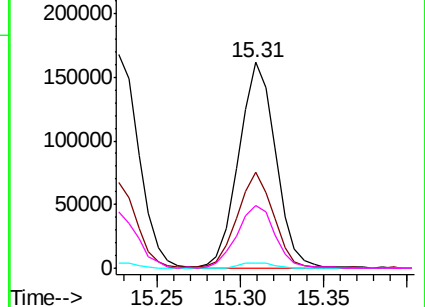


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.175 ng/ml

RT: 15.51 min Scan# 2114

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

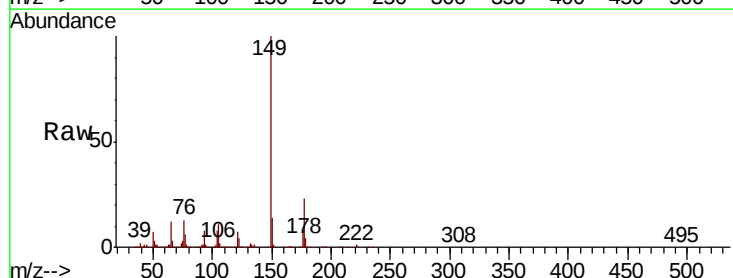
Tgt Ion:149 Resp: 895407

Ion Ratio Lower Upper

149 100

177 22.8 18.8 28.2

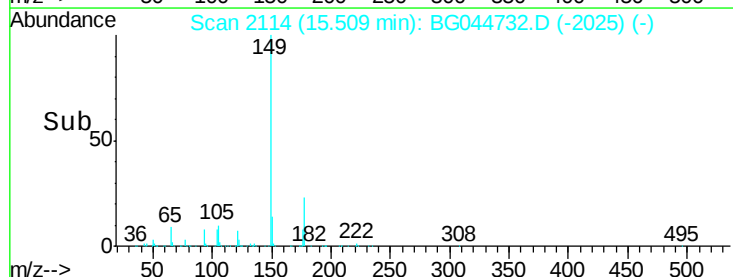
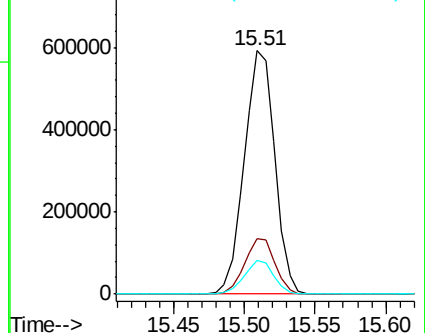
150 14.0 11.2 16.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





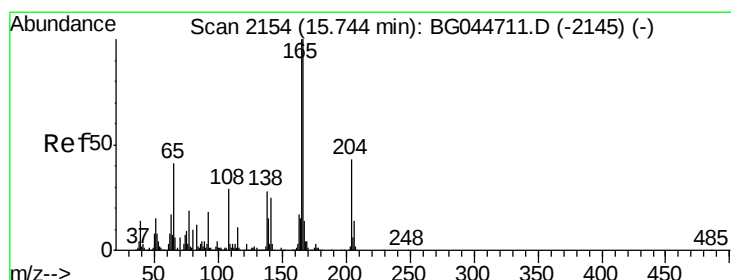
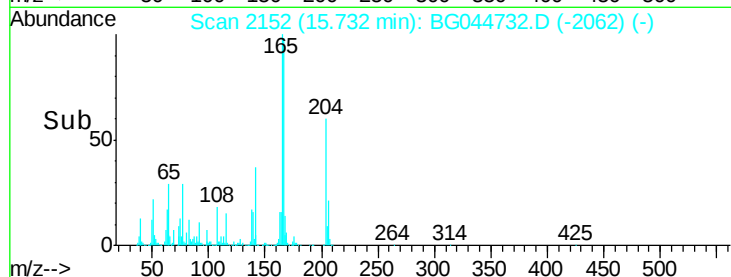
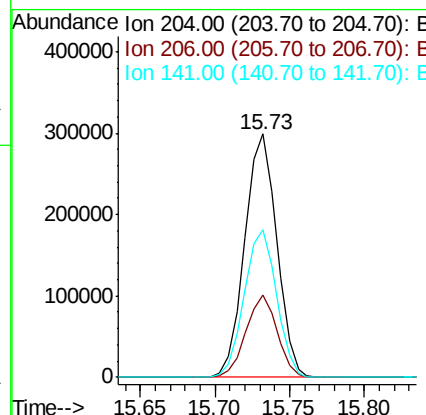
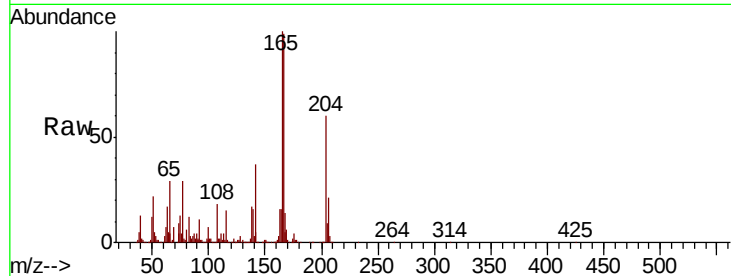
#61
4-Chlorophenyl-phenylether
Concen: 39.098 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	444136		
206	33.9	25.8	38.6	
141	60.6	50.8	76.2	

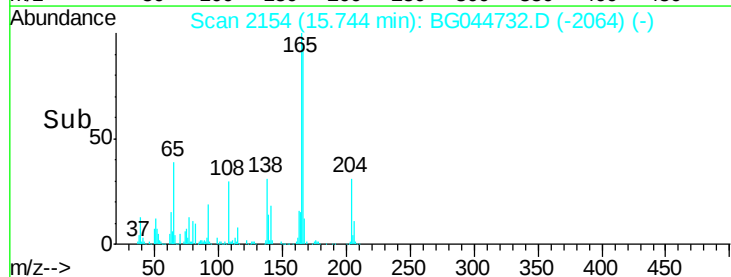
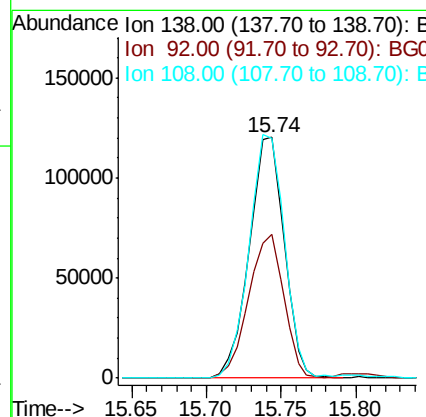
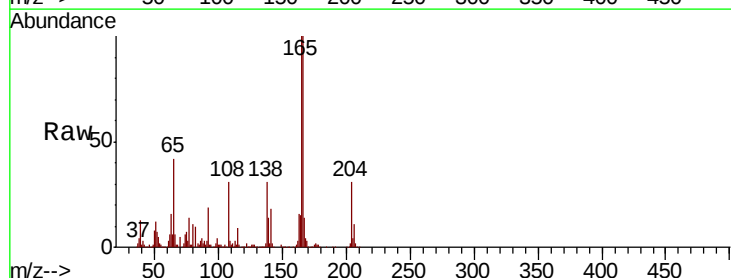
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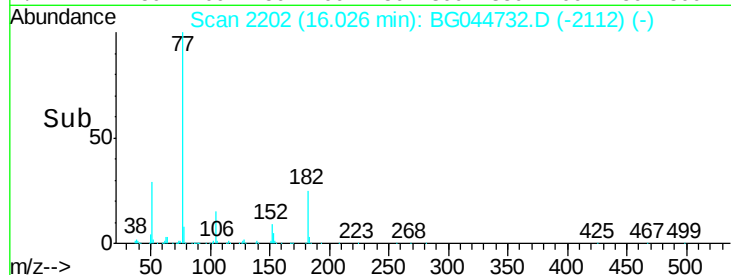
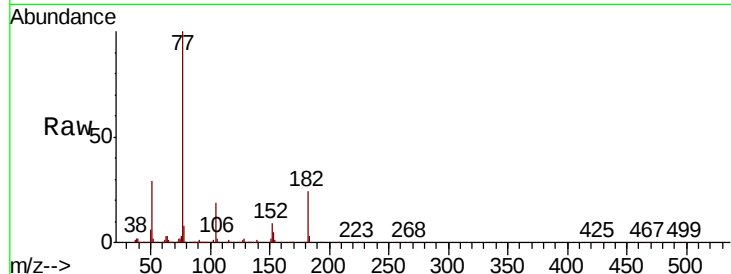
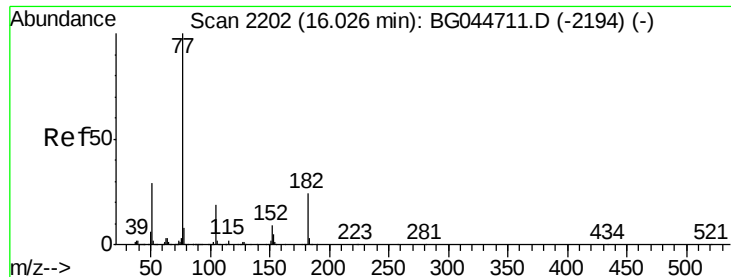
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#62
4-Nitroaniline
Concen: 35.146 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	195310		
92	60.0	42.1	82.1	
108	99.8	81.2	121.2	





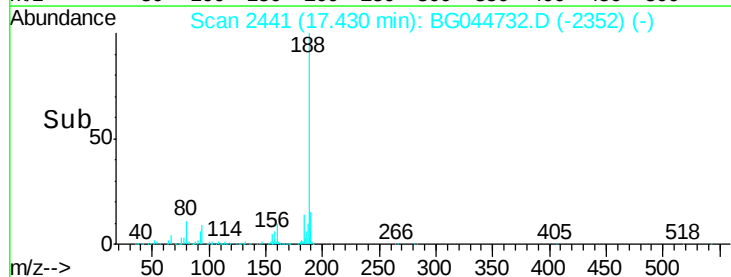
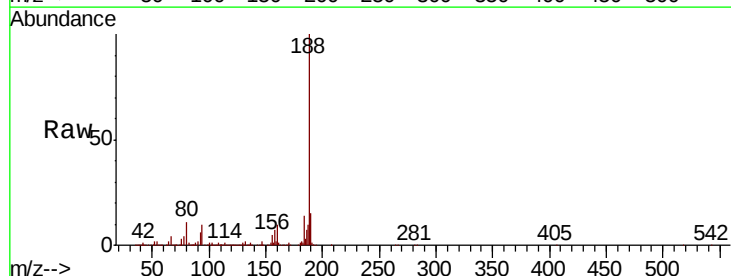
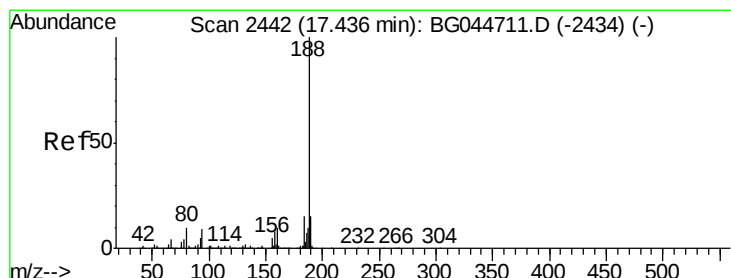
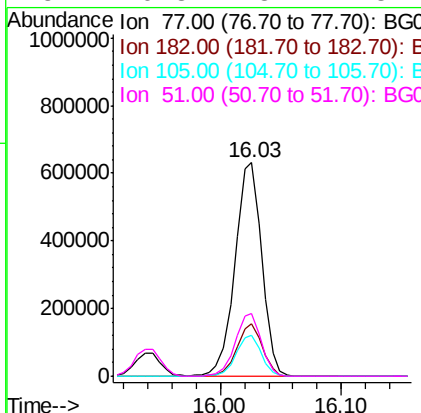
#63
Azobenzene
Concen: 40.142 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	3.6	43.6
105	19.1	0.0	39.3
51	29.3	8.7	48.7

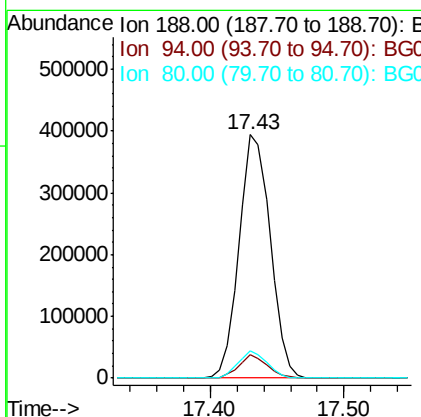
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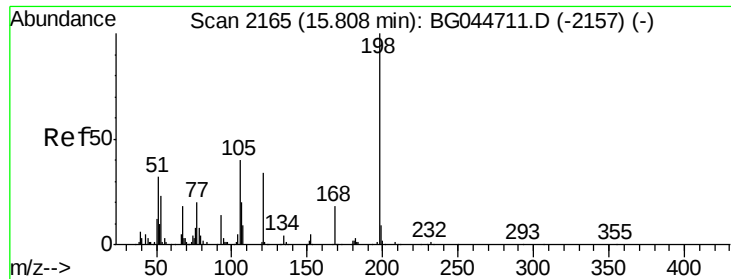
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	11.3	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.525 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

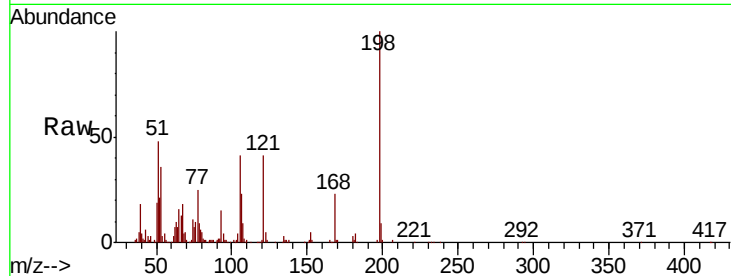
ClientSampleId :

TP-1MS

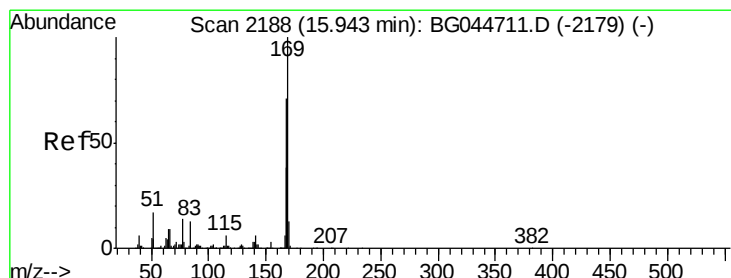
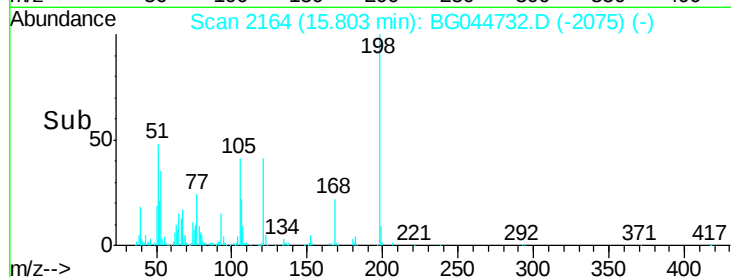
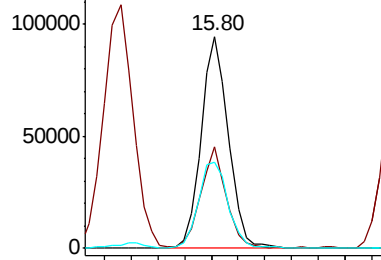
Tot Ion:	198	Resp:	134685
Ion Ratio	Lower	Upper	
198	100		
51	47.9	20.1	60.1
105	40.8	21.3	61.3

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.528 ng

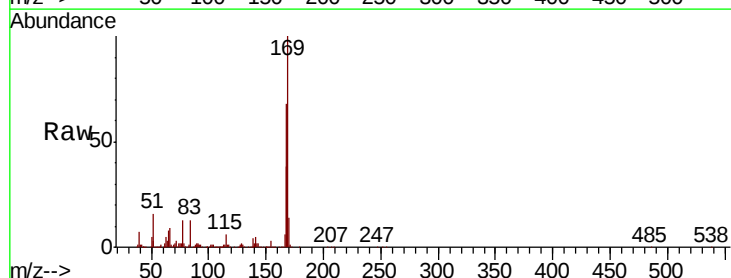
RT: 15.94 min Scan# 2188

Delta R.T. 0.00 min

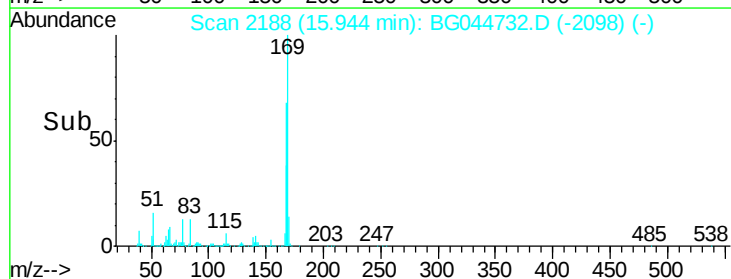
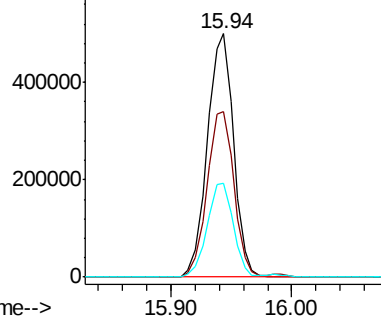
Lab File: BG044732.D

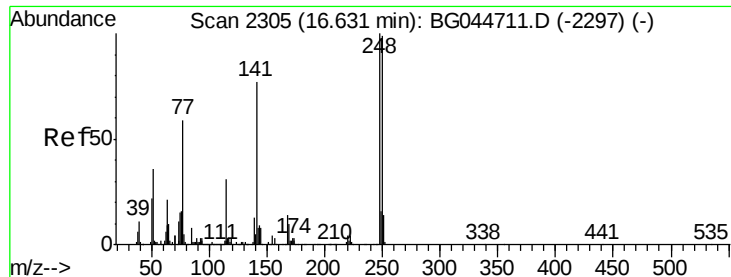
Acq: 12 Mar 2020 12:53

Tgt Ion:	169	Resp:	756051
Ion Ratio	Lower	Upper	
169	100		
168	67.9	56.6	85.0
167	38.3	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 38.127 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

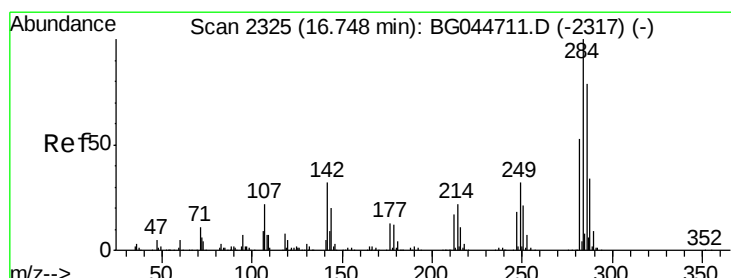
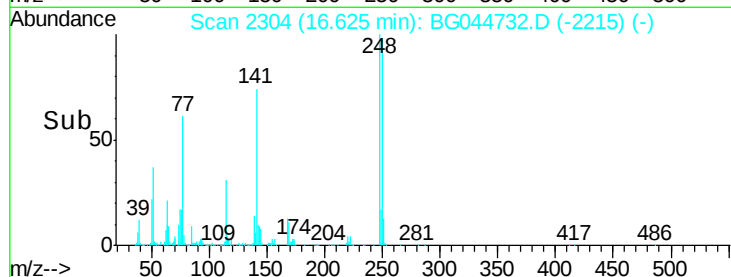
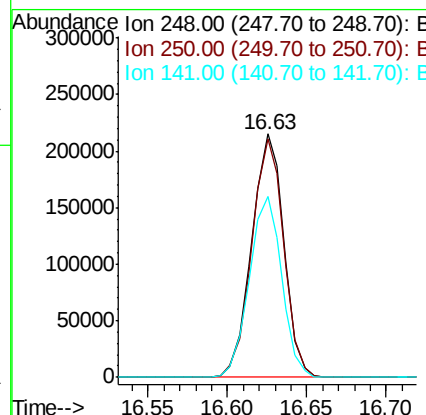
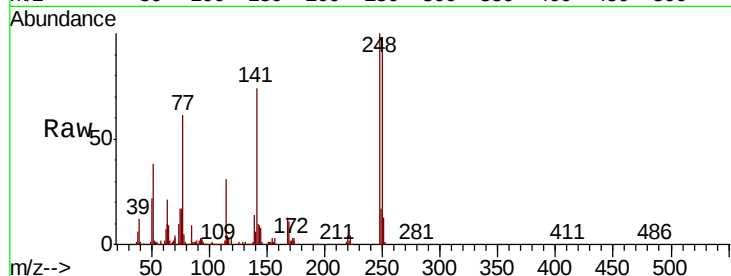
ClientSampled :

TP-1MS

Tot Ion:	248	Resp:	302815
Ion Ratio	Lower	Upper	
248	100		
250	98.1	79.4	119.0
141	74.1	61.7	92.5

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#68

Hexachlorobenzene

Concen: 37.471 ng

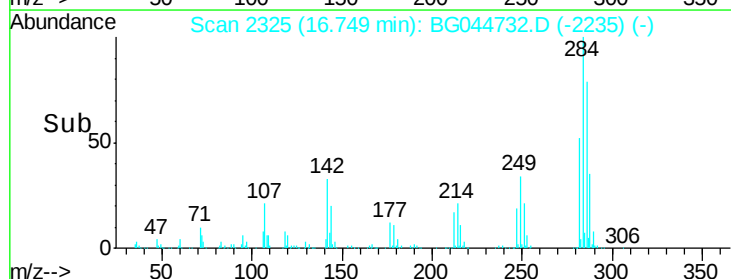
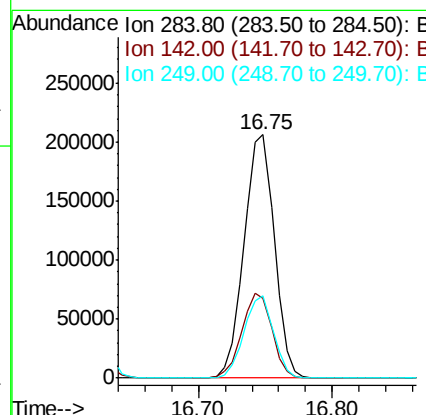
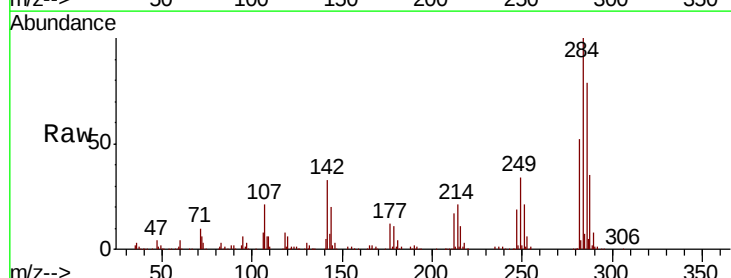
RT: 16.75 min Scan# 2325

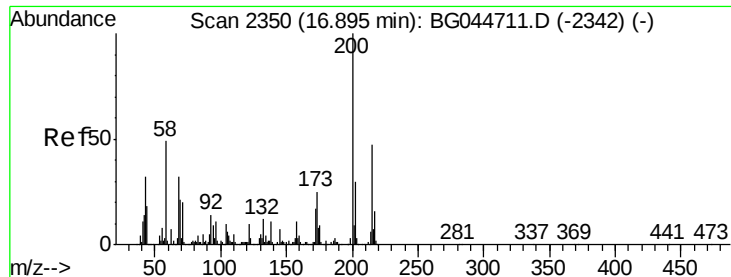
Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Tgt Ion:	284	Resp:	322869
Ion Ratio	Lower	Upper	
284	100		
142	32.5	25.6	38.4
249	33.7	25.8	38.6





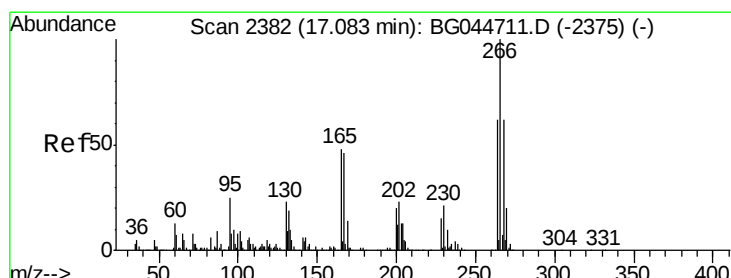
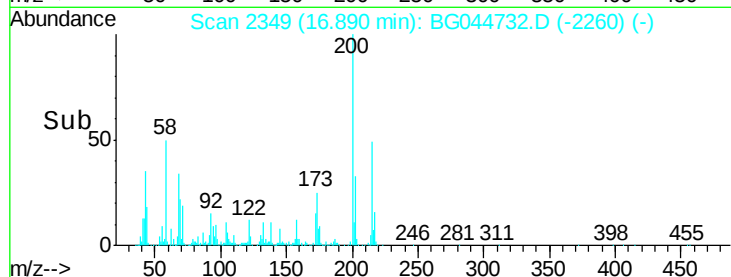
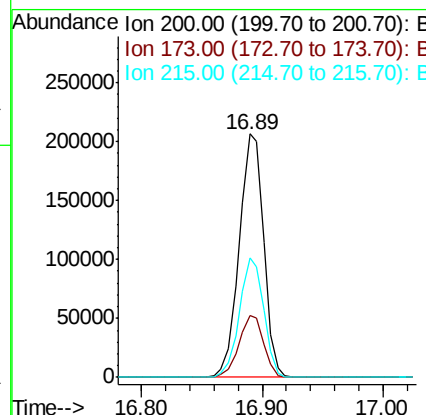
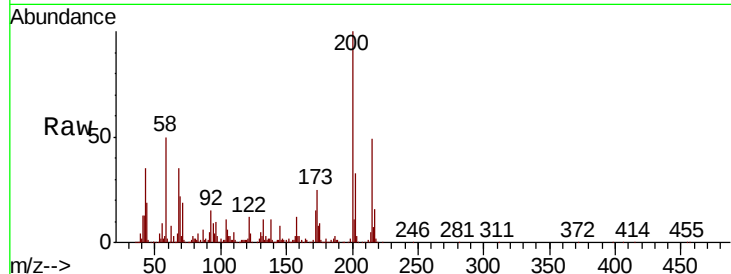
#69
Atrazine
Concen: 41.623 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.8	44.8
215	49.3	27.4	67.4

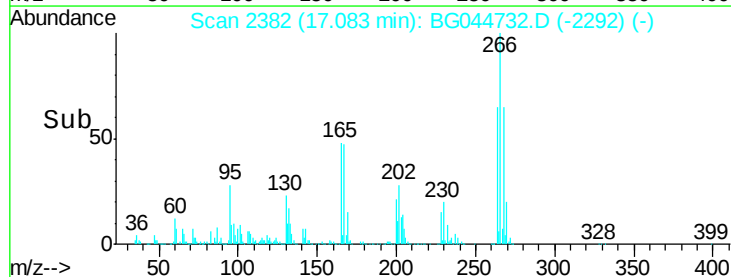
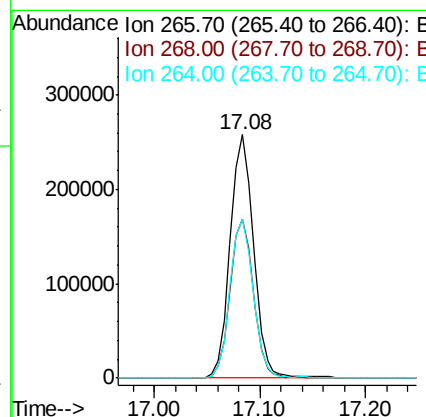
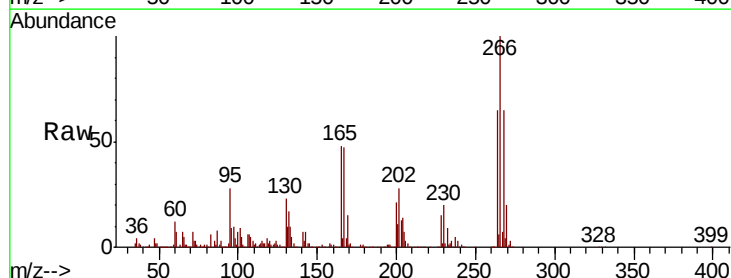
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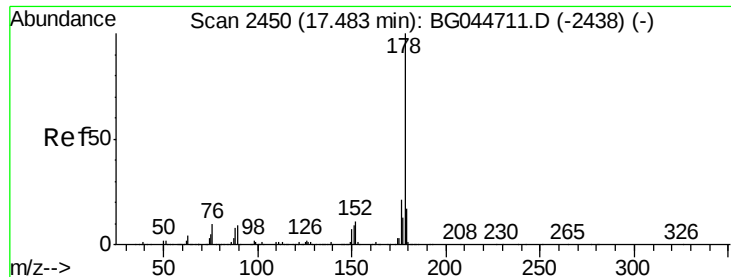
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#70
Pentachlorophenol
Concen: 83.542 ng
RT: 17.08 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.9	74.9
264	65.2	49.9	74.9





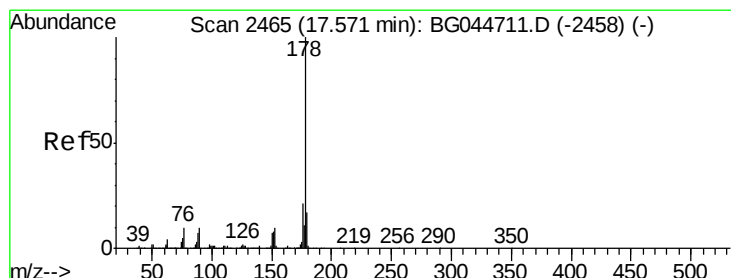
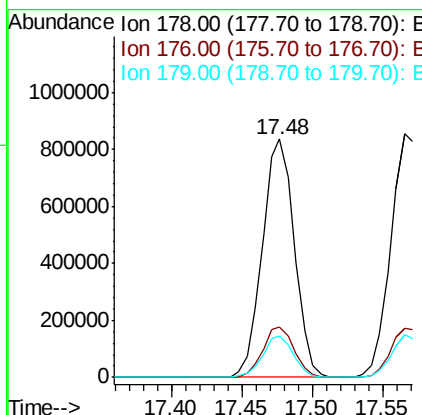
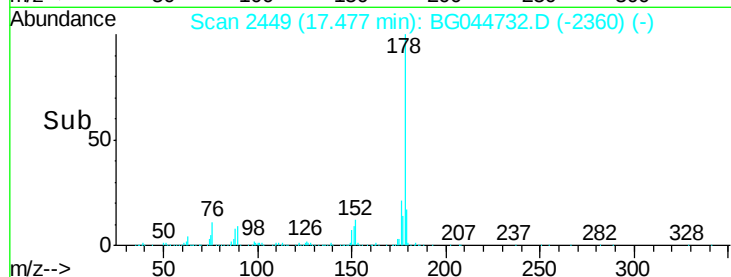
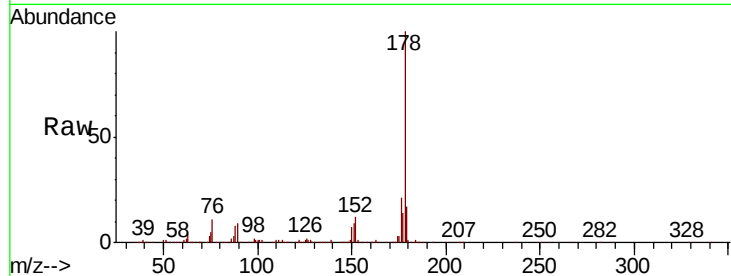
#71
Phenanthrene
Concen: 39.212 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion:178 Resp: 1331240
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.6
179 17.3 13.7 20.5

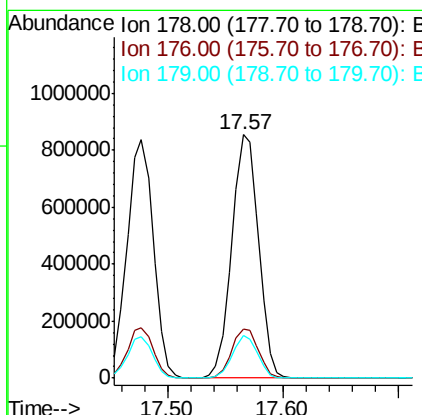
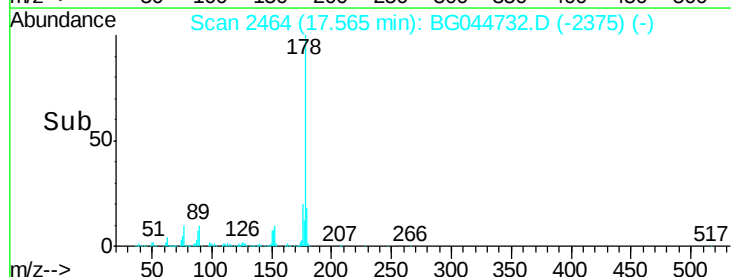
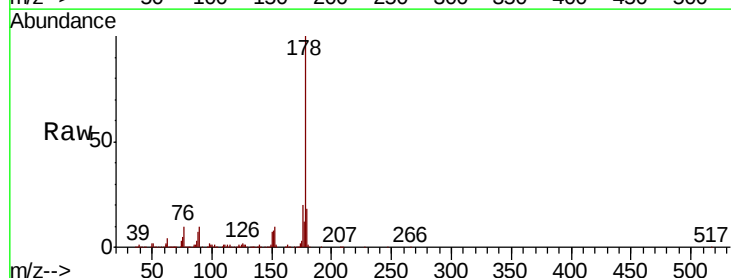
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#72
Anthracene
Concen: 40.910 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion:178 Resp: 1369520
Ion Ratio Lower Upper
178 100
176 20.3 17.0 25.6
179 17.6 13.8 20.8





#73

Carbazole

Concen: 39.948 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampled :

TP-1MS

Tot Ion:167 Resp: 1284599

Ion Ratio Lower Upper

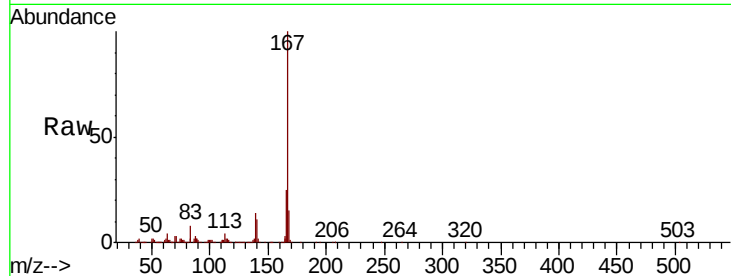
167 100

166 25.2 19.6 29.4

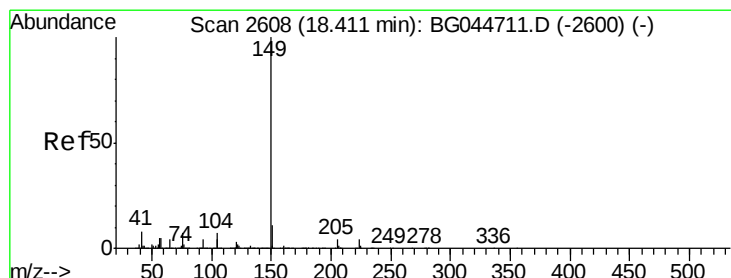
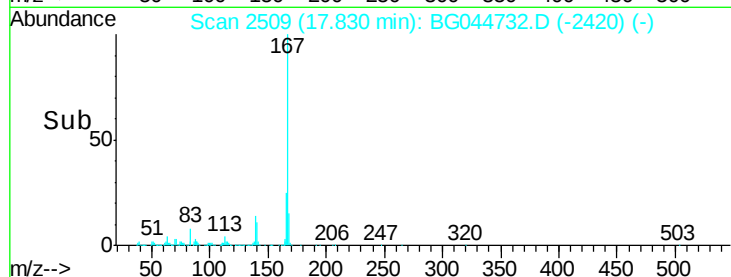
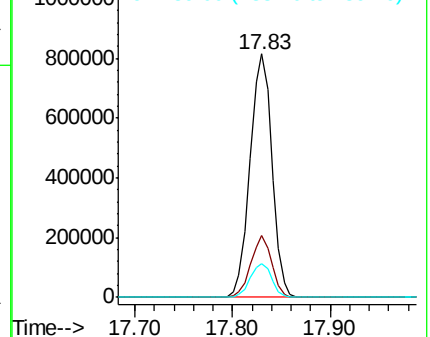
139 13.8 11.4 17.2

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



#74

Di-n-butylphthalate

Concen: 38.996 ng

RT: 18.41 min Scan# 2607

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

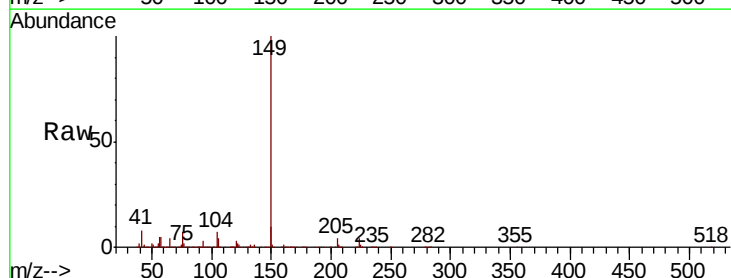
Tgt Ion:149 Resp: 1524345

Ion Ratio Lower Upper

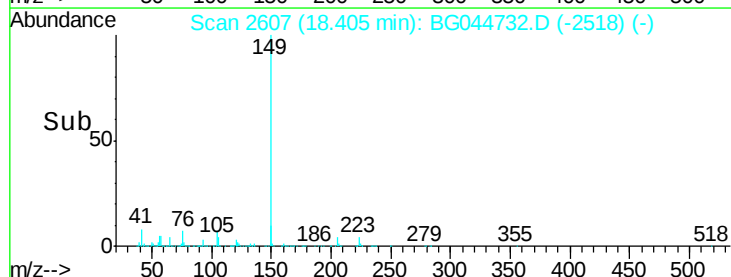
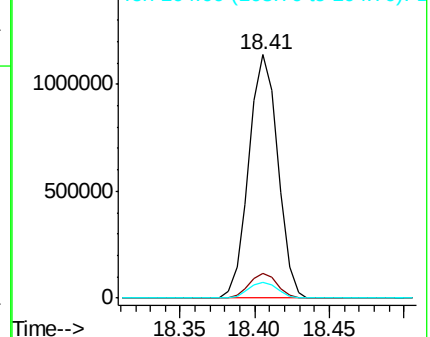
149 100

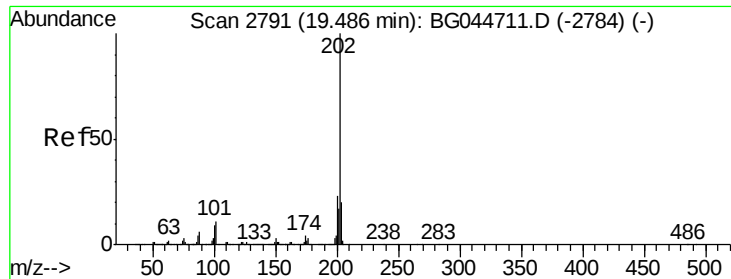
150 10.4 8.4 12.6

104 6.7 5.6 8.4



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: 39.944 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

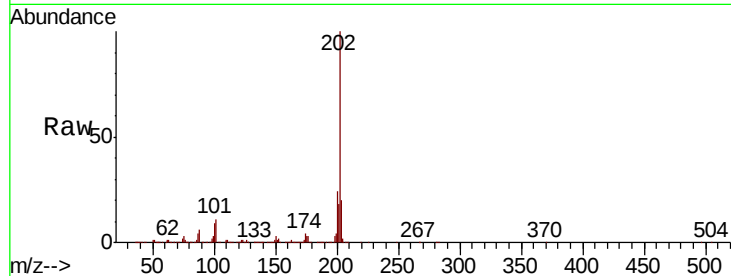
ClientSampleId :

TP-1MS

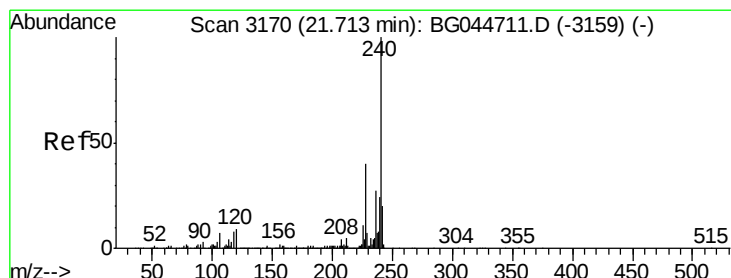
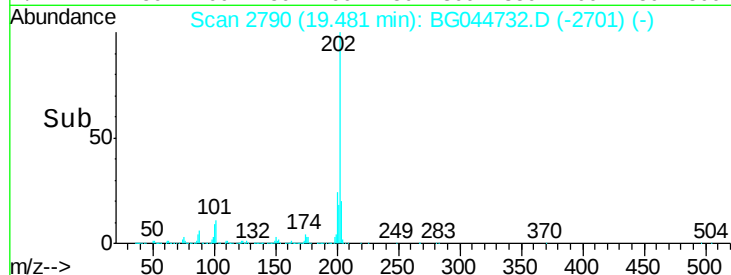
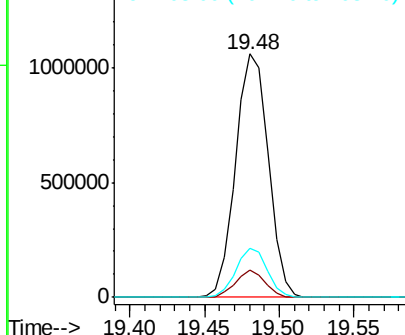
Tot Ion:	202	Resp:	1614643
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.3
203	20.3	0.4	40.4

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



#76

Chrysene-d12

Concen: 20.000 ng

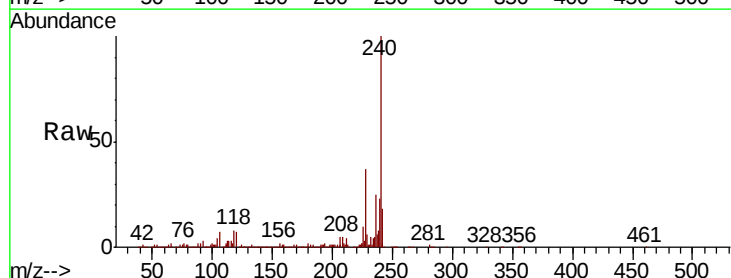
RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

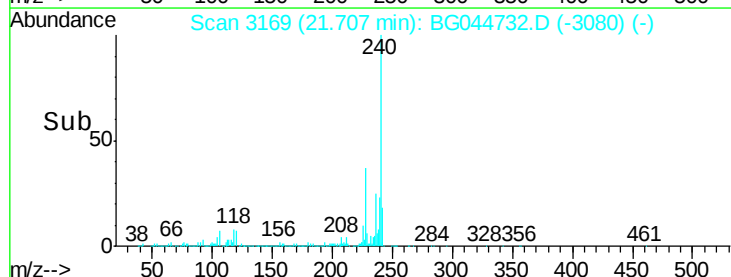
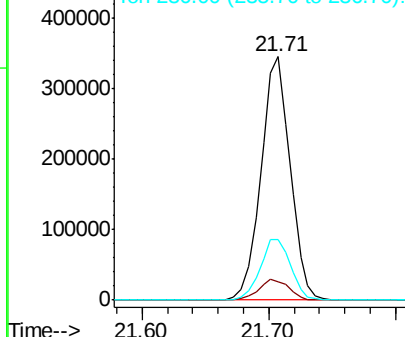
Lab File: BG044732.D

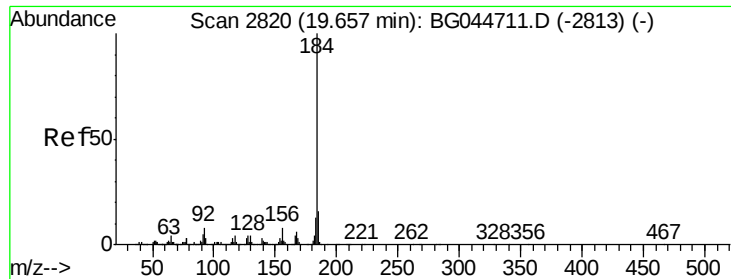
Acq: 12 Mar 2020 12:53

Tgt Ion:	240	Resp:	550679
Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.9	10.3
236	25.1	21.9	32.9



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





#77

Benzidine

Concen: 31.436 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

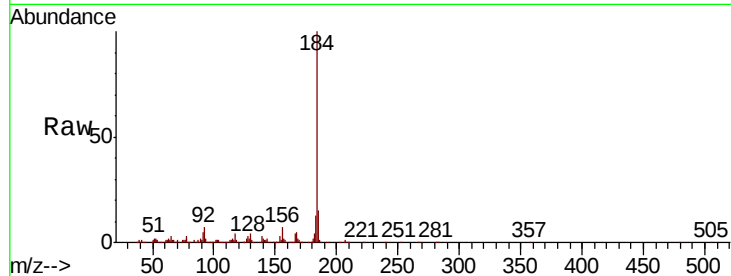
ClientSampled :

TP-1MS

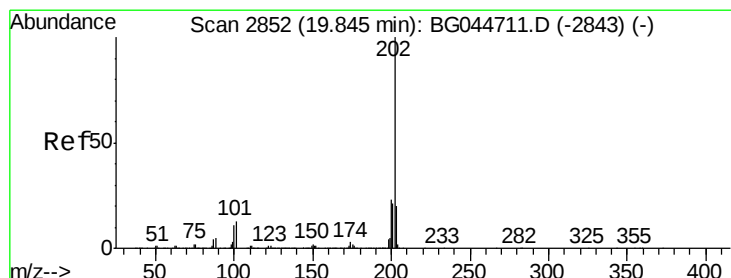
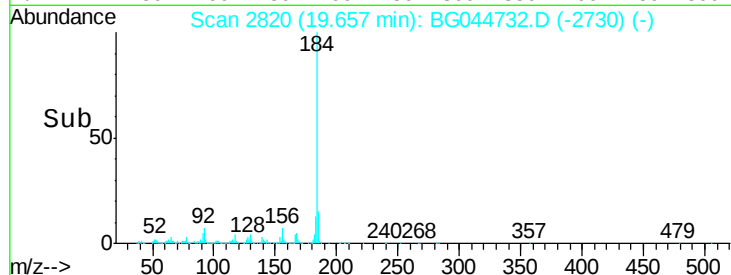
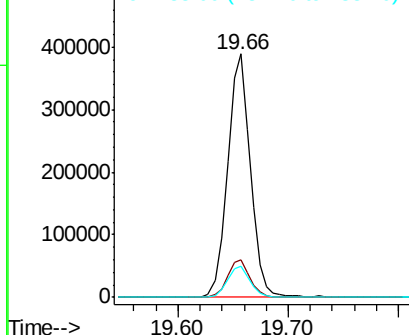
Tot Ion:	184	Resp:	561980
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.9	19.3
183	12.9	10.6	15.8

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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: 40.278 ng

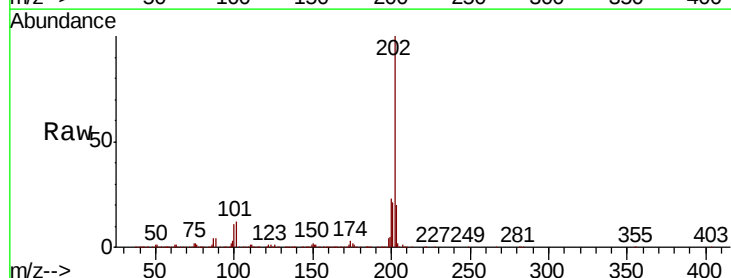
RT: 19.84 min Scan# 2852

Delta R.T. 0.00 min

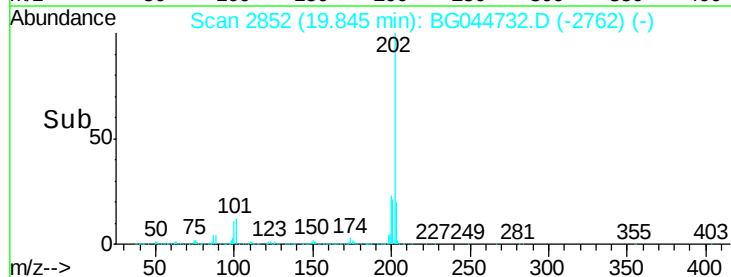
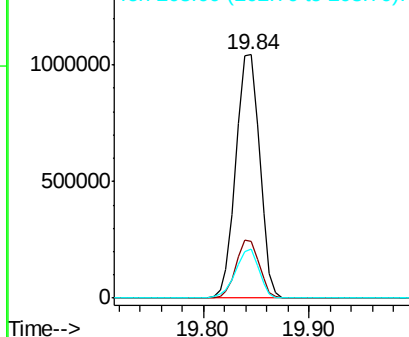
Lab File: BG044732.D

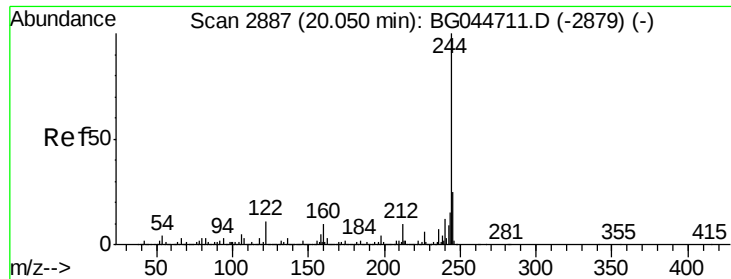
Acq: 12 Mar 2020 12:53

Tgt Ion:	202	Resp:	1627303
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.7	28.1
203	20.2	16.0	24.0



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: 67.727 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

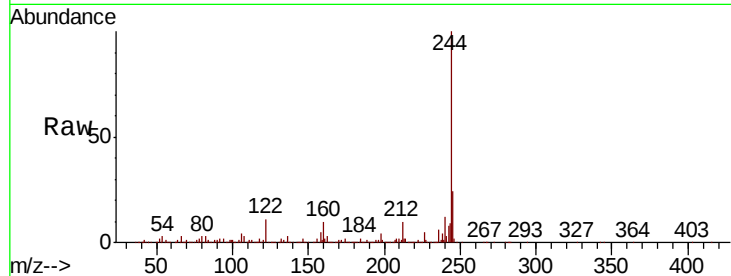
ClientSampleId :

TP-1MS

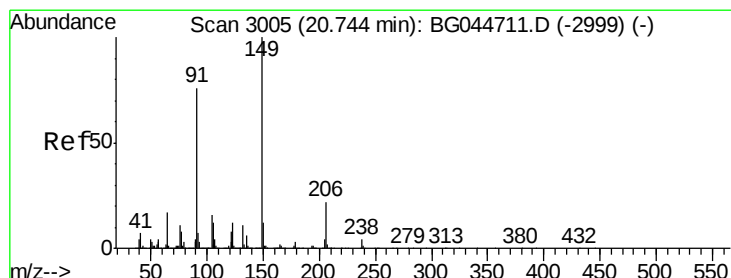
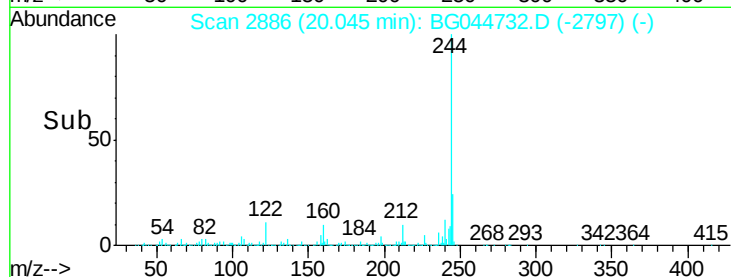
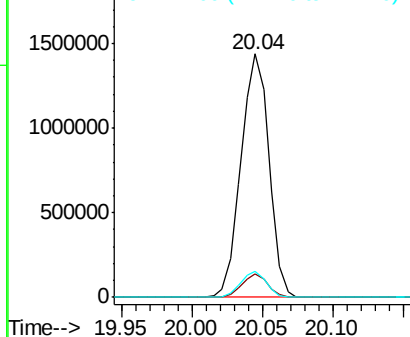
Tot Ion:	244	Resp:	1993842
Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.4	12.6
122	10.7	8.7	13.1

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



#80

Butylbenzylphthalate

Concen: 38.863 ng

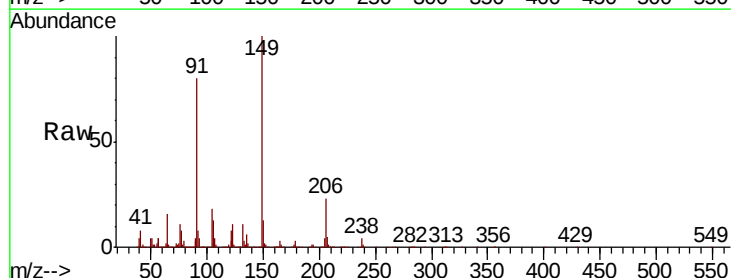
RT: 20.74 min Scan# 3004

Delta R.T. -0.01 min

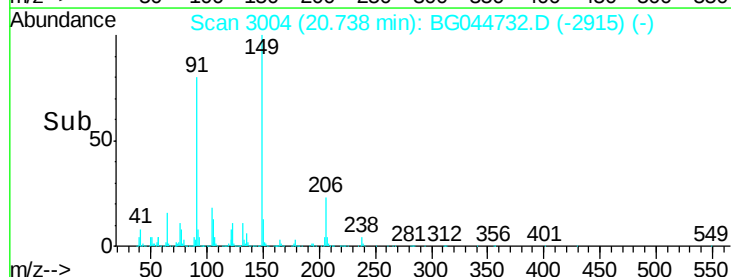
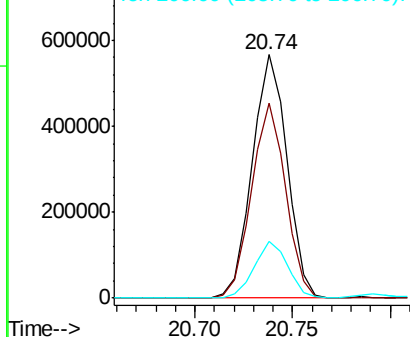
Lab File: BG044732.D

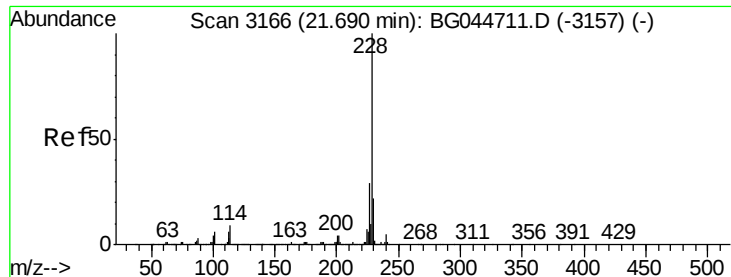
Acq: 12 Mar 2020 12:53

Tgt Ion:	149	Resp:	698511
Ion	Ratio	Lower	Upper
149	100		
91	80.1	61.1	91.7
206	23.1	17.4	26.2



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





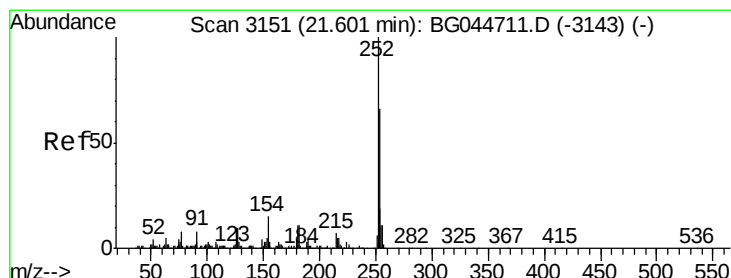
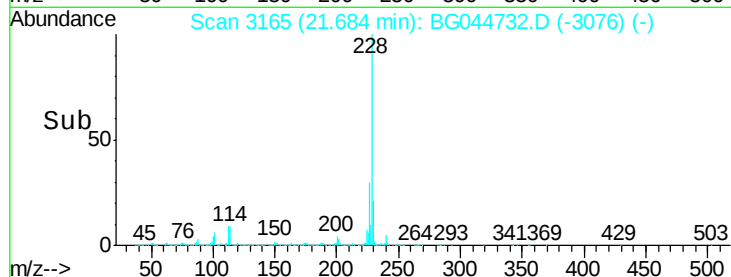
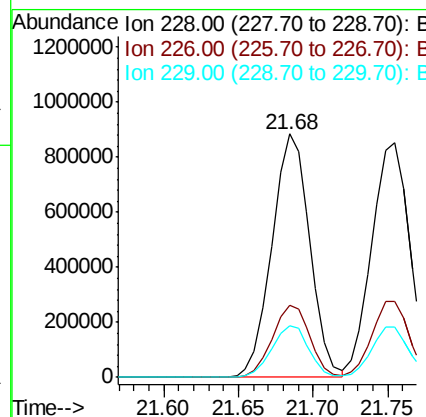
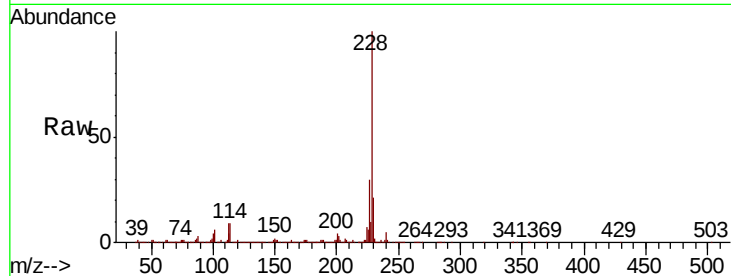
#81
Benzo(a)anthracene
Concen: 39.364 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	21.3	17.2	25.8

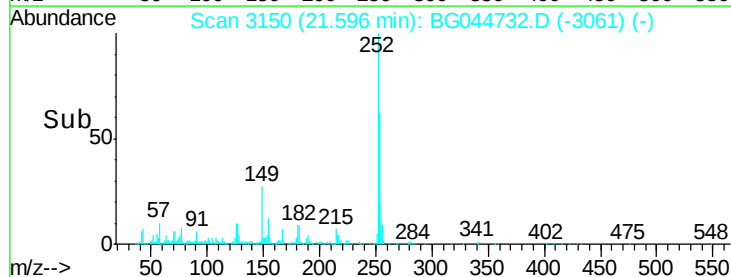
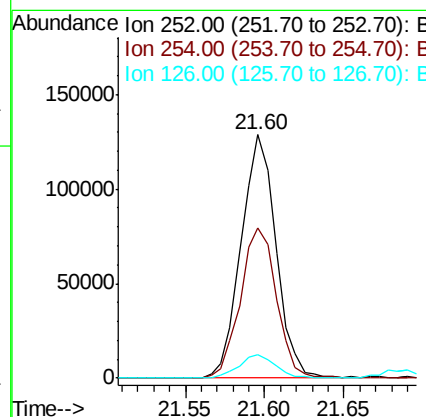
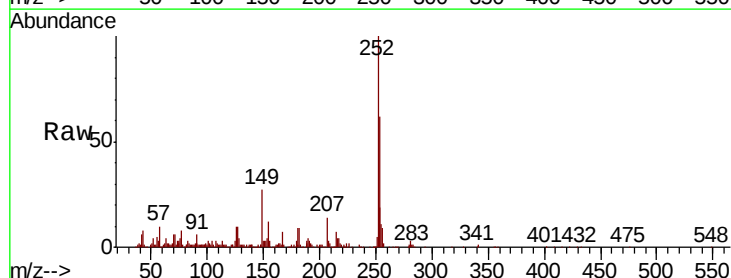
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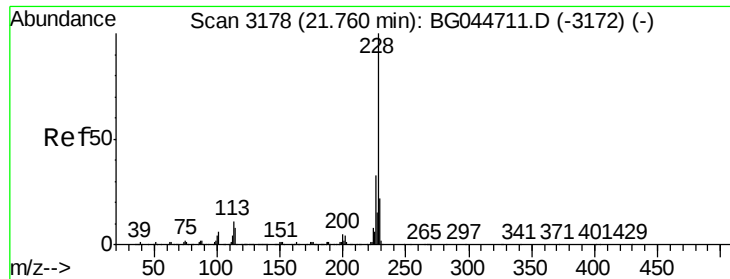
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#82
3,3'-Dichlorobenzidine
Concen: 12.819 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	53.0	79.4
126	9.8	8.2	12.4





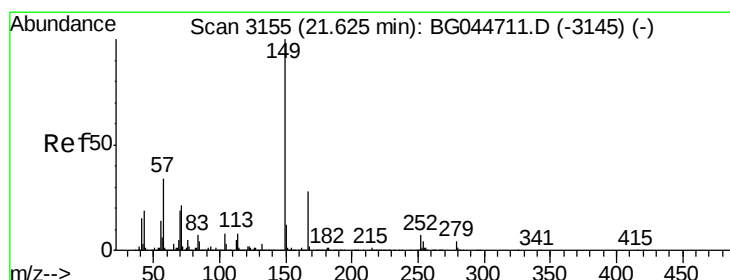
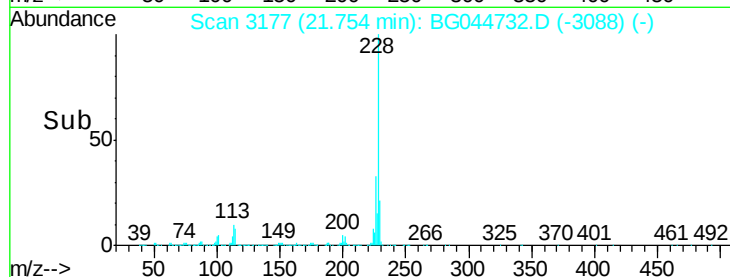
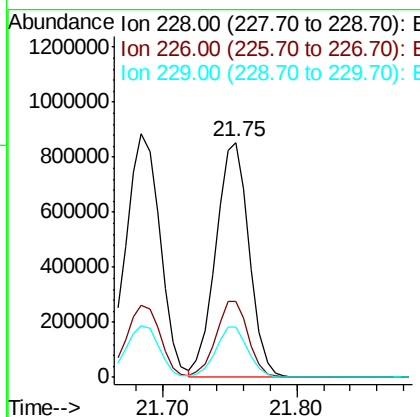
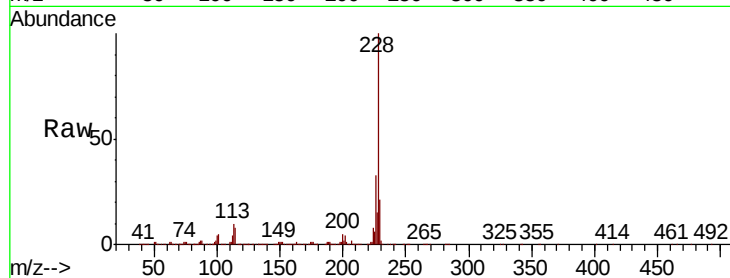
#83
Chrysene
Concen: 39.268 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.1	39.1
229	21.4	17.4	26.0

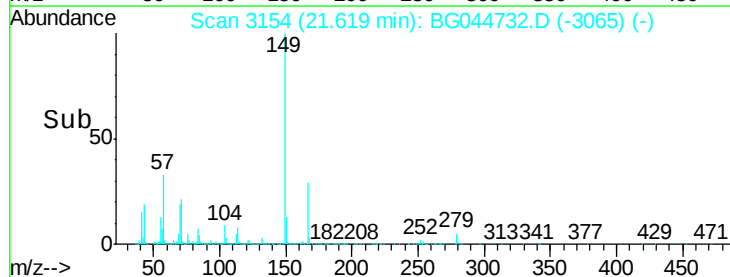
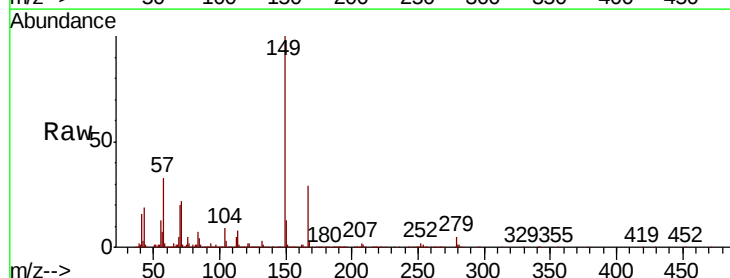
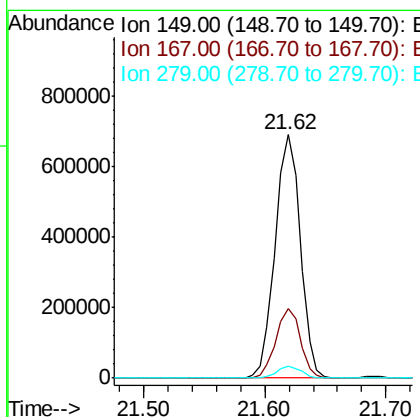
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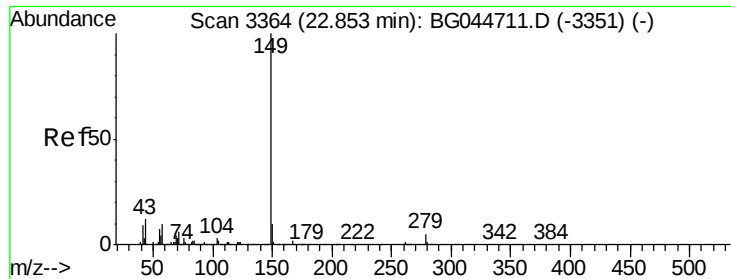
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.999 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	33.8
279	4.9	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 40.897 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

Instrument :

BNA_G

ClientSampleId :

TP-1MS

Tot Ion:149 Resp: 1697631

Ion Ratio Lower Upper

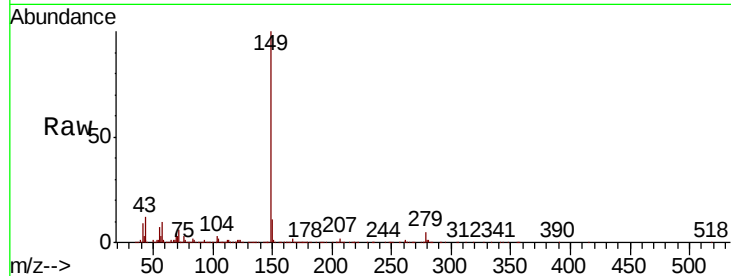
149 100

167 1.7 1.4 2.0

43 11.5 9.0 13.6

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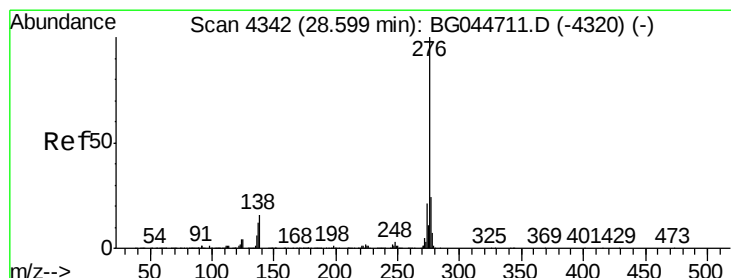
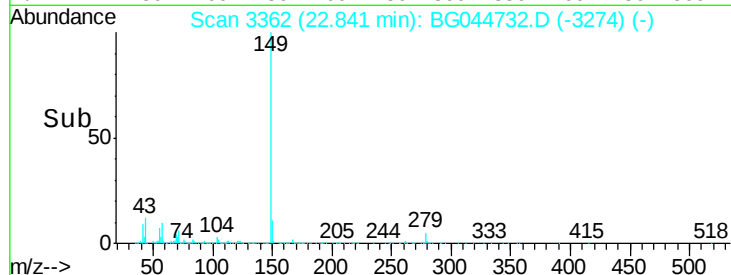
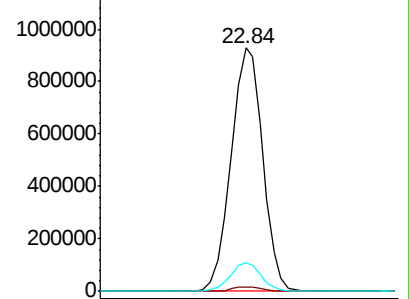
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.284 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044732.D

Acq: 12 Mar 2020 12:53

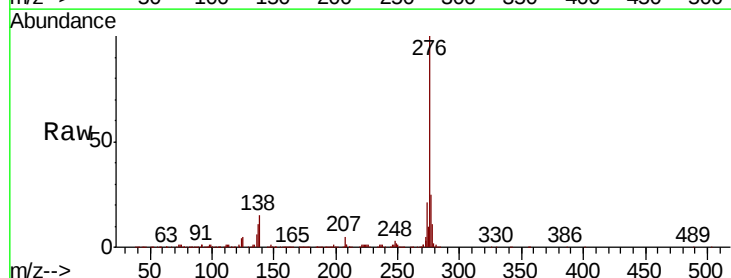
Tgt Ion:276 Resp: 2000435

Ion Ratio Lower Upper

276 100

138 12.3 10.9 16.3

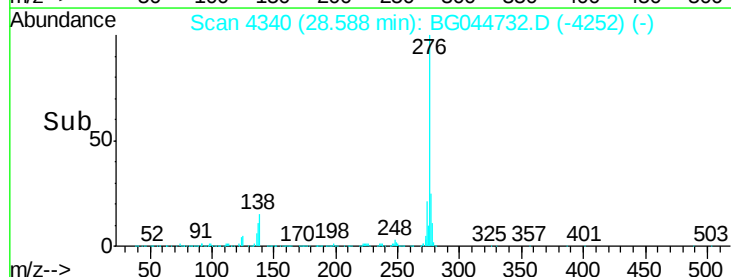
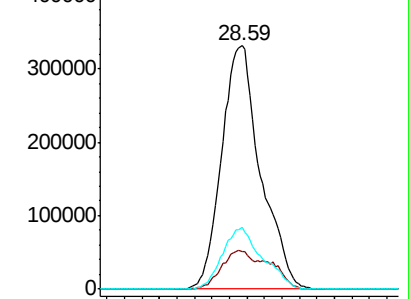
277 26.2 20.8 31.2

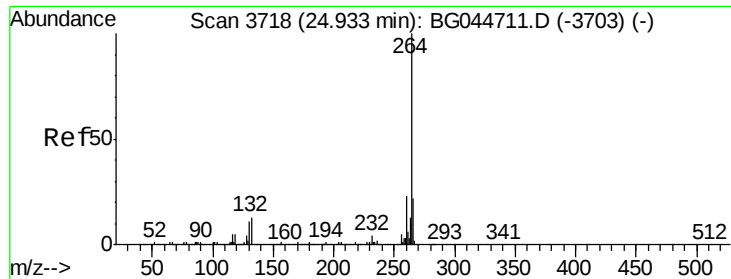


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





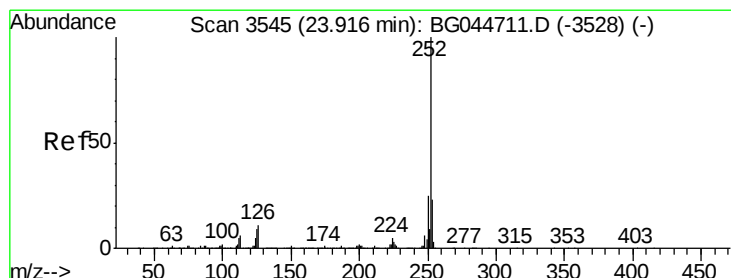
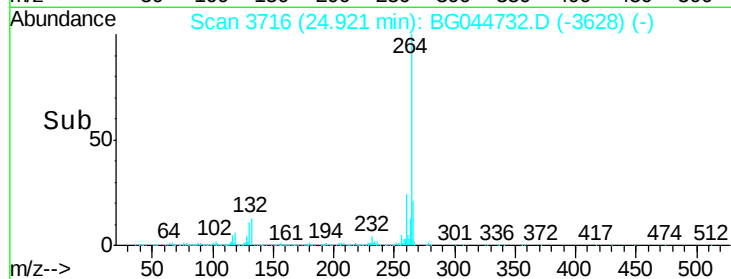
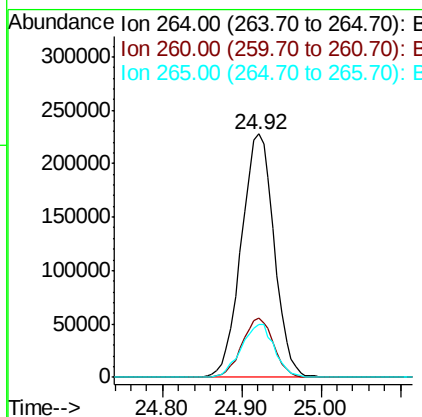
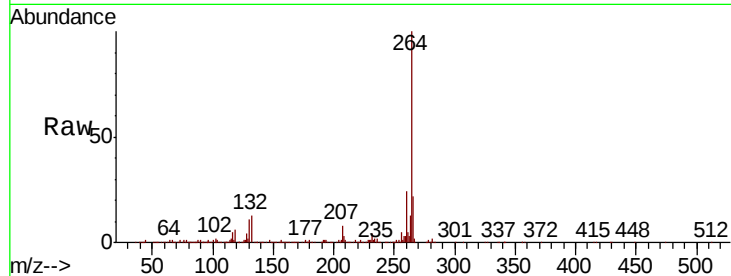
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.7	17.4	26.2

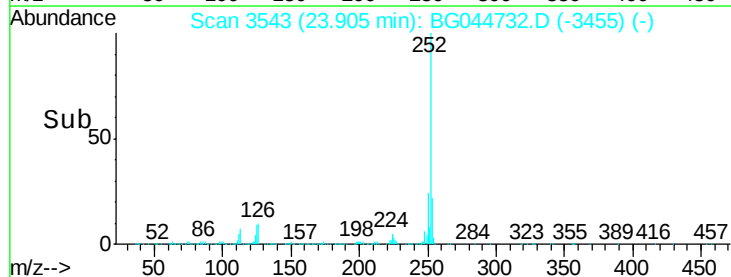
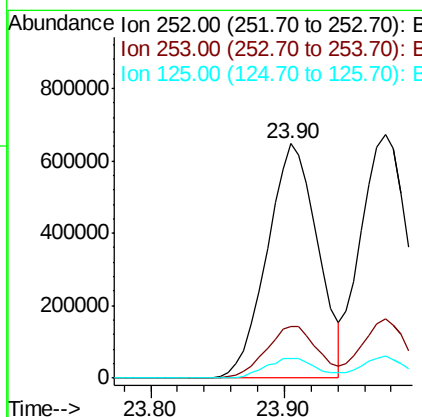
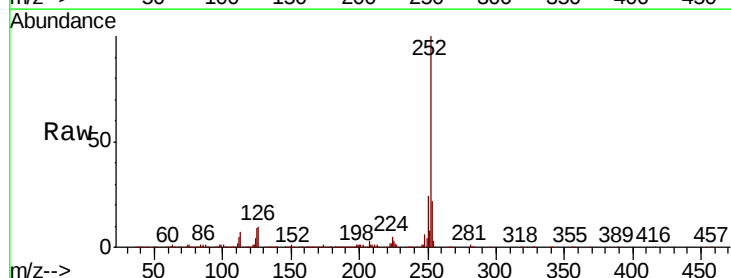
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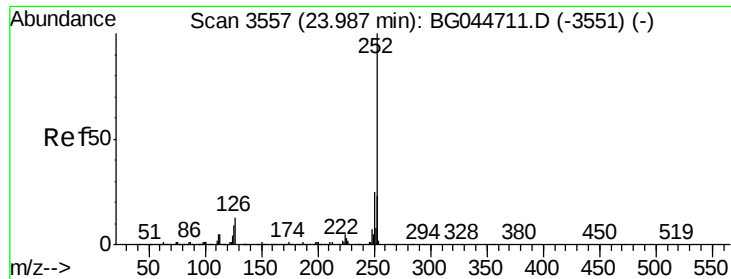
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#88
Benzo(b)fluoranthene
Concen: 39.346 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	8.6	7.2	10.8





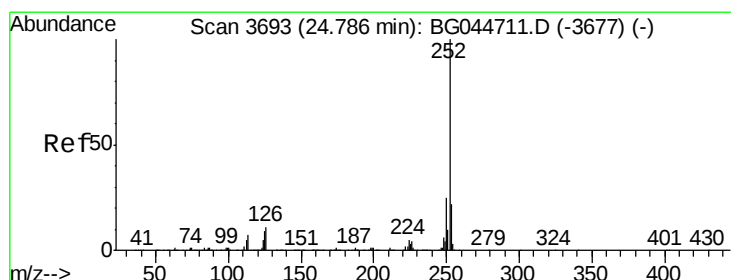
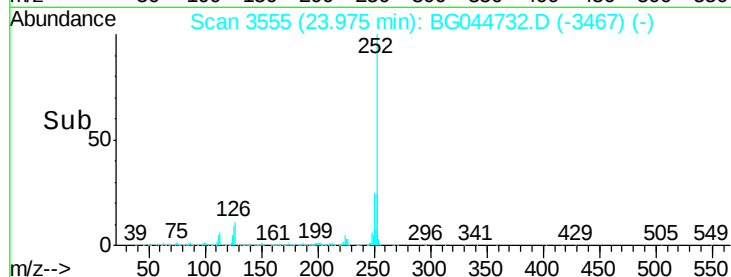
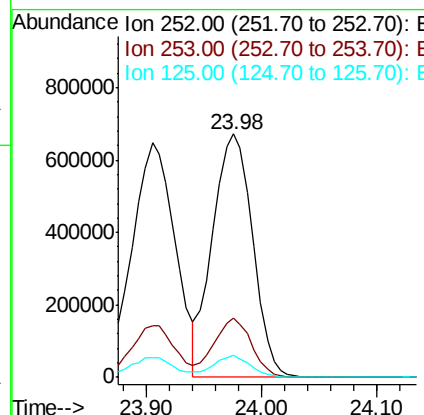
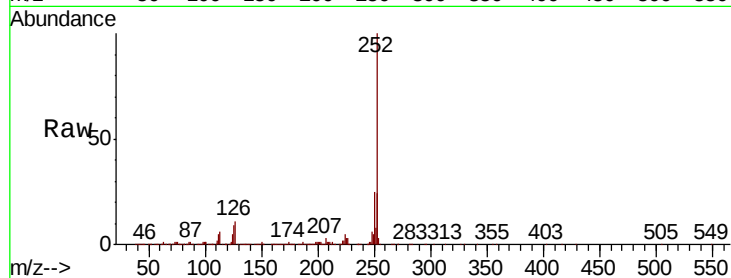
#89
Benzo(k)fluoranthene
Concen: 39.589 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	9.1	7.0	10.4

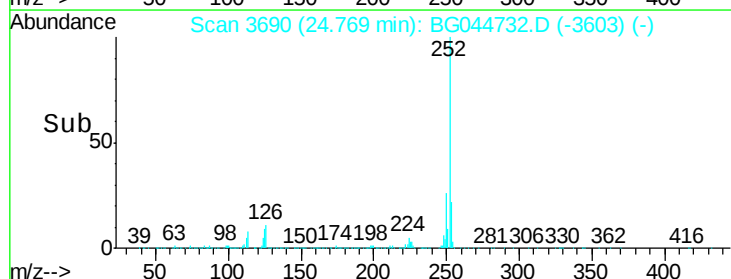
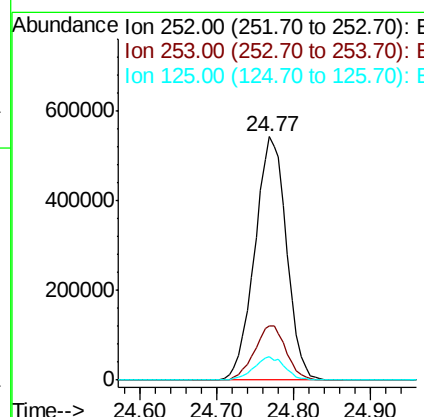
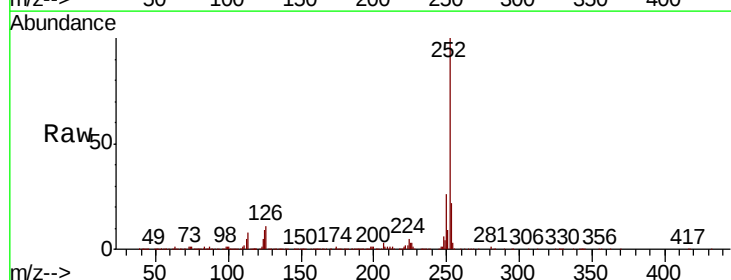
Manual Integrations
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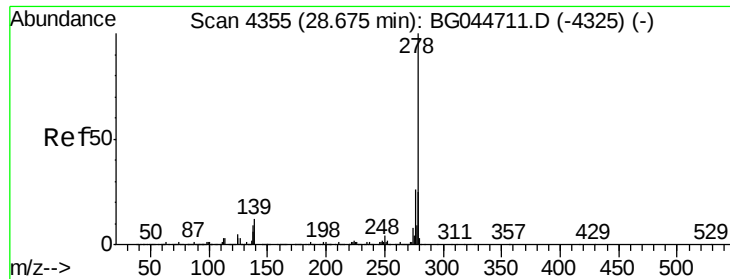
mohammad
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#90
Benzo(a)pyrene
Concen: 38.726 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.4	7.0	10.6





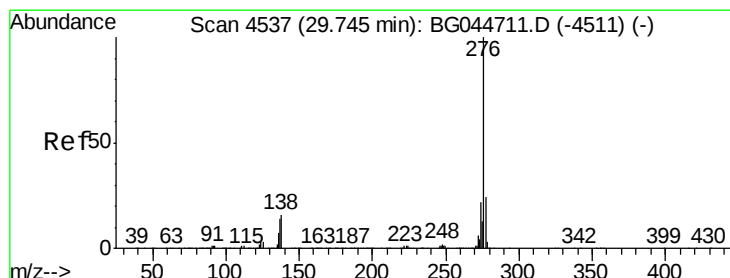
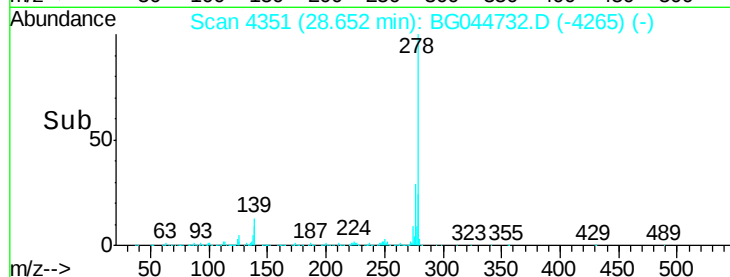
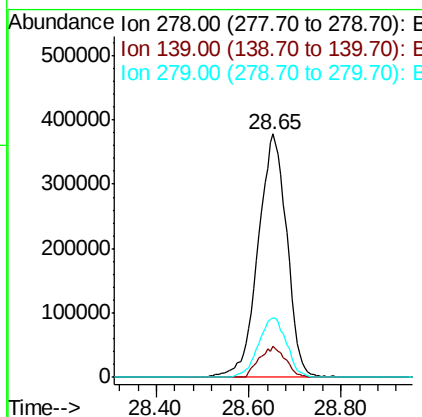
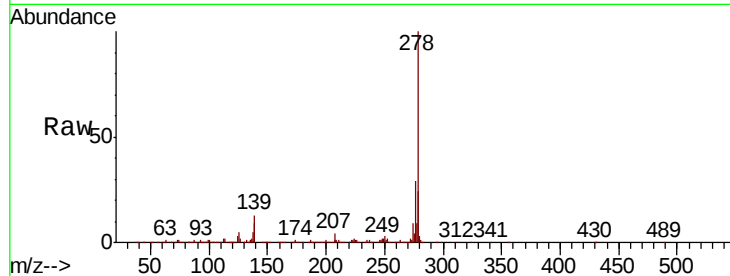
#91
Dibenzo(a,h)anthracene
Concen: 40.814 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Instrument :
BNA_G
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.9	14.9
279	24.2	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:10 PM



#92
Benzo(g,h,i)perylene
Concen: 41.629 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.02 min
Lab File: BG044732.D
Acq: 12 Mar 2020 12:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	15.6	13.0	19.4

