

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042958.D
 Acq On : 1 Oct 2019 1:57
 Operator : JU
 Sample : K5054-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Manual Integrations
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mohammad
 10/2/2019 8:33:25 AM

Quant Time: Oct 01 08:07:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73207	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	275980	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	199586	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	454694	20.00	ng	0.00
76) Chrysene-d12	21.70	240	496427	20.00	ng	-0.01
87) Perylene-d12	24.93	264	581464	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	530597	129.35	ng	0.00
7) Phenol-d6	7.25	99	757815	128.29	ng	0.00
23) Nitrobenzene-d5	9.24	82	466553	82.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	440632	128.39	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1133759	82.35	ng	0.00
79) Terphenyl-d14	20.04	244	2111035	90.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	60153	35.171	ng	98
3) Pyridine	3.95	79	115455	24.001	ng	99
4) n-Nitrosodimethylamine	3.87	42	99410	42.974	ng	# 98
6) Aniline	7.40	93	127978	17.947	ng	97
8) 2-Chlorophenol	7.64	128	199122	46.546	ng	100
9) Benzaldehyde	7.21	77	147125	40.758	ng	92
10) Phenol	7.27	94	270804	49.966	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	172315	41.092	ng	99
12) 1,3-Dichlorobenzene	7.96	146	188054	34.459	ng	97
13) 1,4-Dichlorobenzene	8.11	146	193628	35.592	ng	97
14) 1,2-Dichlorobenzene	8.43	146	181766	35.094	ng	96
15) Benzyl Alcohol	8.31	79	204158	45.968	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	293739	36.475	ng	98
17) 2-Methylphenol	8.52	107	175775	46.351	ng	96
18) Hexachloroethane	9.16	117	69063	33.708	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	158430	40.844	ng	98
20) 3+4-Methylphenols	8.85	107	243389m	46.833	ng	
22) Acetophenone	8.90	105	300406	42.228	ng	# 97
24) Nitrobenzene	9.28	77	238133	43.969	ng	100
25) Isophorone	9.80	82	444504	44.568	ng	99
26) 2-Nitrophenol	9.99	139	116842	50.678	ng	98
27) 2,4-Dimethylphenol	10.07	122	198271	55.998	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	249076	44.017	ng	95
29) 2,4-Dichlorophenol	10.54	162	218385	49.593	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	222084	39.054	ng	95
31) Naphthalene	10.93	128	576536	42.438	ng	100
32) Benzoic acid	10.21	122	133744	48.430	ng	87
33) 4-Chloroaniline	11.03	127	82613	14.014	ng	98
34) Hexachlorobutadiene	11.22	225	158844	37.306	ng	99
35) Caprolactam	11.82	113	68075	43.837	ng	# 87
36) 4-Chloro-3-methylphenol	12.16	107	242964	50.745	ng	94
37) 2-Methylnaphthalene	12.53	142	440623	42.515	ng	95
38) 1-Methylnaphthalene	12.74	142	412026	42.014	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	288823	38.488	ng	99

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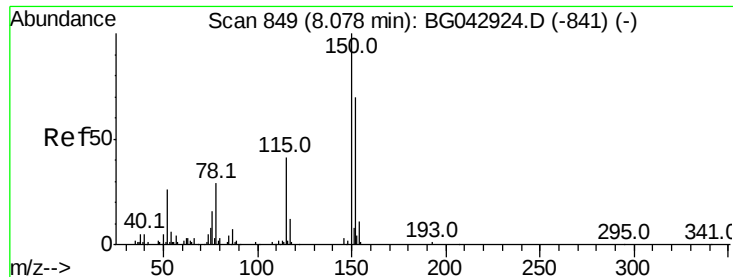
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	394622	82.533	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	206152	46.935	ng	94
44) 2,4,5-Trichlorophenol	13.21	196	222057	49.076	ng	96
46) 1,1'-Biphenyl	13.53	154	594536	39.281	ng	98
47) 2-Chloronaphthalene	13.57	162	459691	40.509	ng	98
48) 2-Nitroaniline	13.77	65	174865	46.338	ng	96
49) Acenaphthylene	14.41	152	746867	43.013	ng	99
50) Dimethylphthalate	14.15	163	757172	50.633	ng	99
51) 2,6-Dinitrotoluene	14.26	165	148468	46.620	ng	97
52) Acenaphthene	14.75	154	451016	38.805	ng	99
53) 3-Nitroaniline	14.59	138	66718	20.272	ng	# 99
54) 2,4-Dinitrophenol	14.79	184	204621	103.370	ng	98
55) Dibenzofuran	15.09	168	729680	42.441	ng	97
56) 4-Nitrophenol	14.91	139	251289	100.210	ng	98
57) 2,4-Dinitrotoluene	15.05	165	207132	44.415	ng	99
58) Fluorene	15.73	166	624539	42.548	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	224805	46.663	ng	99
60) Diethylphthalate	15.51	149	639976	42.051	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	358701	40.746	ng	99
62) 4-Nitroaniline	15.76	138	151900	42.319	ng	96
63) Azobenzene	16.02	77	575276	41.519	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	142121	55.236	ng	96
66) n-Nitrosodiphenylamine	15.94	169	557087	46.411	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	255263	44.729	ng	98
68) Hexachlorobenzene	16.74	284	271454	42.720	ng	98
69) Atrazine	16.89	200	218580	43.244	ng	95
70) Pentachlorophenol	17.09	266	376196	102.603	ng	99
71) Phenanthrene	17.47	178	979412	44.121	ng	97
72) Anthracene	17.57	178	1016114	45.852	ng	99
73) Carbazole	17.84	167	940187	45.750	ng	99
74) Di-n-butylphthalate	18.40	149	1065459	43.455	ng	100
75) Fluoranthene	19.48	202	1296652	44.162	ng	100
77) Benzidine	19.66	184	363604	29.252	ng	99
78) Pyrene	19.84	202	1312874	44.309	ng	98
80) Butylbenzylphthalate	20.73	149	507938	45.163	ng	99
81) Benzo(a)anthracene	21.69	228	1359385	43.948	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	323940	26.702	ng	100
83) Chrysene	21.75	228	1326864	44.203	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	718803	44.916	ng	96
85) Di-n-octyl phthalate	22.81	149	1210535	46.258	ng	100
86) Indeno(1,2,3-cd)pyrene	28.61	276	1720765	46.048	ng	99
88) Benzo(b)fluoranthene	23.91	252	1471027	44.711	ng	99
89) Benzo(k)fluoranthene	23.98	252	1417965	43.565	ng	99
90) Benzo(a)pyrene	24.78	252	1418897	45.711	ng	99
91) Dibenzo(a,h)anthracene	28.68	278	1449895	45.552	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1427956	46.302	ng	# 97

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



#1

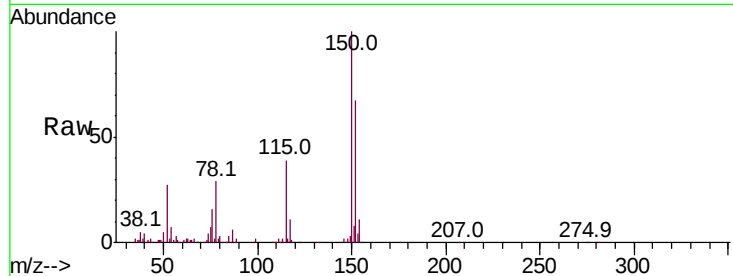
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	115.0	172.4
115	58.2	47.0	70.6

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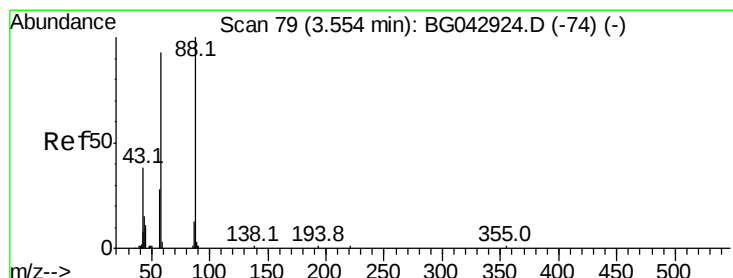
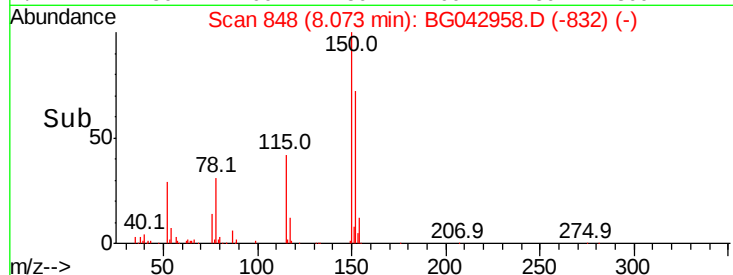
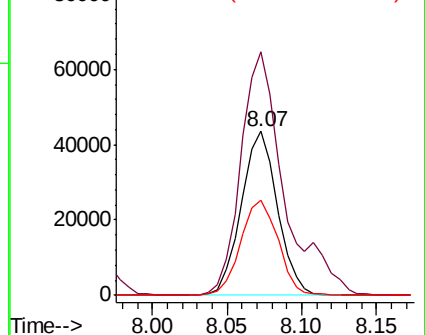


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

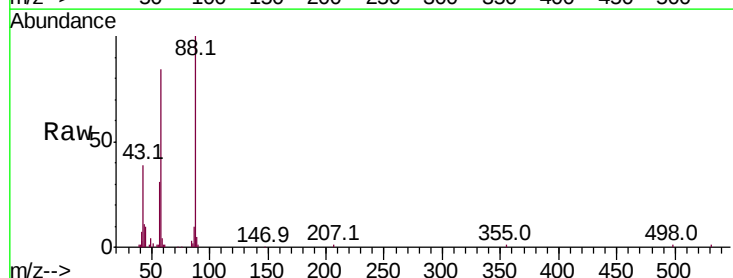
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.171 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	74.3	111.5
43	38.1	29.8	44.8

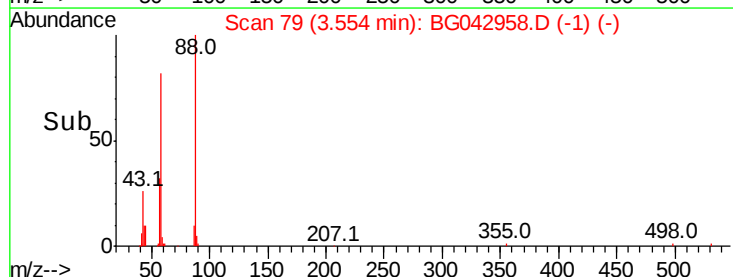
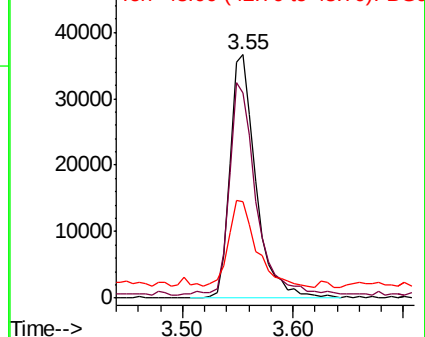


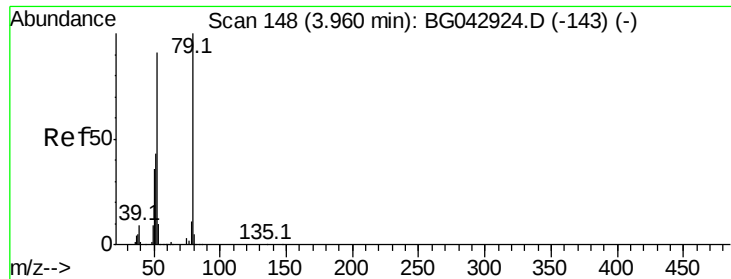
Abundance

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: 24.001 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

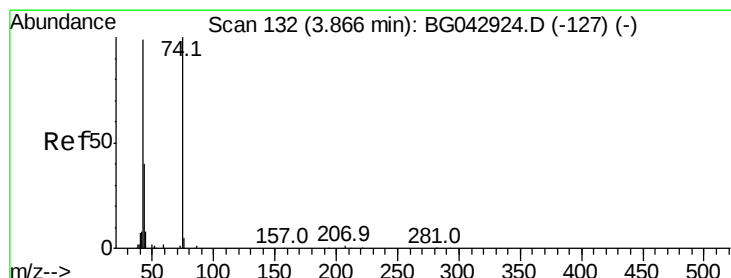
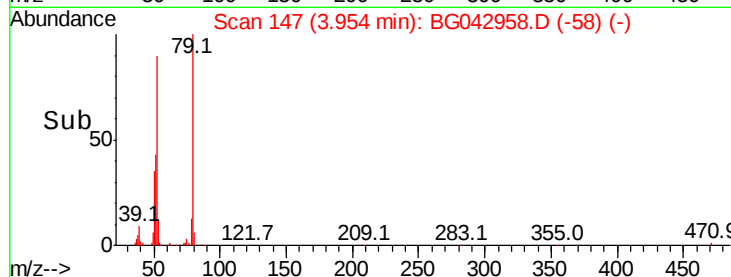
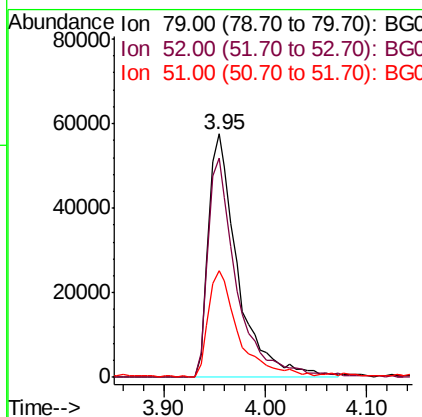
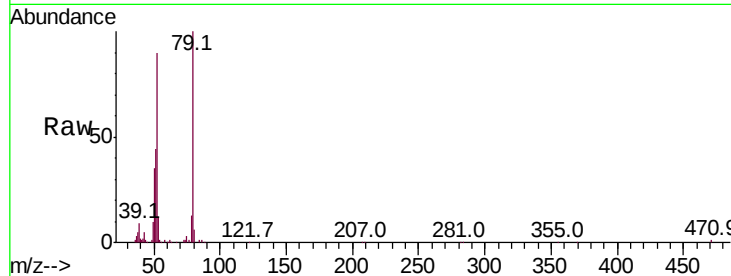
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	79	Resp:	115455
Ion Ratio	Lower	Upper	
79	100		
52	90.2	73.0	109.4
51	43.8	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 42.974 ng

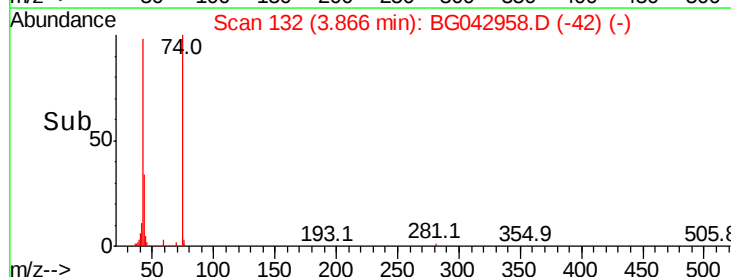
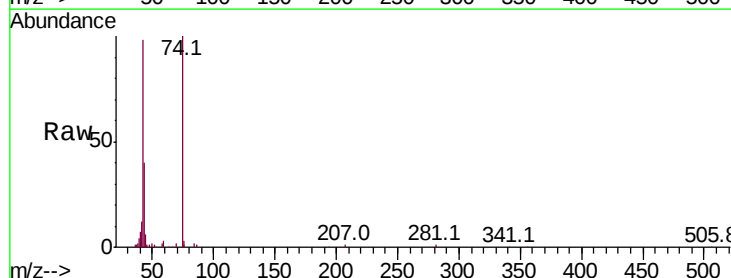
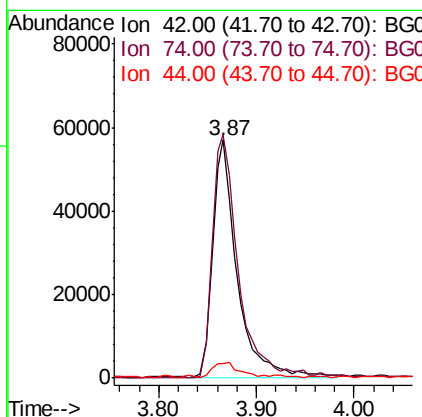
RT: 3.87 min Scan# 132

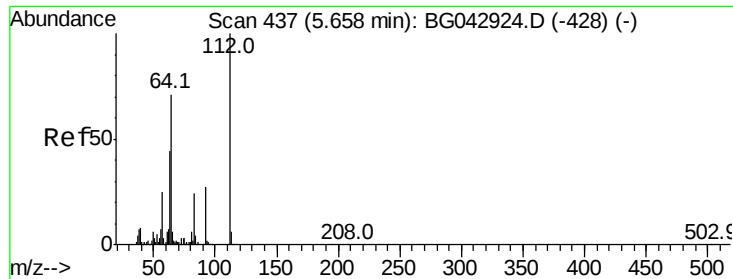
Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	42	Resp:	99410
Ion Ratio	Lower	Upper	
42	100		
74	102.3	80.5	120.7
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 129.348 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

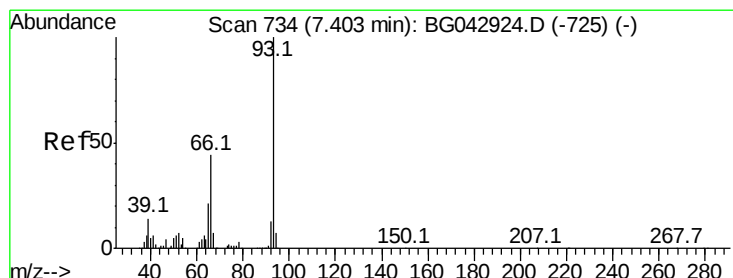
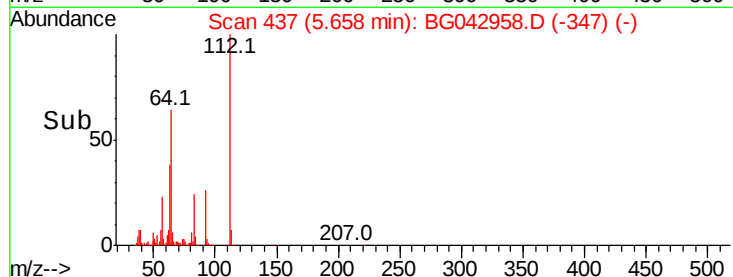
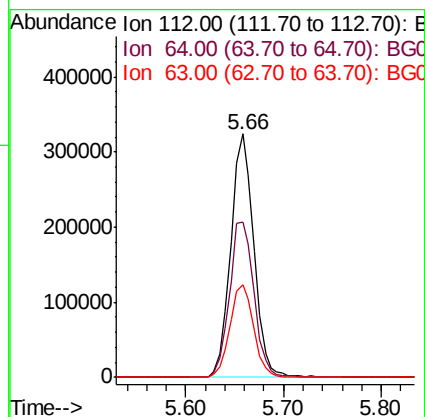
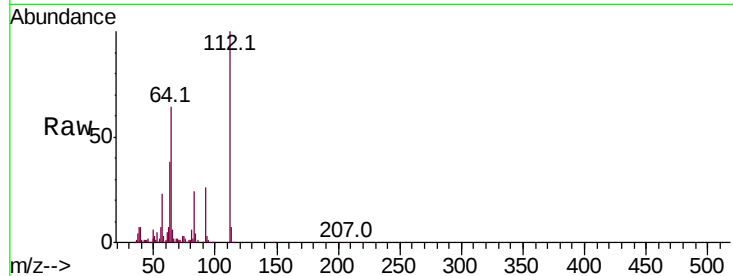
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	112	Resp:	530597
Ion Ratio	Lower	Upper	
112	100		
64	63.5	56.6	84.8
63	38.0	35.1	52.7

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#6

Aniline

Concen: 17.947 ng

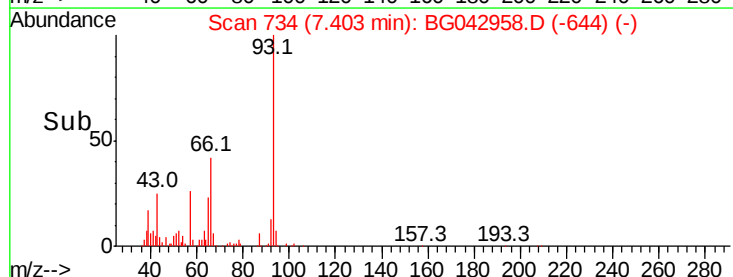
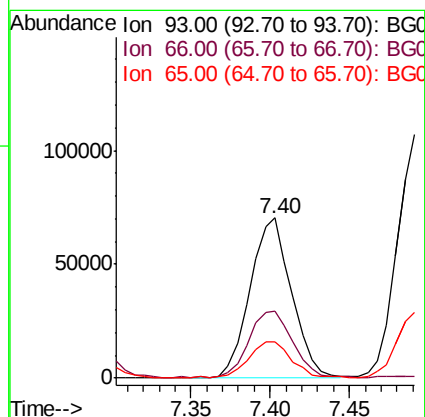
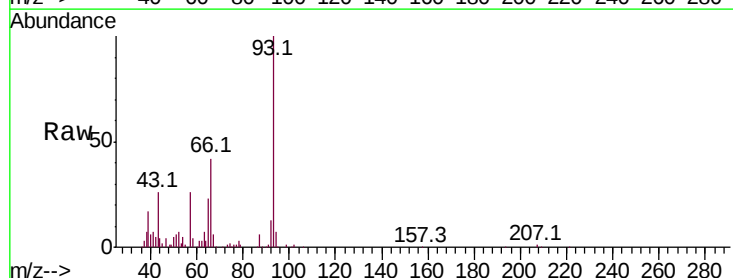
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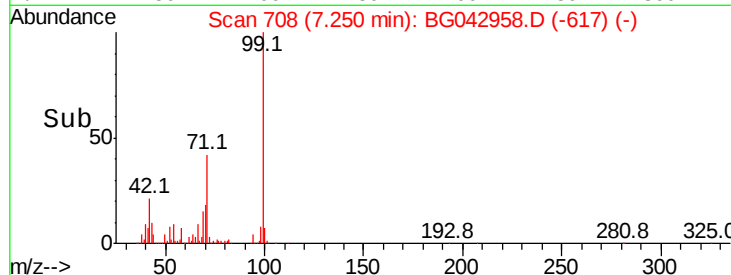
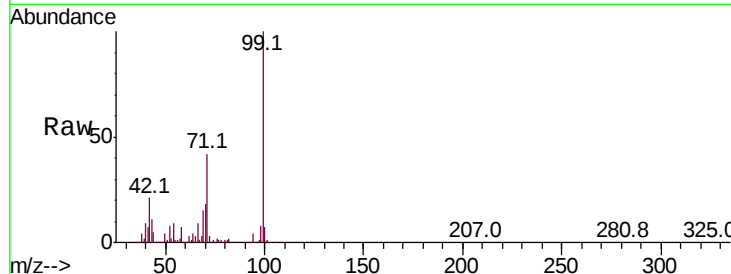
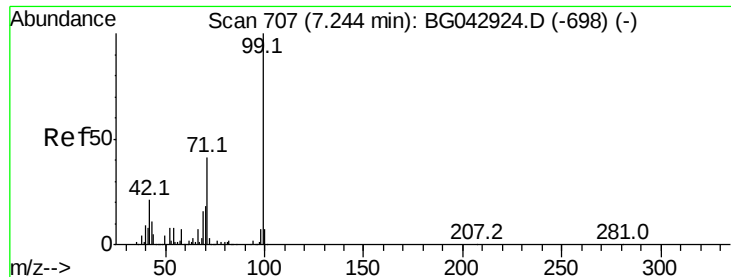
Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	93	Resp:	127978
Ion Ratio	Lower	Upper	
93	100		
66	41.8	35.0	52.6
65	22.7	17.4	26.0





#7

Phenol-d6

Concen: 128.285 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tot Ion	99	Resp	757815
Ion Ratio	Lower	Upper	
99	100		
42	21.4	17.2	25.8
71	42.0	33.1	49.7

Instrument :

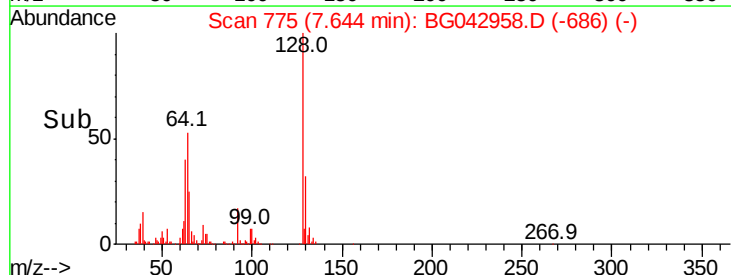
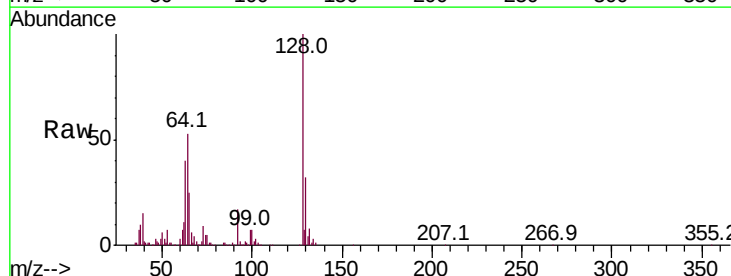
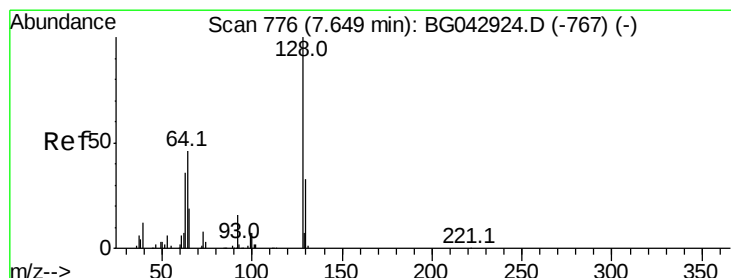
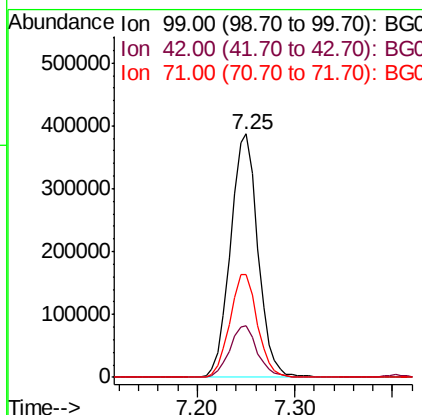
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 46.546 ng

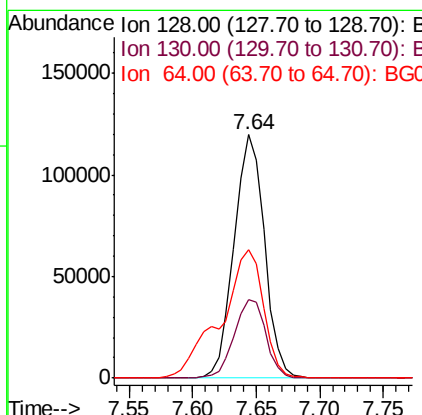
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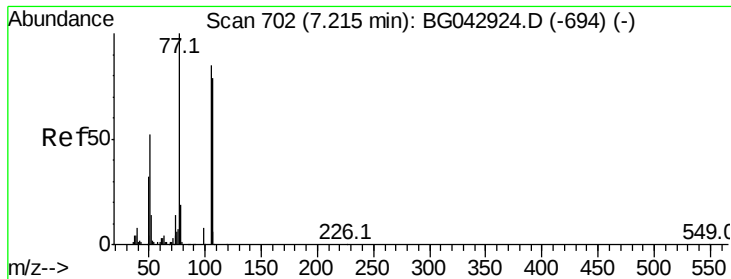
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion	128	Resp	199122
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	52.6	32.8	72.8





#9

Benzaldehyde

Concen: 40.758 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

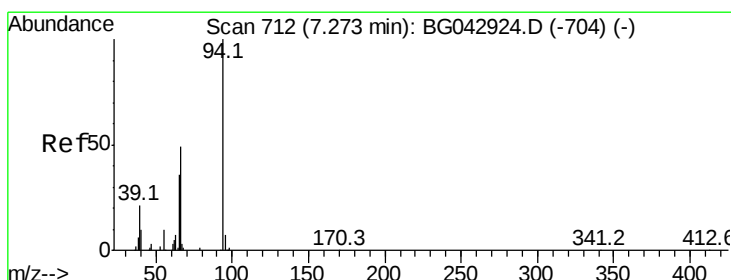
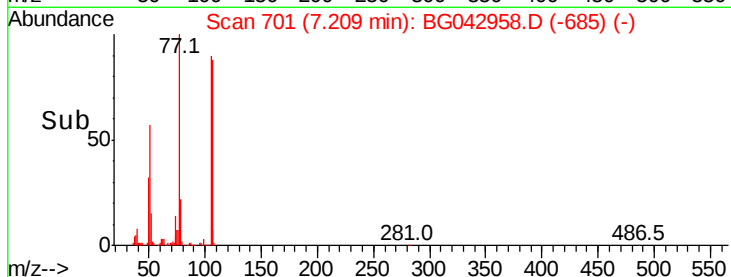
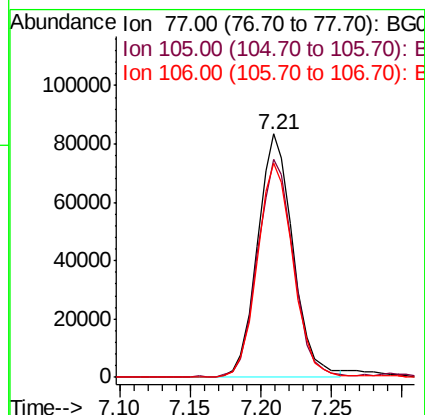
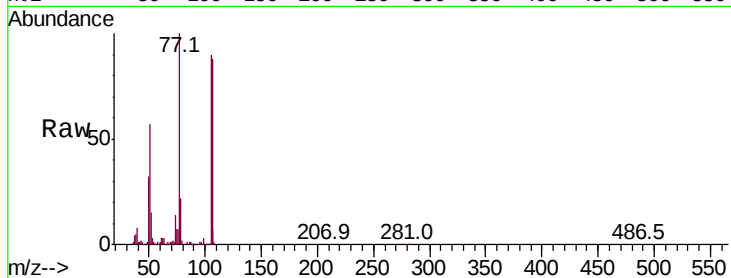
ClientSampleId :

PAT-091019-BMSD

Tot Ion	77	Resp	147125
Ion Ratio	Lower	Upper	
77	100		
105	89.6	64.6	104.6
106	88.0	59.4	99.4

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#10

Phenol

Concen: 49.966 ng

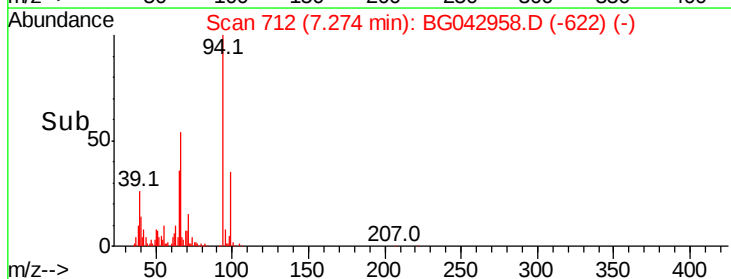
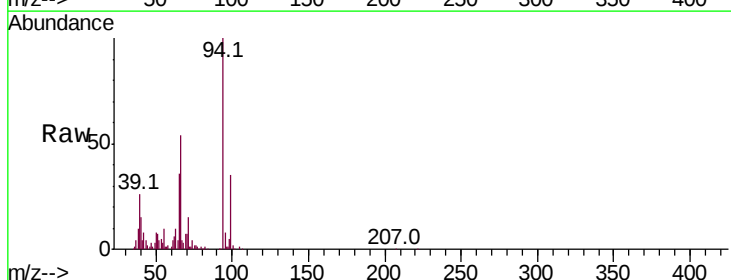
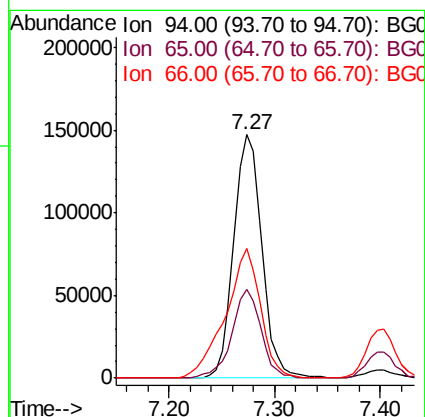
RT: 7.27 min Scan# 712

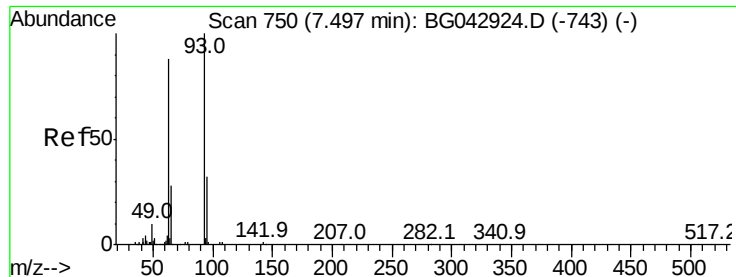
Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion	94	Resp	270804
Ion Ratio	Lower	Upper	
94	100		
65	36.4	16.6	56.6
66	53.5	32.4	72.4





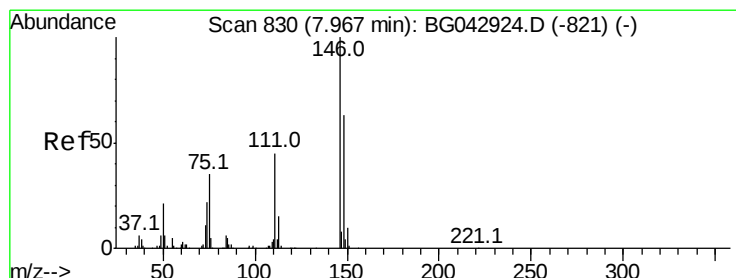
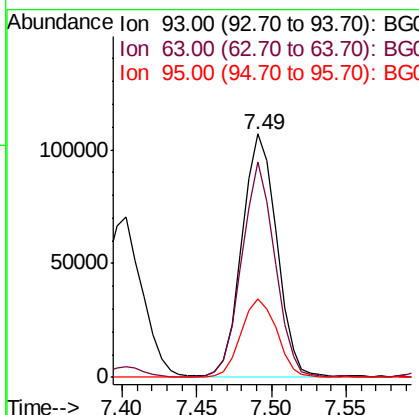
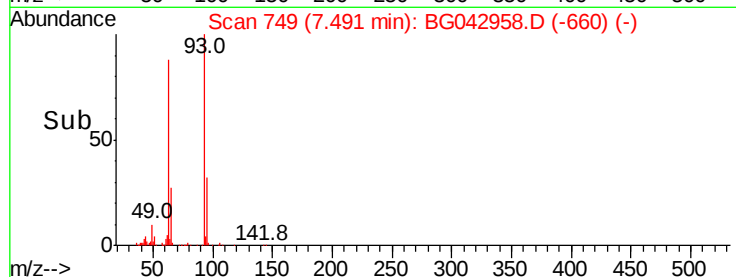
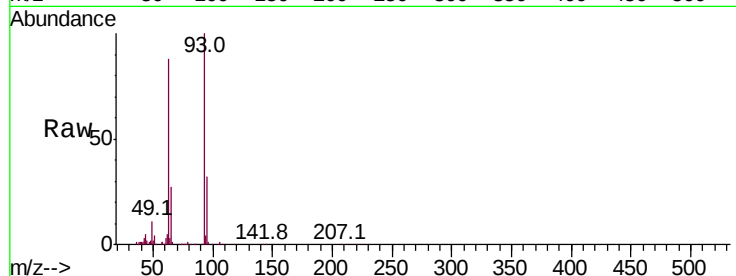
#11
 bis(2-Chloroethyl)ether
 Concen: 41.092 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	172315		
63	88.3		67.4	107.4
95	32.5		11.9	51.9

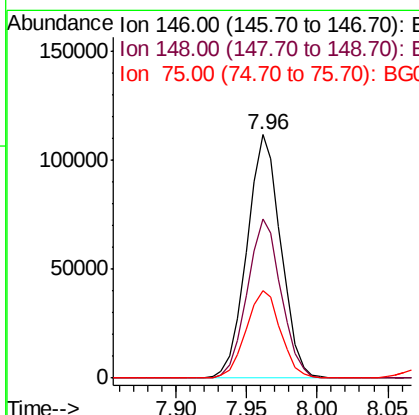
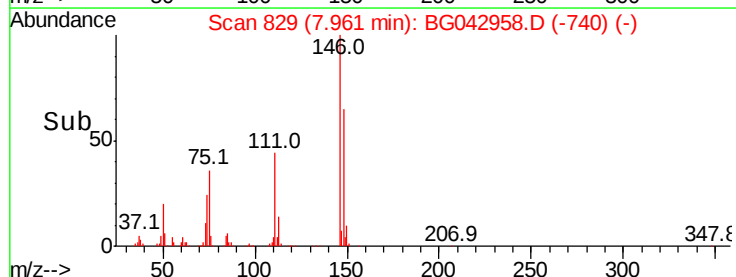
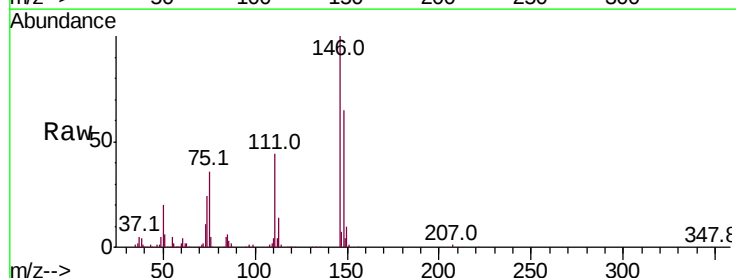
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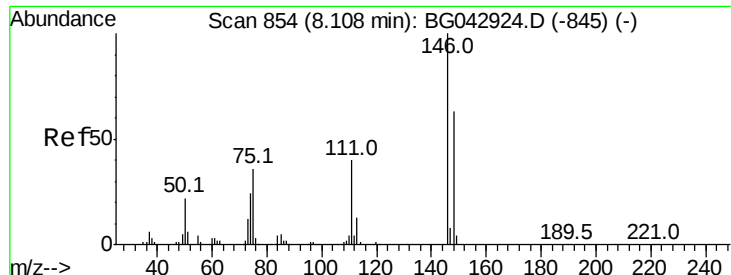
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 34.459 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188054		
148	65.5		50.7	76.1
75	36.1		27.7	41.5





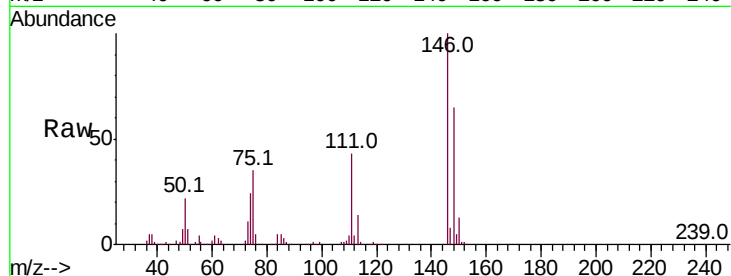
#13
1,4-Dichlorobenzene
Concen: 35.592 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

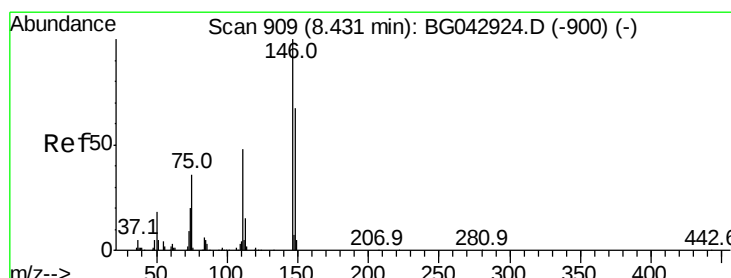
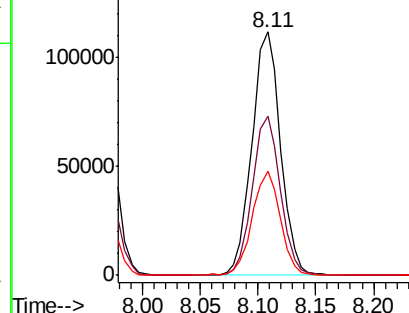
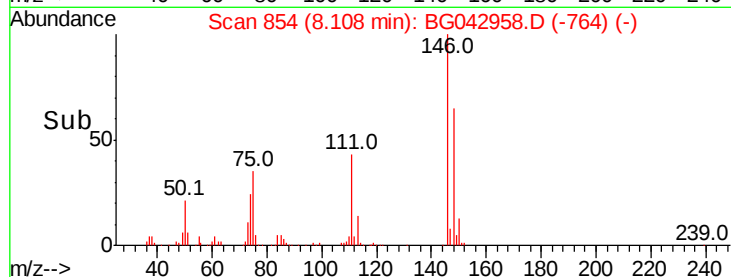
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.9	76.3
111	42.8	31.8	47.8

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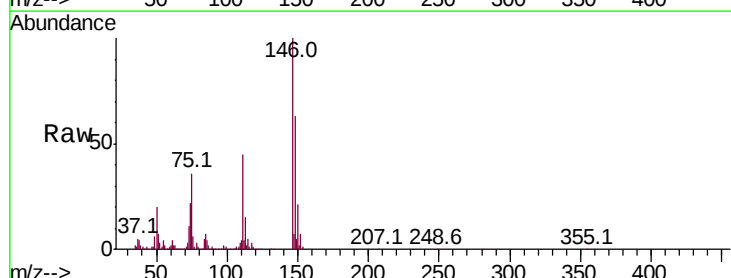


Abundance Ion 146.00 (145.70 to 146.70): E
150000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

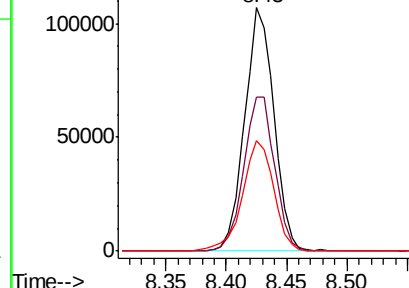
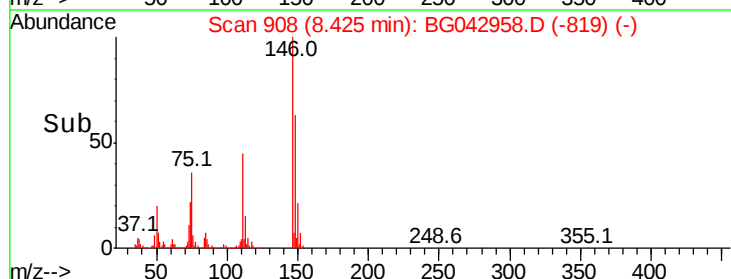


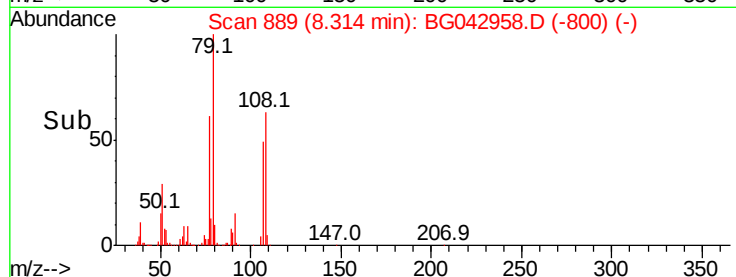
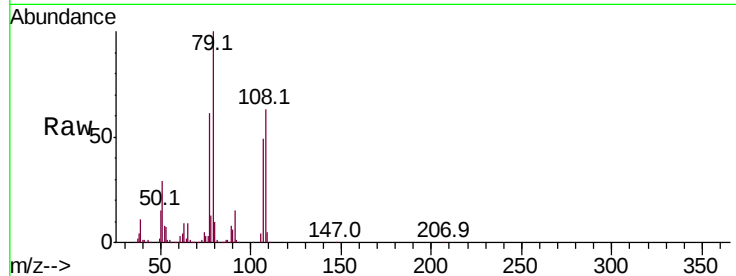
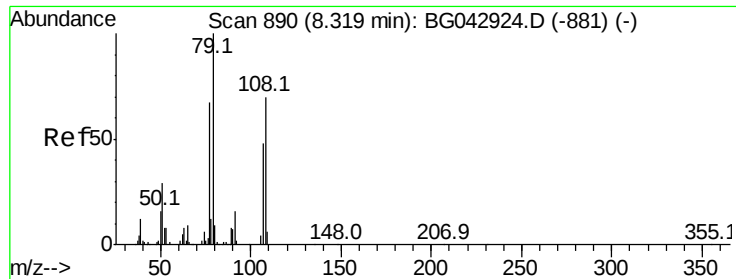
#14
1,2-Dichlorobenzene
Concen: 35.094 ng
RT: 8.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.4	80.2
111	45.2	38.5	57.7



Abundance Ion 146.00 (145.70 to 146.70): E
100000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.968 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tot Ion:	79	Resp:	204158
Ion Ratio	Lower	Upper	
79	100		
108	62.9	55.7	83.5
77	61.4	53.3	79.9

Instrument :

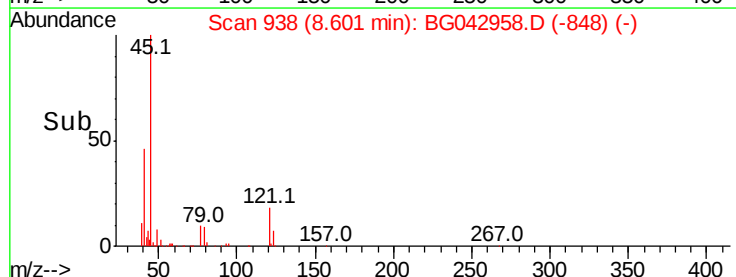
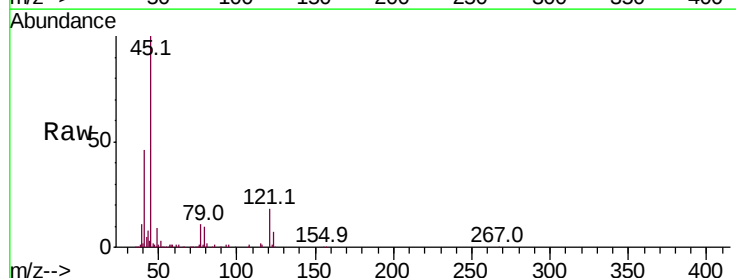
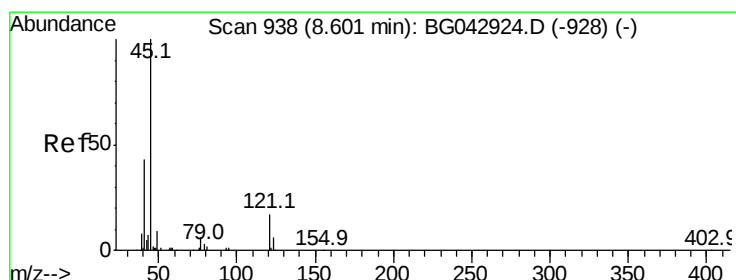
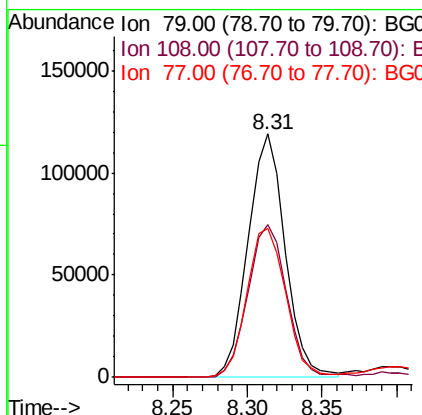
BNA_G

ClientSampleId :

PAT-091019-BMSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.475 ng

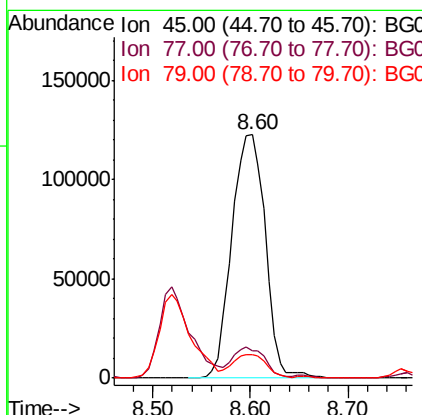
RT: 8.60 min Scan# 938

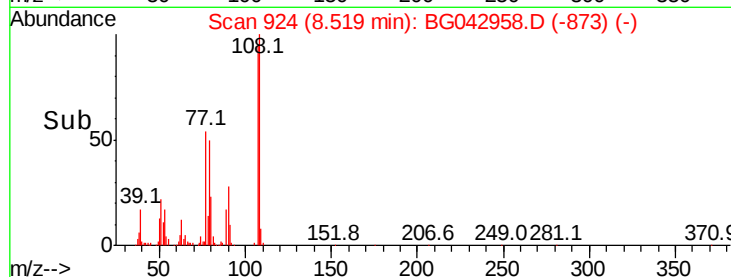
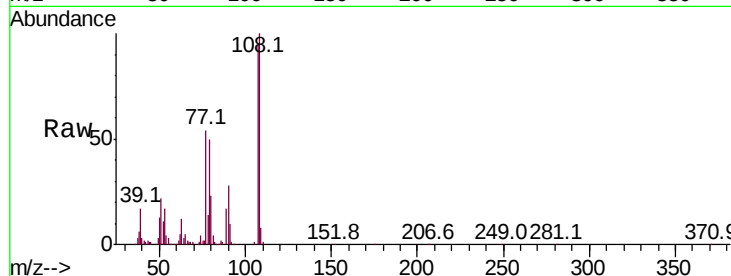
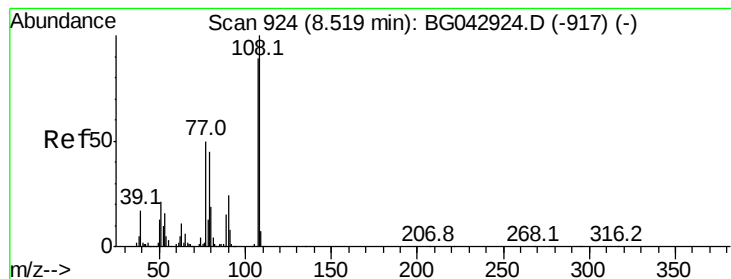
Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	45	Resp:	293739
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	32.8
79	9.5	0.0	29.4





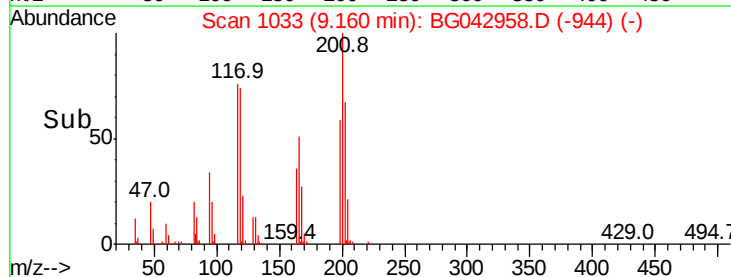
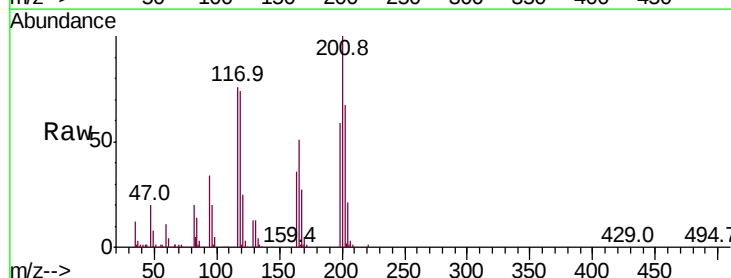
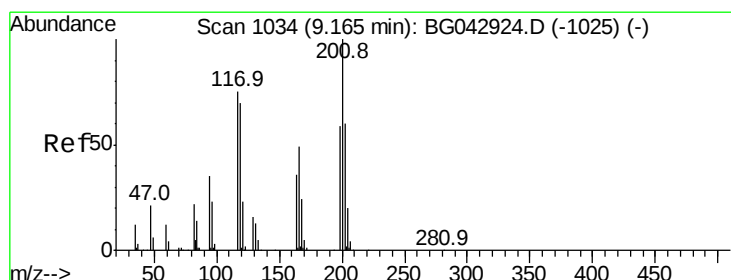
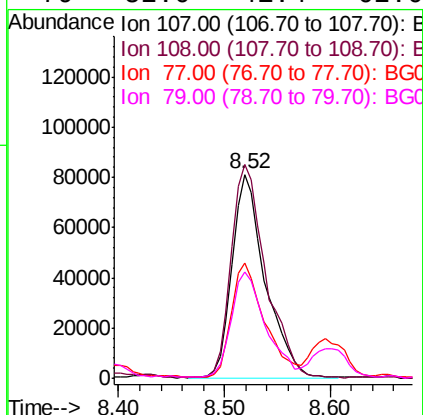
#17
2-Methylphenol
Concen: 46.351 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.7	89.9	134.9	
77	56.3	45.4	68.2	
79	52.0	41.4	62.0	

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

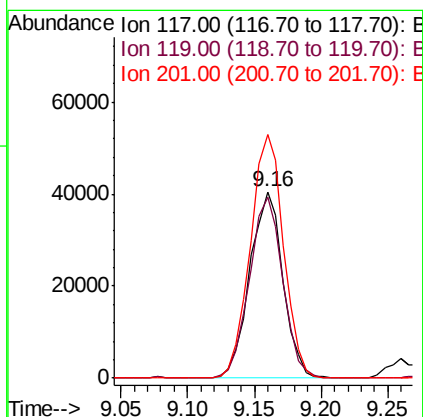
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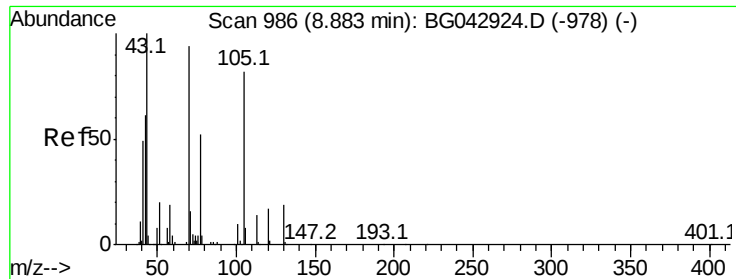
mohammad
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#18
Hexachloroethane
Concen: 33.708 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	74.6	111.8	
201	130.8	106.0	159.0	





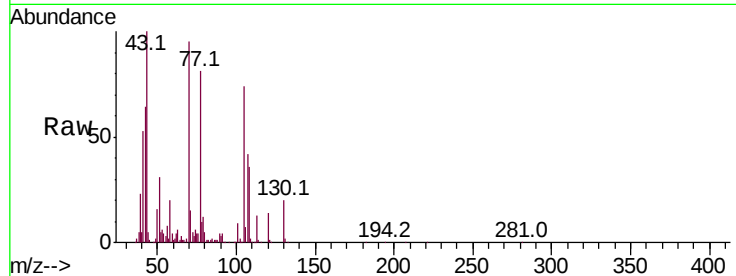
#19
n-Nitroso-di-n-propylamine
Concen: 40.844 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

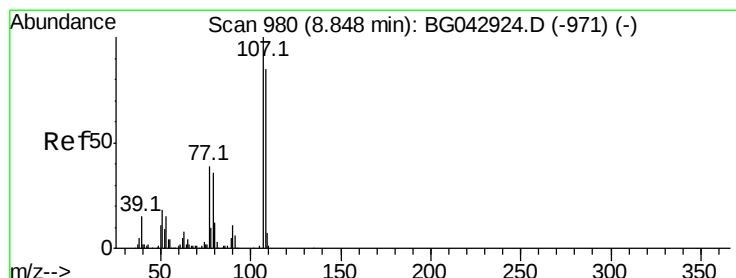
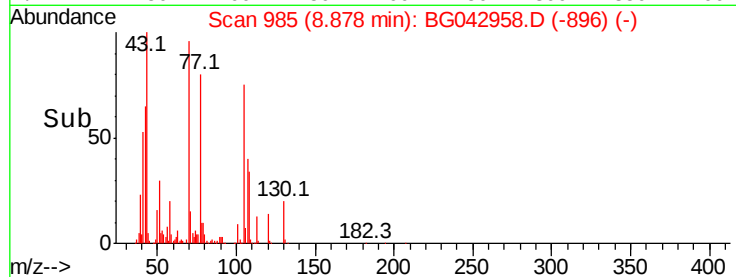
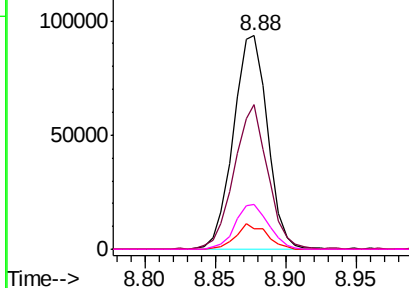
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	52.6	79.0
101	9.4	8.7	13.1
130	20.9	15.8	23.8

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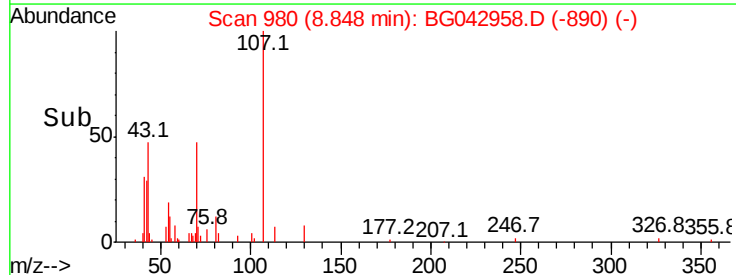
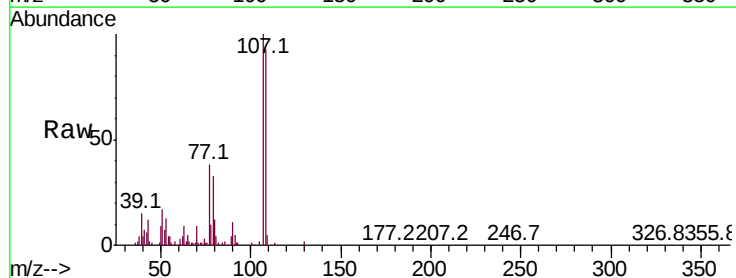
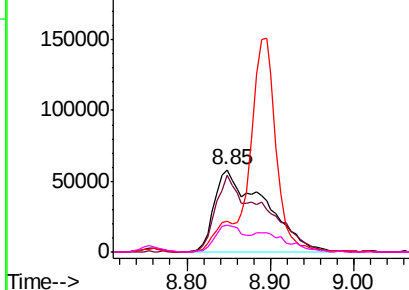
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

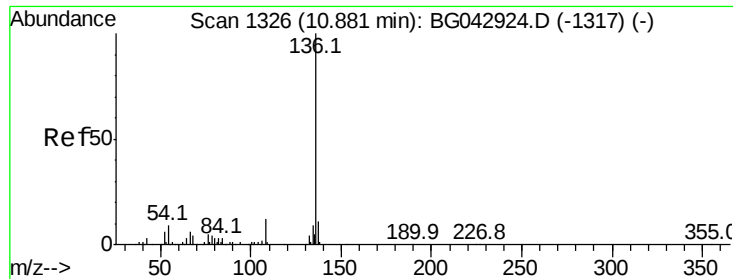


#20
3+4-Methylphenols
Concen: 46.833 ng m
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	64.9	104.9
77	37.6	19.4	59.4
79	33.5	16.2	56.2

Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





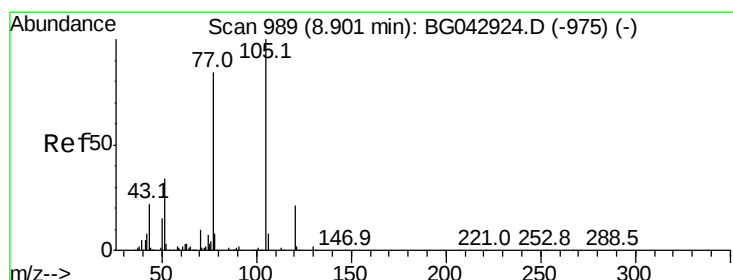
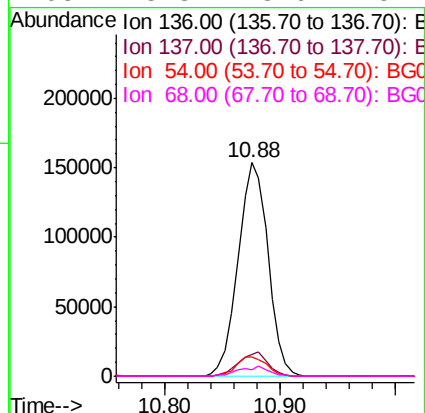
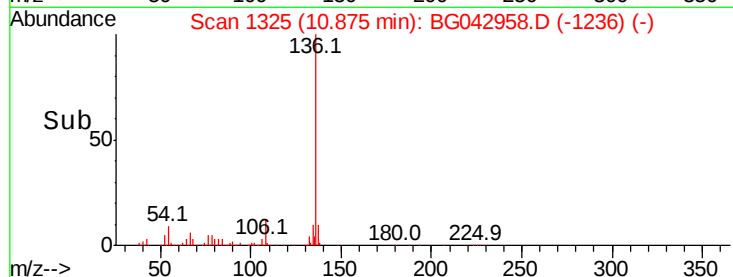
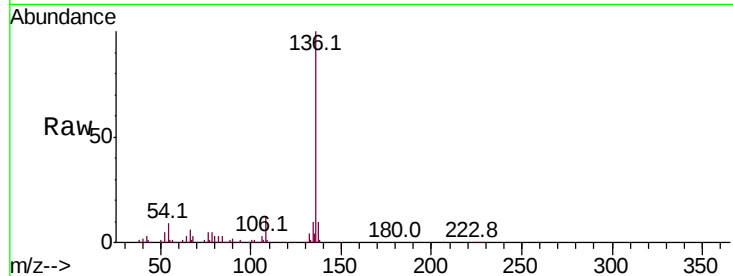
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	8.5	12.7	
54	9.0	7.4	11.2	
68	3.3	3.6	5.4	

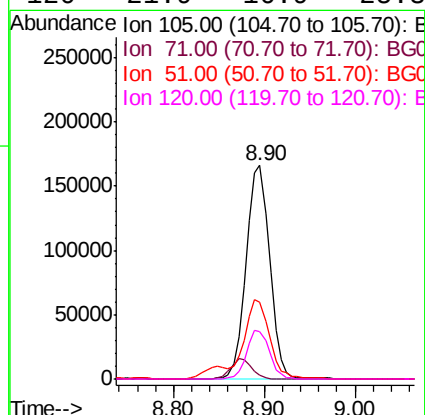
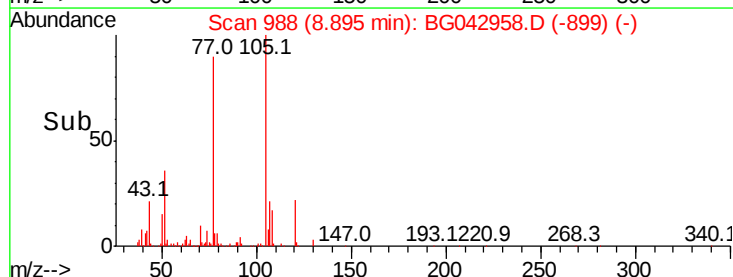
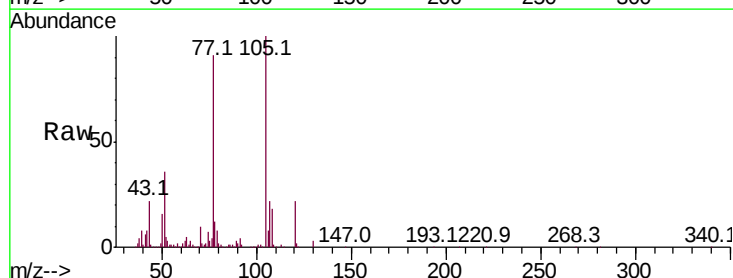
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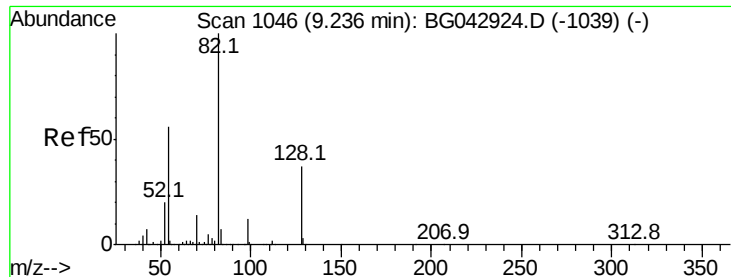
mohammad
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#22
Acetophenone
Concen: 42.228 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	1.2	1.8	
51	36.2	27.2	40.8	
120	21.9	16.9	25.3	





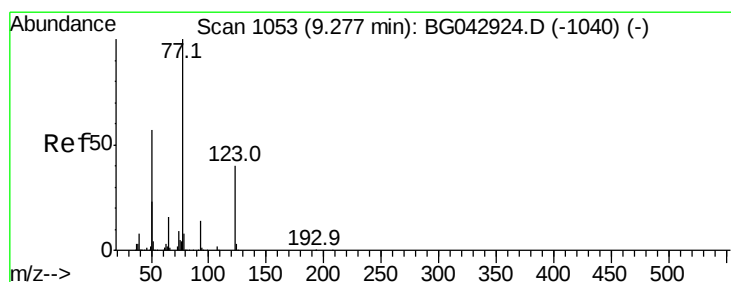
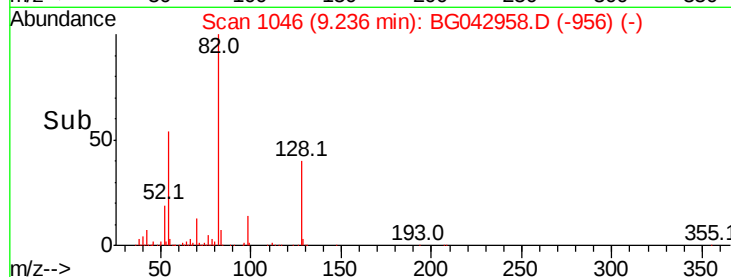
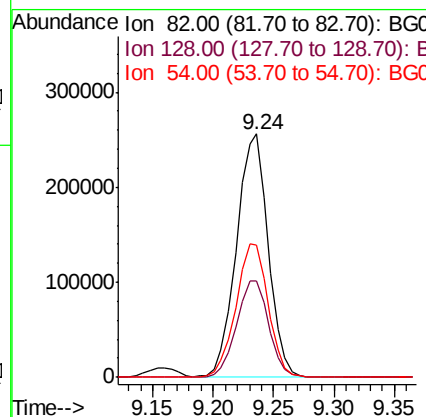
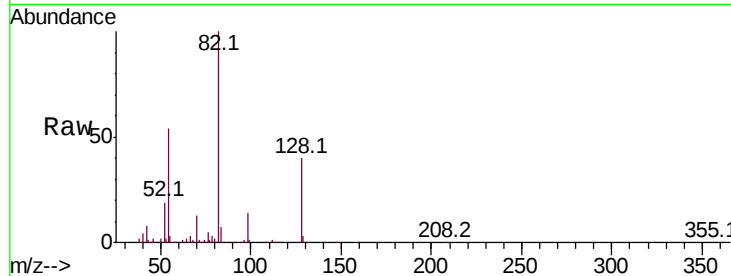
#23
Nitrobenzene-d5
Concen: 82.169 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.8	29.5	44.3	
54	54.2	44.6	67.0	

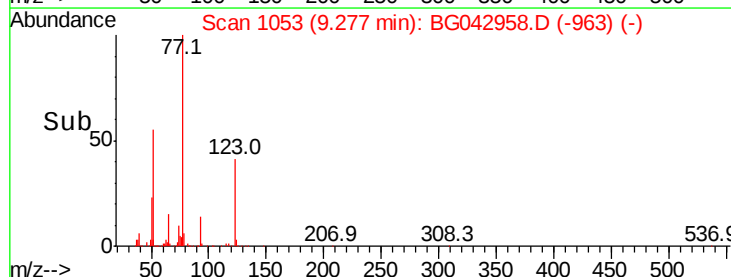
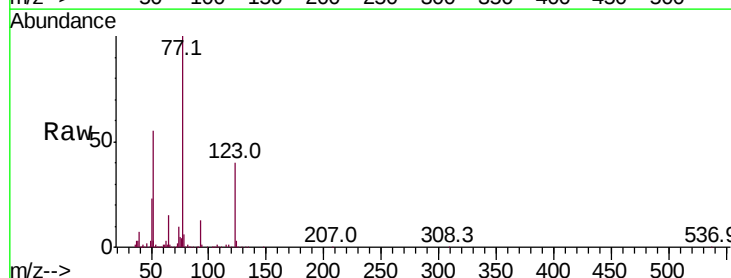
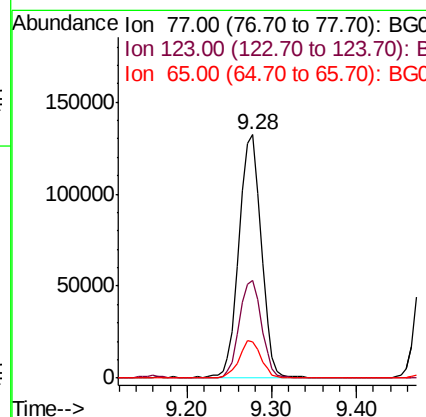
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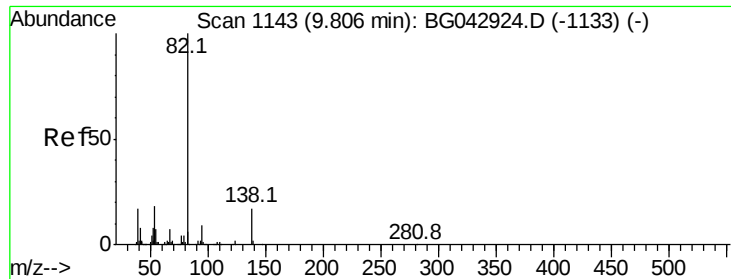
mohammad
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#24
Nitrobenzene
Concen: 43.969 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.0	31.9	47.9	
65	15.1	12.4	18.6	





#25

Isophorone

Concen: 44.568 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

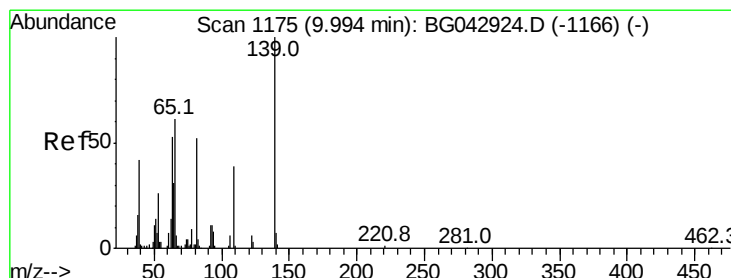
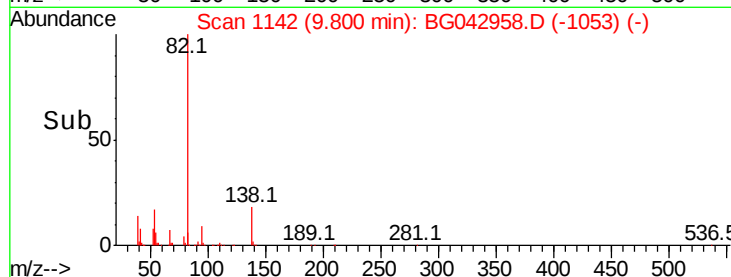
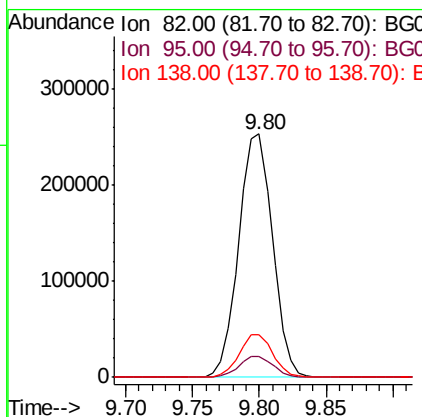
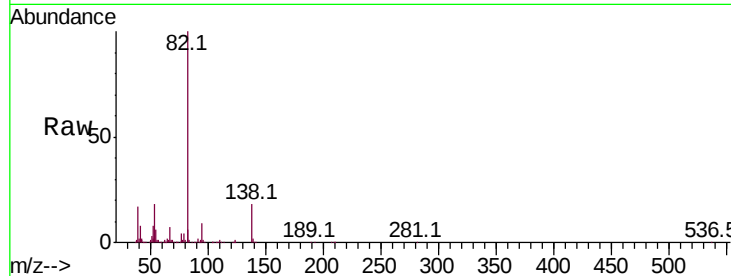
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	82	Resp:	444504
Ion Ratio	Lower	Upper	
82	100		
95	8.8	7.0	10.4
138	17.7	13.8	20.6

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#26

2-Nitrophenol

Concen: 50.678 ng

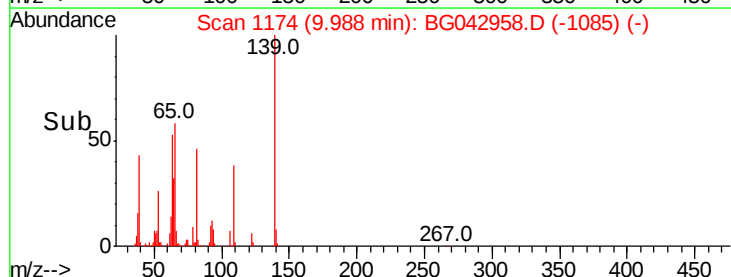
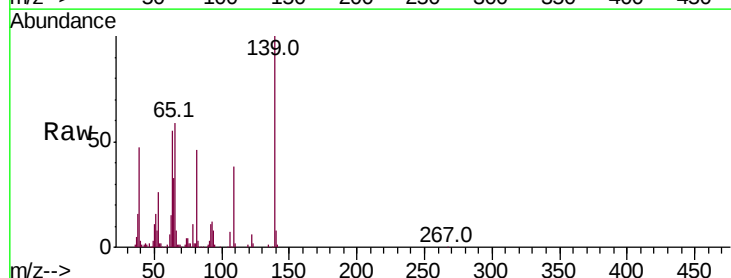
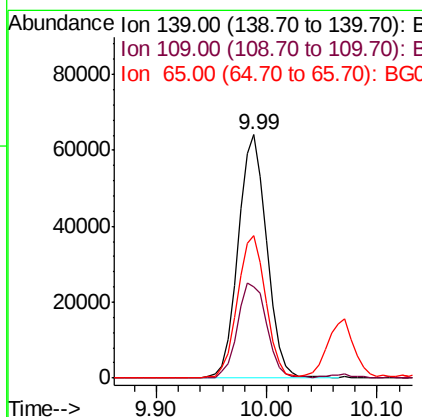
RT: 9.99 min Scan# 1174

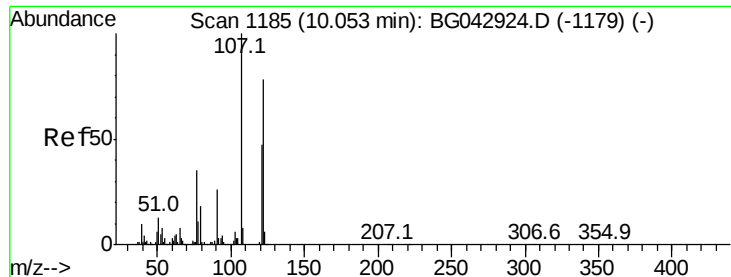
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	139	Resp:	116842
Ion Ratio	Lower	Upper	
139	100		
109	37.8	31.0	46.6
65	58.7	48.4	72.6





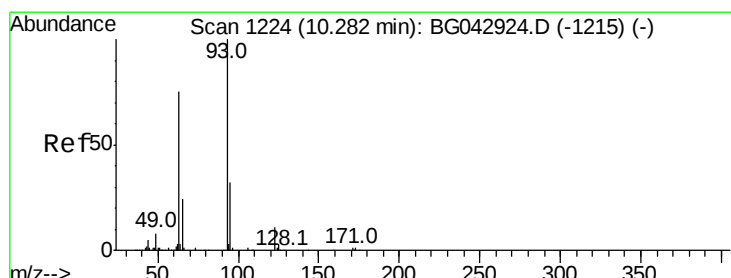
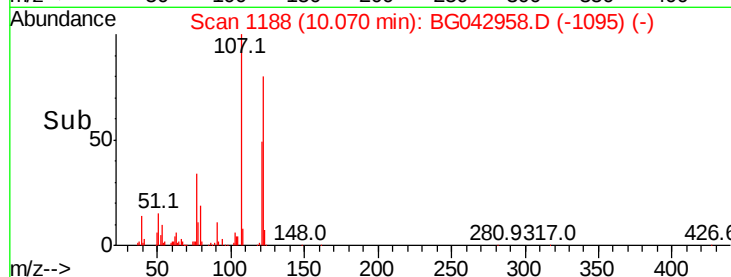
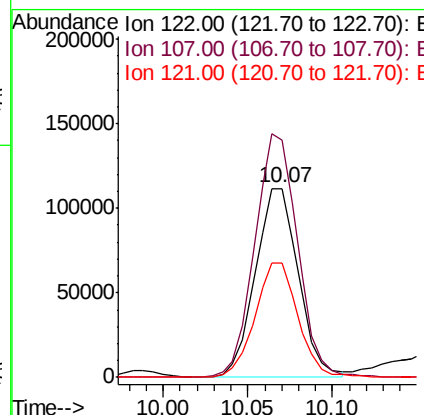
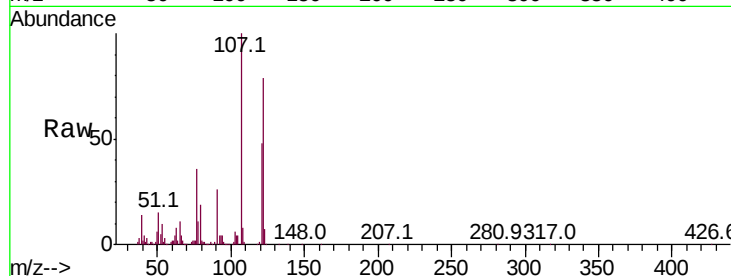
#27
2,4-Dimethylphenol
Concen: 55.998 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	102.2	153.2
121	60.8	48.5	72.7

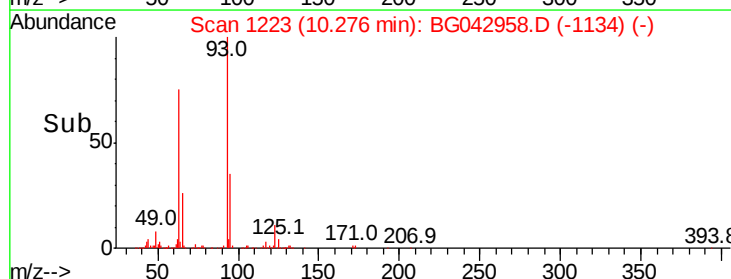
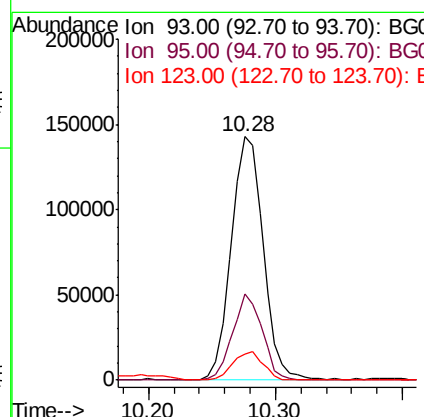
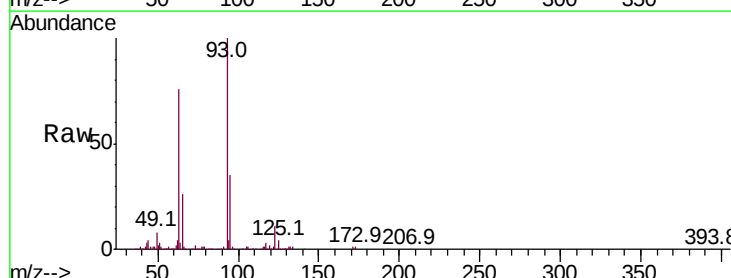
Manual Integrations
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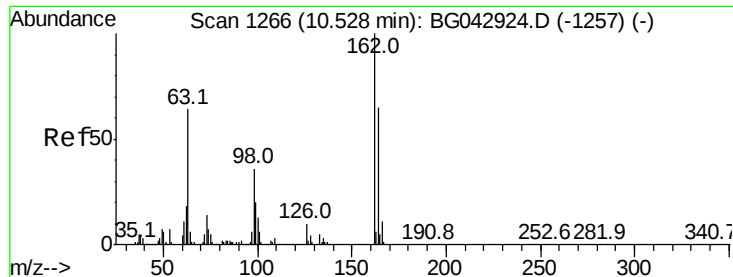
mohammad
10/2/2019 8:33:25 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.017 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.4	38.0
123	10.9	9.3	13.9





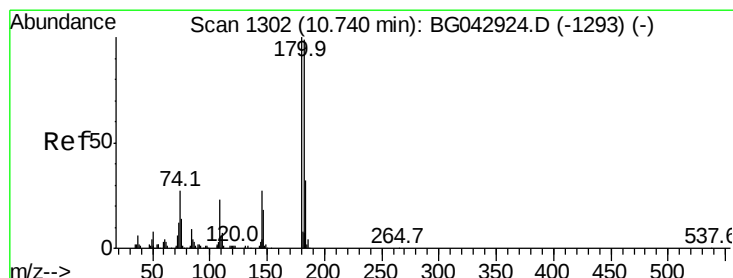
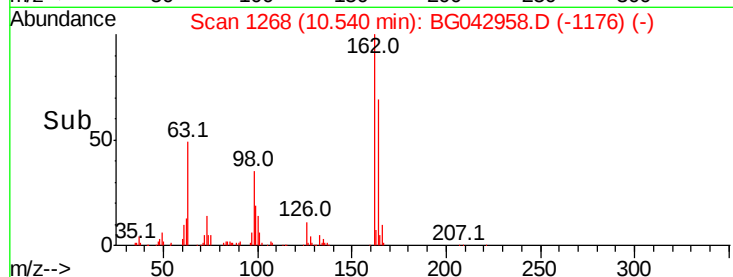
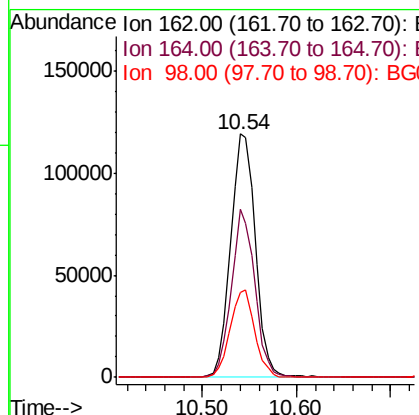
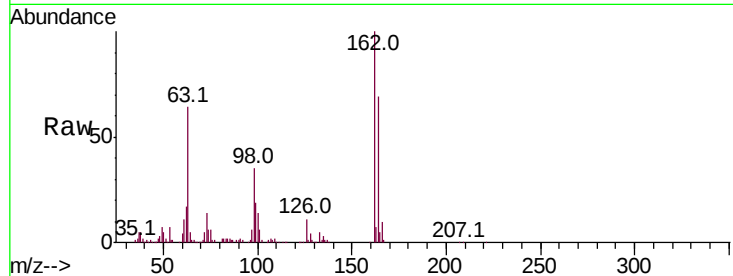
#29
2,4-Dichlorophenol
Concen: 49.593 ng
RT: 10.54 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	44.7	84.7
98	34.8	16.0	56.0

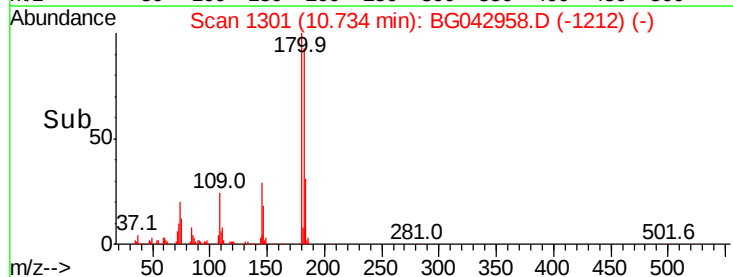
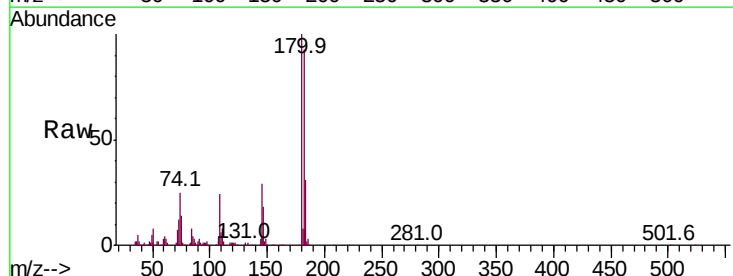
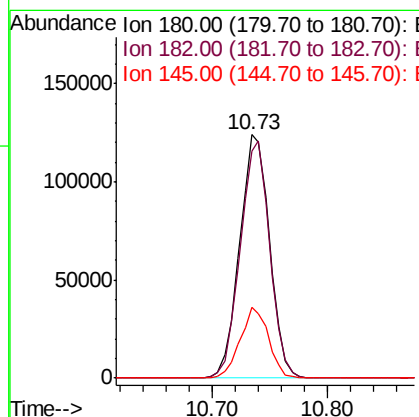
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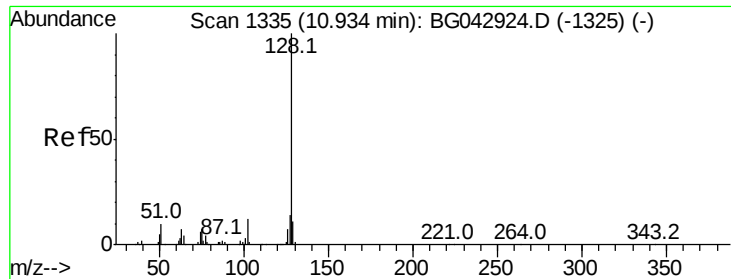
mohammad
10/2/2019 8:33:25 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.054 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	79.3	118.9
145	28.9	22.0	33.0





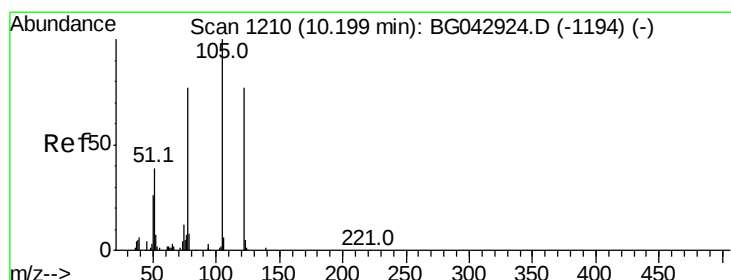
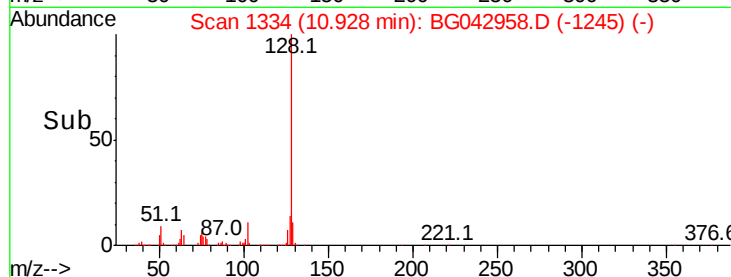
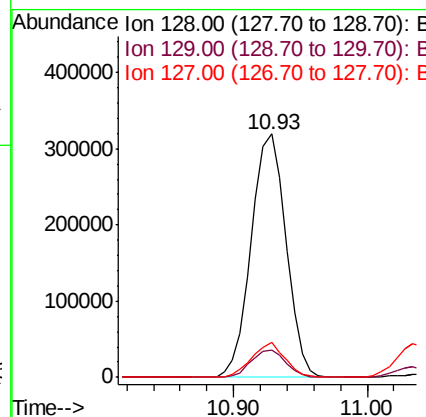
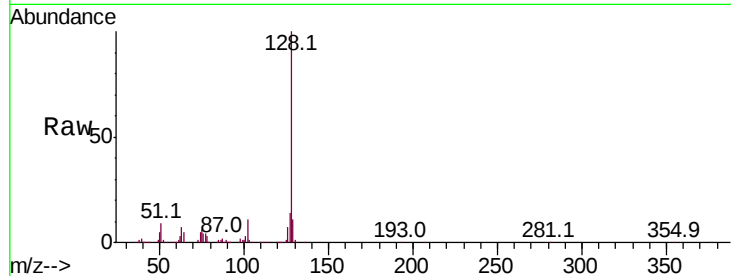
#31
Naphthalene
Concen: 42.438 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	14.2	11.3	16.9

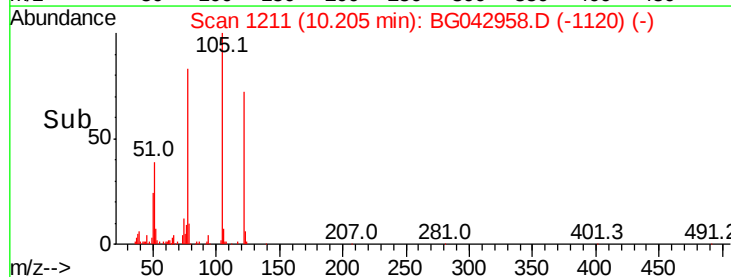
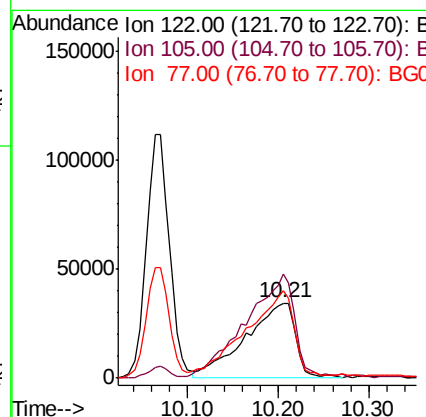
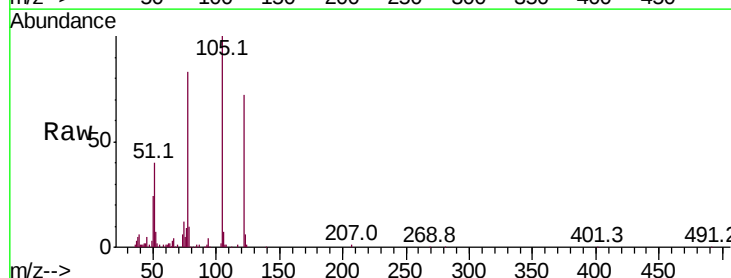
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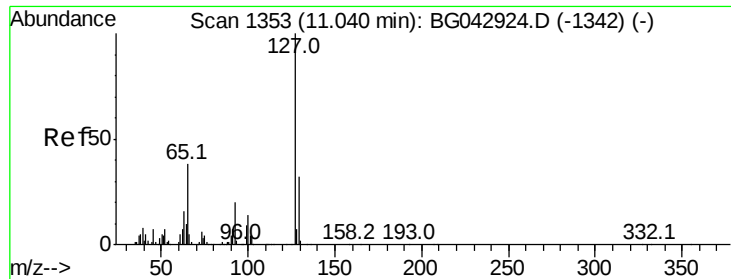
mohammad
10/2/2019 8:33:25 AM



#32
Benzoic acid
Concen: 48.430 ng
RT: 10.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.0	107.5	147.5
77	115.8	79.8	119.8





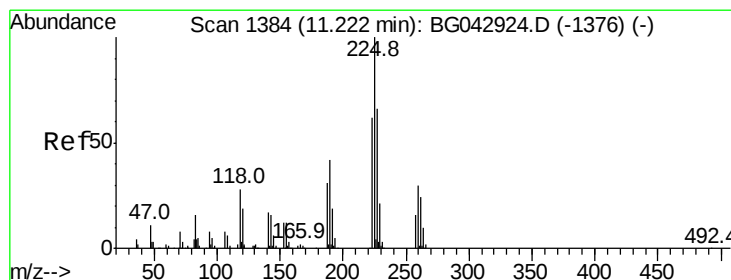
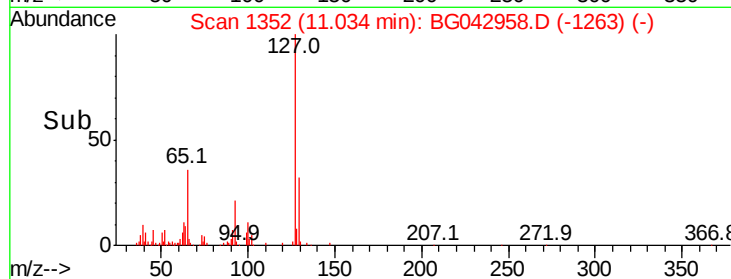
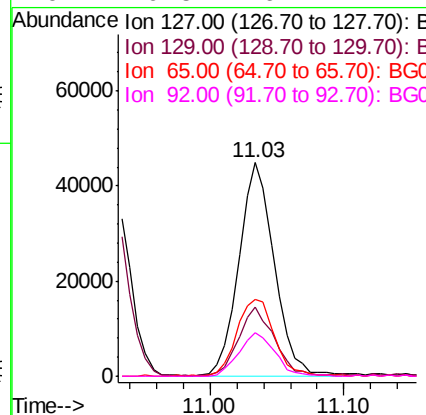
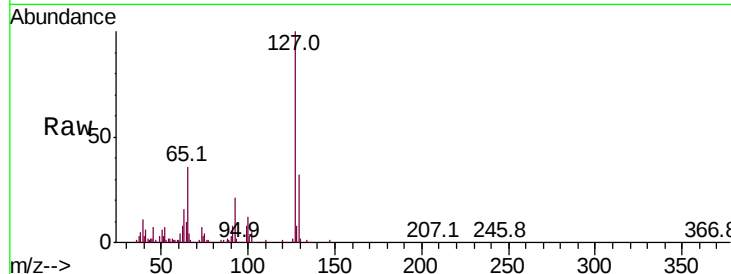
#33
4-Chloroaniline
Concen: 14.014 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	36.0	30.6	45.8
92	20.5	16.2	24.4

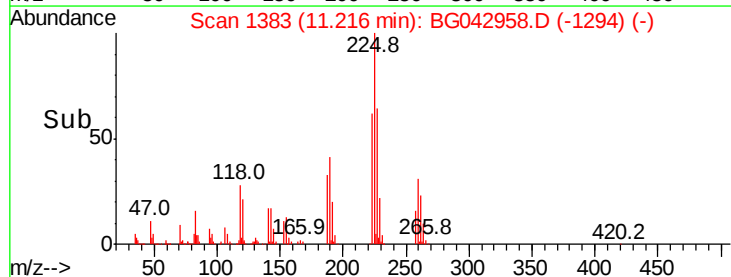
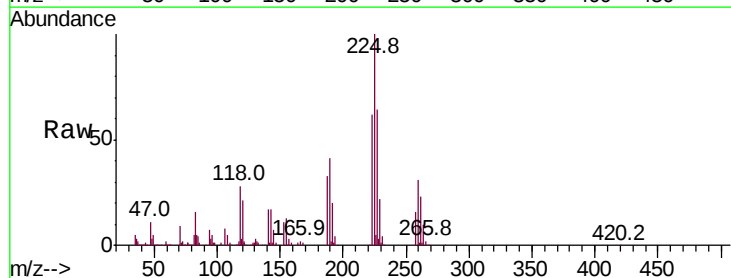
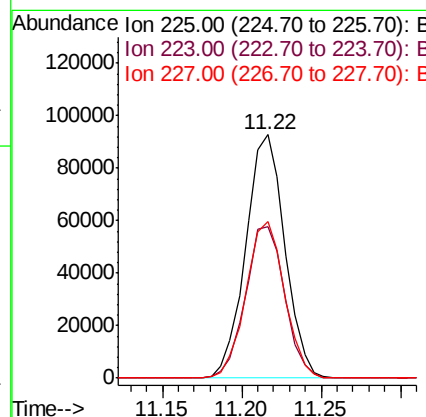
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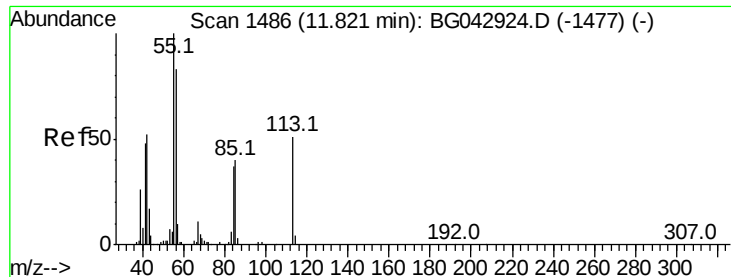
mohammad
10/2/2019 8:33:25 AM



#34
Hexachlorobutadiene
Concen: 37.306 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.3	73.9
227	64.3	52.8	79.2





#35

Caprolactam

Concen: 43.837 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

PAT-091019-BMSD

Tot Ion:113 Resp: 68075

Ion Ratio Lower Upper

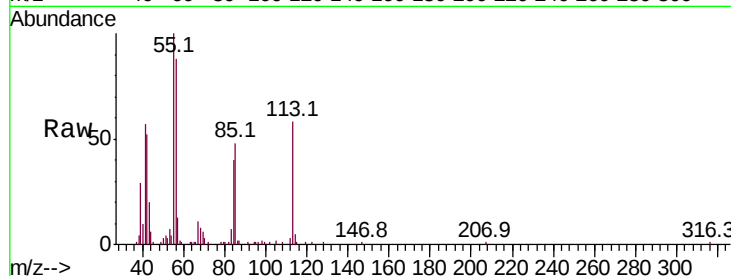
113 100

55 171.3 175.5 215.5#

56 150.9 142.3 182.3

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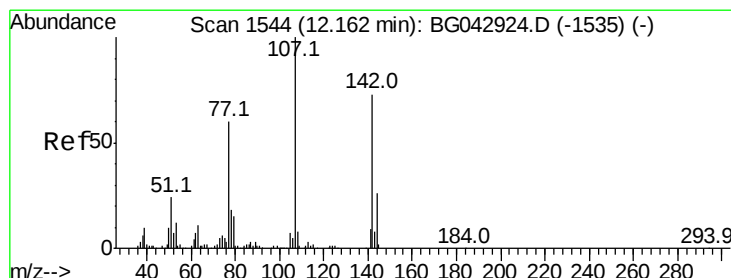
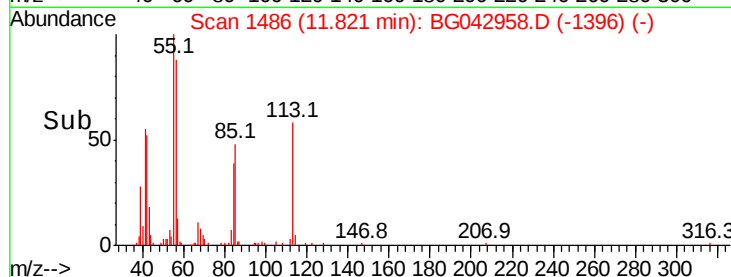
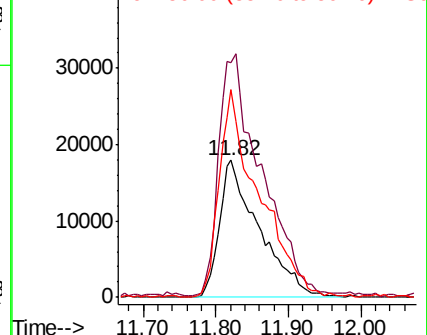
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.745 ng

RT: 12.16 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

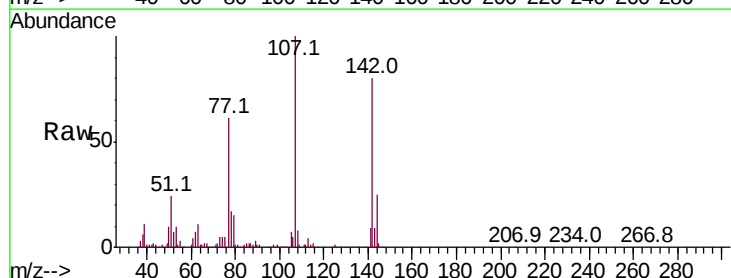
Tgt Ion:107 Resp: 242964

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

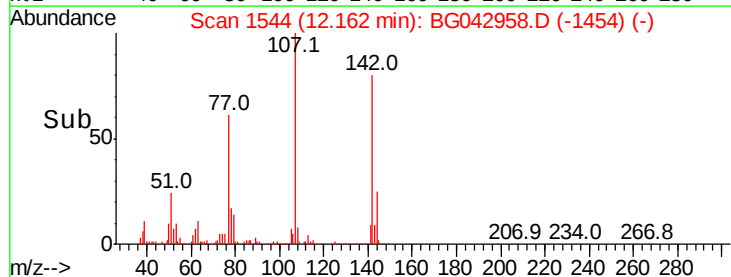
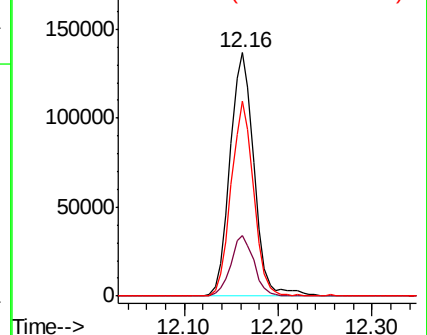
142 80.0 58.6 87.8

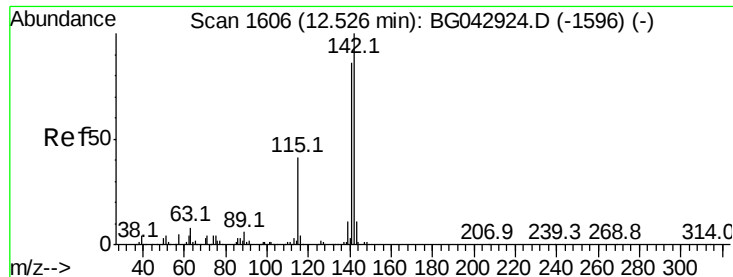


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





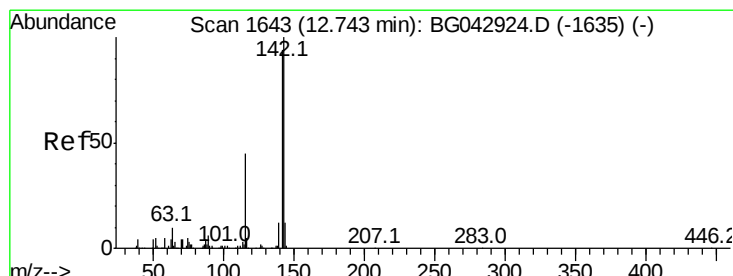
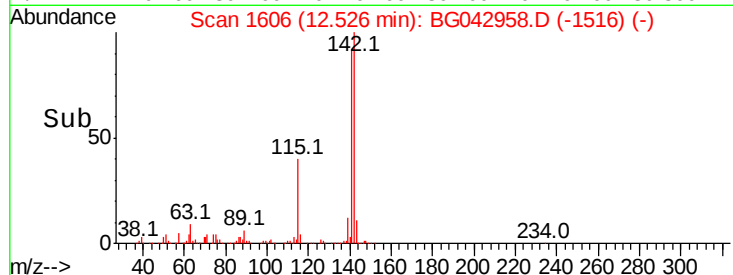
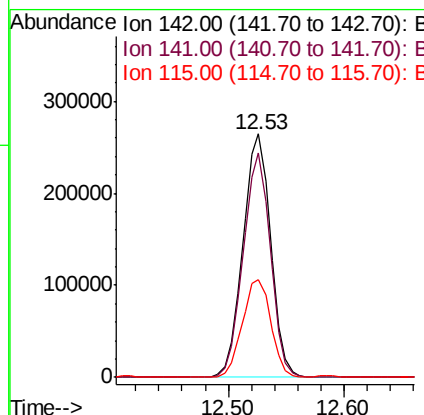
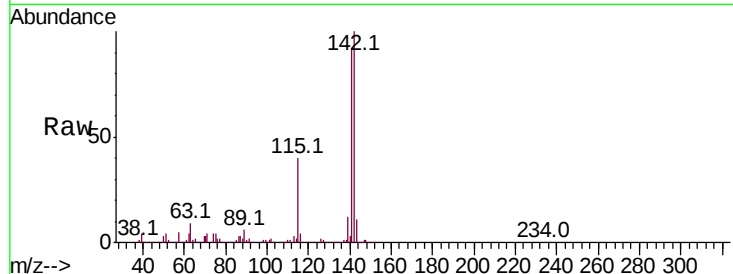
#37
 2-Methylnaphthalene
 Concen: 42.515 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.2	69.0	103.4	
115	40.3	32.8	49.2	

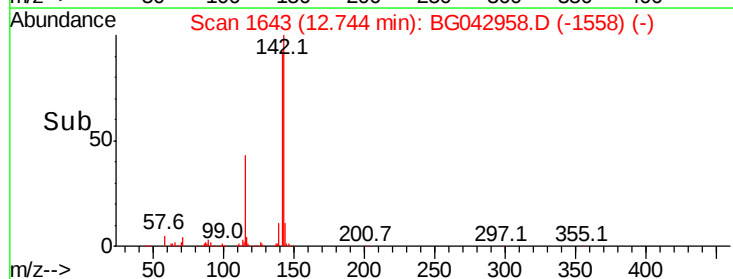
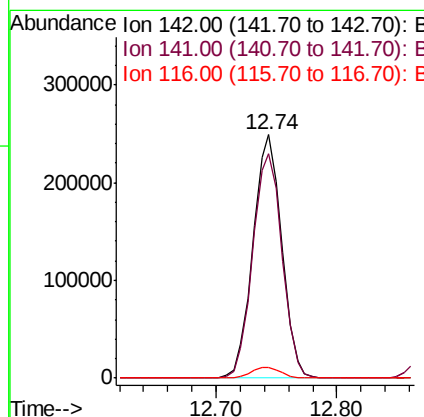
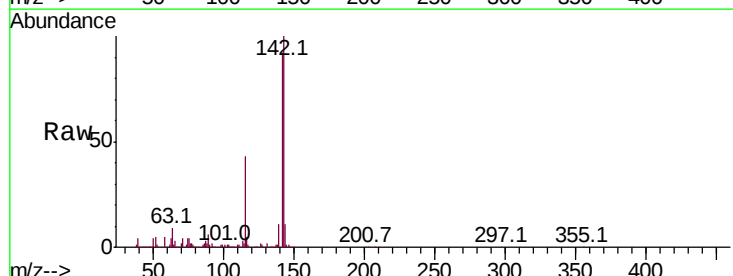
Manual Integrations
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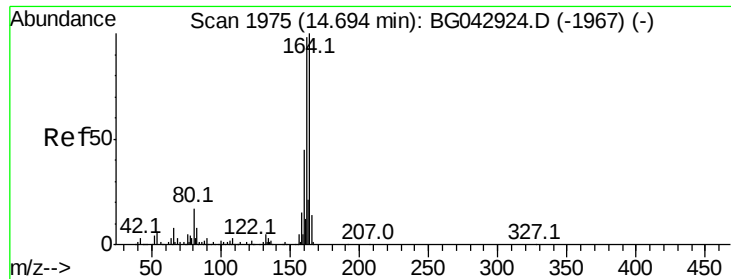
mohammad
 10/2/2019 8:33:25 AM



#38
 1-Methylnaphthalene
 Concen: 42.014 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.2	74.9	112.3	
116	4.5	3.7	5.5	





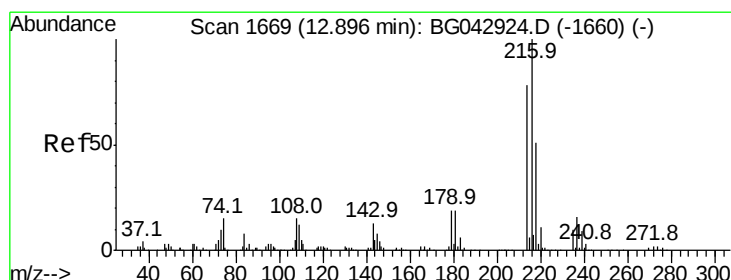
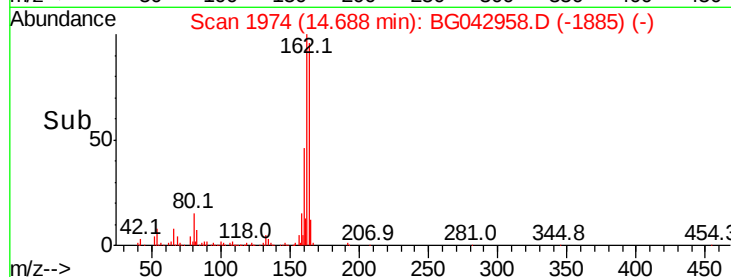
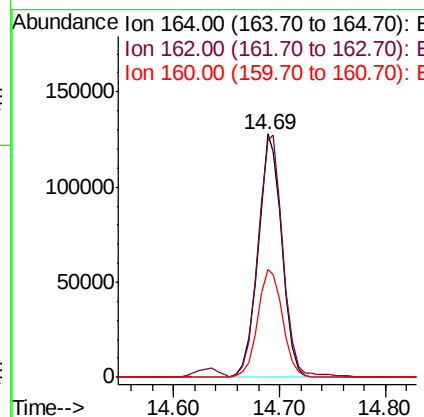
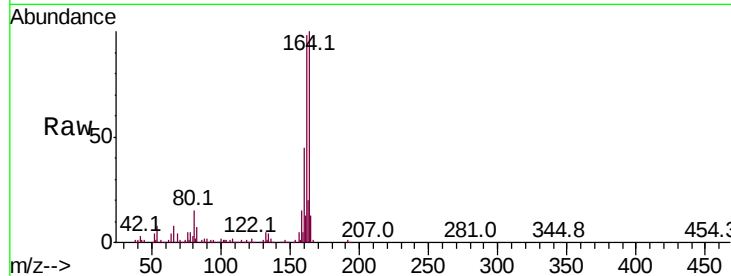
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	78.5	117.7
160	44.5	35.9	53.9

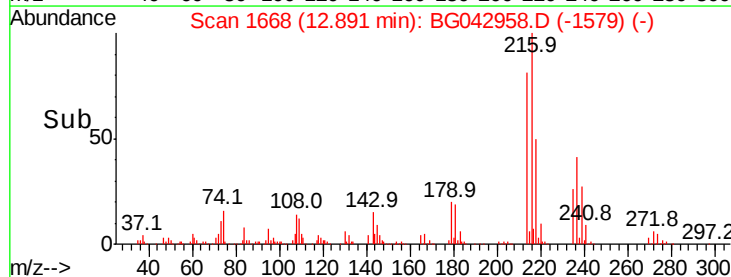
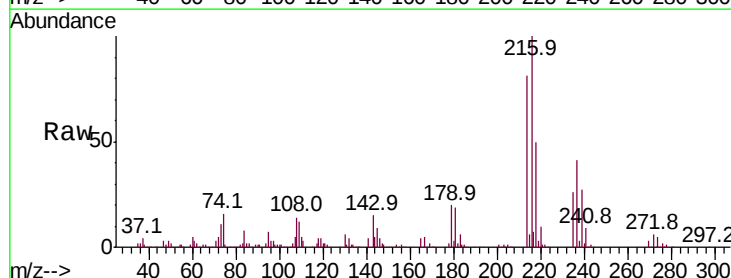
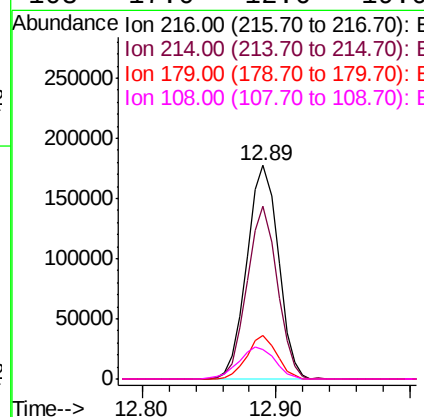
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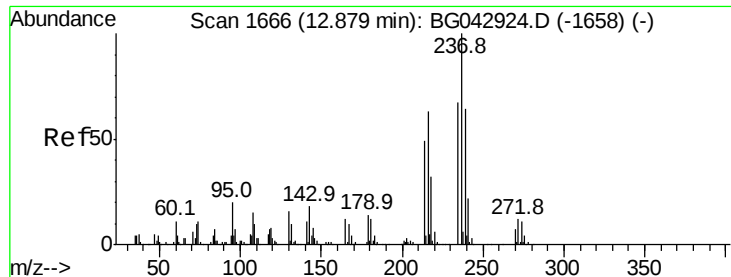
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.488 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.4	93.6
179	19.5	15.4	23.2
108	17.0	12.6	19.0





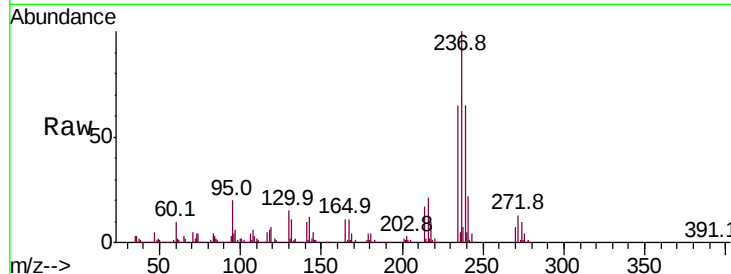
#41
Hexachlorocyclopentadiene
Concen: 82.533 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

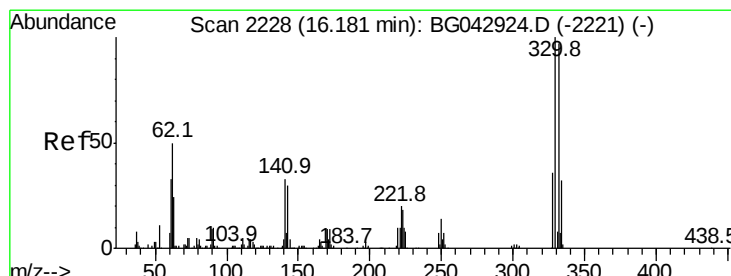
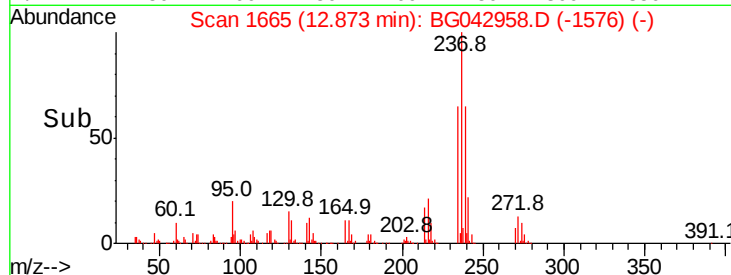
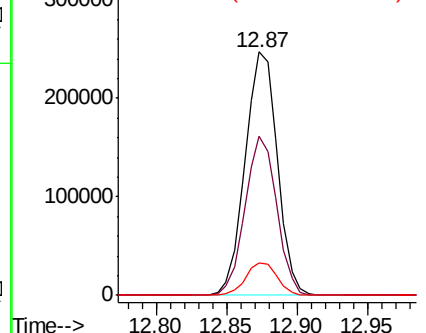
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.4	46.7	86.7	
272	13.4	0.0	32.3	

Manual Integrations
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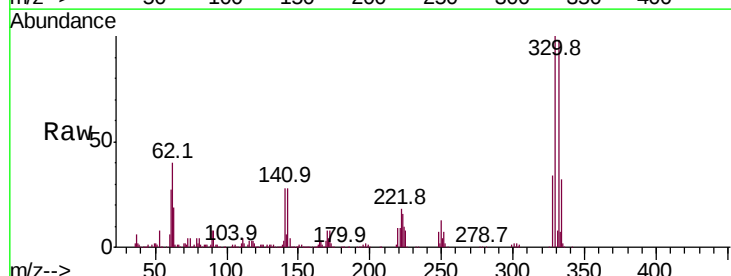


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

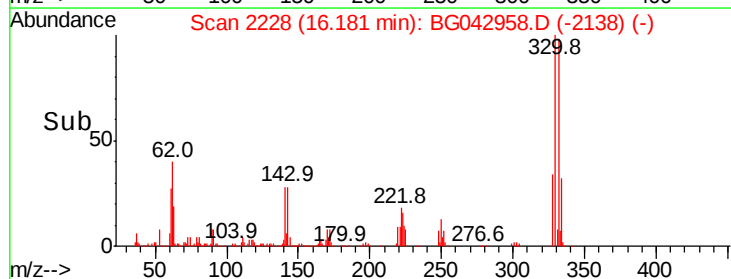
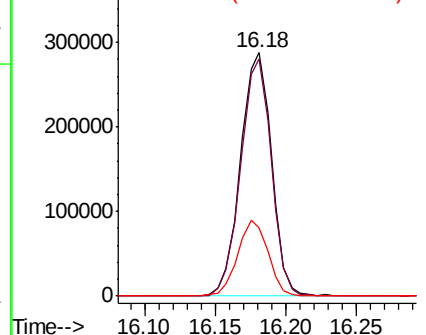


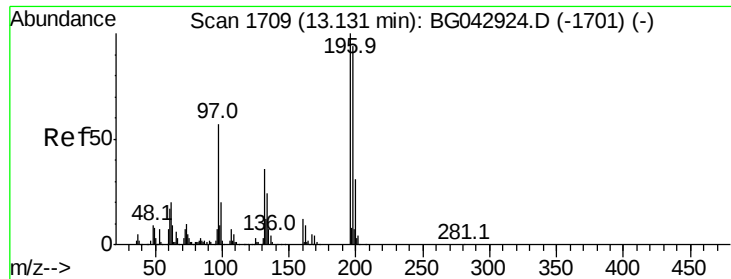
#42
2,4,6-Tribromophenol
Concen: 128.389 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	78.2	117.2	
141	30.9	26.0	39.0	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





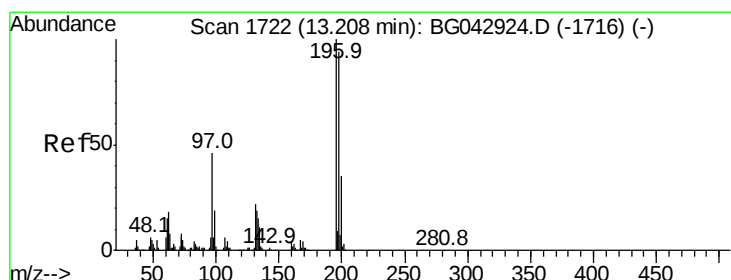
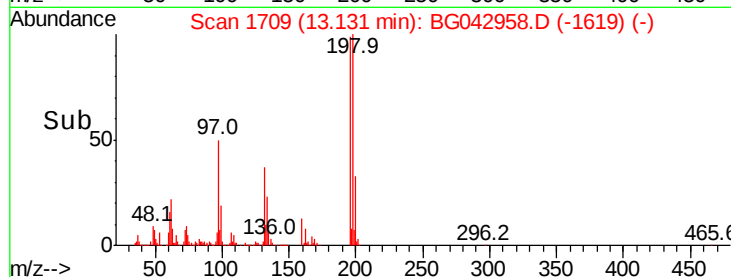
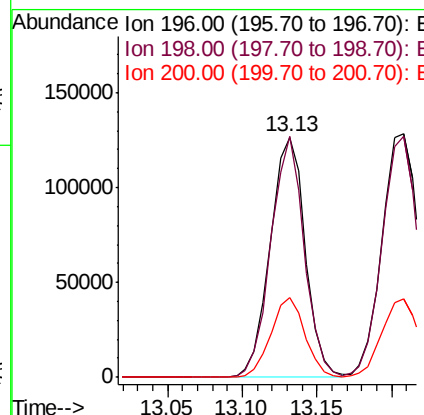
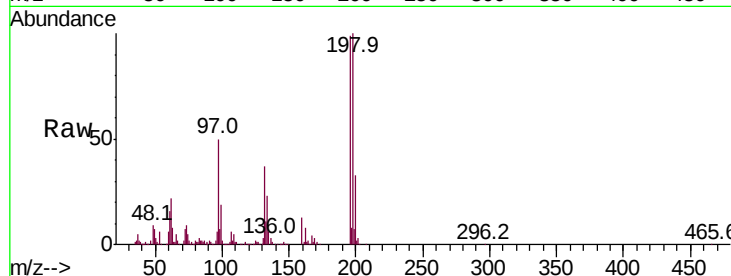
#43
 2,4,6-Trichlorophenol
 Concen: 46.935 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206152		
198	100.6	75.5	113.3	
200	33.1	24.9	37.3	

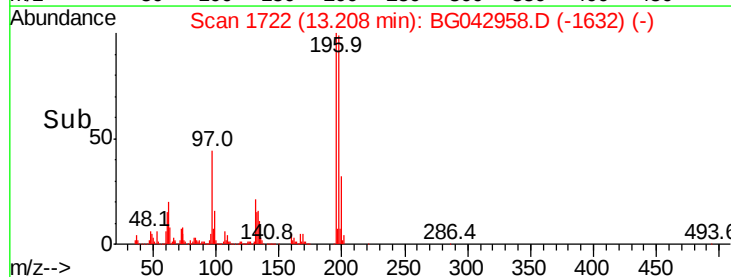
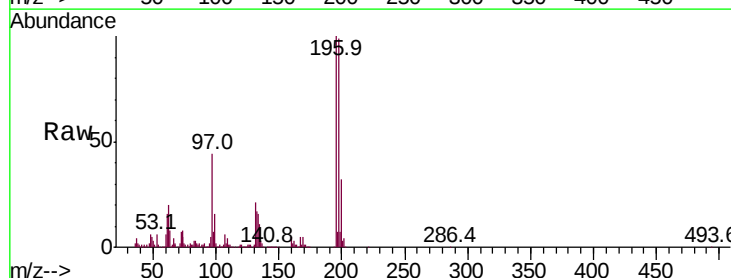
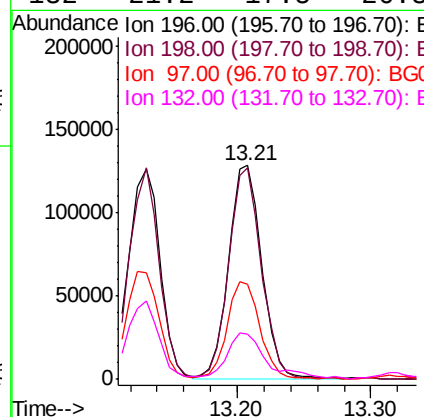
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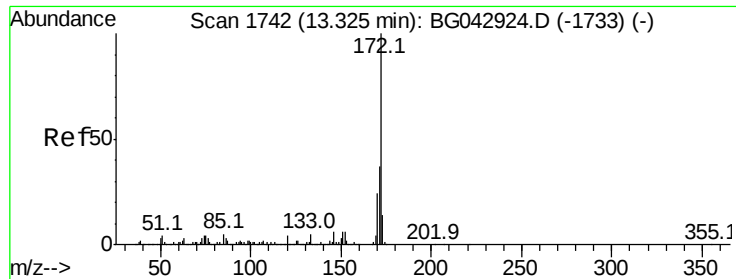
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#44
 2,4,5-Trichlorophenol
 Concen: 49.076 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222057		
198	98.9	75.1	112.7	
97	44.2	37.0	55.4	
132	21.2	17.5	26.3	





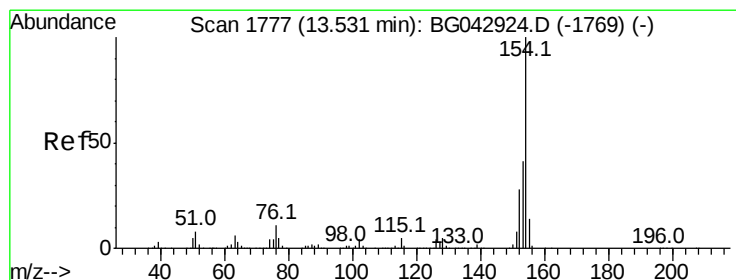
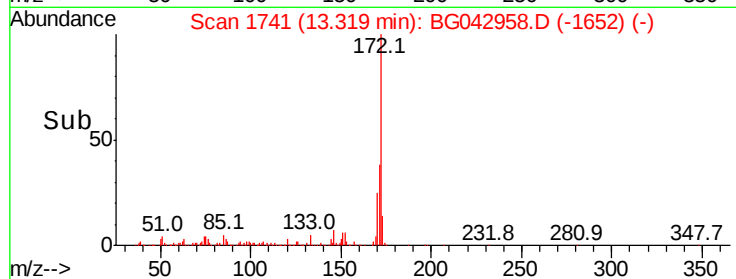
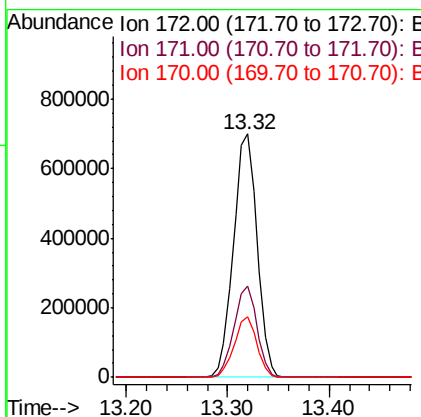
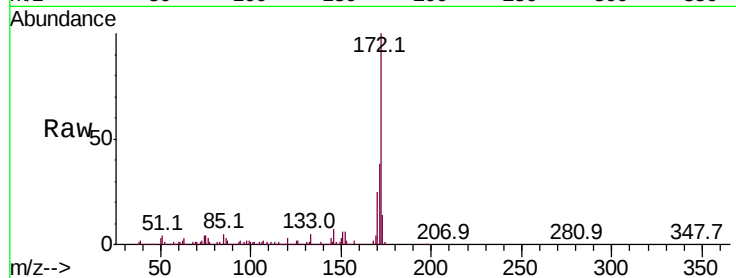
#45
 2-Fluorobiphenyl
 Concen: 82.351 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	24.7	19.6	29.4

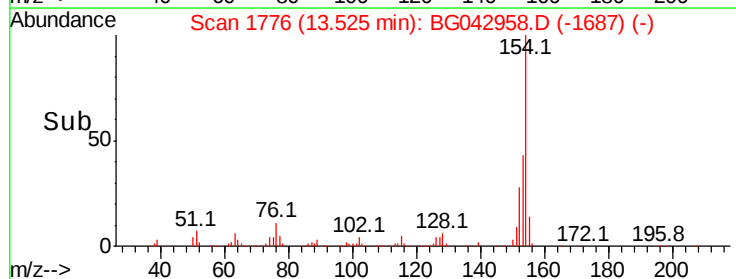
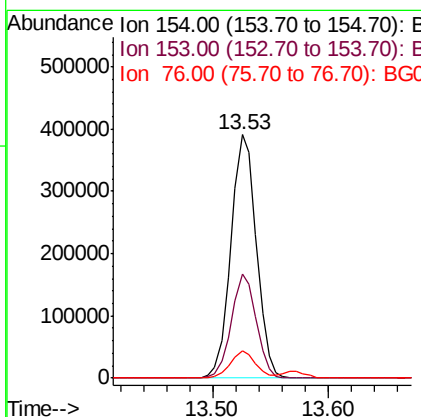
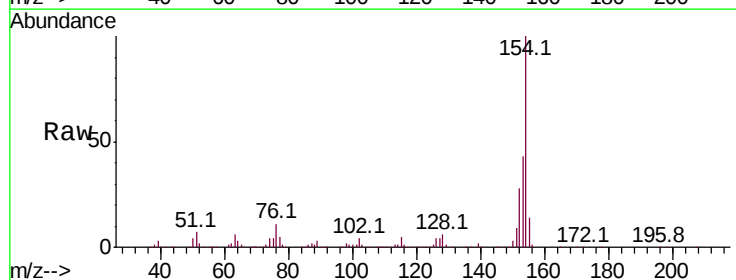
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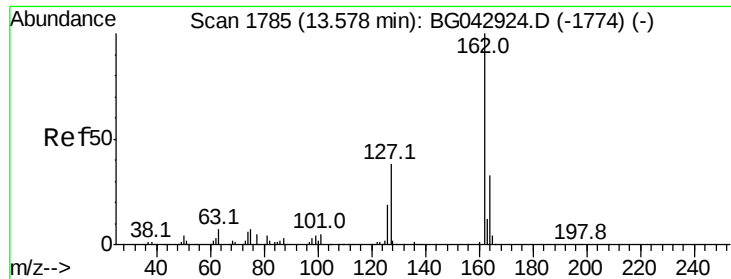
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#46
 1,1'-Biphenyl
 Concen: 39.281 ng
 RT: 13.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.4	61.4
76	11.2	0.0	31.3





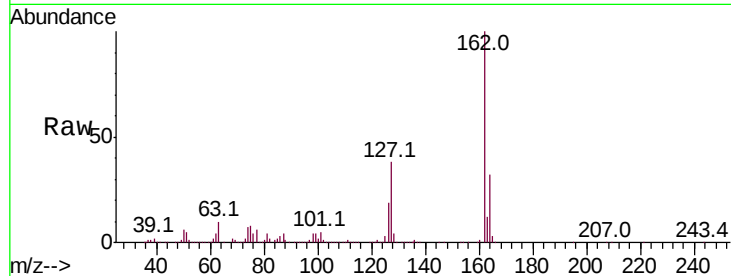
#47
 2-Chloronaphthalene
 Concen: 40.509 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

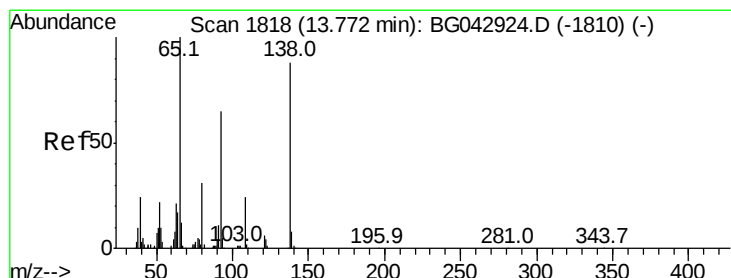
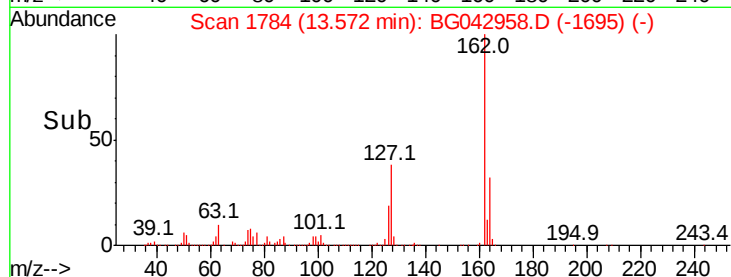
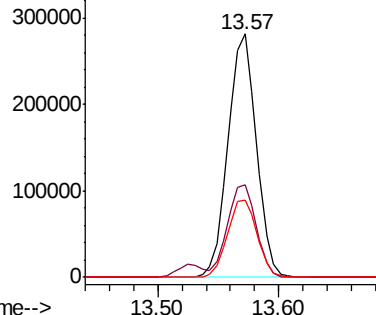
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	31.6	26.2	39.2

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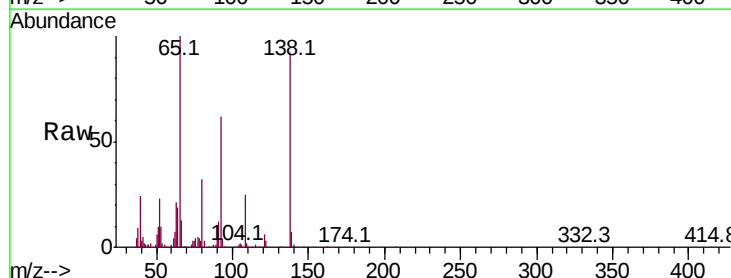


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

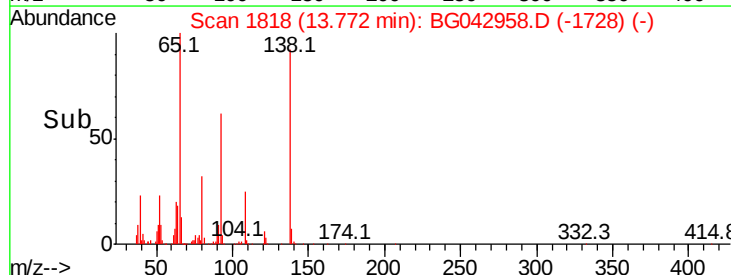
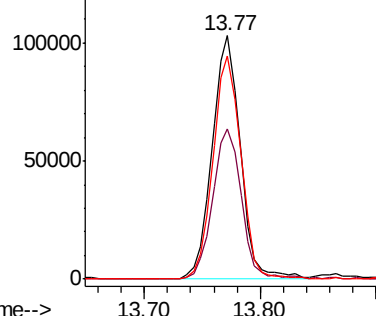


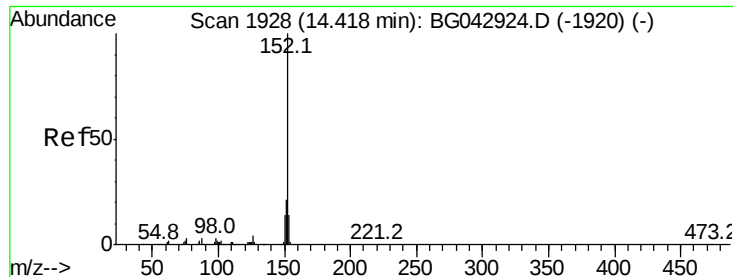
#48
 2-Nitroaniline
 Concen: 46.338 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	52.0	78.0
138	91.8	70.4	105.6



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





#49

Acenaphthylene

Concen: 43.013 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

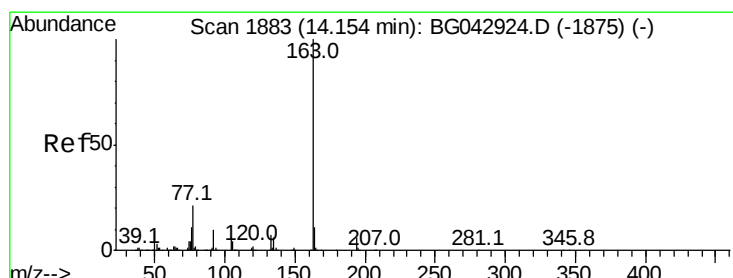
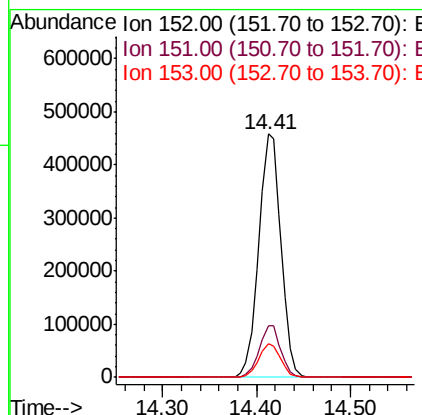
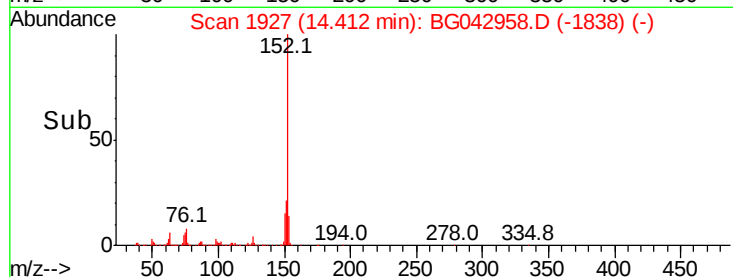
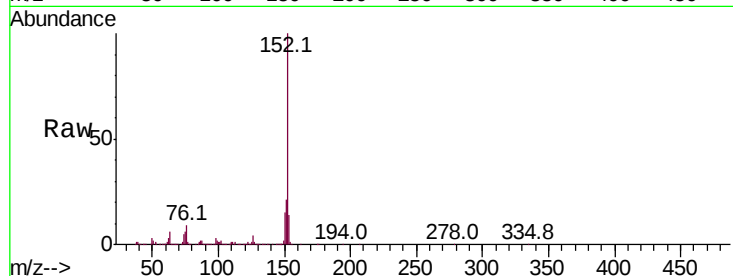
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	152	Resp:	746867
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	13.9	11.3	16.9

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#50

Dimethylphthalate

Concen: 50.633 ng

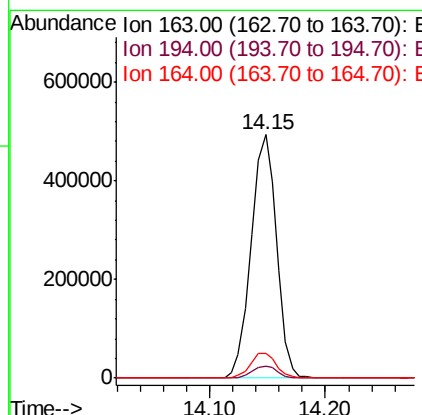
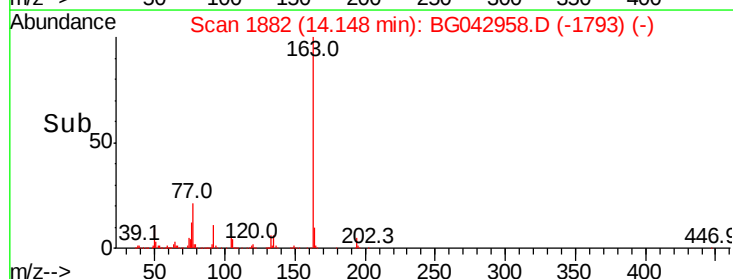
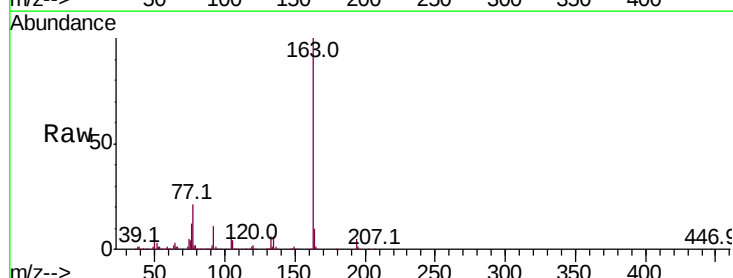
RT: 14.15 min Scan# 1882

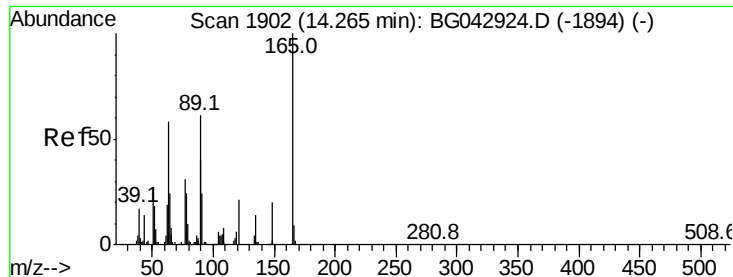
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	163	Resp:	757172
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.4	6.6
164	10.3	8.6	12.8





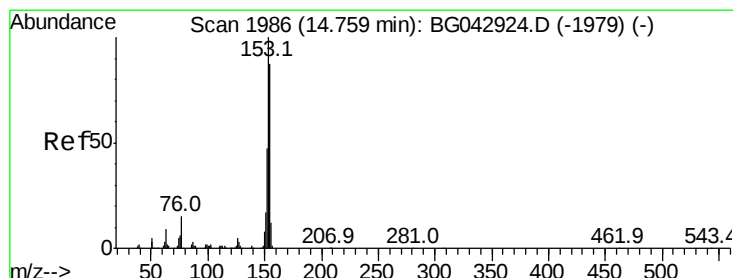
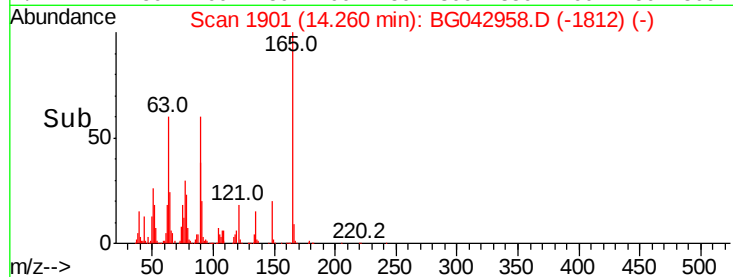
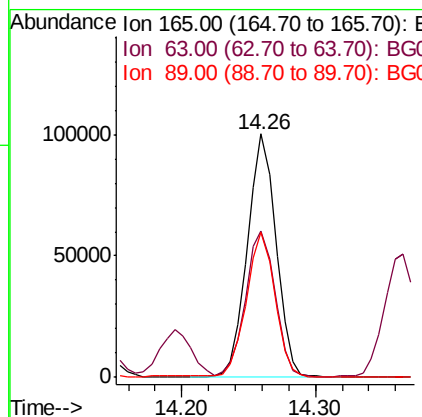
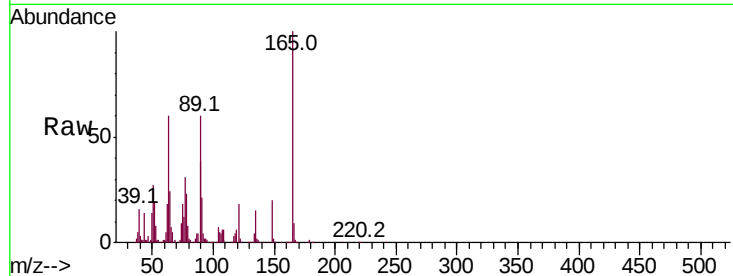
#51
2,6-Dinitrotoluene
Concen: 46.620 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	148468		
63	60.2	50.3	75.5	
89	59.8	48.9	73.3	

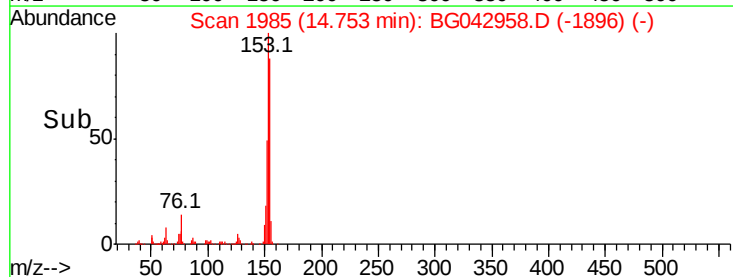
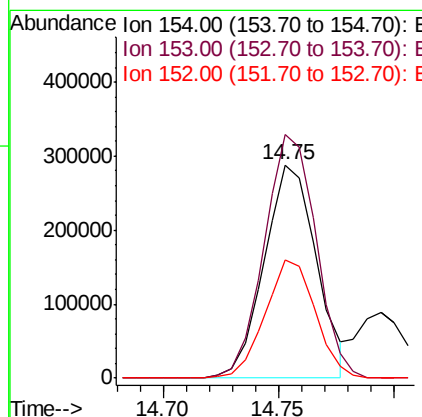
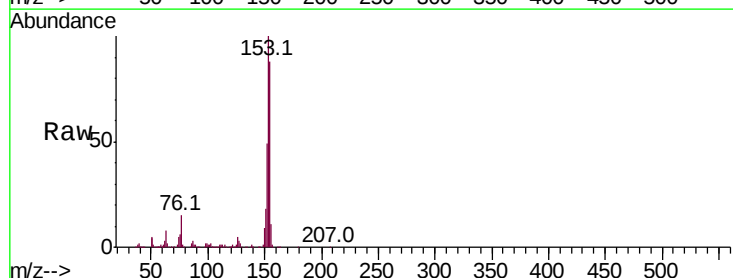
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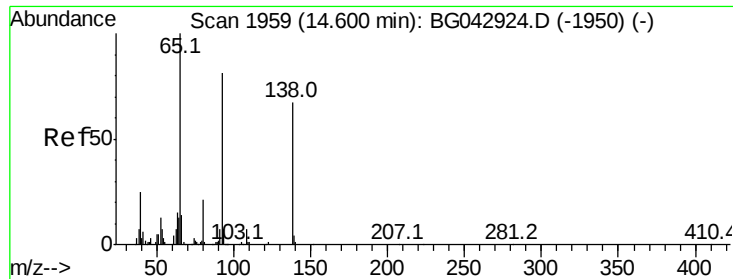
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#52
Acenaphthene
Concen: 38.805 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	451016		
153	114.1	91.4	137.0	
152	55.5	42.8	64.2	





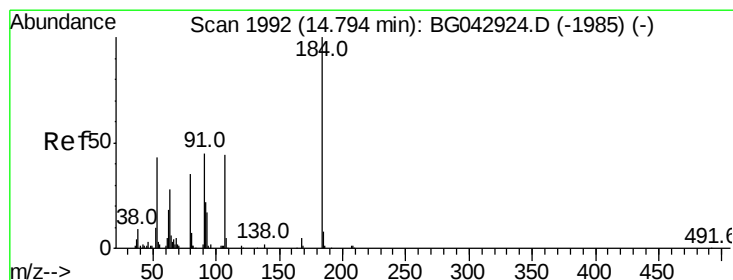
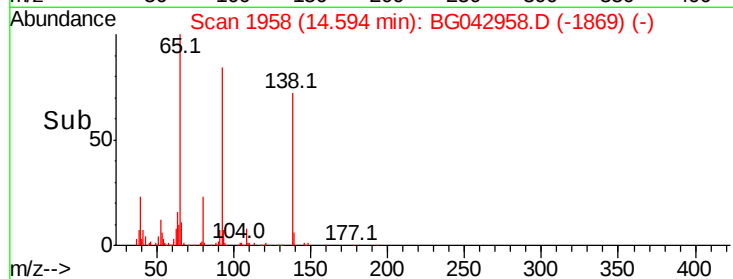
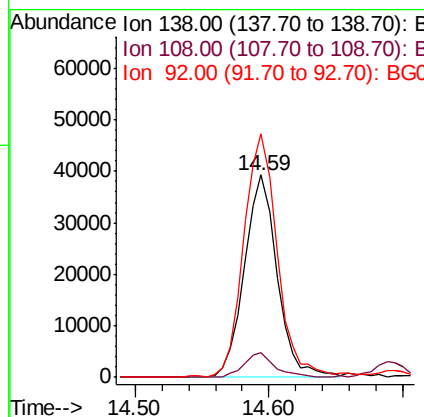
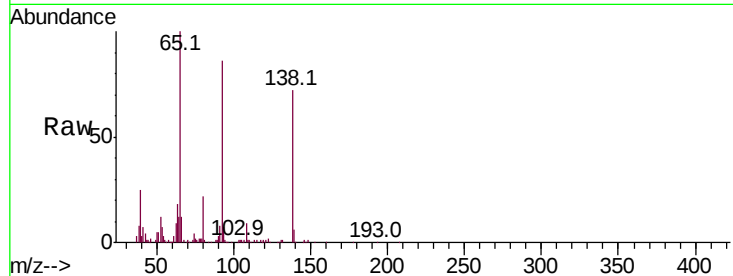
#53
 3-Nitroaniline
 Concen: 20.272 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	7.9	11.9#
92	120.3	97.0	145.6

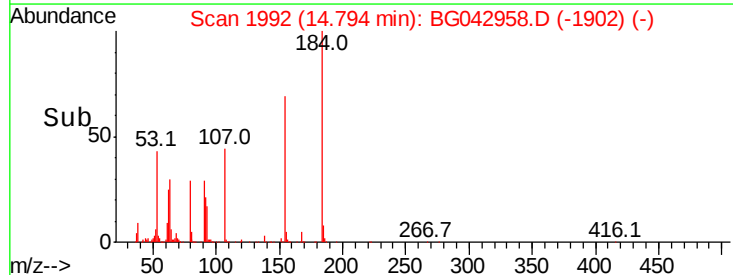
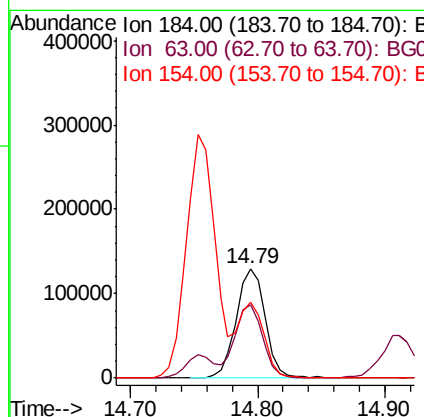
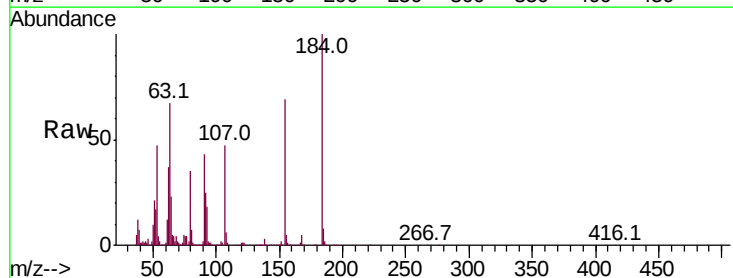
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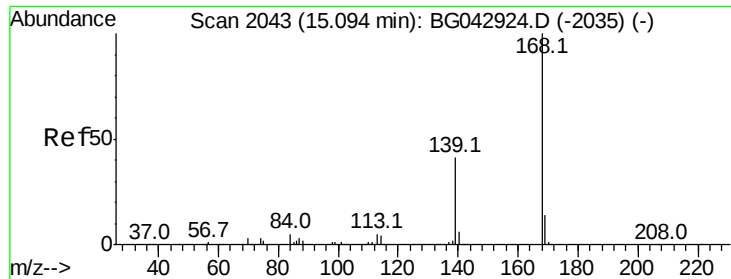
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#54
 2,4-Dinitrophenol
 Concen: 103.370 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.2	55.0	82.6
154	68.9	56.5	84.7





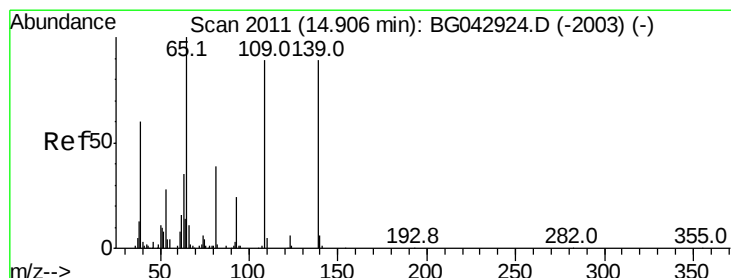
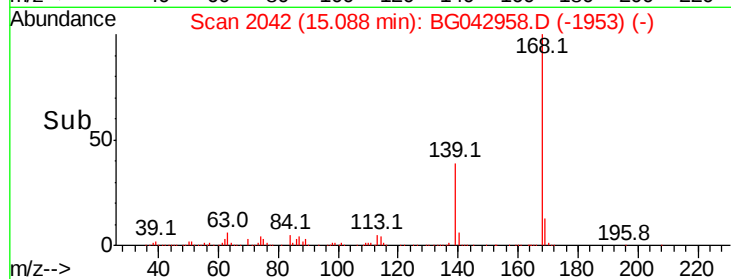
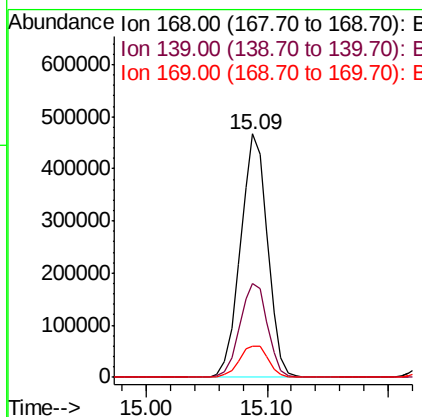
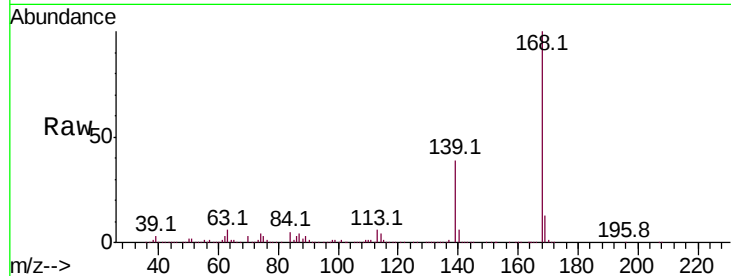
#55
Dibenzofuran
Concen: 42.441 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.6	48.8
169	12.9	11.2	16.8

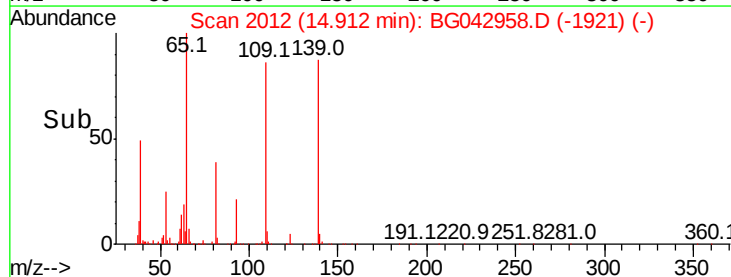
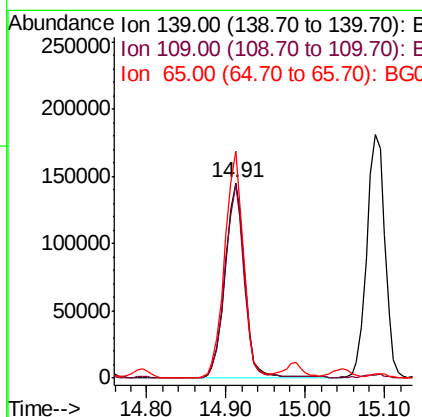
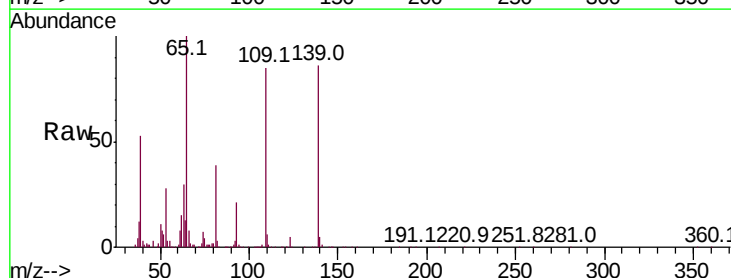
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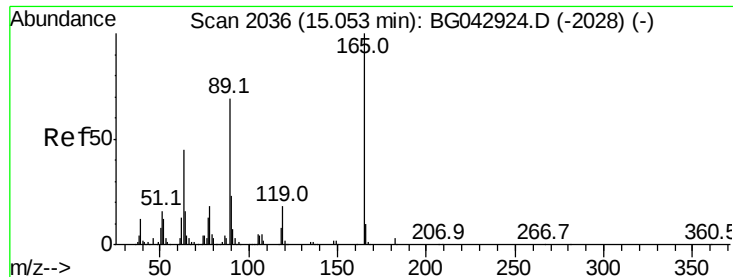
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#56
4-Nitrophenol
Concen: 100.210 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.9	79.4	119.4
65	116.3	92.5	132.5





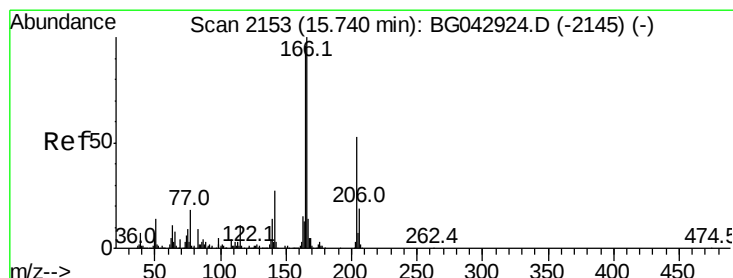
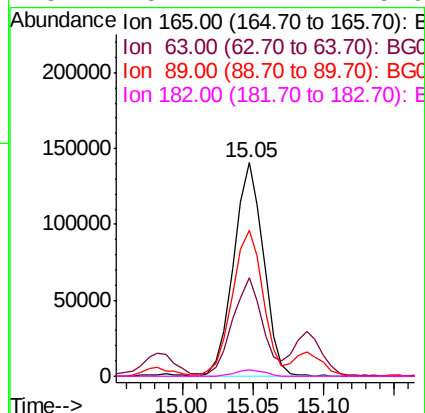
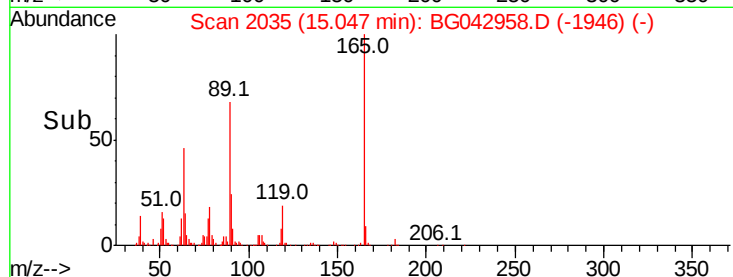
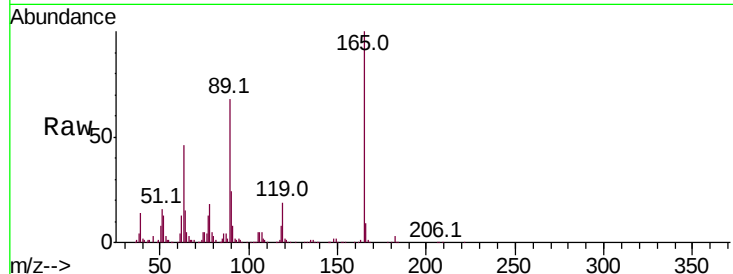
#57
 2,4-Dinitrotoluene
 Concen: 44.415 ng
 RT: 15.05 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	207132		
63	46.3		36.5	54.7
89	68.2		55.5	83.3
182	3.1		2.4	3.6

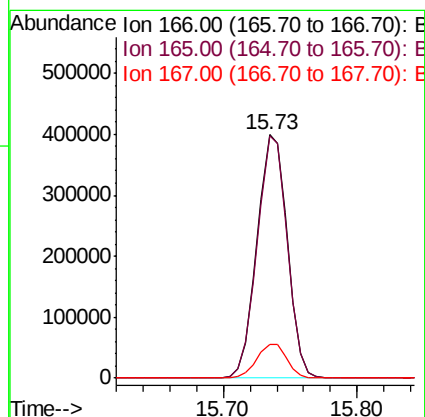
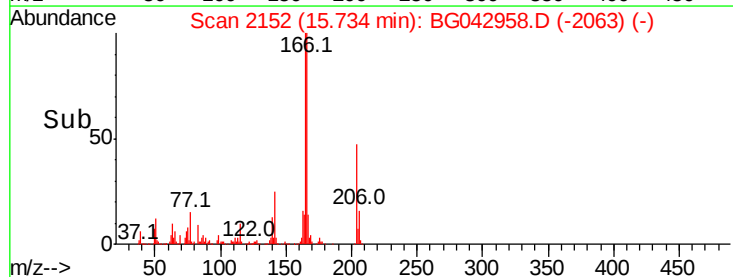
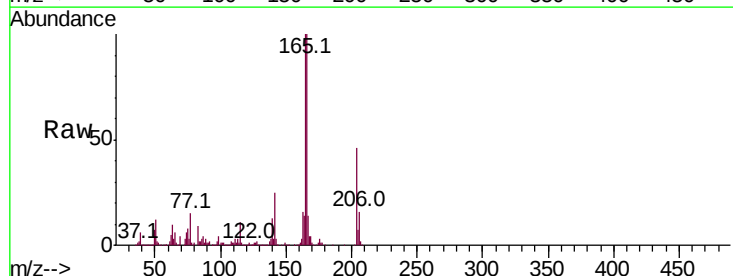
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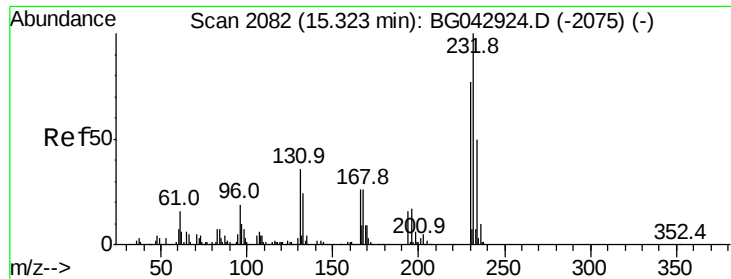
mohammad
 10/2/2019 8:33:25 AM



#58
 Fluorene
 Concen: 42.548 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	624539		
165	99.6		77.1	115.7
167	13.8		11.0	16.6





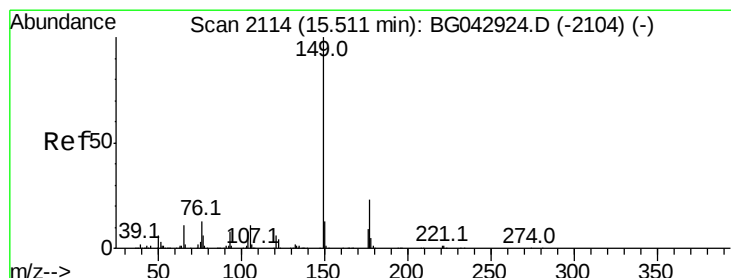
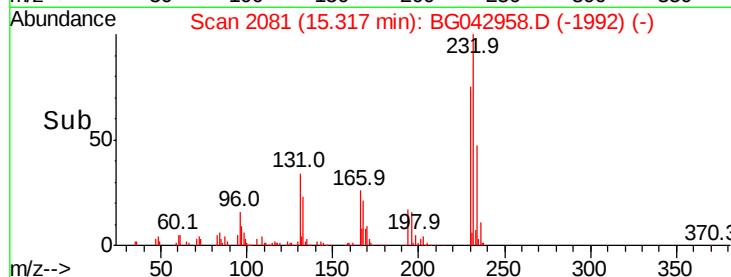
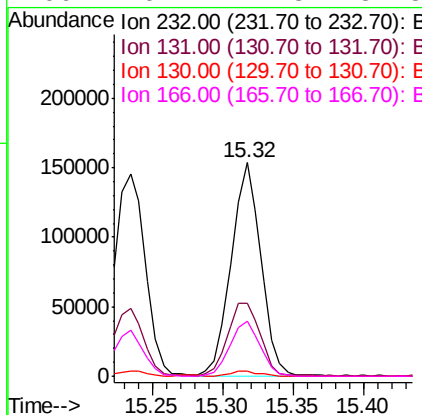
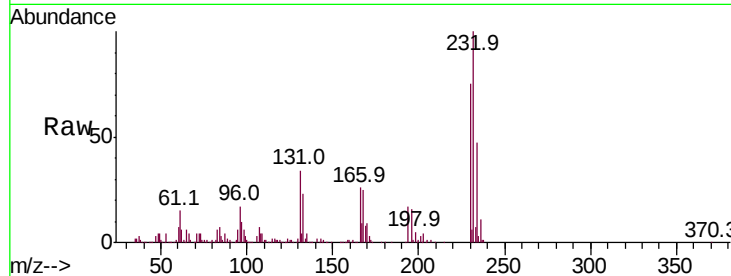
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.663 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.5	29.6	44.4	
130	2.4	1.9	2.9	
166	26.2	21.8	32.8	

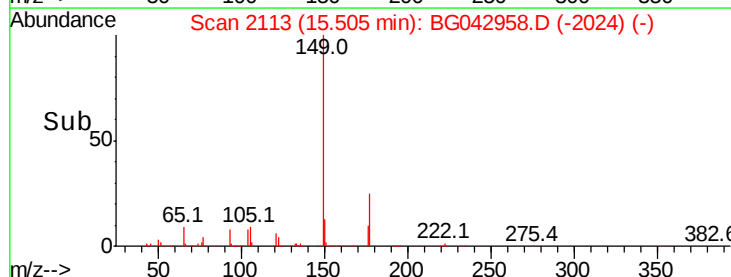
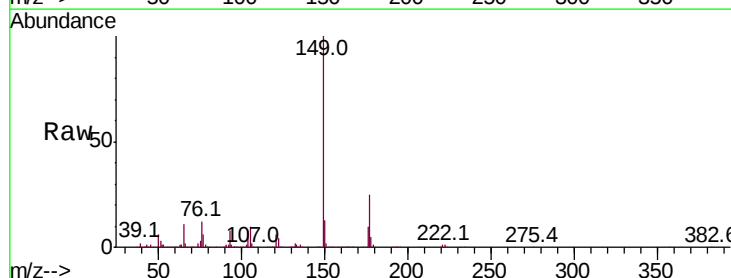
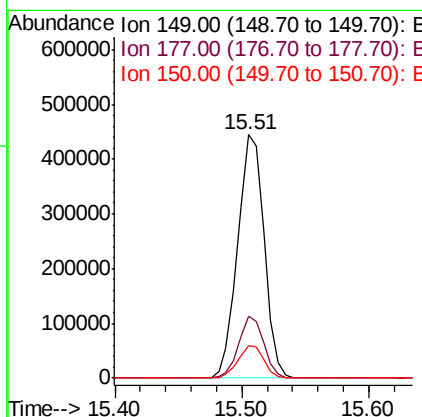
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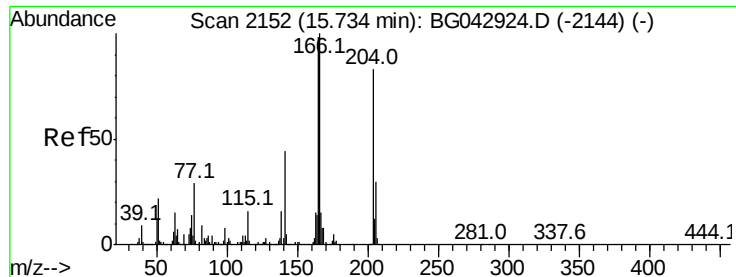
mohammad
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#60
 Diethylphthalate
 Concen: 42.051 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.1	18.8	28.2	
150	13.3	10.6	15.8	





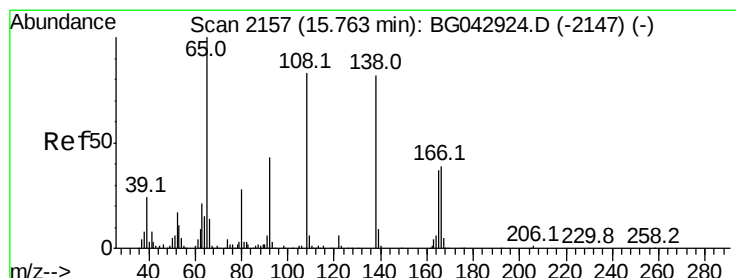
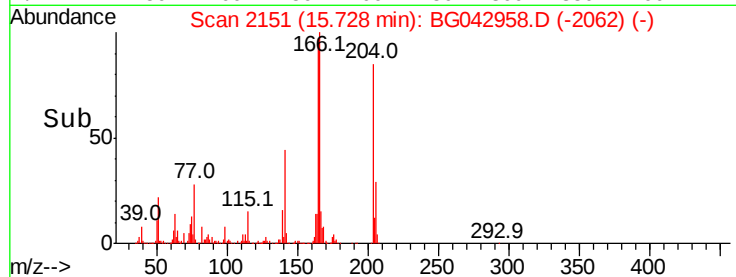
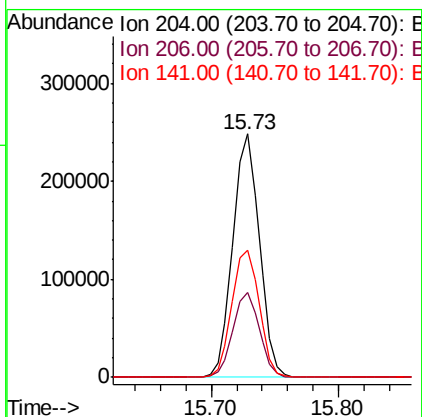
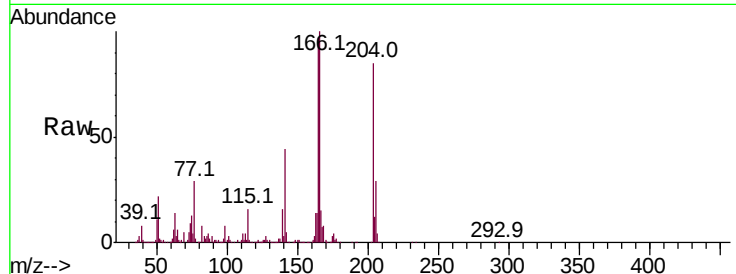
#61
4-Chlorophenyl-phenylether
Concen: 40.746 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	52.3	42.4	63.6

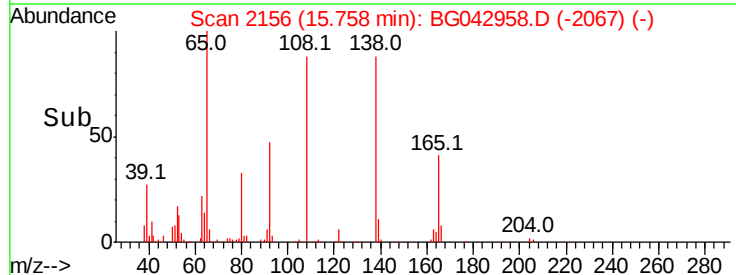
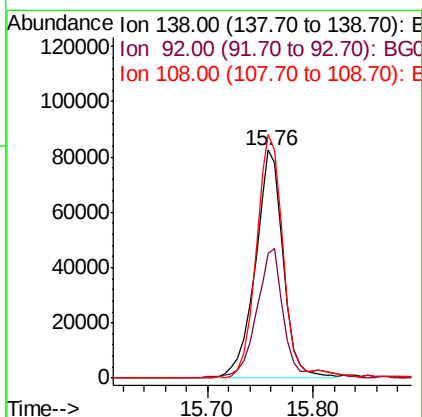
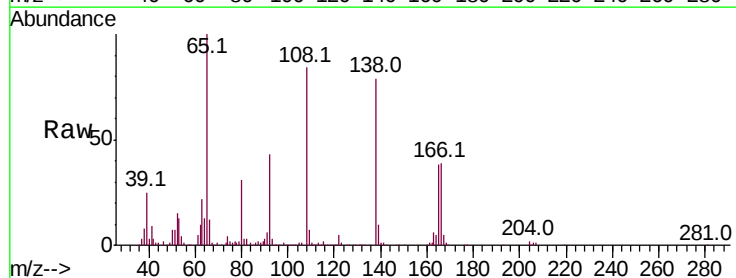
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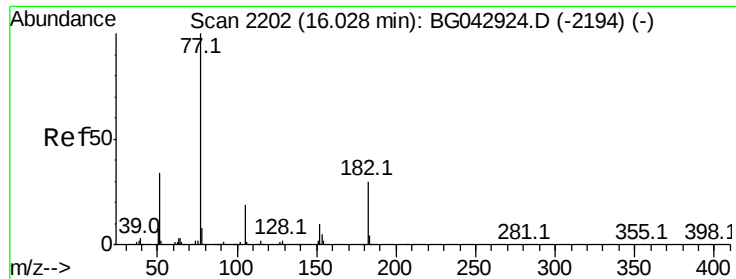
mohammad
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#62
4-Nitroaniline
Concen: 42.319 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	32.9	72.9
108	106.7	81.3	121.3





#63

Azobenzene

Concen: 41.519 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

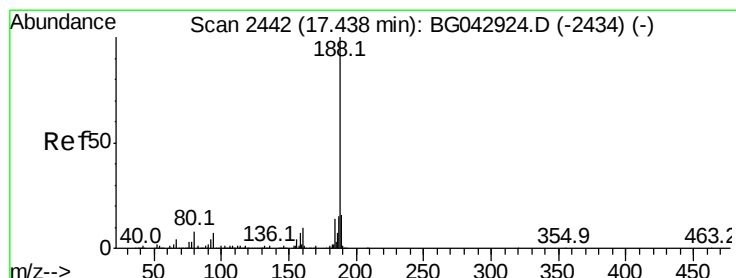
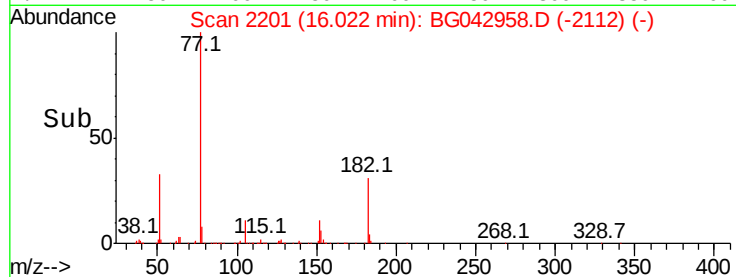
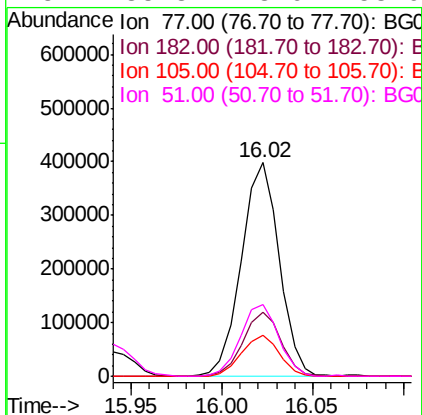
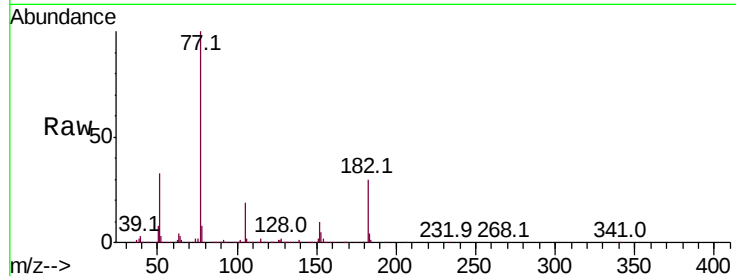
ClientSampleId :

PAT-091019-BMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		575276		
182	29.9	10.2	50.2		
105	19.3	0.0	39.1		
51	33.3	13.9	53.9		

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#64

Phenanthrene-d10

Concen: 20.000 ng

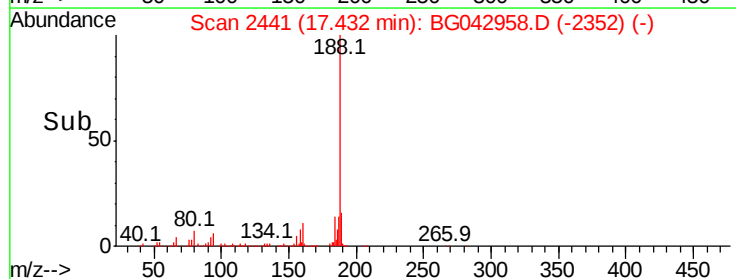
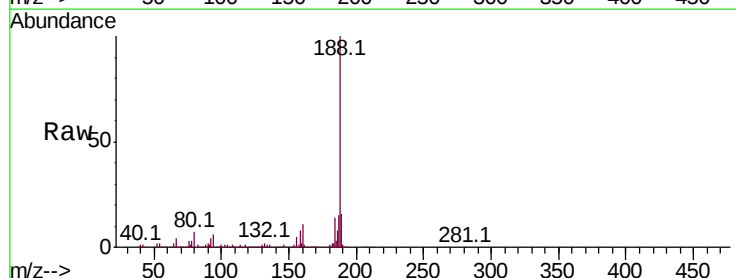
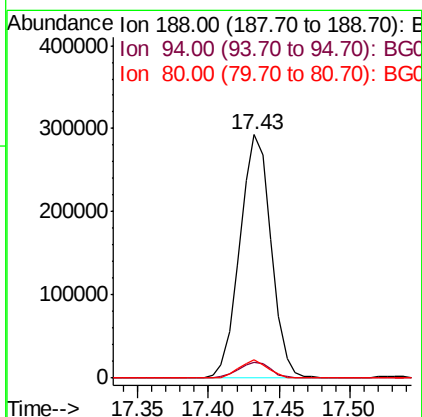
RT: 17.43 min Scan# 2441

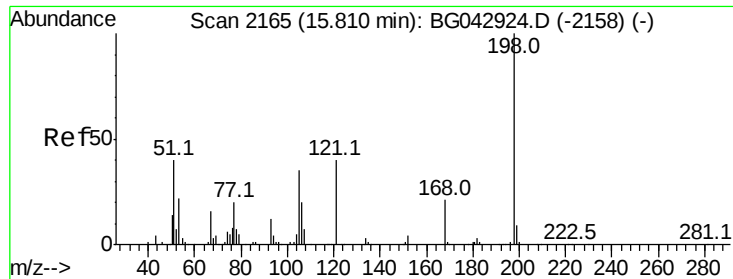
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		454694		
94	6.3	5.7	8.5		
80	7.4	6.5	9.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 55.236 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

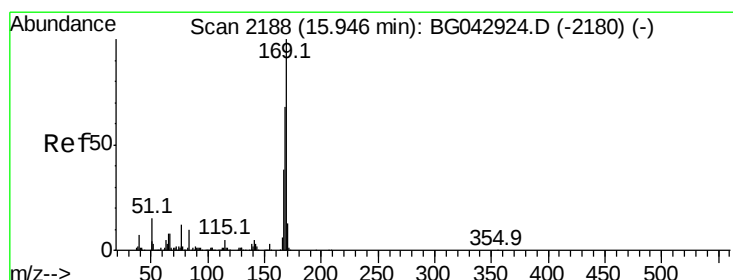
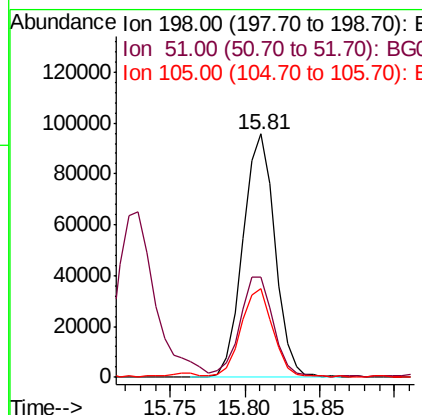
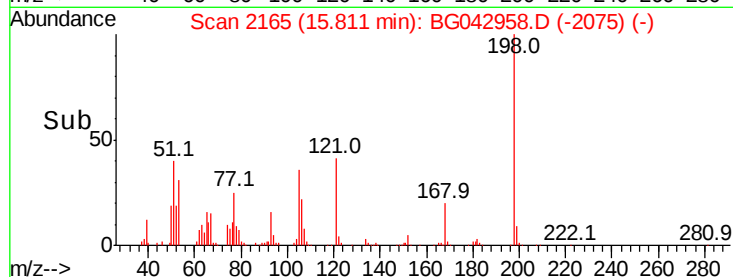
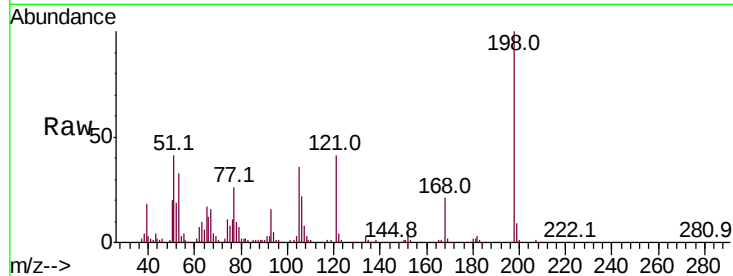
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	198	Resp:	142121
Ion Ratio	Lower	Upper	
198	100		
51	41.2	25.3	65.3
105	36.3	16.6	56.6

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#66

n-Nitrosodiphenylamine

Concen: 46.411 ng

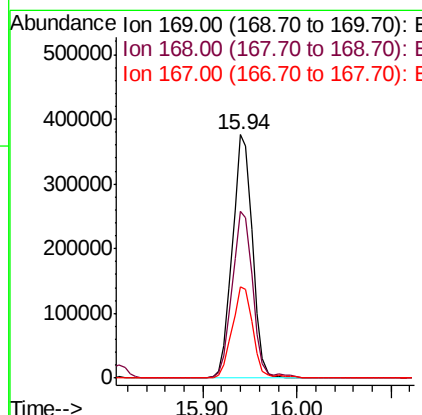
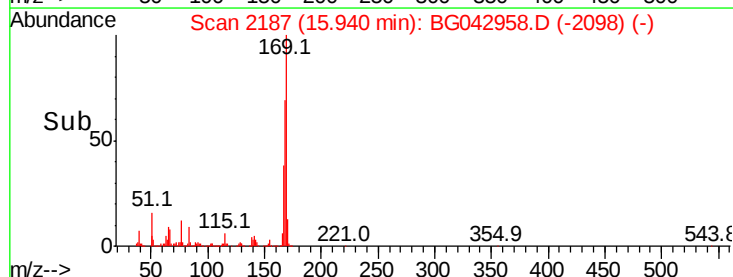
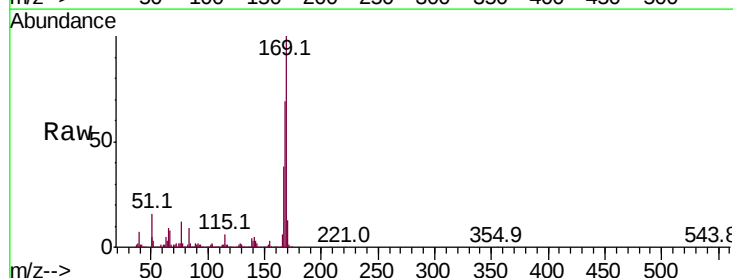
RT: 15.94 min Scan# 2187

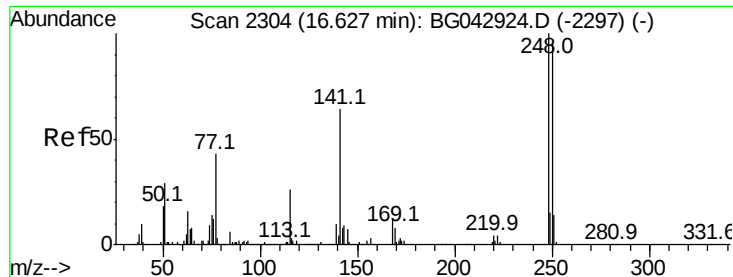
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	169	Resp:	557087
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.8	82.2
167	37.7	30.6	46.0





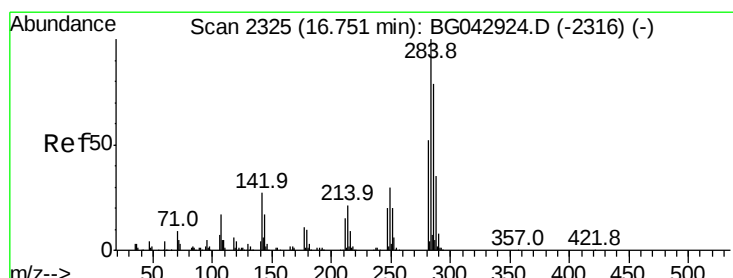
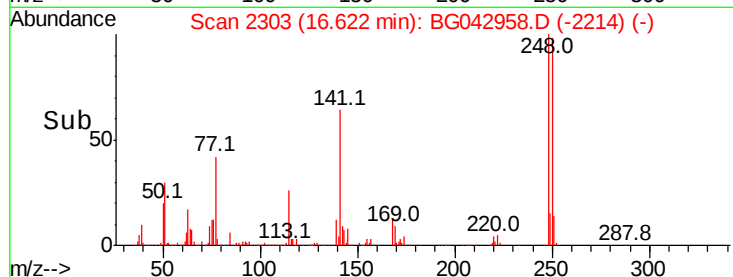
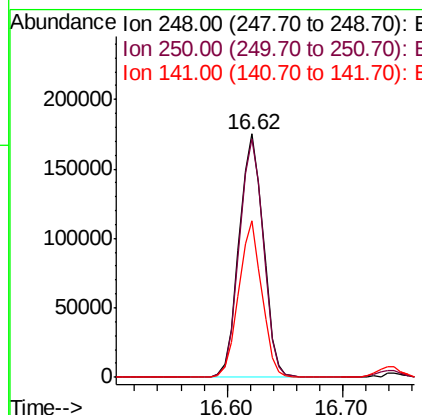
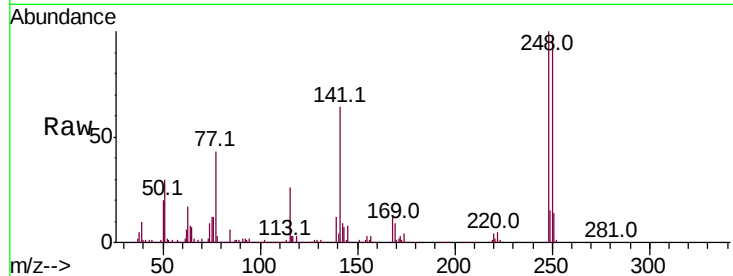
#67
4-Bromophenyl-phenylether
Concen: 44.729 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.8	113.8
141	64.1	51.1	76.7

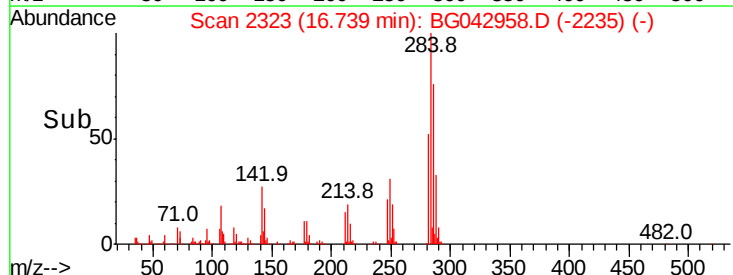
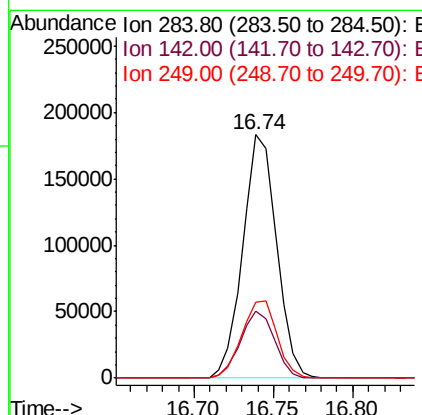
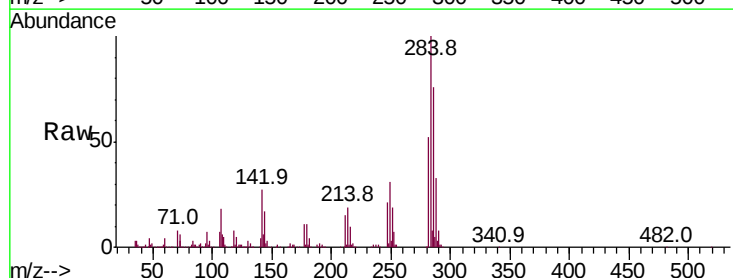
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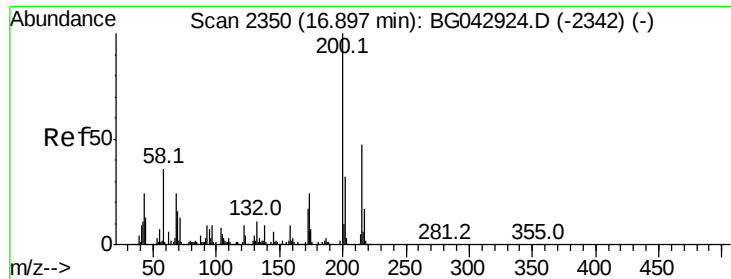
mohammad
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#68
Hexachlorobenzene
Concen: 42.720 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	31.5	24.1	36.1





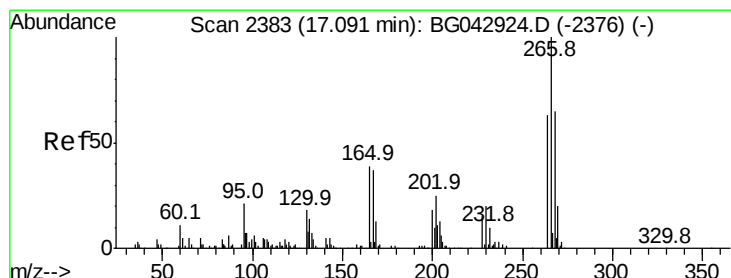
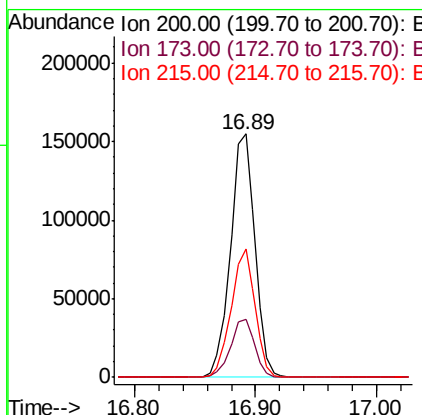
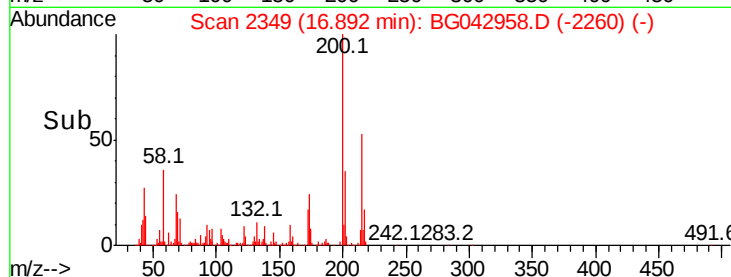
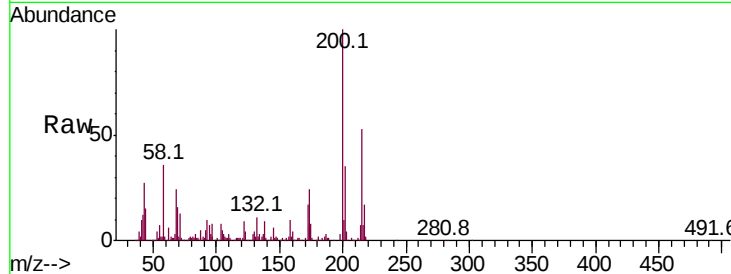
#69
Atrazine
Concen: 43.244 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.0	4.0	44.0
215	52.9	27.4	67.4

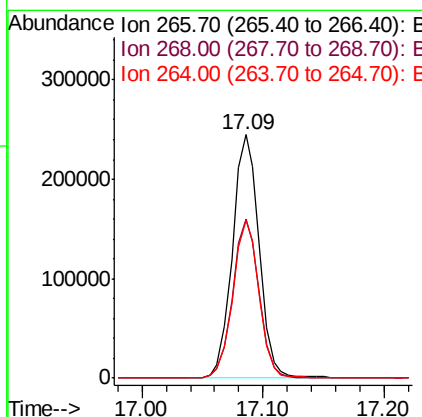
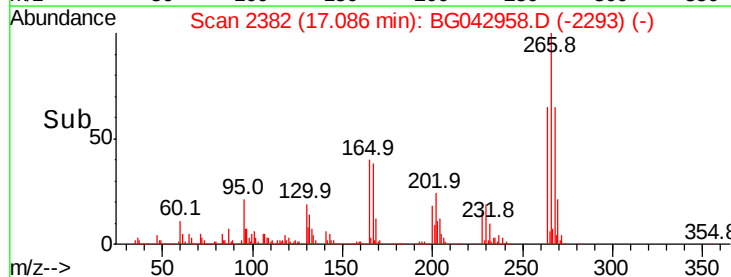
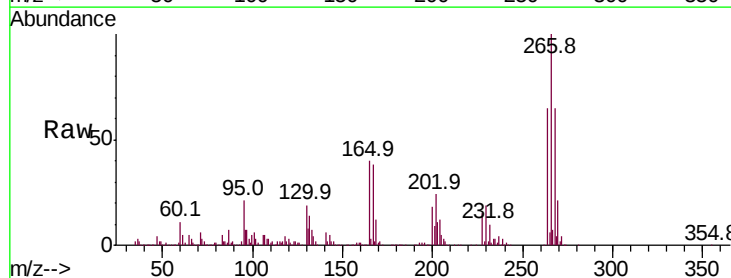
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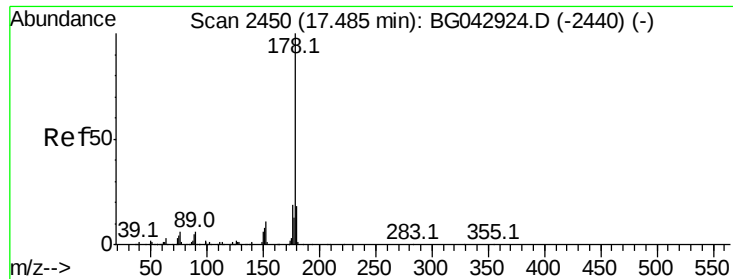
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#70
Pentachlorophenol
Concen: 102.603 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	52.2	78.2
264	64.9	50.7	76.1





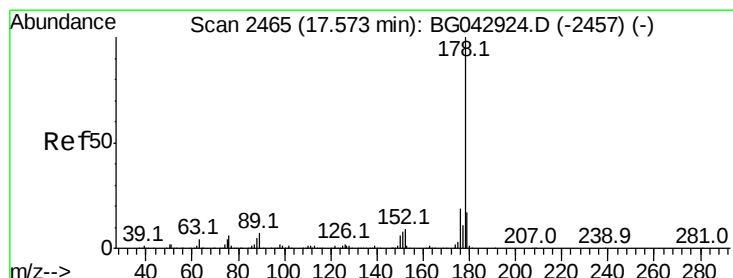
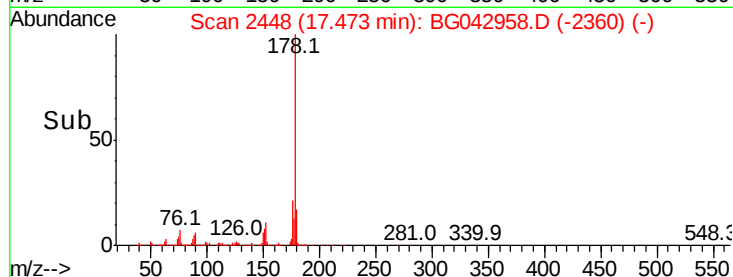
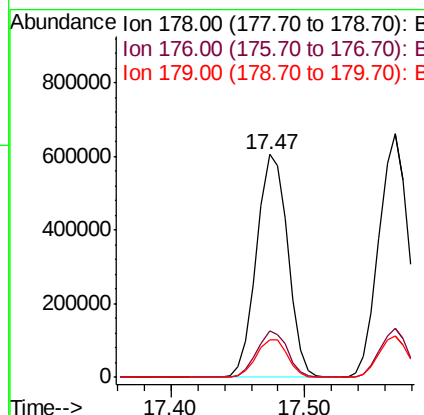
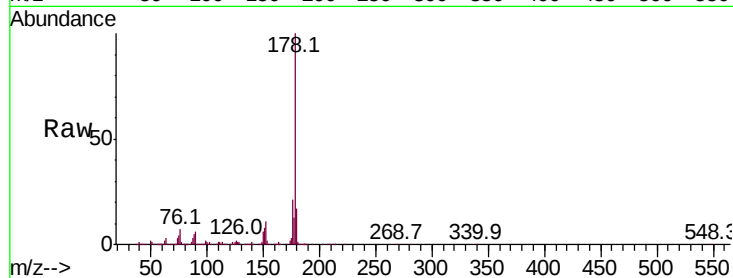
#71
Phenanthrene
Concen: 44.121 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion:178 Resp: 979412
Ion Ratio Lower Upper
178 100
176 20.7 15.1 22.7
179 17.0 14.1 21.1

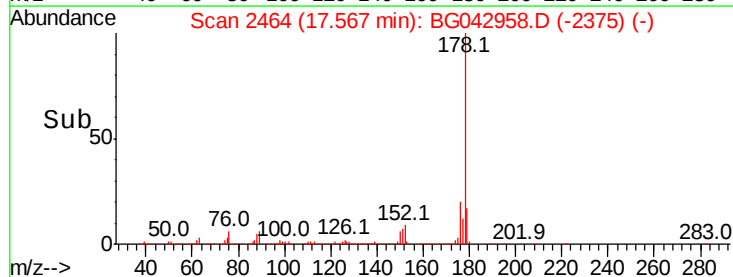
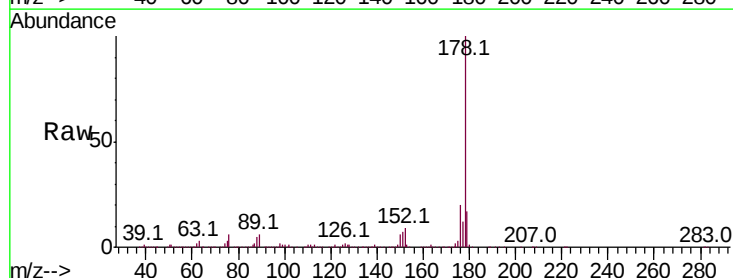
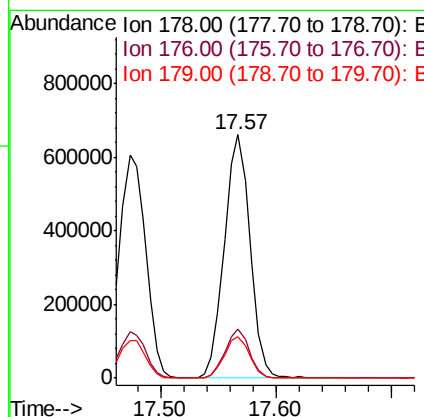
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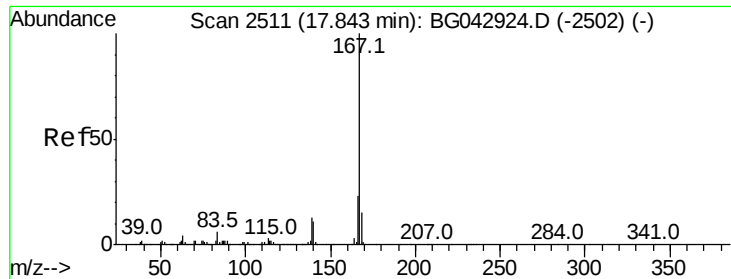
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#72
Anthracene
Concen: 45.852 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion:178 Resp: 1016114
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 17.1 13.5 20.3





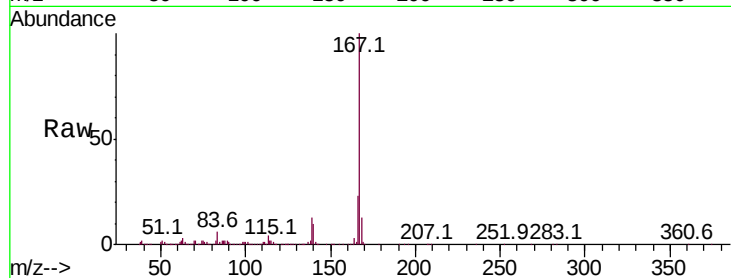
#73
 Carbazole
 Concen: 45.750 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	23.4	18.6	28.0	
139	12.7	10.8	16.2	

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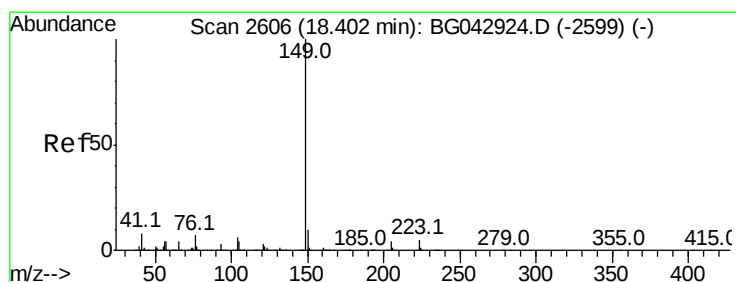
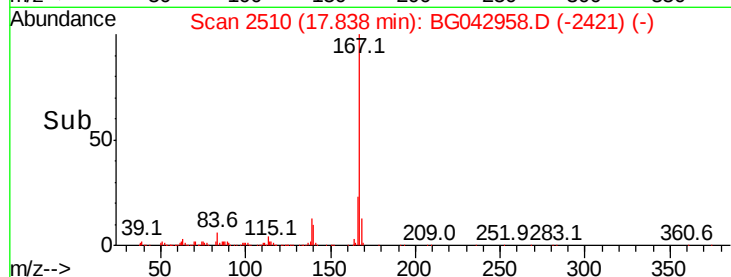
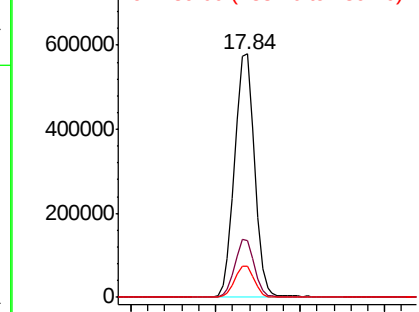


Abundance

Ion 167.00 (166.70 to 167.70): E

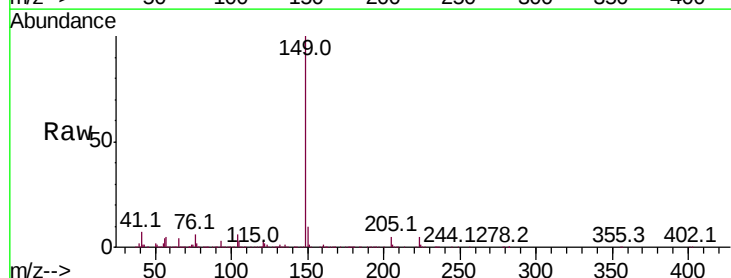
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 43.455 ng
 RT: 18.40 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.6	7.7	11.5	
104	6.4	5.0	7.6	

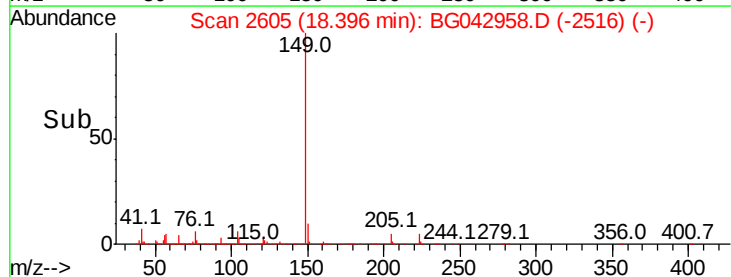
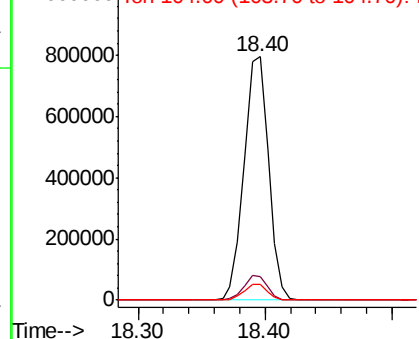


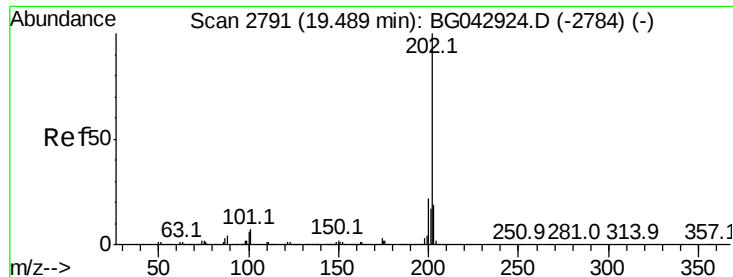
Abundance

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: 44.162 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

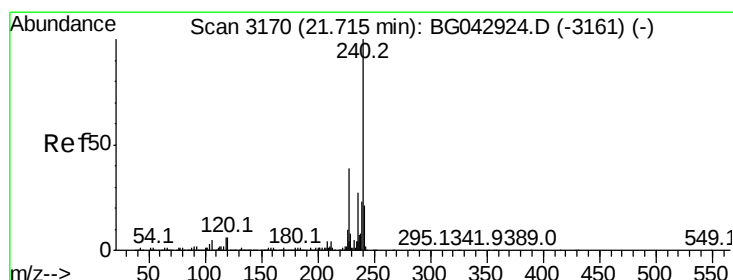
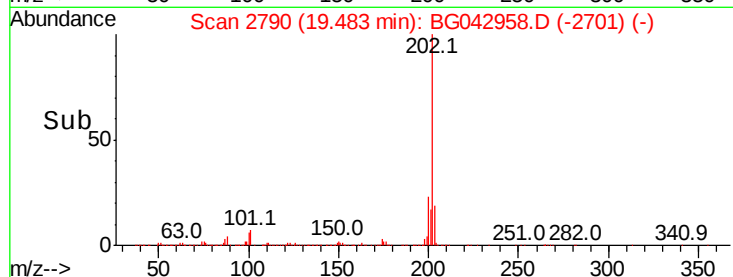
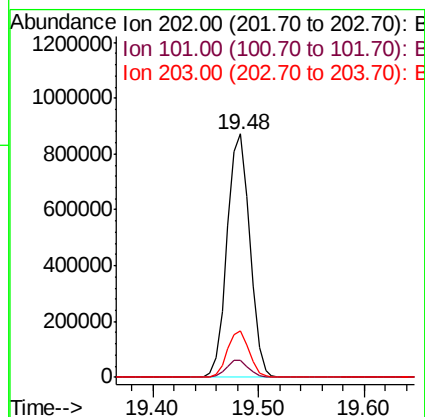
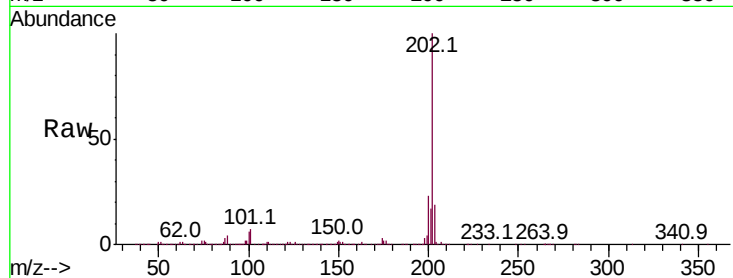
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	202	Resp:	1296652
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	27.3
203	19.2	0.0	39.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

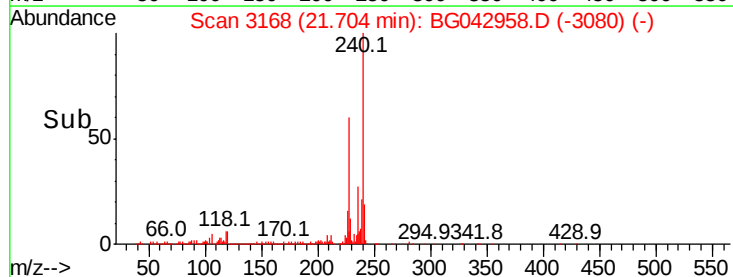
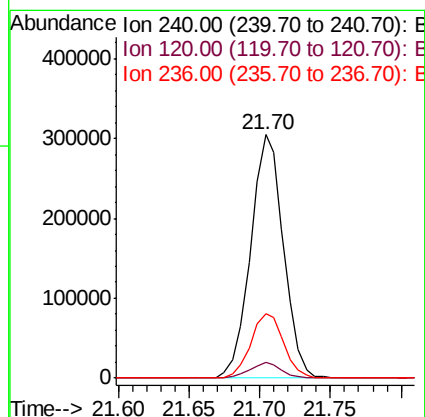
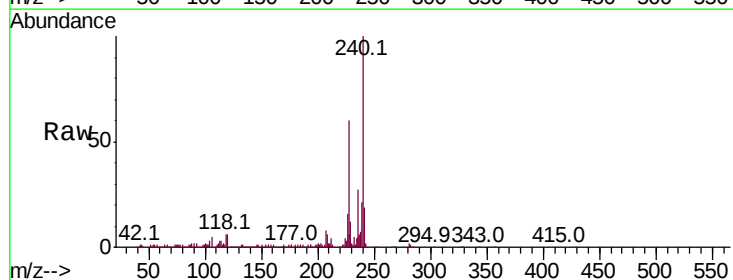
RT: 21.70 min Scan# 3168

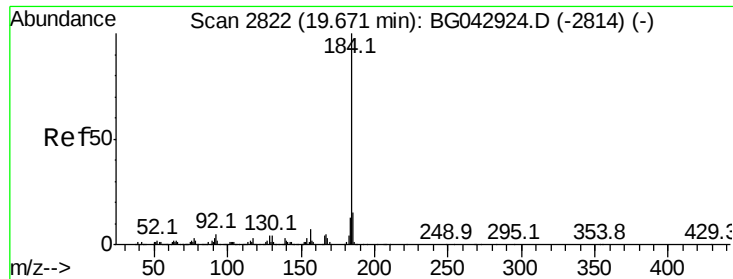
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	240	Resp:	496427
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.8	7.2
236	26.6	21.4	32.0





#77

Benzidine

Concen: 29.252 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

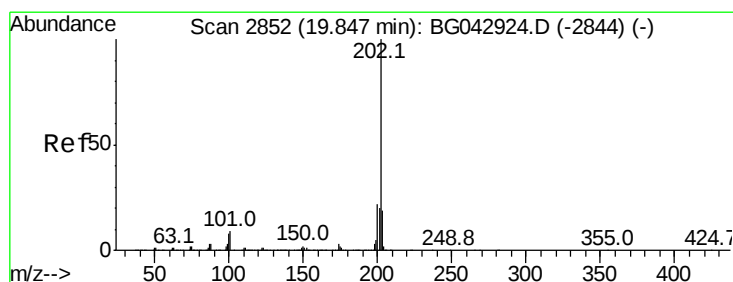
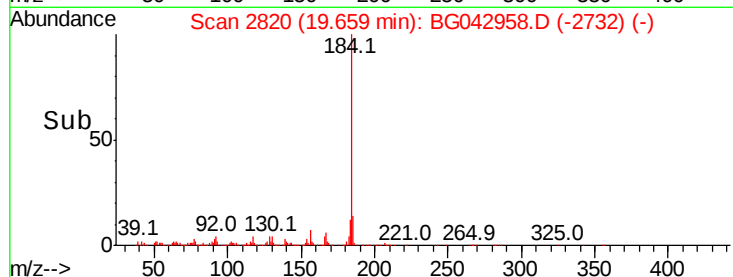
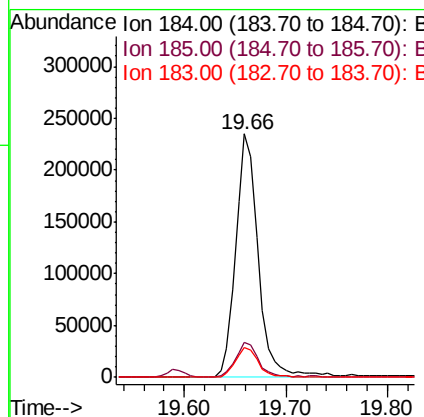
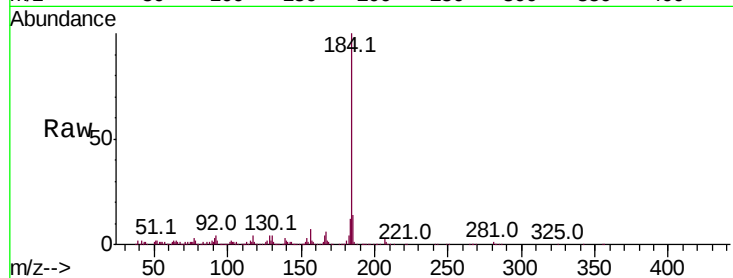
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	184	Resp:	363604
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.8	17.8
183	12.2	10.1	15.1

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#78

Pyrene

Concen: 44.309 ng

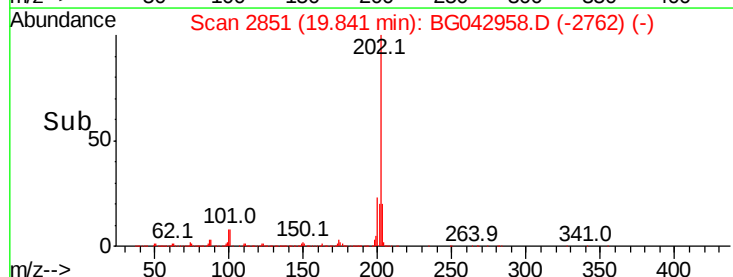
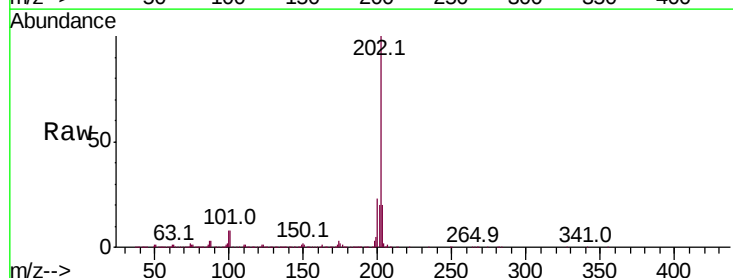
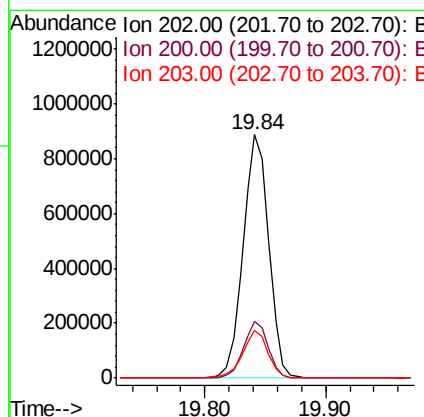
RT: 19.84 min Scan# 2851

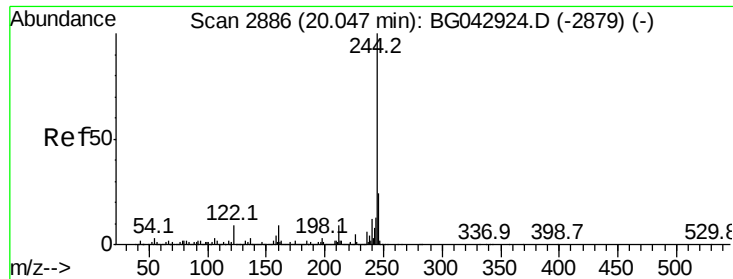
Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	202	Resp:	1312874
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.6	26.4
203	19.8	15.2	22.8





#79

Terphenyl-d14

Concen: 90.615 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

PAT-091019-BMSD

Tot Ion:244 Resp: 2111035

Ion Ratio Lower Upper

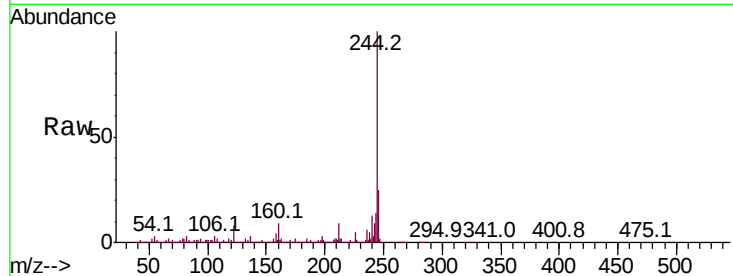
244 100

212 8.9 7.4 11.0

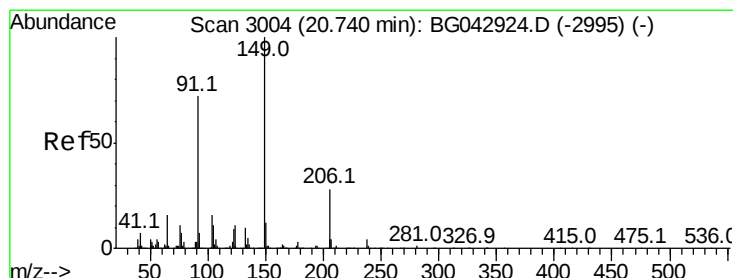
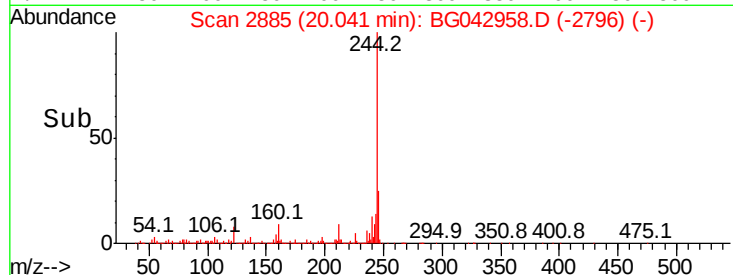
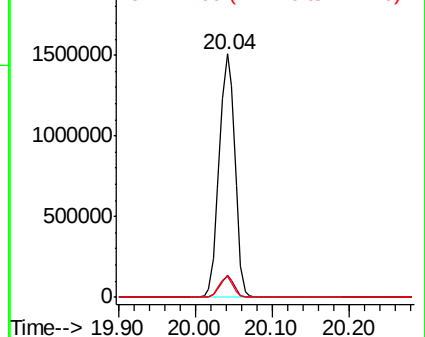
122 8.4 7.0 10.4

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



#80

Butylbenzylphthalate

Concen: 45.163 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

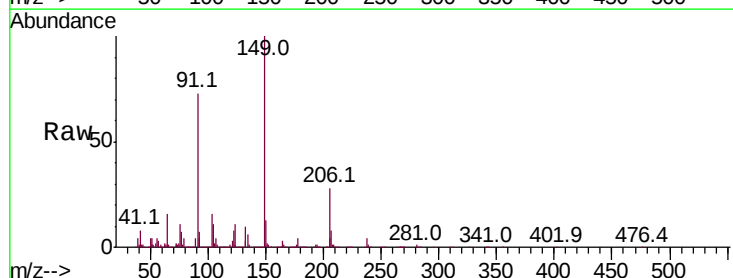
Tgt Ion:149 Resp: 507938

Ion Ratio Lower Upper

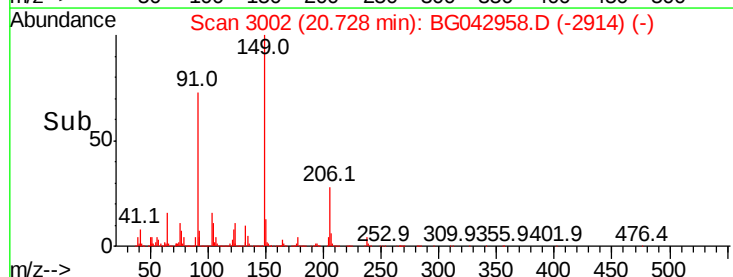
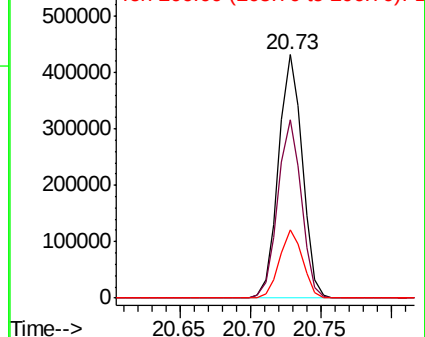
149 100

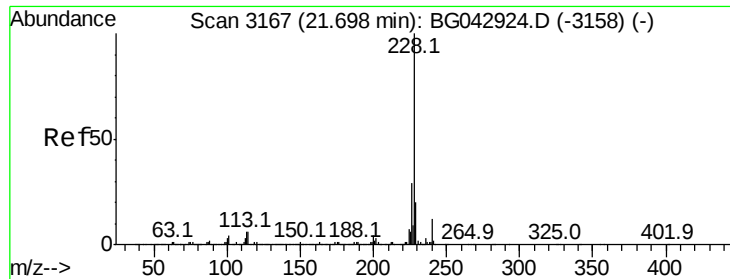
91 73.2 57.7 86.5

206 28.1 22.6 33.8



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





#81

Benzo(a)anthracene

Concen: 43.948 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

ClientSampleId :

PAT-091019-BMSD

Tot Ion:228 Resp: 1359385

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	21.4	16.3	24.5

228 100

226 28.2 23.0 34.4

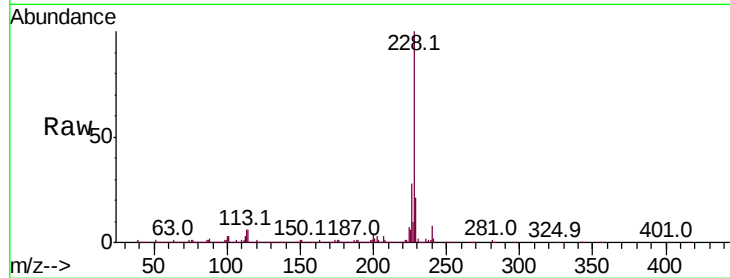
229 21.4 16.3 24.5

Manual Integrations

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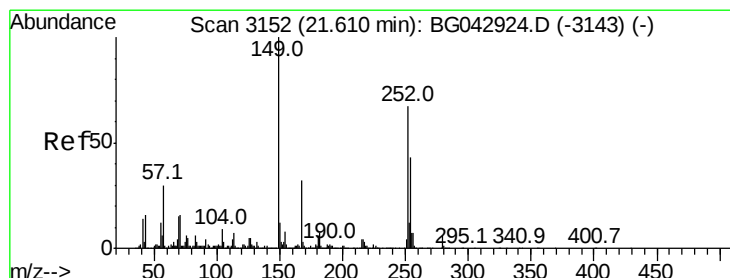
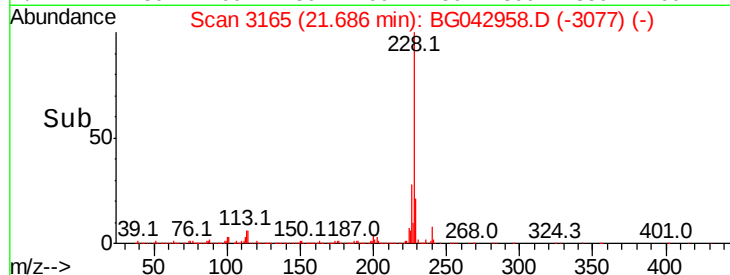
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.69

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 26.702 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

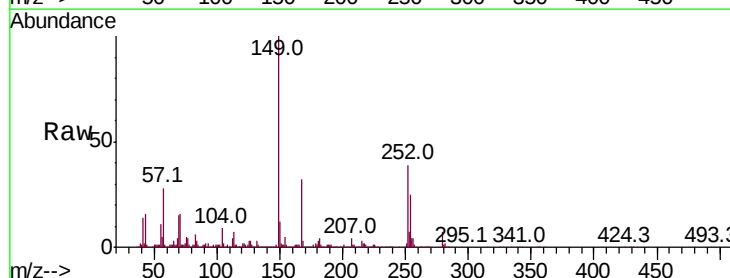
Tgt Ion:252 Resp: 323940

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.9	77.9
126	7.7	6.1	9.1

252 100

254 65.3 51.9 77.9

126 7.7 6.1 9.1



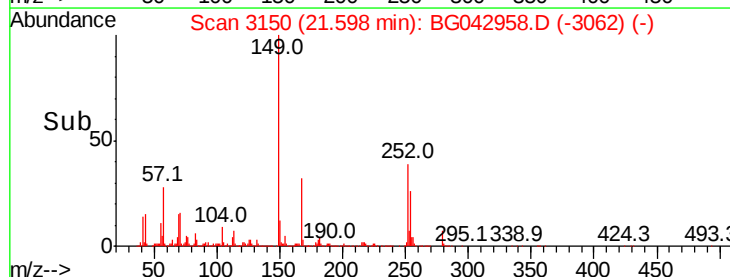
Abundance Ion 252.00 (251.70 to 252.70): E

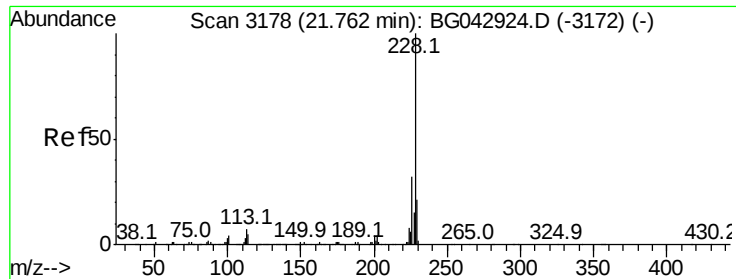
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

21.60

Time-->





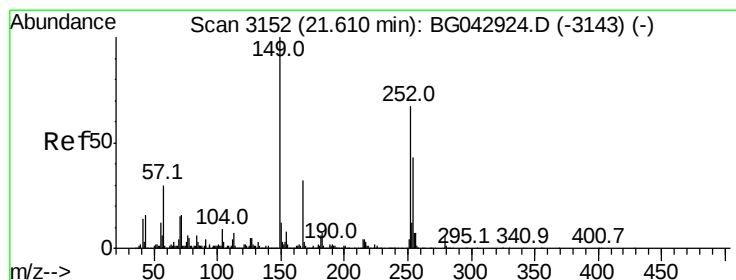
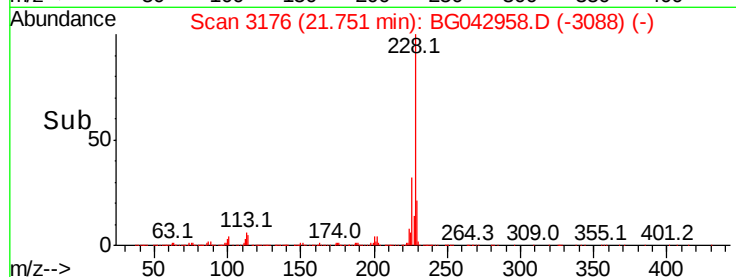
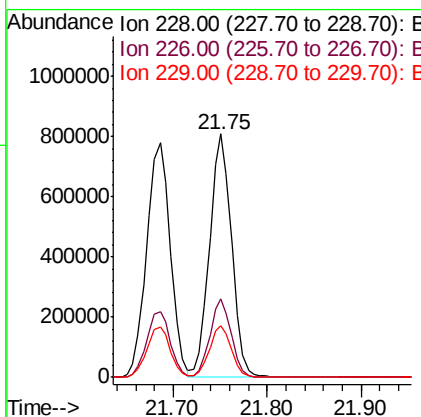
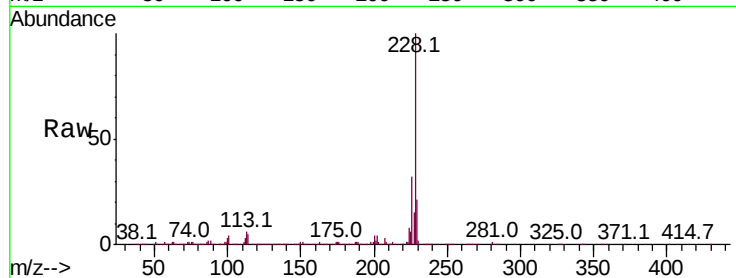
#83
 Chrysene
 Concen: 44.203 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Instrument :
 BNA_G
 ClientSampleId :
 PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.6	38.4
229	21.3	16.9	25.3

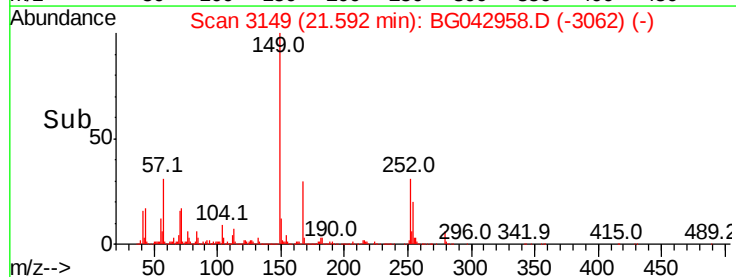
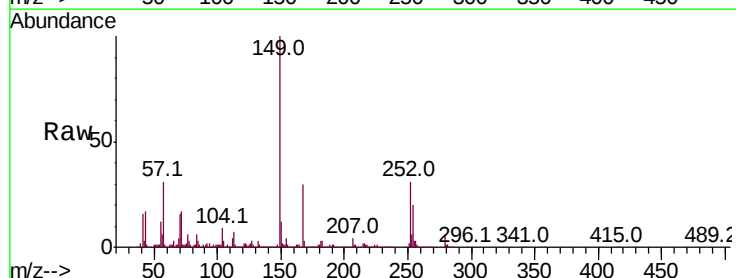
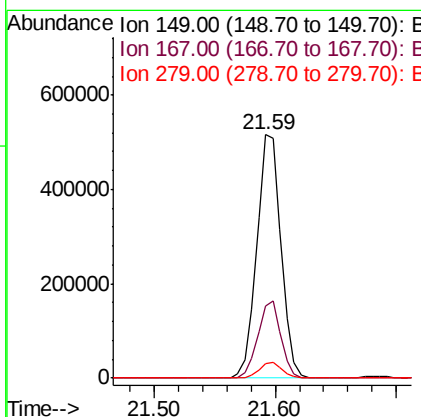
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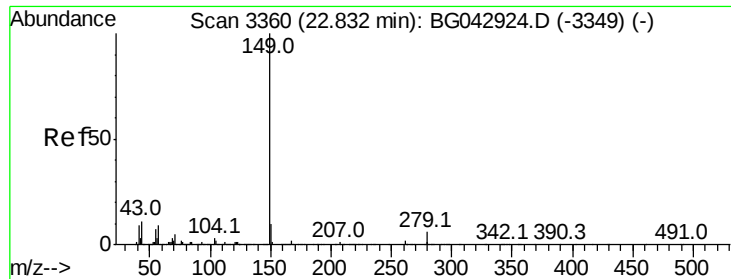
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.916 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG042958.D
 Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.4	38.2
279	5.8	5.1	7.7





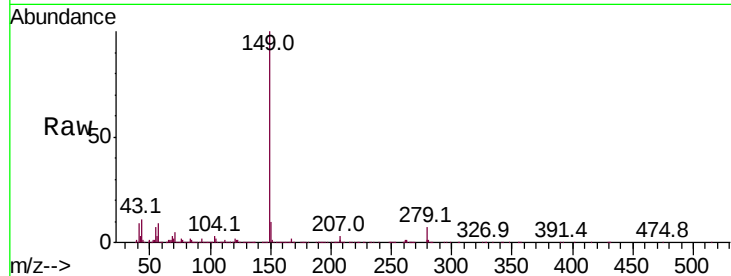
#85
Di-n-octyl phthalate
Concen: 46.258 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.0	8.7	13.1

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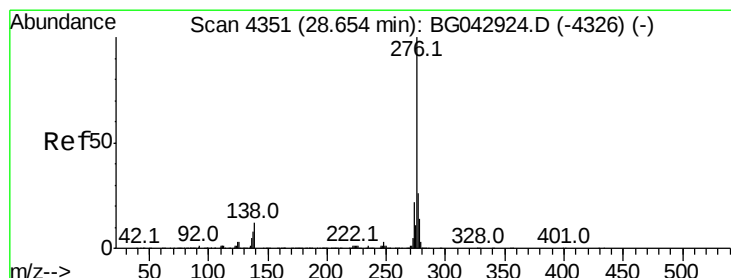
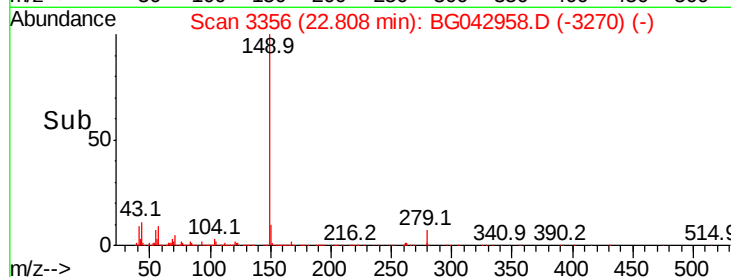
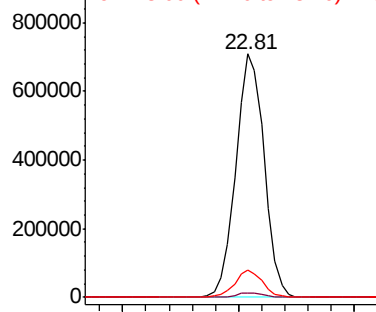


Abundance

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: 46.048 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.05 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

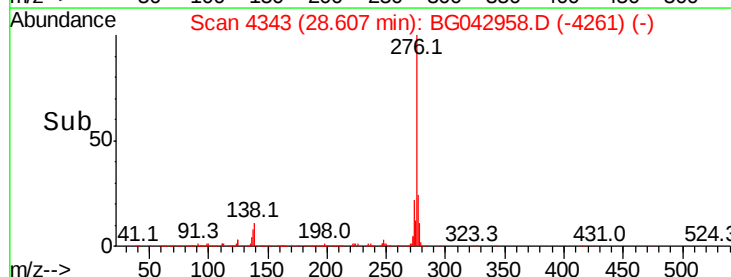
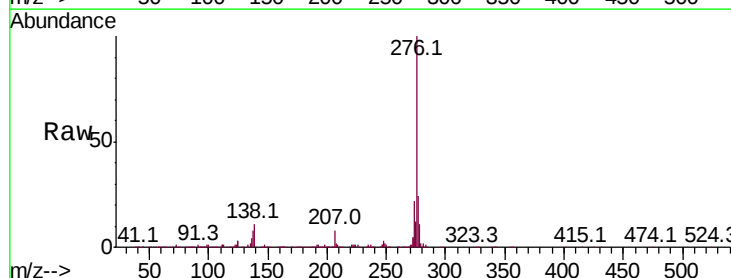
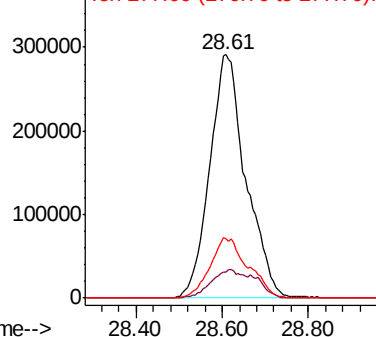
Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	7.0	10.6
277	26.1	20.9	31.3

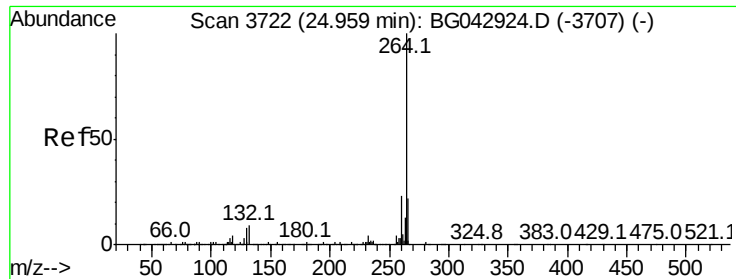
Abundance

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: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Instrument :

BNA_G

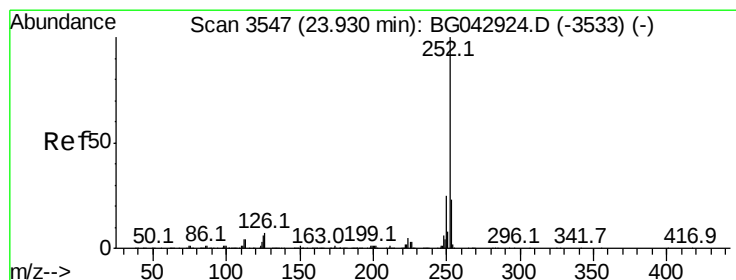
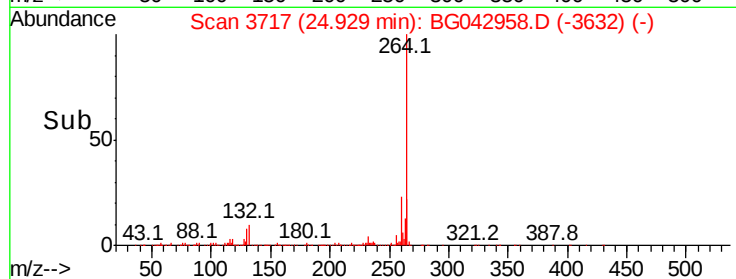
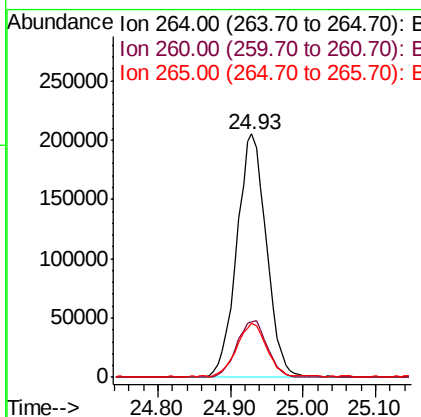
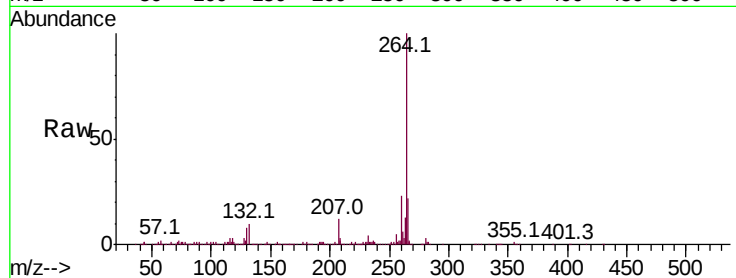
ClientSampleId :

PAT-091019-BMSD

Tot Ion:	264	Resp:	581464
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.7	28.1
265	22.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 44.711 ng

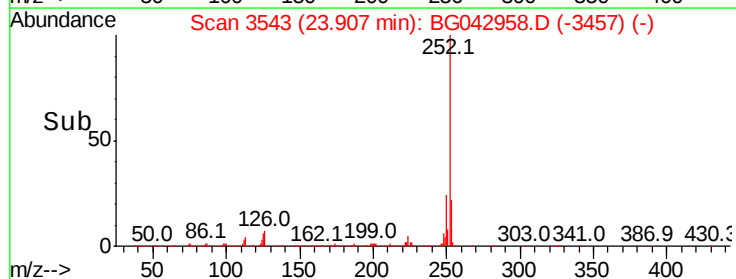
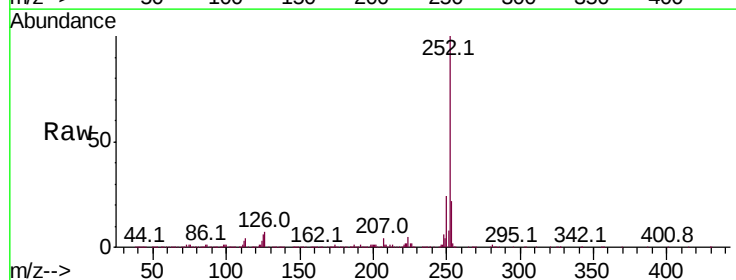
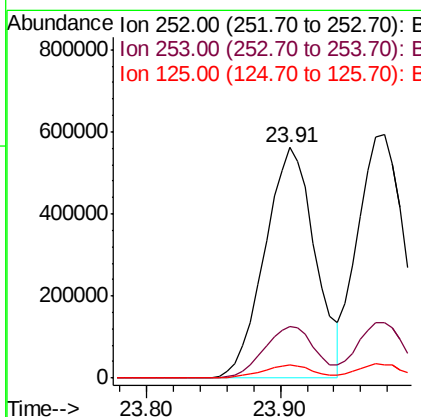
RT: 23.91 min Scan# 3543

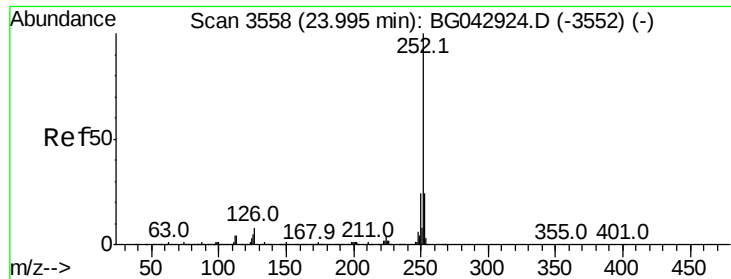
Delta R.T. -0.02 min

Lab File: BG042958.D

Acq: 1 Oct 2019 1:57

Tgt Ion:	252	Resp:	1471027
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	5.5	4.6	7.0





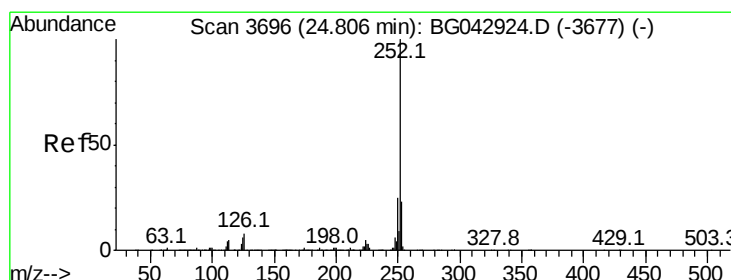
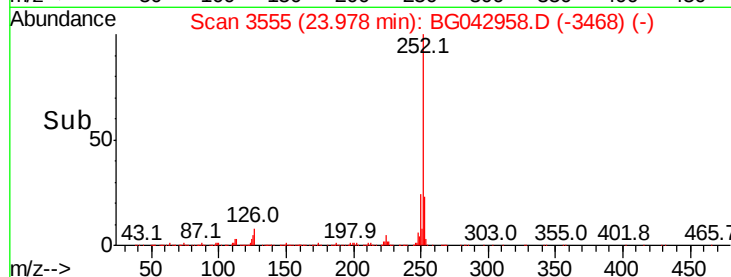
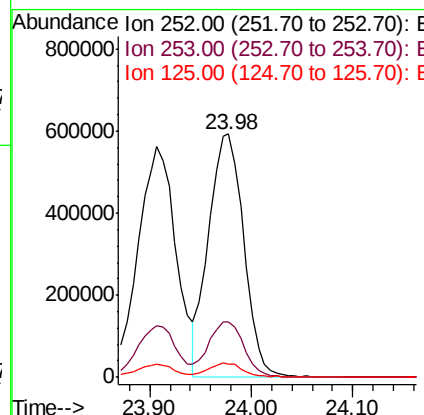
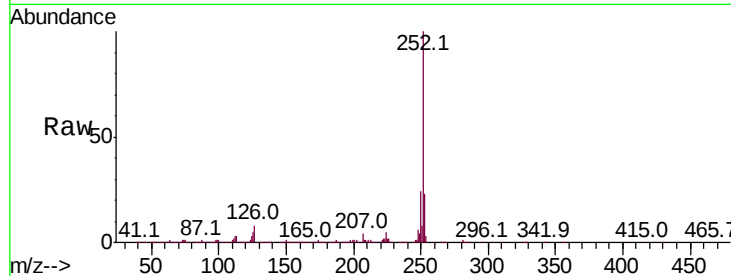
#89
Benzo(k)fluoranthene
Concen: 43.565 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	5.3	4.5	6.7

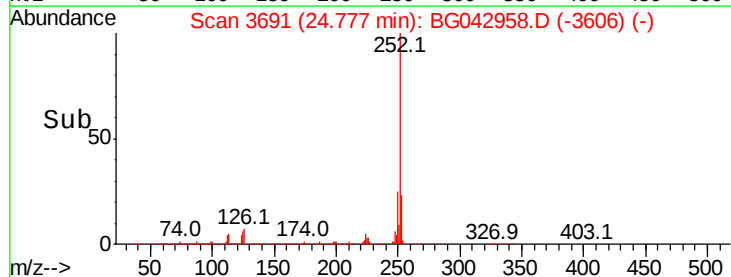
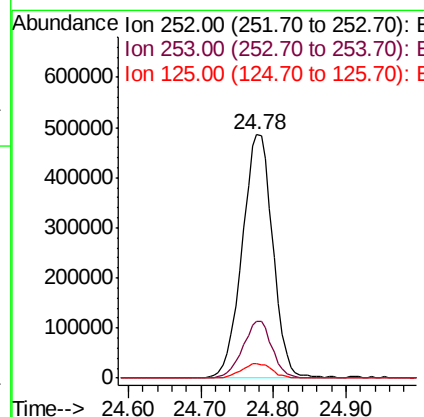
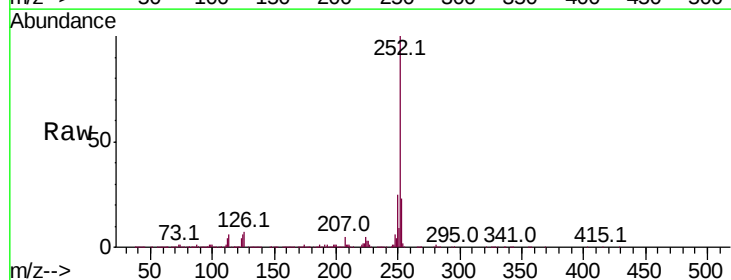
Manual Integrations
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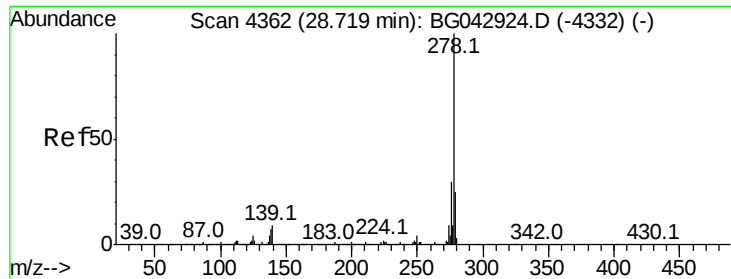
mohammad
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#90
Benzo(a)pyrene
Concen: 45.711 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.03 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	6.0	5.0	7.6





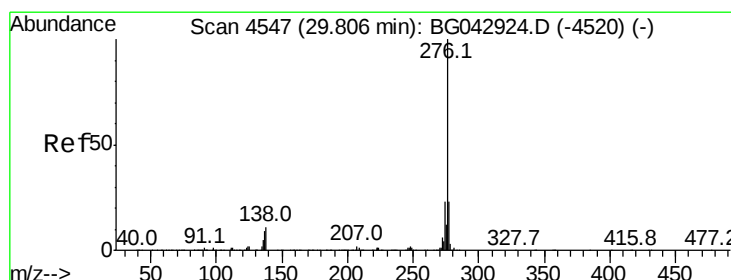
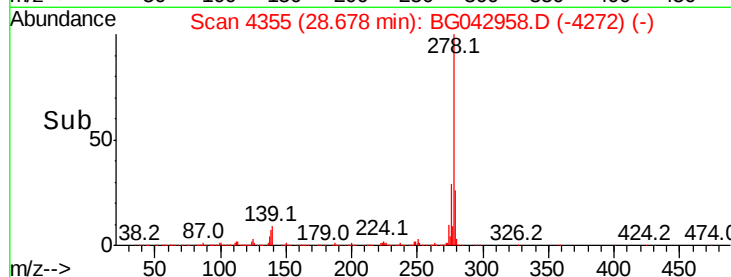
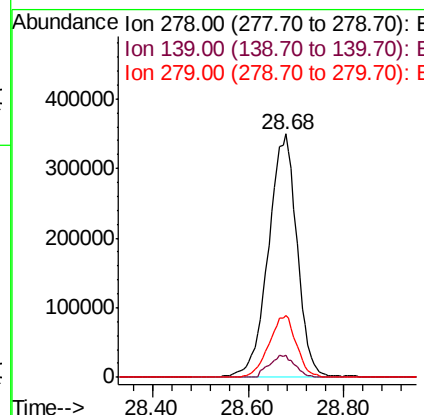
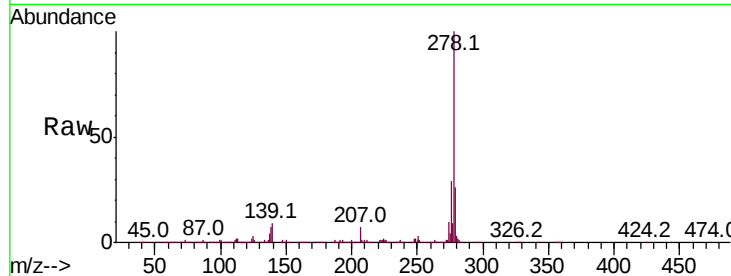
#91
Dibenzo(a,h)anthracene
Concen: 45.552 ng
RT: 28.68 min Scan# 4355
Delta R.T. -0.04 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Instrument :
BNA_G
ClientSampleId :
PAT-091019-BMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.8	10.2
279	25.6	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/2/2019 8:33:25 AM



#92
Benzo(g,h,i)perylene
Concen: 46.302 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.05 min
Lab File: BG042958.D
Acq: 1 Oct 2019 1:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.4	27.6
138	13.1	8.6	12.8#

