

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043383.D
 Acq On : 29 Oct 2019 20:53
 Operator : JU
 Sample : K5541-11MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 17-20-(0-2.5)MS

Manual Integrations
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 10/30/2019 4:54:37 PM

Quant Time: Oct 30 08:30:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46743	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	176790	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	123372	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	288744	20.00	ng	0.00
76) Chrysene-d12	21.67	240	321571	20.00	ng	0.00
87) Perylene-d12	24.86	264	386012	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	285574	111.95	ng	0.00
7) Phenol-d6	7.21	99	401130	109.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	242233	70.64	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246210	104.87	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	544899	61.03	ng	0.00
79) Terphenyl-d14	20.00	244	1021012	59.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	36078	36.294	ng	95
3) Pyridine	3.89	79	92546	36.907	ng	96
4) n-Nitrosodimethylamine	3.80	42	57077	45.109	ng	86
6) Aniline	7.35	93	146443	34.638	ng	98
8) 2-Chlorophenol	7.60	128	134198	47.658	ng	96
9) Benzaldehyde	7.16	77	70734	39.218	ng	91
10) Phenol	7.24	94	172533	51.446	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	109761	42.332	ng	95
12) 1,3-Dichlorobenzene	7.91	146	144505	40.959	ng	99
13) 1,4-Dichlorobenzene	8.06	146	150350	42.121	ng	96
14) 1,2-Dichlorobenzene	8.38	146	144596	41.488	ng	97
15) Benzyl Alcohol	8.27	79	117665	45.651	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	153422	40.693	ng	99
17) 2-Methylphenol	8.49	107	111148	45.462	ng	97
18) Hexachloroethane	9.10	117	53594	41.616	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	97988	41.318	ng	99
20) 3+4-Methylphenols	8.81	107	152801	45.578	ng	89
22) Acetophenone	8.84	105	193067	42.644	ng	99
24) Nitrobenzene	9.23	77	147351	45.107	ng	98
25) Isophorone	9.75	82	278268	44.384	ng	95
26) 2-Nitrophenol	9.94	139	78026	49.474	ng	95
27) 2,4-Dimethylphenol	10.01	122	124667	55.152	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	152649	44.115	ng	96
29) 2,4-Dichlorophenol	10.49	162	142614	49.242	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	163509	44.794	ng	99
31) Naphthalene	10.88	128	422258	47.055	ng	99
32) Benzoic acid	10.18	122	67422	40.748	ng	92
33) 4-Chloroaniline	11.00	127	75803	20.607	ng	96
34) Hexachlorobutadiene	11.17	225	112862	41.826	ng	92
35) Caprolactam	11.77	113	45121m	45.236	ng	
36) 4-Chloro-3-methylphenol	12.13	107	151625	47.995	ng	99
37) 2-Methylnaphthalene	12.48	142	316934	46.030	ng	95
38) 1-Methylnaphthalene	12.70	142	300111	45.809	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	208222	45.604	ng	98

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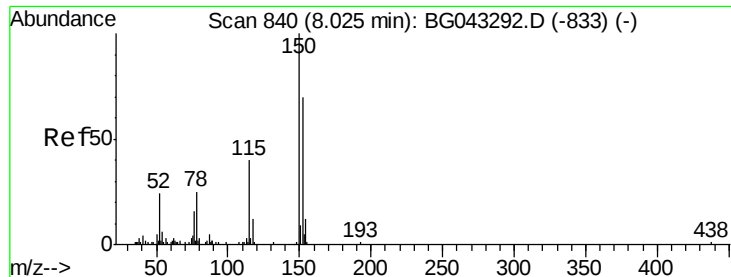
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210218	87.647	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	133718	49.731	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	143510	52.793	nq	99
46) 1,1'-Biphenyl	13.49	154	425099	45.293	nq	99
47) 2-Chloronaphthalene	13.53	162	330475	46.278	nq	99
48) 2-Nitroaniline	13.74	65	98805	46.293	nq	97
49) Acenaphthylene	14.37	152	532973	47.955	nq	99
50) Dimethylphthalate	14.11	163	503600	52.700	nq	100
51) 2,6-Dinitrotoluene	14.23	165	97494	46.962	nq	98
52) Acenaphthene	14.71	154	323941	47.795	nq	97
53) 3-Nitroaniline	14.56	138	62486	31.175	nq	92
54) 2,4-Dinitrophenol	14.77	184	64930	52.809	nq	89
55) Dibenzofuran	15.05	168	529482	48.173	nq	99
56) 4-Nitrophenol	14.90	139	144376	107.488	nq	93
57) 2,4-Dinitrotoluene	15.01	165	138967	46.839	nq	97
58) Fluorene	15.70	166	446975	48.486	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	142908	49.481	nq	# 99
60) Diethylphthalate	15.47	149	433270	45.124	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	246369	45.812	nq	98
62) 4-Nitroaniline	15.73	138	84586	40.863	nq	92
63) Azobenzene	15.98	77	367234	47.258	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	62169	36.586	nq	96
66) n-Nitrosodiphenylamine	15.91	169	390163	47.861	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	177104	45.577	nq	97
68) Hexachlorobenzene	16.71	284	198493	44.501	nq	98
69) Atrazine	16.85	200	165137	58.298	nq	94
70) Pentachlorophenol	17.05	266	218076	107.296	nq	94
71) Phenanthrene	17.44	178	856180	57.905	nq	99
72) Anthracene	17.53	178	759821	51.362	nq	97
73) Carbazole	17.81	167	654878	48.884	nq	100
74) Di-n-butylphthalate	18.35	149	753978	46.385	nq	99
75) Fluoranthene	19.45	202	1131072	58.677	nq	99
77) Benzidine	19.63	184	372530	57.563	nq	99
78) Pyrene	19.81	202	1104162	55.472	nq	98
80) Butylbenzylphthalate	20.69	149	342115	45.366	nq	99
81) Benzo(a)anthracene	21.64	228	1056190	52.435	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	311179	39.941	nq	100
83) Chrysene	21.71	228	1011407	50.536	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	513119	47.900	nq	97
85) Di-n-octyl phthalate	22.75	149	872885	48.029	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1297718	51.656	nq	99
88) Benzo(b)fluoranthene	23.85	252	1122694	51.353	nq	99
89) Benzo(k)fluoranthene	23.92	252	1088095	49.438	nq	98
90) Benzo(a)pyrene	24.71	252	1037166	49.680	nq	97
91) Dibenzo(a,h)anthracene	28.57	278	1043739	48.877	nq	98
92) Benzo(g,h,i)perylene	29.65	276	1099296	52.189	nq	98

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



#1

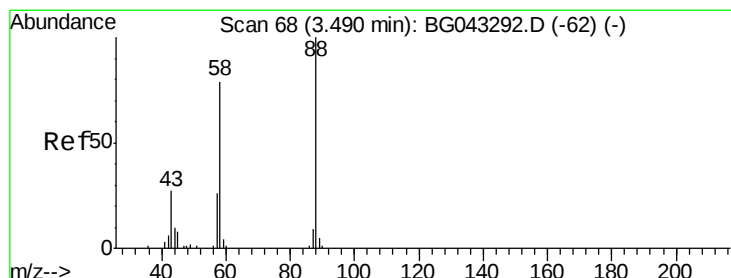
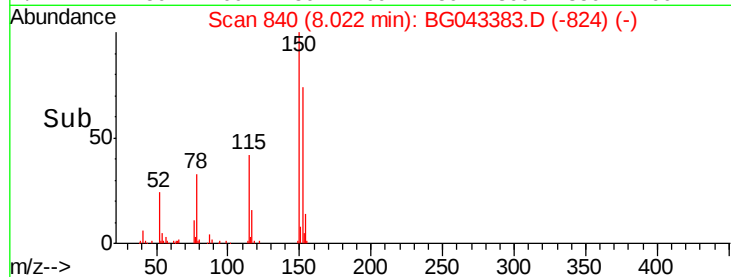
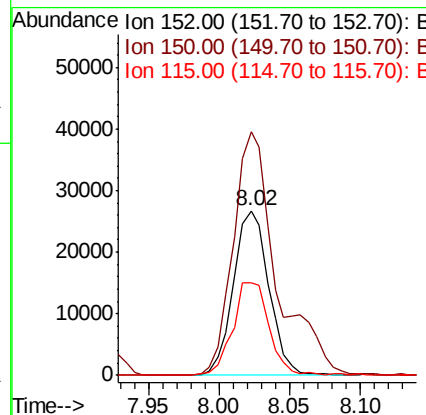
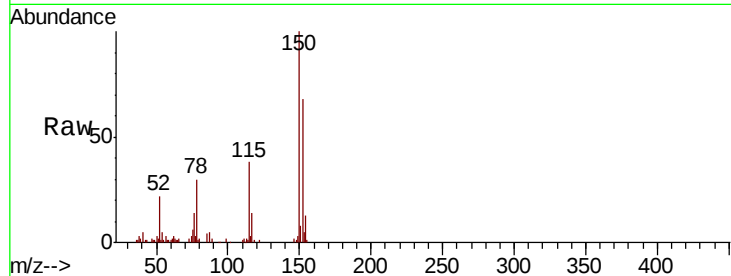
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	113.6	170.4
115	56.3	45.9	68.9

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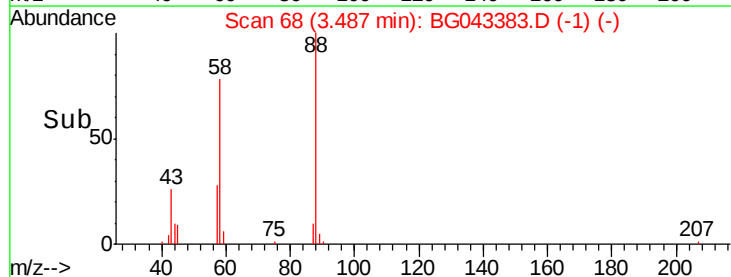
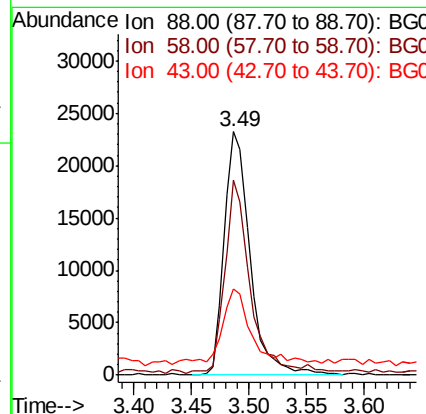
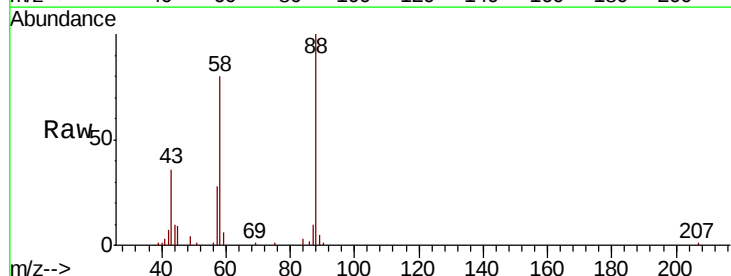
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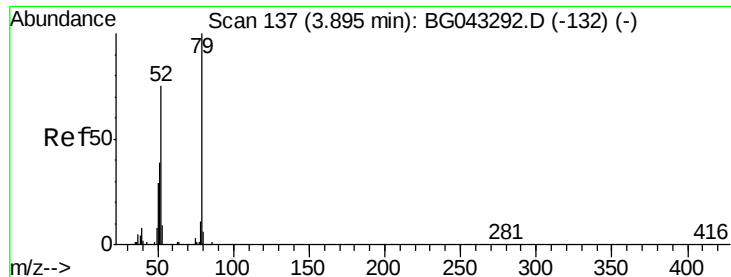


#2

1,4-Dioxane
Concen: 36.294 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	60.2	90.2
43	32.4	22.7	34.1





#3

Pvridine

Concen: 36.907 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

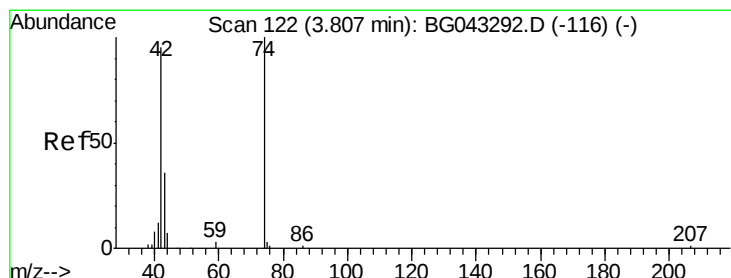
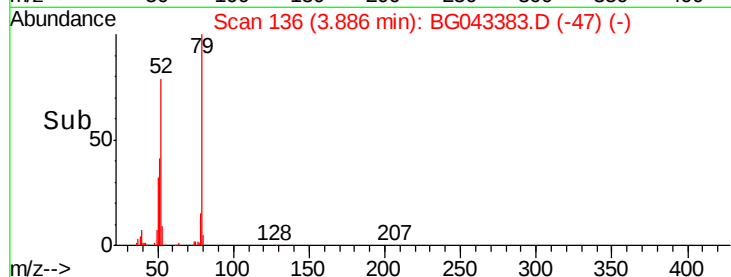
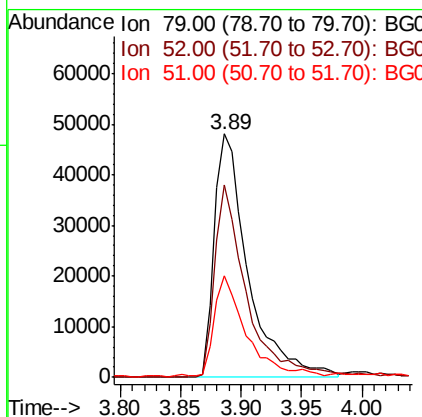
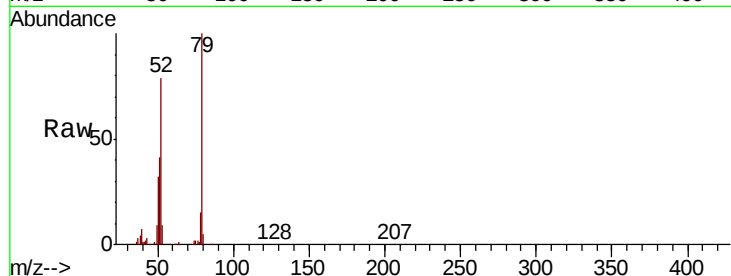
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	79	Resp:	92546
Ion Ratio	Lower	Upper	
79	100		
52	79.0	59.7	89.5
51	41.5	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 45.109 ng

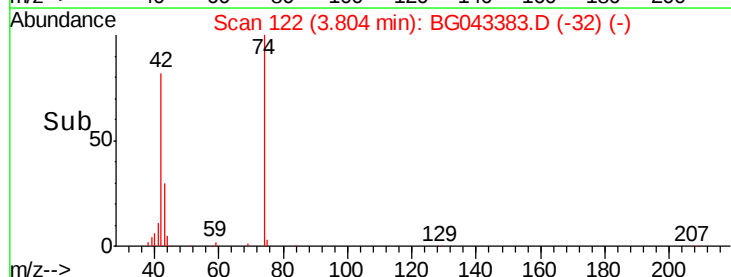
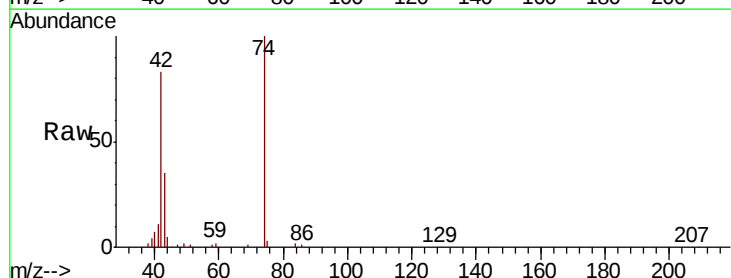
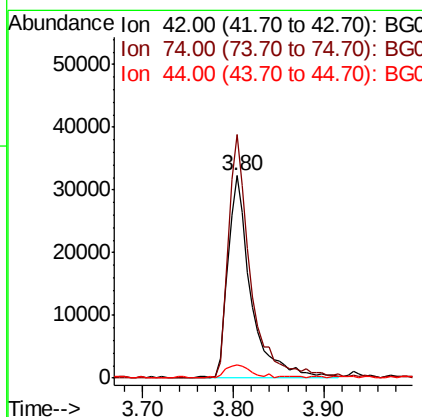
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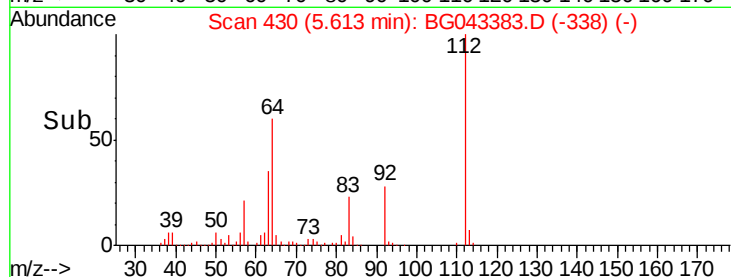
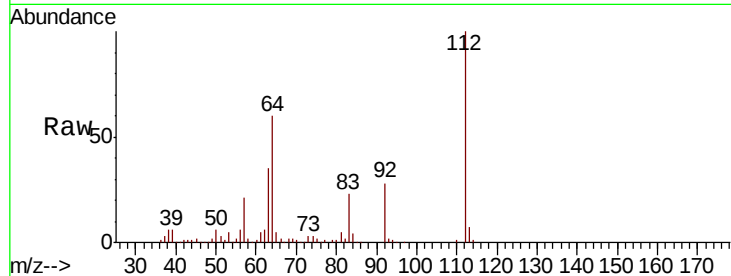
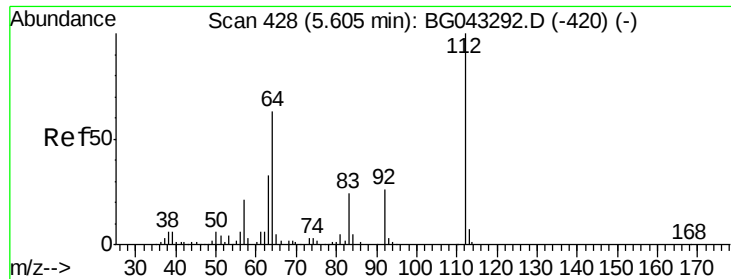
Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	42	Resp:	57077
Ion Ratio	Lower	Upper	
42	100		
74	120.2	84.2	126.2
44	6.4	6.0	9.0





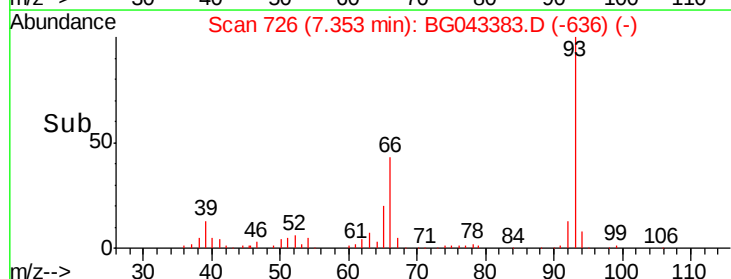
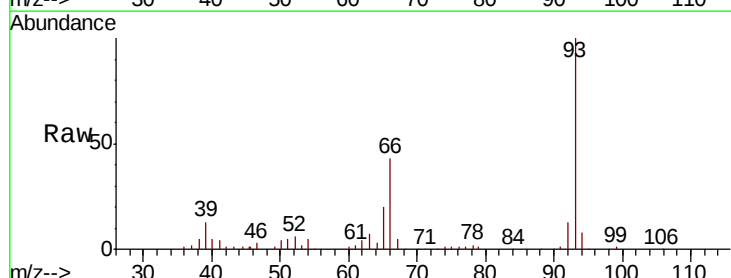
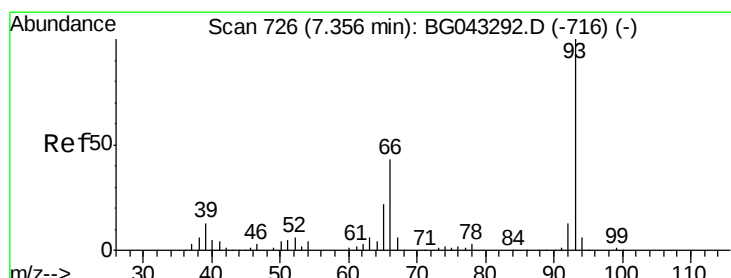
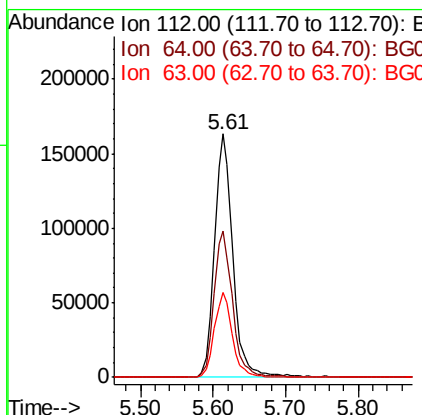
#5
2-Fluorophenol
Concen: 111.952 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tot Ion	Ratio	Resp	Lower	Upper
112	100	285574		
64	60.3		50.2	75.2
63	34.8		26.7	40.1

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

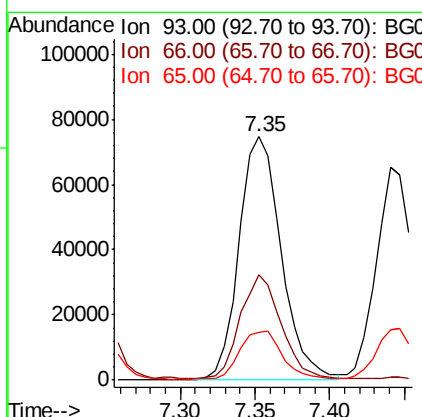
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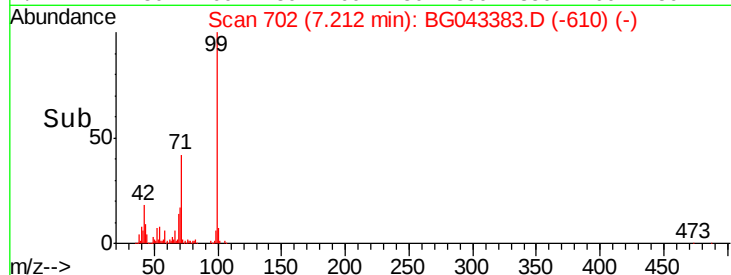
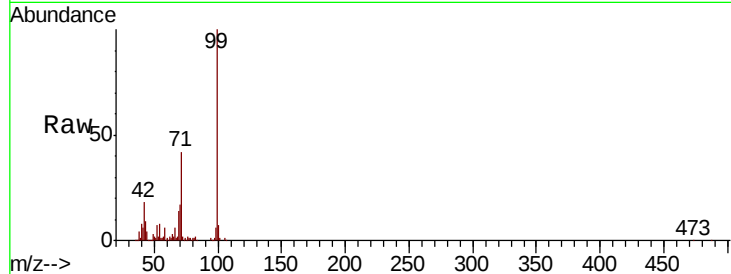
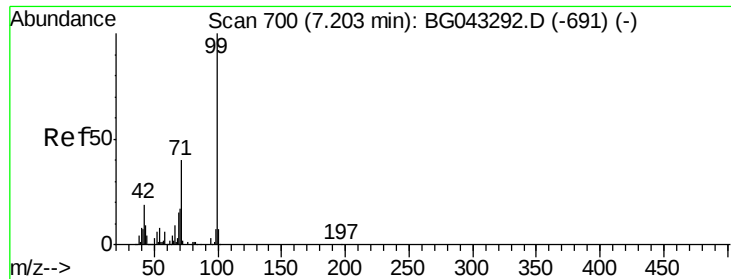
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#6
Aniline
Concen: 34.638 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	146443		
66	43.4		34.5	51.7
65	19.6		18.0	27.0





#7

Phenol-d6

Concen: 109.298 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tot Ion	99	Resp	401130
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.9	22.3
71	42.1	32.2	48.2

Instrument :

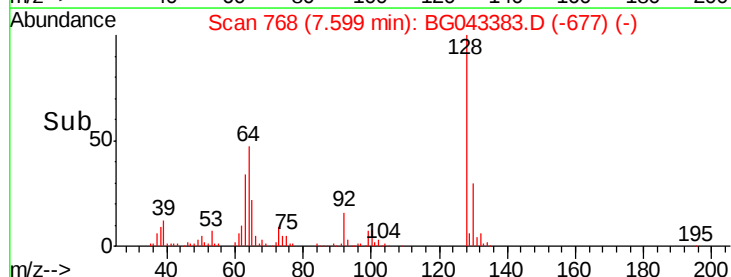
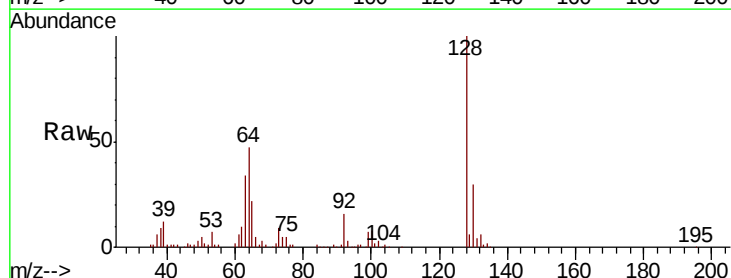
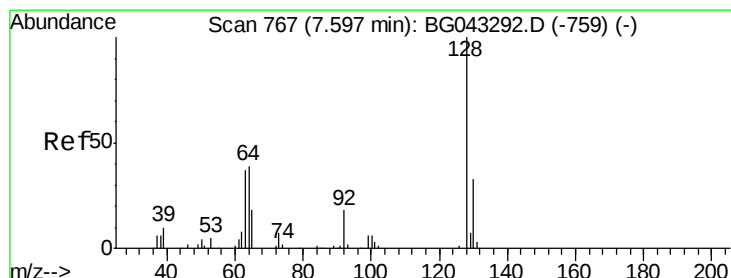
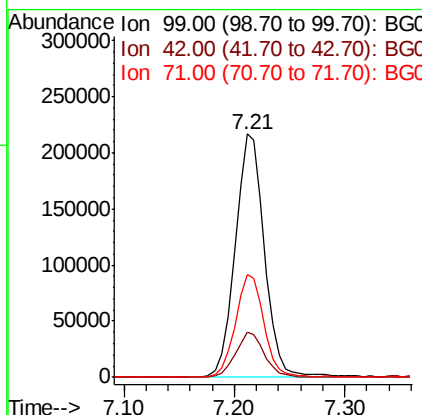
BNA_G

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#8

2-Chlorophenol

Concen: 47.658 ng

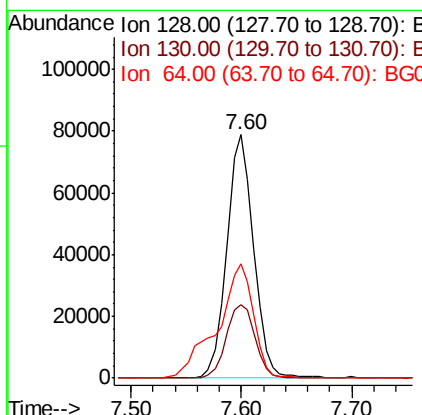
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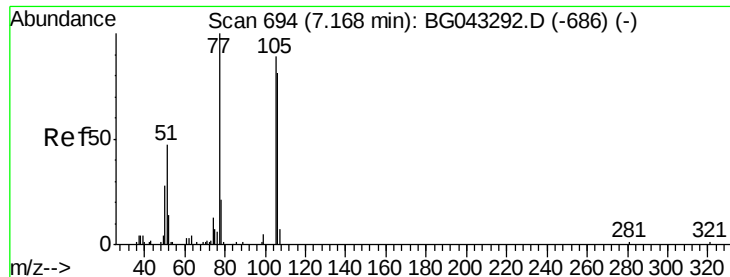
Delta R.T. 0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion	128	Resp	134198
Ion Ratio	Lower	Upper	
128	100		
130	30.4	12.9	52.9
64	47.1	24.9	64.9





#9

Benzaldehyde

Concen: 39.218 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

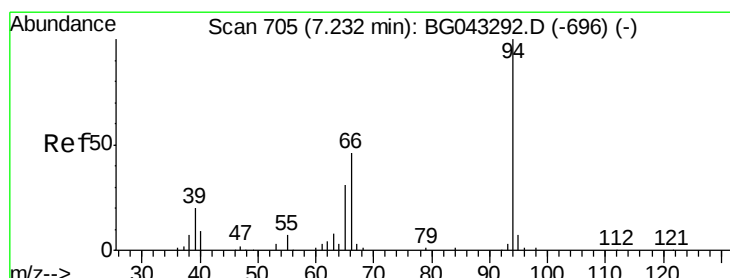
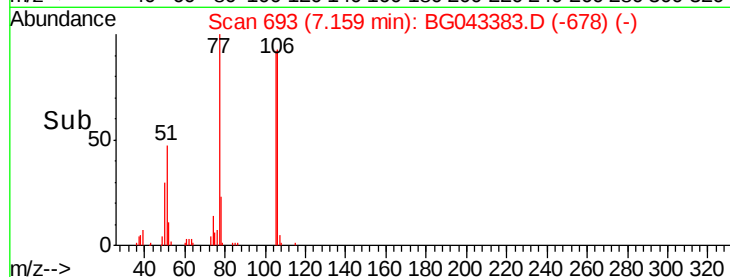
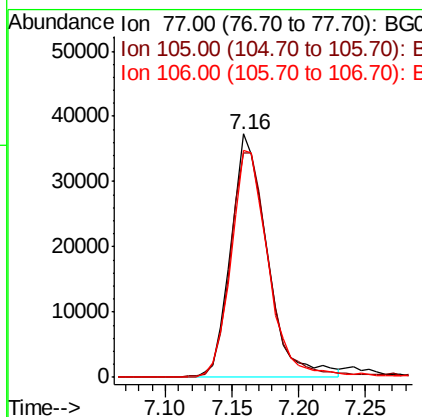
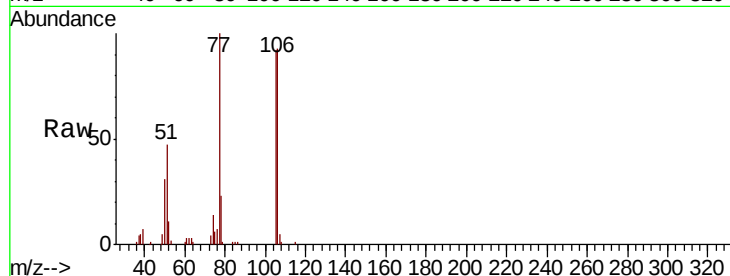
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	77	Resp:	70734
Ion Ratio	Lower	Upper	
77	100		
105	92.3	68.7	108.7
106	93.0	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 51.446 ng

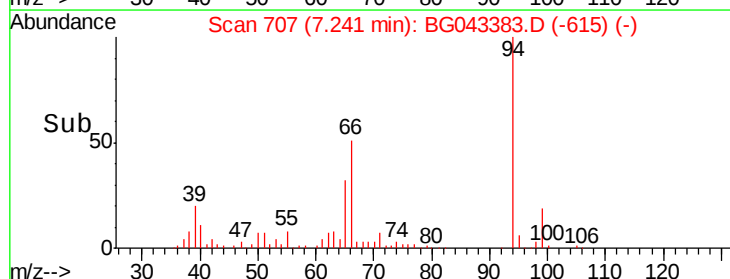
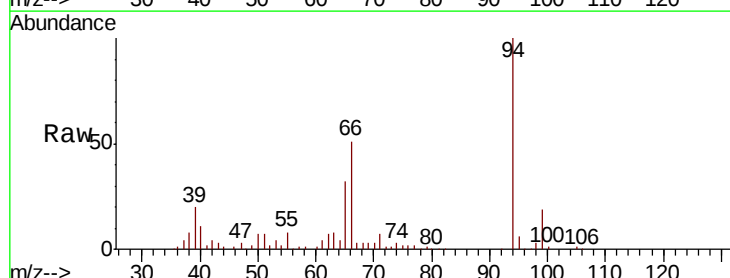
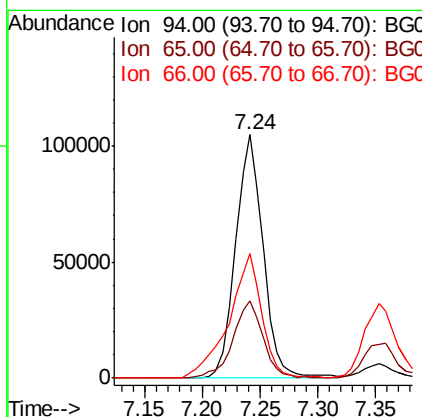
RT: 7.24 min Scan# 707

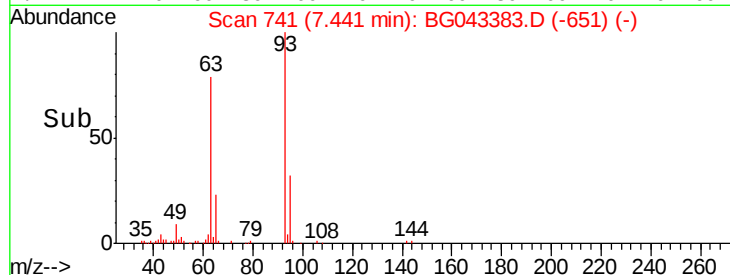
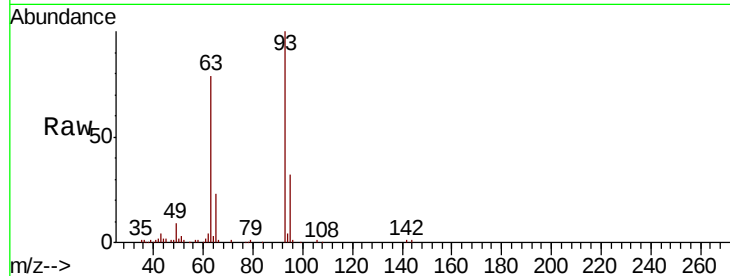
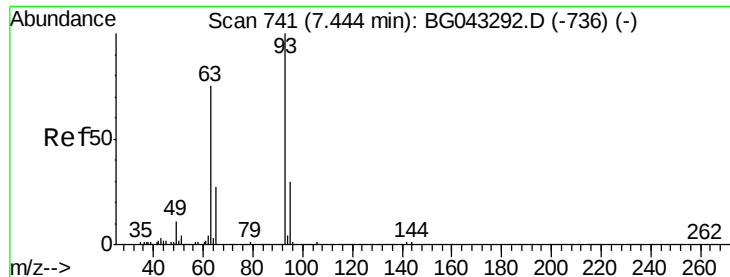
Delta R.T. 0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	94	Resp:	172533
Ion Ratio	Lower	Upper	
94	100		
65	31.5	11.1	51.1
66	51.2	27.8	67.8





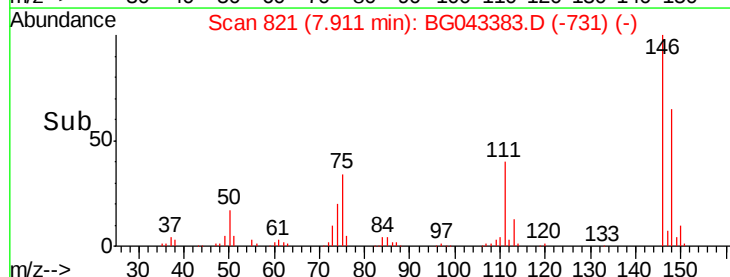
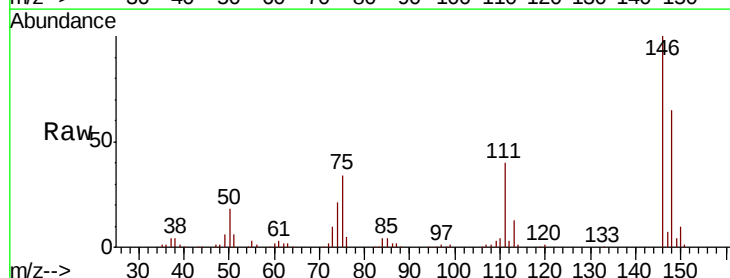
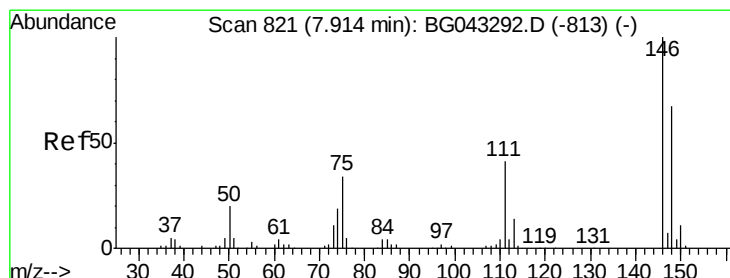
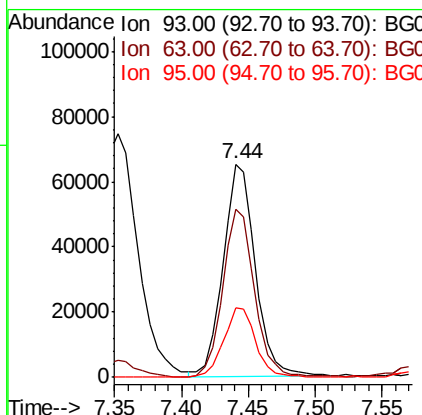
#11
bis(2-Chloroethyl)ether
Concen: 42.332 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tot Ion	93	Resp	109761
Ion Ratio	Lower	Upper	
93	100		
63	79.0	54.6	94.6
95	32.4	9.7	49.7

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

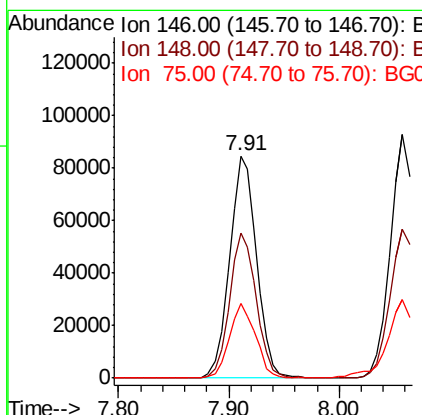
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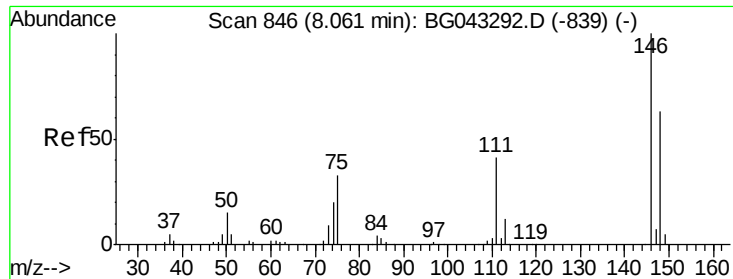
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.959 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	146	Resp	144505
Ion Ratio	Lower	Upper	
146	100		
148	65.4	53.4	80.2
75	33.7	27.0	40.4





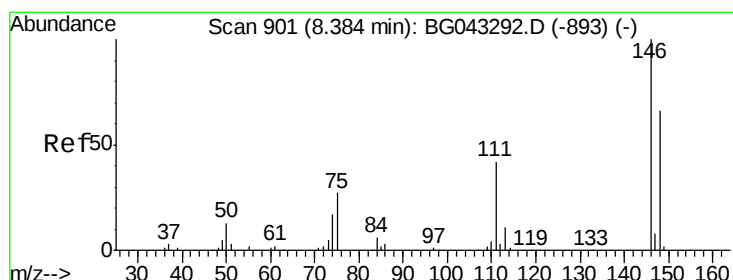
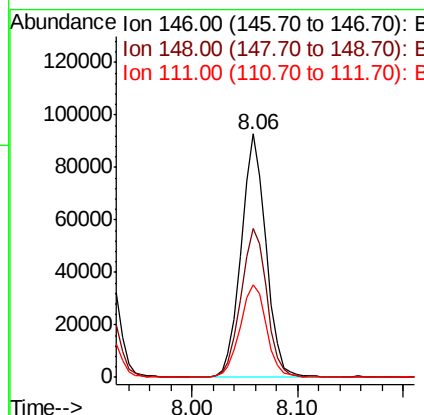
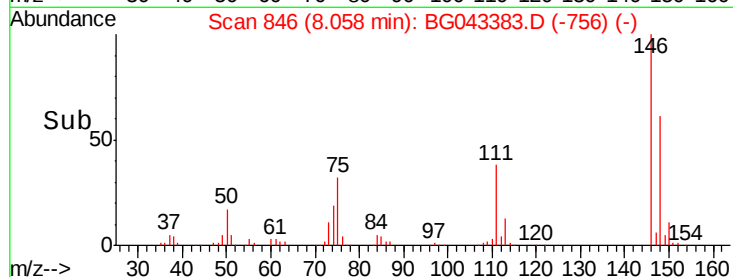
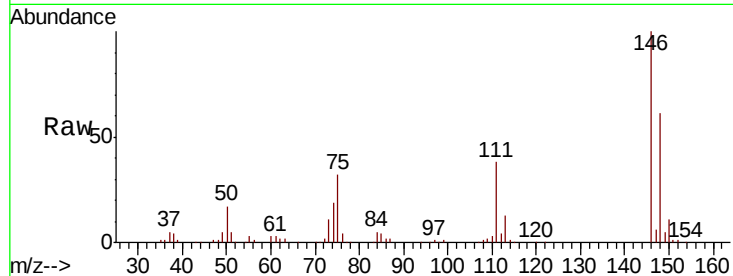
#13
 1,4-Dichlorobenzene
 Concen: 42.121 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.9	50.7	76.1
111	38.3	33.0	49.6

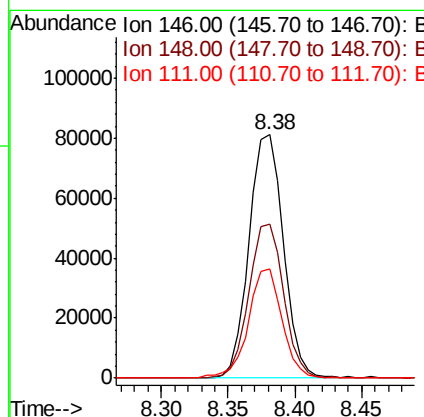
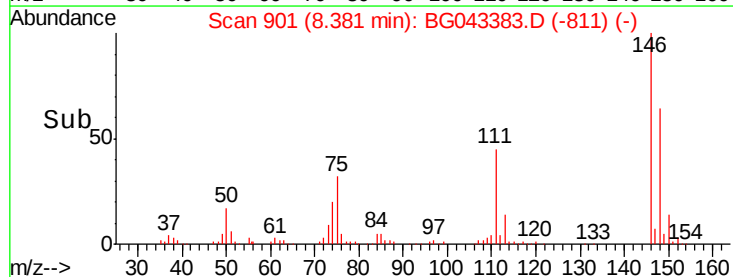
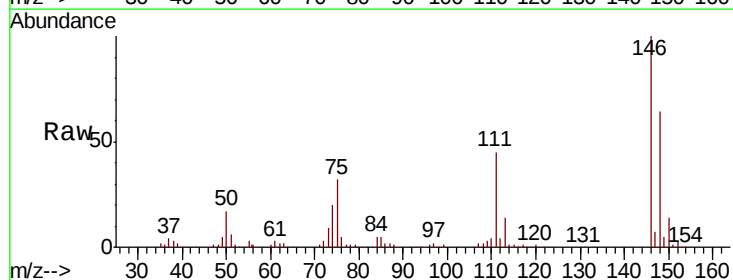
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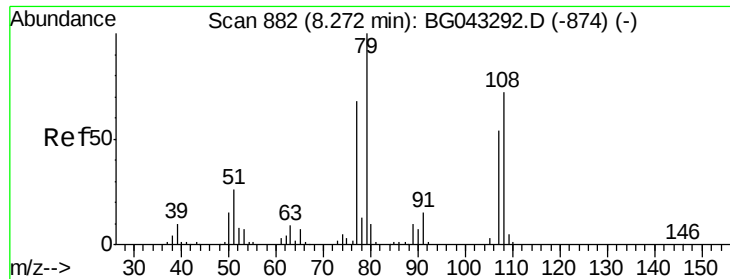
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.488 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	53.0	79.4
111	45.1	34.5	51.7





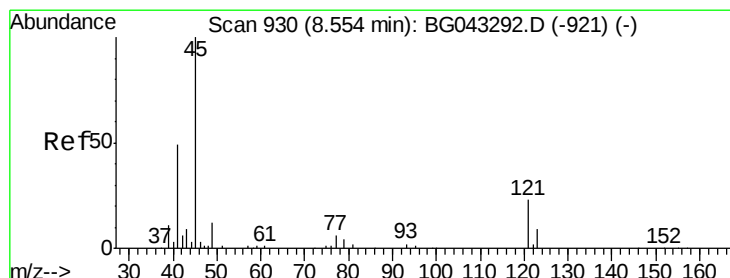
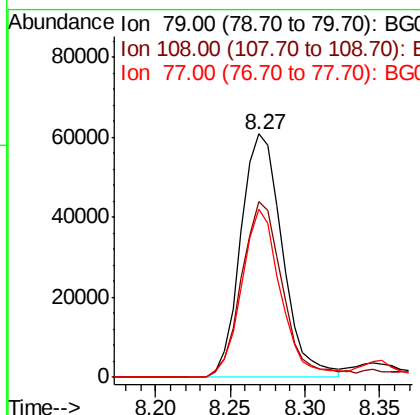
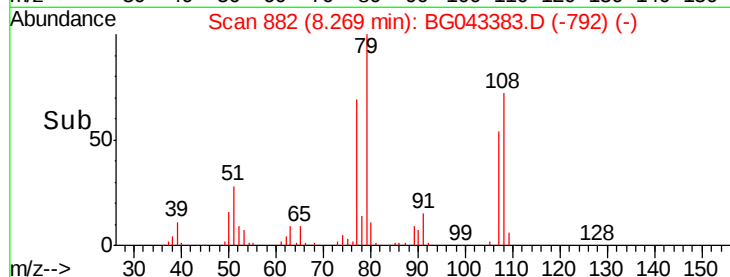
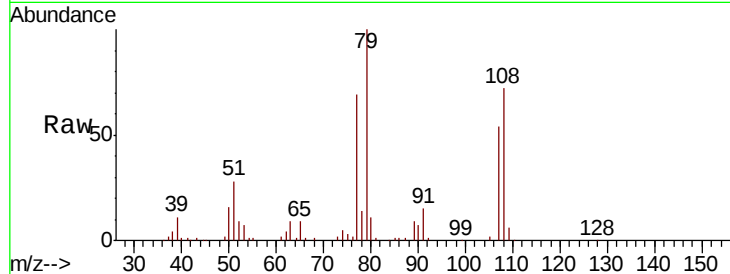
#15
Benzyl Alcohol
Concen: 45.651 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.2	57.3	85.9
77	68.9	54.6	81.8

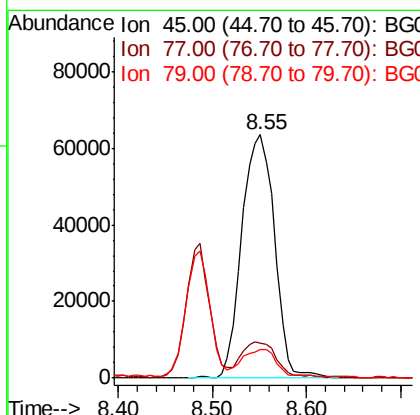
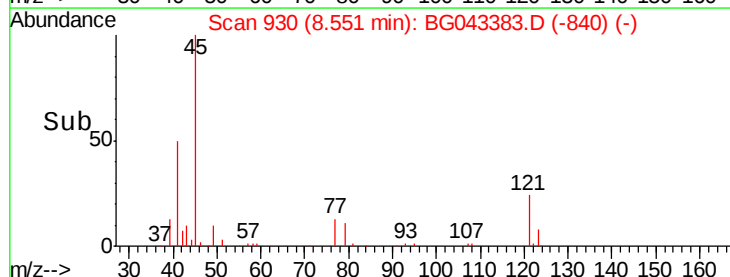
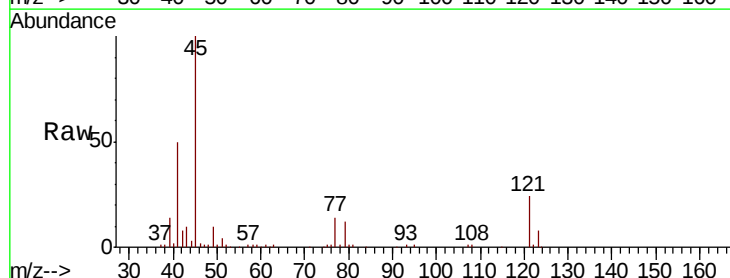
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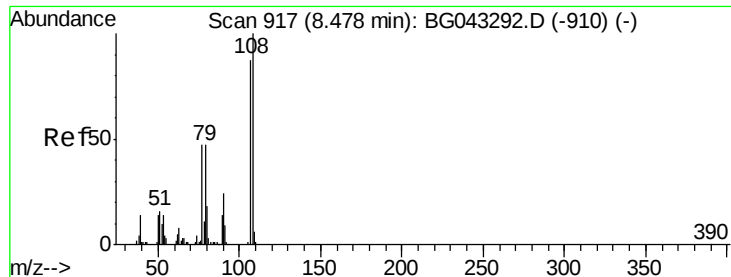
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.693 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.2
79	11.6	0.0	32.3





#17

2-Methylphenol

Concen: 45.462 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

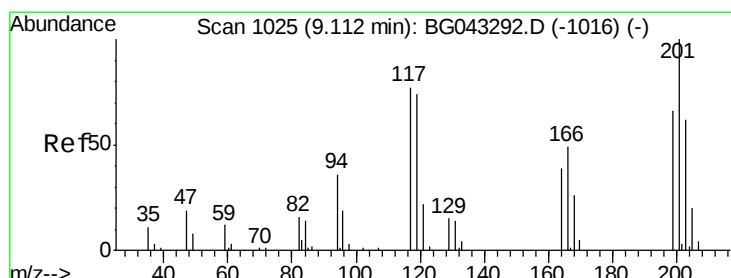
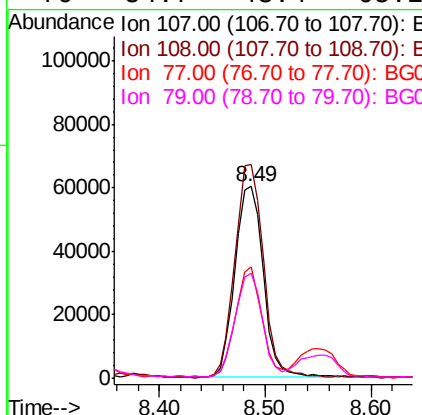
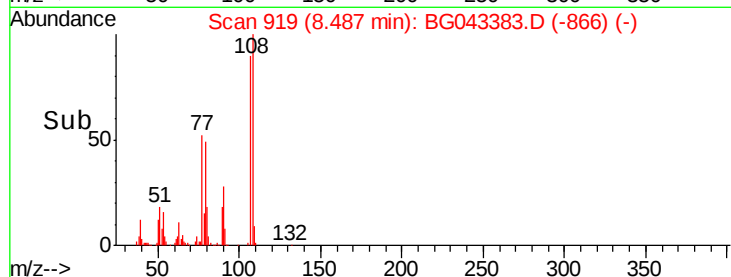
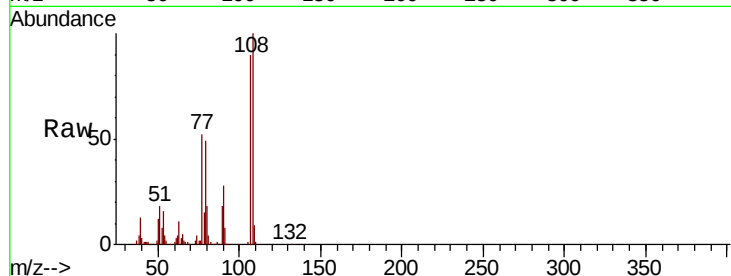
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.3	136.9	
77	58.1	43.0	64.6	
79	54.7	43.4	65.2	

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#18

Hexachloroethane

Concen: 41.616 ng

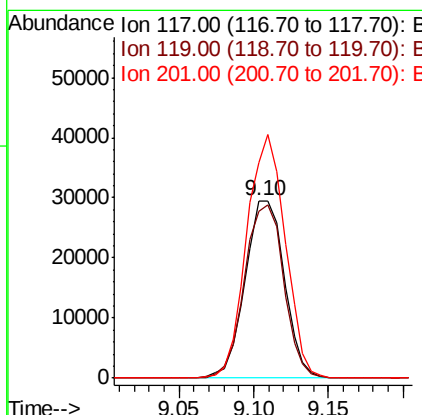
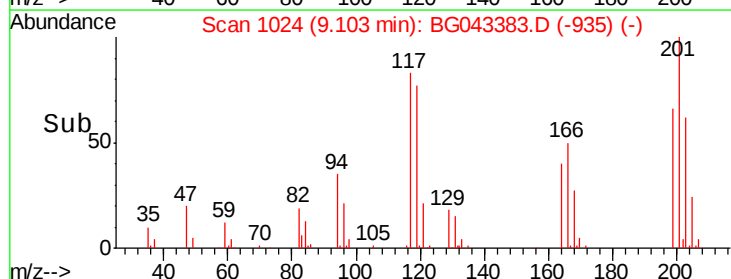
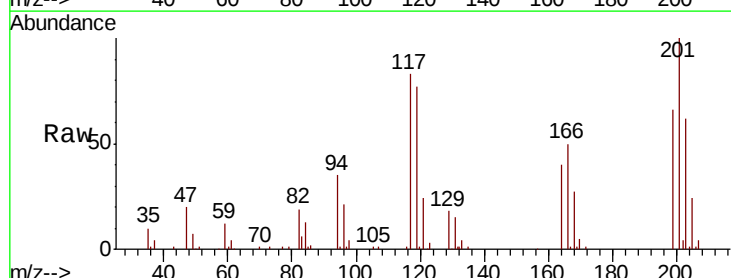
RT: 9.10 min Scan# 1024

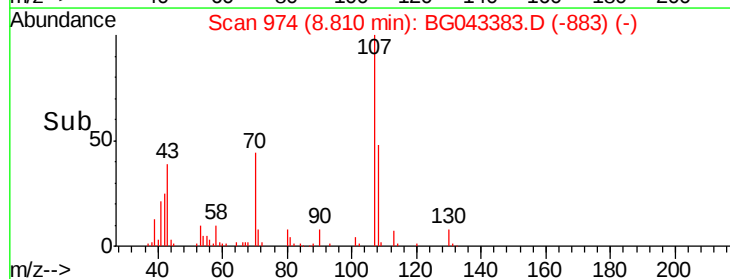
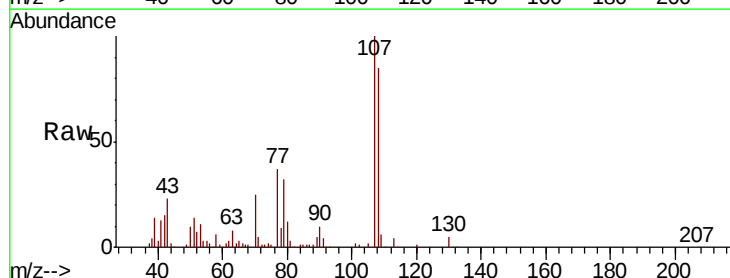
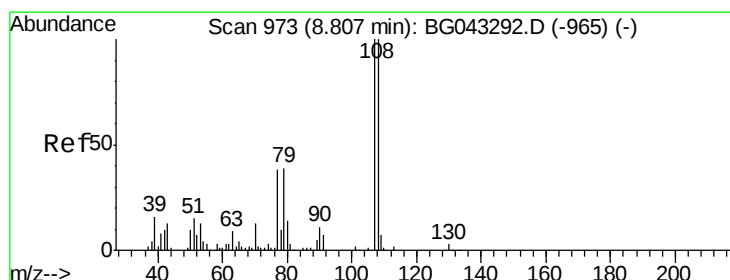
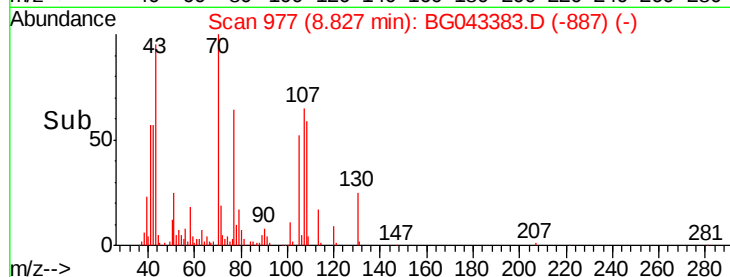
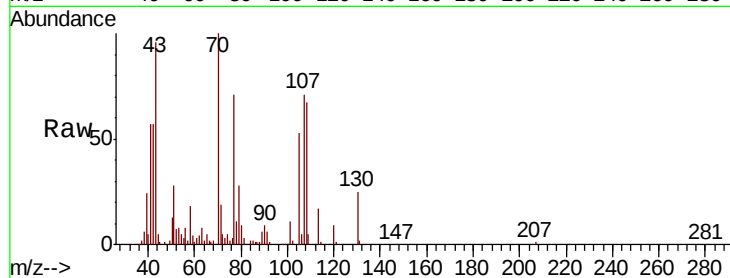
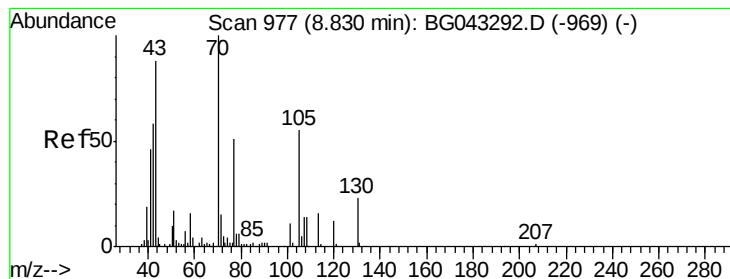
Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	77.3	115.9	
201	121.2	104.2	156.4	





#19

n-Nitroso-di-n-propylamine

Concen: 41.318 ng

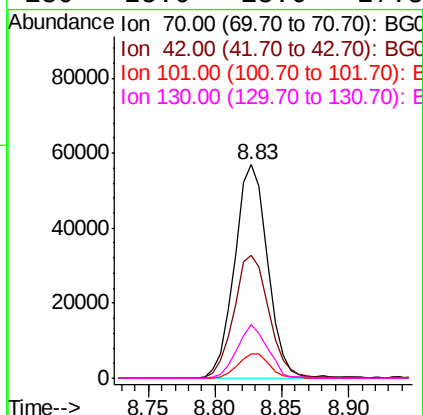
RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	46.2	69.2	
101	11.1	8.6	13.0	
130	25.0	18.6	27.8	



Instrument :

BNA_G

ClientSampleId :

17-20-(0-2.5)MS

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#20

3+4-Methylphenols

Concen: 45.578 ng

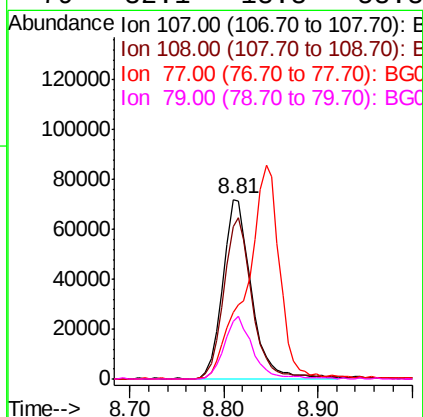
RT: 8.81 min Scan# 974

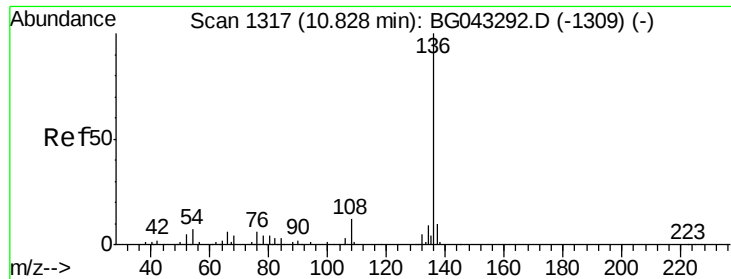
Delta R.T. 0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	80.3	120.3	
77	37.4	18.2	58.2	
79	32.1	18.8	58.8	





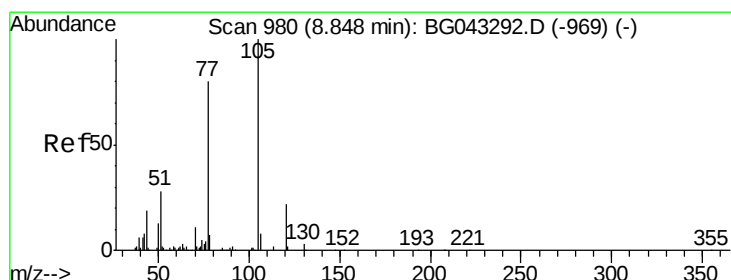
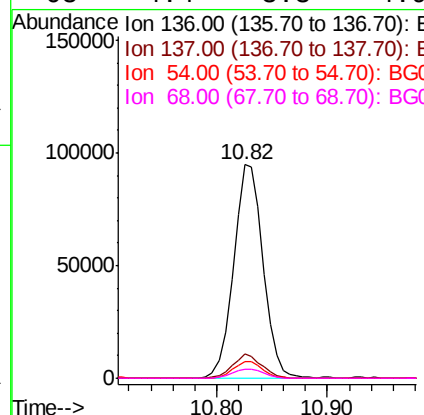
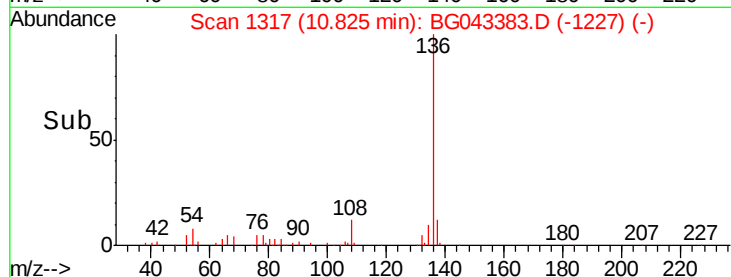
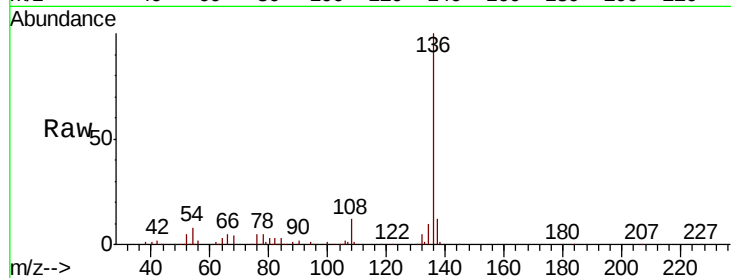
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	176790		
137	11.7	8.2	12.2	
54	7.8	5.4	8.2	
68	4.4	3.3	4.9	

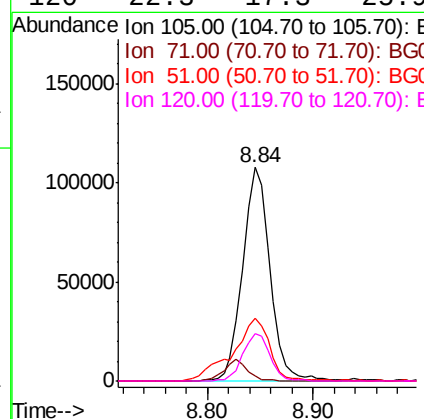
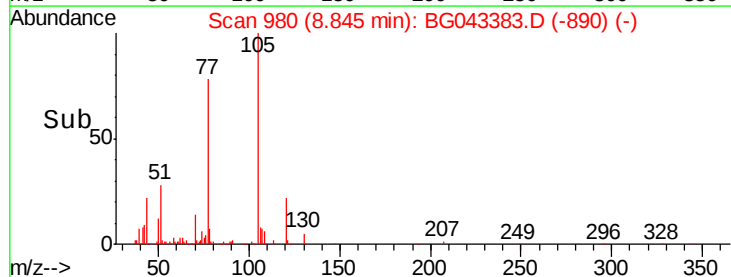
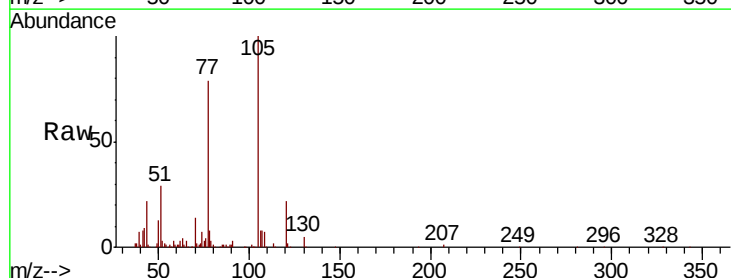
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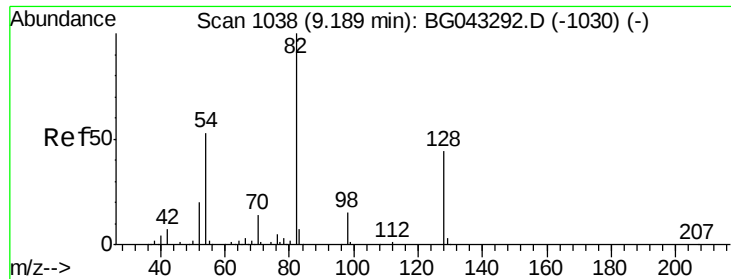
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#22
Acetophenone
Concen: 42.644 ng
RT: 8.84 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193067		
71	2.2	1.5	2.3	
51	29.3	23.9	35.9	
120	22.3	17.3	25.9	





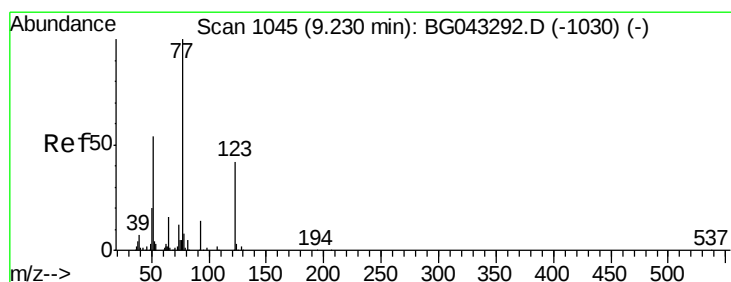
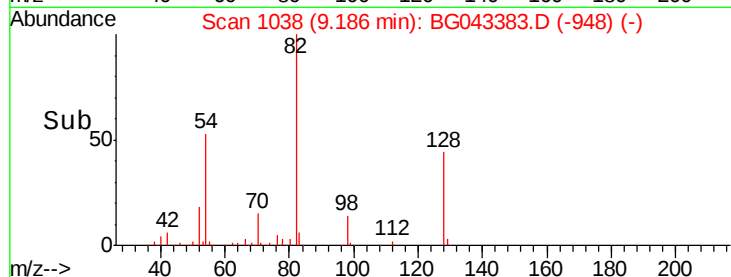
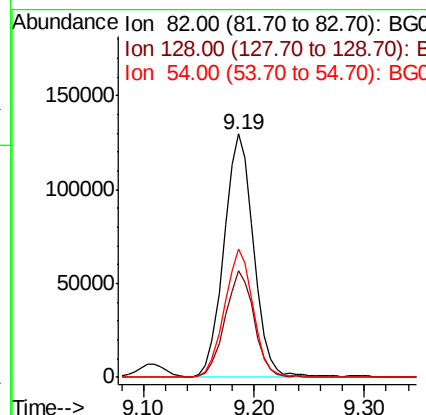
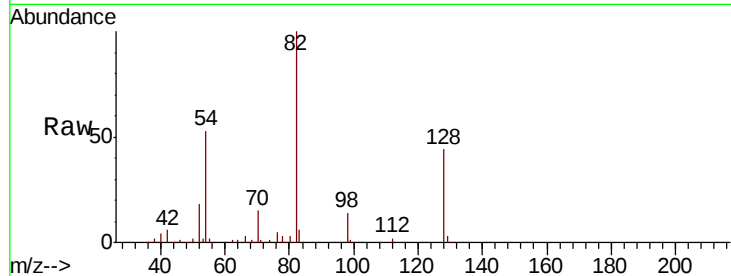
#23
Nitrobenzene-d5
Concen: 70.639 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.3	52.9
54	53.0	42.3	63.5

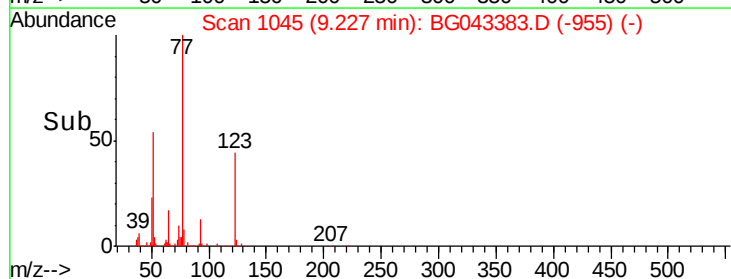
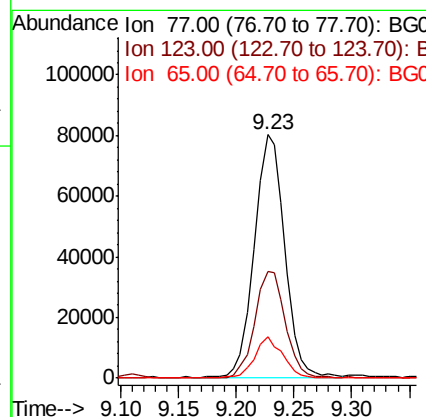
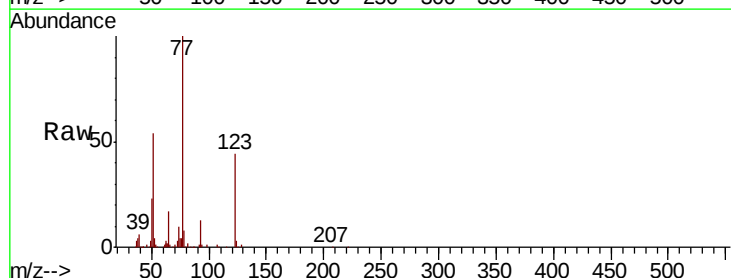
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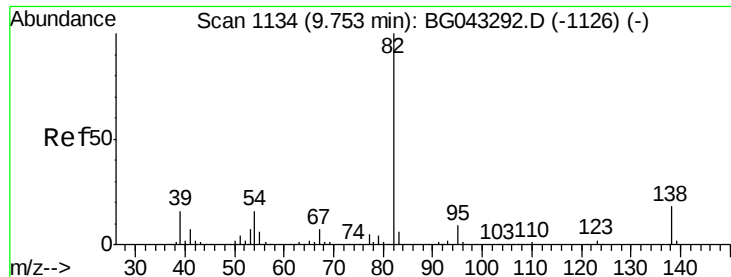
mohammad
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#24
Nitrobenzene
Concen: 45.107 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.8	50.8
65	16.8	13.0	19.4





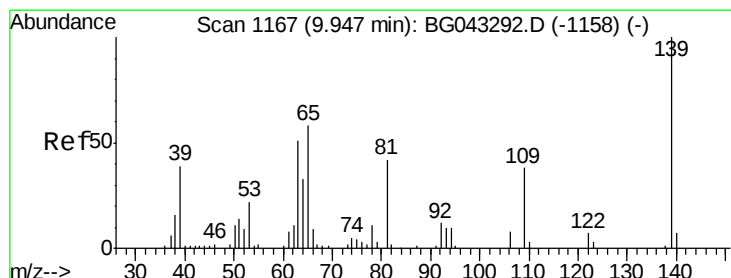
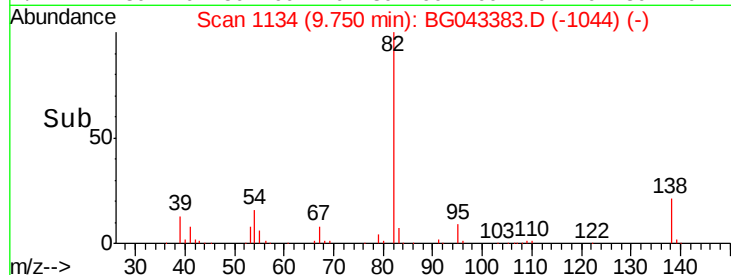
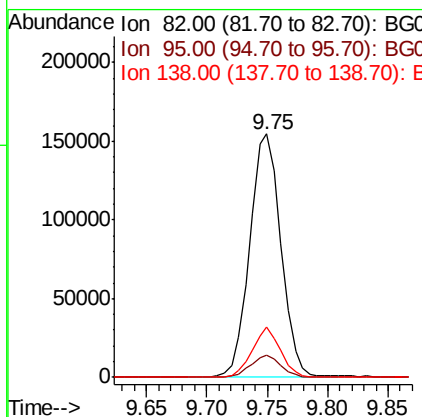
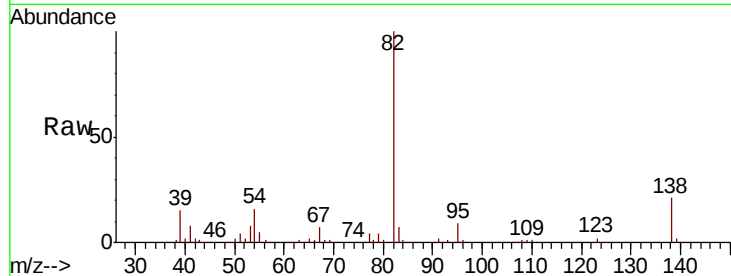
#25
Isophorone
Concen: 44.384 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	278268		
95	9.0	6.9	10.3	
138	20.8	14.2	21.2	

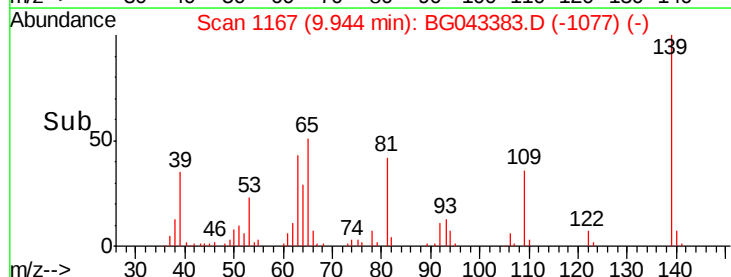
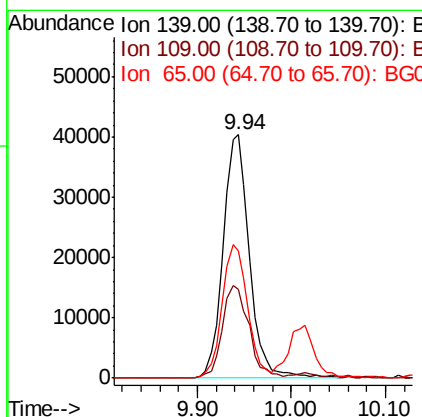
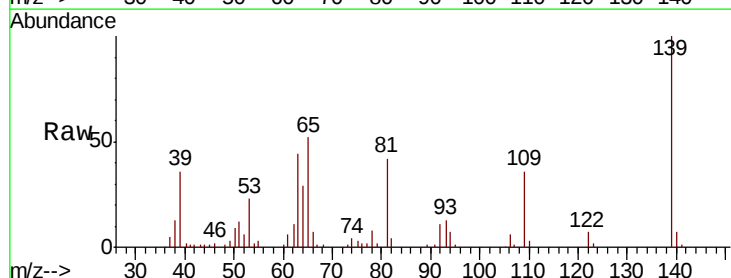
Manual Integrations
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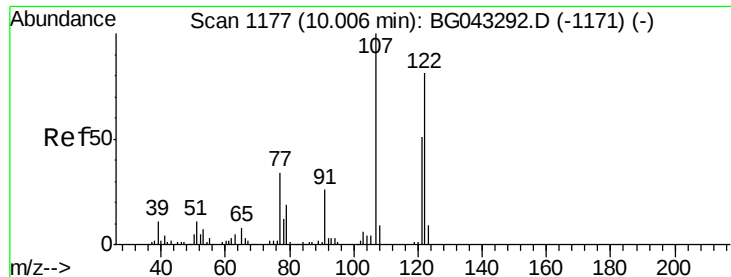
mohammad
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#26
2-Nitrophenol
Concen: 49.474 ng
RT: 9.94 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	78026		
109	36.3	30.1	45.1	
65	52.4	46.1	69.1	





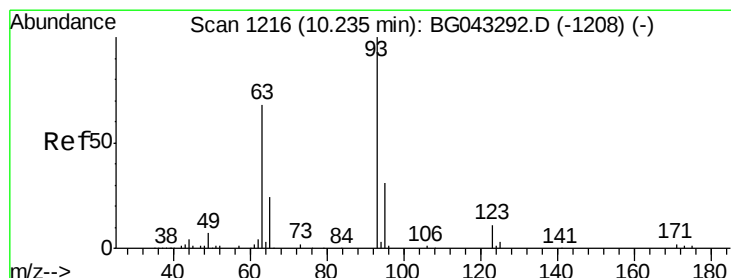
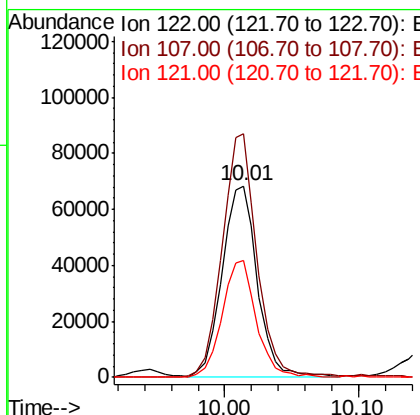
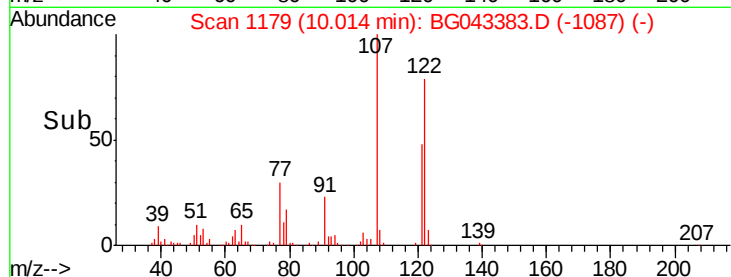
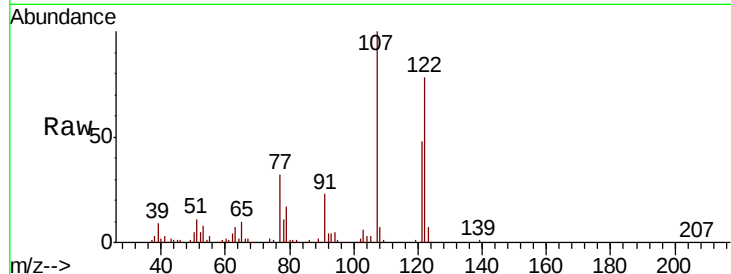
#27
2,4-Dimethylphenol
Concen: 55.152 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	124667		
107	127.4	98.6	147.8	
121	60.9	50.1	75.1	

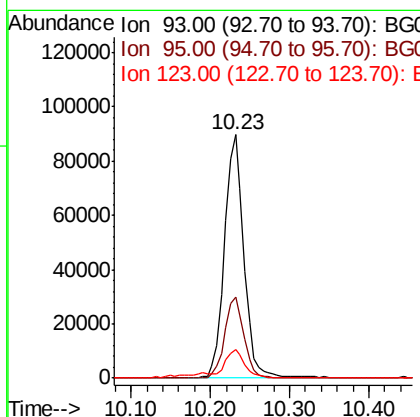
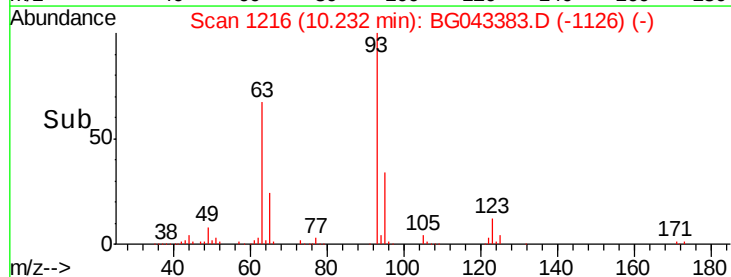
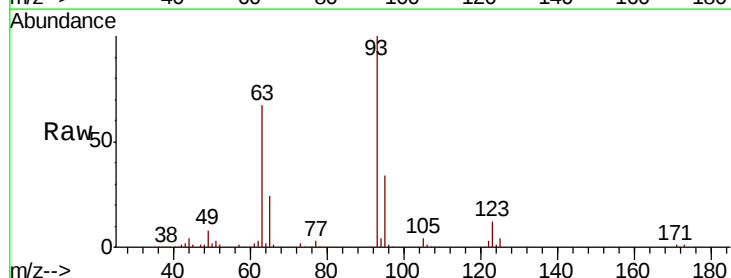
Manual Integrations
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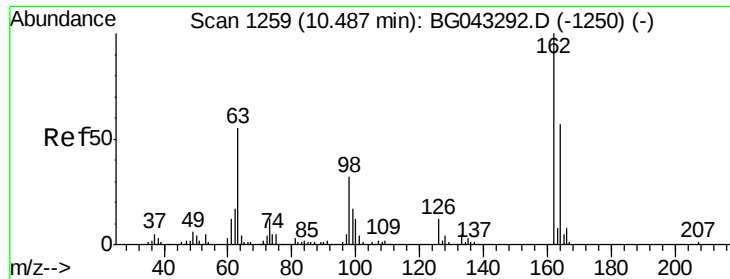
mohammad
10/30/2019 4:54:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.115 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	152649		
95	33.5	24.9	37.3	
123	11.6	8.9	13.3	





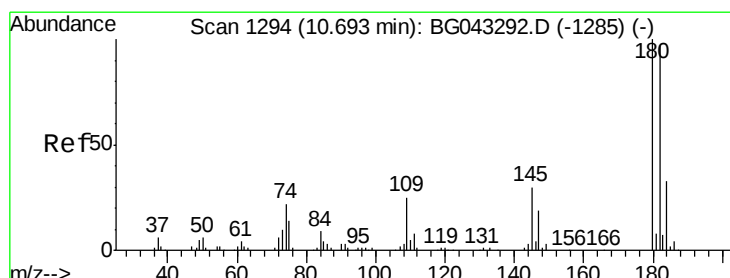
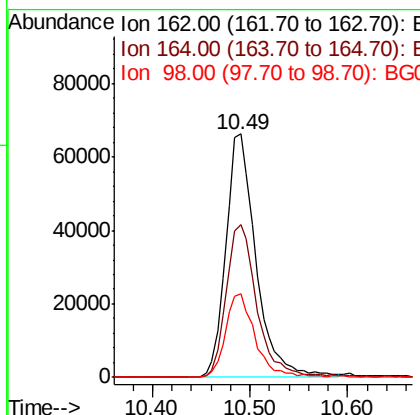
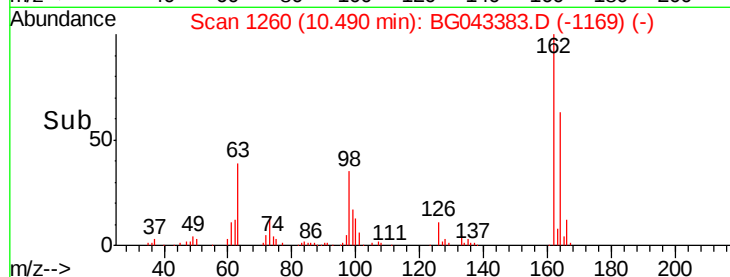
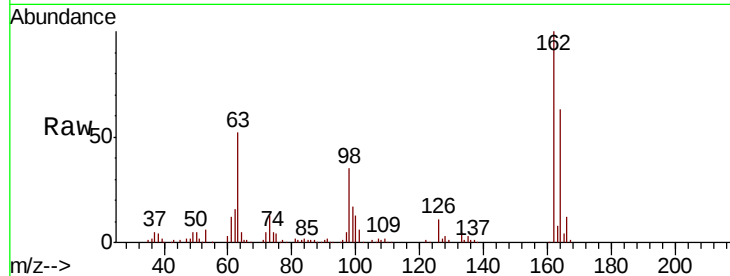
#29
 2,4-Dichlorophenol
 Concen: 49.242 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	37.3	77.3
98	34.5	11.8	51.8

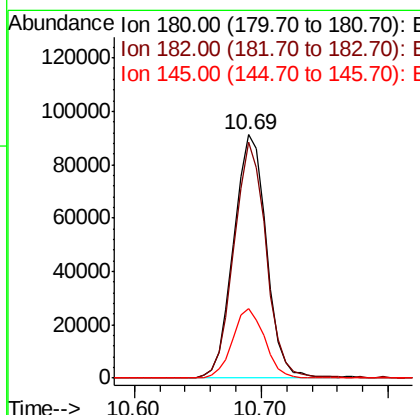
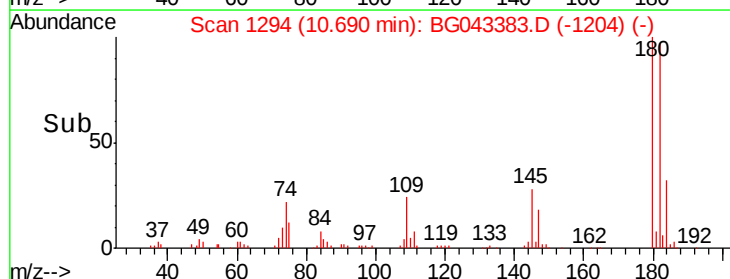
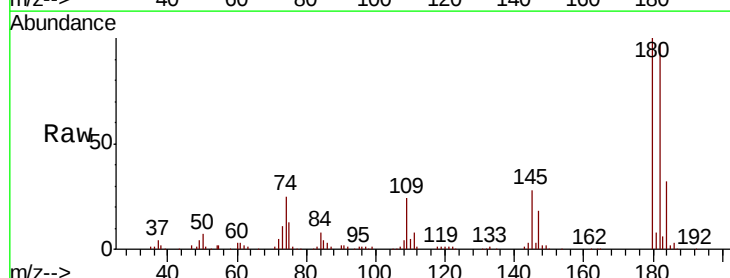
Manual Integrations
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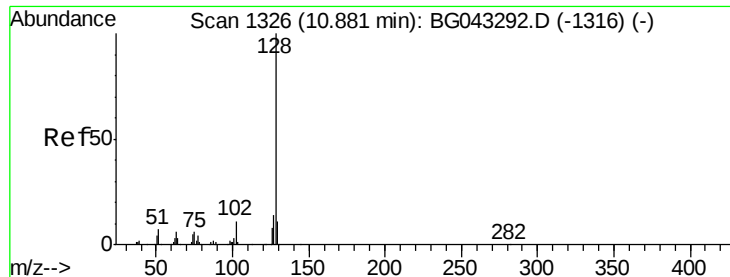
mohammad
 10/30/2019 4:54:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.794 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.8	116.8
145	28.4	23.6	35.4





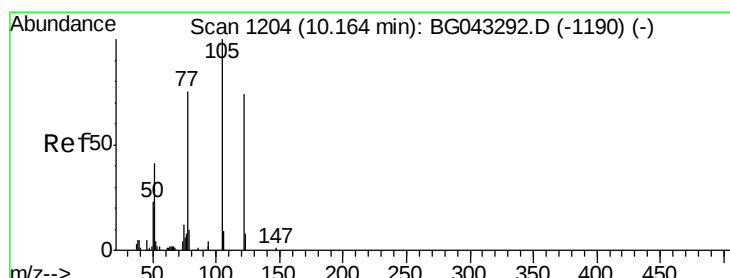
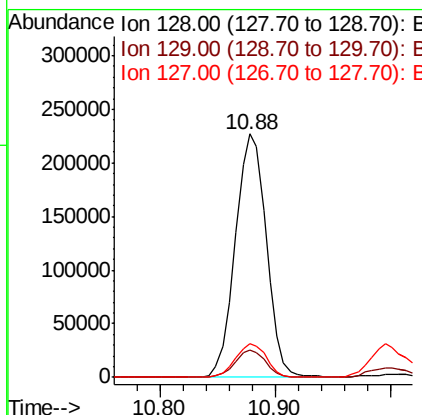
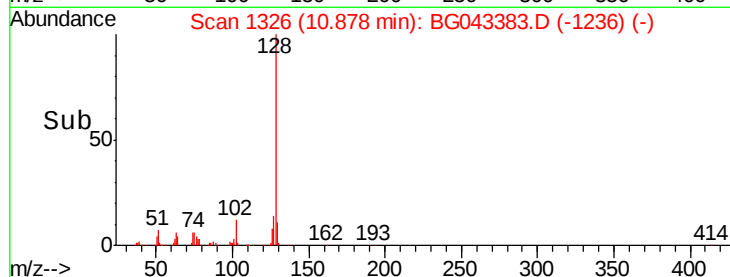
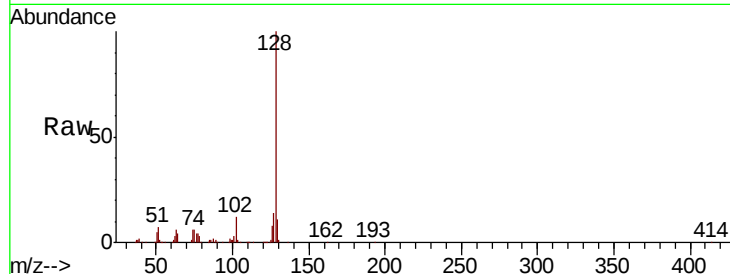
#31
Naphthalene
Concen: 47.055 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.8	11.5	17.3

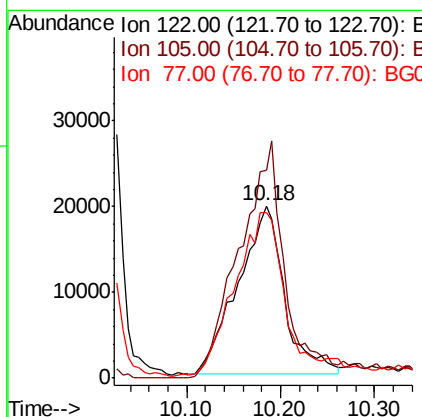
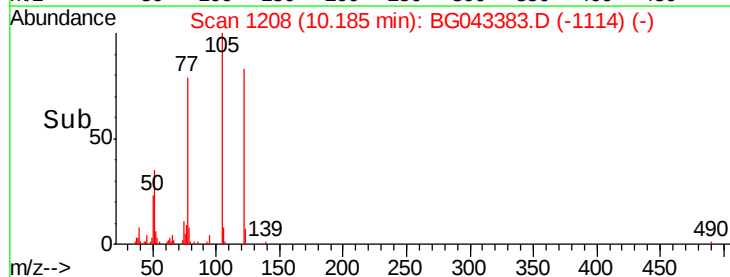
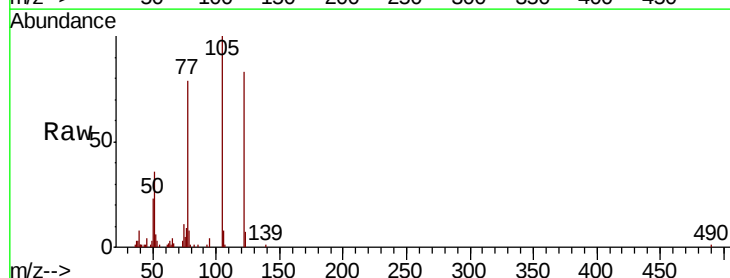
Manual Integrations
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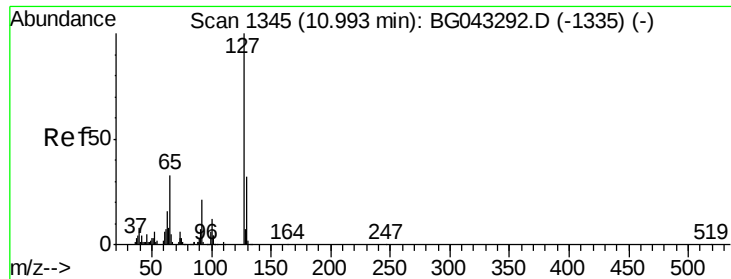
mohammad
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#32
Benzoic acid
Concen: 40.748 ng
RT: 10.18 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	112.4	152.4
77	96.1	82.7	122.7





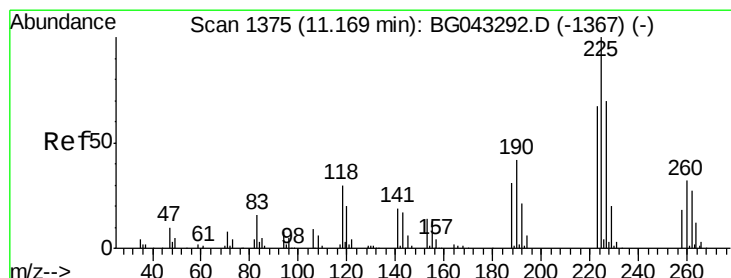
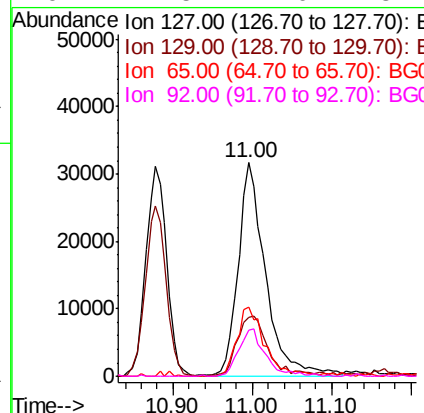
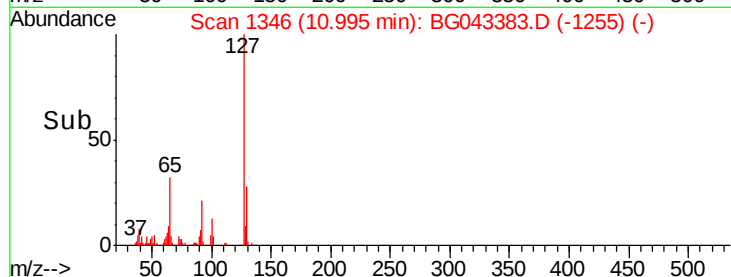
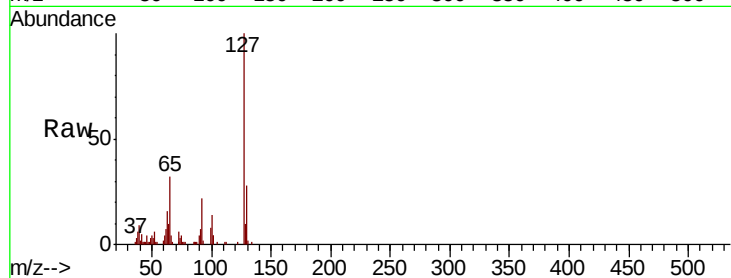
#33
4-Chloroaniline
Concen: 20.607 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.6	25.8	38.8
65	32.3	26.2	39.2
92	21.5	17.0	25.4

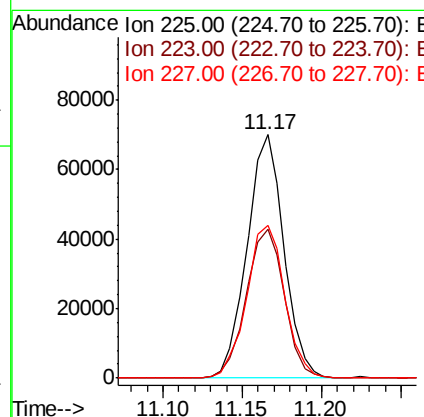
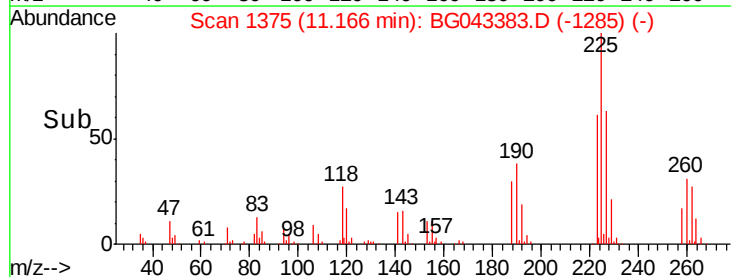
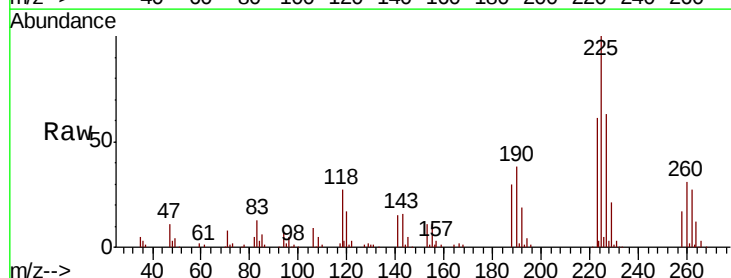
Manual Integrations
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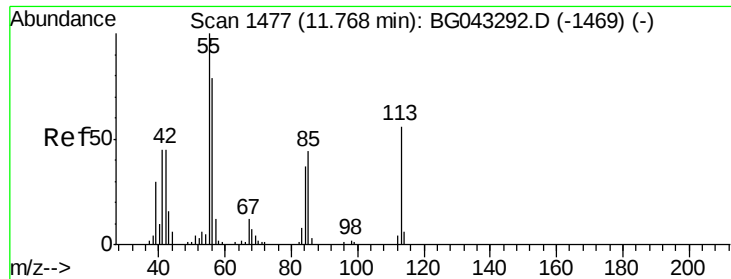
mohammad
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#34
Hexachlorobutadiene
Concen: 41.826 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	53.2	79.8
227	62.6	56.2	84.2





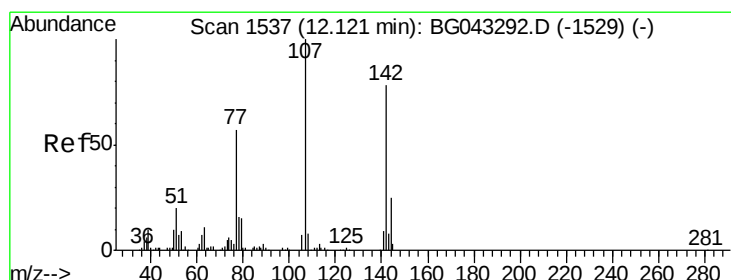
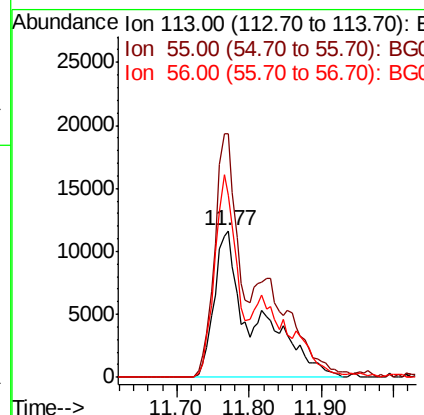
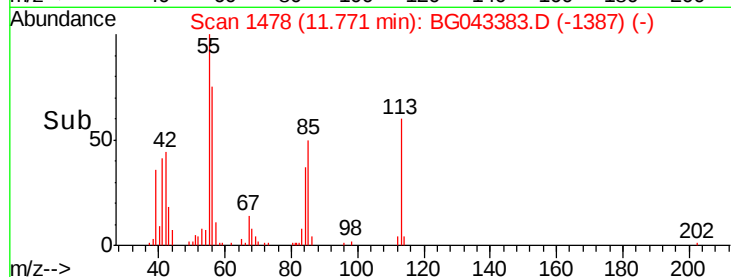
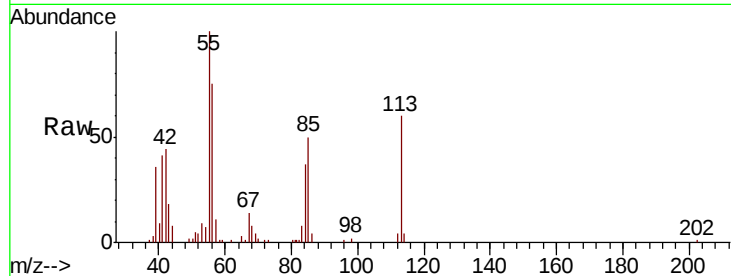
#35
 Caprolactam
 Concen: 45.236 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Instrument :
 BNA_G
 ClientSampleID :
 17-20-(0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	165.6		158.9	198.9	
56	123.9		121.4	161.4	

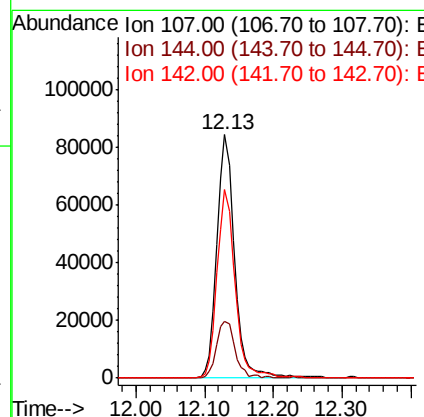
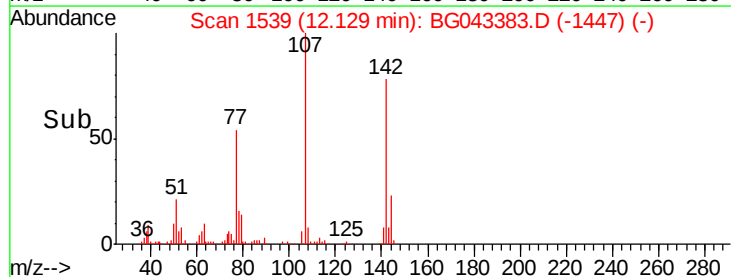
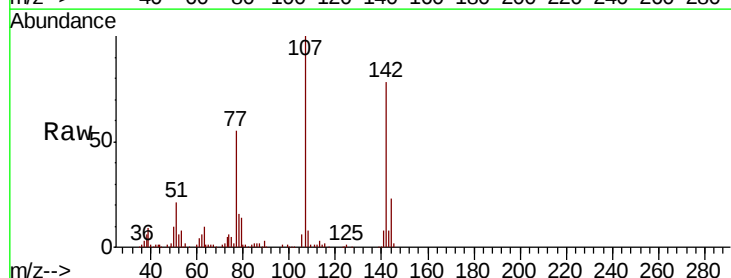
Manual Integrations
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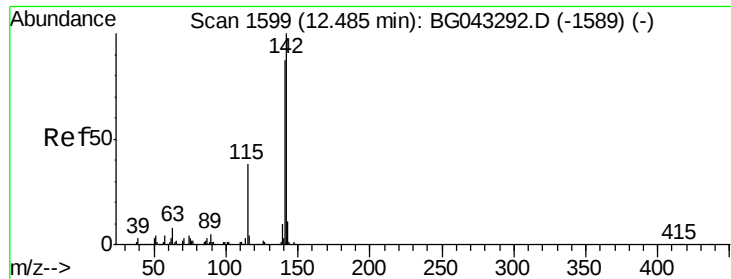
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.995 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.5		19.9	29.9	
142	77.6		62.1	93.1	





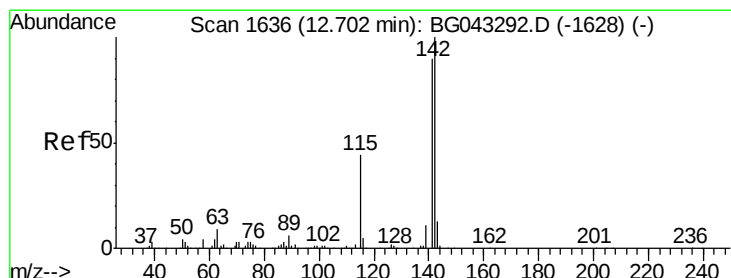
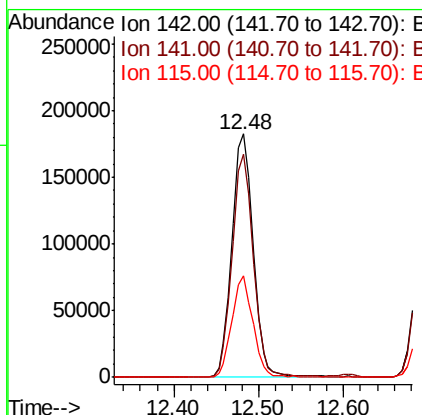
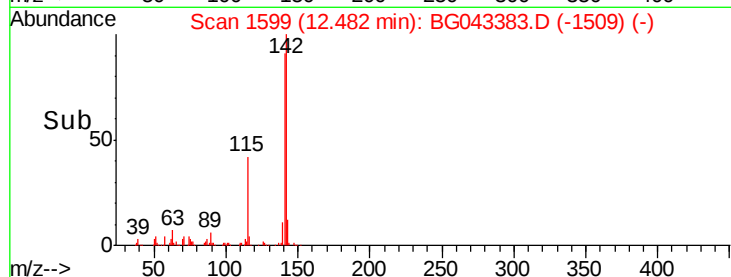
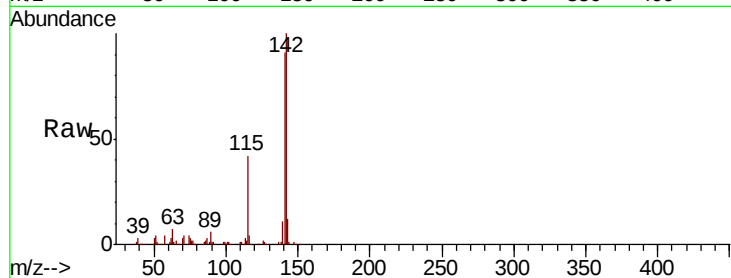
#37
2-Methylnaphthalene
Concen: 46.030 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.7	104.5
115	41.8	30.6	46.0

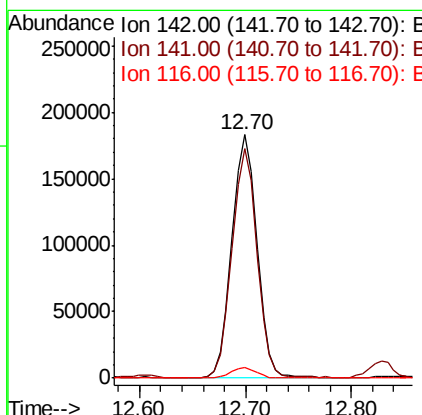
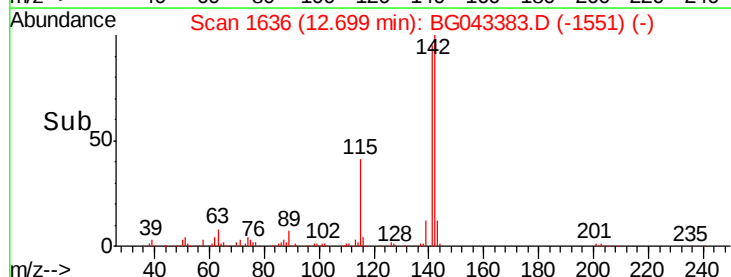
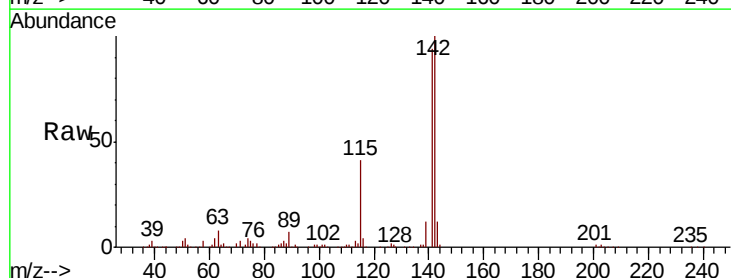
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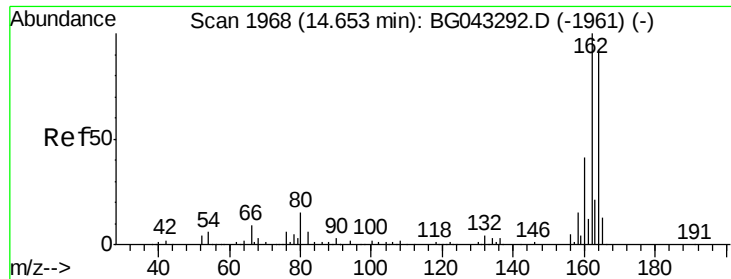
mohammad
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#38
1-Methylnaphthalene
Concen: 45.809 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.3	108.5
116	4.4	3.8	5.6





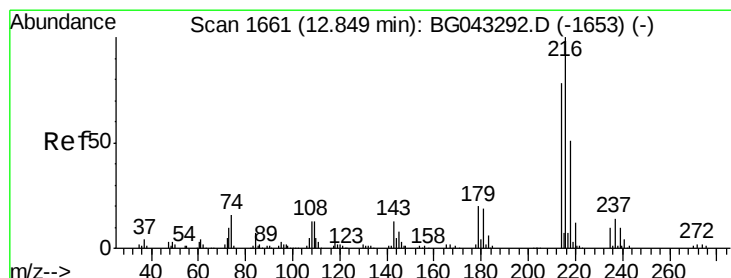
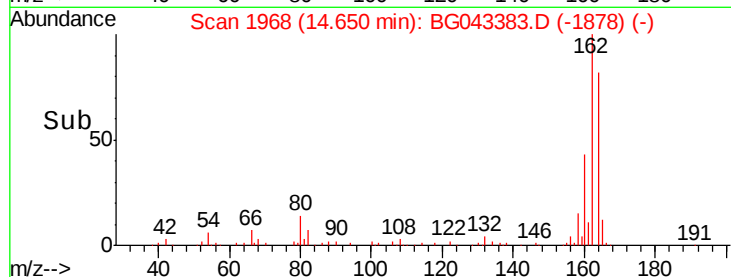
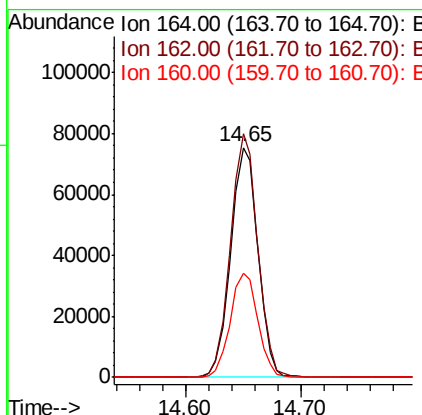
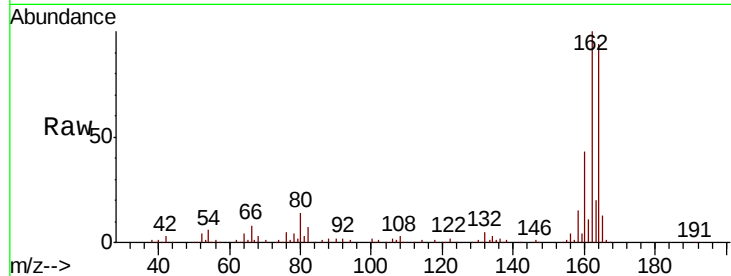
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	87.0	130.4
160	45.3	35.5	53.3

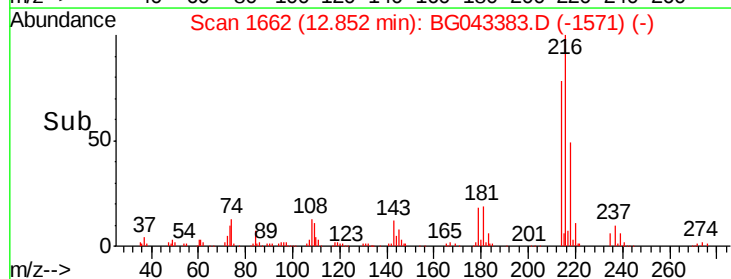
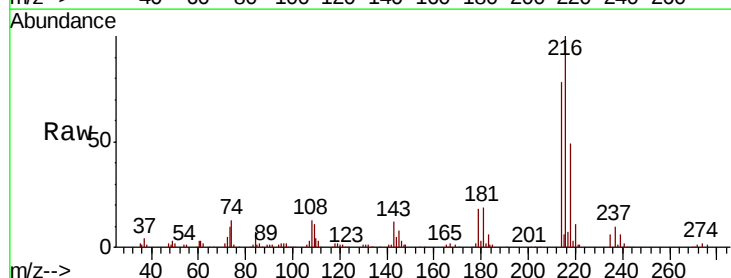
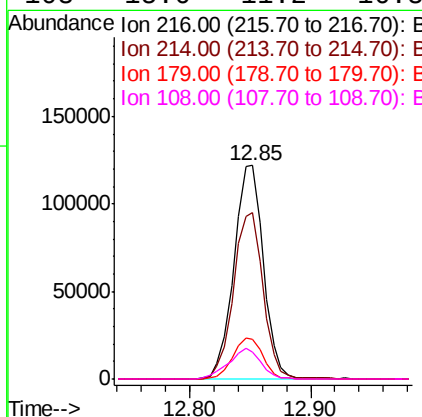
Manual Integrations
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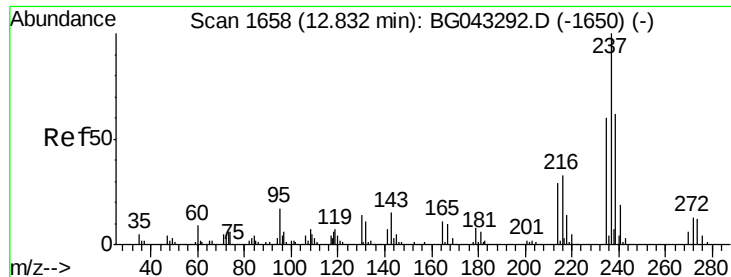
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.604 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	19.5	16.2	24.2
108	15.6	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 87.647 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

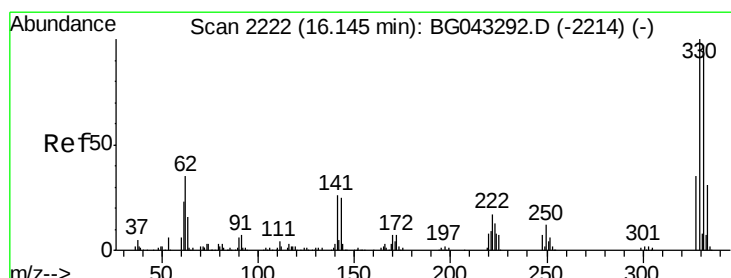
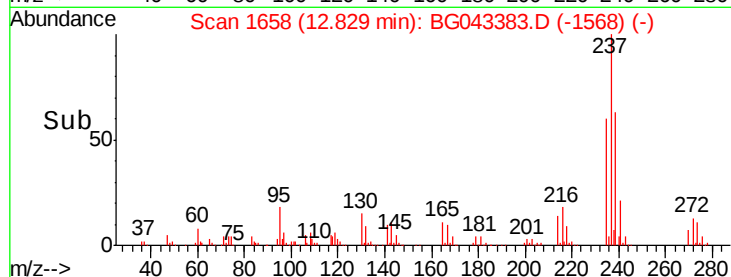
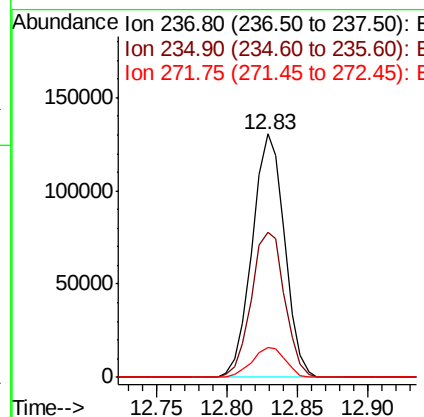
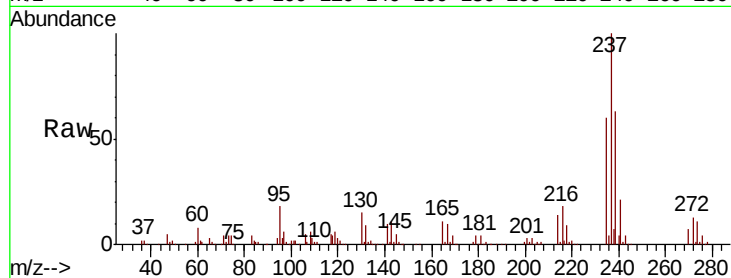
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	237	Resp:	210218
Ion Ratio	Lower	Upper	
237	100		
235	59.6	40.3	80.3
272	12.5	0.0	32.9

Manual Integrations
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10/30/2019 4:54:37 PM



#42

2,4,6-Tribromophenol

Concen: 104.870 ng

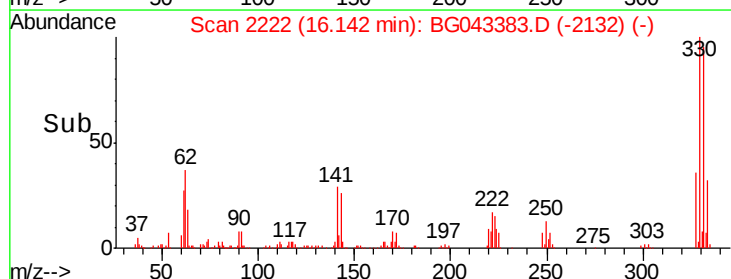
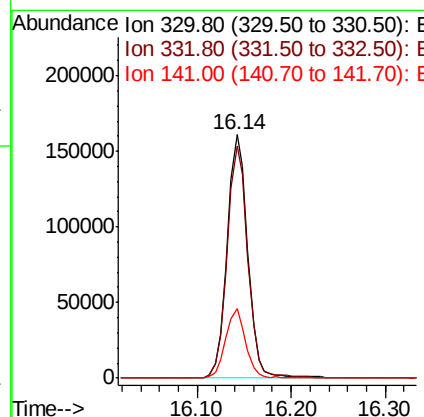
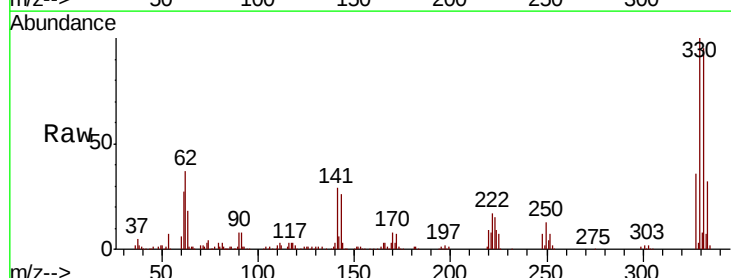
RT: 16.14 min Scan# 2222

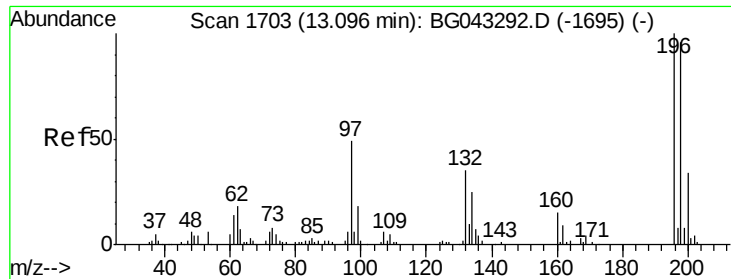
Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	330	Resp:	246210
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.4	114.6
141	27.7	21.4	32.0





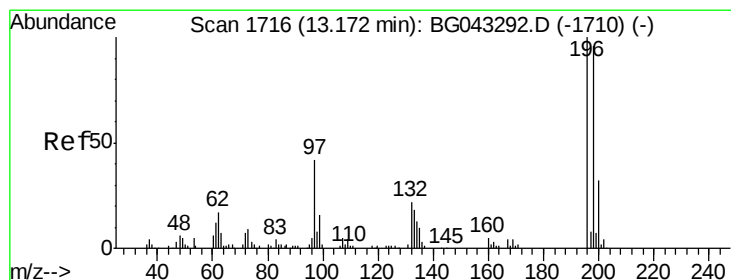
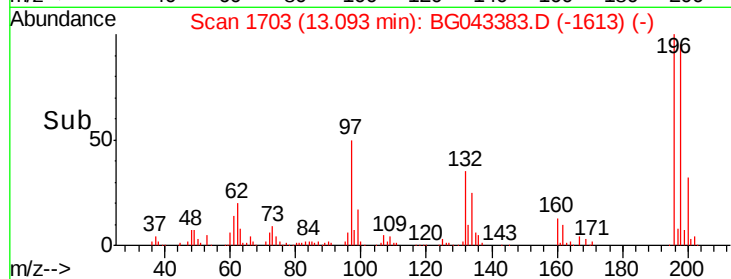
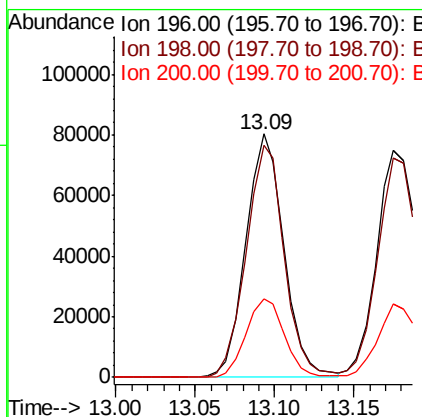
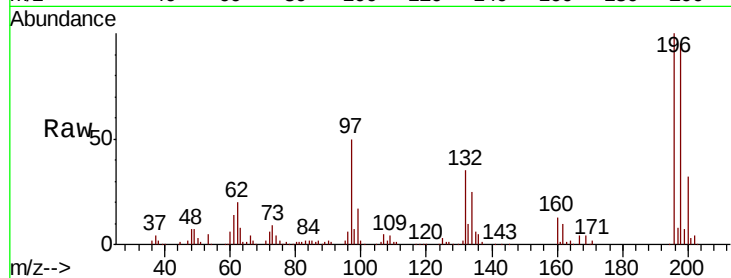
#43
 2,4,6-Trichlorophenol
 Concen: 49.731 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 17-20-(0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	133718		
198	95.4	77.0	115.4	
200	32.1	27.4	41.2	

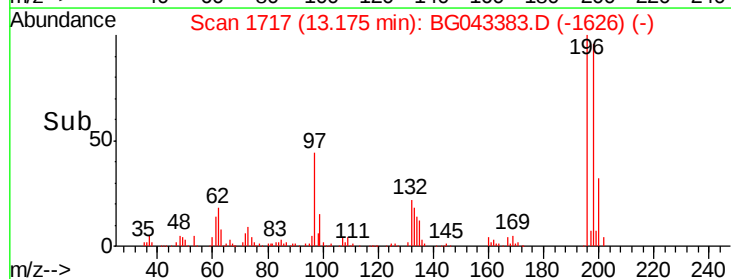
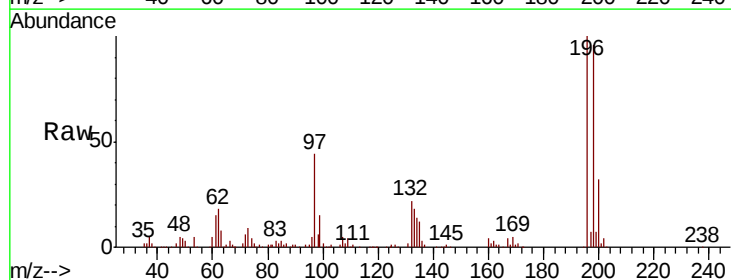
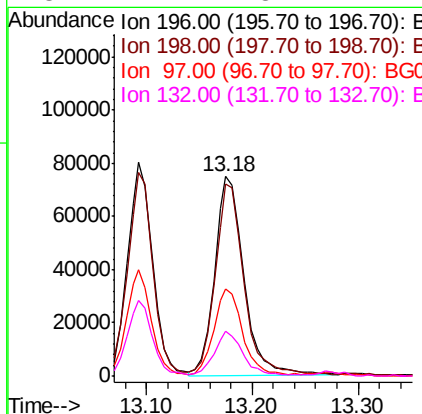
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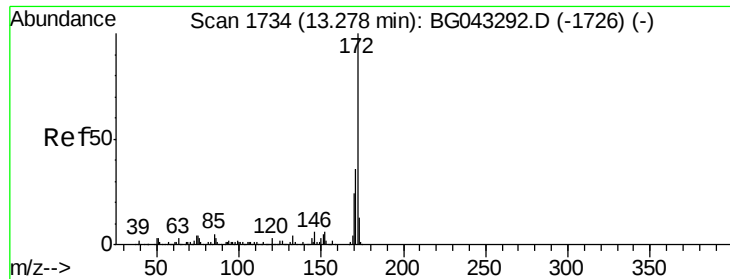
mohammad
 10/30/2019 4:54:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.793 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143510		
198	96.2	76.6	114.8	
97	43.9	34.1	51.1	
132	22.4	18.2	27.4	





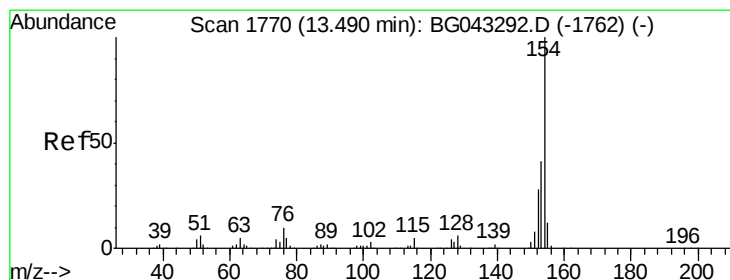
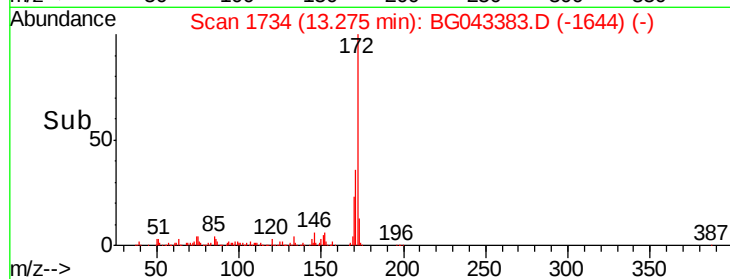
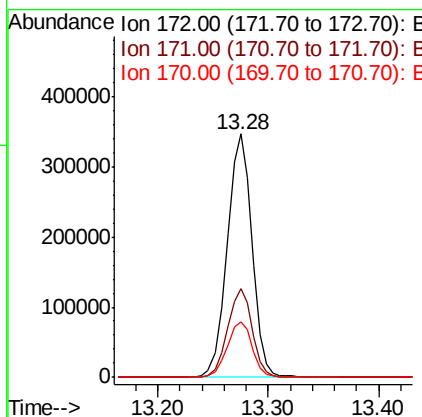
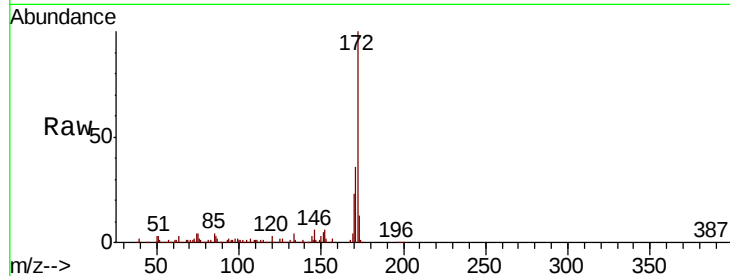
#45
2-Fluorobiphenyl
Concen: 61.030 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		544899		
171	36.2	28.5	42.7		
170	22.8	18.8	28.2		

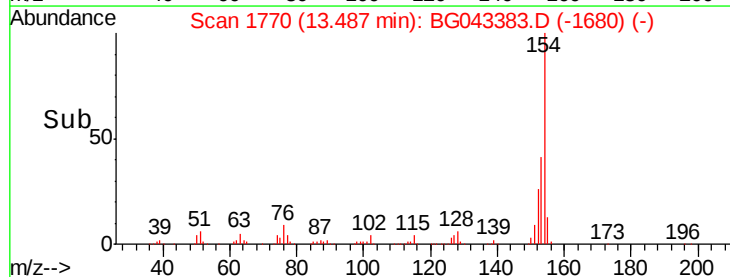
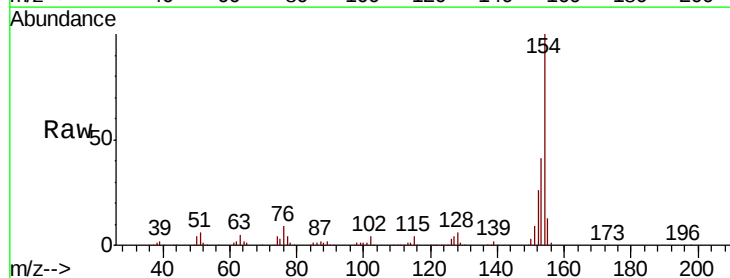
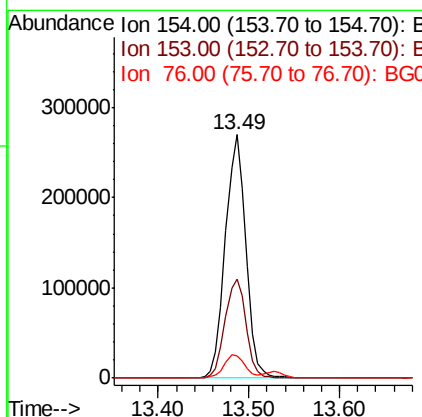
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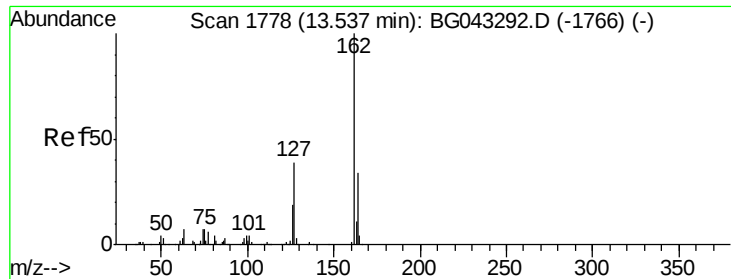
mohammad
10/30/2019 4:54:37 PM



#46
1,1'-Biphenyl
Concen: 45.293 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		425099		
153	40.6	21.0	61.0		
76	9.2	0.0	29.8		





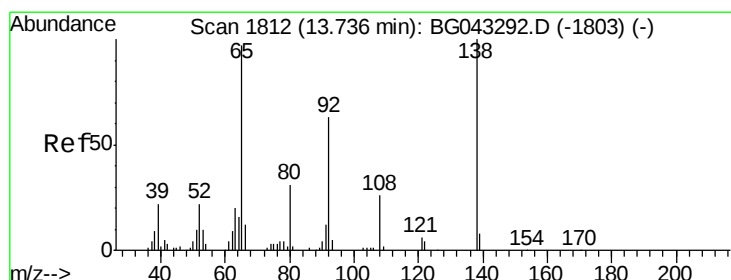
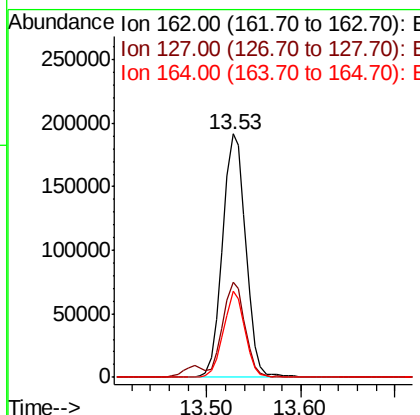
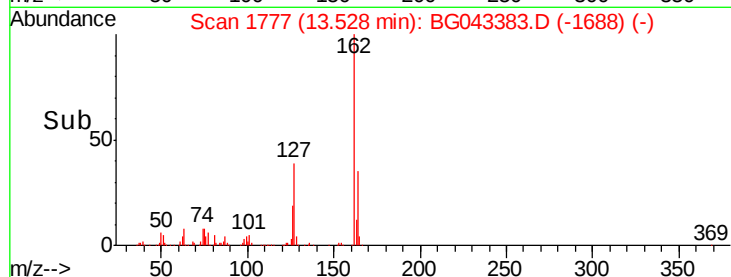
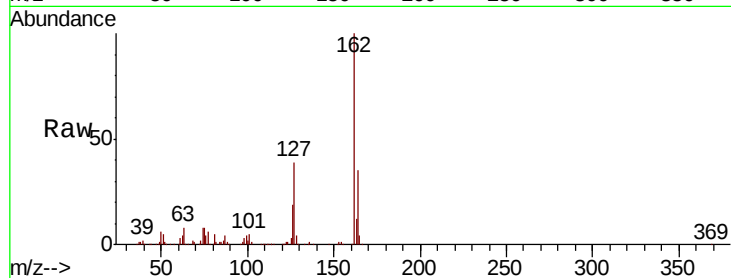
#47
2-Chloronaphthalene
Concen: 46.278 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.3	46.9
164	35.3	26.8	40.2

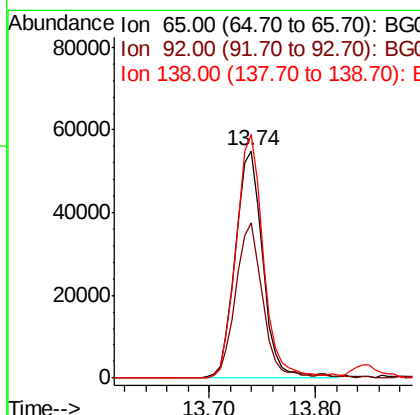
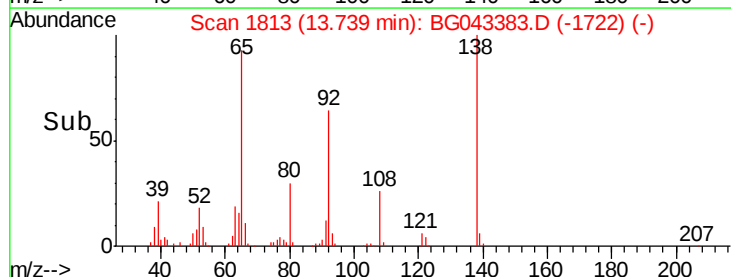
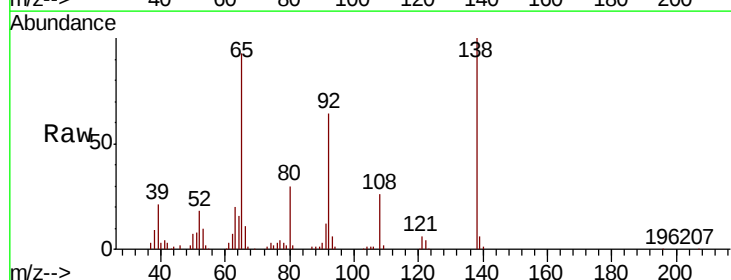
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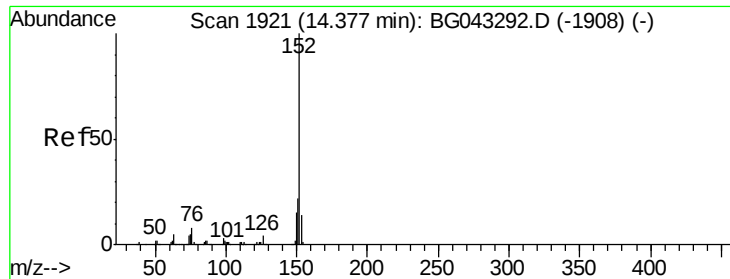
mohammad
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#48
2-Nitroaniline
Concen: 46.293 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.6	79.0
138	107.0	82.9	124.3





#49

Acenaphthylene

Concen: 47.955 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

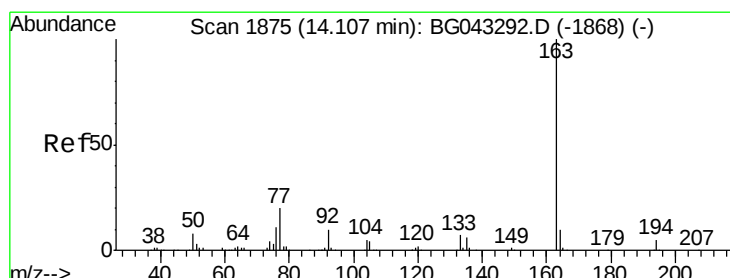
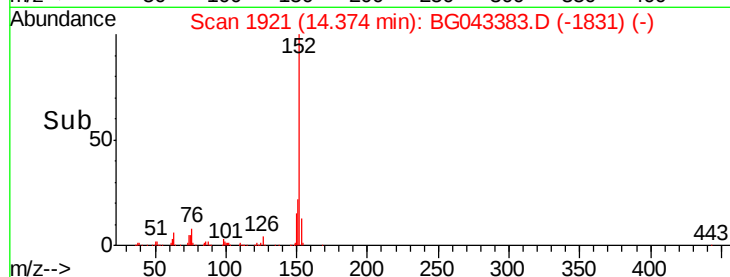
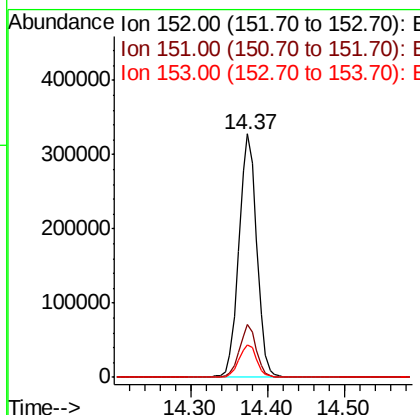
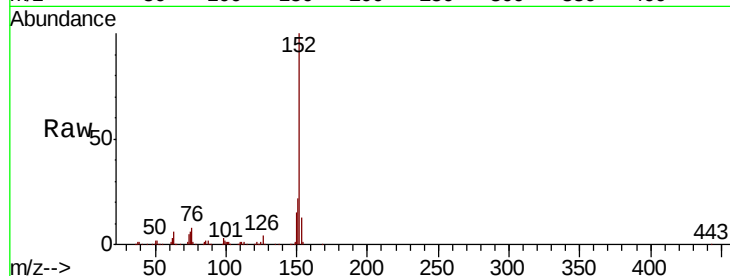
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		532973		
151	21.5	17.2	25.8		
153	13.3	11.0	16.6		

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#50

Dimethylphthalate

Concen: 52.700 ng

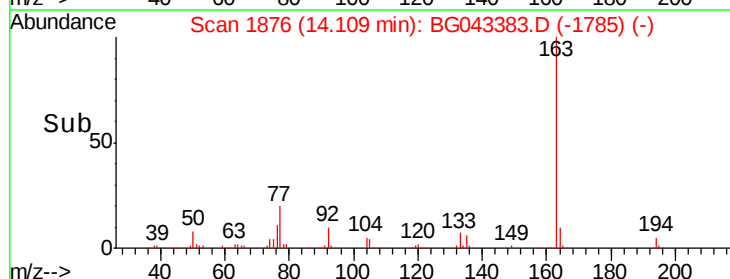
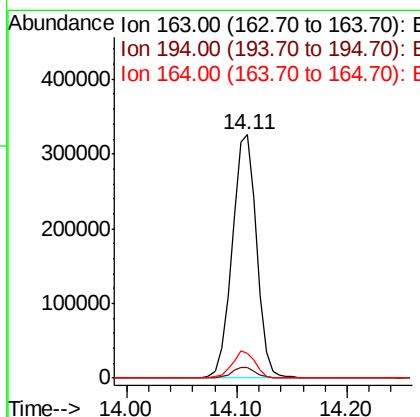
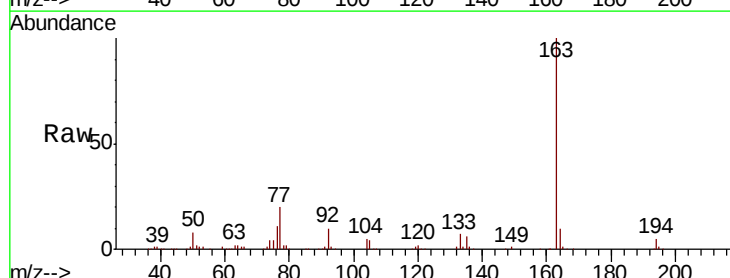
RT: 14.11 min Scan# 1876

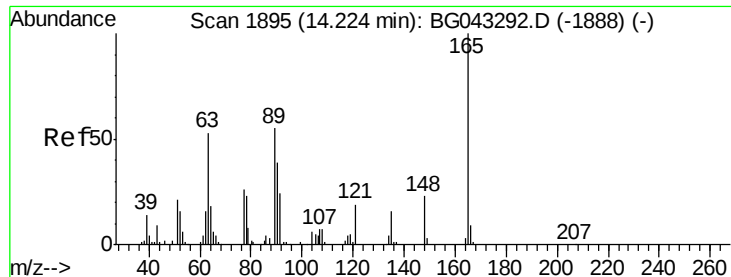
Delta R.T. 0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		503600		
194	4.6	3.7	5.5		
164	10.1	8.1	12.1		





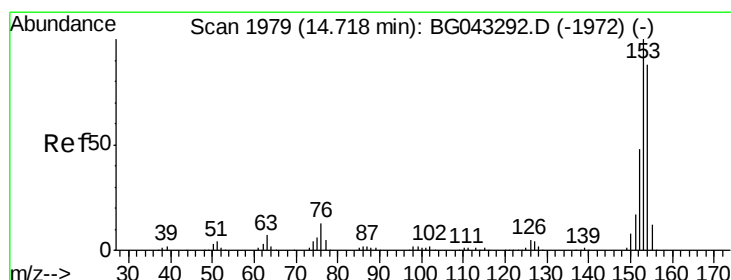
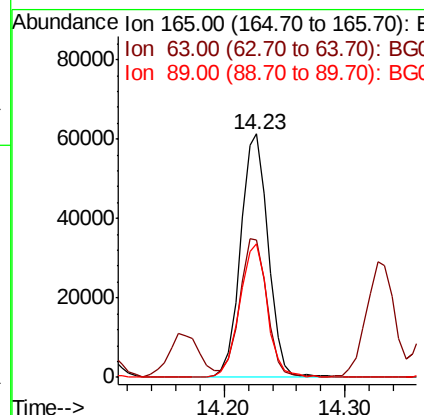
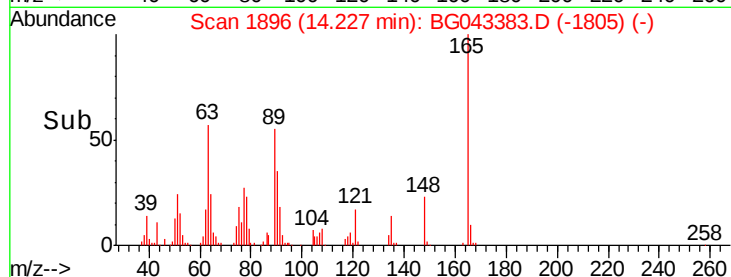
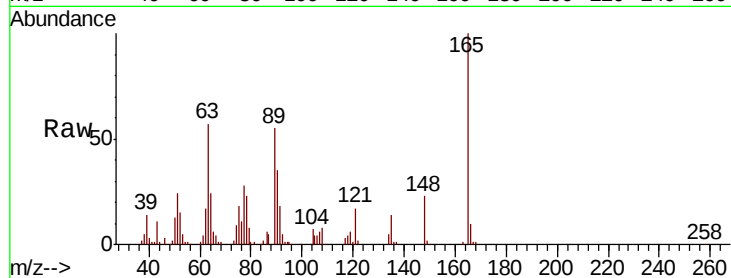
#51
2,6-Dinitrotoluene
Concen: 46.962 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	47.1	70.7
89	54.8	43.7	65.5

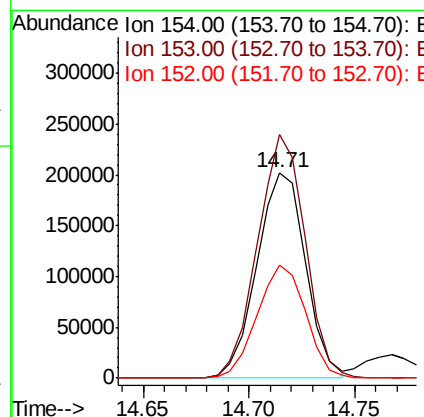
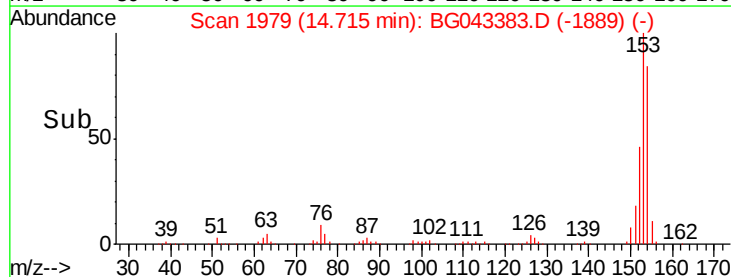
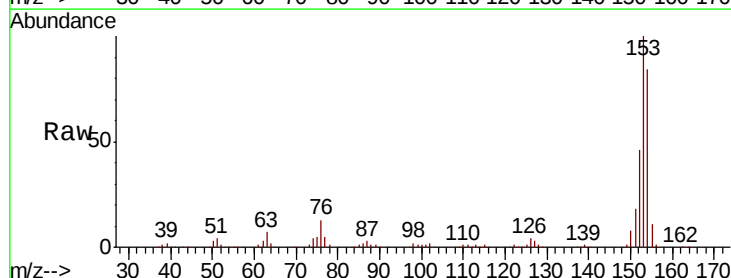
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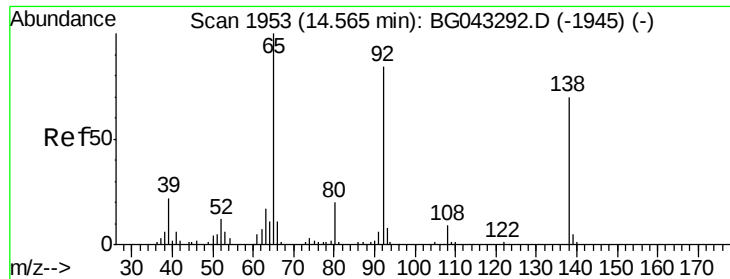
mohammad
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#52
Acenaphthene
Concen: 47.795 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.5	90.9	136.3
152	55.0	43.9	65.9





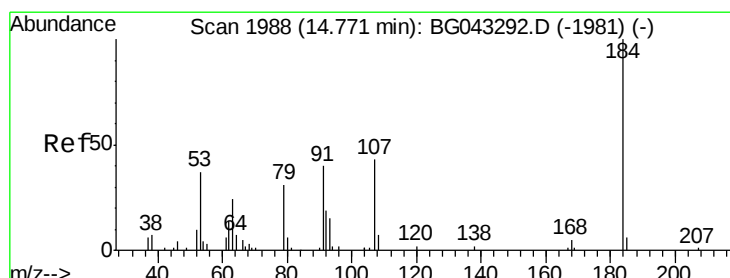
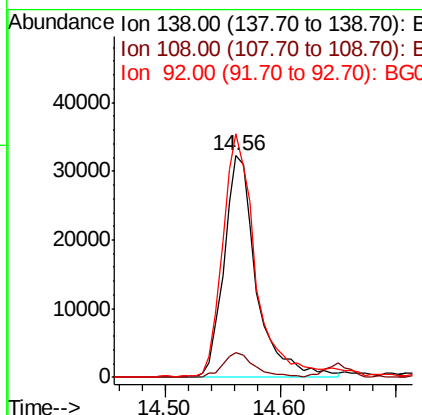
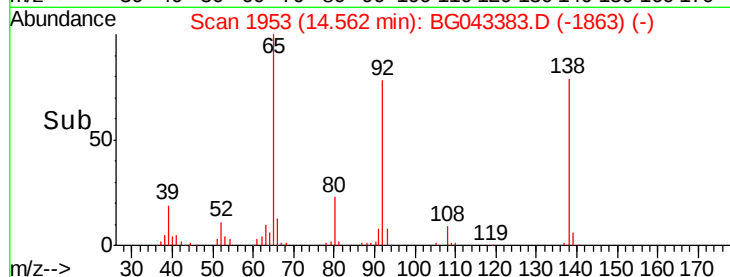
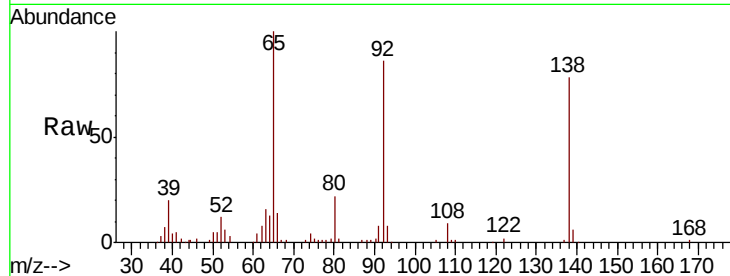
#53
3-Nitroaniline
Concen: 31.175 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.8	14.6
92	109.9	95.8	143.6

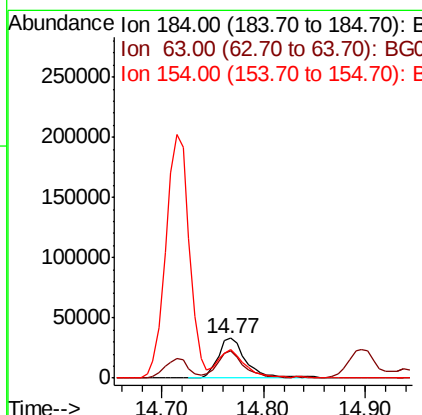
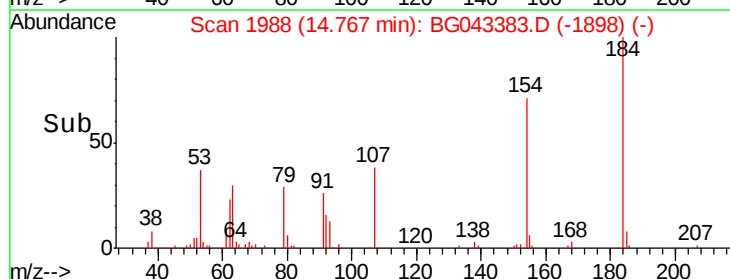
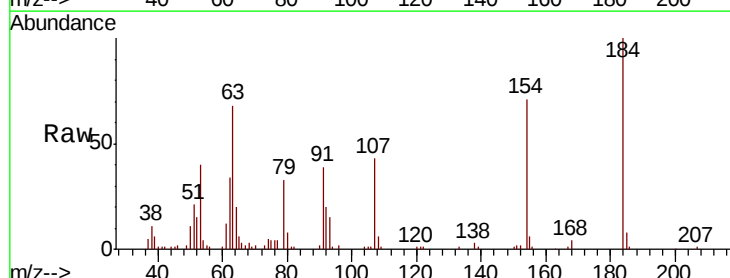
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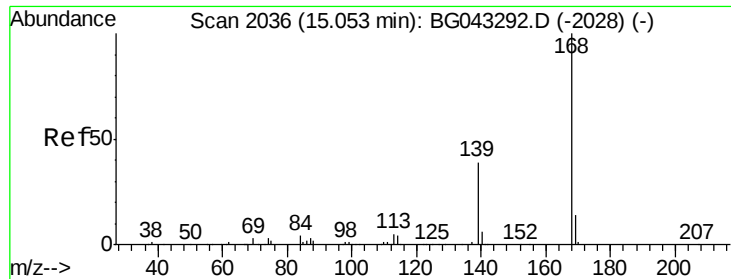
mohammad
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#54
2,4-Dinitrophenol
Concen: 52.809 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	48.8	73.2
154	70.6	49.4	74.0





#55

Dibenzenofuran

Concen: 48.173 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

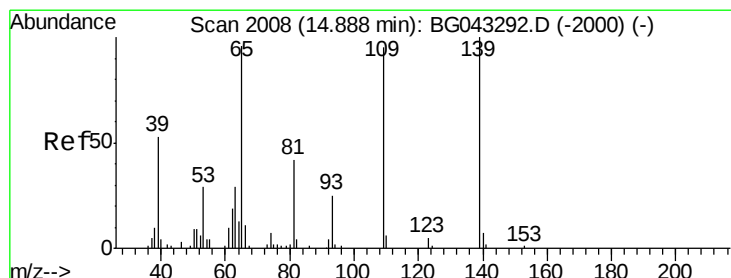
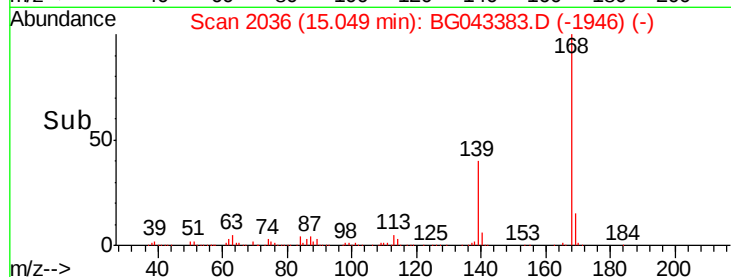
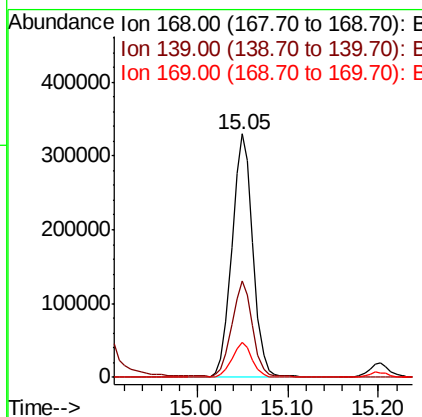
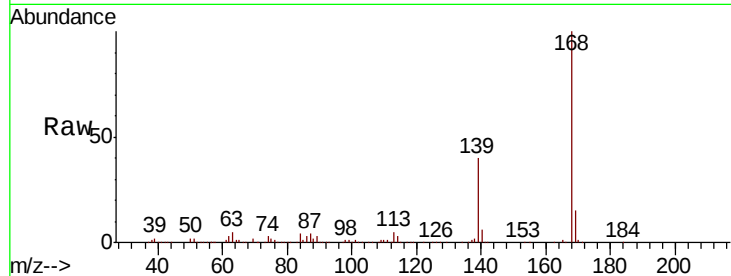
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	168	Resp:	529482
Ion Ratio	Lower	Upper	
168	100		
139	39.8	31.7	47.5
169	14.5	11.0	16.4

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#56

4-Nitrophenol

Concen: 107.488 ng

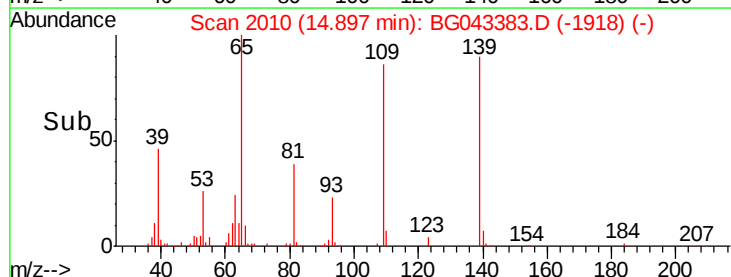
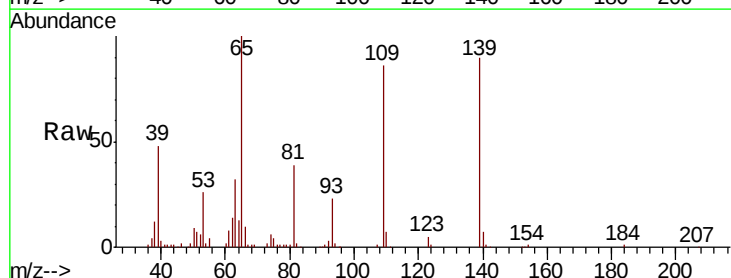
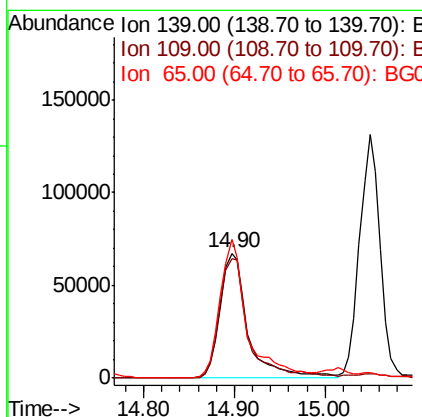
RT: 14.90 min Scan# 2010

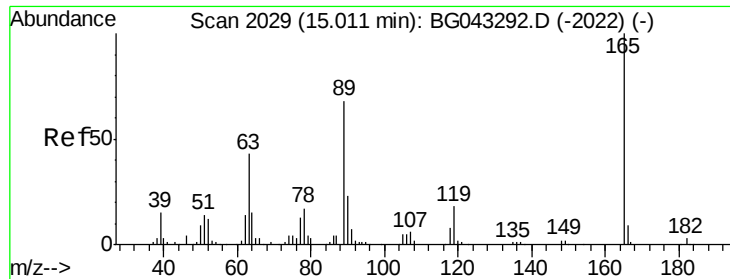
Delta R.T. 0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	139	Resp:	144376
Ion Ratio	Lower	Upper	
139	100		
109	95.7	75.4	115.4
65	110.9	76.6	116.6





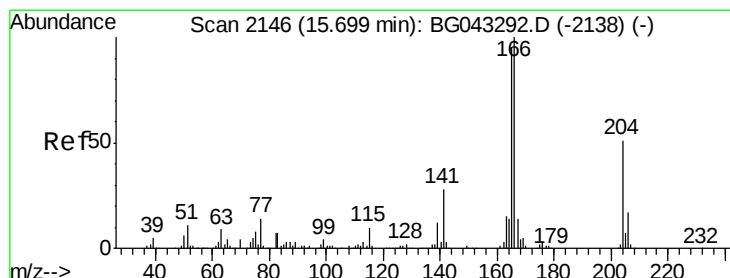
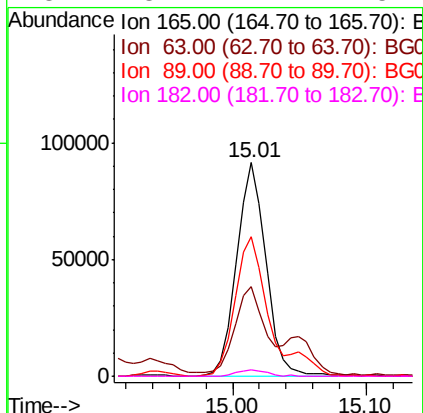
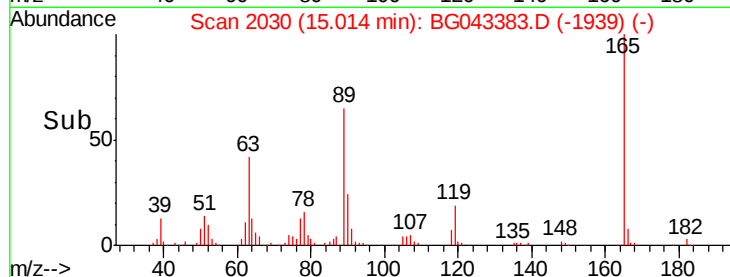
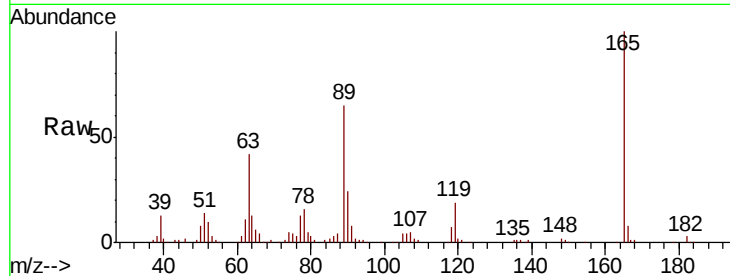
#57
2,4-Dinitrotoluene
Concen: 46.839 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.1	35.0	52.6	
89	65.3	54.1	81.1	
182	3.2	2.2	3.2	

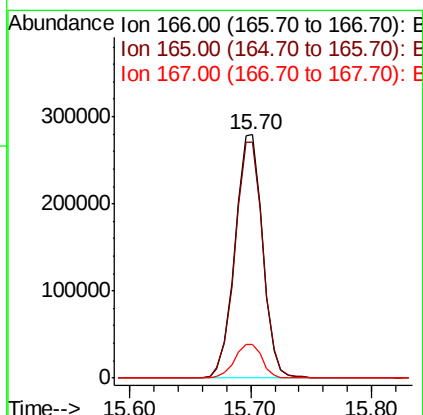
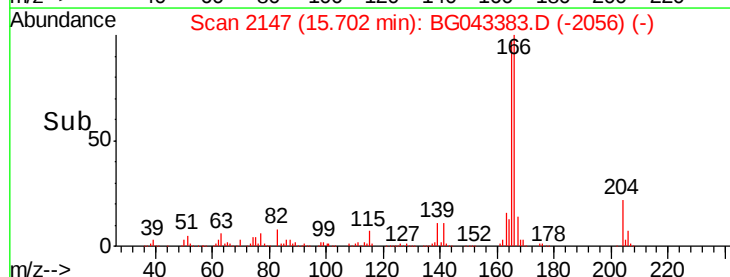
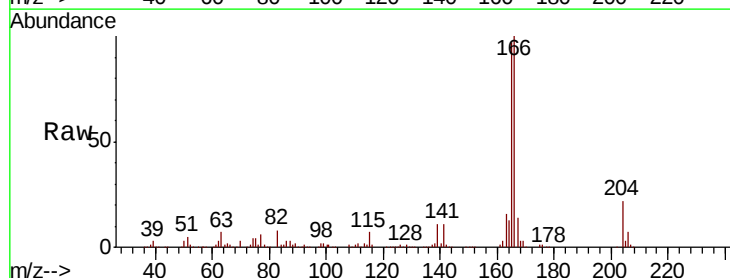
Manual Integrations
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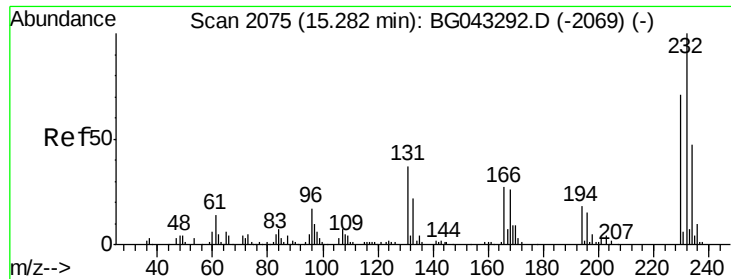
mohammad
10/30/2019 4:54:37 PM



#58
Fluorene
Concen: 48.486 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.7	76.4	114.6	
167	13.8	11.1	16.7	





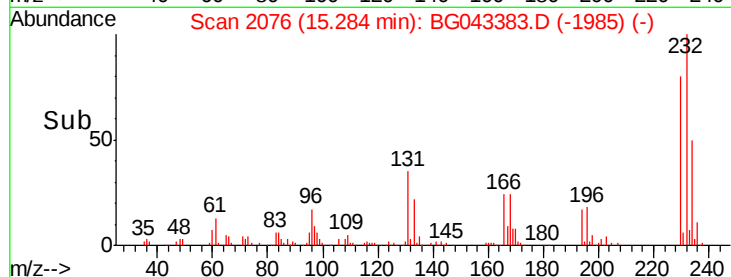
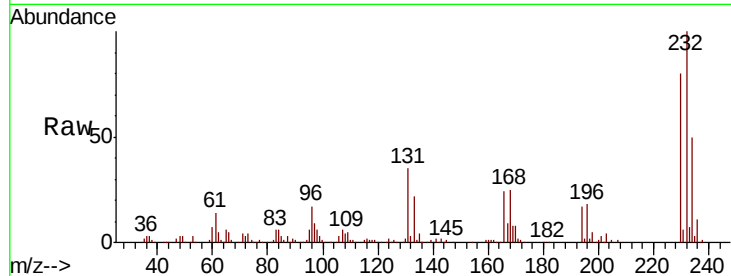
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.481 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

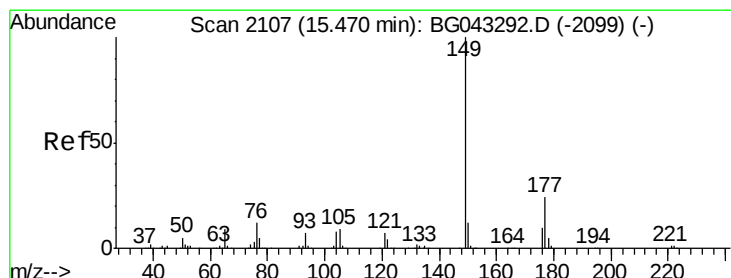
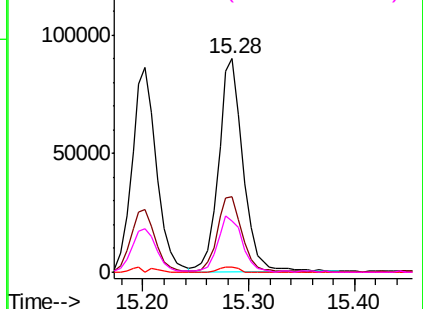
Tot Ion	Ratio	Lower	Upper
232	100		
131	36.3	28.7	43.1
130	2.1	0.6	0.8
166	26.6	21.1	31.7

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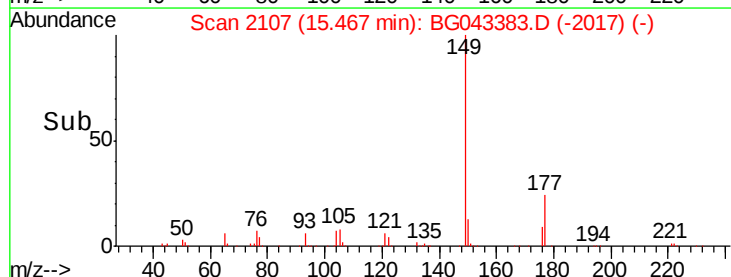
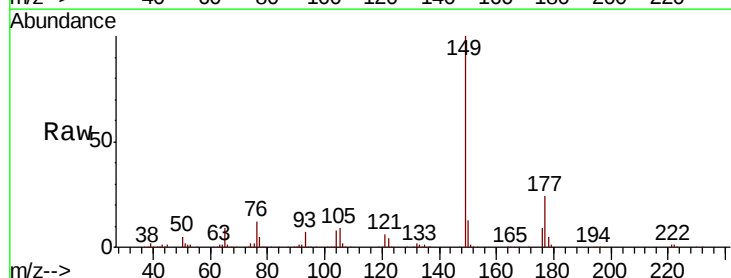


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

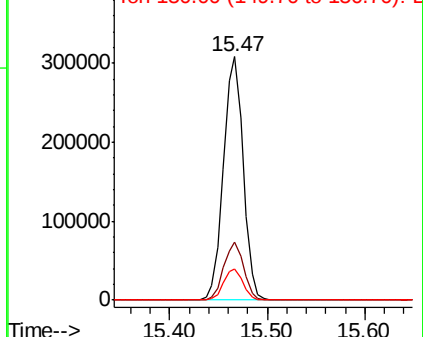


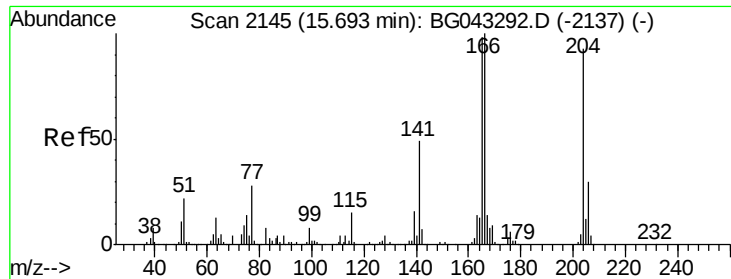
#60
Diethylphthalate
Concen: 45.124 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	12.9	9.4	14.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





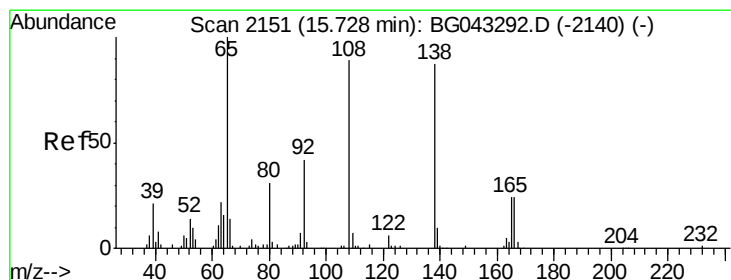
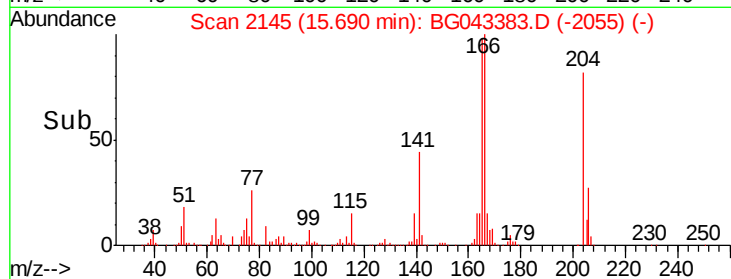
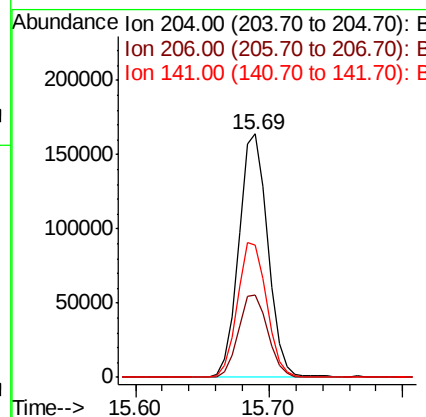
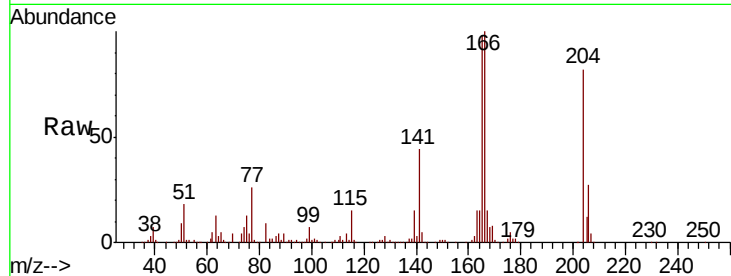
#61
4-Chlorophenyl-phenylether
Concen: 45.812 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.7	38.5
141	54.4	42.3	63.5

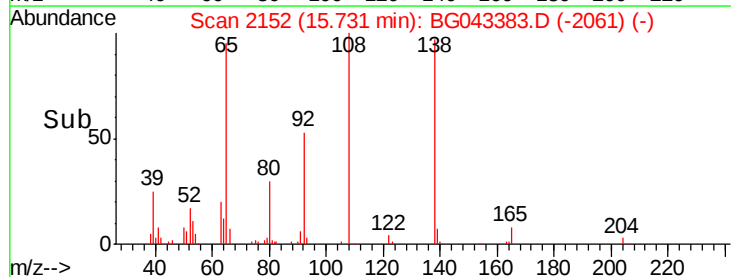
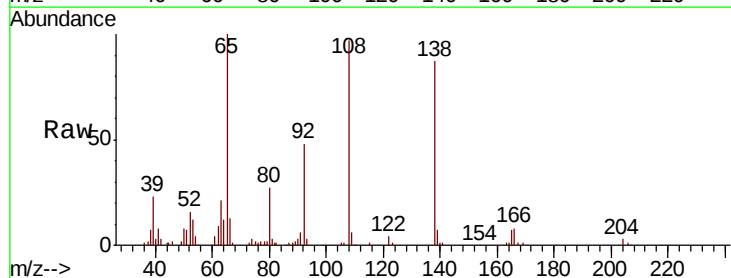
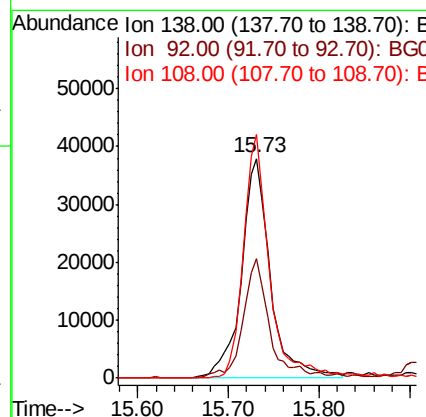
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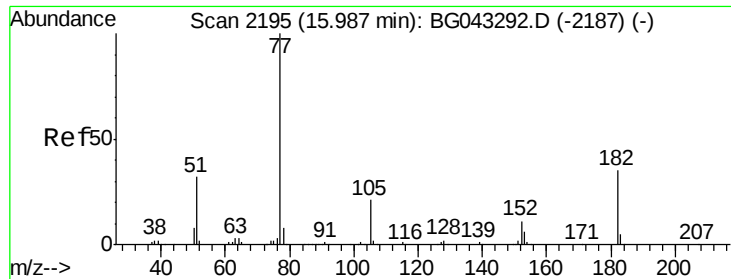
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#62
4-Nitroaniline
Concen: 40.863 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	28.8	68.8
108	110.7	82.7	122.7





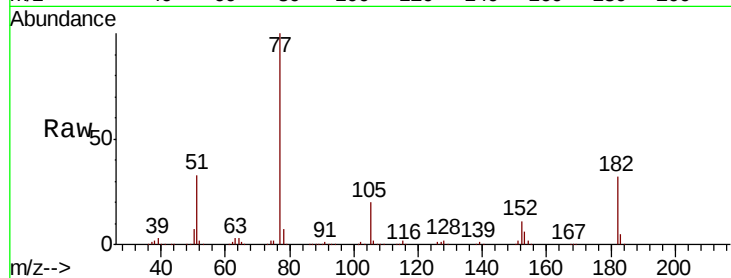
#63
Azobenzene
Concen: 47.258 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

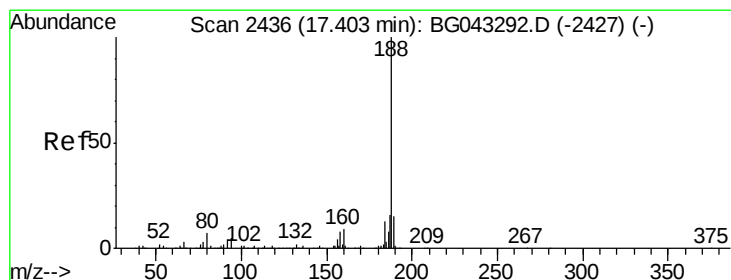
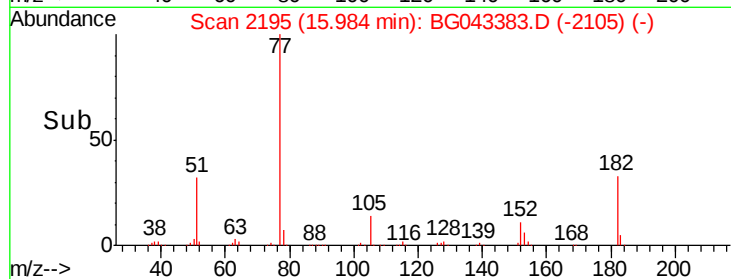
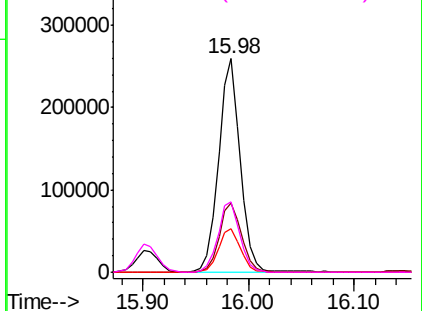
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.1	14.9	54.9
105	20.3	0.6	40.6
51	32.8	12.5	52.5

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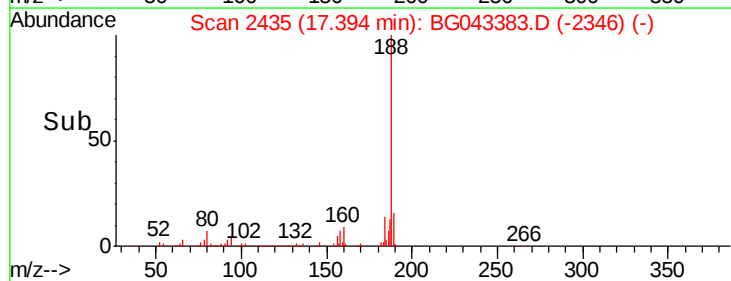
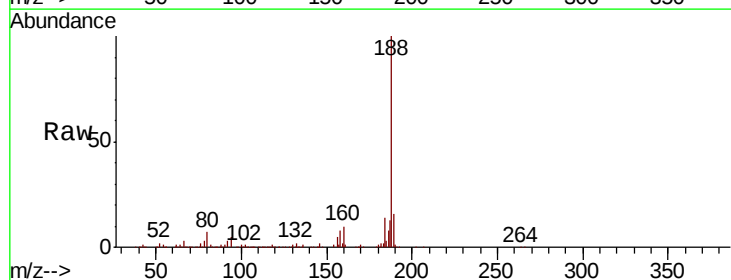
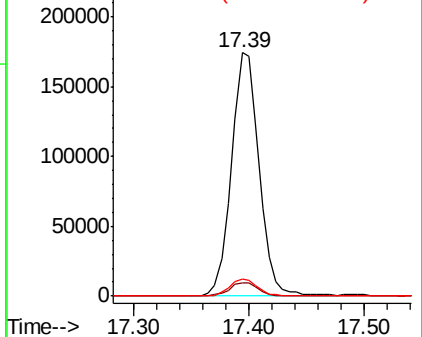
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

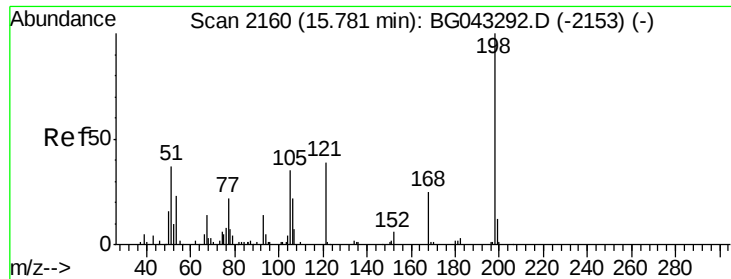


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	6.9	5.2	7.8

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.586 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:198 Resp: 62169

Ion Ratio Lower Upper

198 100

51 37.7 21.4 61.4

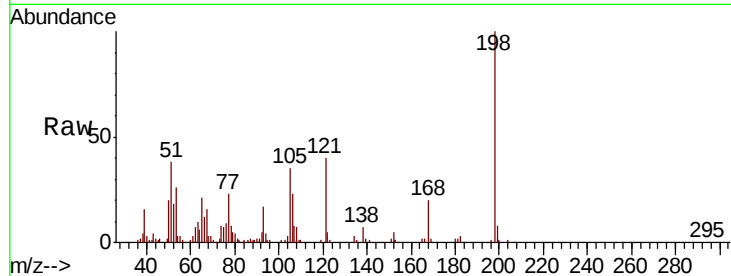
105 34.8 16.5 56.5

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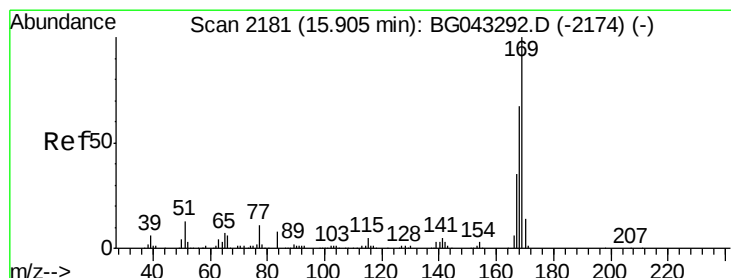
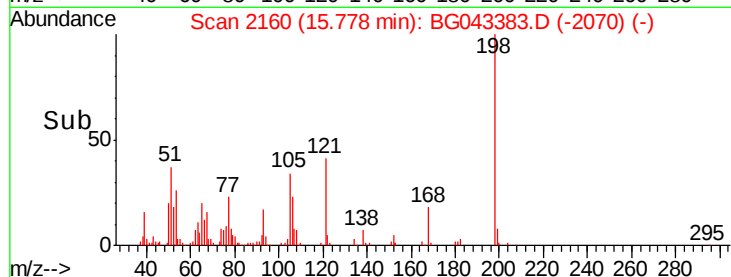
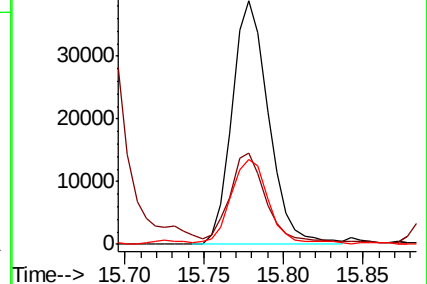
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.861 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

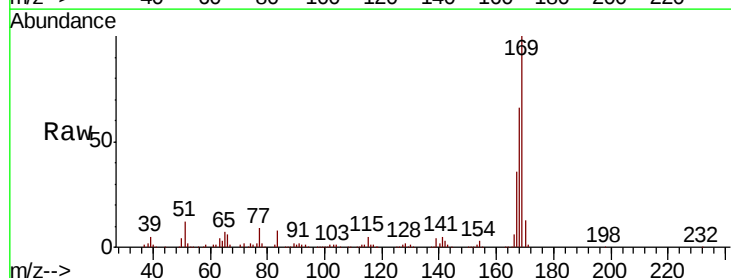
Tgt Ion:169 Resp: 390163

Ion Ratio Lower Upper

169 100

168 65.5 53.9 80.9

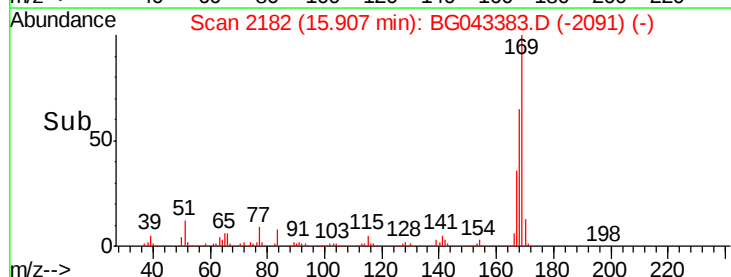
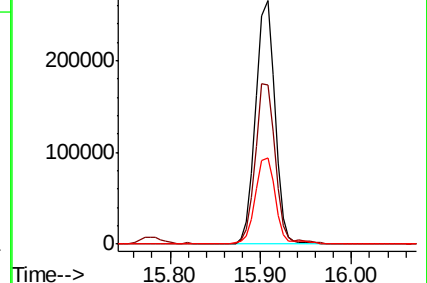
167 35.6 28.3 42.5

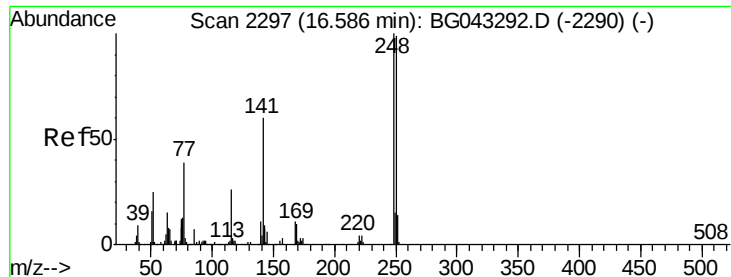


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





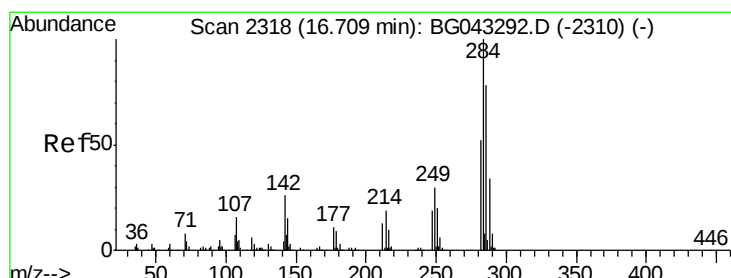
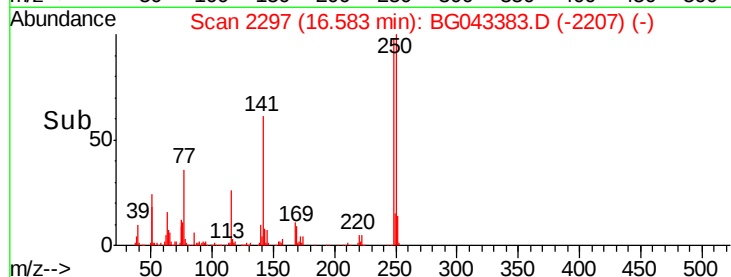
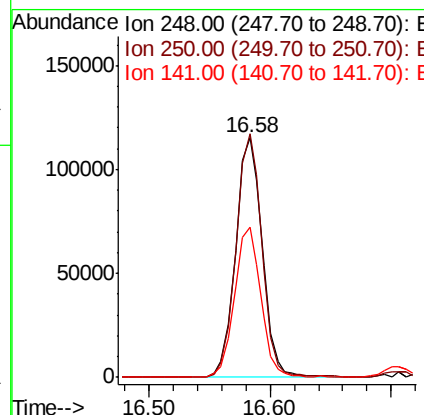
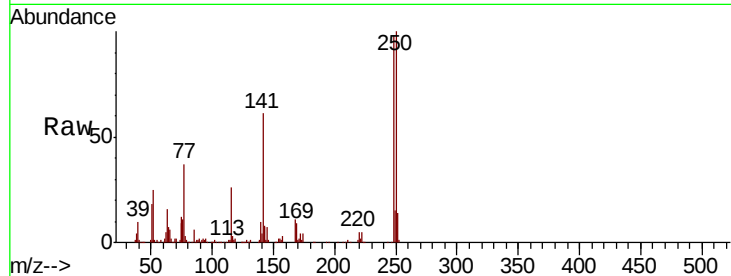
#67
4-Bromophenyl-phenylether
Concen: 45.577 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.7	79.3	118.9
141	62.6	47.9	71.9

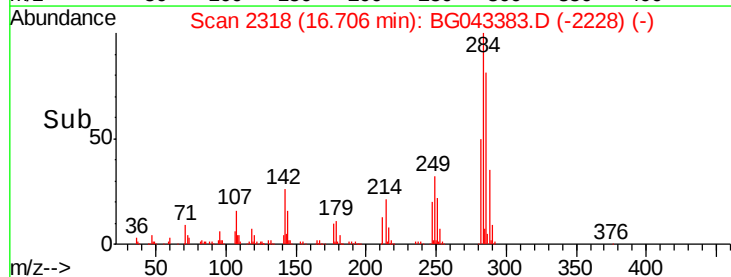
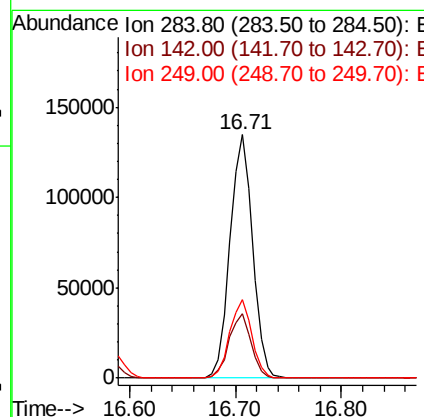
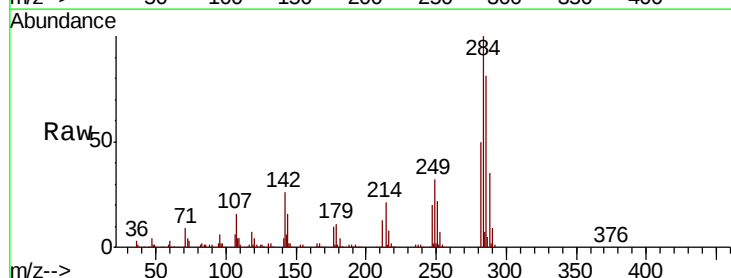
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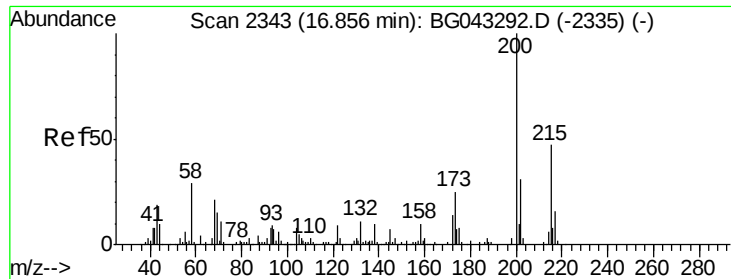
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#68
Hexachlorobenzene
Concen: 44.501 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	21.1	31.7
249	32.1	24.4	36.6





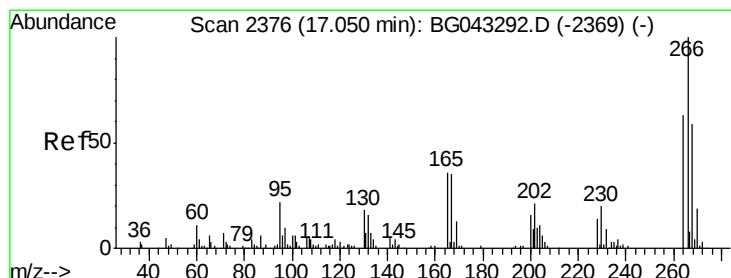
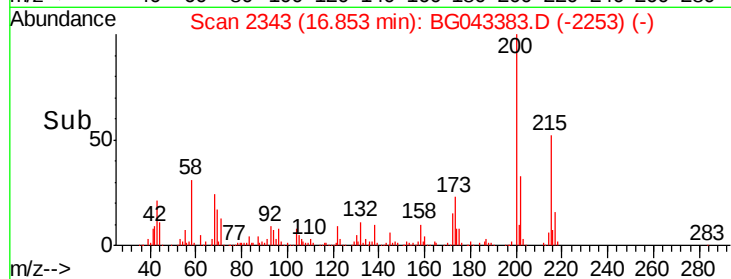
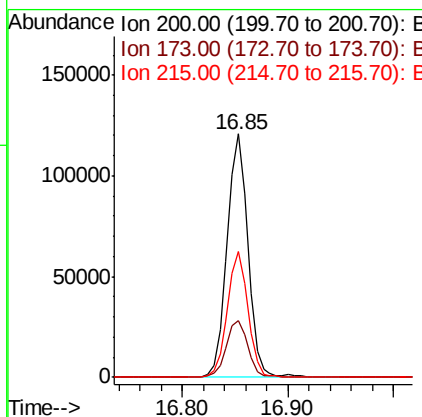
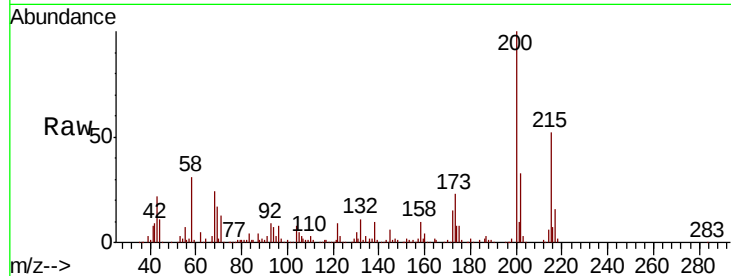
#69
Atrazine
Concen: 58.298 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.1	45.1
215	51.7	26.6	66.6

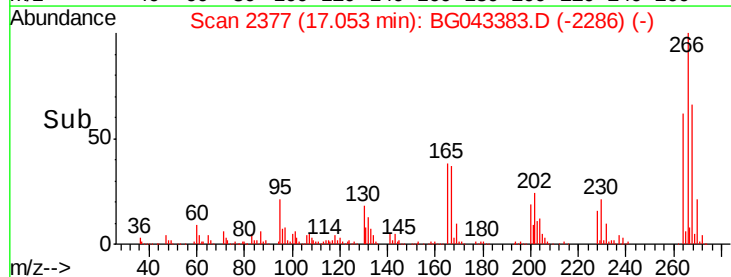
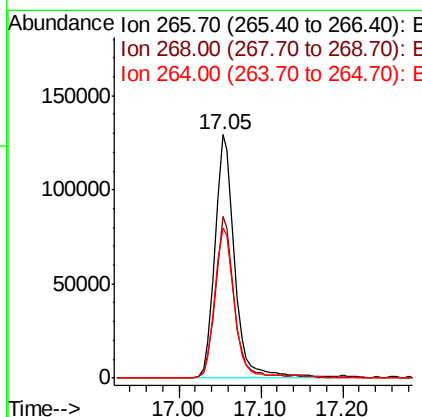
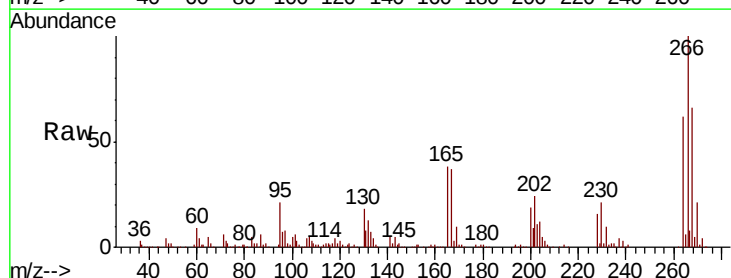
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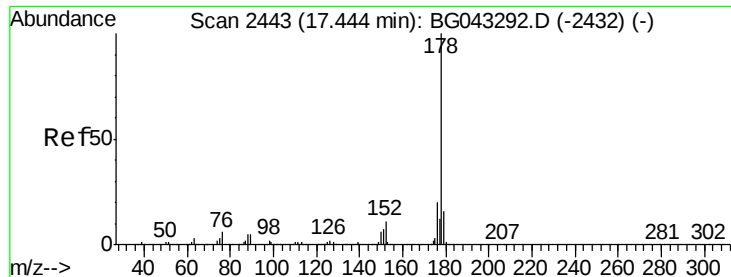
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#70
Pentachlorophenol
Concen: 107.296 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	47.1	70.7
264	61.5	50.4	75.6





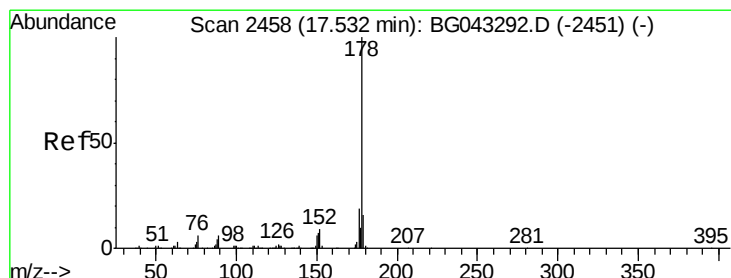
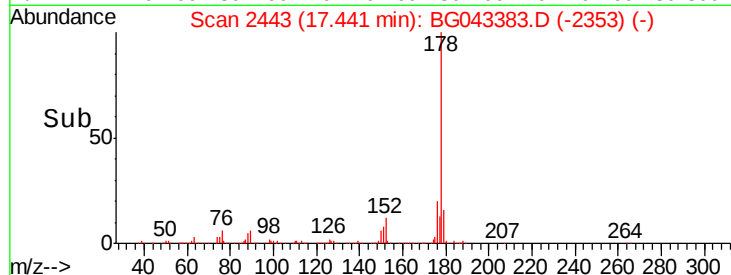
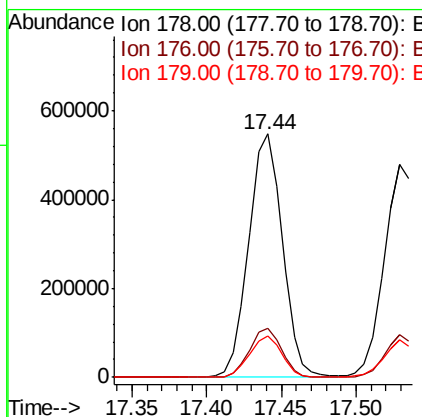
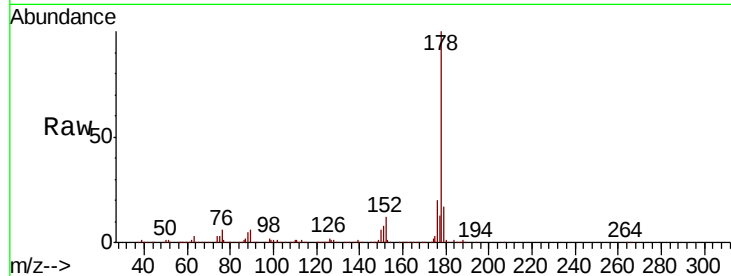
#71
Phenanthrene
Concen: 57.905 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		856180		
176	20.3	15.8		23.8	
179	17.1	13.1		19.7	

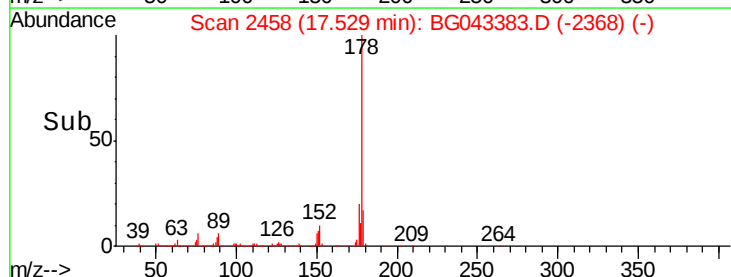
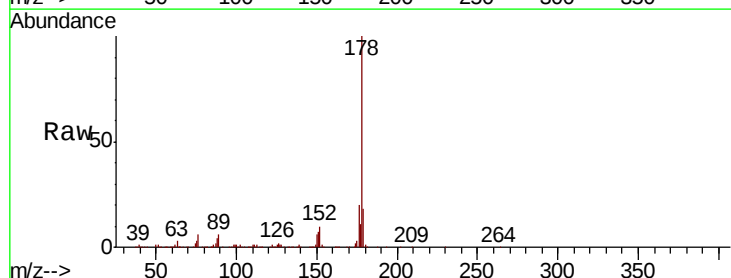
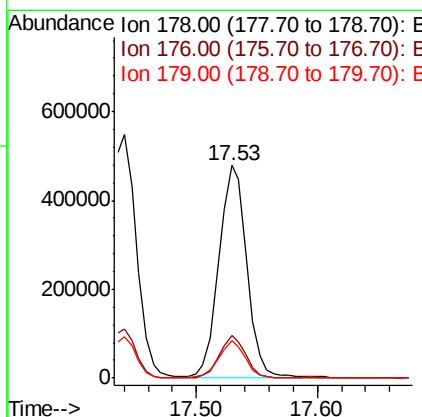
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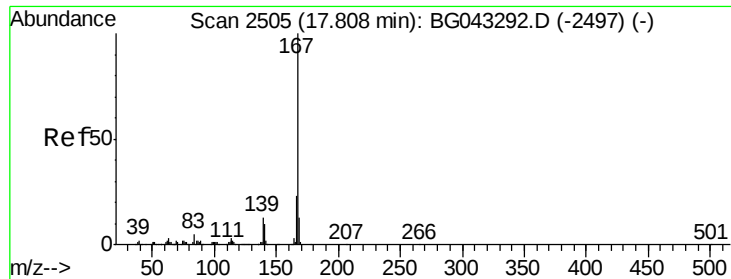
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#72
Anthracene
Concen: 51.362 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		759821		
176	19.9	15.1		22.7	
179	17.6	13.0		19.6	





#73

Carbazole

Concen: 48.884 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

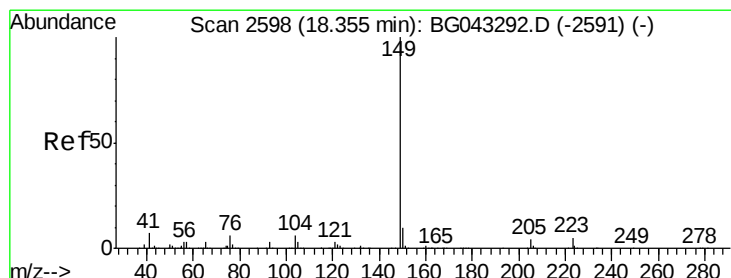
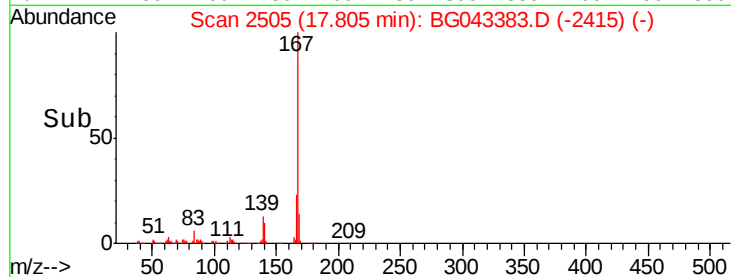
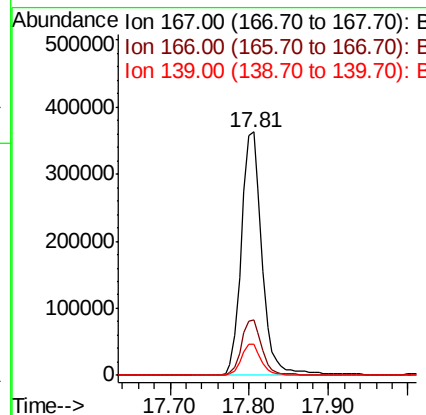
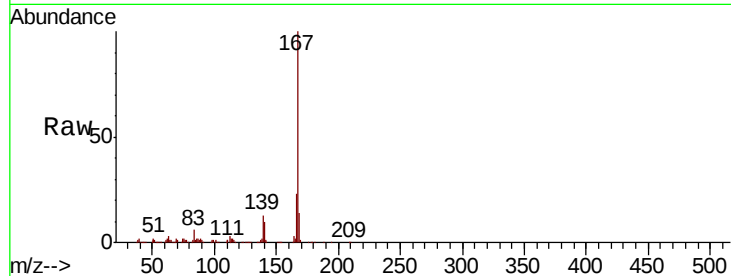
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	167	Resp:	654878
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.4	27.6
139	12.6	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 46.385 ng

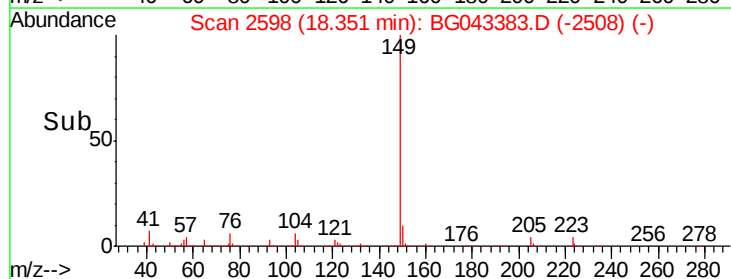
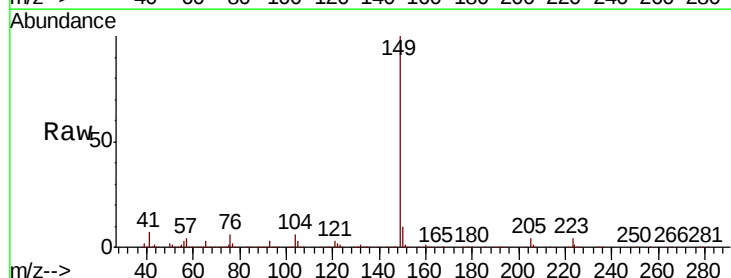
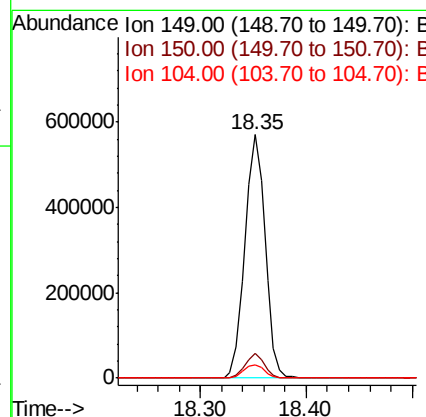
RT: 18.35 min Scan# 2598

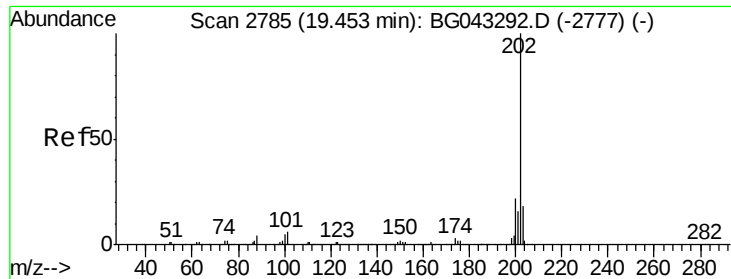
Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	149	Resp:	753978
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 58.677 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

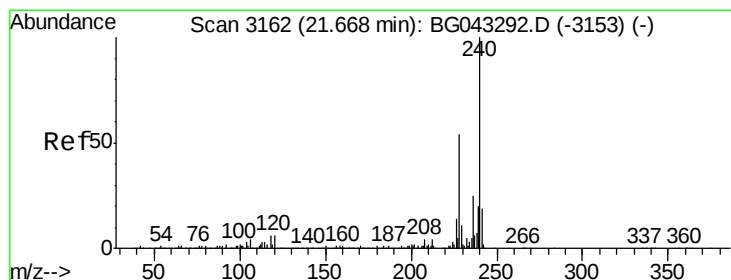
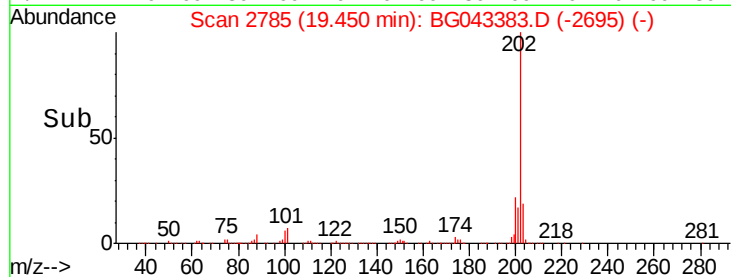
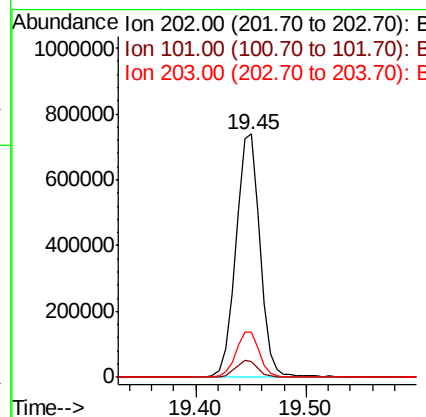
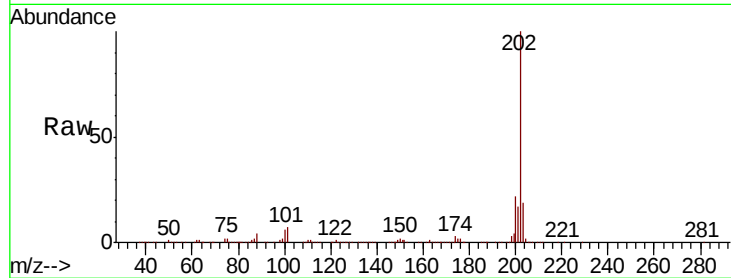
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:202	Resp: 1131072
Ion Ratio	Lower Upper
202 100	
101 6.6	0.0 26.0
203 18.8	0.0 38.2

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#76

Chrysene-d12

Concen: 20.000 ng

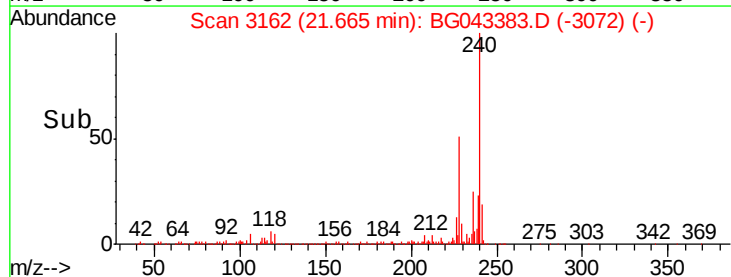
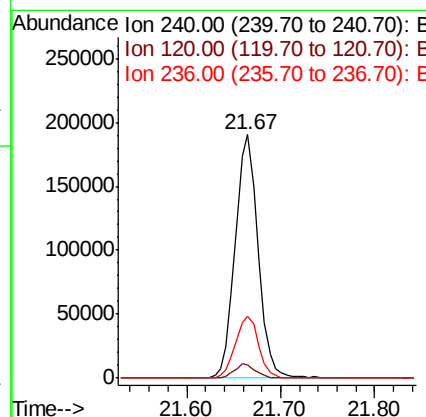
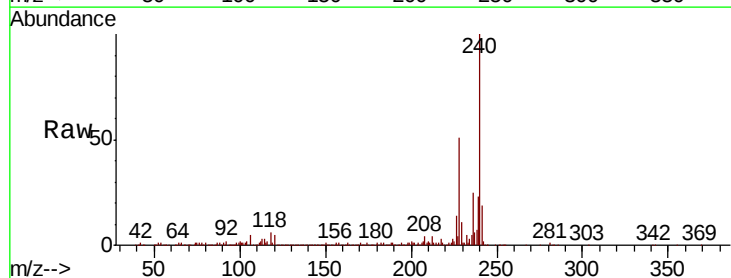
RT: 21.67 min Scan# 3162

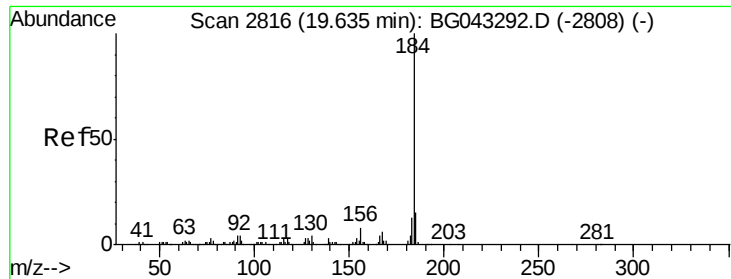
Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:240	Resp: 321571
Ion Ratio	Lower Upper
240 100	
120 5.5	4.6 7.0
236 25.2	20.2 30.4





#77

Benzidine

Concen: 57.563 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

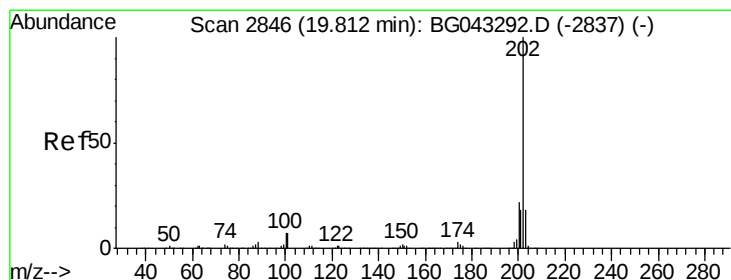
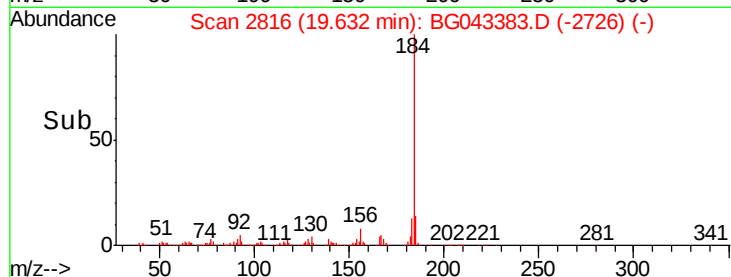
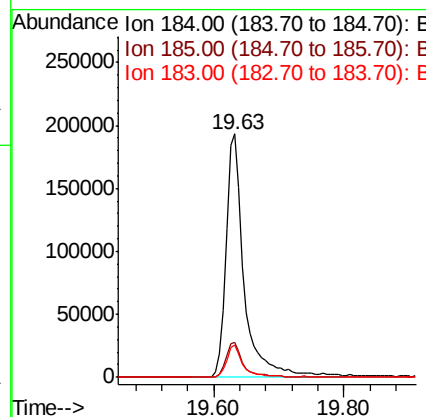
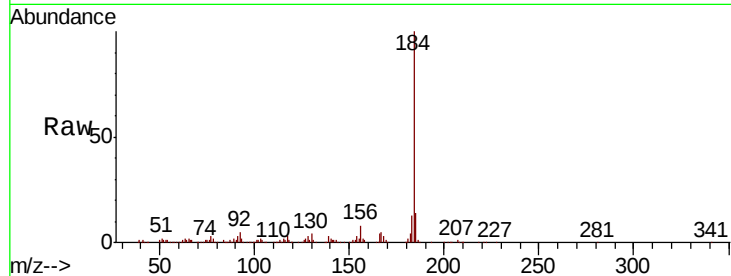
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	184	Resp:	372530
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.6
183	13.1	10.6	16.0

Manual Integrations
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#78

Pyrene

Concen: 55.472 ng

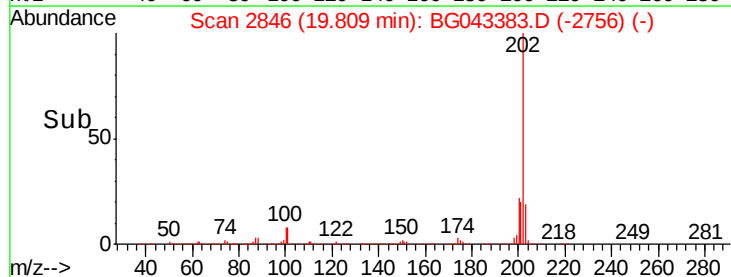
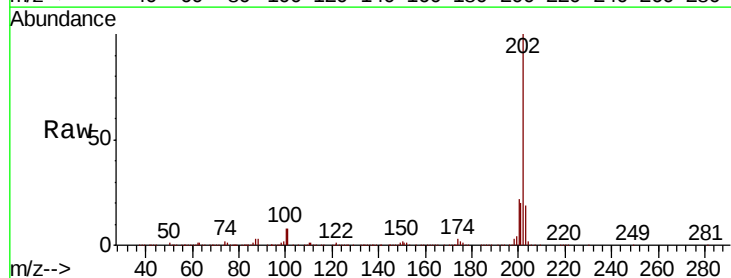
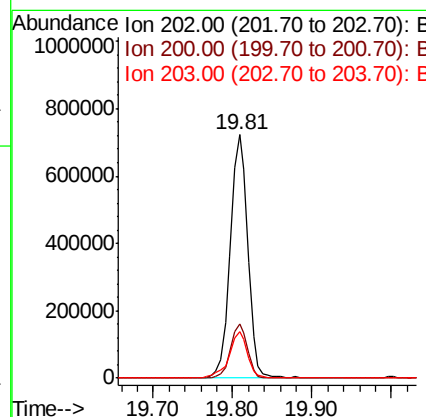
RT: 19.81 min Scan# 2846

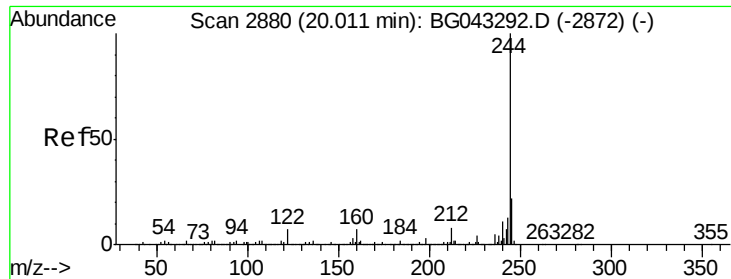
Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	202	Resp:	1104162
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.3	25.9
203	19.1	14.5	21.7





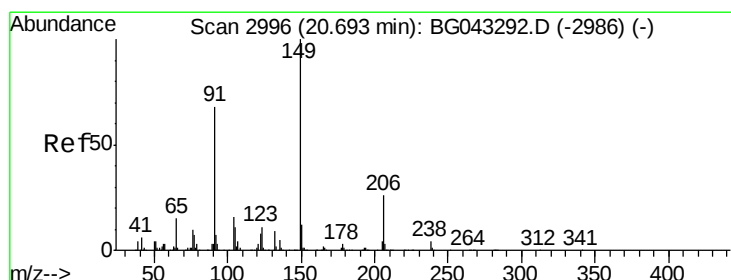
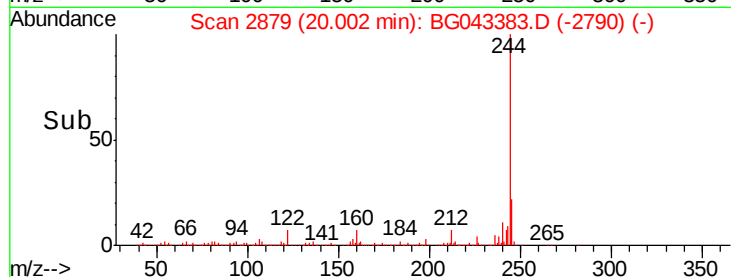
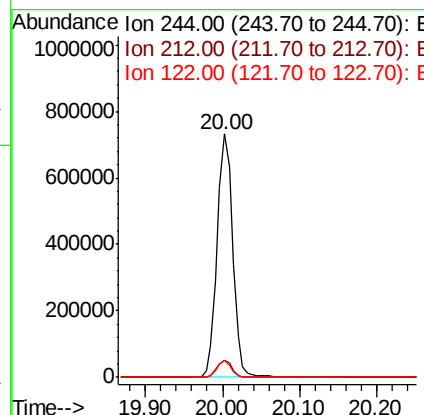
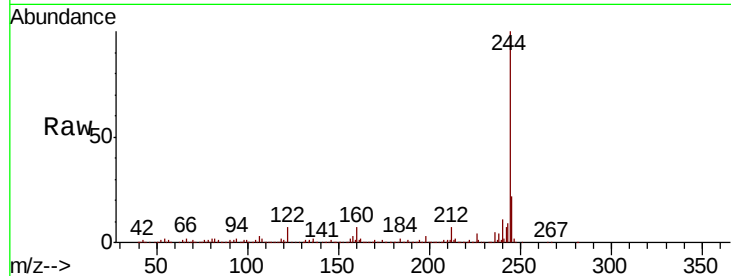
#79
 Terphenyl-d14
 Concen: 59.566 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.9	5.3	7.9

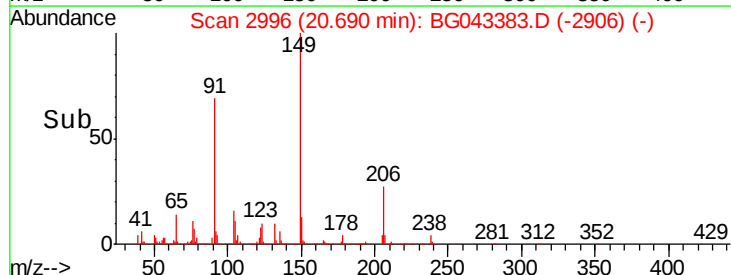
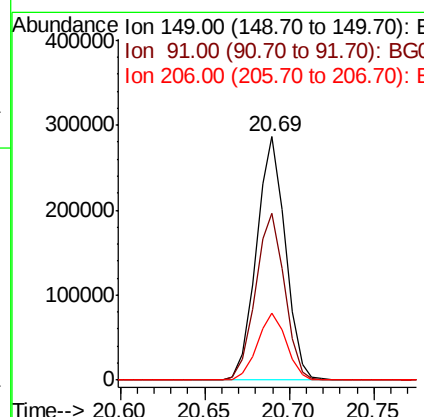
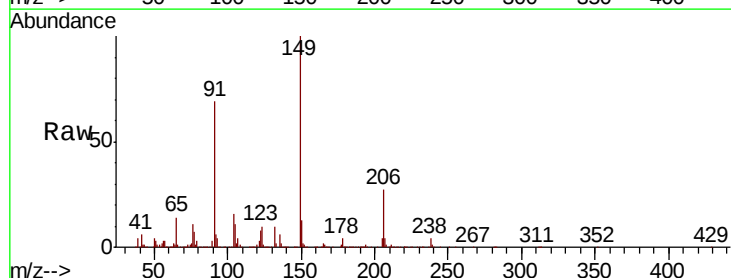
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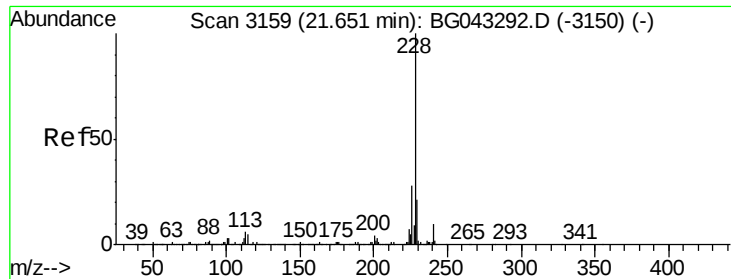
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#80
 Butylbenzylphthalate
 Concen: 45.366 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	54.6	82.0
206	27.3	20.5	30.7





#81

Benzo(a)anthracene

Concen: 52.435 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

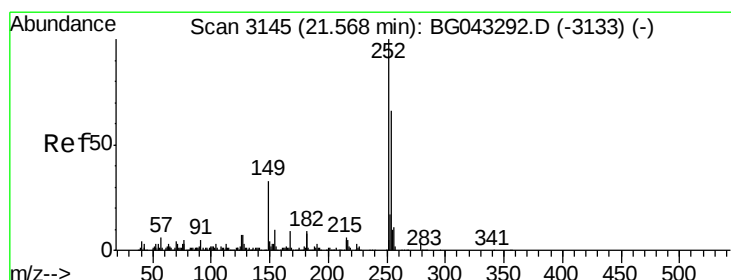
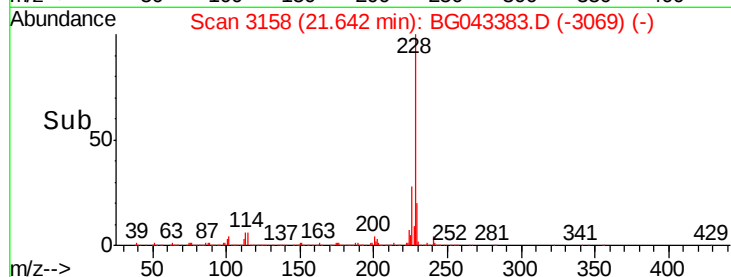
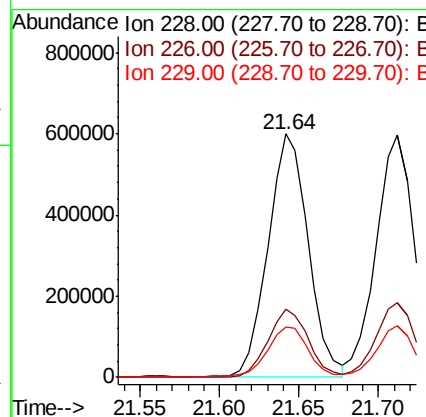
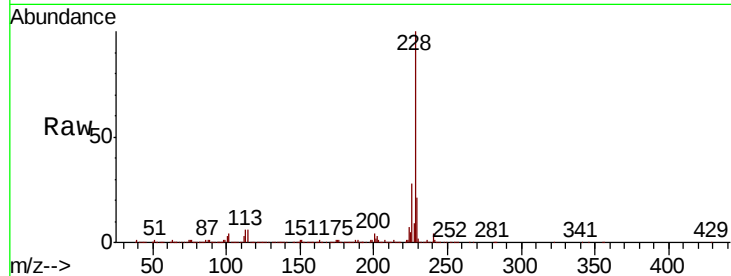
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	228	Resp:	1056190
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.5	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 39.941 ng

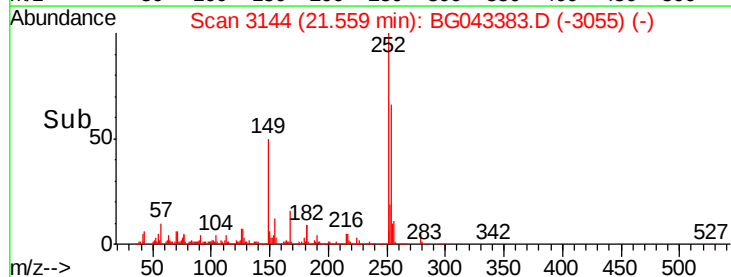
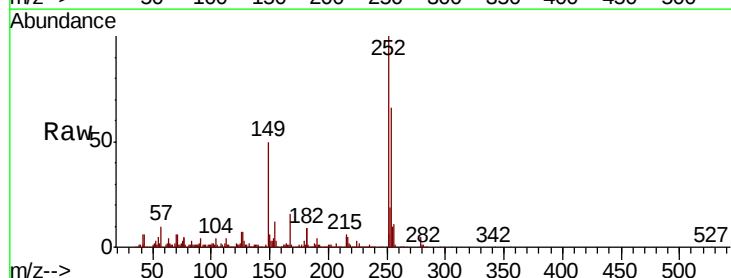
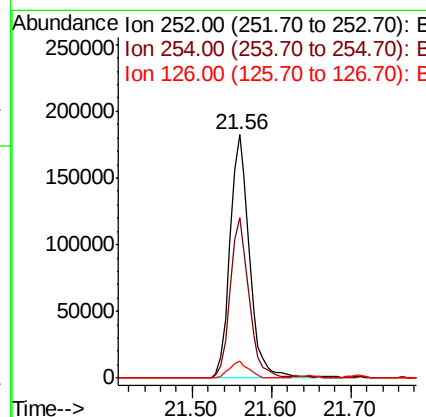
RT: 21.56 min Scan# 3144

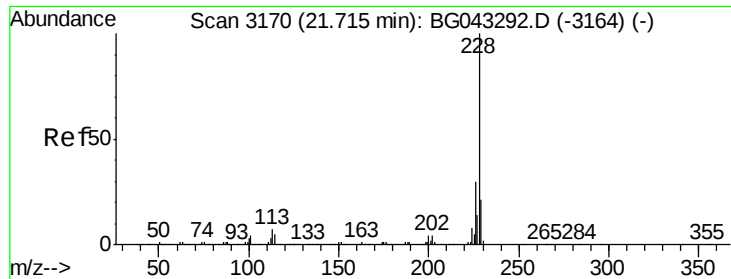
Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	252	Resp:	311179
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.7	79.1
126	7.2	5.6	8.4





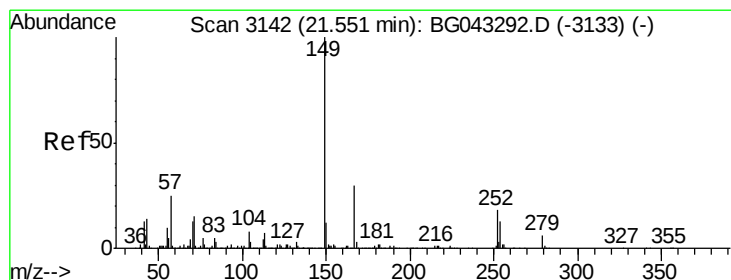
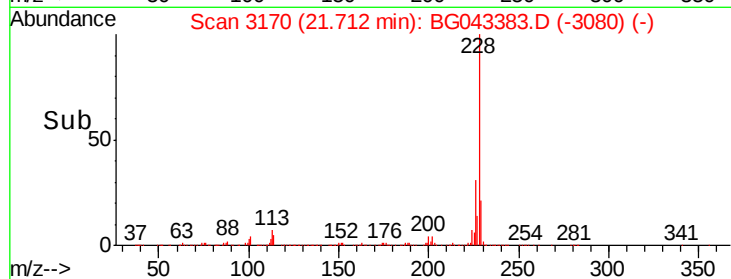
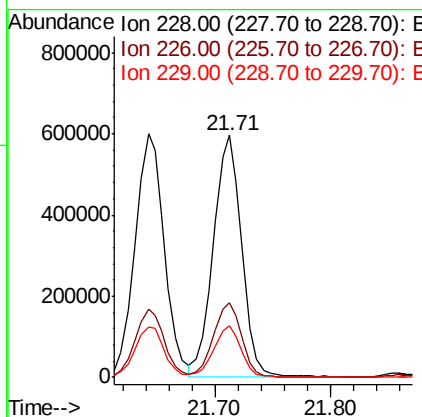
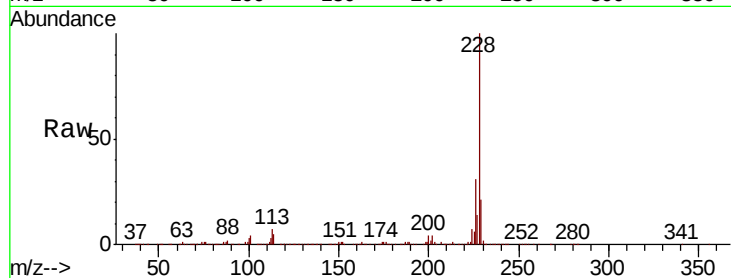
#83
 Chrvsene
 Concen: 50.536 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Instrument :
 BNA_G
 ClientSampleId :
 17-20-(0-2.5)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.8
229	21.2	16.3	24.5

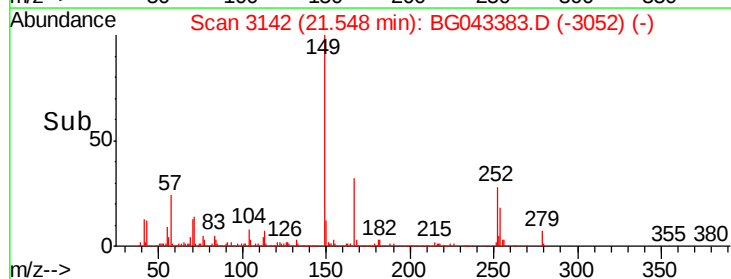
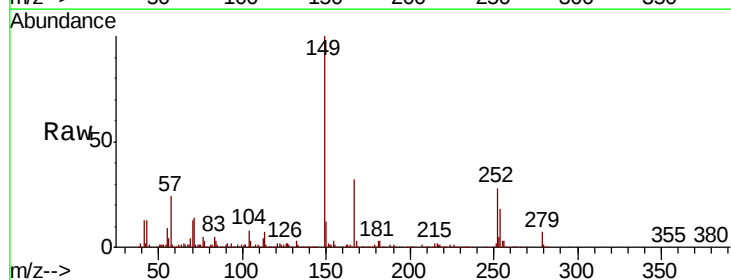
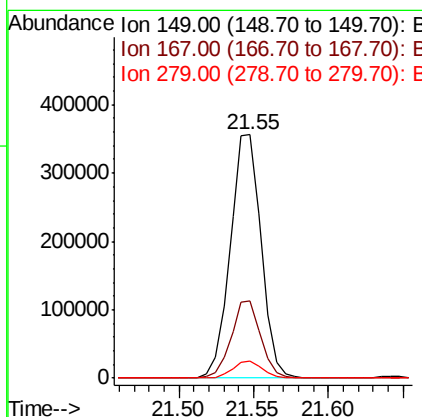
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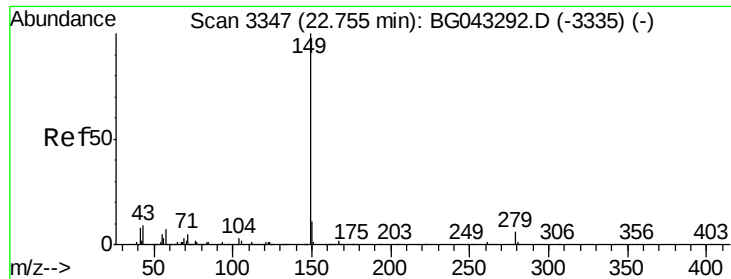
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.900 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043383.D
 Acq: 29 Oct 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	23.9	35.9
279	6.8	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 48.029 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

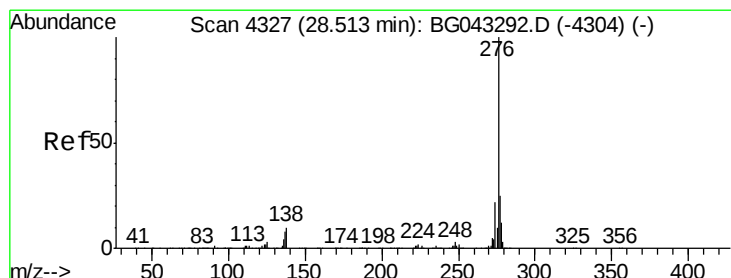
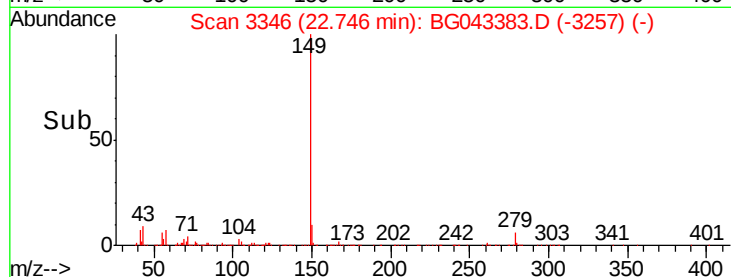
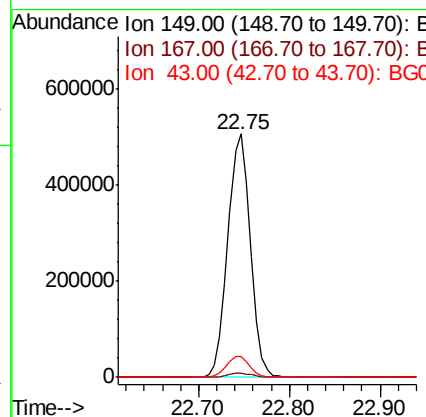
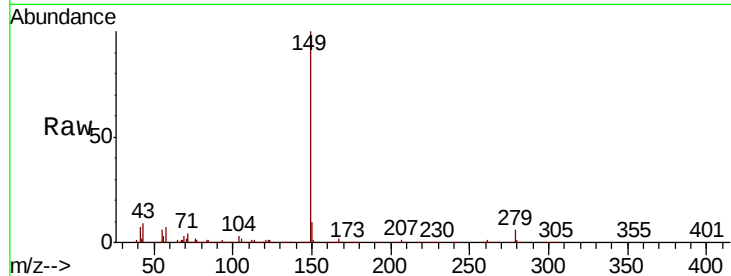
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		872885		
167	1.7	1.4	2.0		
43	8.7	6.9	10.3		

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 51.656 ng

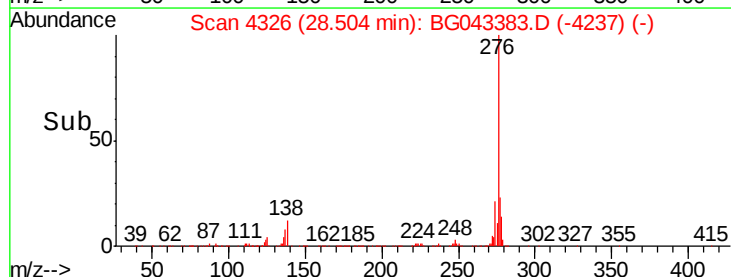
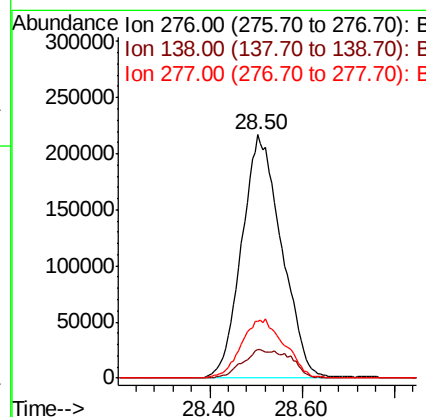
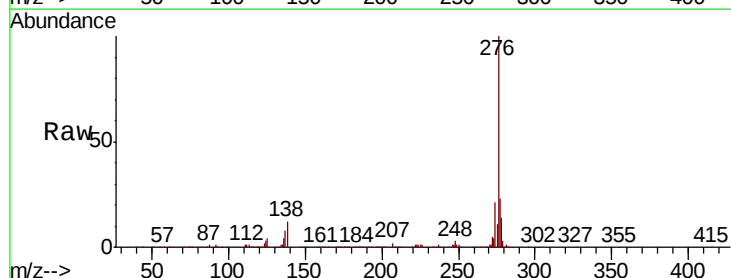
RT: 28.50 min Scan# 4326

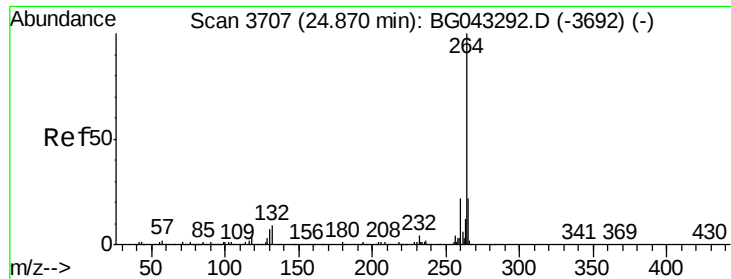
Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		1297718		
138	7.6	7.2	10.8		
277	25.9	20.9	31.3		





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

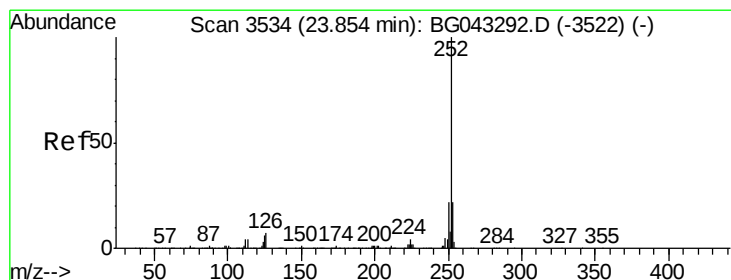
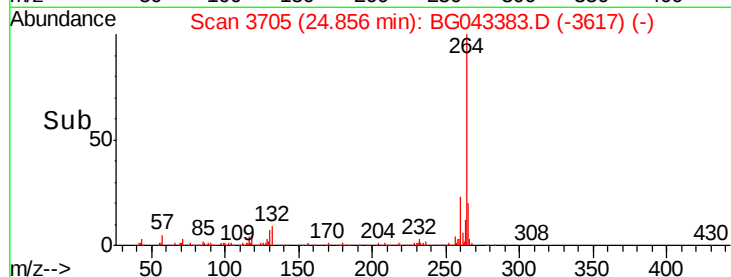
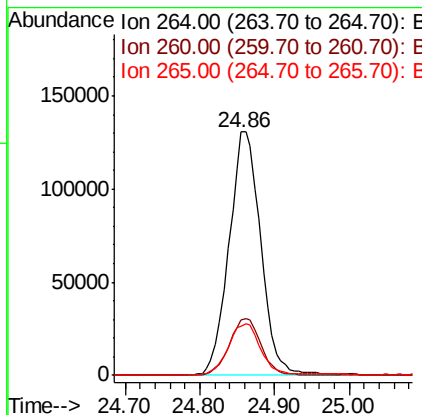
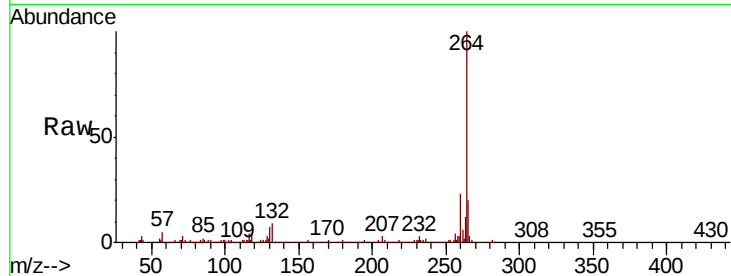
ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:	264	Resp:	386012
Ion Ratio		Lower	Upper
264	100		
260	23.0	17.9	26.9
265	20.3	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 51.353 ng

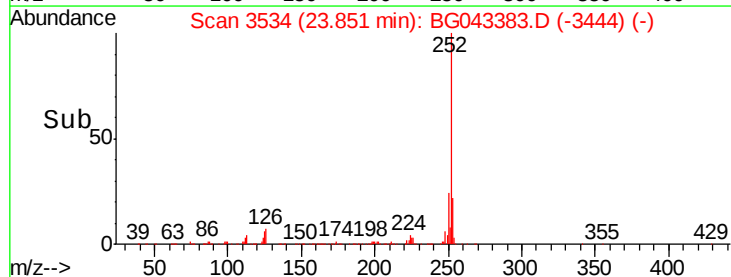
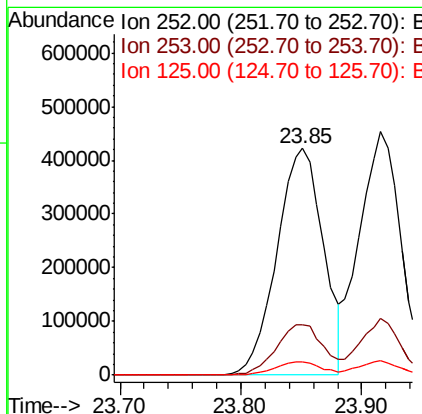
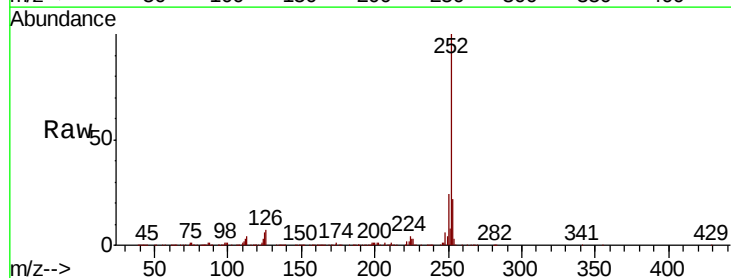
RT: 23.85 min Scan# 3534

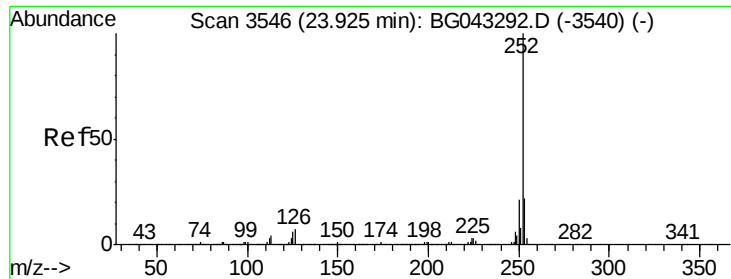
Delta R.T. -0.00 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Tgt Ion:	252	Resp:	1122694
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.4	26.2
125	5.8	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 49.438 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

Instrument :

BNA_G

ClientSampleId :

17-20-(0-2.5)MS

Tot Ion:252 Resp: 1088095

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

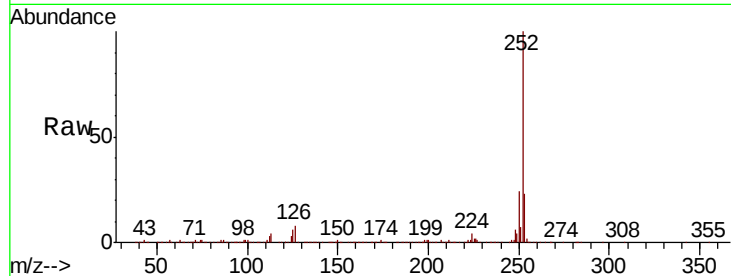
125 5.8 4.5 6.7

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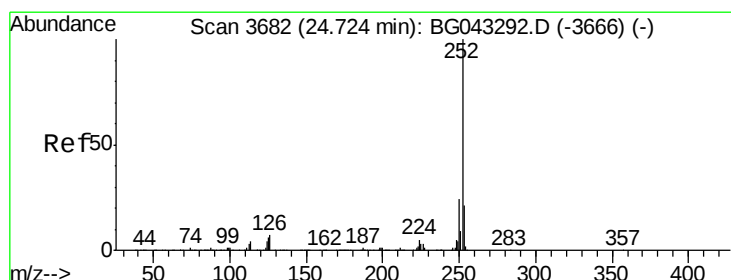
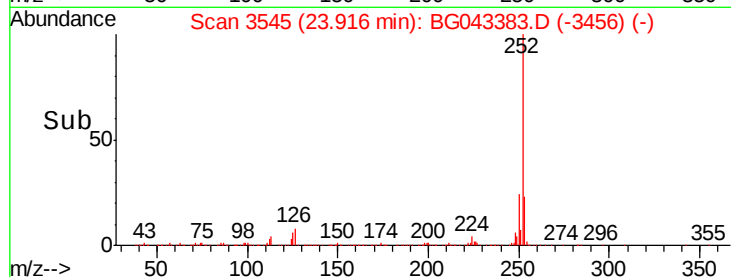
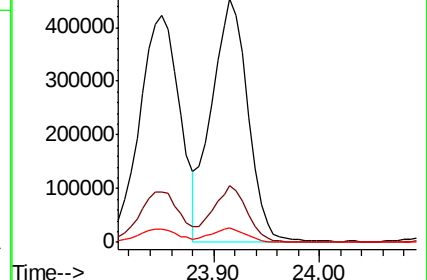
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.680 ng

RT: 24.71 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043383.D

Acq: 29 Oct 2019 20:53

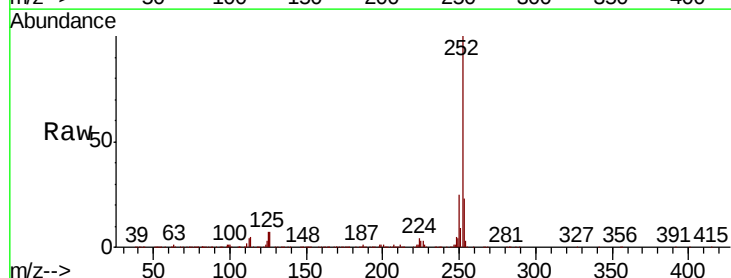
Tgt Ion:252 Resp: 1037166

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

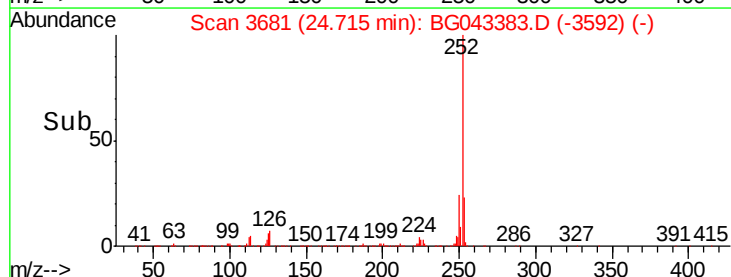
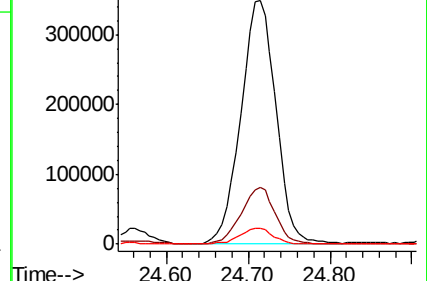
125 6.5 5.0 7.6

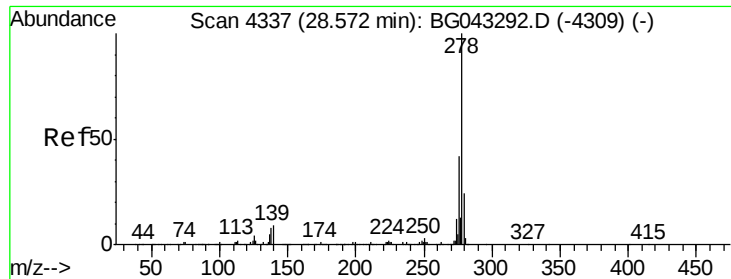


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





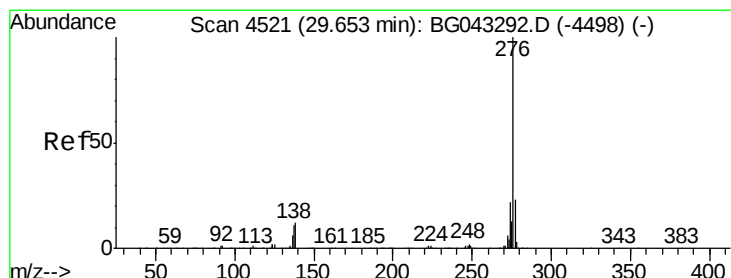
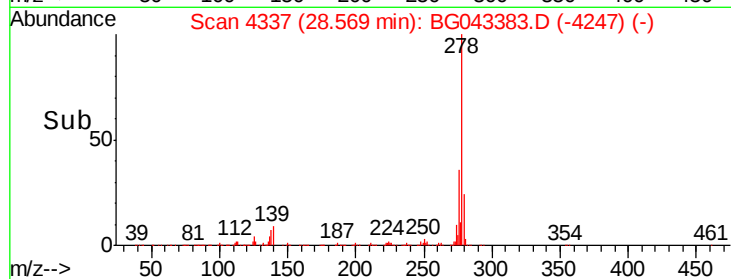
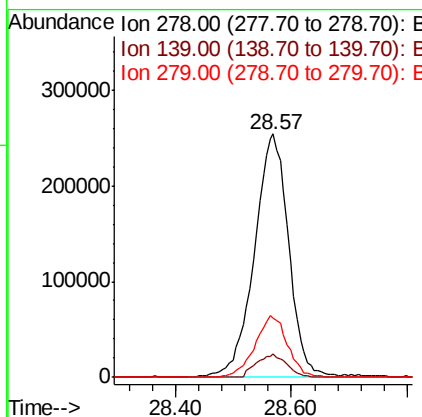
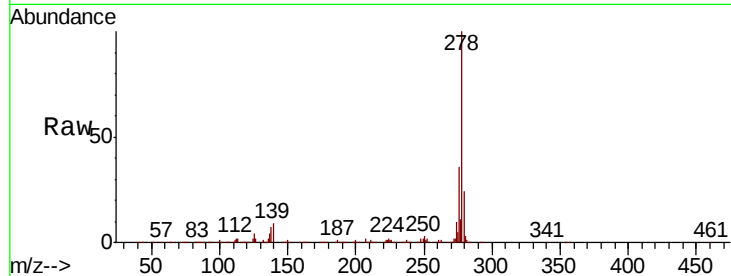
#91
Dibenzo(a,h)anthracene
Concen: 48.877 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	9.4	6.8	10.2	
279	24.4	19.0	28.6	

Manual Integrations
APPROVED

mohammad
10/30/2019 4:54:37 PM



#92
Benzo(g,h,i)perylene
Concen: 52.189 ng
RT: 29.65 min Scan# 4521
Delta R.T. -0.00 min
Lab File: BG043383.D
Acq: 29 Oct 2019 20:53

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.3	27.5	
138	12.1	9.3	13.9	

