

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101819\
 Data File : BG043285.D
 Acq On : 18 Oct 2019 21:18
 Operator : JU
 Sample : PB124106BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Manual Integrations
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 10/20/2019 8:15:14 PM

Quant Time: Oct 19 01:34:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:52:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46644	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	180772	20.00	ng	-0.02
39) Acenaphthene-d10	14.66	164	128766	20.00	ng	-0.02
64) Phenanthrene-d10	17.41	188	284558	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	311389	20.00	ng	0.00
87) Perylene-d12	24.89	264	374331	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	176869	67.67	ng	-0.02
7) Phenol-d6	7.21	99	168593	44.79	ng	-0.02
23) Nitrobenzene-d5	9.20	82	327860	88.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	231496	104.55	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	860660	96.90	ng	-0.02
79) Terphenyl-d14	20.02	244	1541470	105.49	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.51	88	23408	21.481	ng	87
3) Pyridine	3.91	79	42674	13.923	ng	# 81
4) n-Nitrosodimethylamine	3.82	42	36168	24.539	ng	# 88
6) Aniline	7.37	93	104434	22.986	ng	92
8) 2-Chlorophenol	7.61	128	136581	50.108	ng	94
9) Benzaldehyde	7.17	77	95581	41.558	ng	94
10) Phenol	7.24	94	83919	24.302	ng	92
11) bis(2-Chloroethyl)ether	7.45	93	118889	44.497	ng	89
12) 1,3-Dichlorobenzene	7.92	146	131145	37.716	ng	99
13) 1,4-Dichlorobenzene	8.07	146	135776	39.171	ng	100
14) 1,2-Dichlorobenzene	8.39	146	132213	40.064	ng	93
15) Benzyl Alcohol	8.28	79	102342	36.166	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	160302	31.241	ng	92
17) 2-Methylphenol	8.49	107	109815	45.449	ng	92
18) Hexachloroethane	9.12	117	46038	35.266	ng	95
19) n-Nitroso-di-n-propylamine	8.84	70	106481	43.085	ng	90
20) 3+4-Methylphenols	8.82	107	138839	41.930	ng	97
22) Acetophenone	8.86	105	213049	45.721	ng	# 93
24) Nitrobenzene	9.24	77	159388	44.929	ng	94
25) Isophorone	9.76	82	307712	47.102	ng	97
26) 2-Nitrophenol	9.96	139	82858	54.866	ng	92
27) 2,4-Dimethylphenol	10.02	122	131888	56.867	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	167110	45.085	ng	97
29) 2,4-Dichlorophenol	10.50	162	153129	53.089	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	151604	40.701	ng	96
31) Naphthalene	10.89	128	408358	45.889	ng	100
32) Benzoic acid	10.14	122	18216	13.444	ng	93
33) 4-Chloroaniline	11.00	127	60877	15.766	ng	# 93
34) Hexachlorobutadiene	11.18	225	103189	36.999	ng	96
35) Caprolactam	11.84	113	11188m	10.999	ng	
36) 4-Chloro-3-methylphenol	12.13	107	161850	51.607	ng	96
37) 2-Methylnaphthalene	12.49	142	323227	47.613	ng	95
38) 1-Methylnaphthalene	12.71	142	309851	48.236	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	207757	42.912	ng	99

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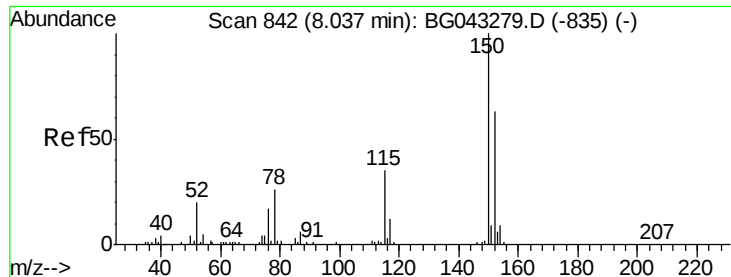
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	240907	78.095	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	140814	49.692	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	153782	52.679	nq	96
46) 1,1'-Biphenyl	13.50	154	447032	45.779	nq	98
47) 2-Chloronaphthalene	13.54	162	340948	46.570	nq	98
48) 2-Nitroaniline	13.75	65	109444	44.953	nq	# 87
49) Acenaphthylene	14.39	152	565140	50.447	nq	99
50) Dimethylphthalate	14.12	163	465591	48.258	nq	99
51) 2,6-Dinitrotoluene	14.24	165	107074	52.114	nq	86
52) Acenaphthene	14.73	154	337478	45.007	nq	98
53) 3-Nitroaniline	14.57	138	55646	26.207	nq	100
54) 2,4-Dinitrophenol	14.77	184	120644	94.467	nq	97
55) Dibenzofuran	15.06	168	553272	49.879	nq	99
56) 4-Nitrophenol	14.90	139	79067	48.872	nq	89
57) 2,4-Dinitrotoluene	15.03	165	151767	50.442	nq	92
58) Fluorene	15.71	166	463006	48.891	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	149756	48.181	nq	99
60) Diethylphthalate	15.48	149	468056	47.670	nq	97
61) 4-Chlorophenyl-phenylether	15.70	204	267897	47.168	nq	97
62) 4-Nitroaniline	15.74	138	99796	43.095	nq	87
63) Azobenzene	16.00	77	386844	43.274	nq	94
65) 4,6-Dinitro-2-methylphenol	15.79	198	91567	56.866	nq	94
66) n-Nitrosodiphenylamine	15.91	169	413012	54.981	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	189778	53.137	nq	97
68) Hexachlorobenzene	16.72	284	211722	53.242	nq	98
69) Atrazine	16.87	200	175378	55.442	nq	97
70) Pentachlorophenol	17.07	266	219597	95.702	nq	98
71) Phenanthrene	17.45	178	727282	52.352	nq	98
72) Anthracene	17.54	178	763440	55.047	nq	99
73) Carbazole	17.82	167	676723	52.619	nq	98
74) Di-n-butylphthalate	18.36	149	785161	51.169	nq	99
75) Fluoranthene	19.46	202	947896	51.586	nq	98
77) Benzidine	19.65	184	193441	24.810	nq	99
78) Pyrene	19.82	202	942252	50.698	nq	99
80) Butylbenzylphthalate	20.70	149	353578	50.120	nq	96
81) Benzo(a)anthracene	21.66	228	974229	50.212	nq	99
82) 3,3'-Dichlorobenzidine	21.57	252	265911	34.943	nq	99
83) Chrysene	21.72	228	938047	49.820	nq	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	524672	52.267	nq	97
85) Di-n-octyl phthalate	22.77	149	911852	55.551	nq	# 95
86) Indeno(1,2,3-cd)pyrene	28.55	276	1270013	54.182	nq	# 98
88) Benzo(b)fluoranthene	23.87	252	1040099	49.106	nq	100
89) Benzo(k)fluoranthene	23.94	252	1072857	51.202	nq	99
90) Benzo(a)pyrene	24.74	252	973750	48.729	nq	98
91) Dibenzo(a,h)anthracene	28.62	278	1078442	52.630	nq	98
92) Benzo(g,h,i)perylene	29.70	276	1068799	53.832	nq	100

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



#1

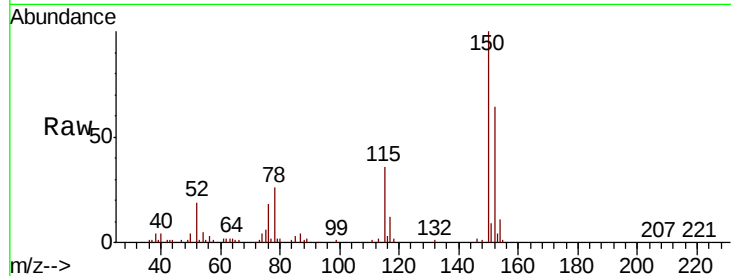
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	115.0	172.4
115	56.1	47.0	70.6

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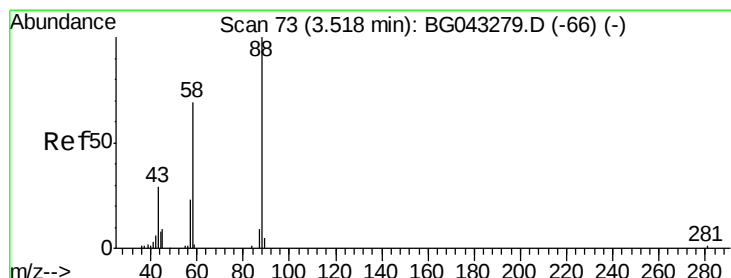
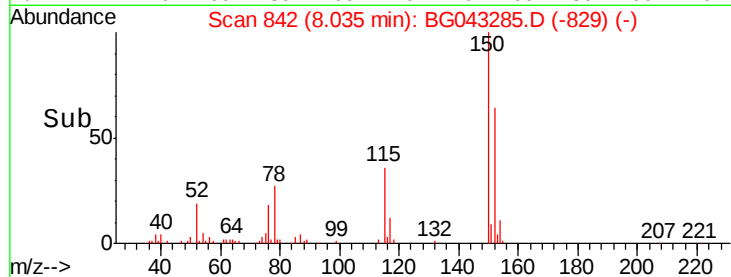
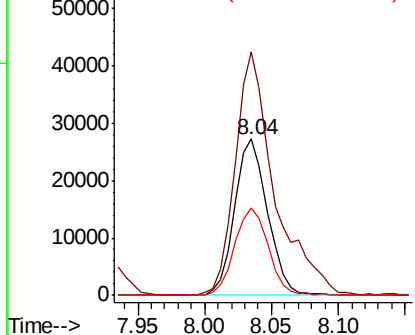


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

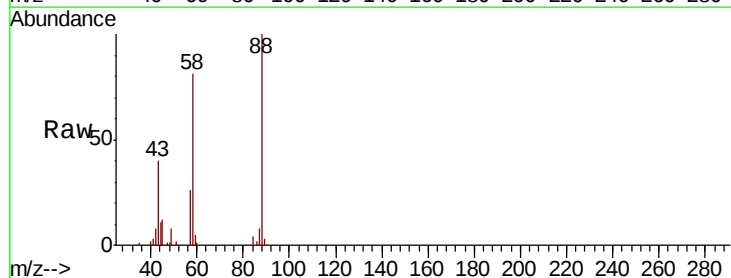
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.481 ng
RT: 3.51 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	74.3	111.5
43	38.5	29.8	44.8

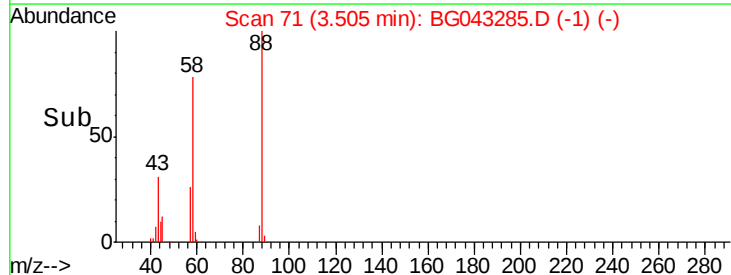
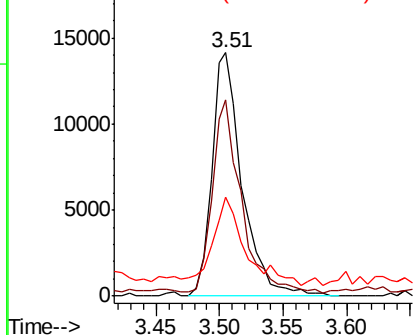


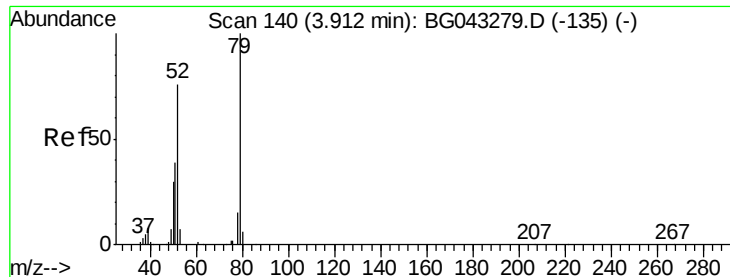
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 13.923 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

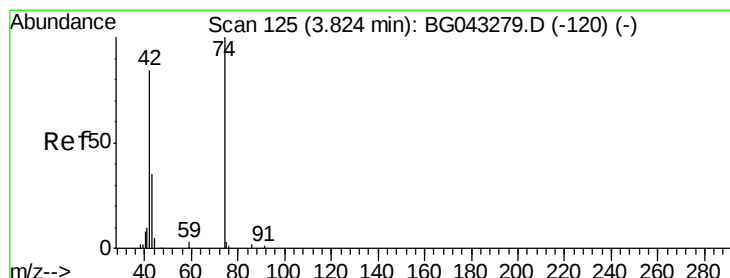
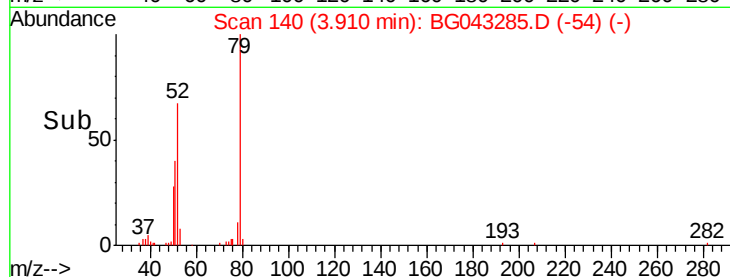
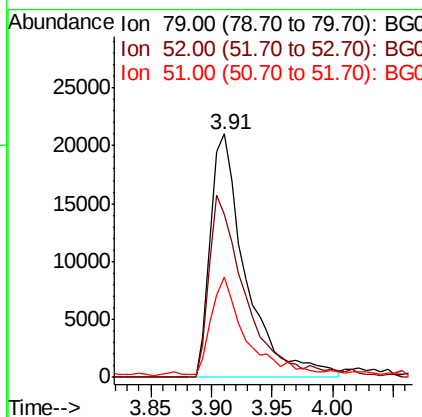
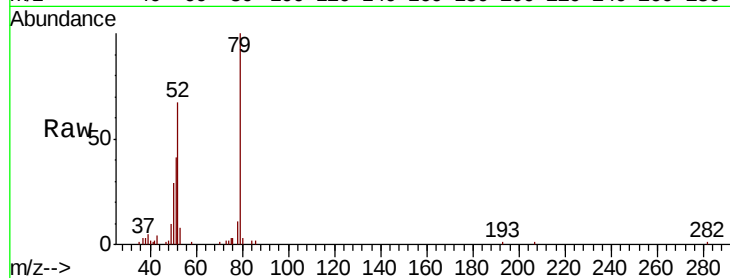
ClientSampleId :

PB124106BSD

Tot Ion:	79	Resp:	42674
Ion	Ratio	Lower	Upper
79	100		
52	67.2	73.0	109.4#
51	40.9	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 24.539 ng

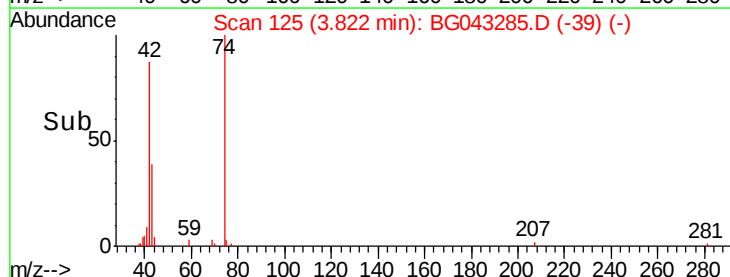
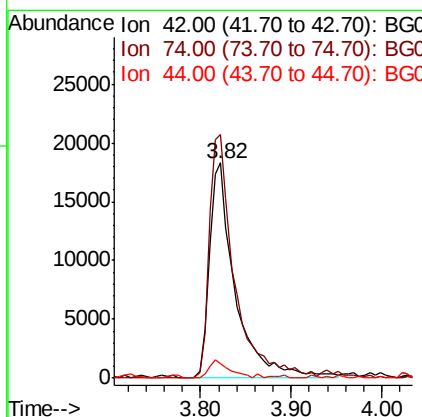
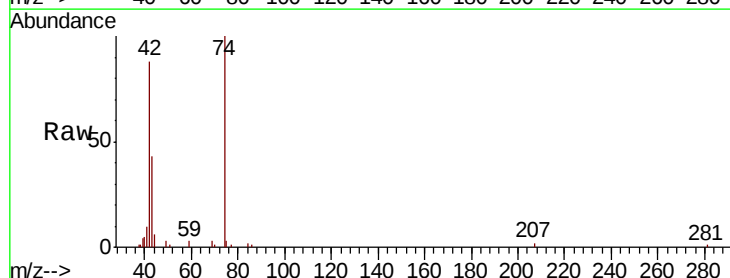
RT: 3.82 min Scan# 125

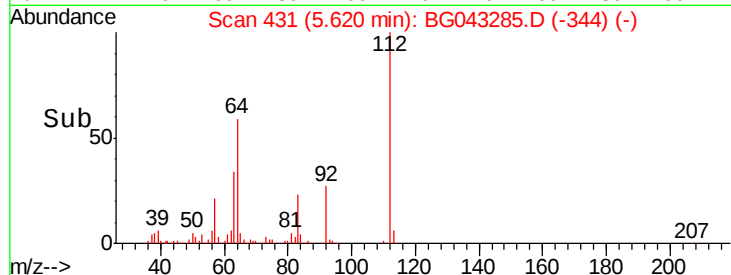
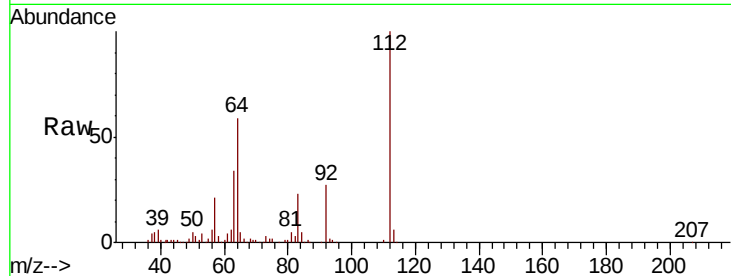
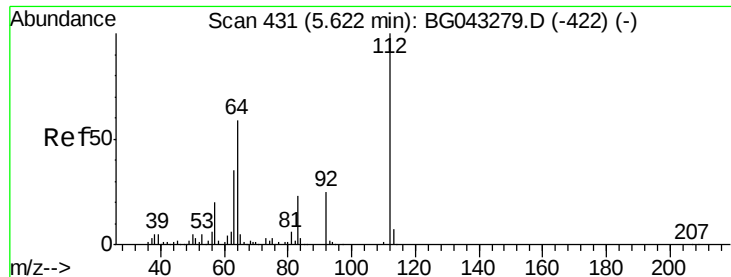
Delta R.T. -0.02 min

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Tgt Ion:	42	Resp:	36168
Ion	Ratio	Lower	Upper
42	100		
74	113.3	80.5	120.7
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 67.671 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

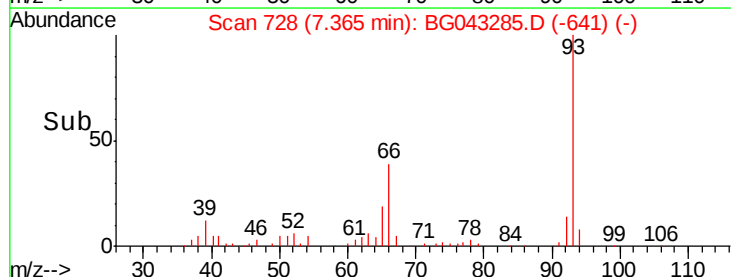
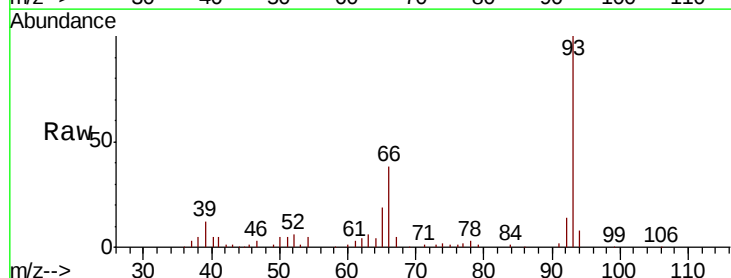
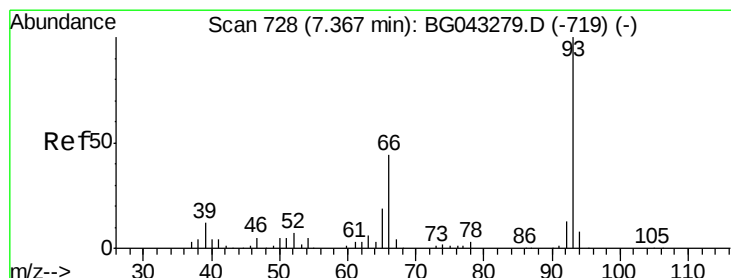
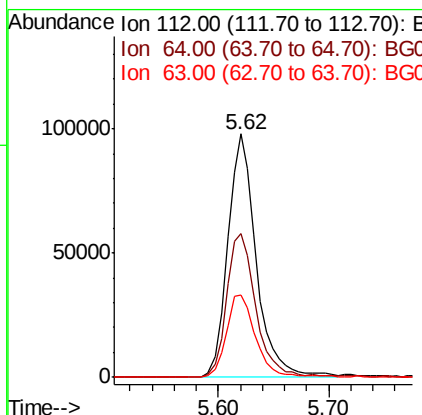
ClientSampleId :

PB124106BSD

Tot Ion:	112	Resp:	176869
Ion Ratio	Lower	Upper	
112	100		
64	58.9	56.6	84.8
63	33.7	35.1	52.7#

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#6

Aniline

Concen: 22.986 ng

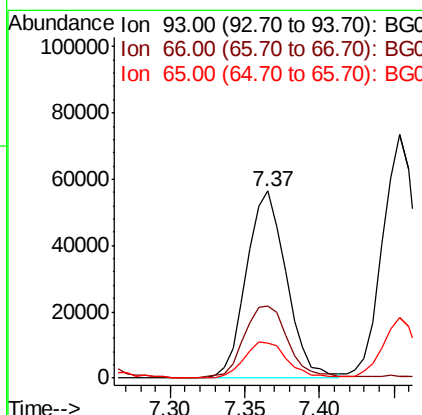
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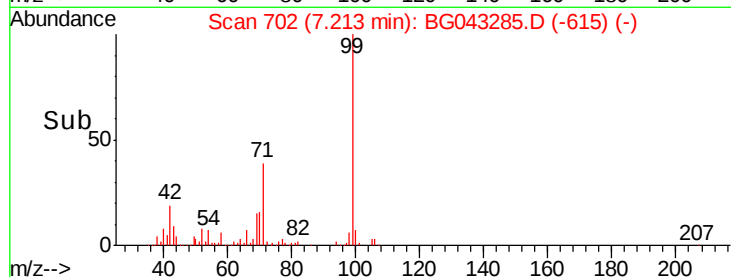
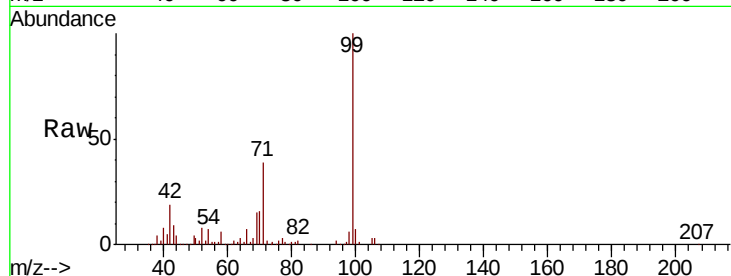
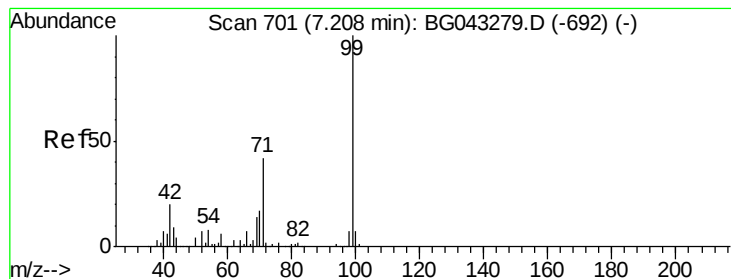
Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	93	Resp:	104434
Ion Ratio	Lower	Upper	
93	100		
66	38.4	35.0	52.6
65	18.8	17.4	26.0





#7

Phenol-d6

Concen: 44.793 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tot Ion:	99	Resp:	168593
Ion Ratio	Lower	Upper	
99	100		
42	18.5	17.2	25.8
71	39.2	33.1	49.7

Instrument :

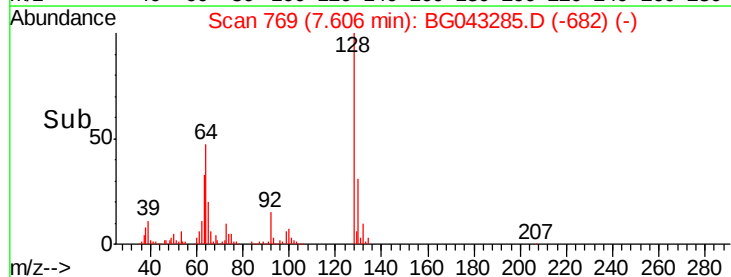
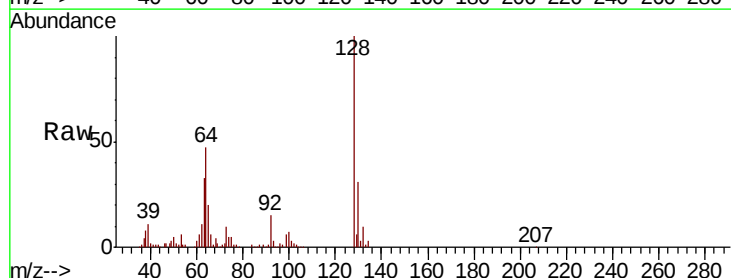
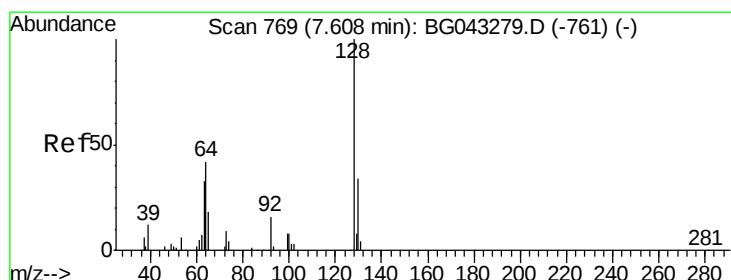
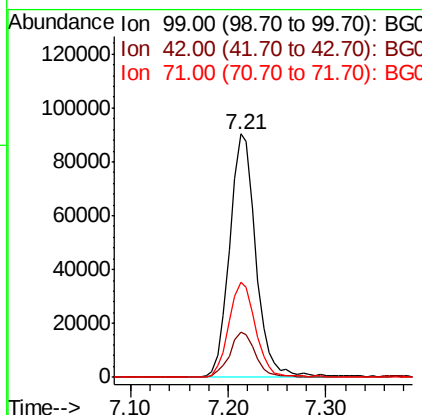
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#8

2-Chlorophenol

Concen: 50.108 ng

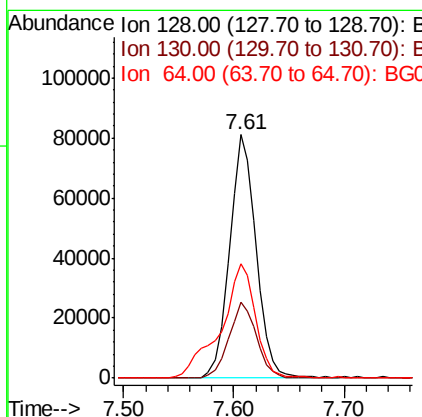
RT: 7.61 min Scan# 769

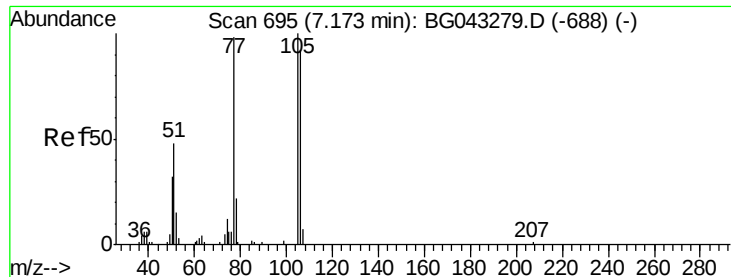
Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	128	Resp:	136581
Ion Ratio	Lower	Upper	
128	100		
130	30.9	12.5	52.5
64	47.1	32.8	72.8





#9

Benzaldehyde

Concen: 41.558 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

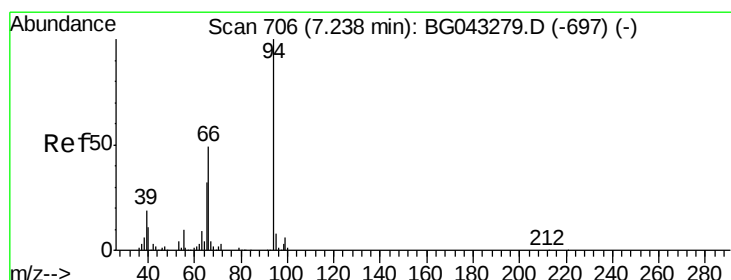
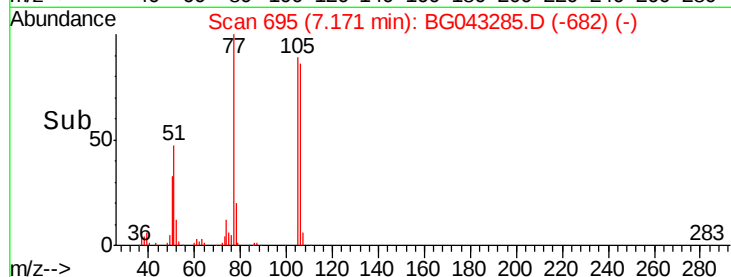
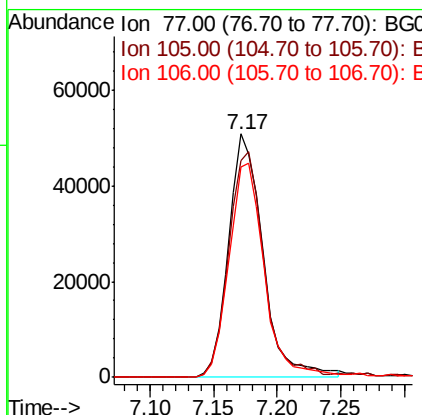
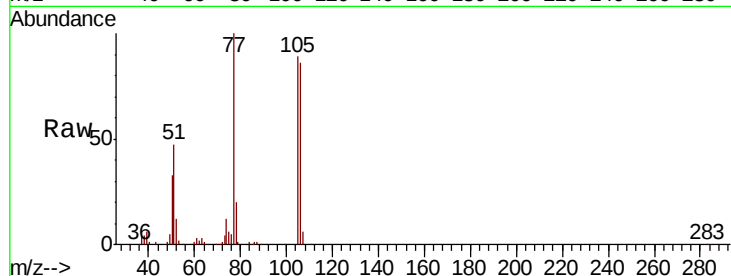
ClientSampleId :

PB124106BSD

Tot Ion:	77	Resp:	95581
Ion Ratio	Lower	Upper	
77	100		
105	88.9	64.6	104.6
106	86.5	59.4	99.4

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#10

Phenol

Concen: 24.302 ng

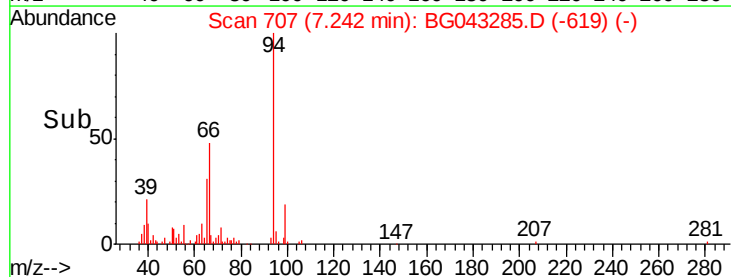
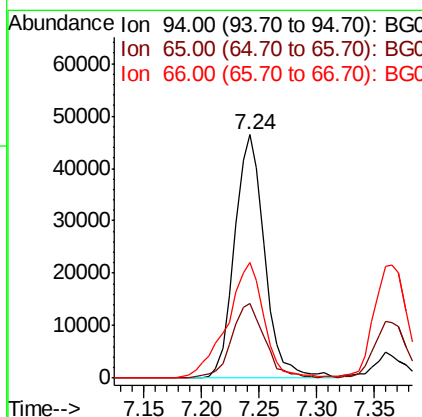
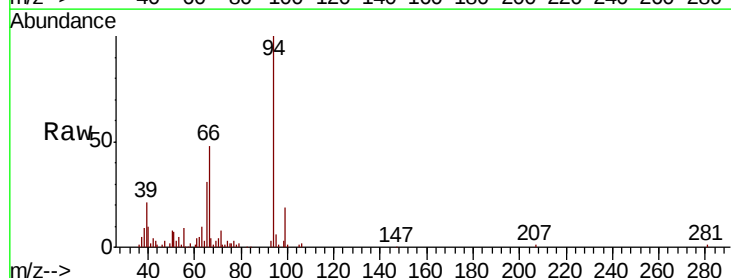
RT: 7.24 min Scan# 707

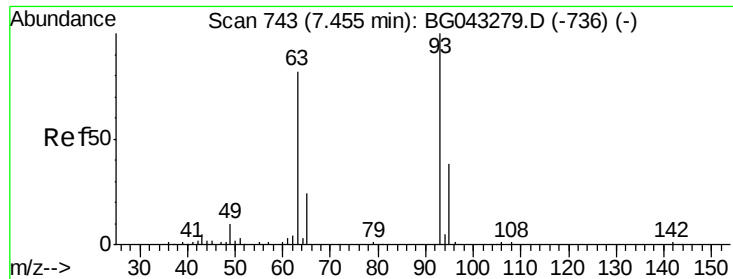
Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	94	Resp:	83919
Ion Ratio	Lower	Upper	
94	100		
65	30.9	16.6	56.6
66	47.6	32.4	72.4





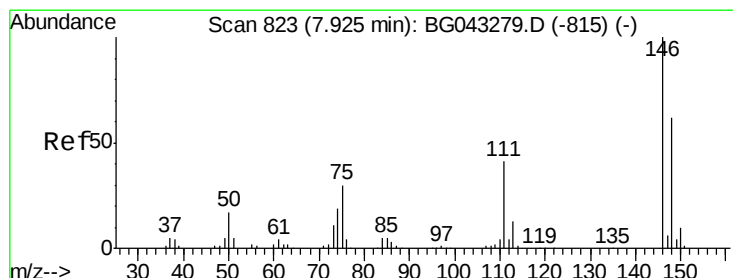
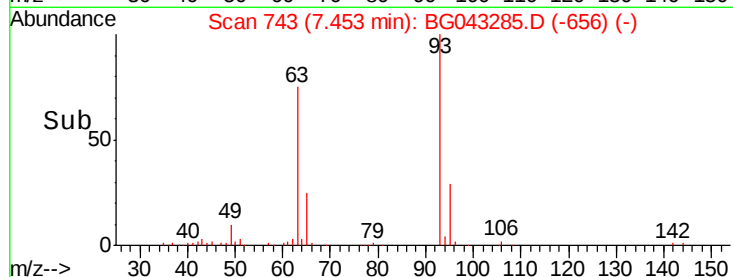
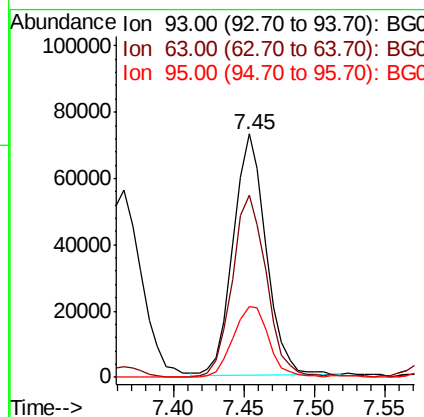
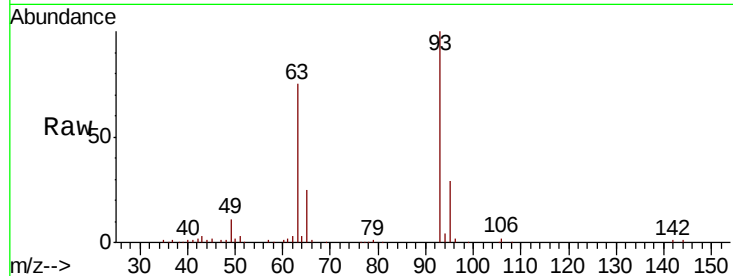
#11
bis(2-Chloroethyl)ether
Concen: 44.497 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	67.4	107.4
95	29.3	11.9	51.9

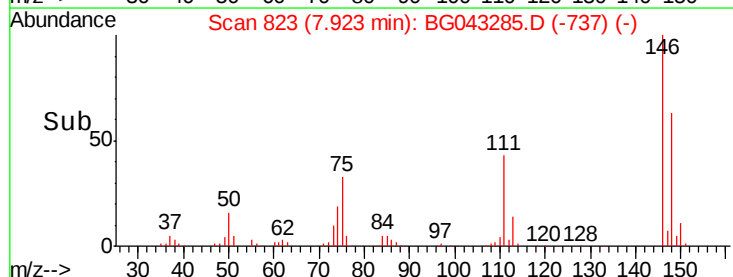
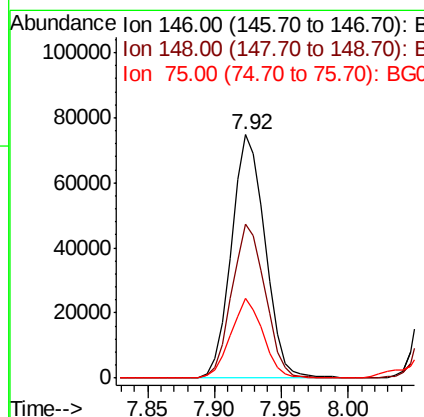
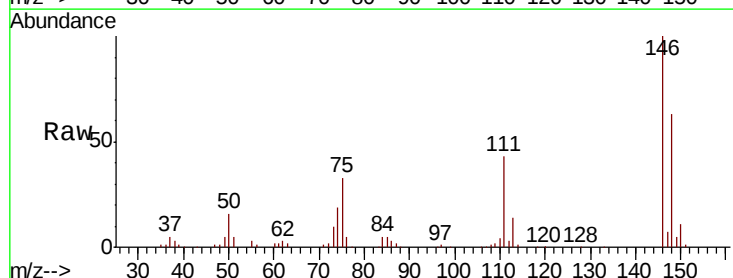
Manual Integrations
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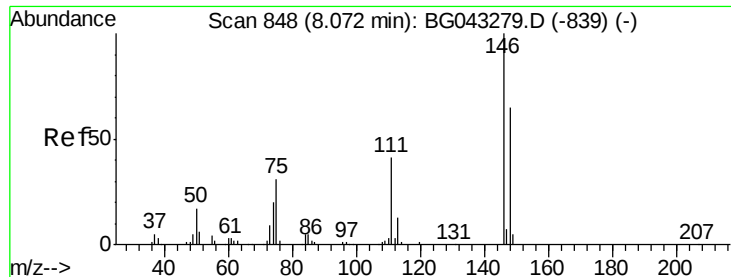
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.716 ng
RT: 7.92 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
75	32.7	27.7	41.5





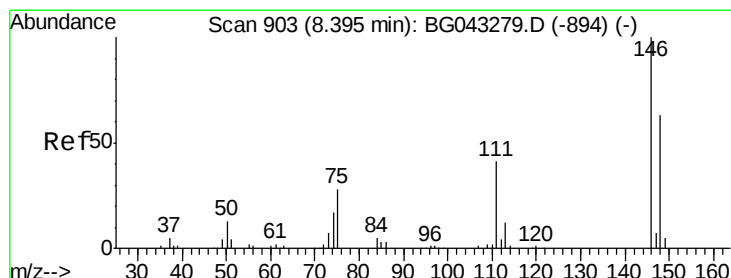
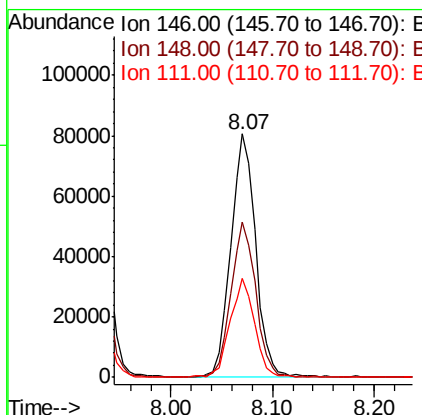
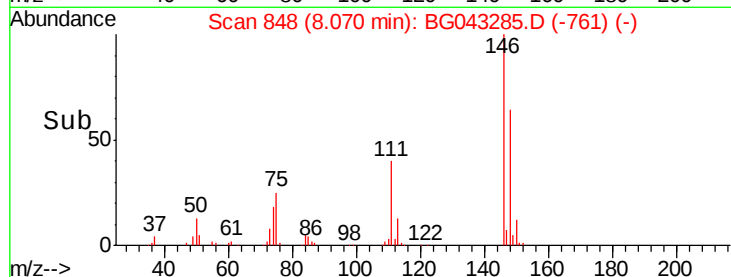
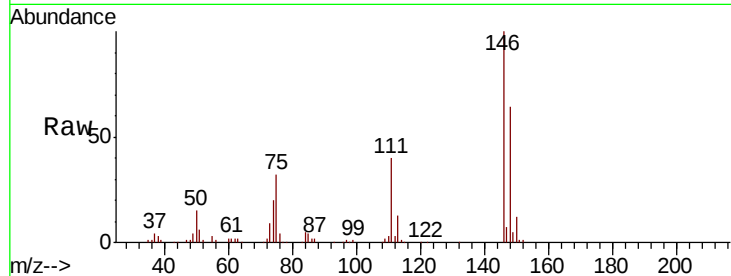
#13
1,4-Dichlorobenzene
Concen: 39.171 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.9	76.3
111	40.4	31.8	47.8

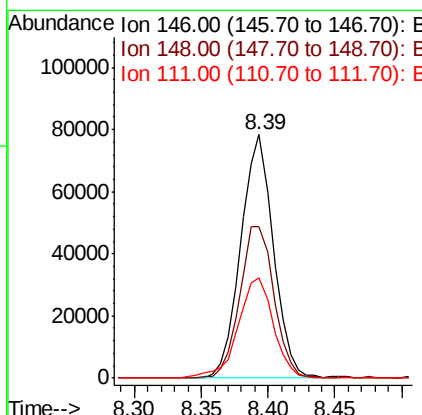
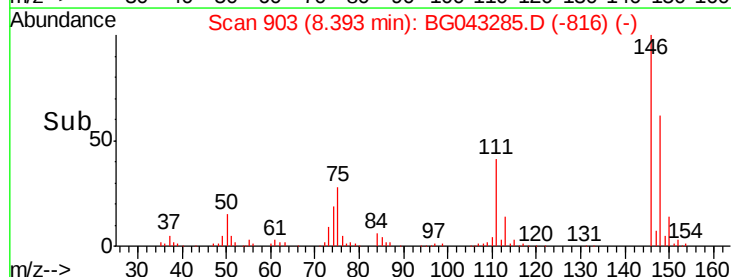
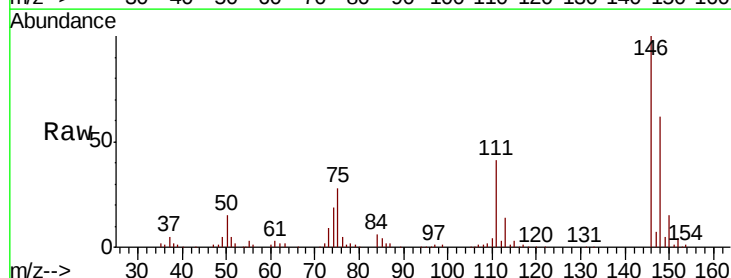
Manual Integrations
APPROVED

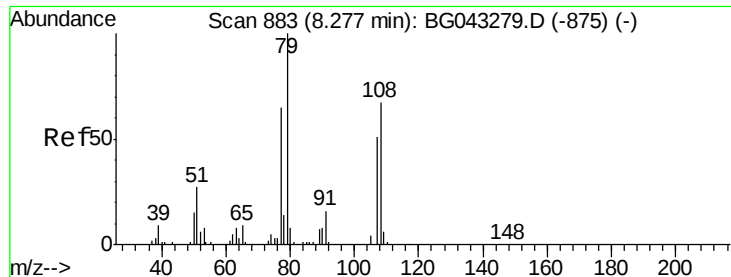
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.064 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.4	80.2
111	41.4	38.5	57.7





#15

Benzyl Alcohol

Concen: 36.166 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

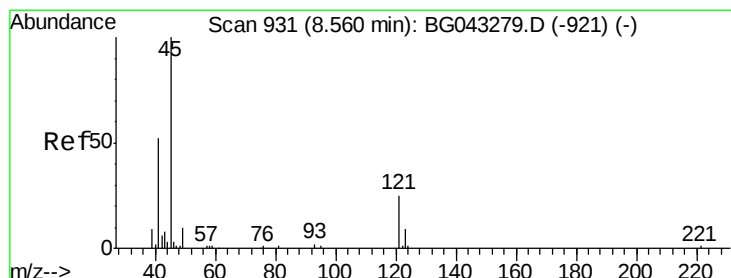
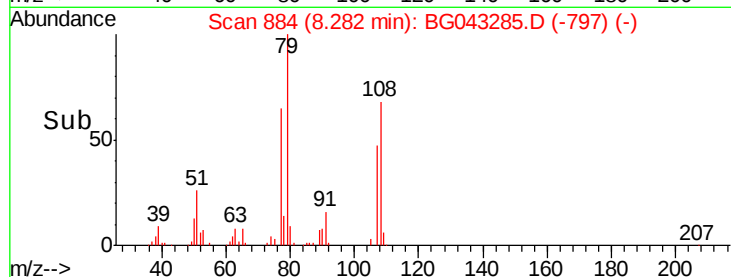
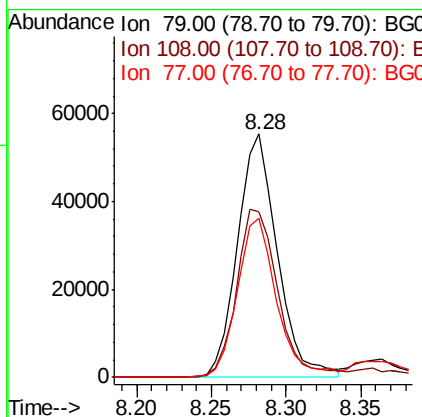
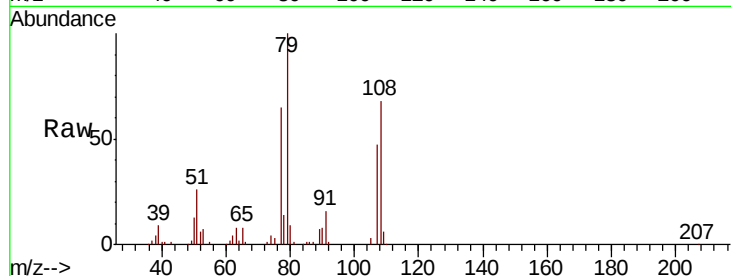
ClientSampleId :

PB124106BSD

Tot Ion:	79	Resp:	102342
Ion Ratio	Lower	Upper	
79	100		
108	68.1	55.7	83.5
77	65.2	53.3	79.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.241 ng

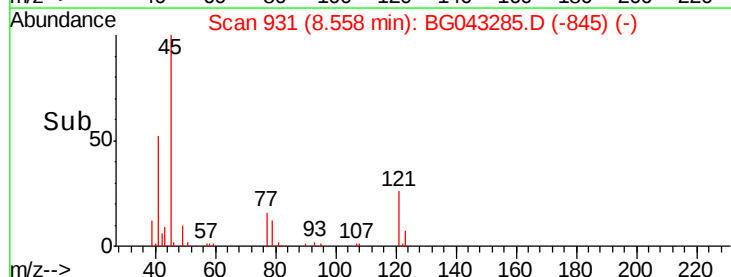
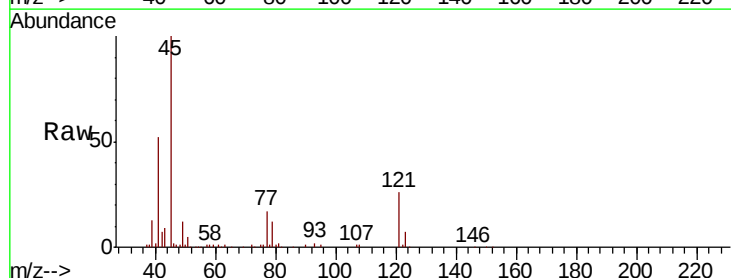
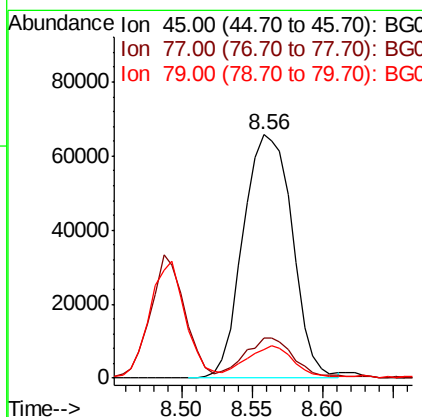
RT: 8.56 min Scan# 931

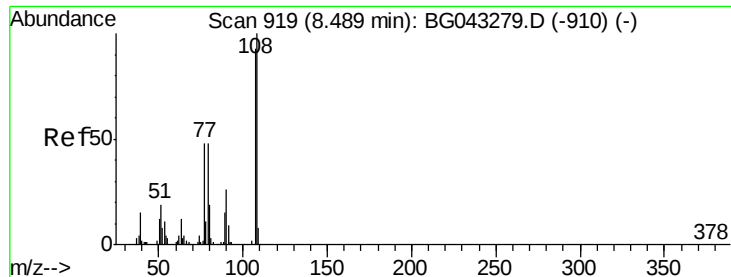
Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	45	Resp:	160302
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	32.8
79	11.9	0.0	29.4





#17

2-Methylphenol

Concen: 45.449 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

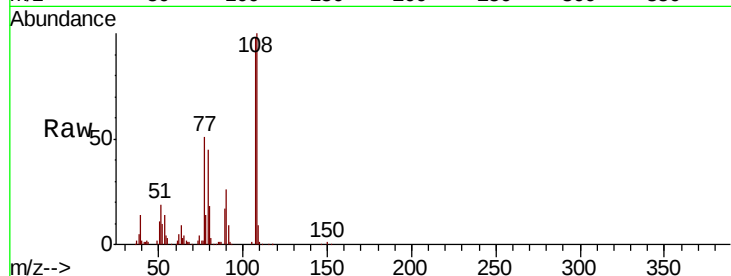
ClientSampleId :

PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.4	89.9	134.9	
77	52.5	45.4	68.2	
79	45.6	41.4	62.0	

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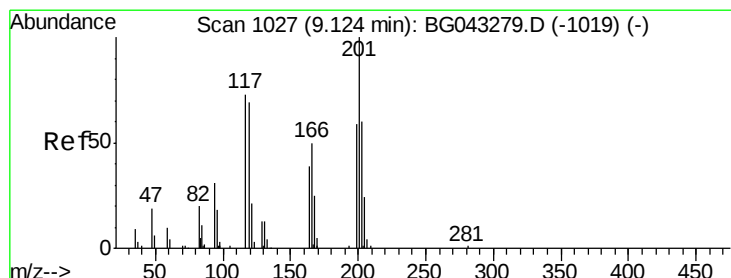
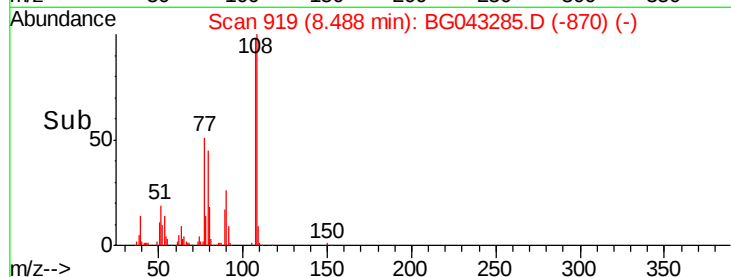
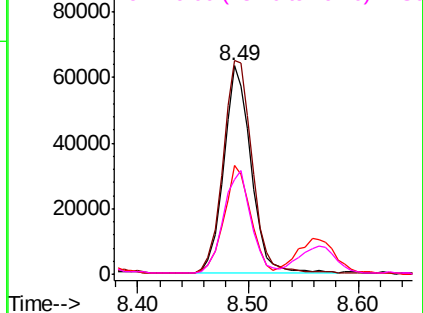
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.266 ng

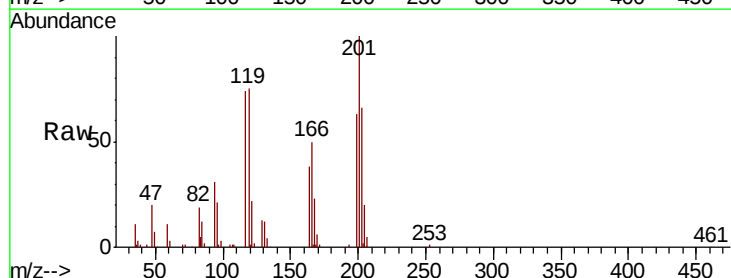
RT: 9.12 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.0	74.6	111.8	
201	135.5	106.0	159.0	

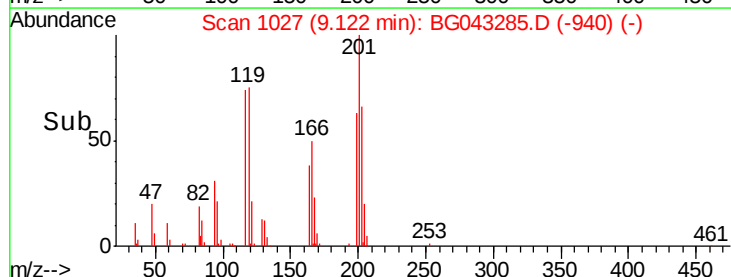
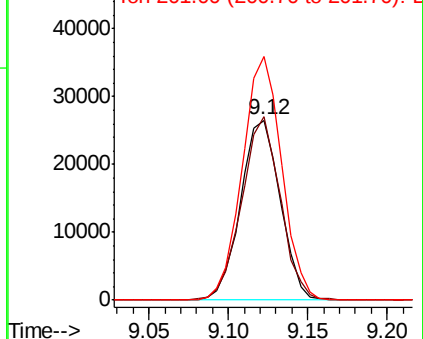


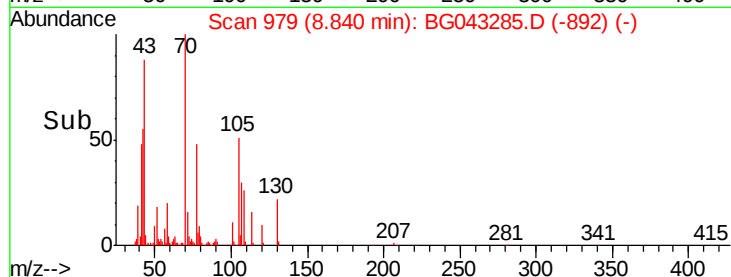
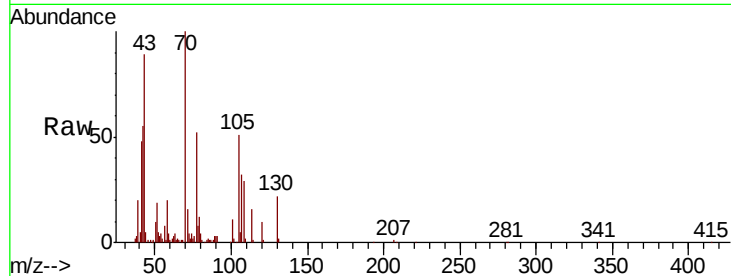
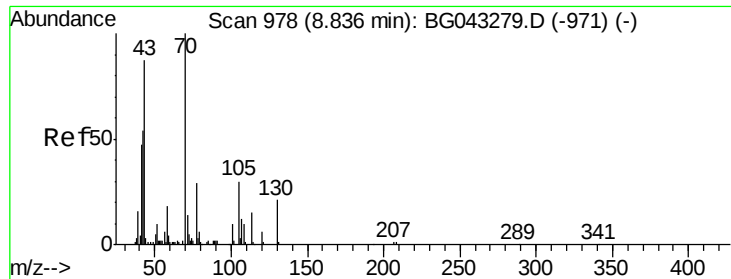
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





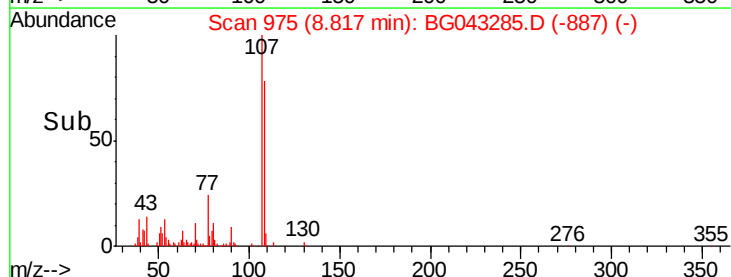
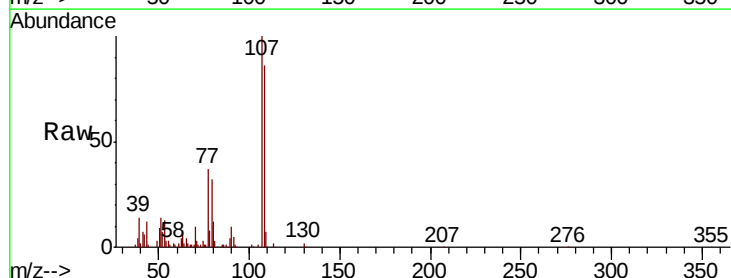
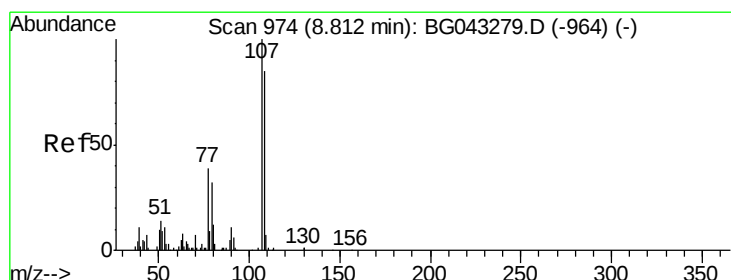
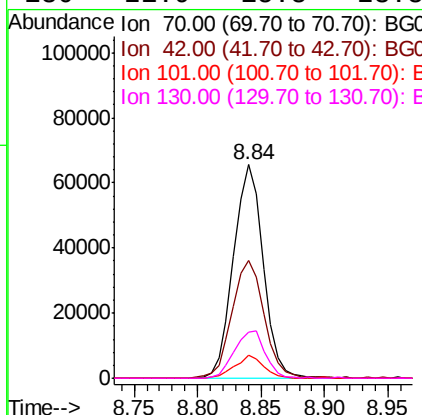
#19
n-Nitroso-di-n-propylamine
Concen: 43.085 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	52.6	79.0	
101	10.7	8.7	13.1	
130	21.9	15.8	23.8	

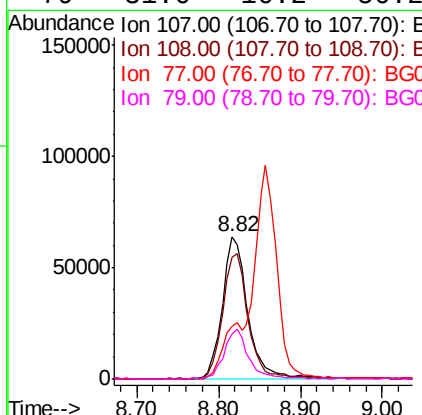
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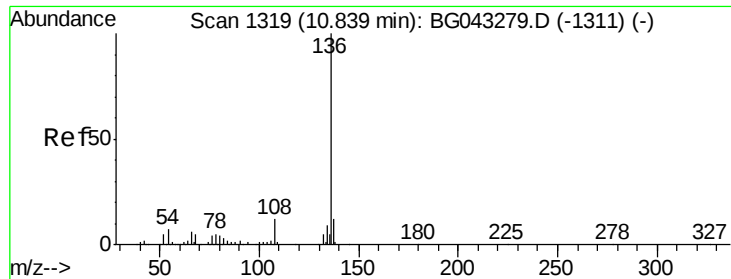
mohammad
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#20
3+4-Methylphenols
Concen: 41.930 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	64.9	104.9	
77	36.6	19.4	59.4	
79	31.6	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

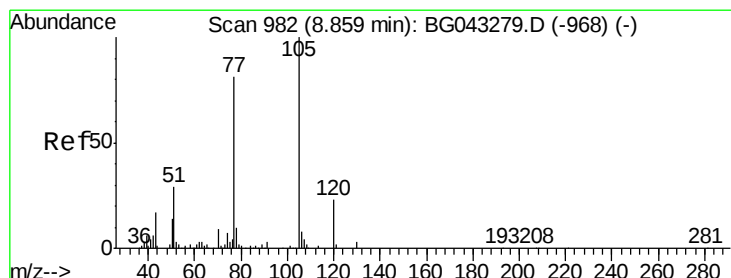
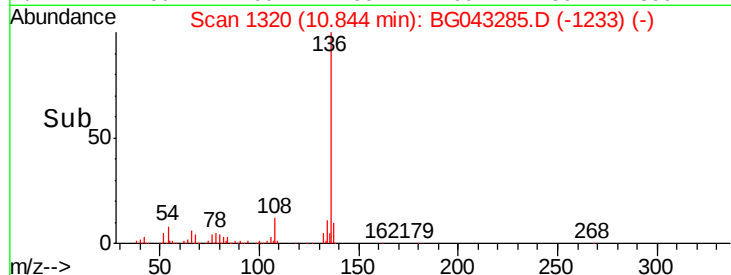
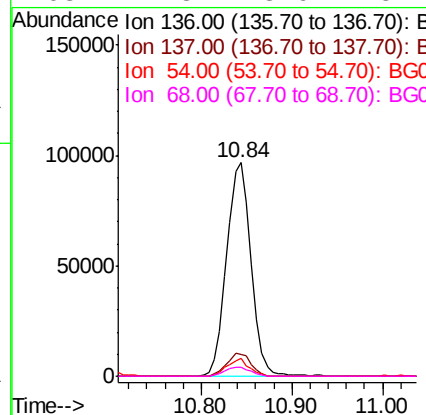
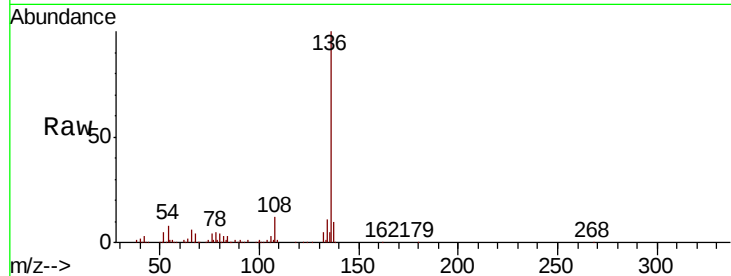
ClientSampleId :

PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	180772		
137	10.4		8.5	12.7
54	8.2		7.4	11.2
68	4.3		3.6	5.4

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#22

Acetophenone

Concen: 45.721 ng

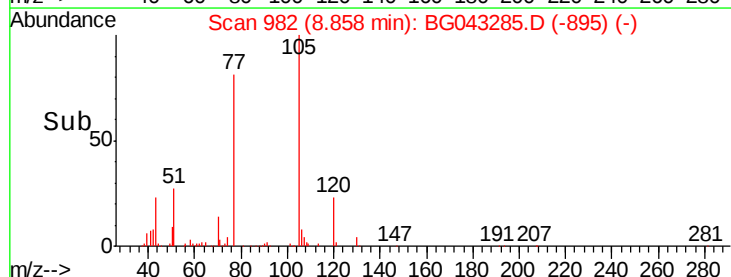
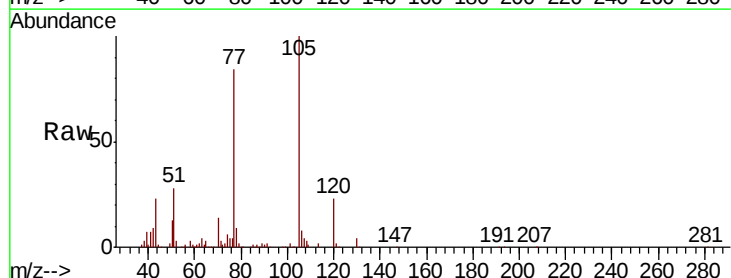
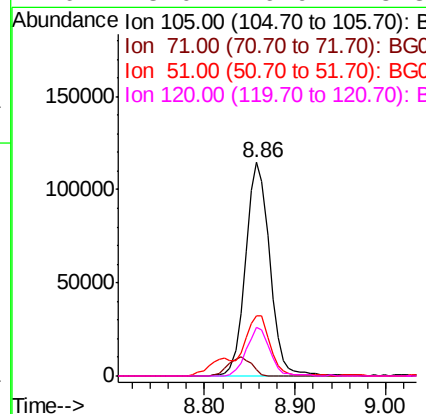
RT: 8.86 min Scan# 982

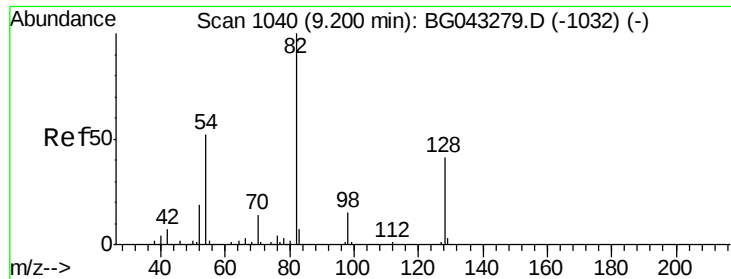
Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213049		
71	2.8		1.2	1.8#
51	28.4		27.2	40.8
120	23.0		16.9	25.3





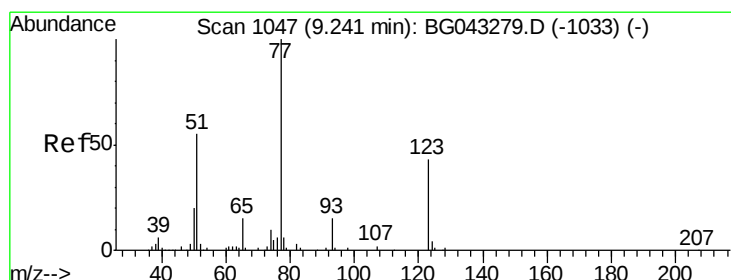
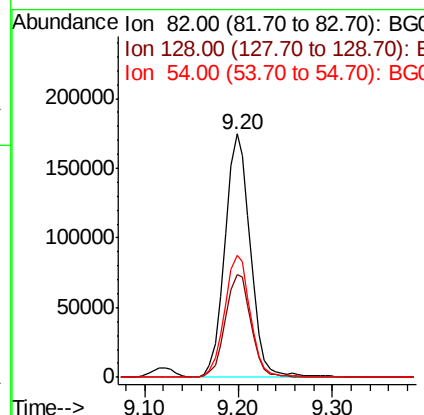
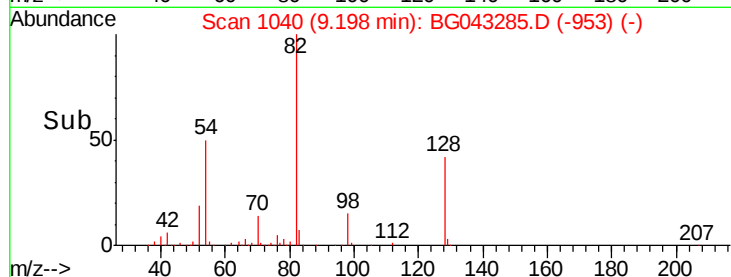
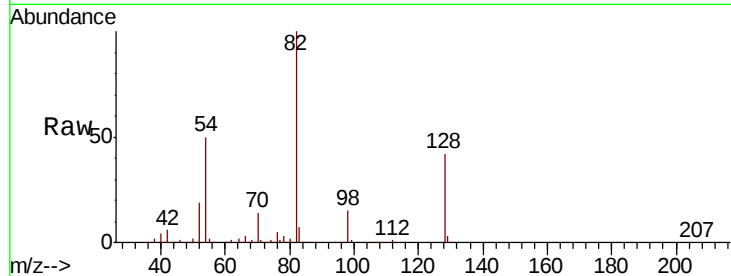
#23
 Nitrobenzene-d5
 Concen: 88.154 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.3	29.5	44.3	
54	50.4	44.6	67.0	

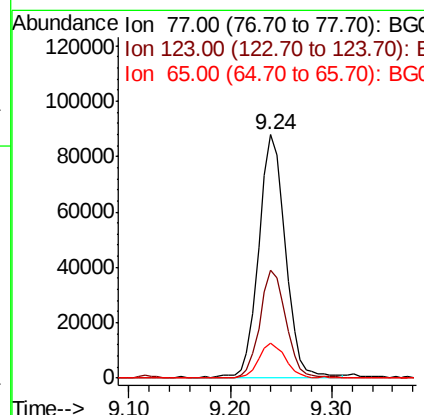
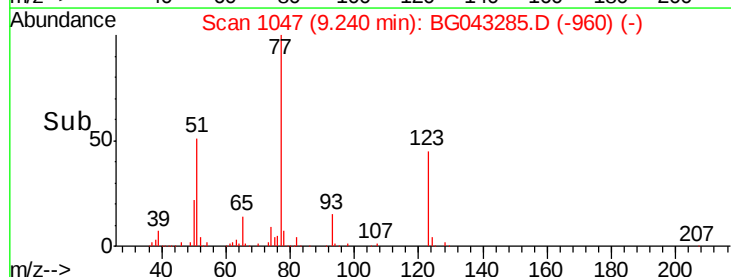
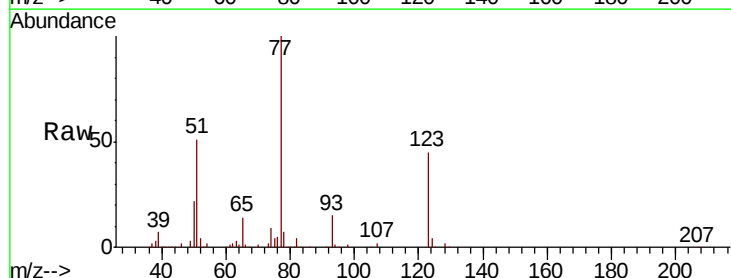
Manual Integrations
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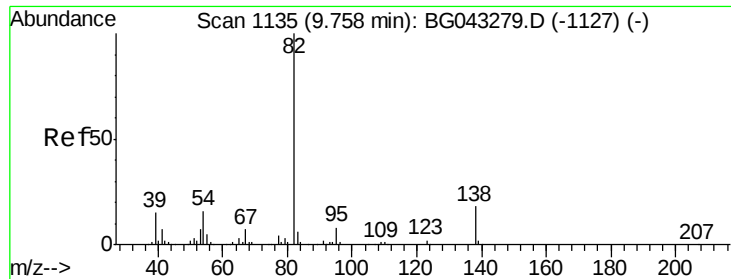
mohammad
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#24
 Nitrobenzene
 Concen: 44.929 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.5	31.9	47.9	
65	14.1	12.4	18.6	





#25

Isophorone

Concen: 47.102 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

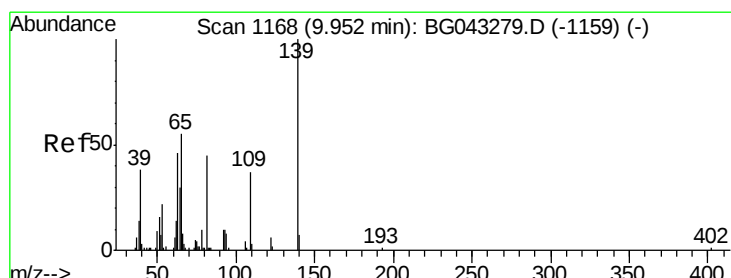
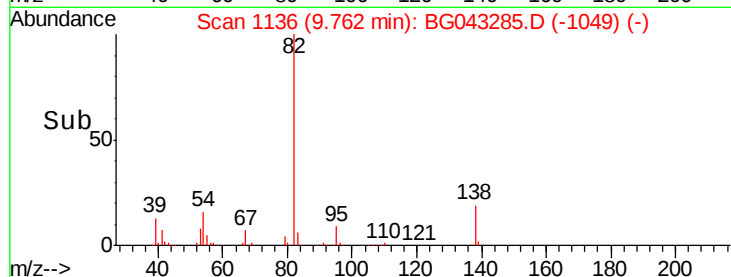
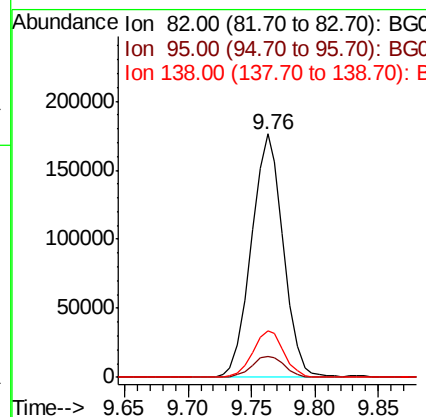
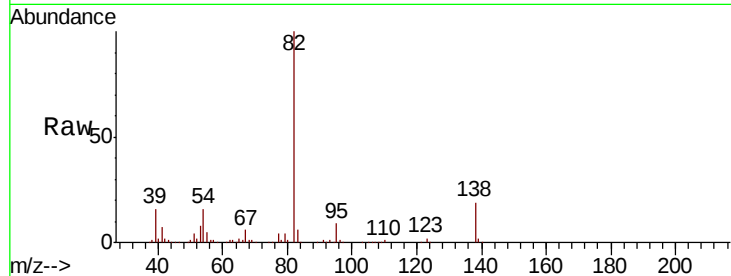
ClientSampleId :

PB124106BSD

Tot Ion:	82	Resp:	307712
Ion Ratio		Lower	Upper
82	100		
95	8.7	7.0	10.4
138	19.2	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.866 ng

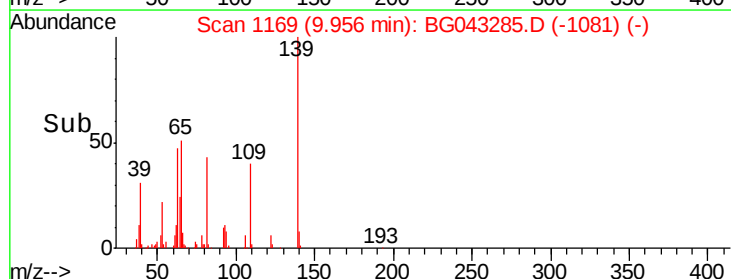
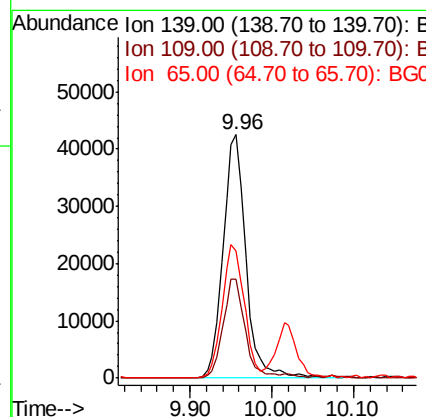
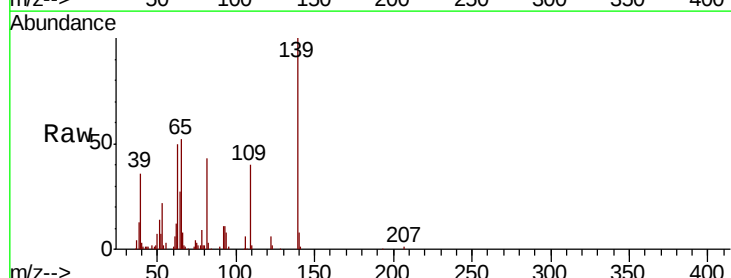
RT: 9.96 min Scan# 1169

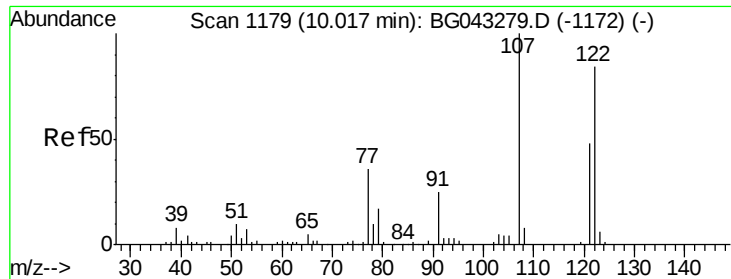
Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	139	Resp:	82858
Ion Ratio		Lower	Upper
139	100		
109	40.5	31.0	46.6
65	52.1	48.4	72.6





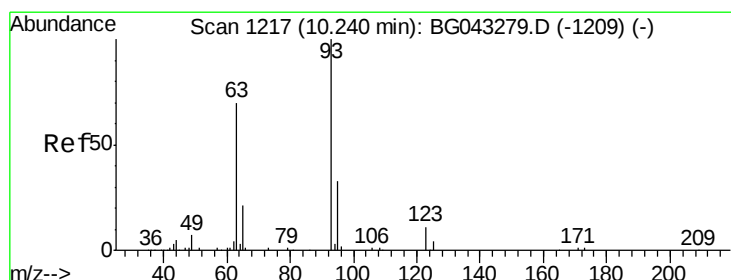
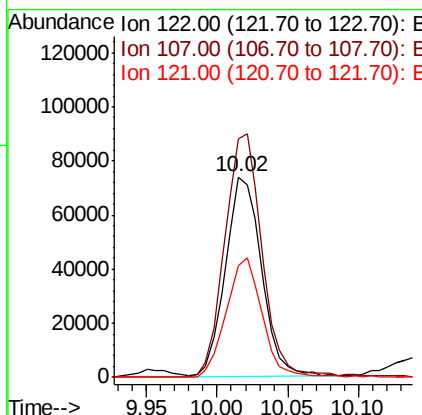
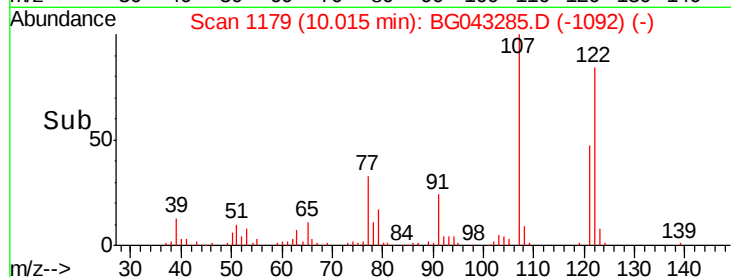
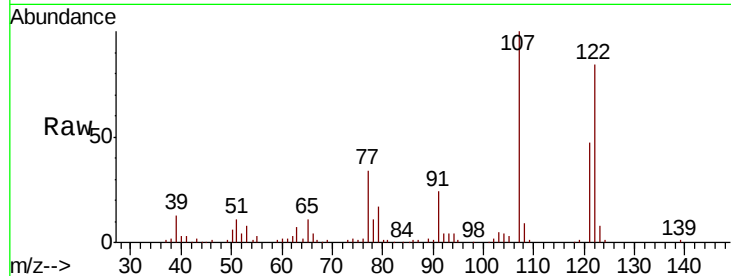
#27
 2,4-Dimethylphenol
 Concen: 56.867 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	102.2	153.2
121	56.0	48.5	72.7

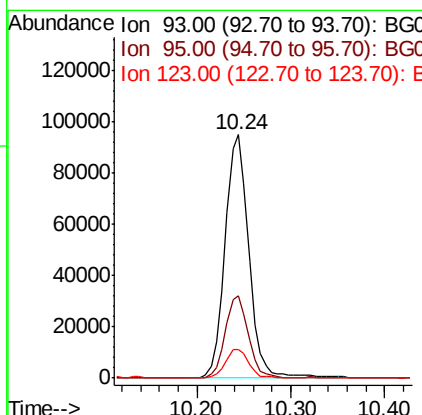
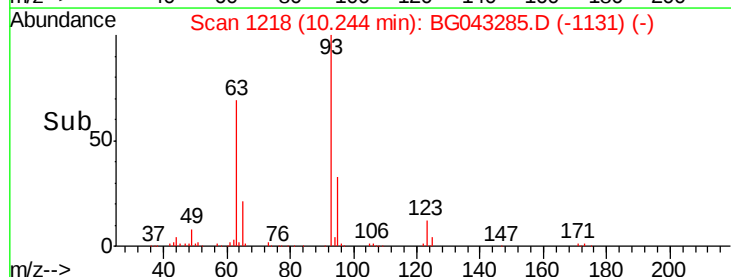
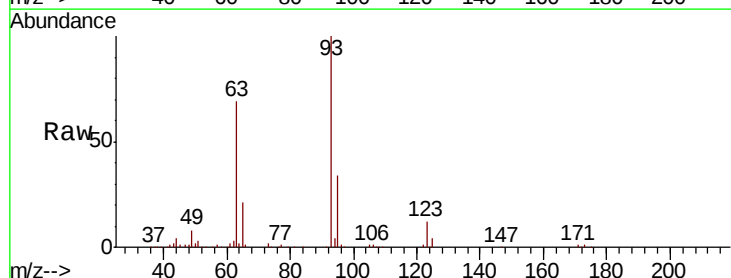
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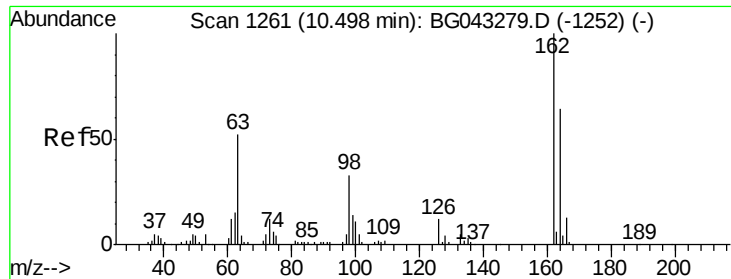
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.085 ng
 RT: 10.24 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.4	38.0
123	11.9	9.3	13.9





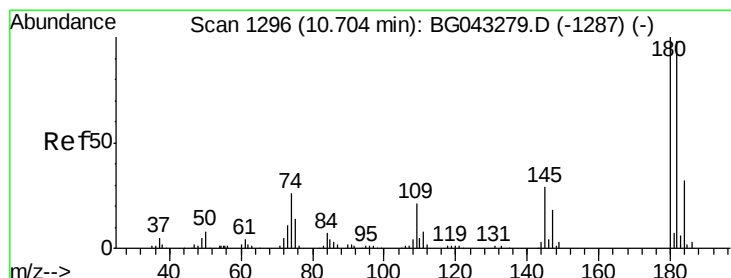
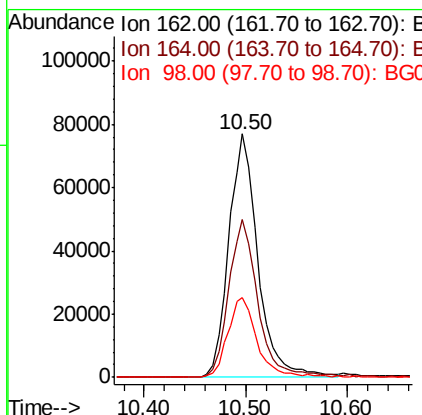
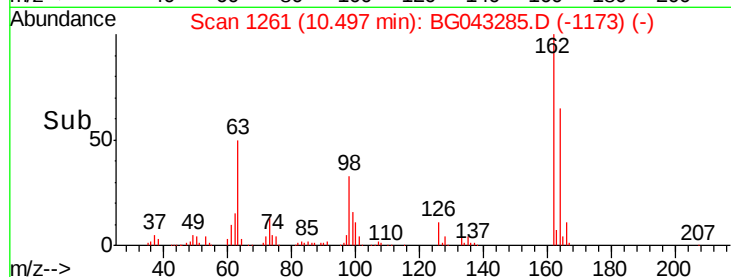
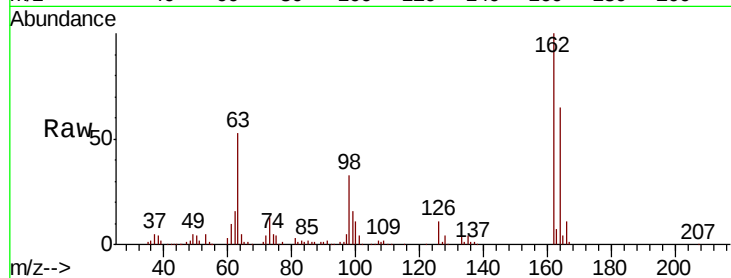
#29
2,4-Dichlorophenol
Concen: 53.089 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.7	84.7
98	32.7	16.0	56.0

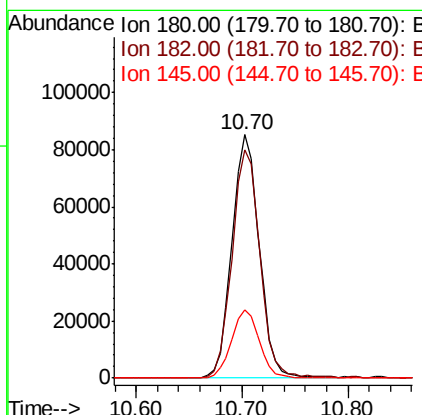
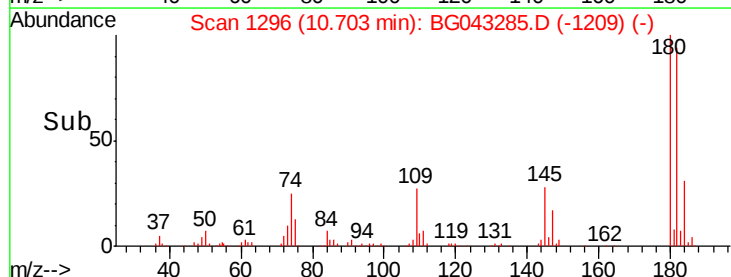
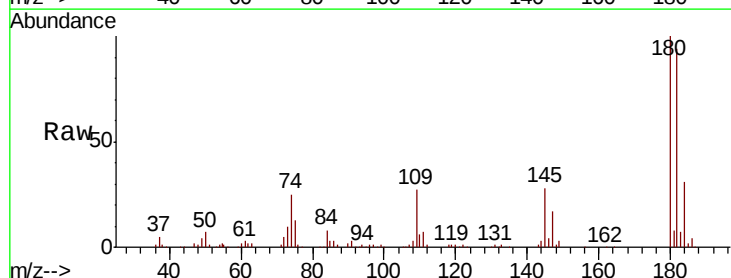
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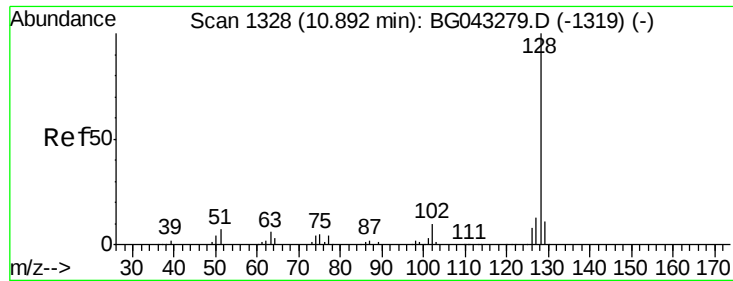
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#30
1,2,4-Trichlorobenzene
Concen: 40.701 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	79.3	118.9
145	27.8	22.0	33.0





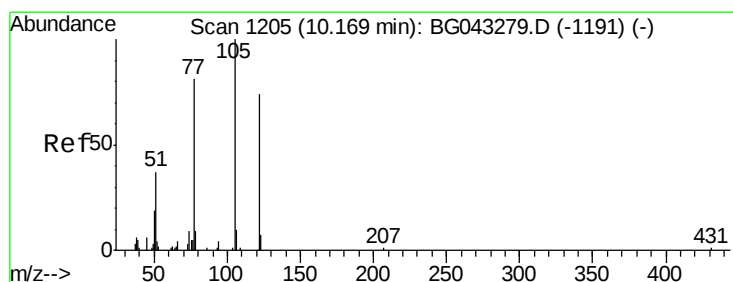
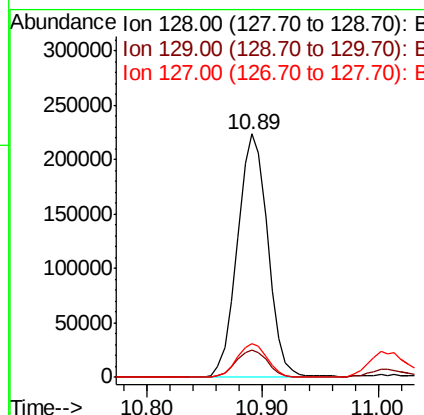
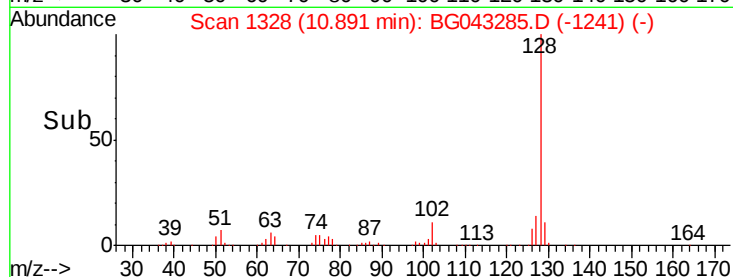
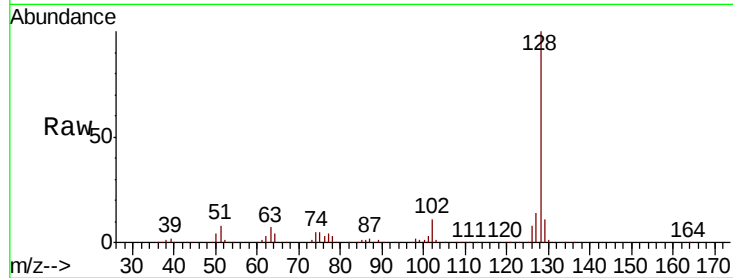
#31
Naphthalene
Concen: 45.889 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	14.1	11.3	16.9	

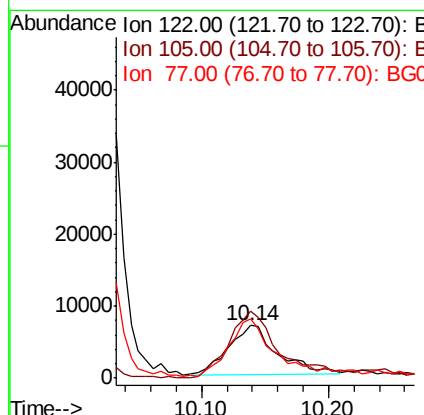
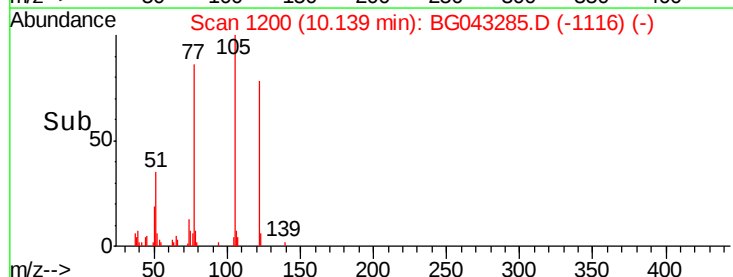
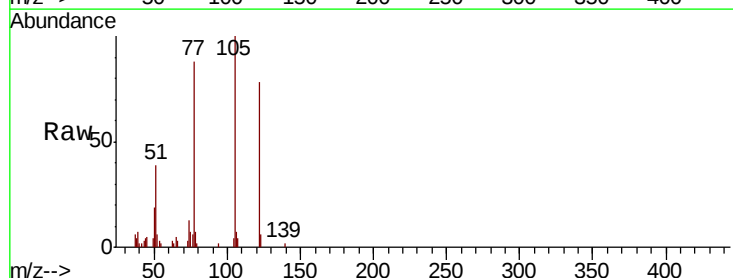
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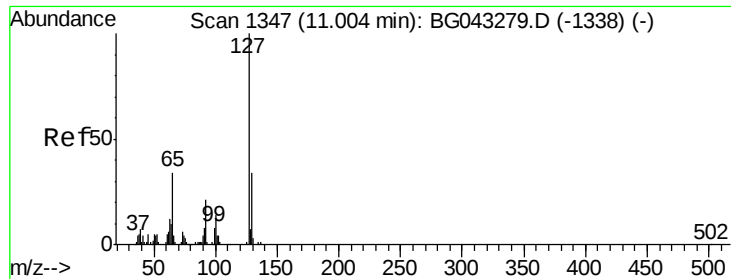
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#32
Benzoic acid
Concen: 13.444 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.04 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.0	107.5	147.5	
77	113.3	79.8	119.8	





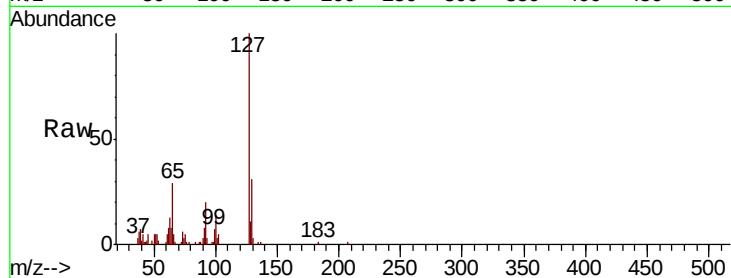
#33
4-Chloroaniline
Concen: 15.766 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	29.5	30.6	45.8
92	20.0	16.2	24.4

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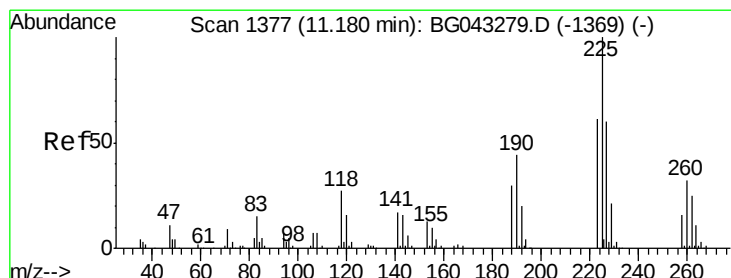
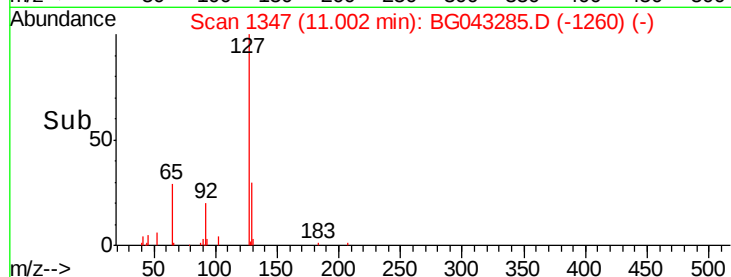
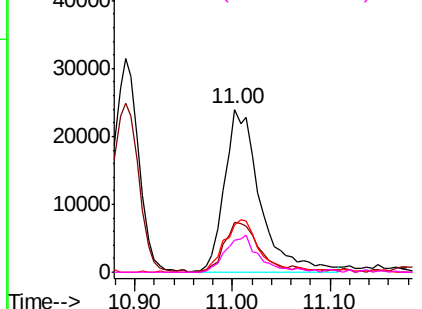
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

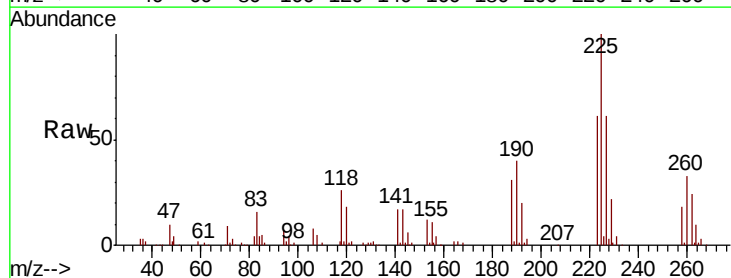
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.999 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.3	73.9
227	60.7	52.8	79.2

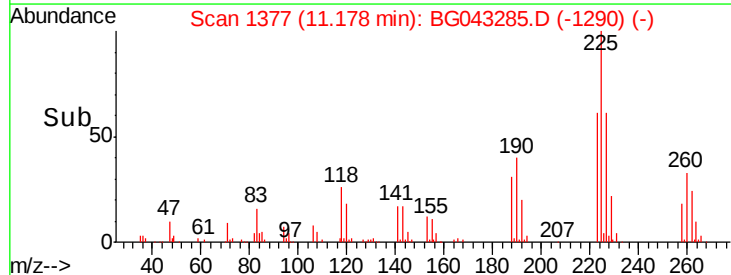
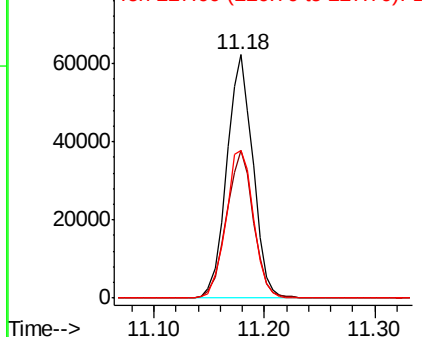


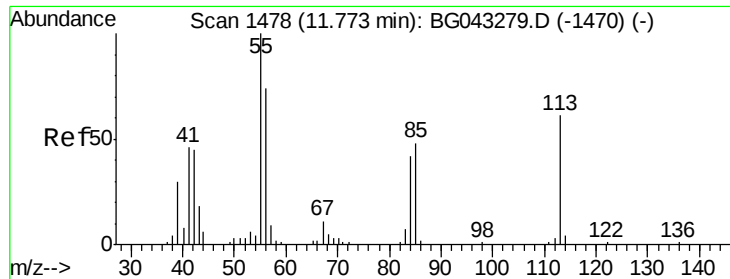
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 10.999 ng/mL

RT: 11.84 min Scan# 1489

Delta R.T. 0.04 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

ClientSampleId :

PB124106BSD

Tot Ion: 113 Resp: 11188

Ion Ratio Lower Upper

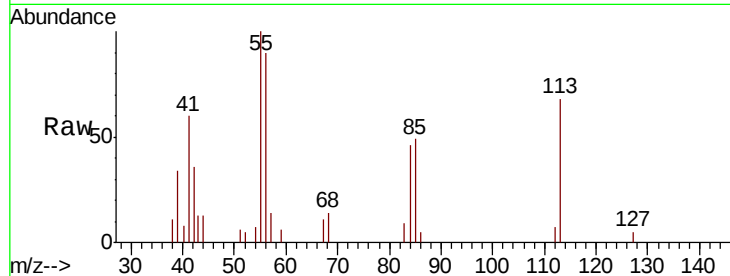
113 100

55 147.5 175.5 215.5#

56 133.0 142.3 182.3#

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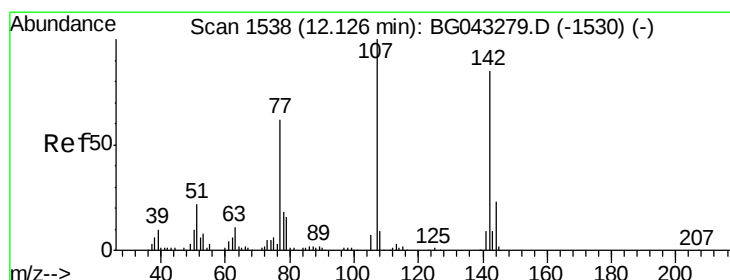
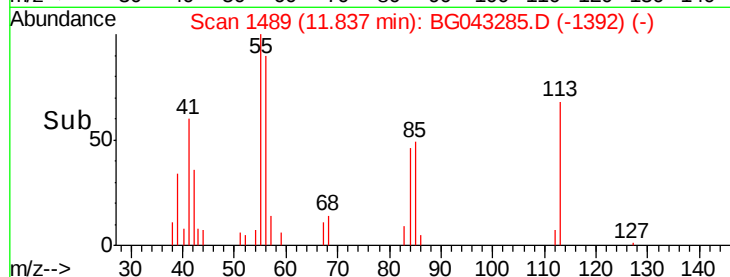
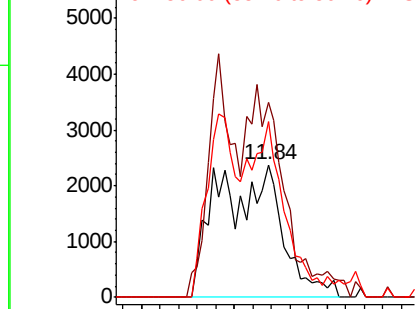


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.607 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

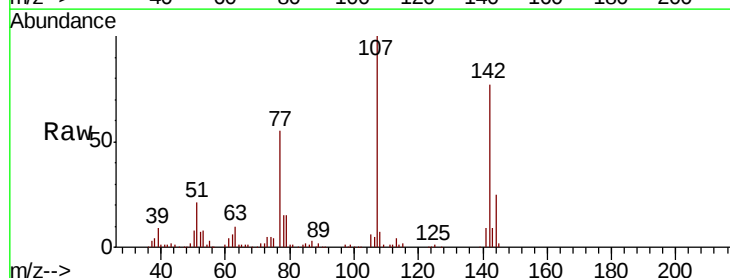
Tgt Ion: 107 Resp: 161850

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

142 77.1 58.6 87.8

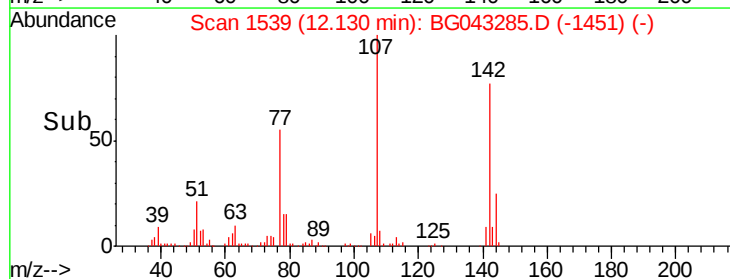
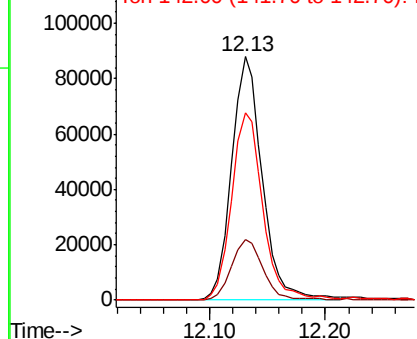


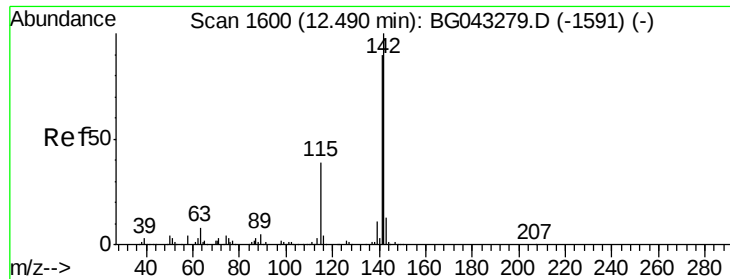
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





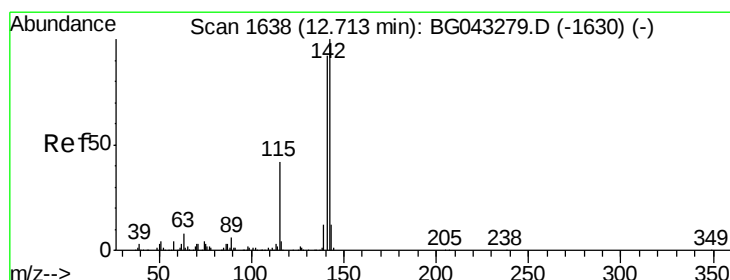
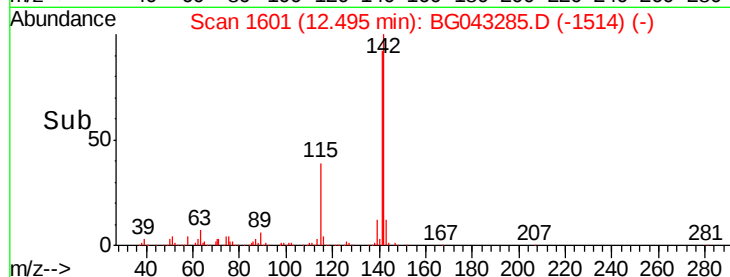
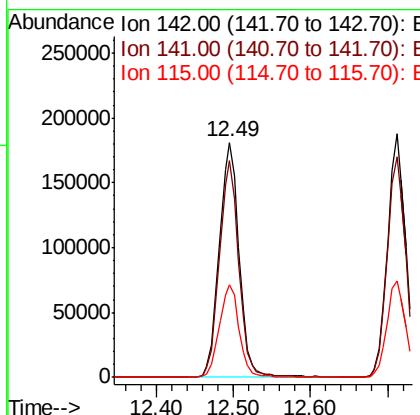
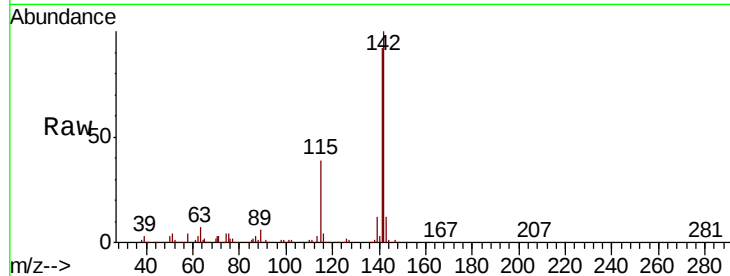
#37
 2-Methylnaphthalene
 Concen: 47.613 ng
 RT: 12.49 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	69.0	103.4
115	39.3	32.8	49.2

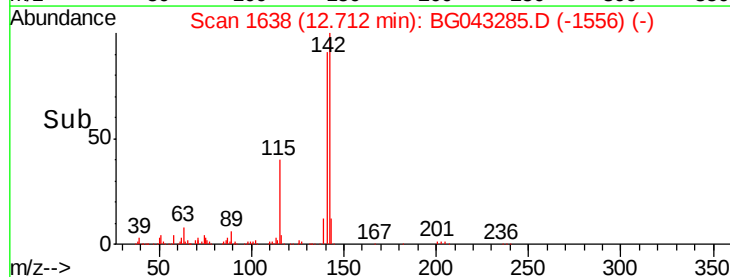
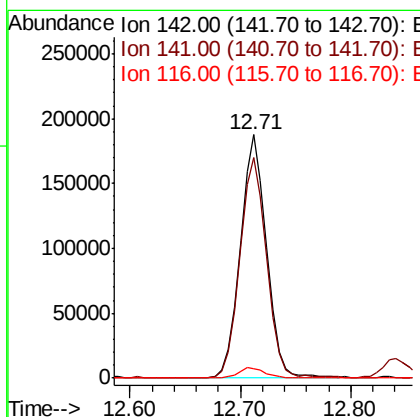
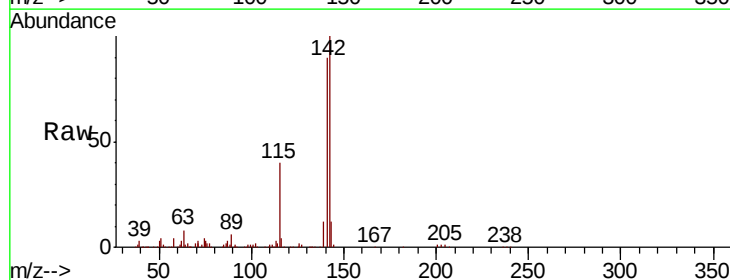
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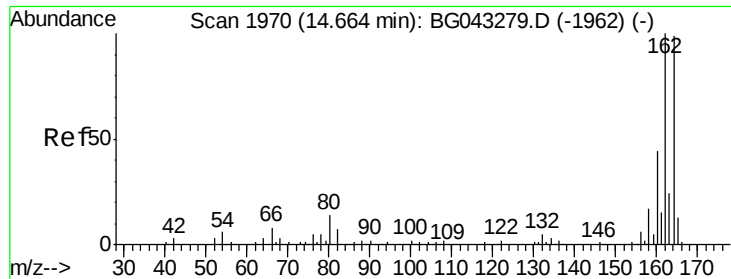
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#38
 1-Methylnaphthalene
 Concen: 48.236 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.9	112.3
116	3.8	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

ClientSampleId :

PB124106BSD

Tot Ion:164 Resp: 128766

Ion Ratio Lower Upper

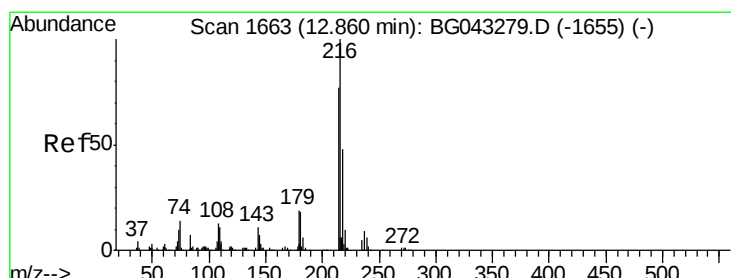
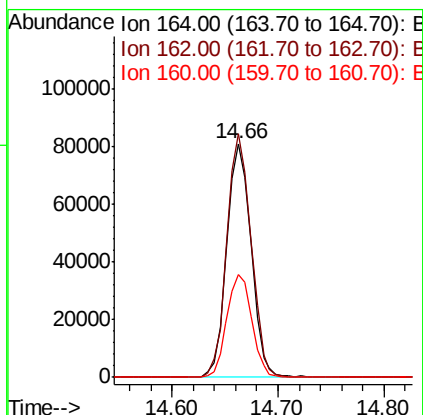
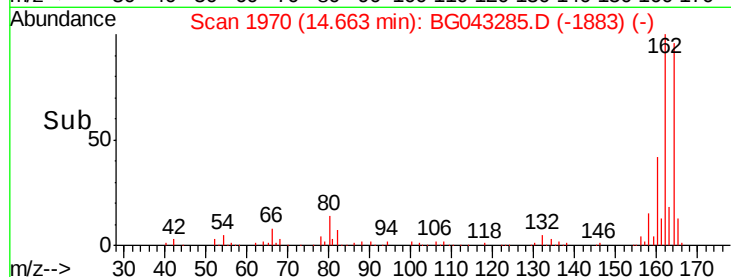
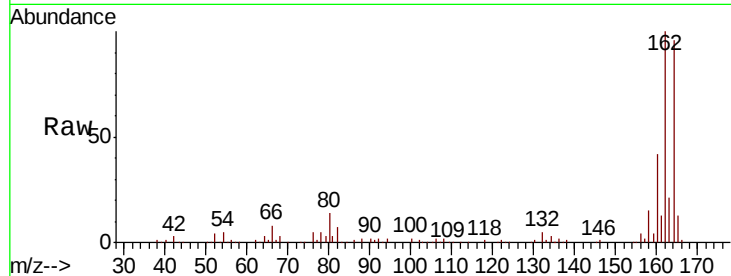
164 100

162 104.3 78.5 117.7

160 44.3 35.9 53.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.912 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:216 Resp: 207757

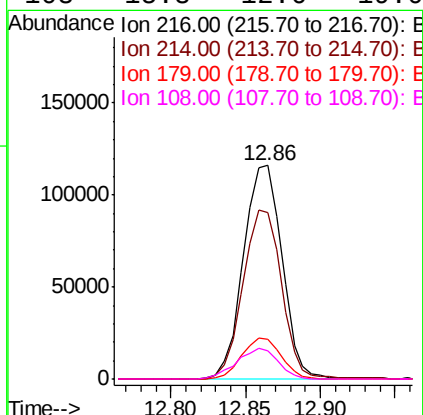
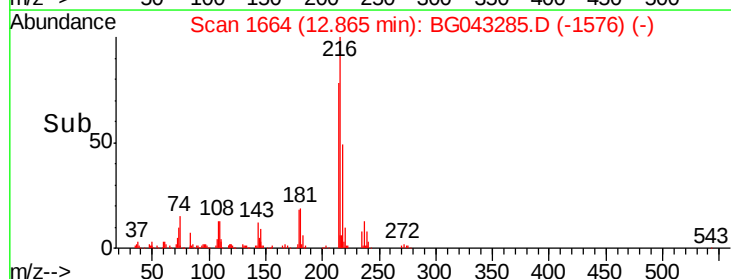
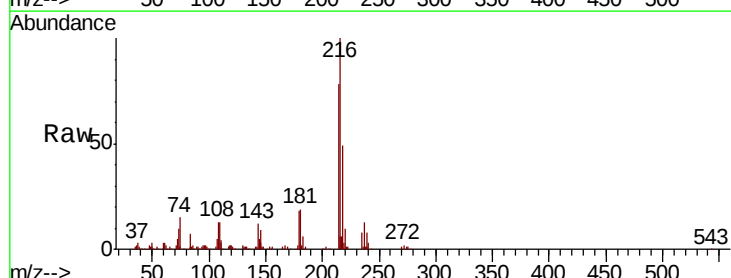
Ion Ratio Lower Upper

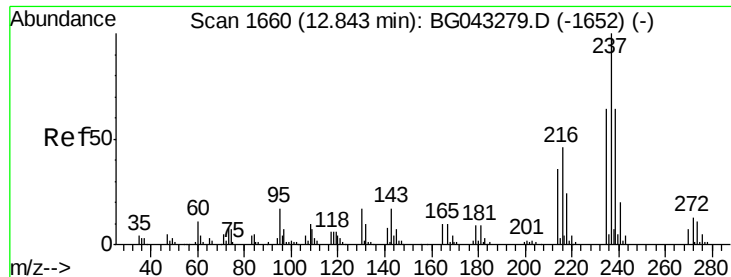
216 100

214 79.5 62.4 93.6

179 19.5 15.4 23.2

108 15.8 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 78.095 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

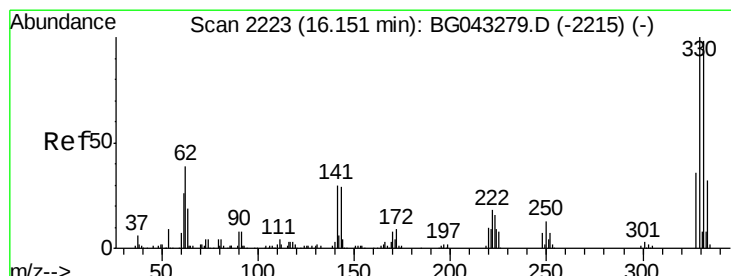
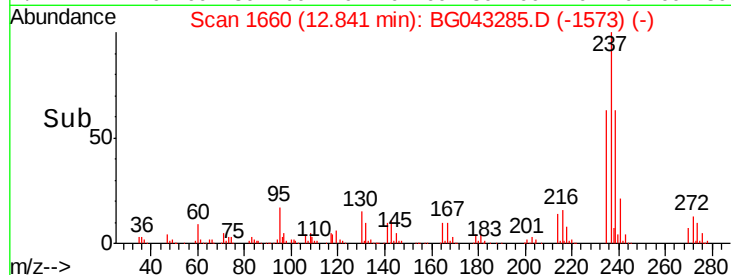
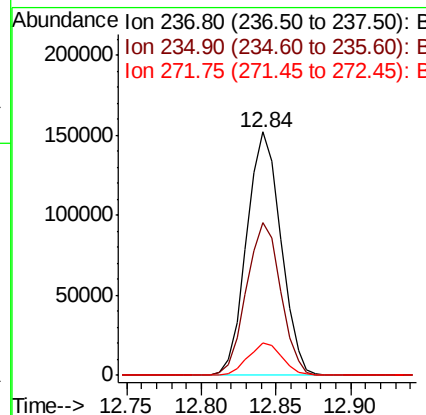
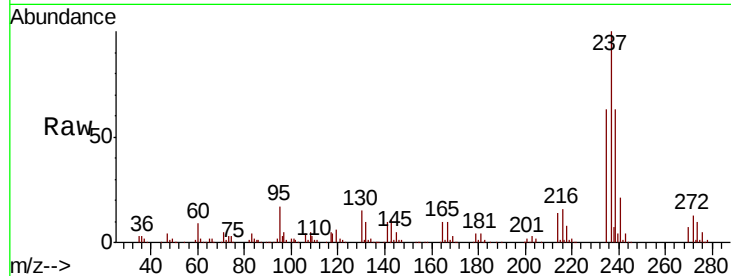
ClientSampleId :

PB124106BSD

Tot Ion:	237	Resp:	240907
Ion Ratio	Lower	Upper	
237	100		
235	62.9	46.7	86.7
272	13.3	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 104.550 ng

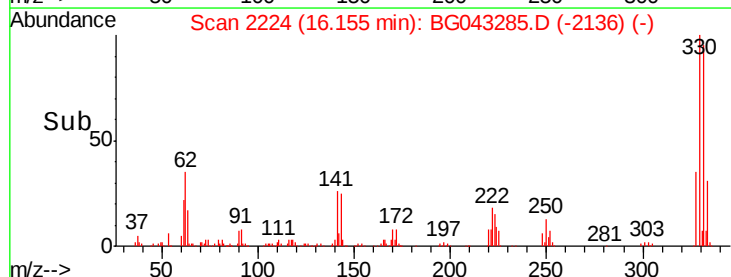
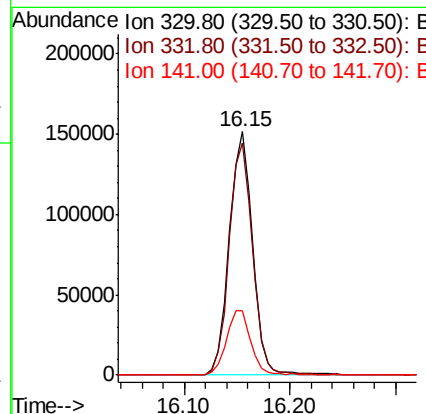
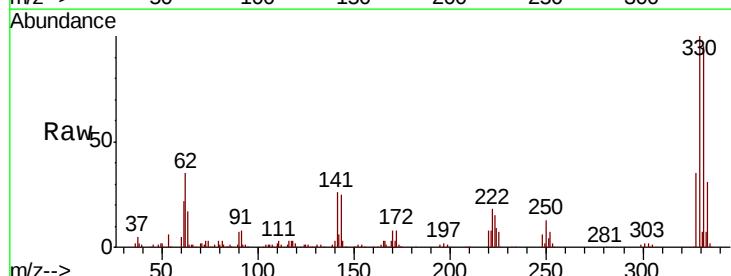
RT: 16.15 min Scan# 2224

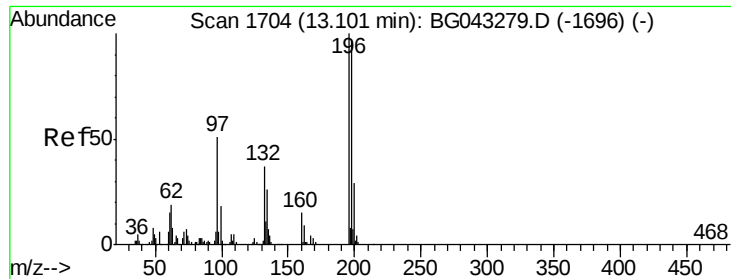
Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	330	Resp:	231496
Ion Ratio	Lower	Upper	
330	100		
332	95.6	78.2	117.2
141	27.6	26.0	39.0





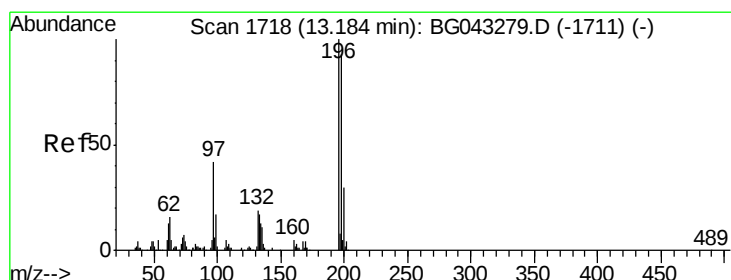
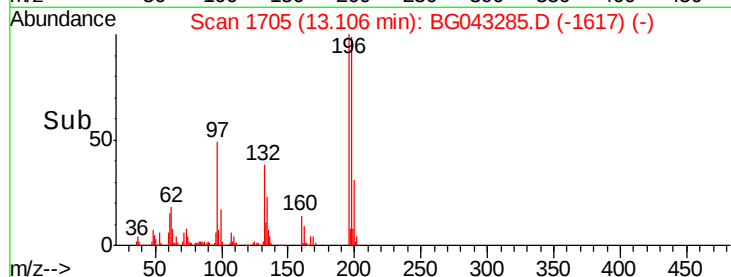
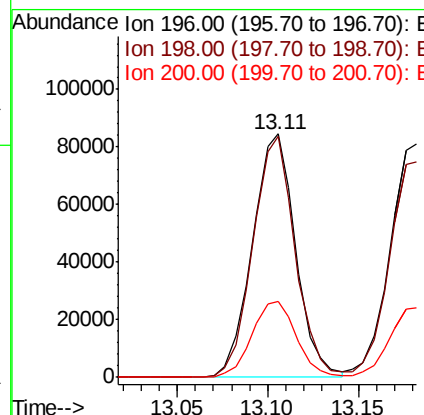
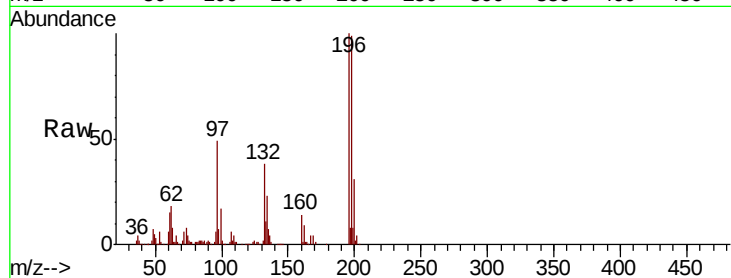
#43
 2,4,6-Trichlorophenol
 Concen: 49.692 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	140814		
198	99.3	75.5	113.3	
200	31.3	24.9	37.3	

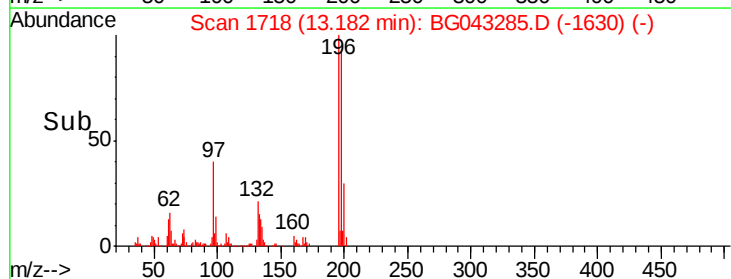
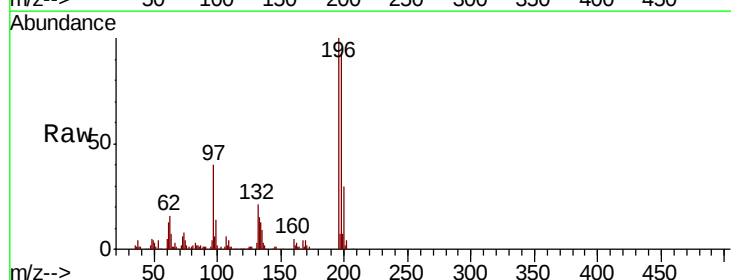
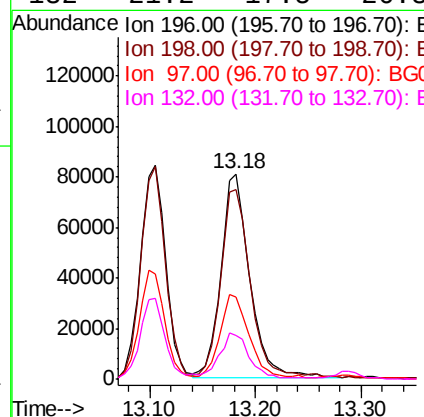
Manual Integrations
 APPROVED

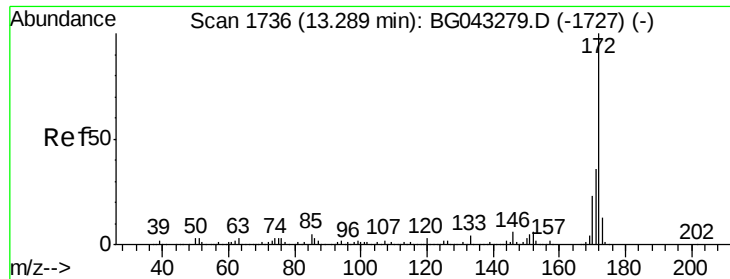
mohammad
 10/20/2019 8:15:14 PM



#44
 2,4,5-Trichlorophenol
 Concen: 52.679 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153782		
198	92.0	75.1	112.7	
97	40.2	37.0	55.4	
132	21.2	17.5	26.3	





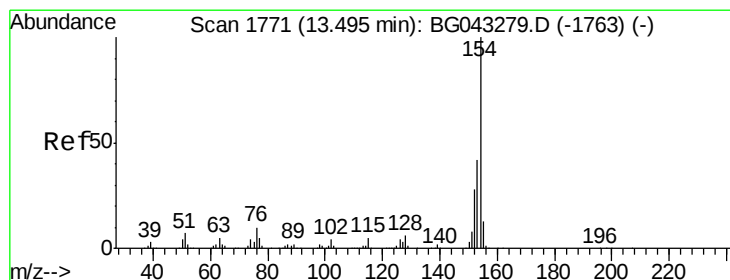
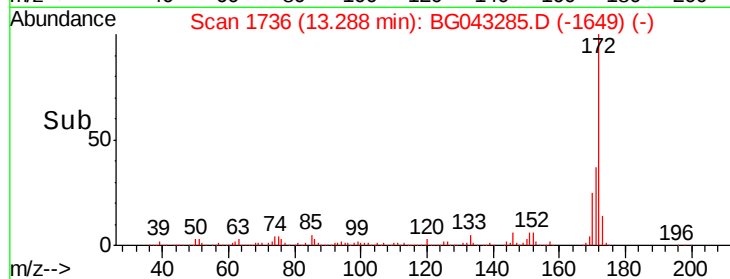
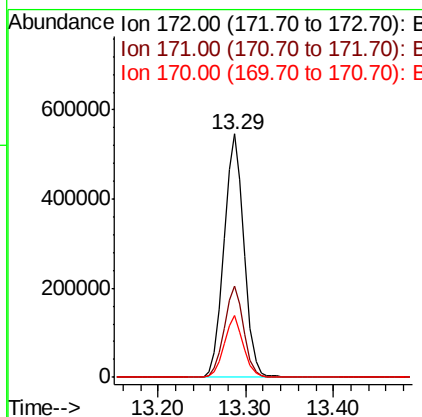
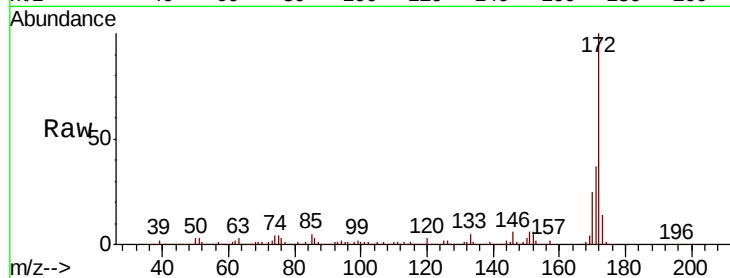
#45
2-Fluorobiphenyl
Concen: 96.896 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	25.3	19.6	29.4

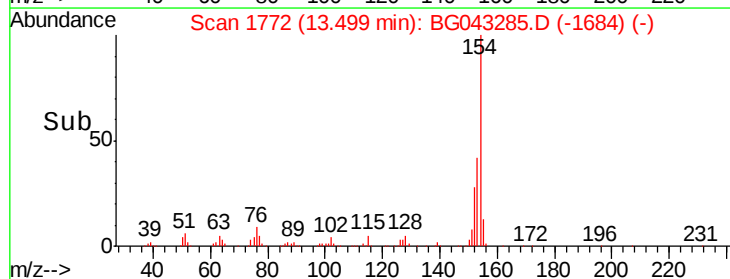
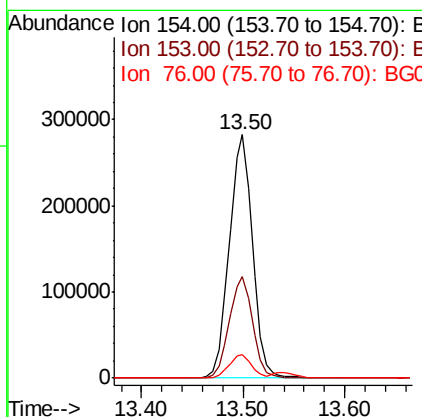
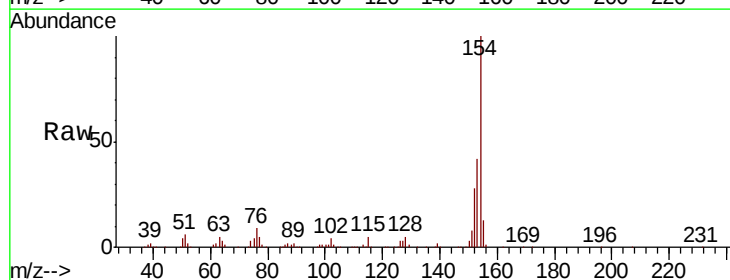
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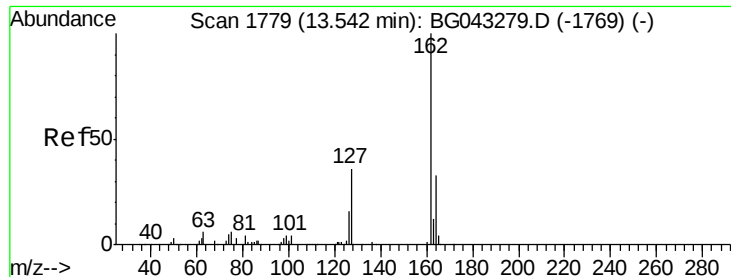
mohammad
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#46
1,1'-Biphenyl
Concen: 45.779 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.4	61.4
76	9.4	0.0	31.3





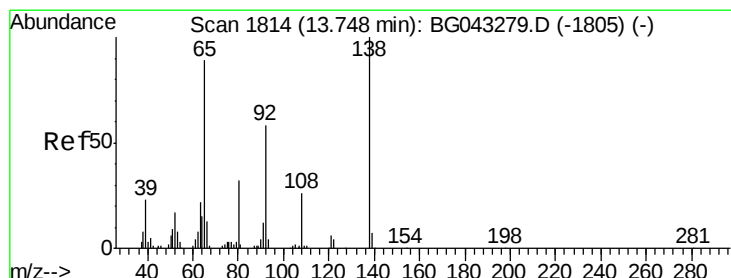
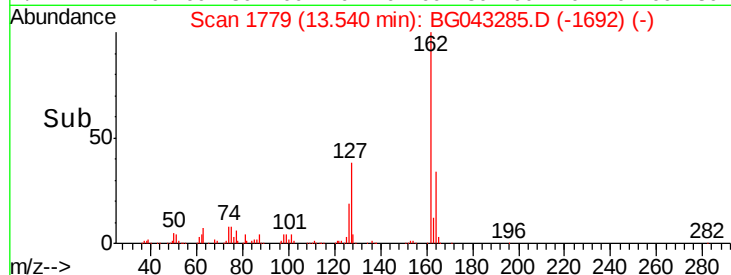
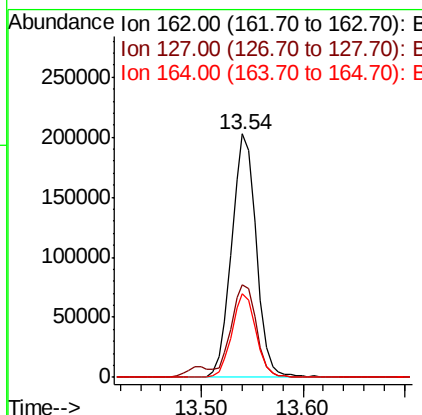
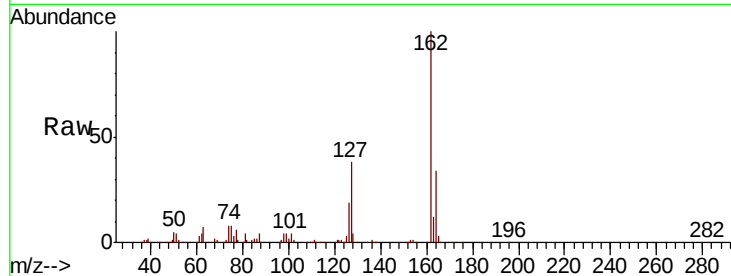
#47
2-Chloronaphthalene
Concen: 46.570 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.0	31.0	46.6	
164	34.1	26.2	39.2	

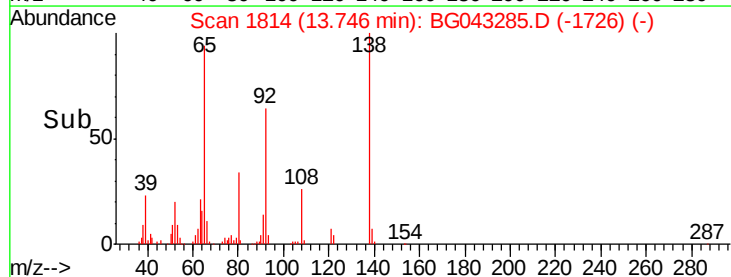
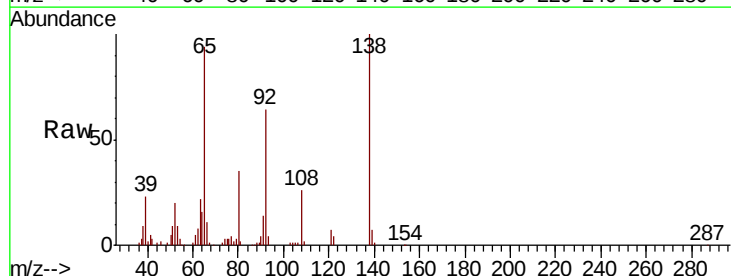
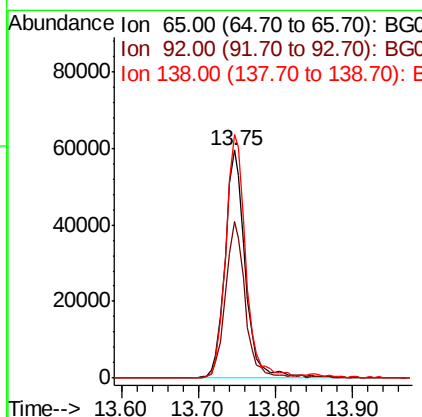
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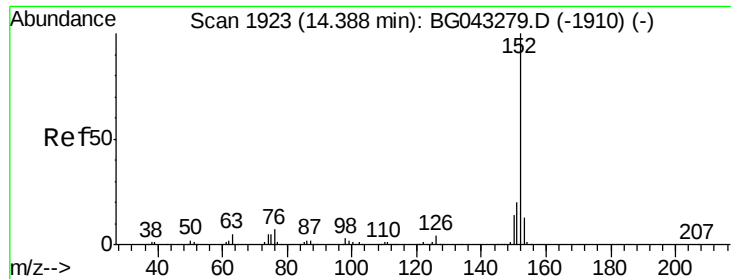
mohammad
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#48
2-Nitroaniline
Concen: 44.953 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.5	52.0	78.0	
138	106.7	70.4	105.6	





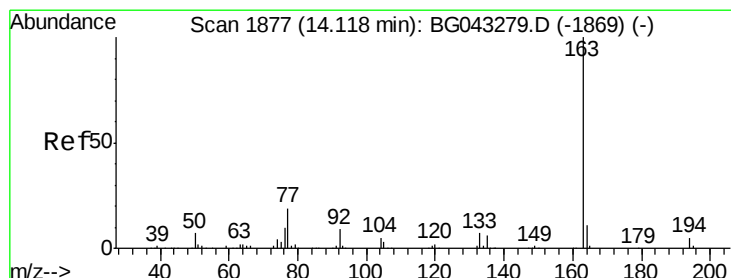
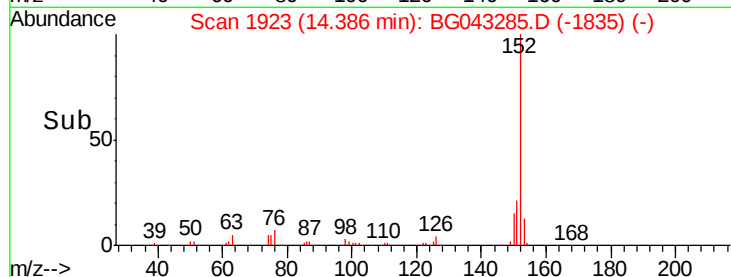
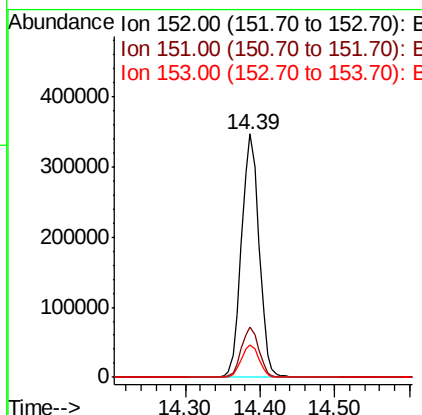
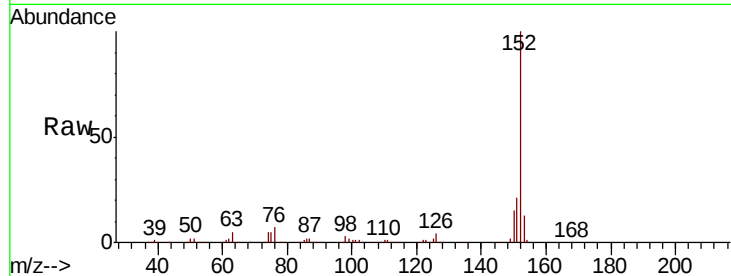
#49
Acenaphthylene
Concen: 50.447 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	11.3	16.9

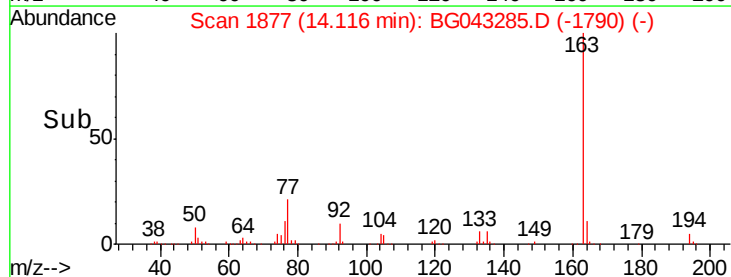
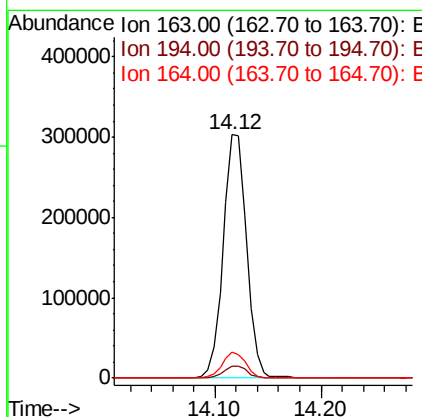
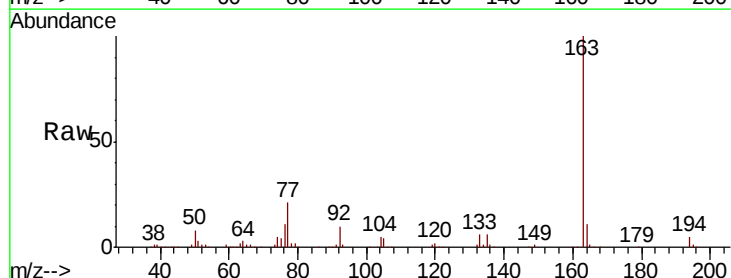
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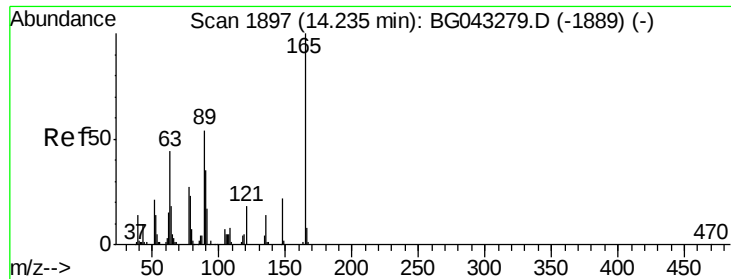
mohammad
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#50
Dimethylphthalate
Concen: 48.258 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.4	6.6
164	10.7	8.6	12.8





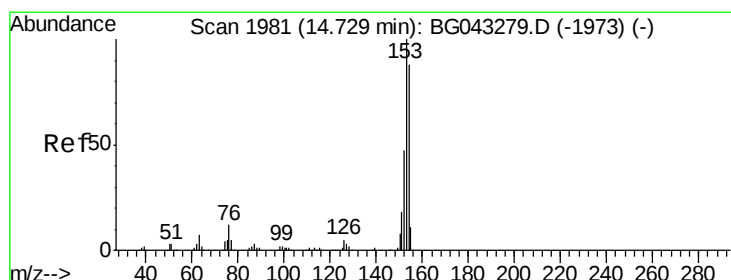
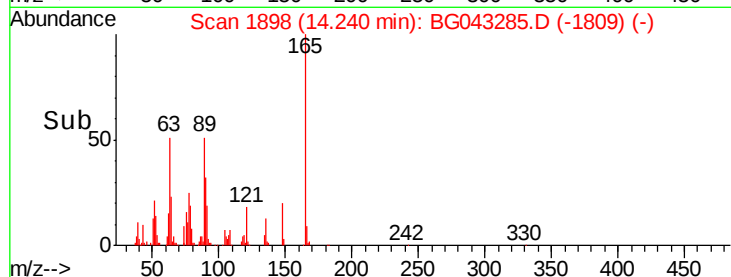
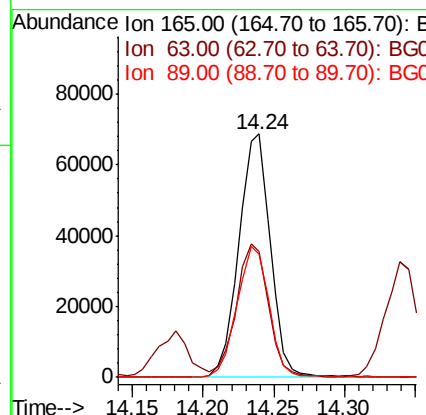
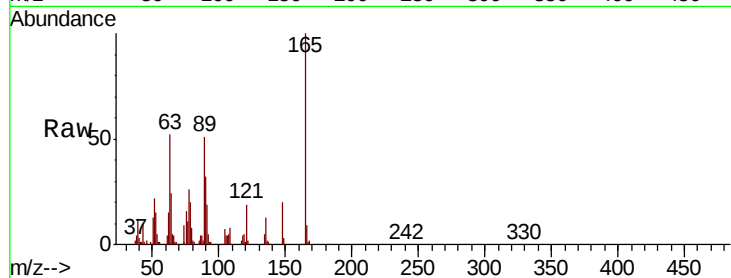
#51
2,6-Dinitrotoluene
Concen: 52.114 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	50.3	75.5
89	50.9	48.9	73.3

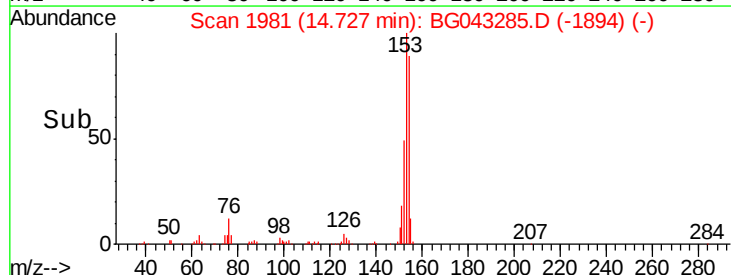
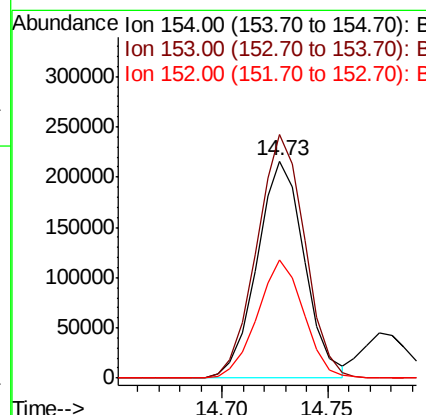
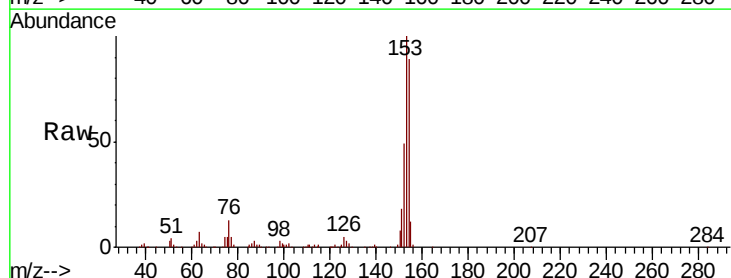
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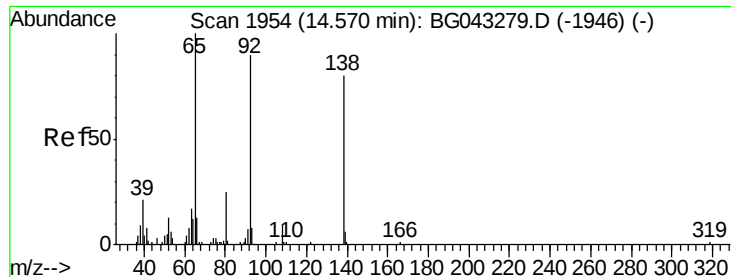
mohammad
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#52
Acenaphthene
Concen: 45.007 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.4	137.0
152	54.5	42.8	64.2





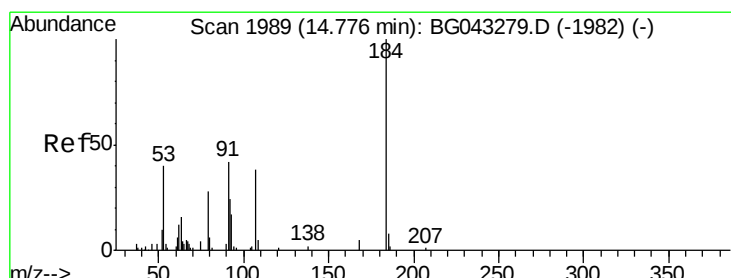
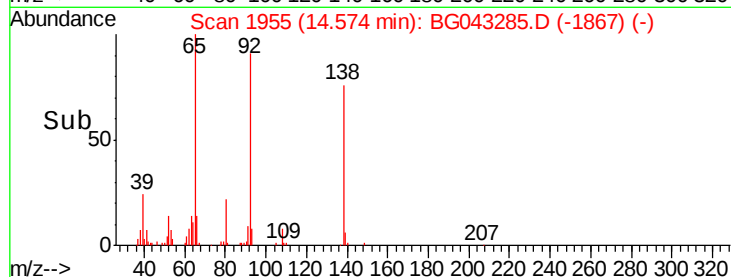
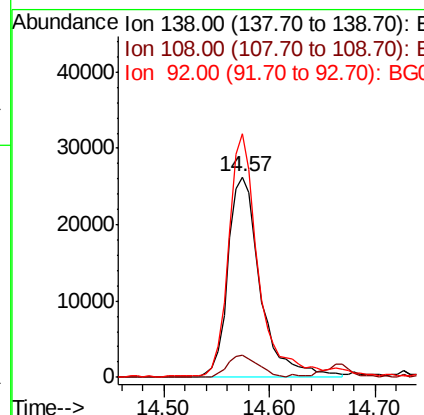
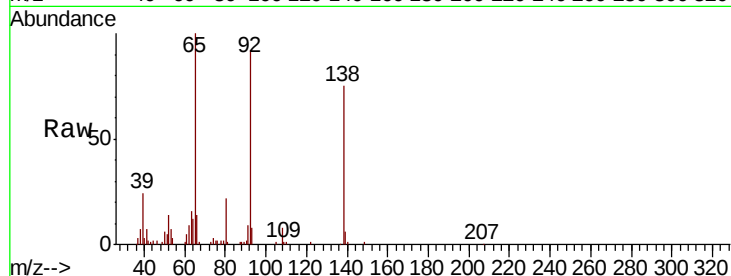
#53
3-Nitroaniline
Concen: 26.207 ng
RT: 14.57 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.9	11.9
92	121.5	97.0	145.6

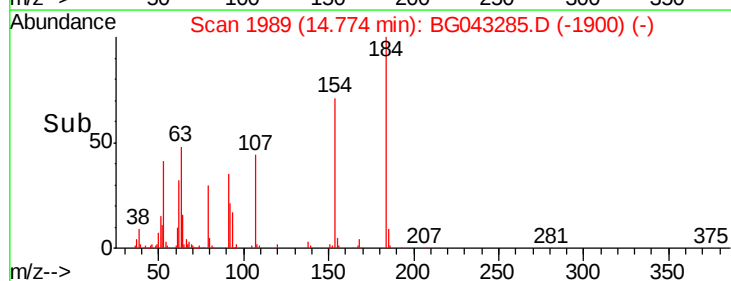
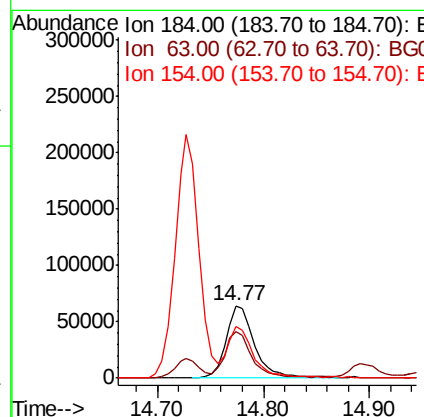
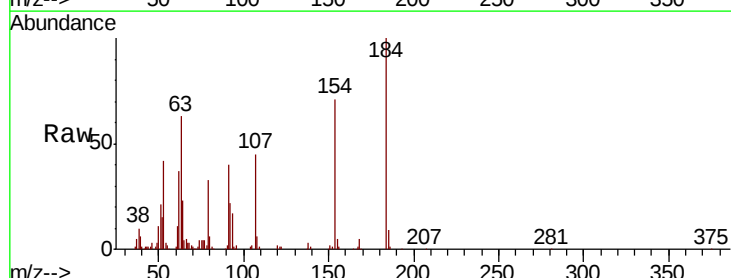
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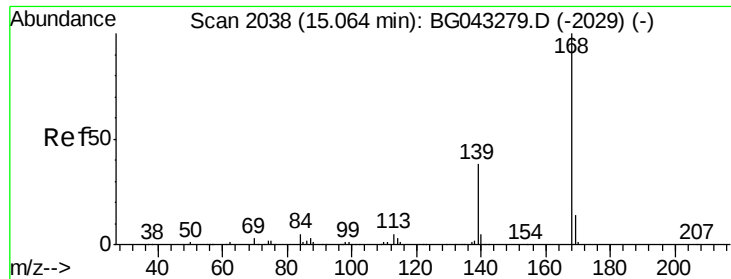
mohammad
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#54
2,4-Dinitrophenol
Concen: 94.467 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.4	55.0	82.6
154	70.8	56.5	84.7





#55

Dibenzofuran

Concen: 49.879 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

ClientSampleId :

PB124106BSD

Tot Ion:168 Resp: 553272

Ion Ratio Lower Upper

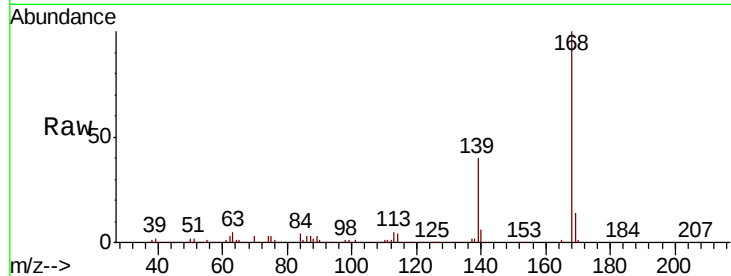
168 100

139 40.0 32.6 48.8

169 13.8 11.2 16.8

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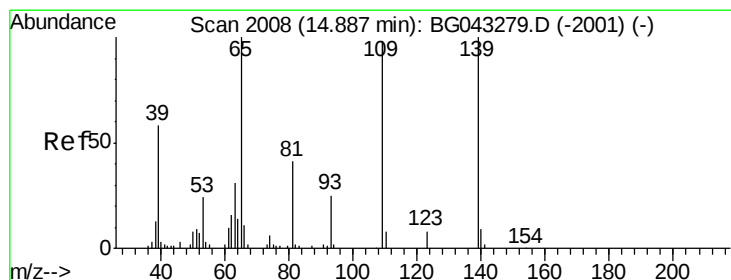
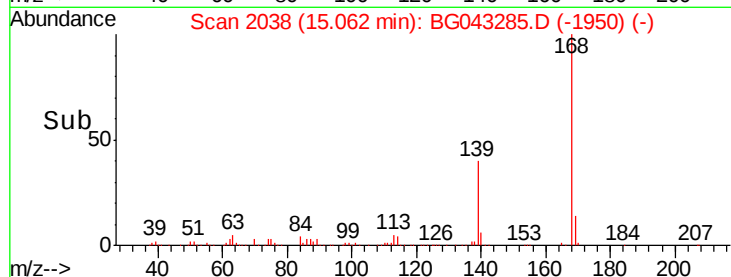
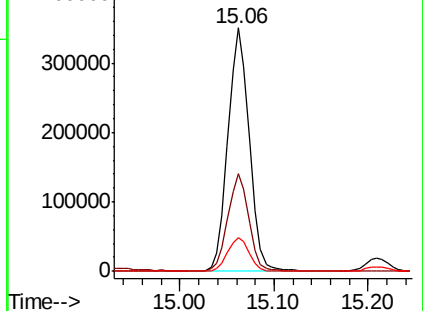
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 48.872 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

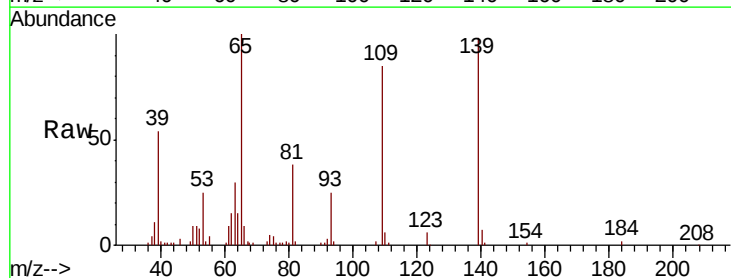
Tgt Ion:139 Resp: 79067

Ion Ratio Lower Upper

139 100

109 87.3 79.4 119.4

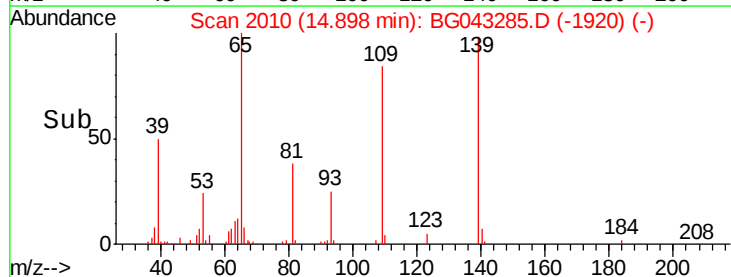
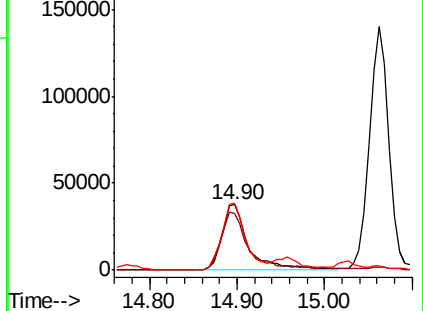
65 102.3 92.5 132.5

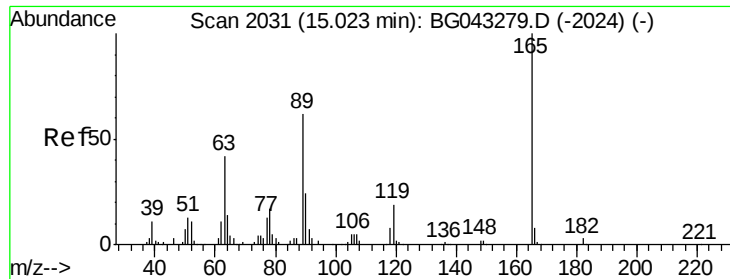


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





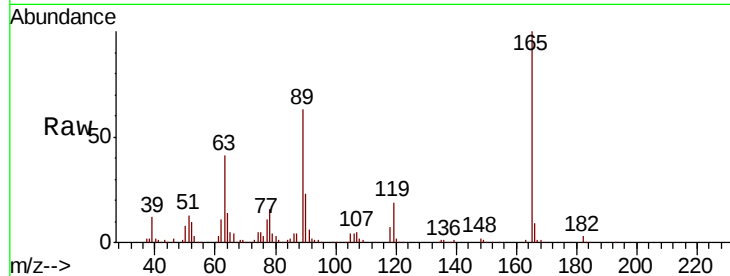
#57
 2,4-Dinitrotoluene
 Concen: 50.442 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

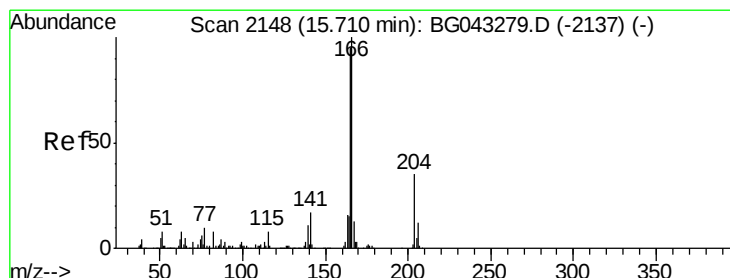
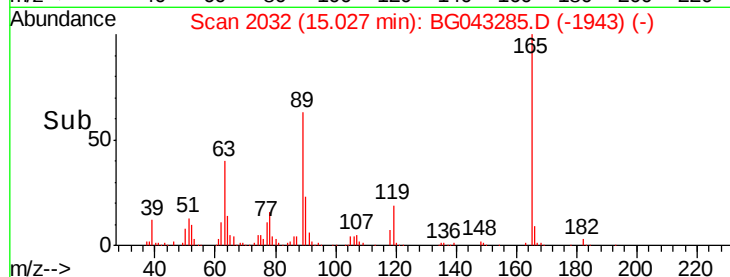
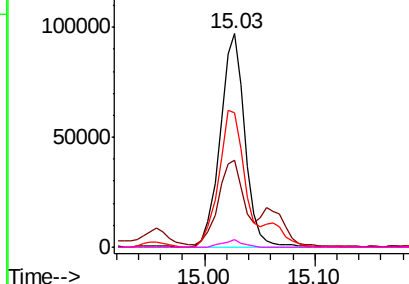
Tot Ion:	165	Resp:	151767
Ion Ratio	Lower	Upper	
165	100		
63	40.5	36.5	54.7
89	63.1	55.5	83.3
182	3.5	2.4	3.6

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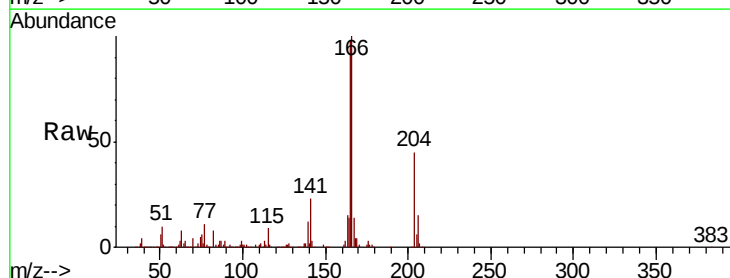


Abundance Ion 165.00 (164.70 to 165.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

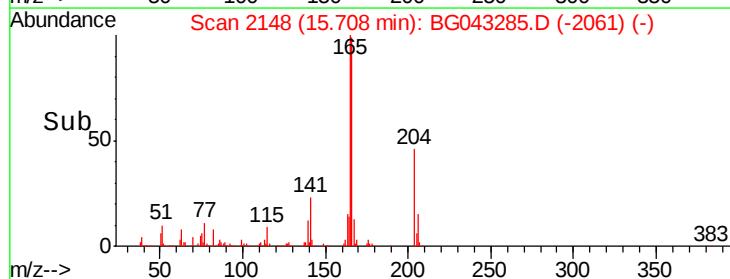
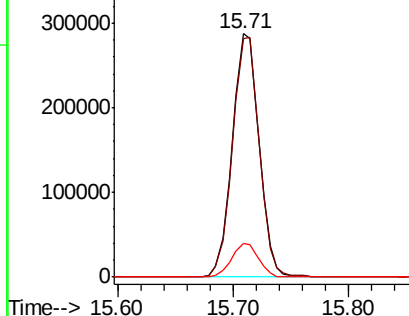


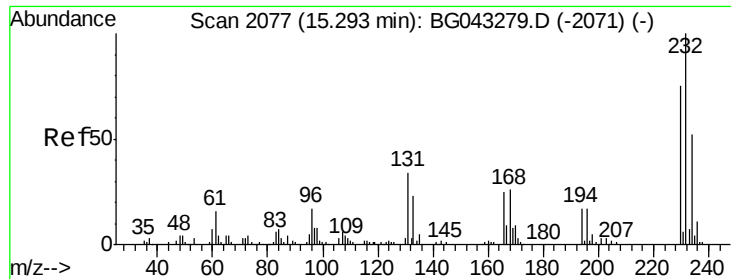
#58
 Fluorene
 Concen: 48.891 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion:	166	Resp:	463006
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.1	115.7
167	13.9	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 400000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





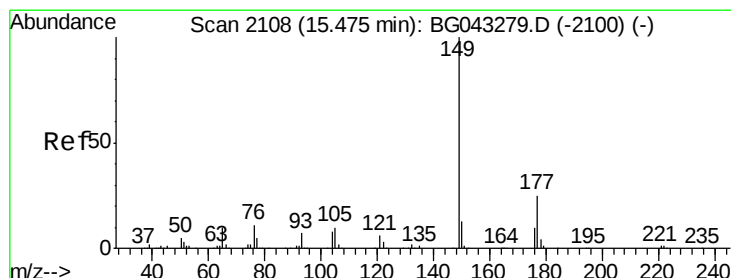
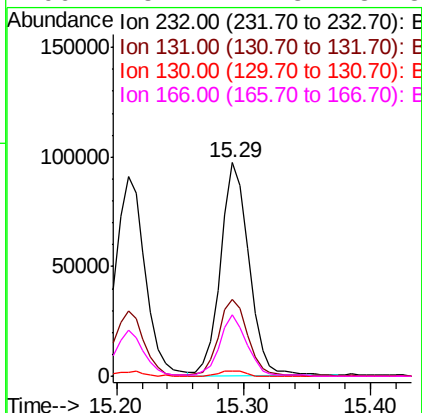
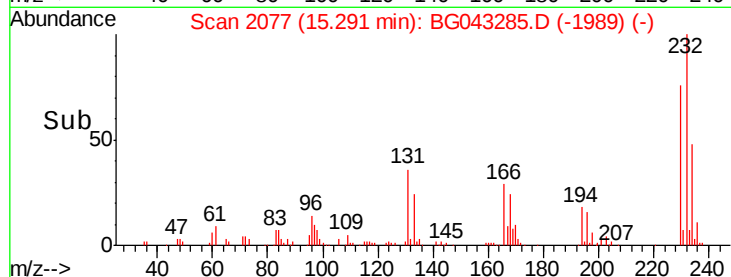
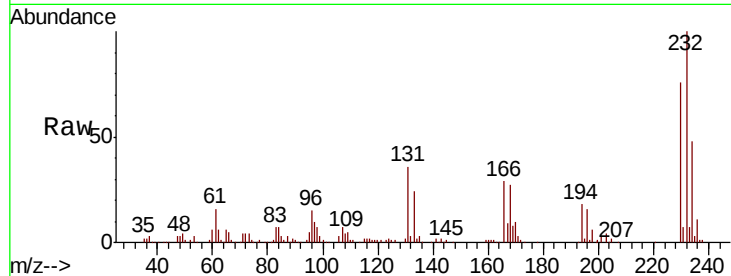
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.181 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	149756		
131	36.8		29.6	44.4
130	2.2		1.9	2.9
166	28.4		21.8	32.8

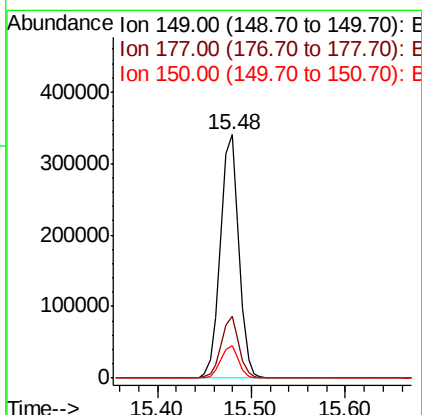
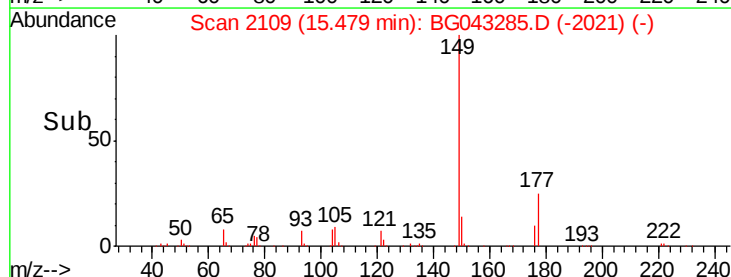
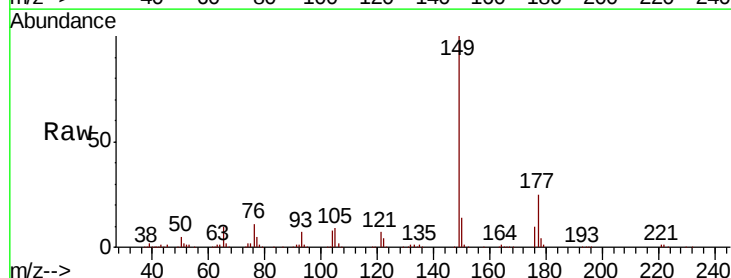
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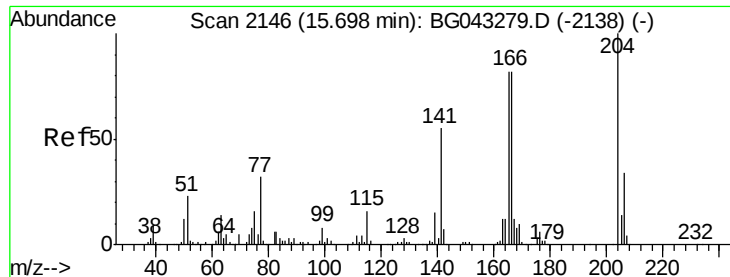
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#60
 Diethylphthalate
 Concen: 47.670 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	468056		
177	25.4		18.8	28.2
150	13.5		10.6	15.8





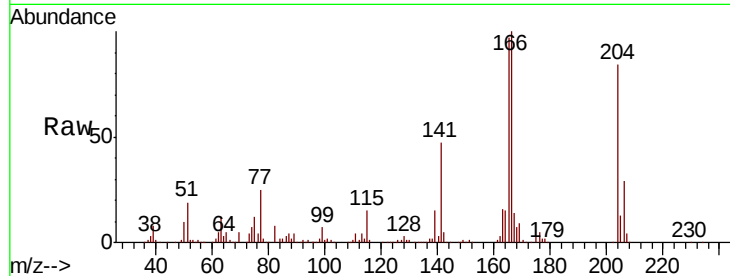
#61
4-Chlorophenyl-phenylether
Concen: 47.168 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.5	42.7
141	55.3	42.4	63.6

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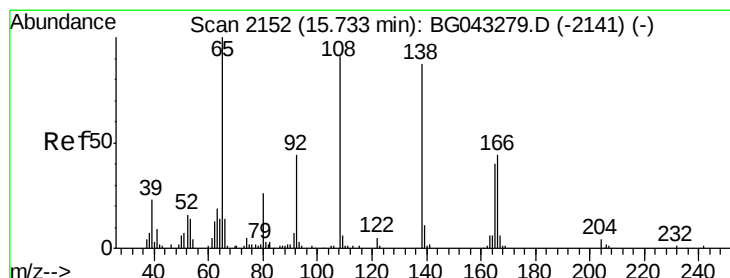
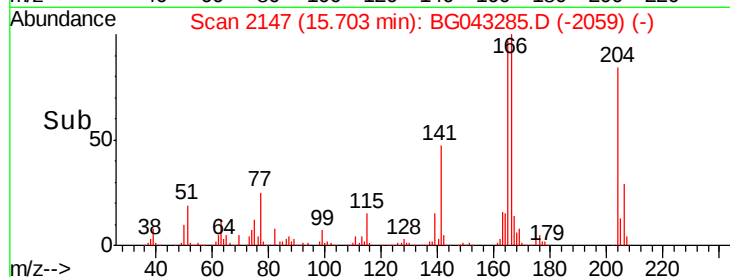
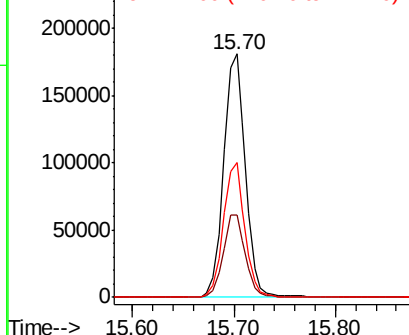


Abundance

Ion 204.00 (203.70 to 204.70): E

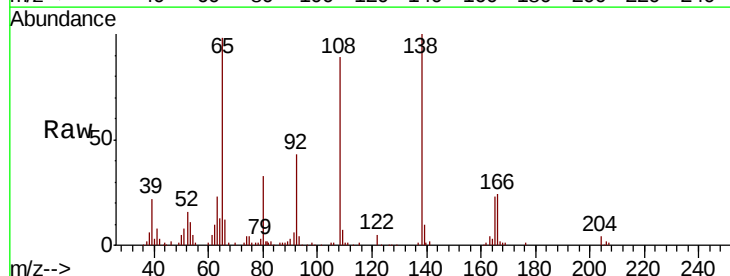
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.095 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	32.9	72.9
108	89.1	81.3	121.3

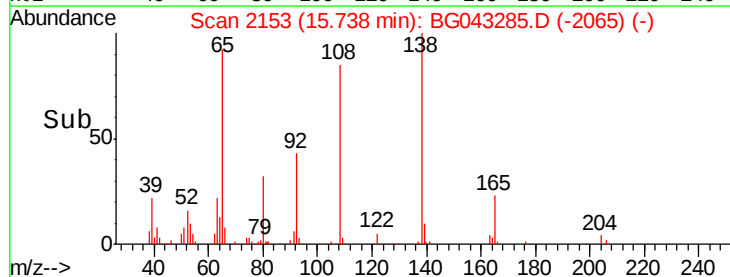
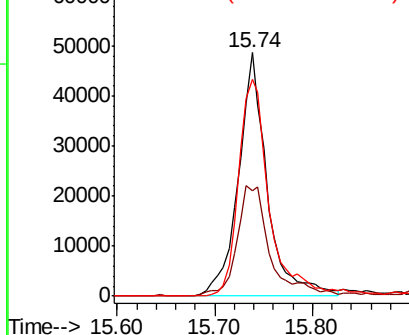


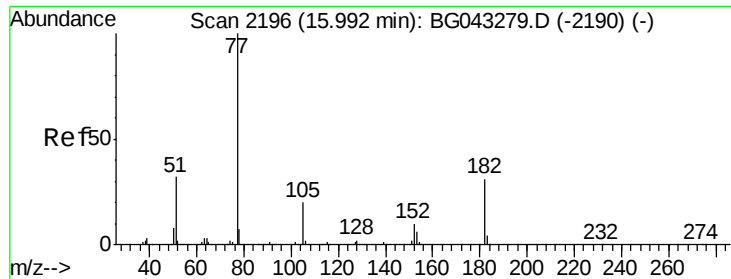
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





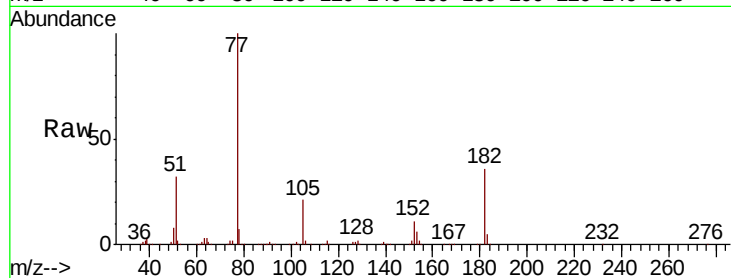
#63
Azobenzene
Concen: 43.274 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

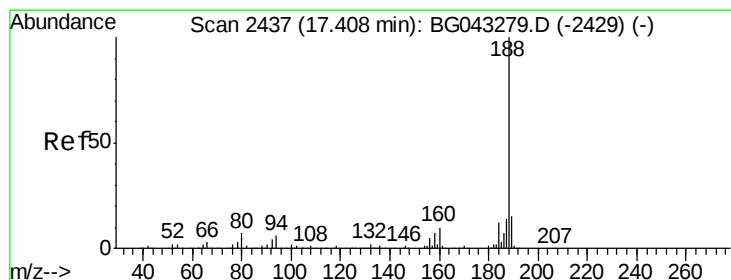
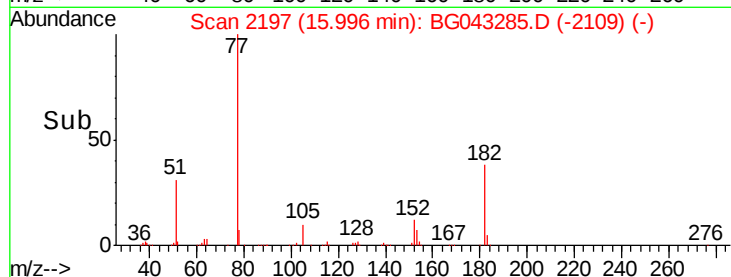
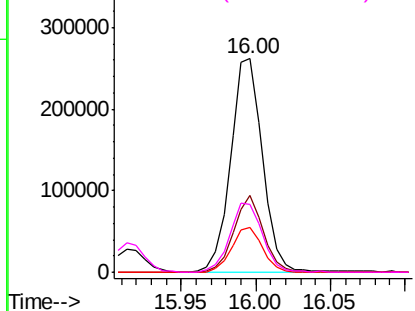
Tot Ion	Ratio	Lower	Upper
77	100		
182	35.7	10.2	50.2
105	21.1	0.0	39.1
51	31.9	13.9	53.9

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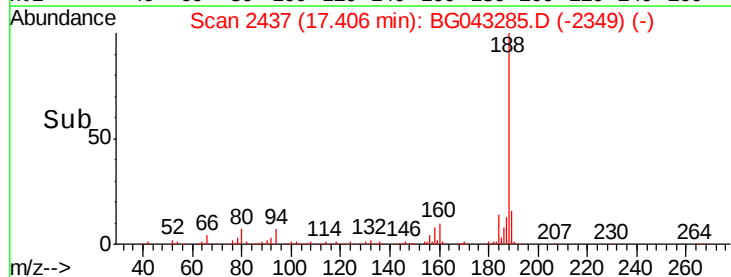
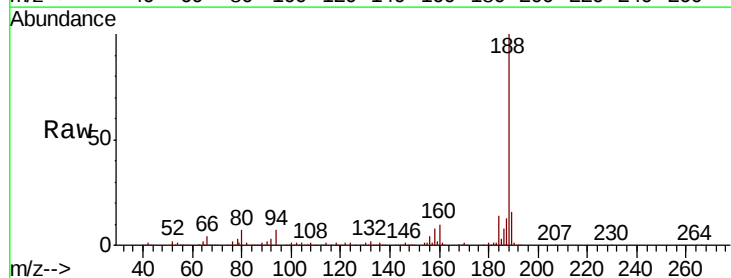
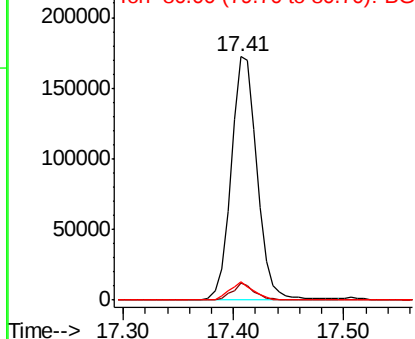
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

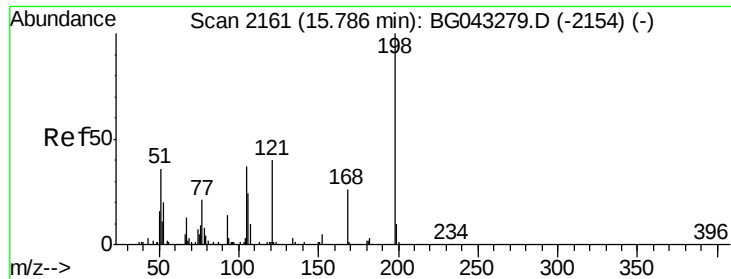


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.7	8.5
80	7.5	6.5	9.7

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





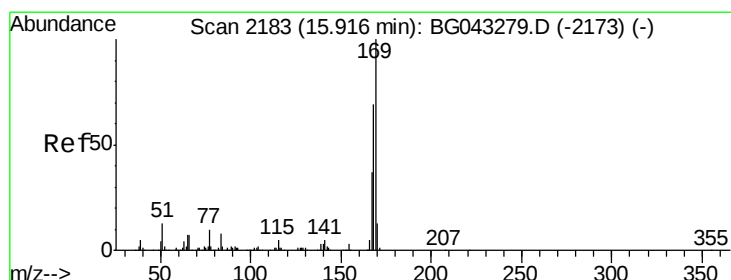
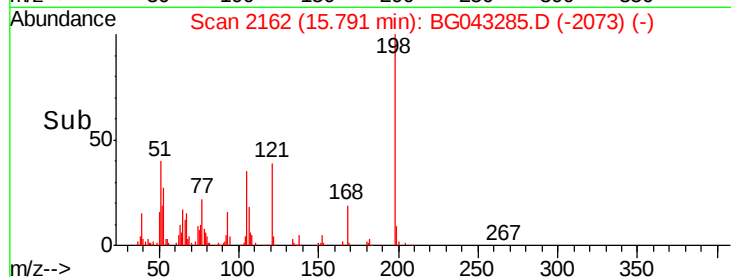
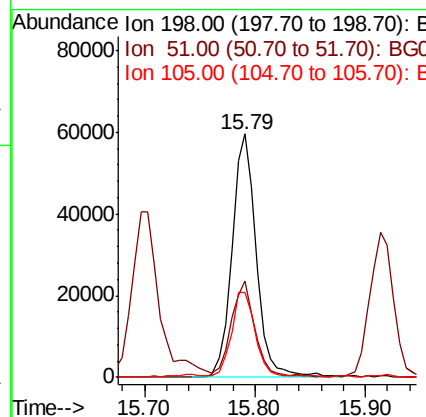
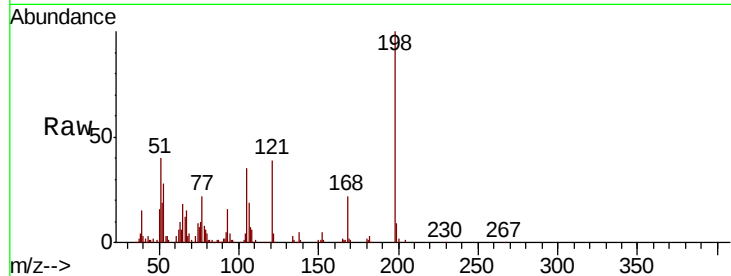
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.866 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	91567		
51	39.5		25.3	65.3
105	34.9		16.6	56.6

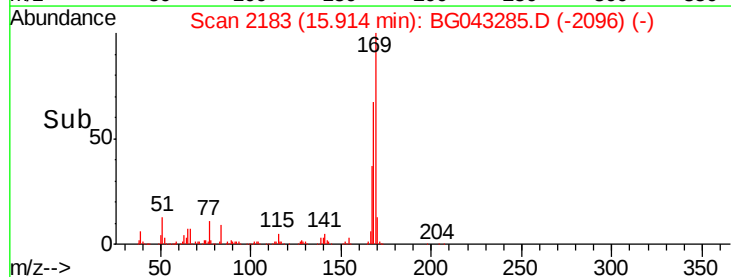
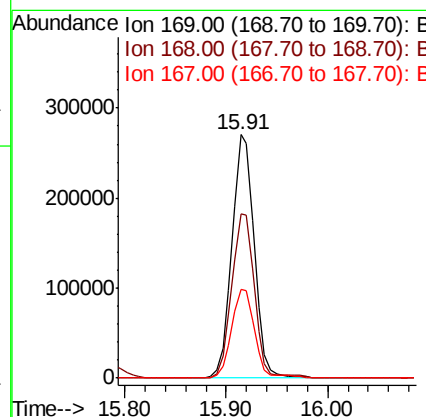
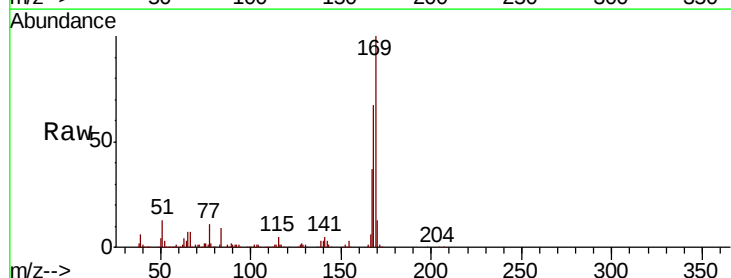
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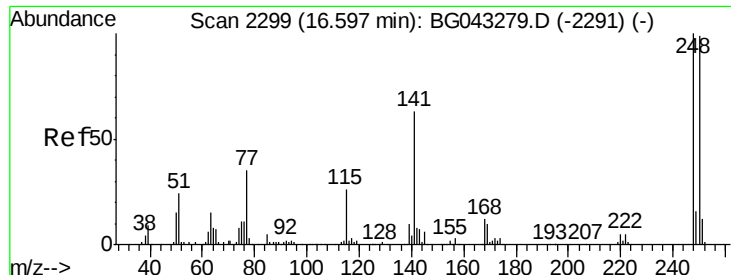
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#66
 n-Nitrosodiphenylamine
 Concen: 54.981 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	413012		
168	67.4		54.8	82.2
167	36.6		30.6	46.0





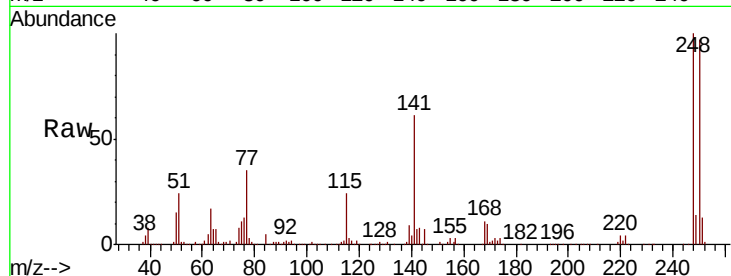
#67
4-Bromophenyl-phenylether
Concen: 53.137 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.8	113.8
141	61.3	51.1	76.7

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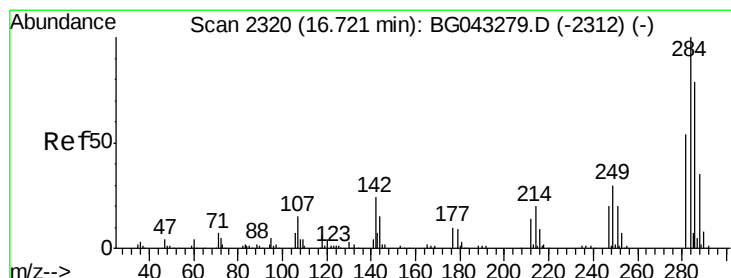
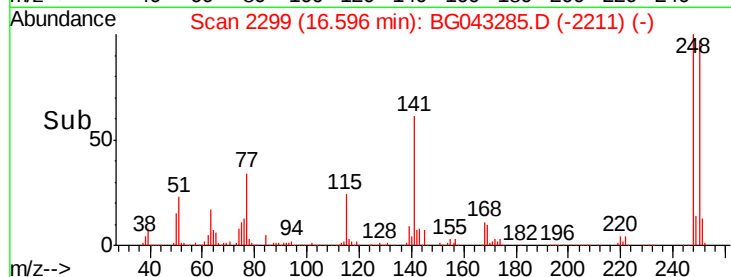
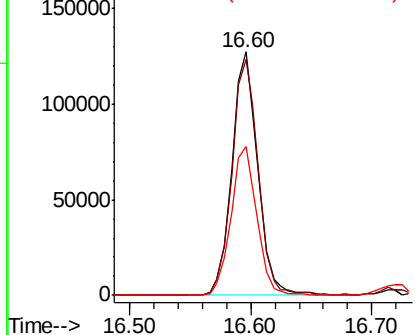


Abundance

Ion 248.00 (247.70 to 248.70): E

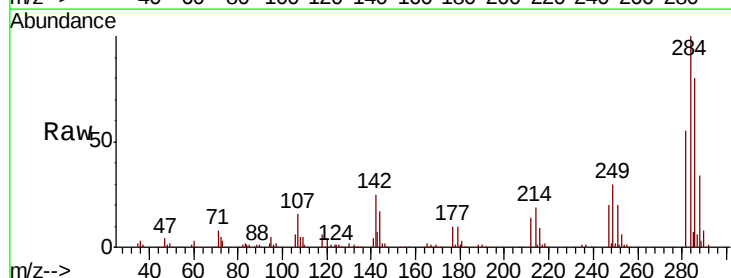
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 53.242 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	21.6	32.4
249	30.3	24.1	36.1

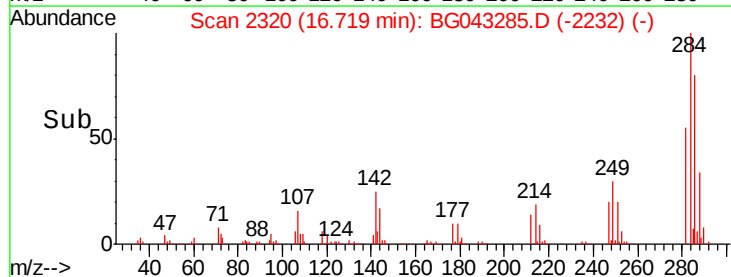
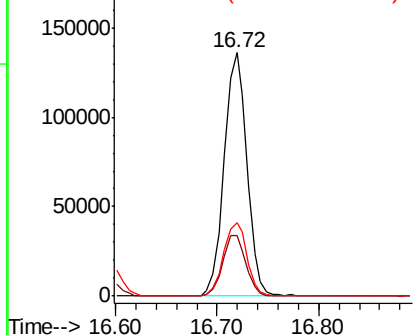


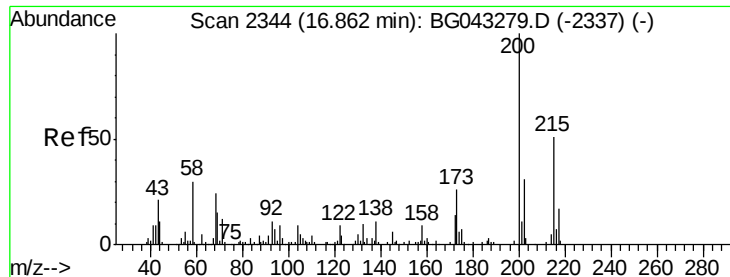
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





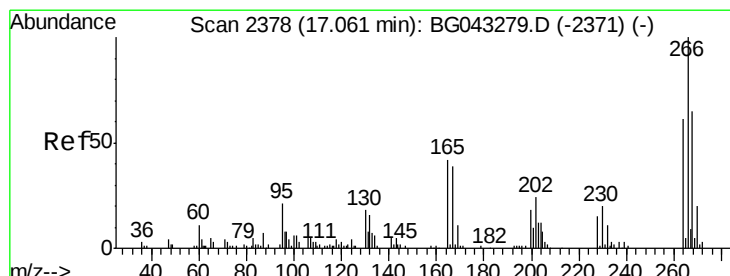
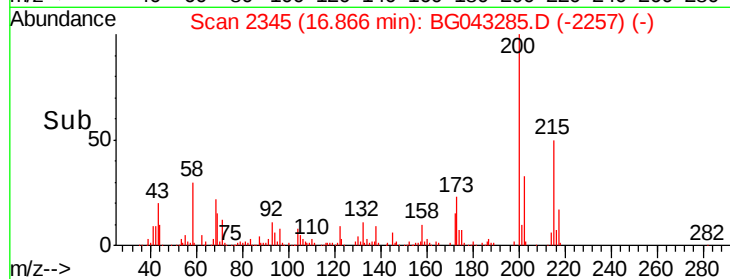
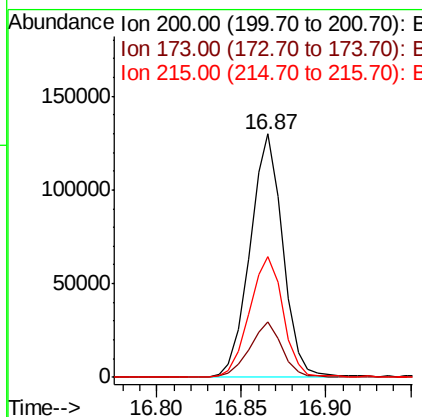
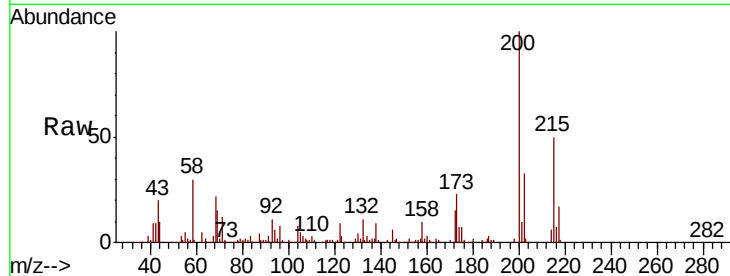
#69
 Atrazine
 Concen: 55.442 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion:	200	Resp:	175378
Ion Ratio	Lower	Upper	
200	100		
173	23.0	4.0	44.0
215	49.8	27.4	67.4

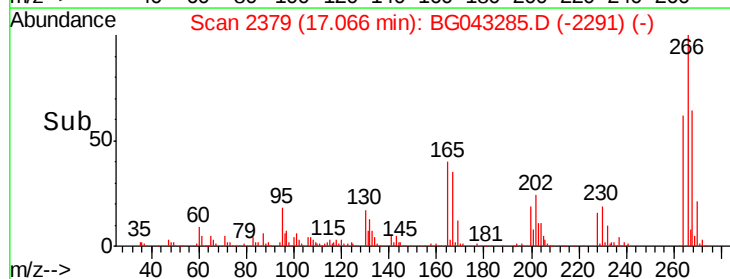
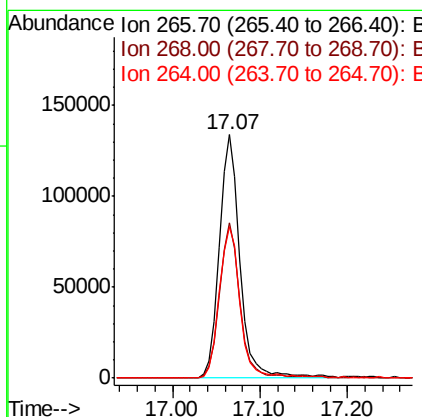
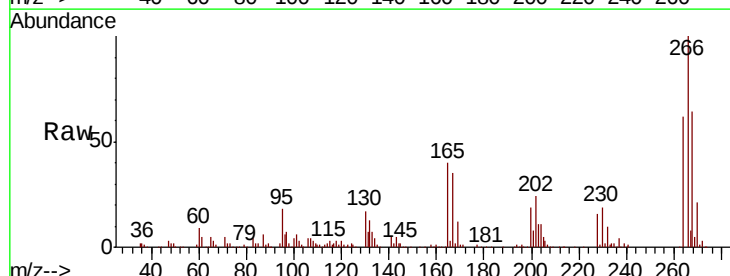
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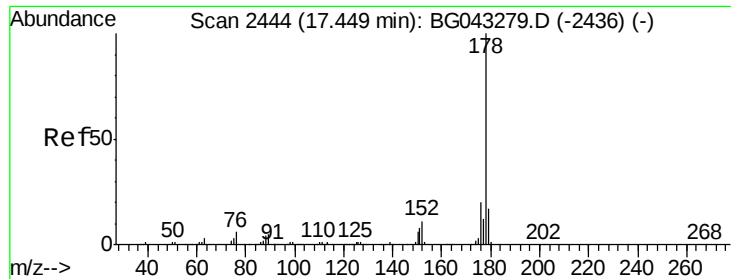
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#70
 Pentachlorophenol
 Concen: 95.702 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion:	266	Resp:	219597
Ion Ratio	Lower	Upper	
266	100		
268	63.7	52.2	78.2
264	62.0	50.7	76.1





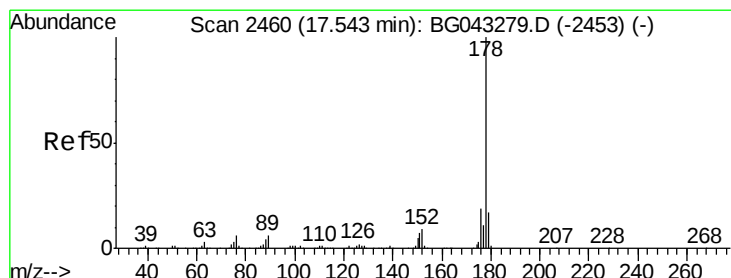
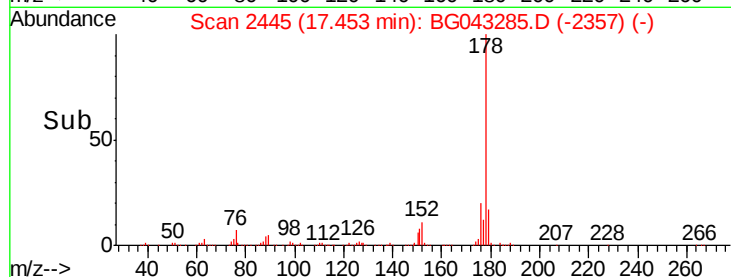
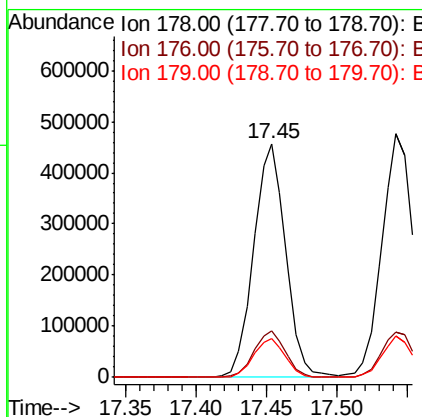
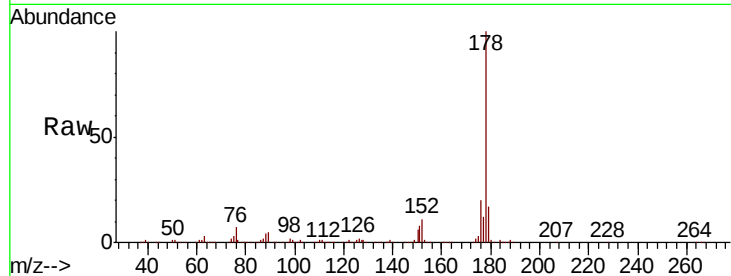
#71
Phenanthrene
Concen: 52.352 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	16.6	14.1	21.1

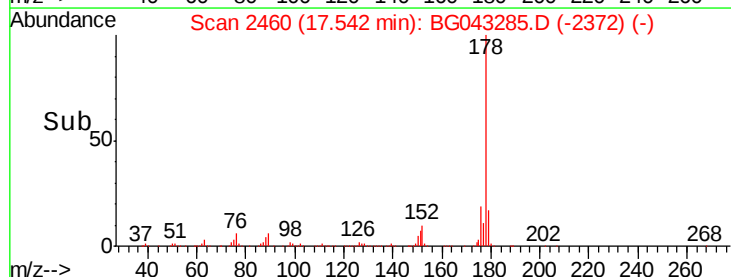
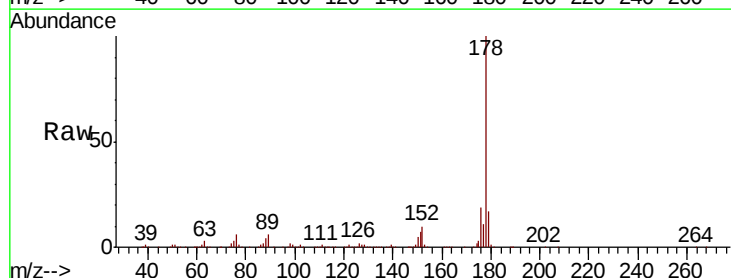
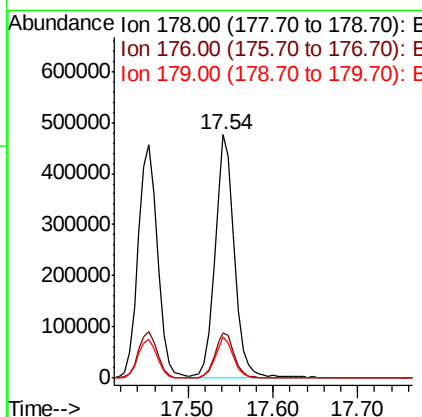
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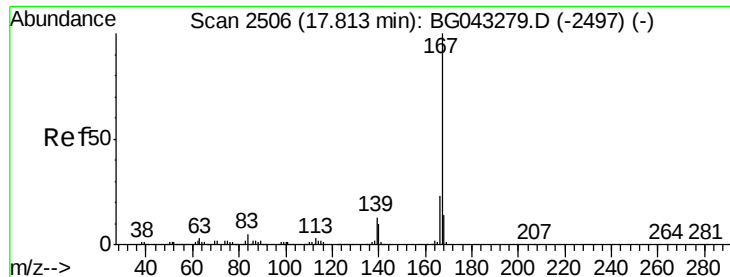
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#72
Anthracene
Concen: 55.047 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	16.8	13.5	20.3





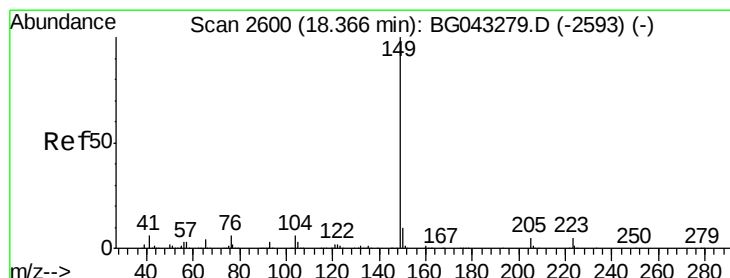
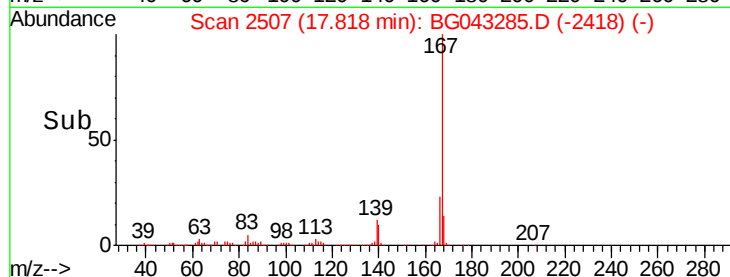
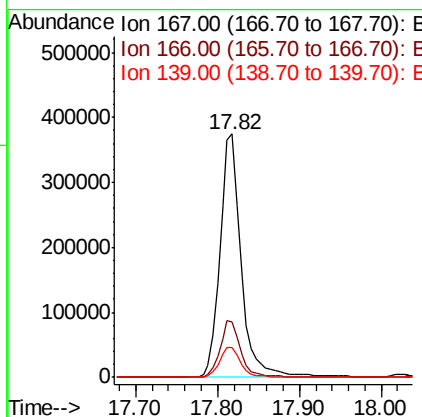
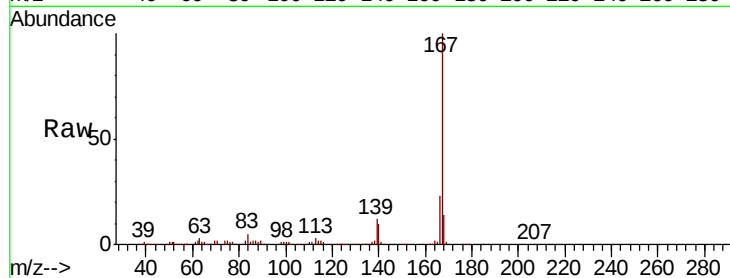
#73
 Carbazole
 Concen: 52.619 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.6	28.0
139	12.3	10.8	16.2

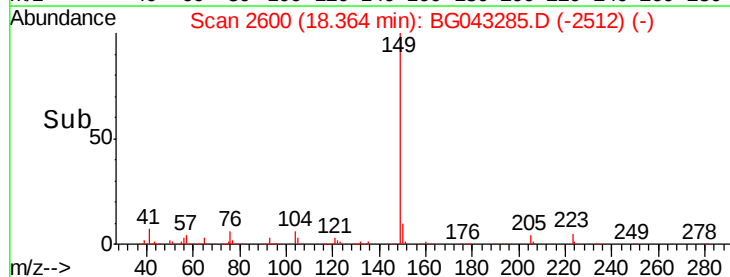
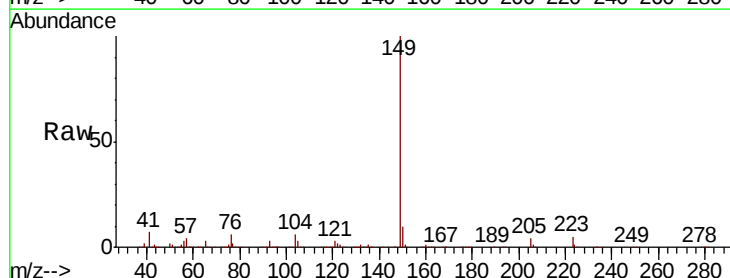
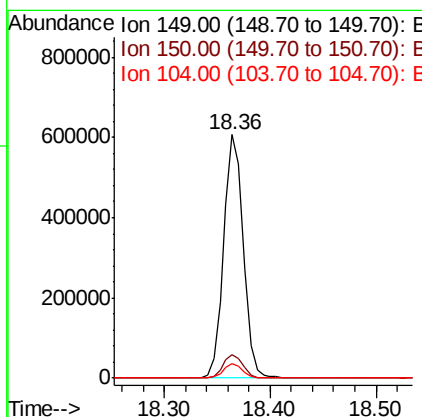
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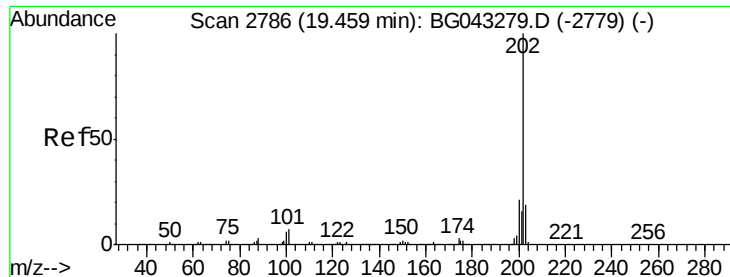
mohammad
 10/20/2019 8:15:14 PM



#74
 Di-n-butylphthalate
 Concen: 51.169 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.1	5.0	7.6





#75

Fluoranthene

Concen: 51.586 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

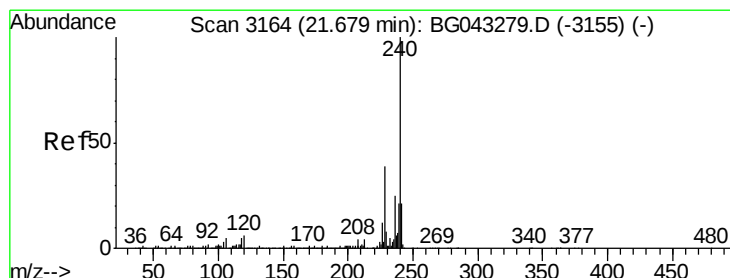
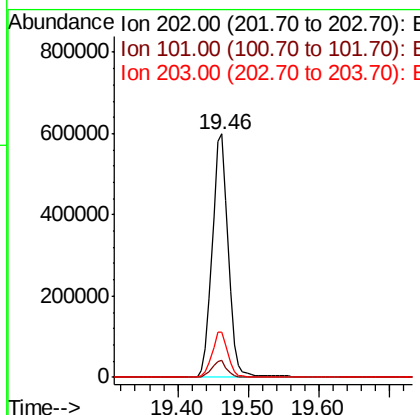
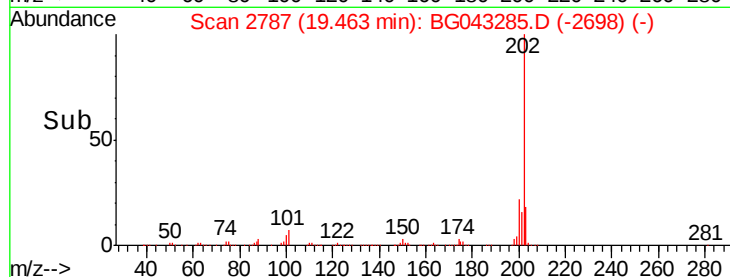
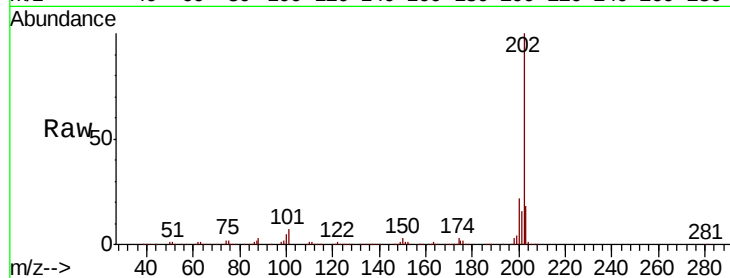
ClientSampleId :

PB124106BSD

Tot Ion:	202	Resp:	947896
Ion Ratio		Lower	Upper
202	100		
101	6.8	0.0	27.3
203	18.4	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

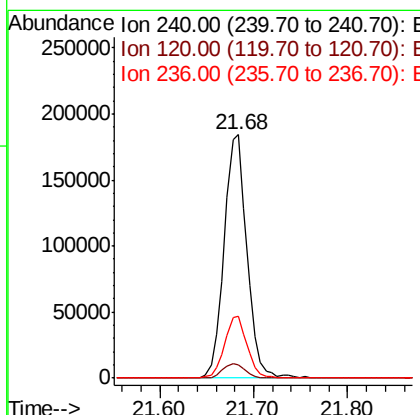
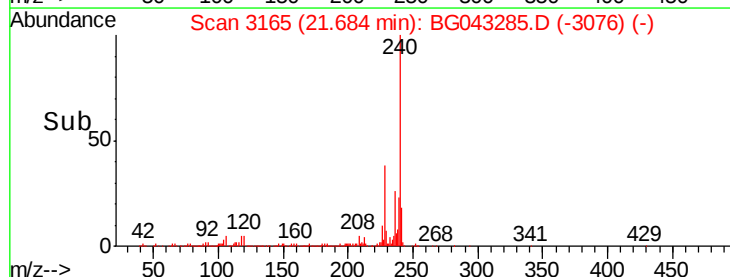
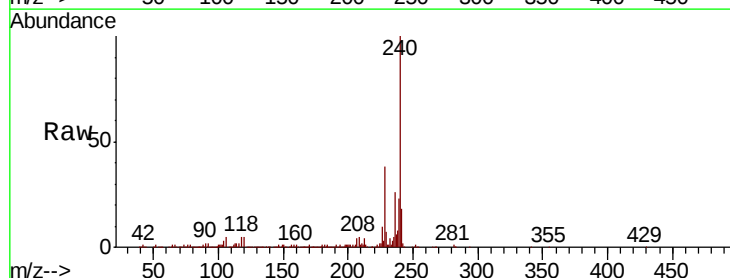
RT: 21.68 min Scan# 3165

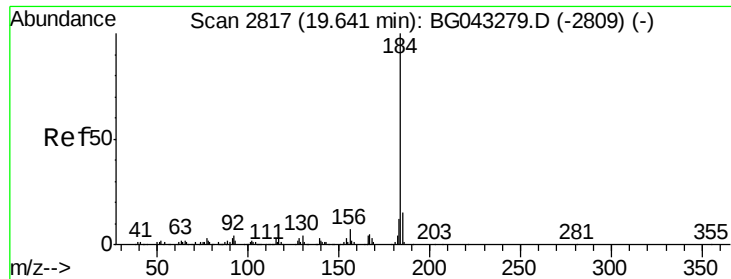
Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	240	Resp:	311389
Ion Ratio		Lower	Upper
240	100		
120	5.2	4.8	7.2
236	25.5	21.4	32.0





#77

Benzidine

Concen: 24.810 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

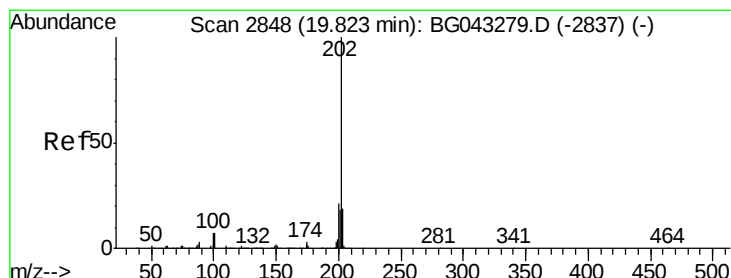
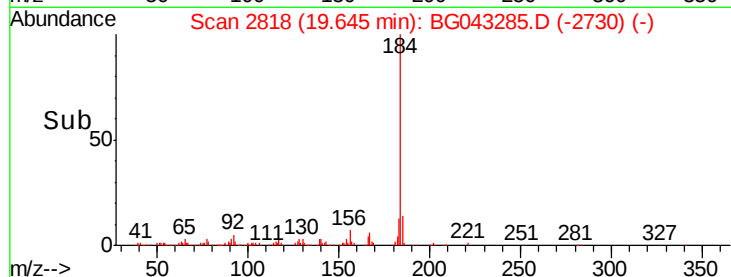
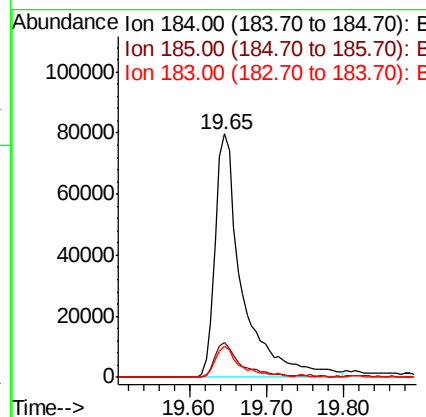
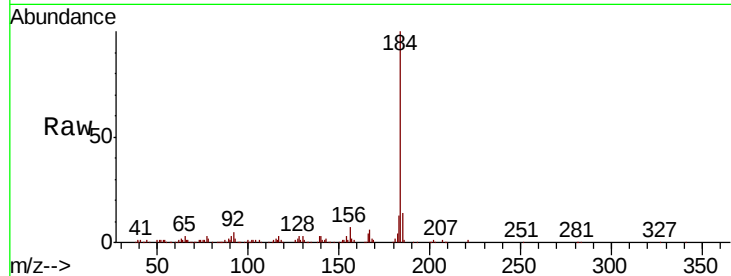
ClientSampleId :

PB124106BSD

Tot Ion:	184	Resp:	193441
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.8
183	13.0	10.1	15.1

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#78

Pyrene

Concen: 50.698 ng

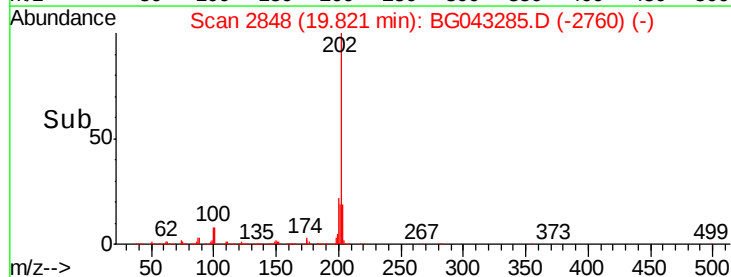
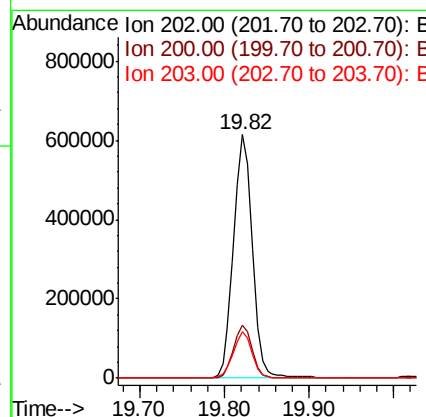
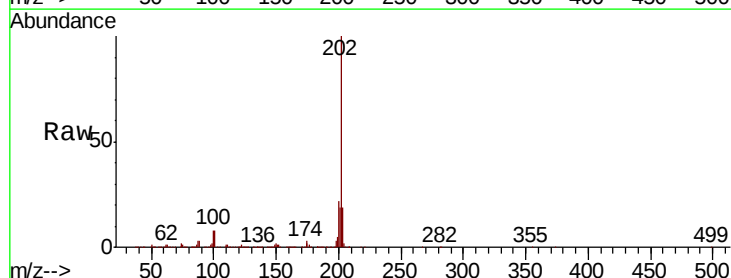
RT: 19.82 min Scan# 2848

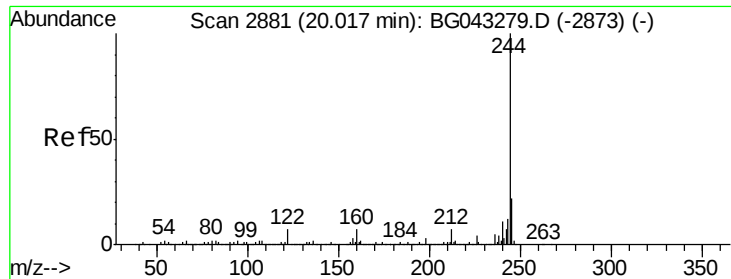
Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	202	Resp:	942252
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	19.3	15.2	22.8





#79

Terphenyl-d14

Concen: 105.485 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

ClientSampleId :

PB124106BSD

Tot Ion:244 Resp: 1541470

Ion Ratio Lower Upper

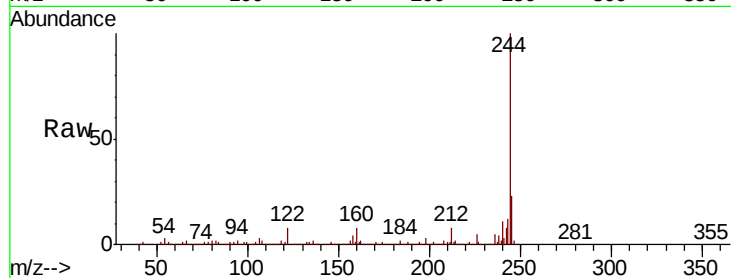
244 100

212 7.8 7.4 11.0

122 8.0 7.0 10.4

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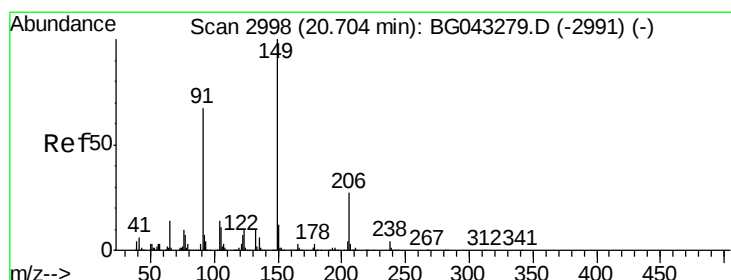
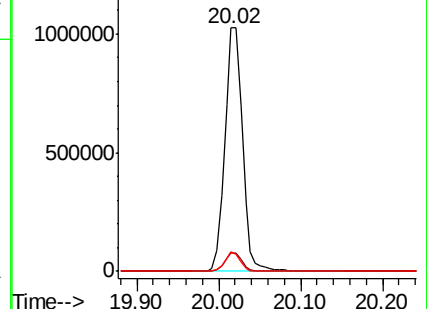
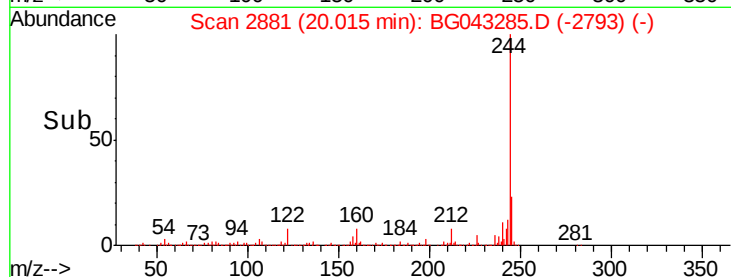
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.120 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

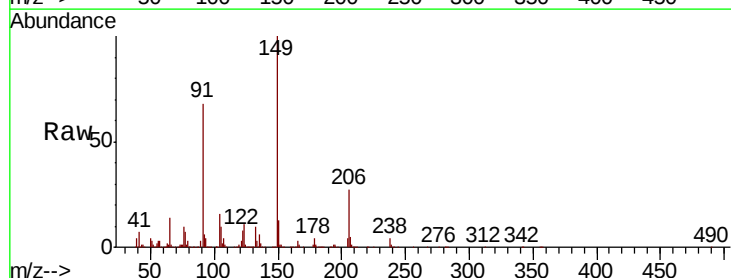
Tgt Ion:149 Resp: 353578

Ion Ratio Lower Upper

149 100

91 67.8 57.7 86.5

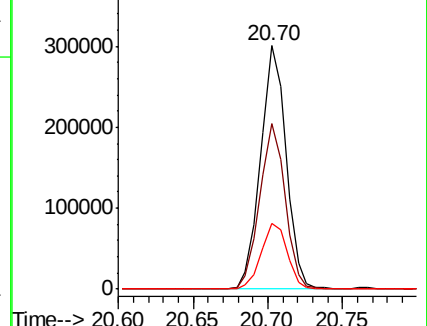
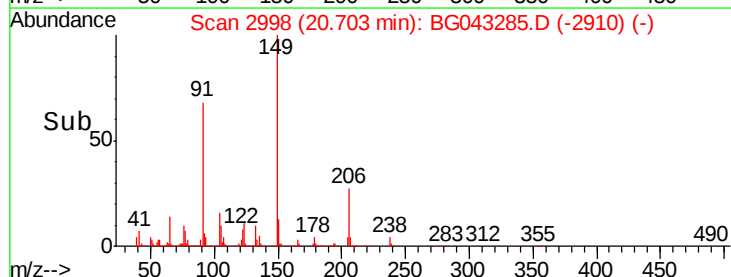
206 27.2 22.6 33.8

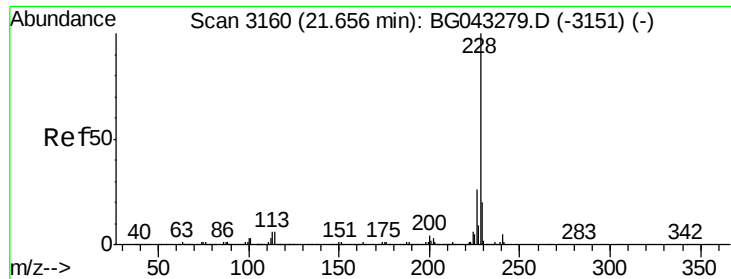


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





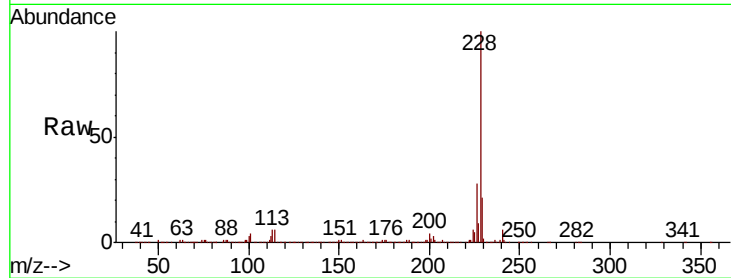
#81
Benzo(a)anthracene
Concen: 50.212 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.7	16.3	24.5

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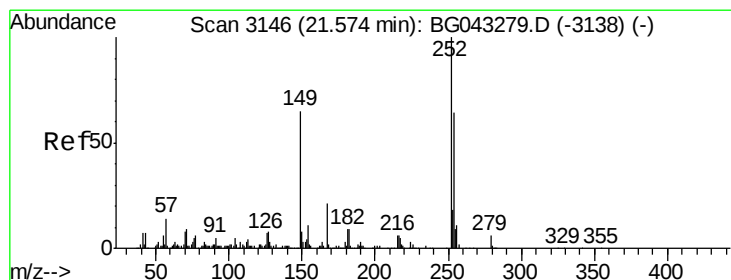
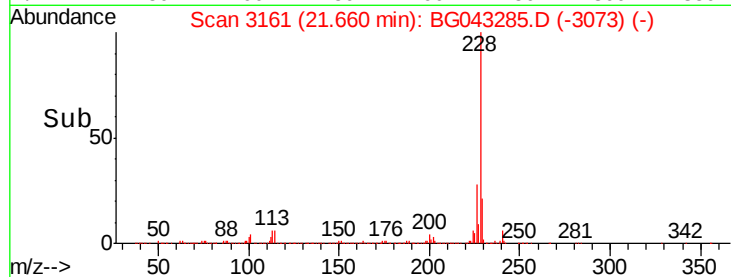
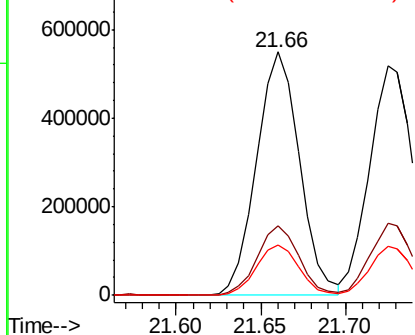


Abundance

Ion 228.00 (227.70 to 228.70): E

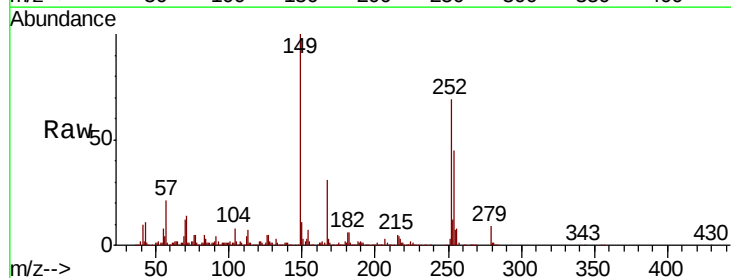
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 34.943 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.9	77.9
126	6.6	6.1	9.1

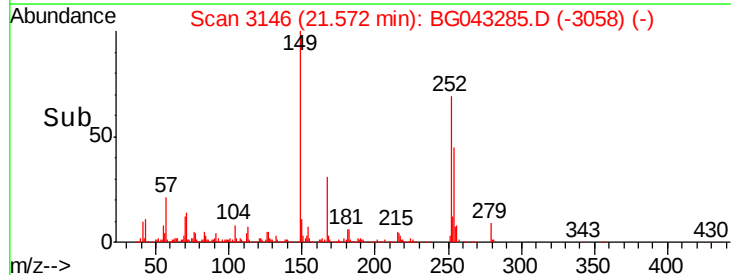
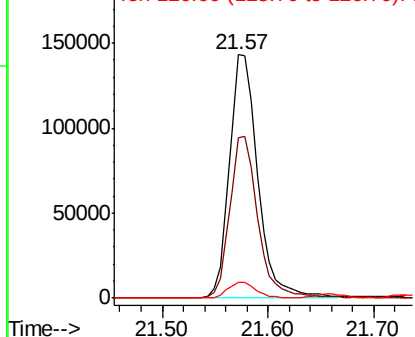


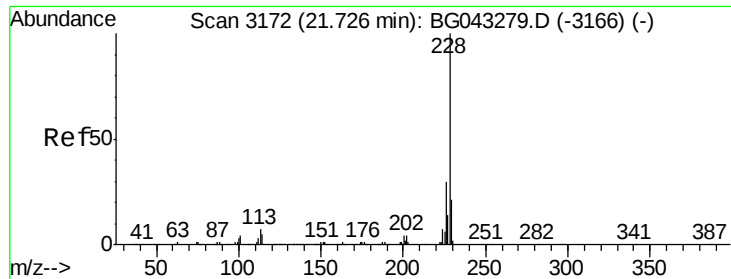
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





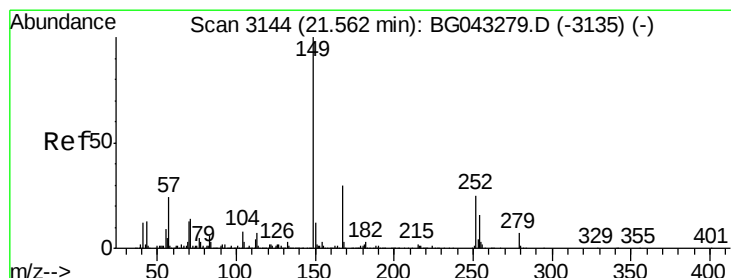
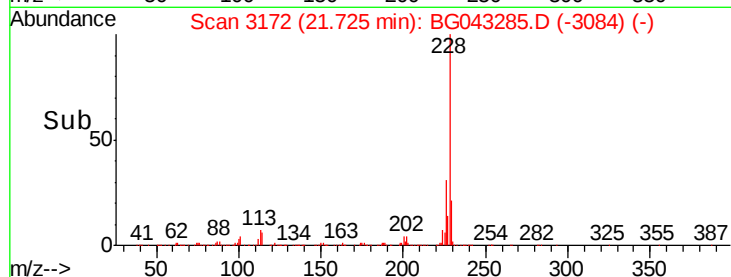
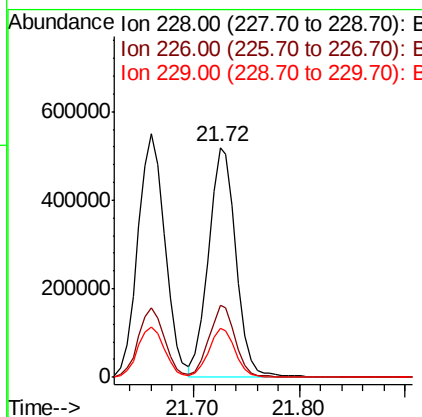
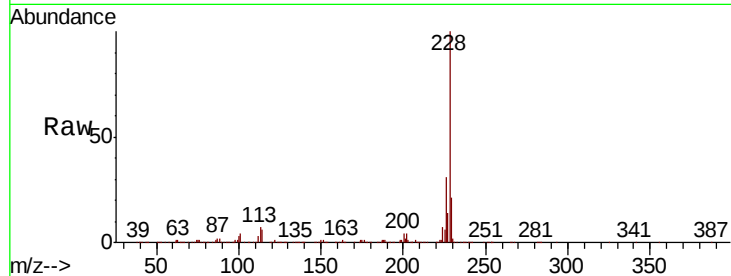
#83
 Chrvsene
 Concen: 49.820 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Instrument :
 BNA_G
 ClientSampleId :
 PB124106BSD

Tot Ion:	228	Resp:	938047
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.6	38.4
229	21.3	16.9	25.3

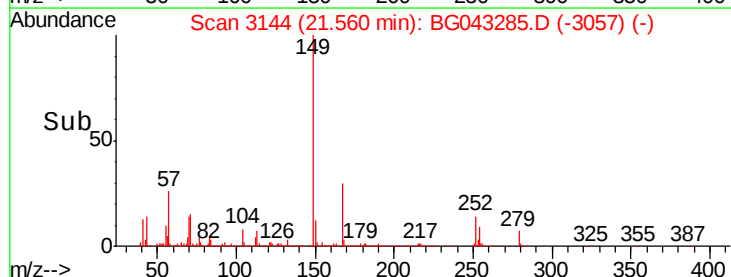
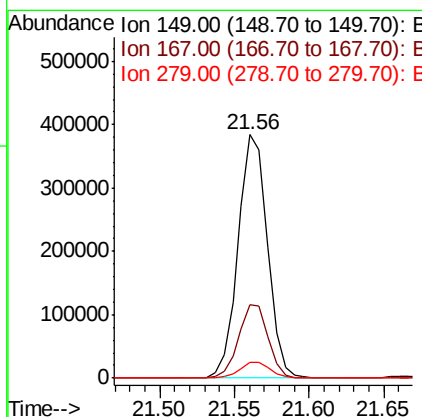
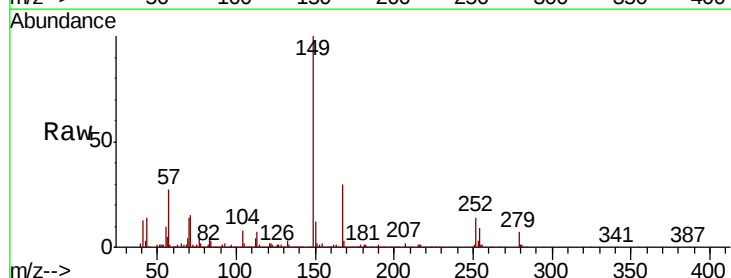
Manual Integrations
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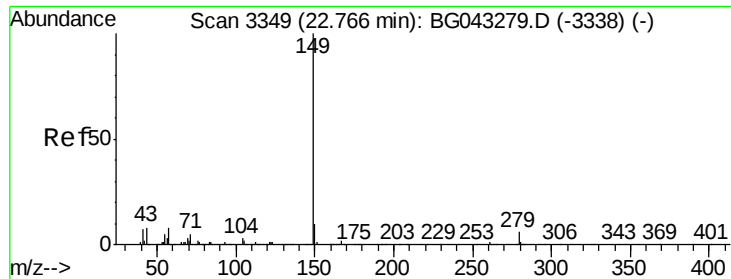
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.267 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG043285.D
 Acq: 18 Oct 2019 21:18

Tgt Ion:	149	Resp:	524672
Ion Ratio	Lower	Upper	
149	100		
167	29.9	25.4	38.2
279	6.6	5.1	7.7





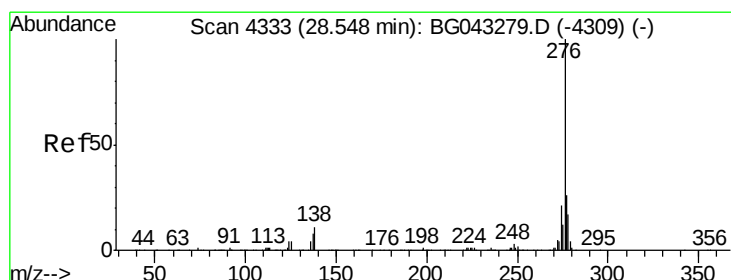
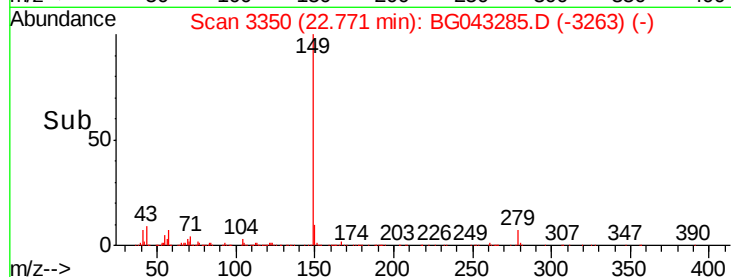
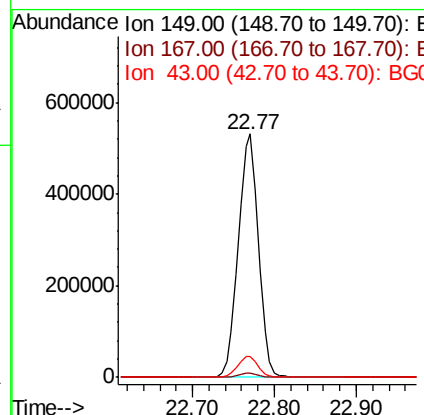
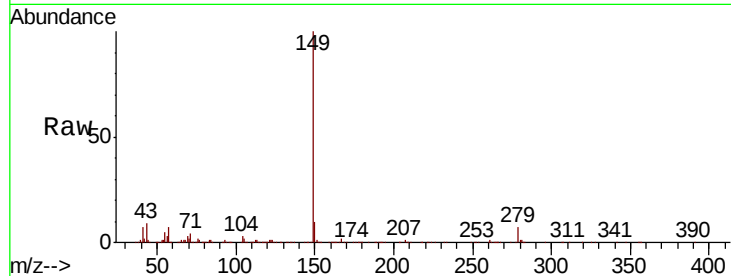
#85
Di-n-octyl phthalate
Concen: 55.551 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.6	8.7	13.1#

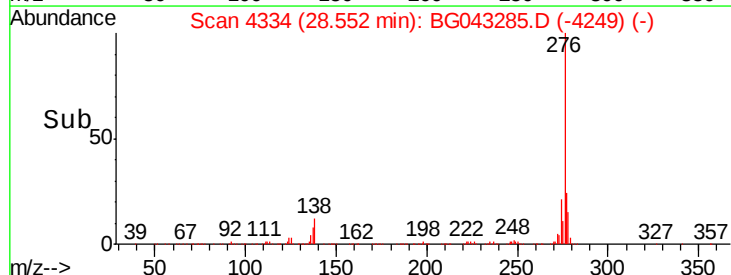
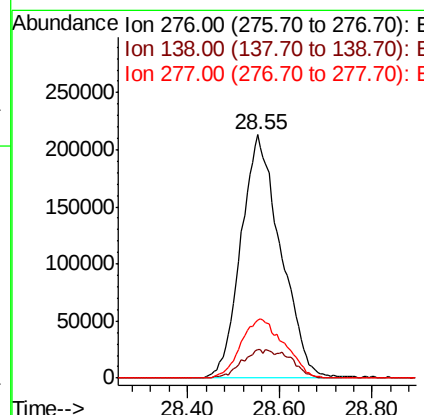
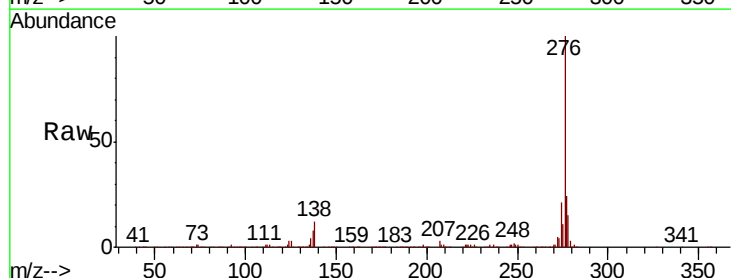
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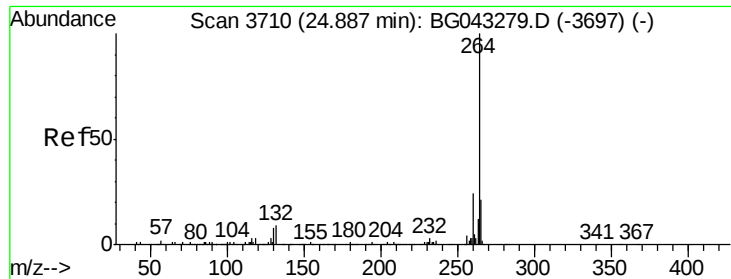
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.182 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.03 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	6.5	7.0	10.6#
277	26.6	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

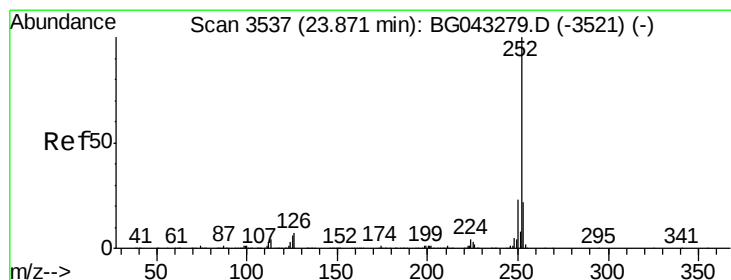
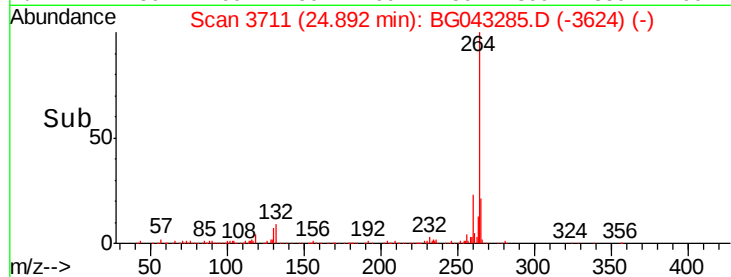
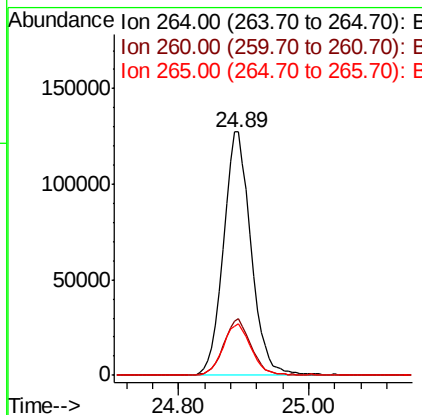
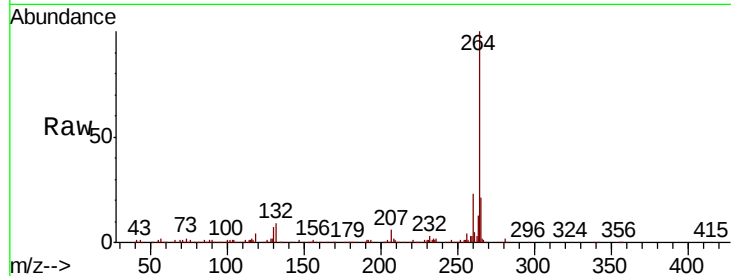
ClientSampleId :

PB124106BSD

Tot Ion:	264	Resp:	374331
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.7	28.1
265	21.2	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 49.106 ng

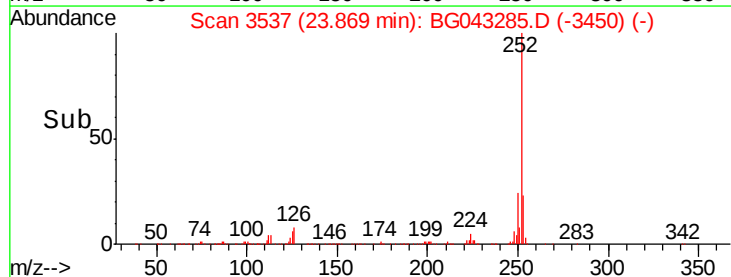
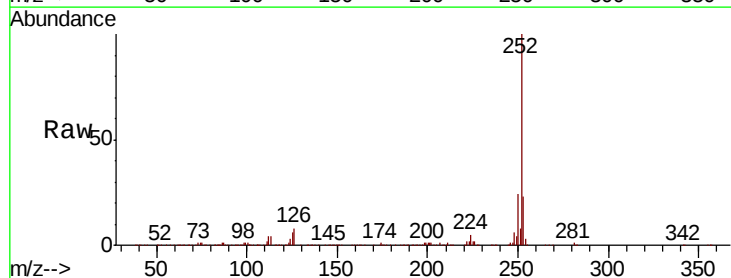
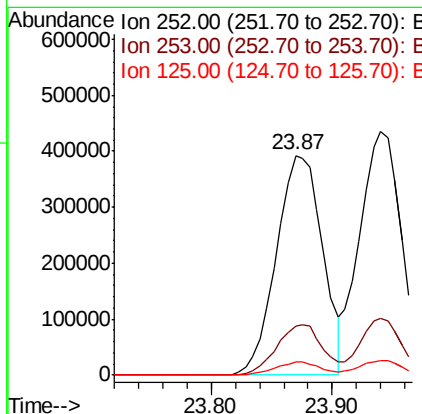
RT: 23.87 min Scan# 3537

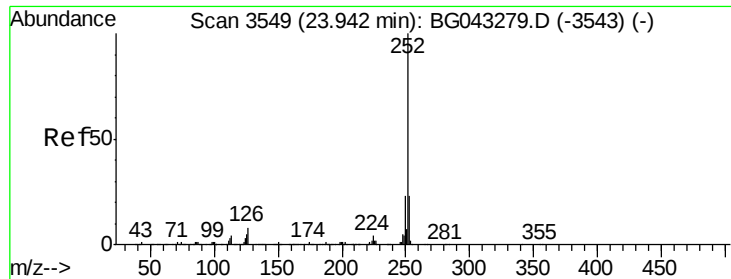
Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Tgt Ion:	252	Resp:	1040099
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	6.1	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 51.202 ng

RT: 23.94 min Scan# 3549

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

Instrument :

BNA_G

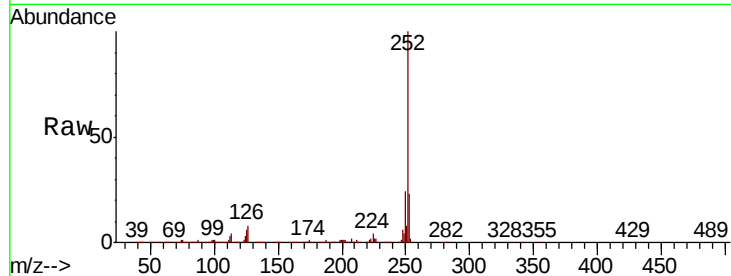
ClientSampleId :

PB124106BSD

Tot Ion:	252	Resp:	1072857
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.8	4.5	6.7

Manual Integrations
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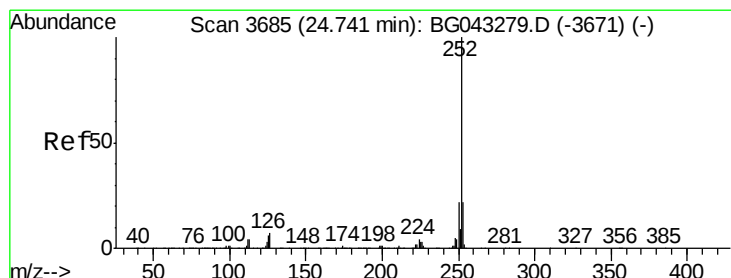
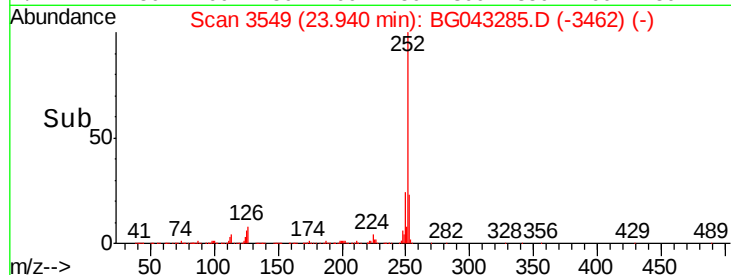
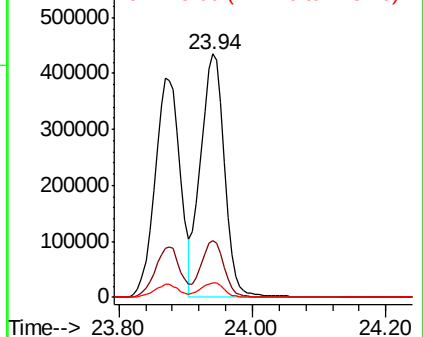


Abundance

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: 48.729 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG043285.D

Acq: 18 Oct 2019 21:18

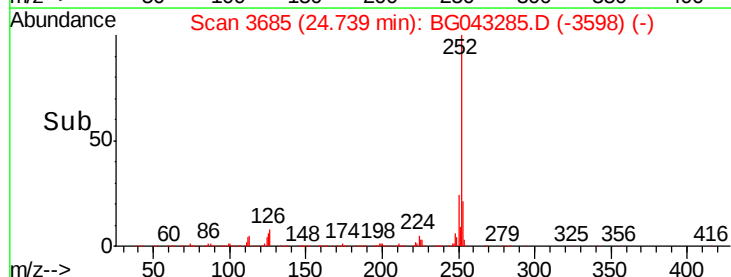
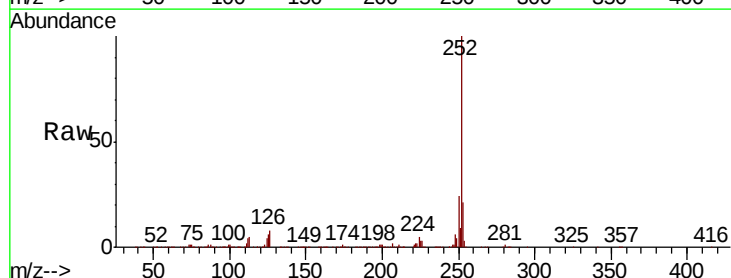
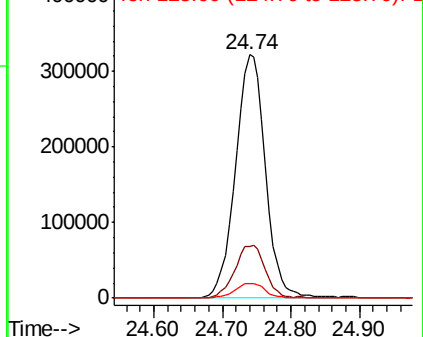
Tgt Ion:	252	Resp:	973750
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	6.0	5.0	7.6

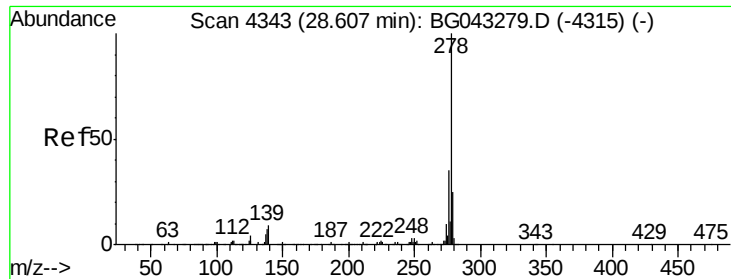
Abundance

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





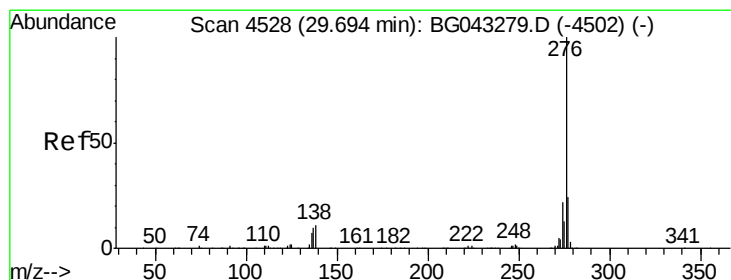
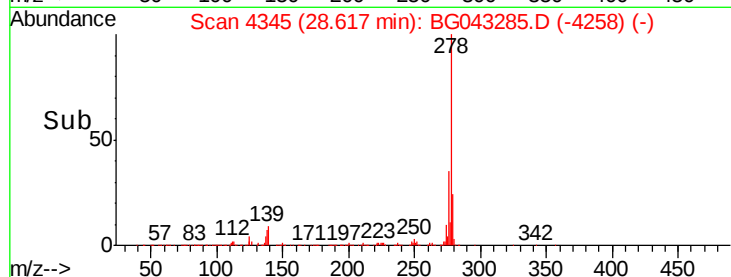
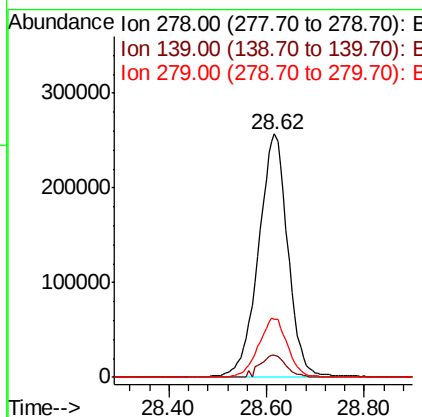
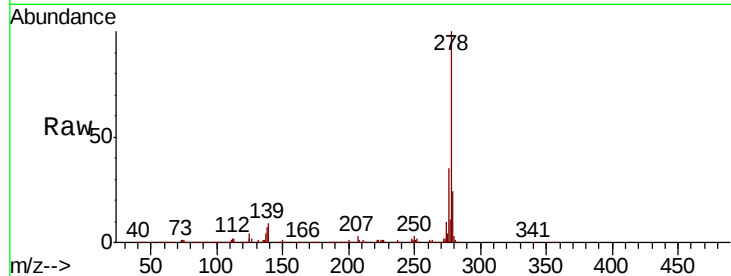
#91
Dibenzo(a,h)anthracene
Concen: 52.630 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Instrument :
BNA_G
ClientSampleId :
PB124106BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	6.8	10.2
279	23.8	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/20/2019 8:15:14 PM



#92
Benzo(g,h,i)perylene
Concen: 53.832 ng
RT: 29.70 min Scan# 4530
Delta R.T. -0.02 min
Lab File: BG043285.D
Acq: 18 Oct 2019 21:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	10.7	8.6	12.8

