

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043370.D
 Acq On : 29 Oct 2019 12:13
 Operator : JU
 Sample : PB124338BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:54:22 PM

Quant Time: Oct 30 08:06:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39156	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	156930	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111623	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	257673	20.00	ng	0.00
76) Chrysene-d12	21.66	240	294508	20.00	ng	0.00
87) Perylene-d12	24.86	264	313663	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	273024	127.77	ng	0.00
7) Phenol-d6	7.22	99	361301	117.52	ng	0.01
23) Nitrobenzene-d5	9.18	82	186401	61.24	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	230844	108.67	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	506964	62.76	ng	0.00
79) Terphenyl-d14	20.00	244	1001505	63.80	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.48	88	29450	35.367 ng	89
3) Pyridine	3.88	79	70908	33.757 ng	95
4) n-Nitrosodimethylamine	3.80	42	45931	43.334 ng	89
6) Aniline	7.35	93	118177	33.369 ng	96
8) 2-Chlorophenol	7.60	128	109729	46.519 ng	97
9) Benzaldehyde	7.16	77	59742	39.541 ng	94
10) Phenol	7.24	94	128221	45.641 ng	100
11) bis(2-Chloroethyl)ether	7.45	93	89565	41.236 ng	100
12) 1,3-Dichlorobenzene	7.92	146	118478	40.089 ng	97
13) 1,4-Dichlorobenzene	8.06	146	121189	40.530 ng	99
14) 1,2-Dichlorobenzene	8.38	146	115997	39.731 ng	95
15) Benzyl Alcohol	8.27	79	95509	44.235 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	121936	38.608 ng	97
17) 2-Methylphenol	8.48	107	92011	44.927 ng	96
18) Hexachloroethane	9.11	117	43784	40.586 ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	79562	40.049 ng	98
20) 3+4-Methylphenols	8.81	107	119412	42.521 ng	94
22) Acetophenone	8.84	105	154809	38.521 ng	# 99
24) Nitrobenzene	9.23	77	120083	41.412 ng	97
25) Isophorone	9.75	82	222222	39.931 ng	98
26) 2-Nitrophenol	9.94	139	60620	43.302 ng	92
27) 2,4-Dimethylphenol	10.01	122	98871	49.276 ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	118996	38.742 ng	93
29) 2,4-Dichlorophenol	10.49	162	113977	44.334 ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	131300	40.522 ng	96
31) Naphthalene	10.88	128	336633	42.260 ng	98
32) Benzoic acid	10.18	122	49111	35.061 ng	97
33) 4-Chloroaniline	11.00	127	72597	22.233 ng	96
34) Hexachlorobutadiene	11.16	225	92033	38.423 ng	94
35) Caprolactam	11.76	113	35119m	39.664 ng	
36) 4-Chloro-3-methylphenol	12.13	107	118913	42.404 ng	100
37) 2-Methylnaphthalene	12.48	142	254209	41.592 ng	97
38) 1-Methylnaphthalene	12.70	142	239916	41.256 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	163036	39.466 ng	99

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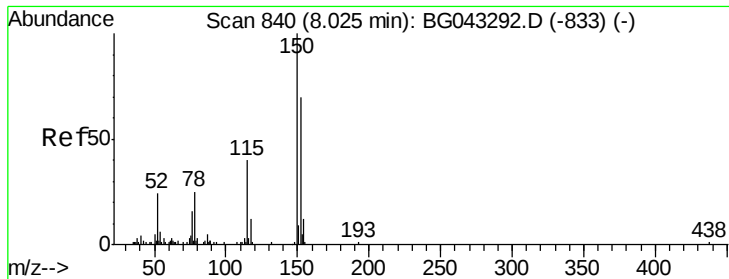
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	181932	83.838	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	102878	42.288	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	106268	43.207	nq	94
46) 1,1'-Biphenyl	13.48	154	338878	39.907	nq	99
47) 2-Chloronaphthalene	13.53	162	262682	40.656	nq	99
48) 2-Nitroaniline	13.74	65	75939	39.325	nq	98
49) Acenaphthylene	14.37	152	424752	42.240	nq	97
50) Dimethylphthalate	14.11	163	338894	39.197	nq	99
51) 2,6-Dinitrotoluene	14.23	165	75041	39.951	nq	96
52) Acenaphthene	14.72	154	250448	40.841	nq	97
53) 3-Nitroaniline	14.56	138	52406	28.898	nq	# 90
54) 2,4-Dinitrophenol	14.77	184	78444	68.074	nq	94
55) Dibenzofuran	15.05	168	405398	40.766	nq	98
56) 4-Nitrophenol	14.90	139	110092	90.591	nq	91
57) 2,4-Dinitrotoluene	15.01	165	110108	41.019	nq	# 97
58) Fluorene	15.70	166	337605	40.477	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	111355	42.614	nq	98
60) Diethylphthalate	15.47	149	342453	39.420	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	195358	40.150	nq	97
62) 4-Nitroaniline	15.73	138	71040	37.931	nq	98
63) Azobenzene	15.98	77	284919	40.524	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	65131	42.951	nq	93
66) n-Nitrosodiphenylamine	15.91	169	298567	41.041	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	137567	39.671	nq	98
68) Hexachlorobenzene	16.70	284	154327	38.771	nq	98
69) Atrazine	16.85	200	130715	51.710	nq	97
70) Pentachlorophenol	17.05	266	172737	95.237	nq	95
71) Phenanthrene	17.44	178	545756	41.361	nq	99
72) Anthracene	17.53	178	568211	43.041	nq	99
73) Carbazole	17.80	167	513273	42.934	nq	97
74) Di-n-butylphthalate	18.35	149	608306	41.935	nq	98
75) Fluoranthene	19.44	202	742761	43.179	nq	100
77) Benzidine	19.63	184	243251	41.041	nq	98
78) Pyrene	19.81	202	750388	41.163	nq	99
80) Butylbenzylphthalate	20.69	149	281866	40.812	nq	98
81) Benzo(a)anthracene	21.64	228	777416	42.141	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	262865	36.840	nq	100
83) Chrysene	21.71	228	757824	41.345	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	415290	42.330	nq	99
85) Di-n-octyl phthalate	22.74	149	704363	42.318	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	987512	42.921	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	826475	46.523	nq	99
89) Benzo(k)fluoranthene	23.91	252	824334	46.093	nq	99
90) Benzo(a)pyrene	24.71	252	760561	44.833	nq	100
91) Dibenzo(a,h)anthracene	28.56	278	830031	47.835	nq	99
92) Benzo(g,h,i)perylene	29.64	276	831051	48.554	nq	98

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



#1

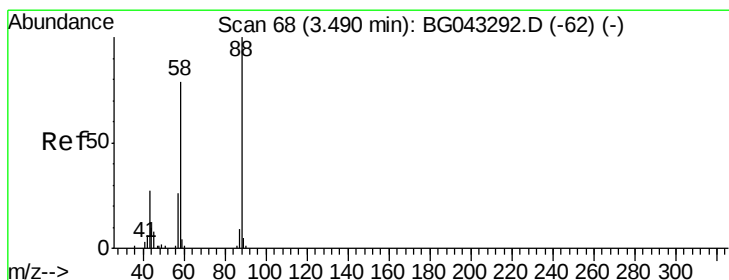
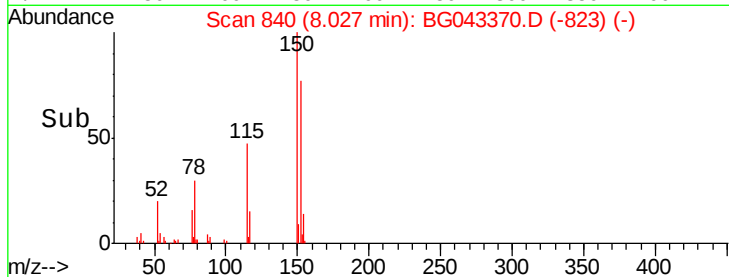
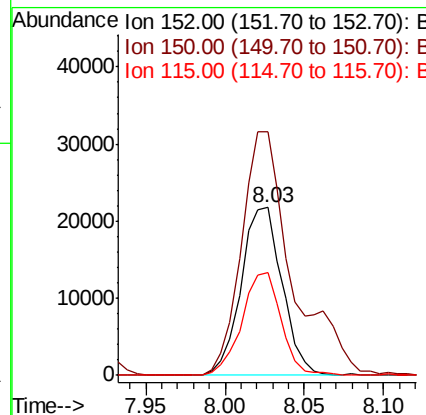
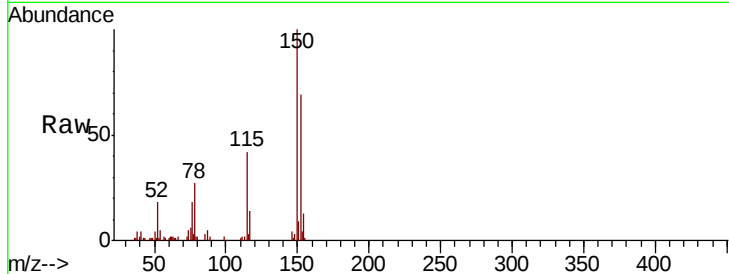
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	113.6	170.4
115	61.0	45.9	68.9

Manual Integrations
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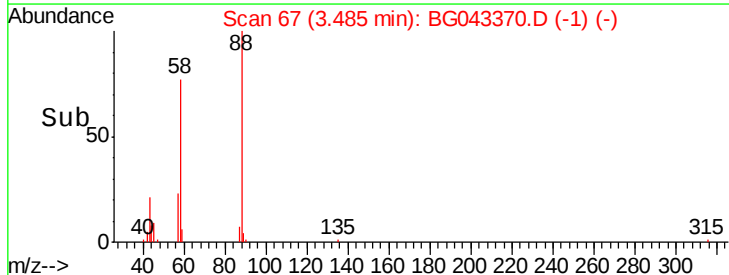
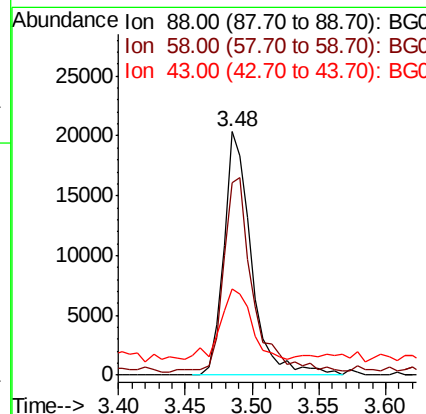
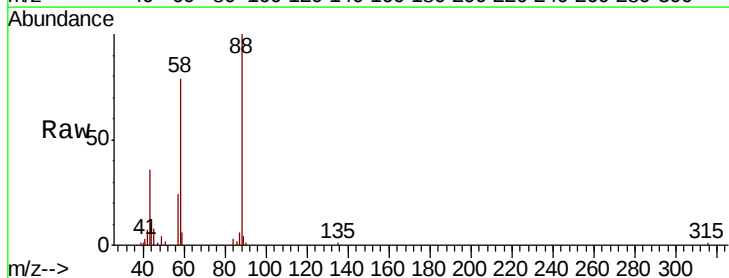
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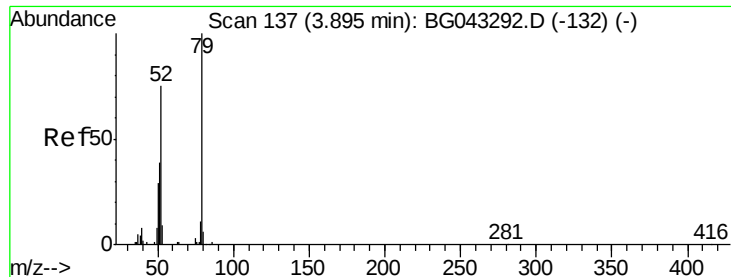


#2

1,4-Dioxane
Concen: 35.367 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	60.2	90.2
43	32.8	22.7	34.1





#3

Pvridine

Concen: 33.757 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

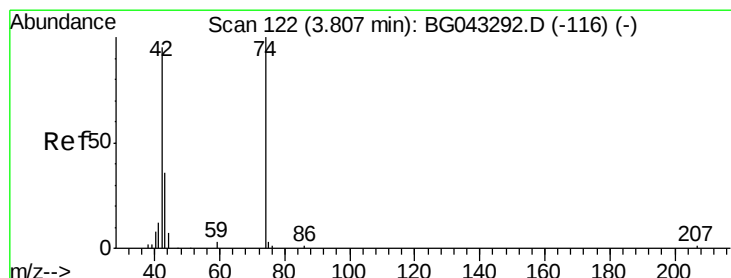
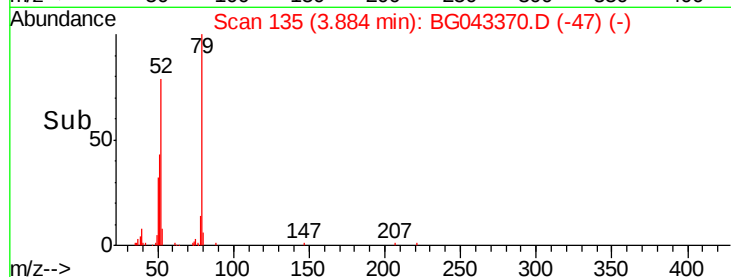
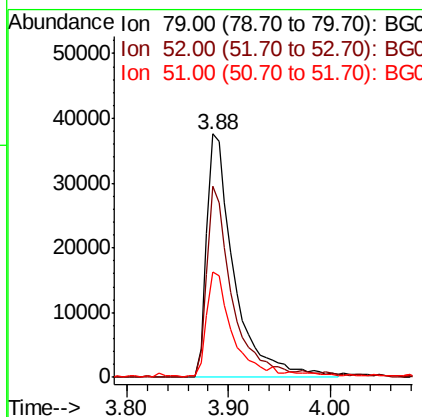
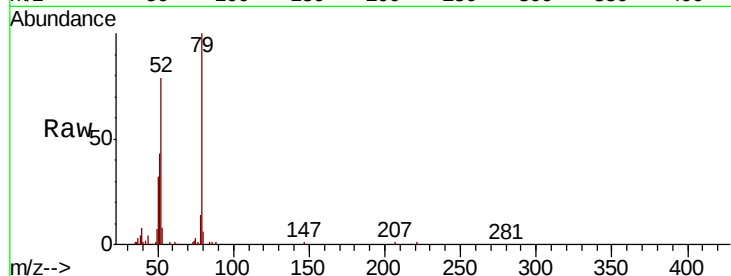
ClientSampleId :

PB124338BS

Tot Ion:	79	Resp:	70908
Ion Ratio	Lower	Upper	
79	100		
52	78.8	59.7	89.5
51	43.5	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.334 ng

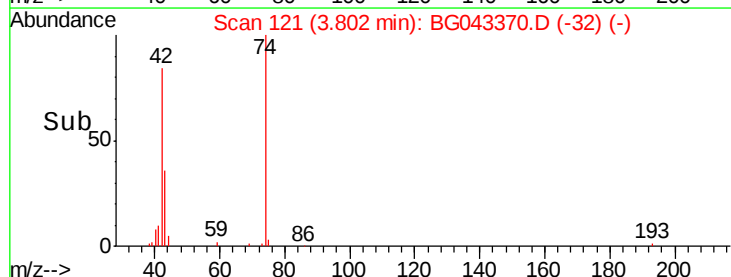
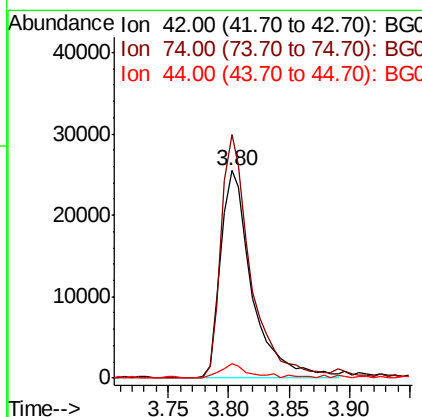
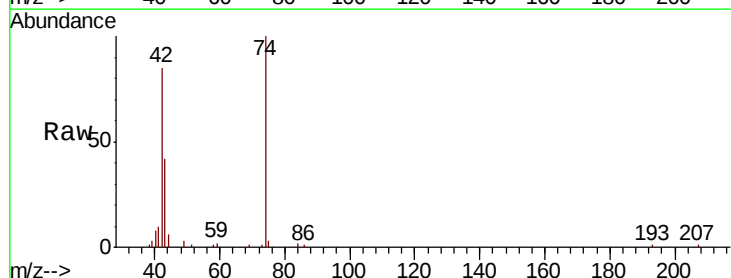
RT: 3.80 min Scan# 121

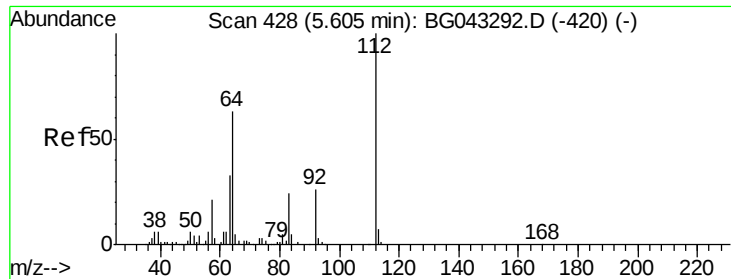
Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	42	Resp:	45931
Ion Ratio	Lower	Upper	
42	100		
74	117.2	84.2	126.2
44	6.8	6.0	9.0





#5

2-Fluorophenol

Concen: 127.771 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

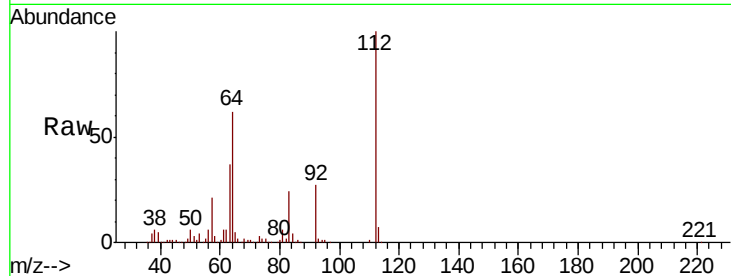
ClientSampleId :

PB124338BS

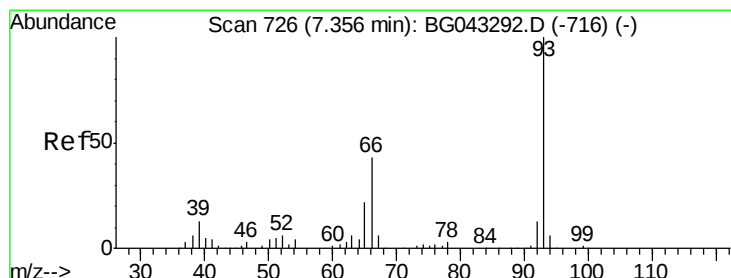
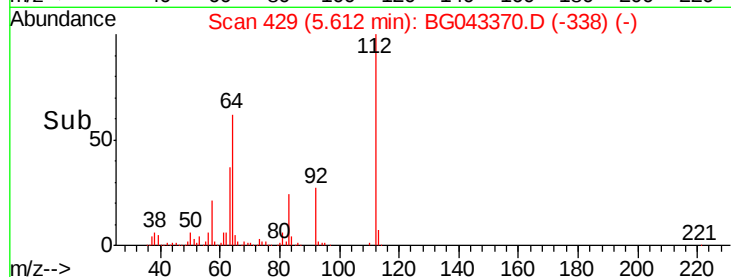
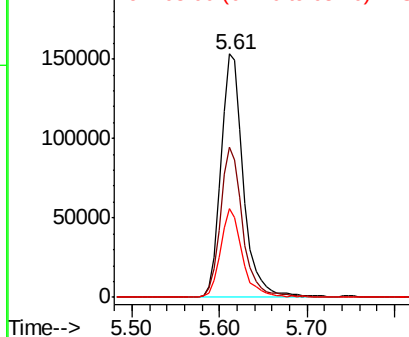
Tot Ion:	112	Resp:	273024
Ion Ratio	Lower	Upper	
112	100		
64	61.9	50.2	75.2
63	36.5	26.7	40.1

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.369 ng

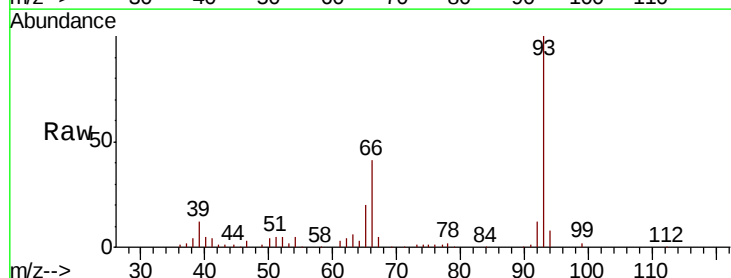
RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

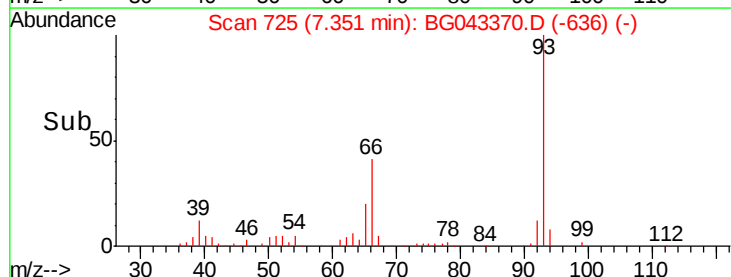
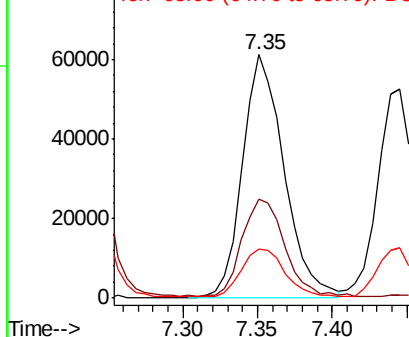
Lab File: BG043370.D

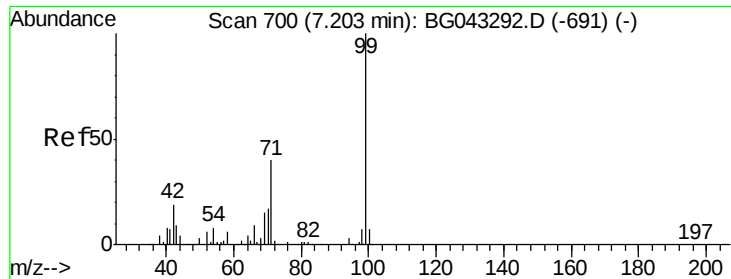
Acq: 29 Oct 2019 12:13

Tgt Ion:	93	Resp:	118177
Ion Ratio	Lower	Upper	
93	100		
66	40.7	34.5	51.7
65	20.1	18.0	27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.520 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

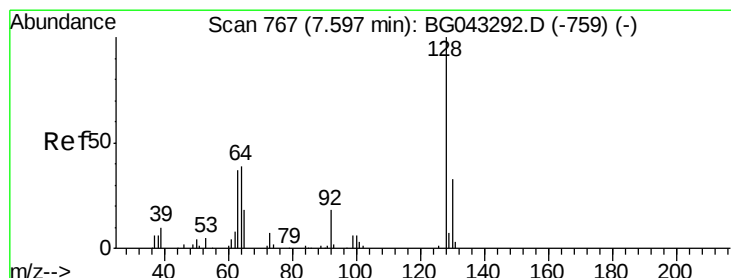
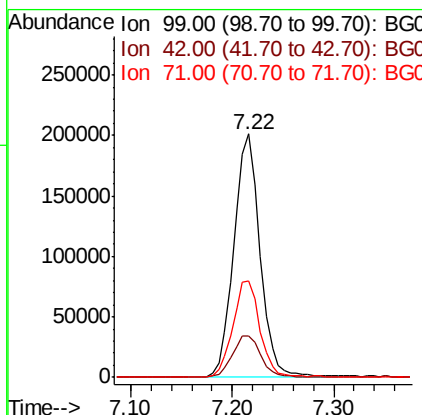
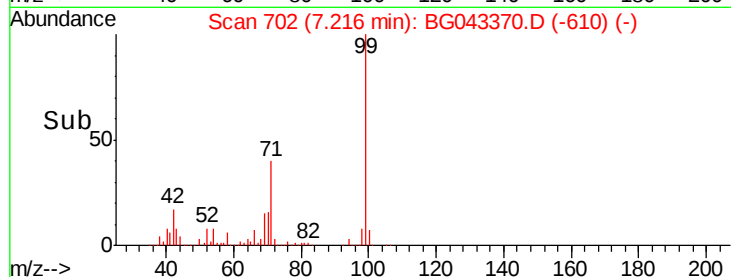
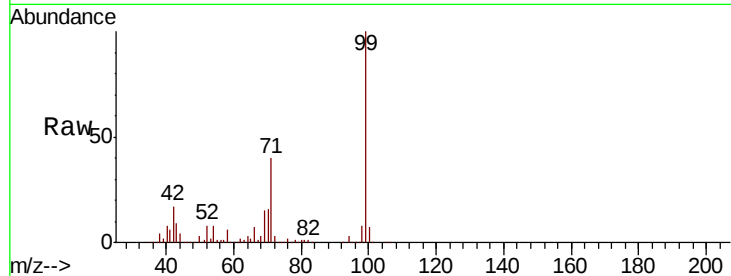
ClientSampled :

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Tot Ion:	99	Resp:	361301
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.9	22.3
71	39.8	32.2	48.2

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#8

2-Chlorophenol

Concen: 46.519 ng

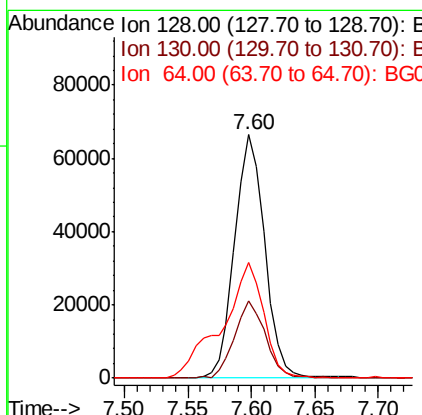
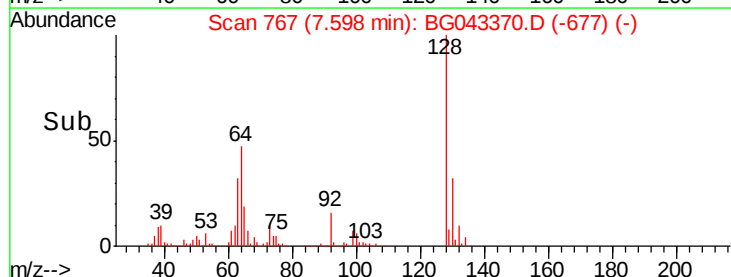
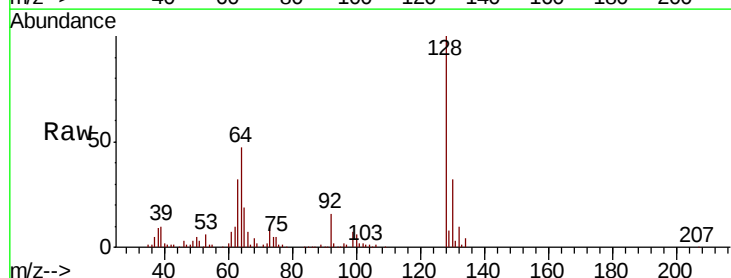
RT: 7.60 min Scan# 767

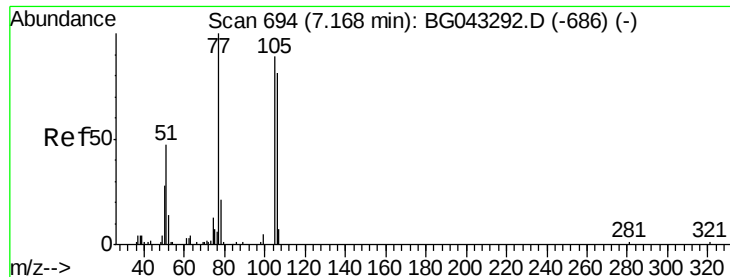
Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	128	Resp:	109729
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	47.3	24.9	64.9





#9

Benzaldehyde

Concen: 39.541 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

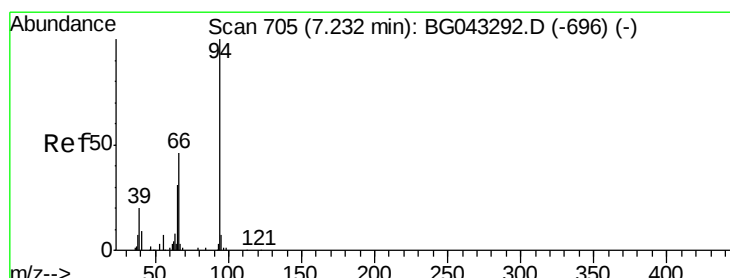
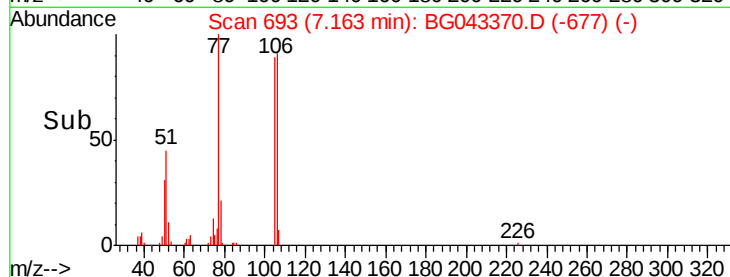
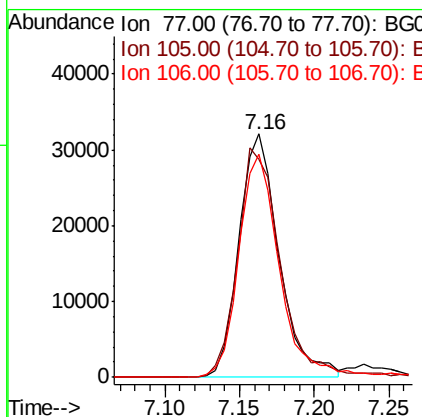
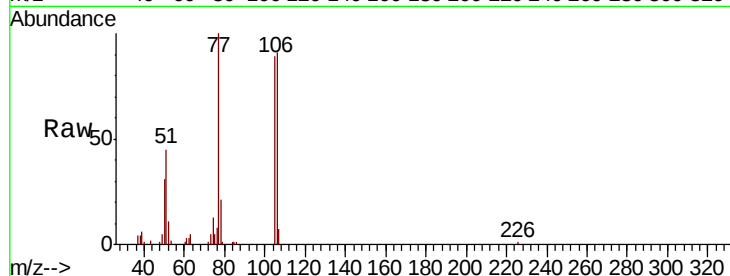
ClientSampleId :

PB124338BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.4	68.7	108.7
106	91.4	60.5	100.5

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#10

Phenol

Concen: 45.641 ng

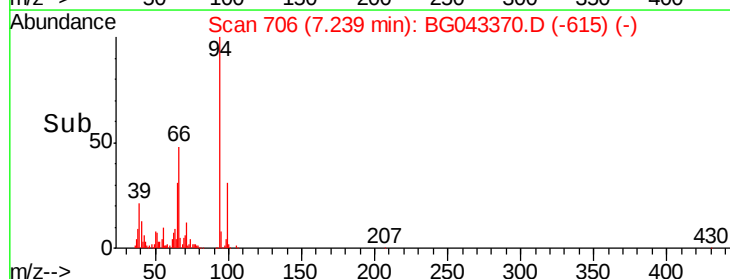
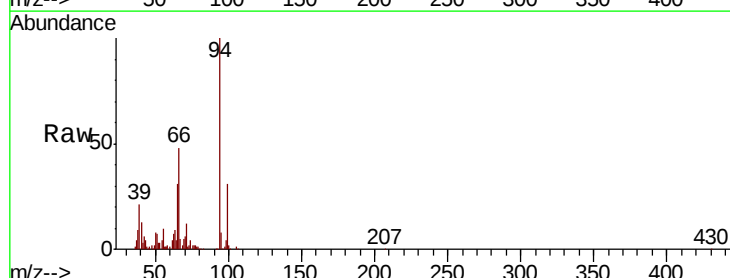
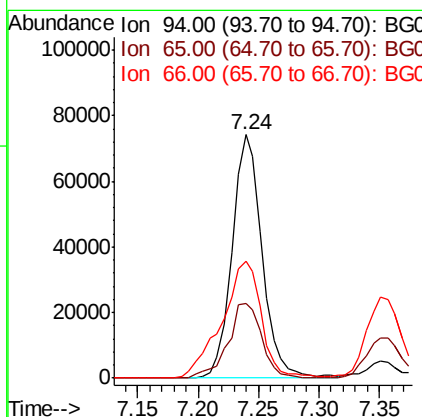
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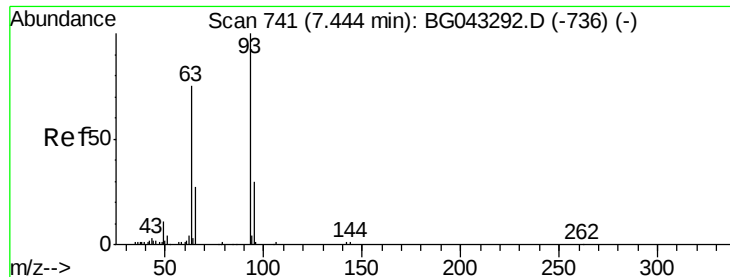
Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.1	51.1
66	47.9	27.8	67.8





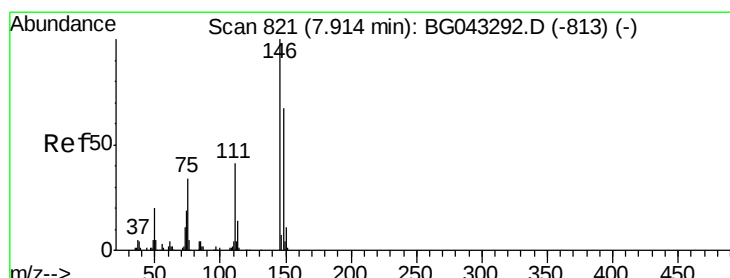
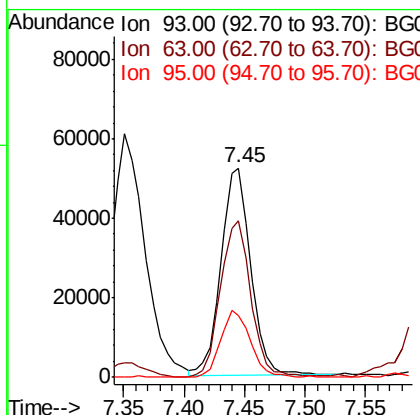
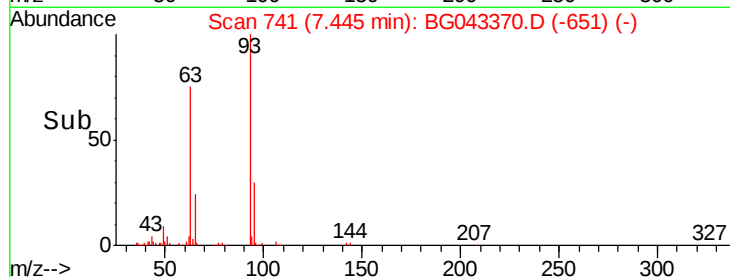
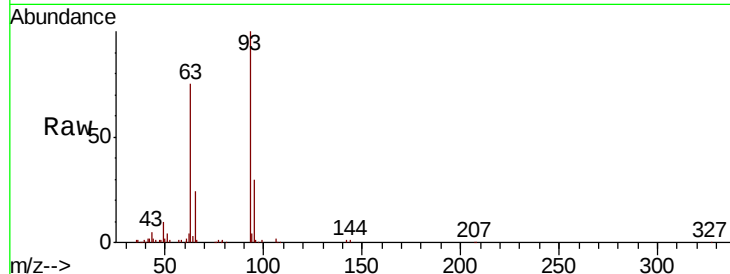
#11
bis(2-Chloroethyl)ether
Concen: 41.236 ng
RT: 7.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	54.6	94.6
95	29.6	9.7	49.7

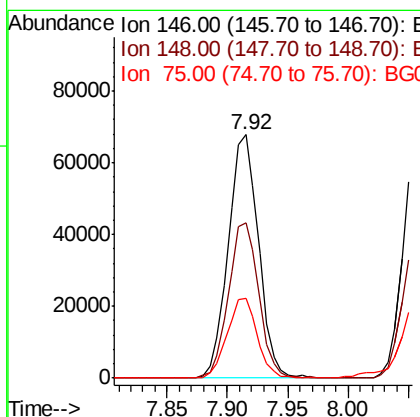
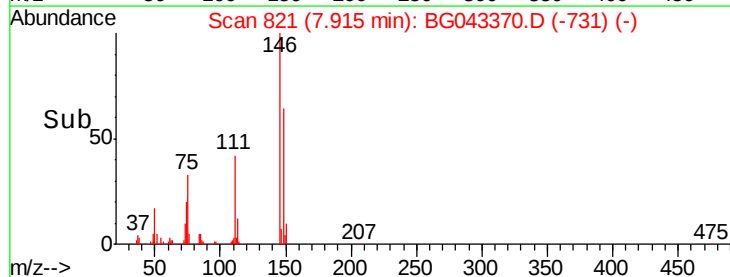
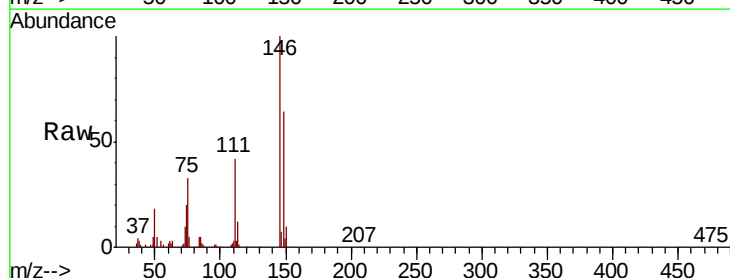
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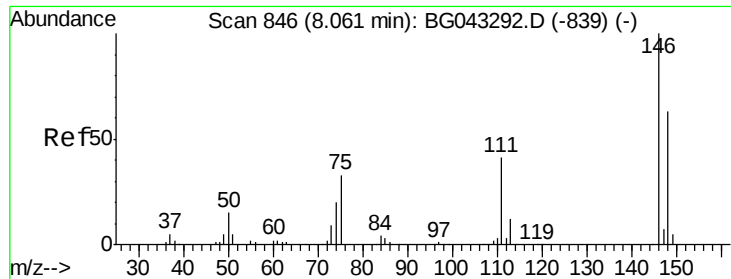
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.089 ng
RT: 7.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.2
75	32.5	27.0	40.4





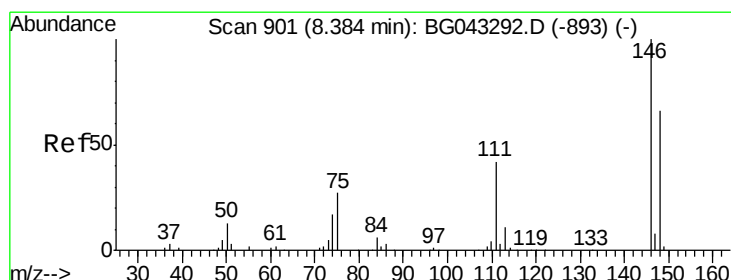
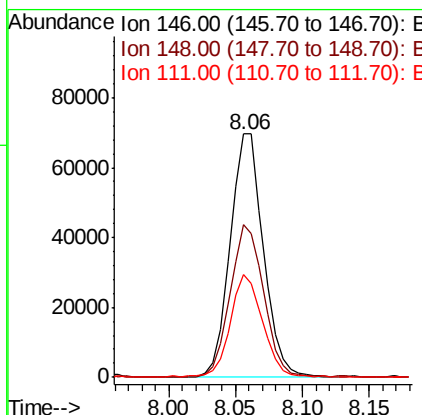
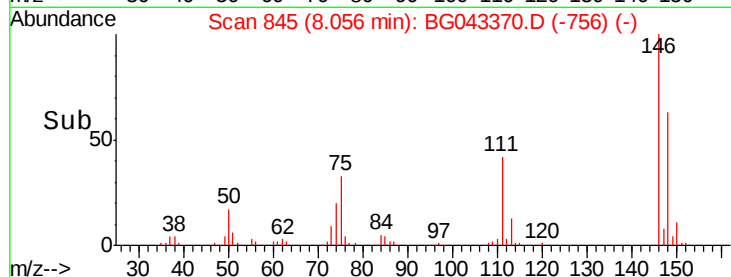
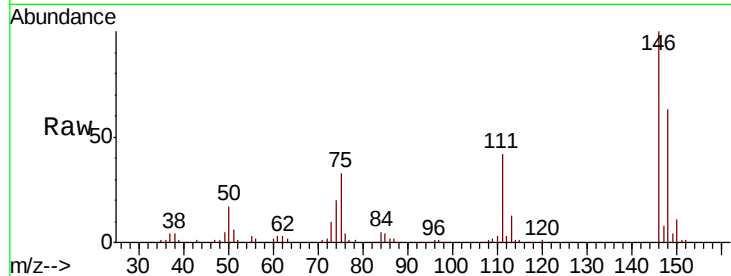
#13
 1,4-Dichlorobenzene
 Concen: 40.530 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.7	76.1
111	42.5	33.0	49.6

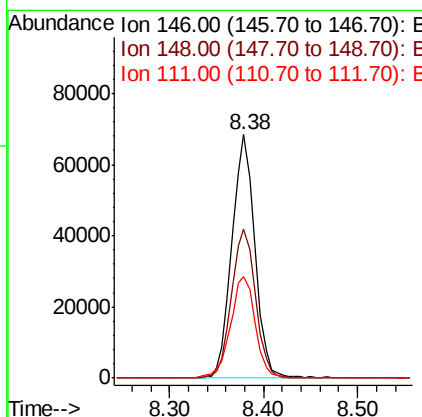
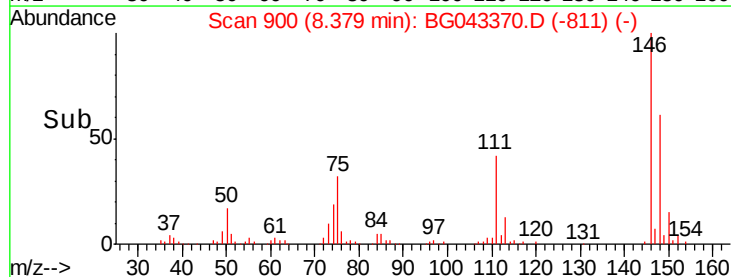
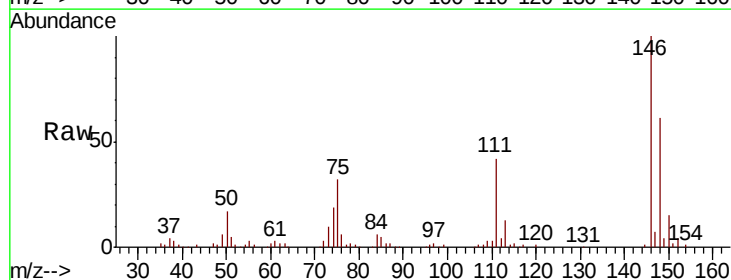
Manual Integrations
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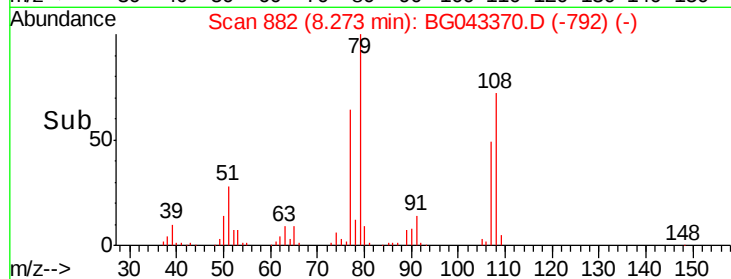
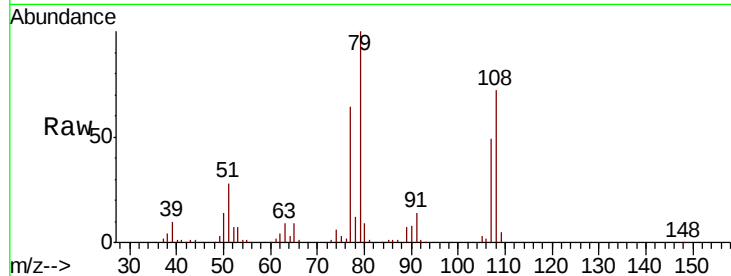
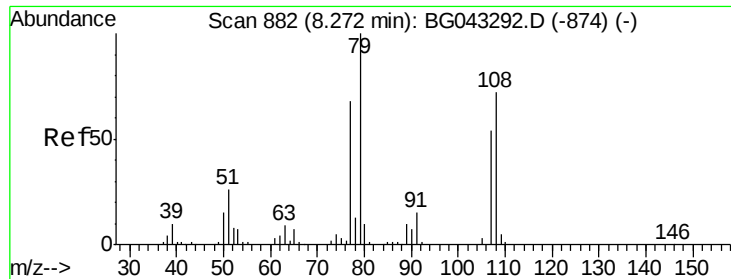
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.731 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	53.0	79.4
111	41.5	34.5	51.7





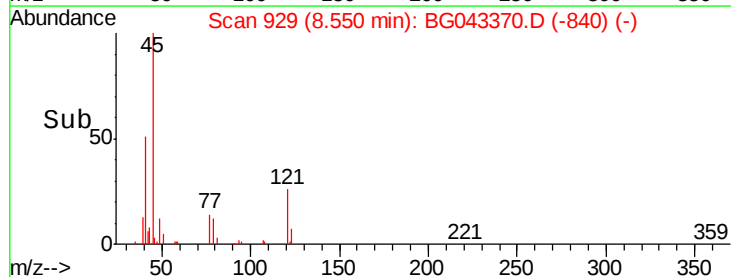
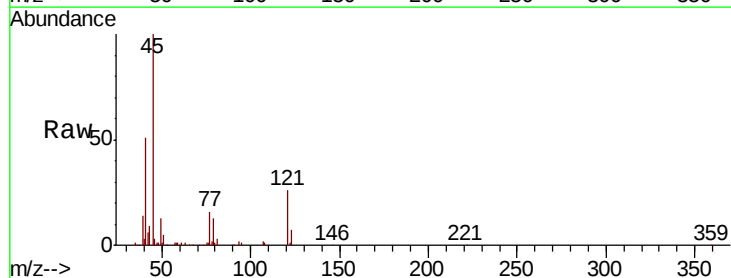
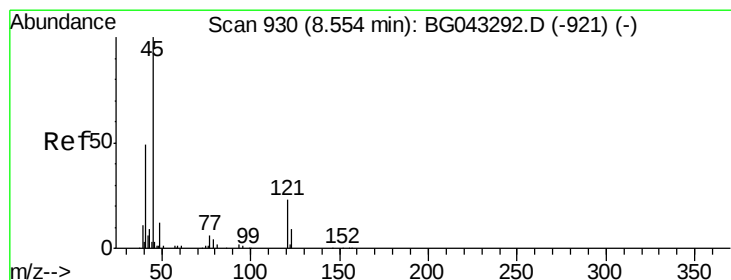
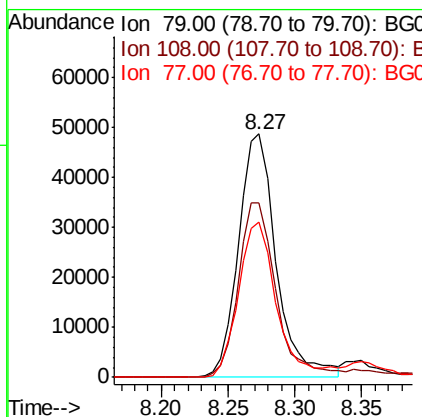
#15
Benzyl Alcohol
Concen: 44.235 ng
RT: 8.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	57.3	85.9
77	63.9	54.6	81.8

Instrument :
BNA_G
ClientSampleId :
PB124338BS

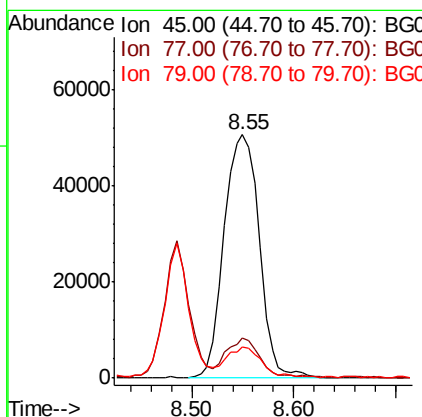
Manual Integrations
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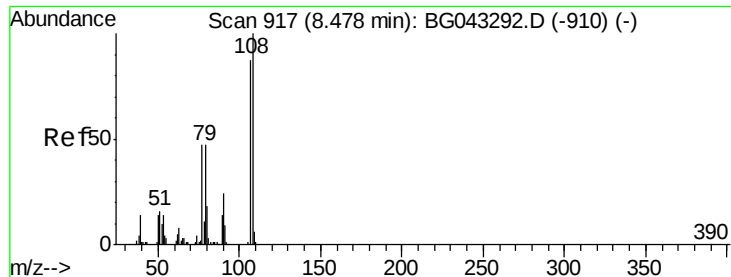
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.608 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.2
79	12.9	0.0	32.3





#17

2-Methylphenol

Concen: 44.927 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

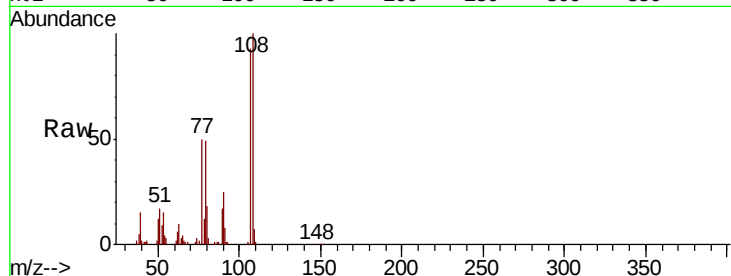
ClientSampleId :

PB124338BS

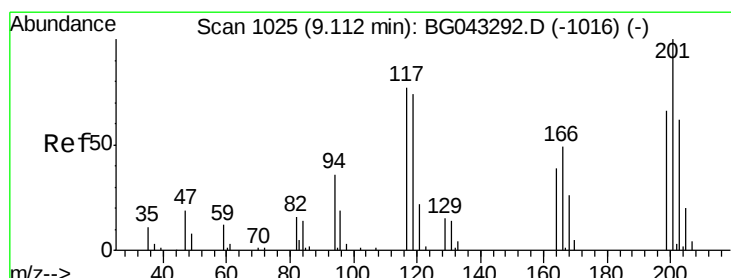
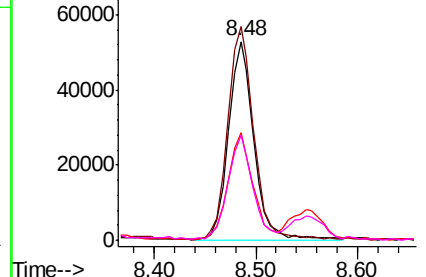
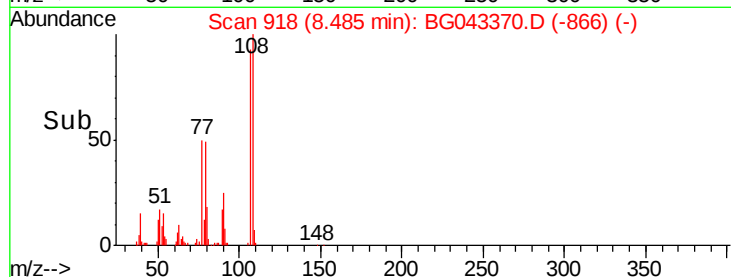
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.4	91.3	136.9	
77	53.8	43.0	64.6	
79	52.7	43.4	65.2	

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



#18

Hexachloroethane

Concen: 40.586 ng

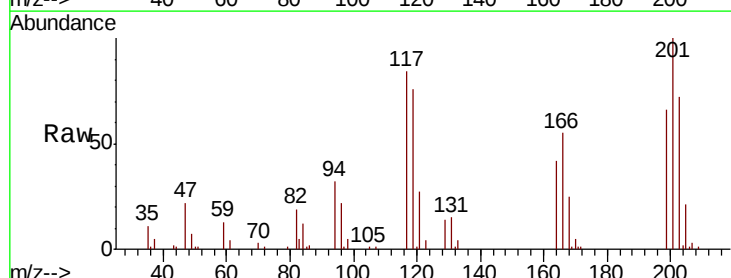
RT: 9.11 min Scan# 1024

Delta R.T. -0.00 min

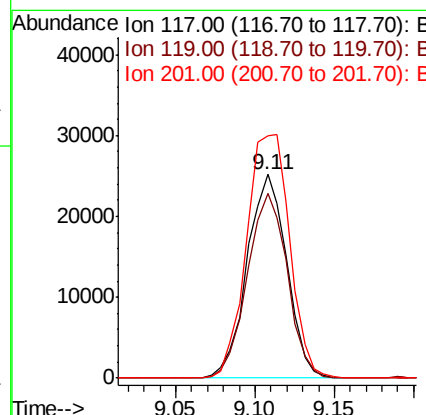
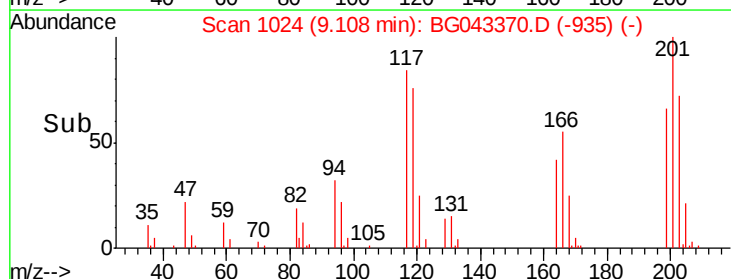
Lab File: BG043370.D

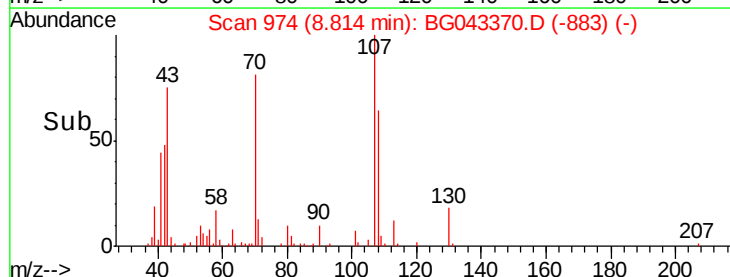
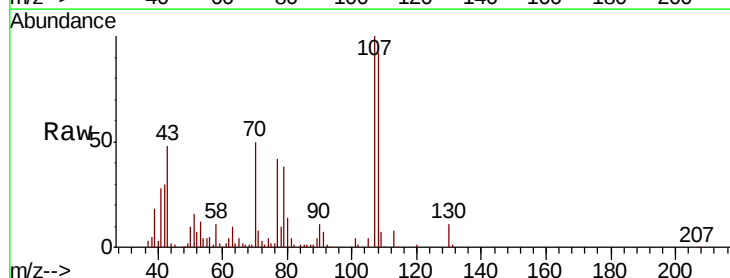
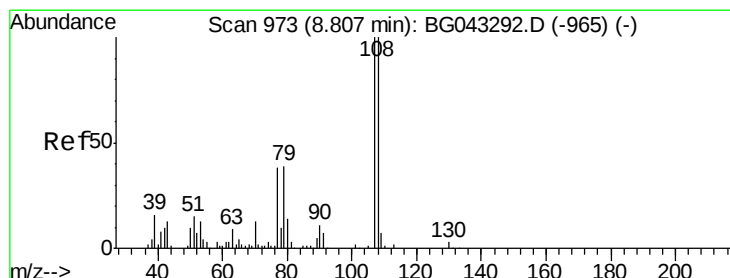
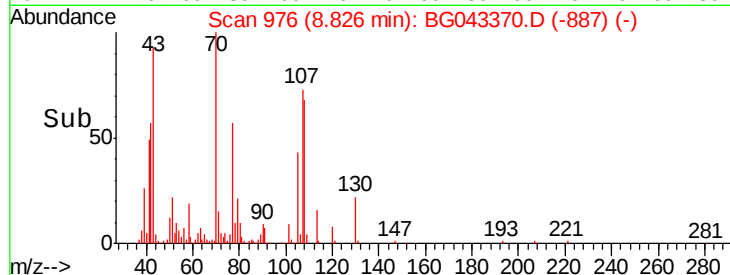
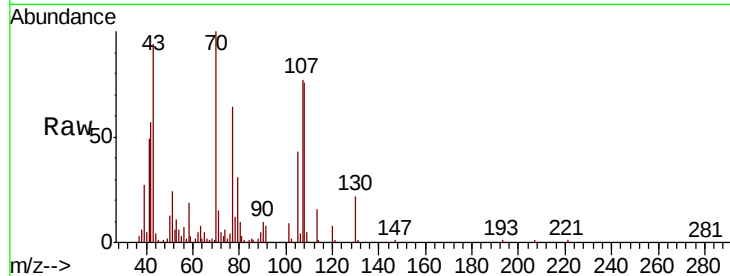
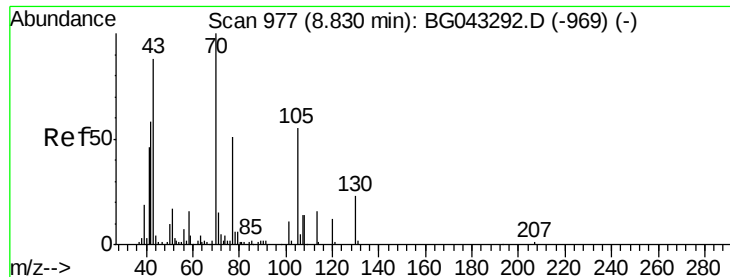
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.5	77.3	115.9	
201	119.1	104.2	156.4	



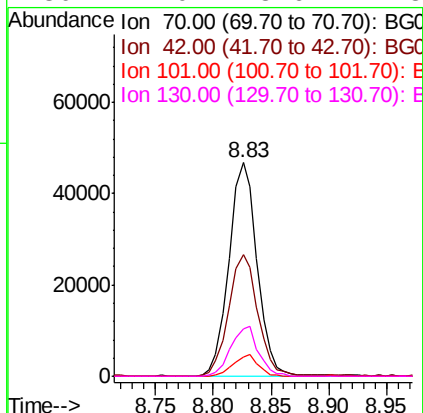
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.049 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	46.2	69.2	
101	9.3	8.6	13.0	
130	22.0	18.6	27.8	



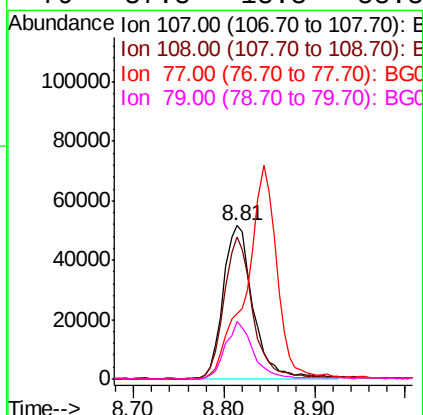
Instrument :
BNA_G
ClientSampleId :
PB124338BS

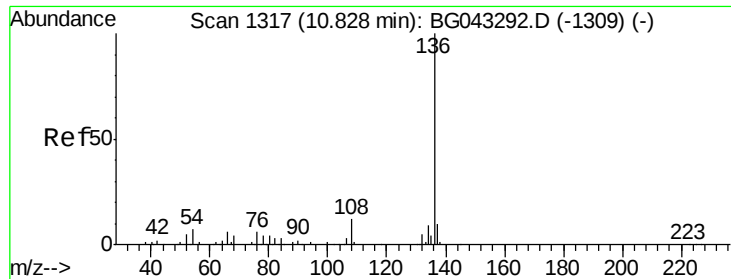
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.521 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.2	80.3	120.3	
77	42.4	18.2	58.2	
79	37.8	18.8	58.8	





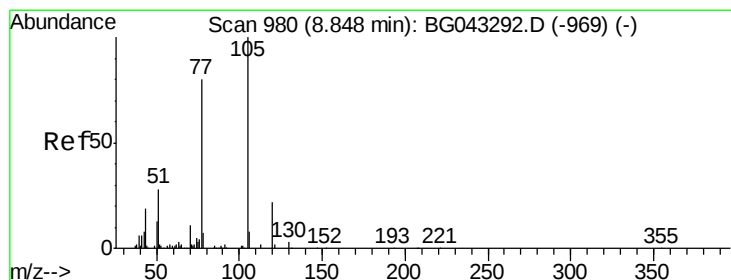
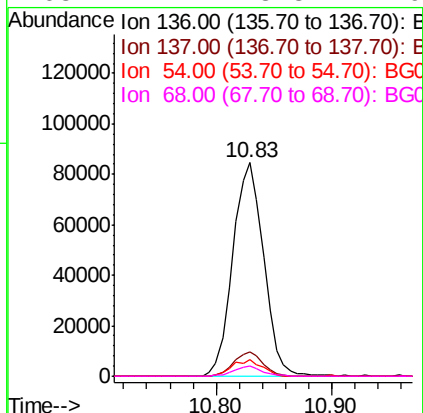
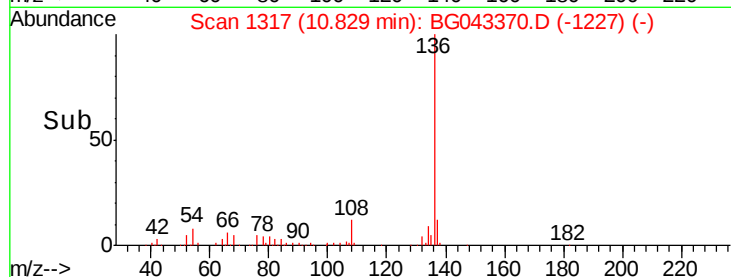
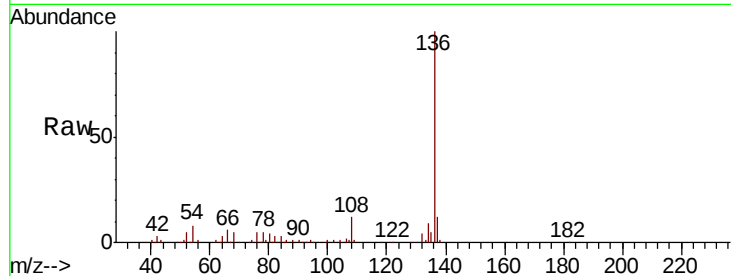
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	156930		
137	11.6	8.2	12.2	
54	7.6	5.4	8.2	
68	4.7	3.3	4.9	

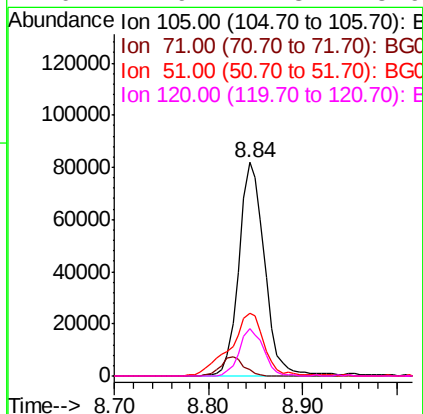
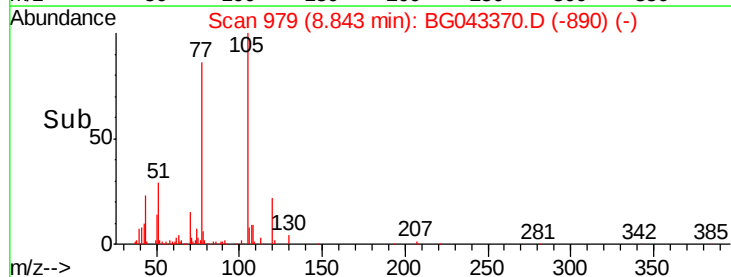
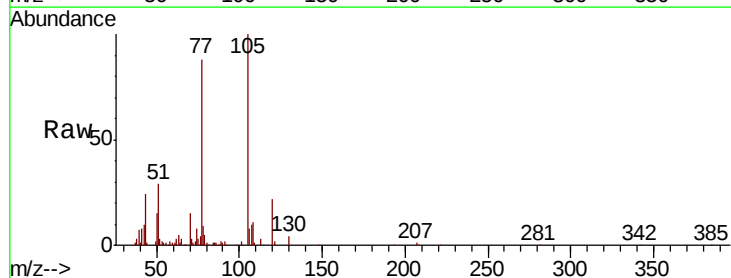
Manual Integrations
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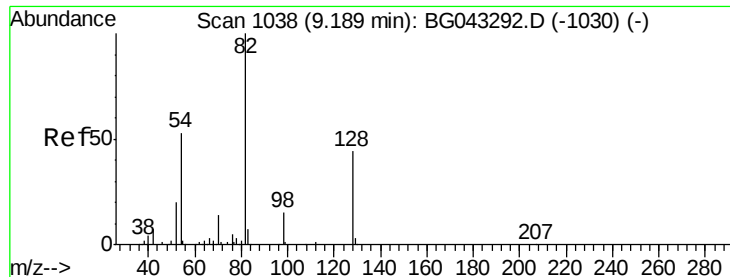
mohammad
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#22
Acetophenone
Concen: 38.521 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154809		
71	3.2	1.5	2.3#	
51	29.2	23.9	35.9	
120	21.9	17.3	25.9	





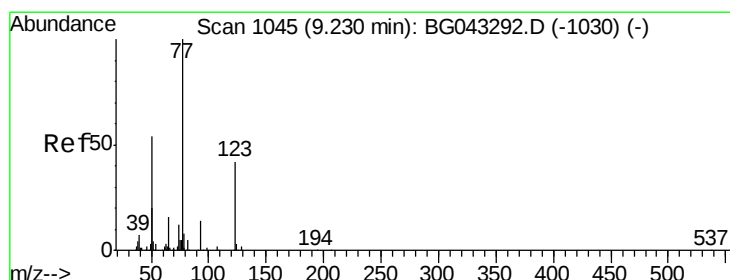
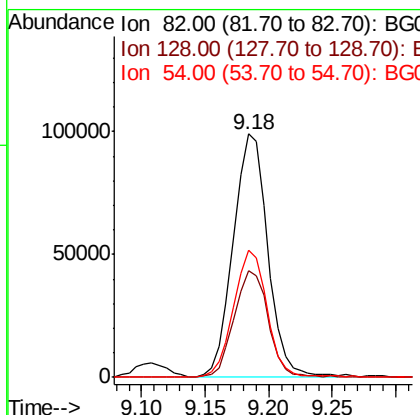
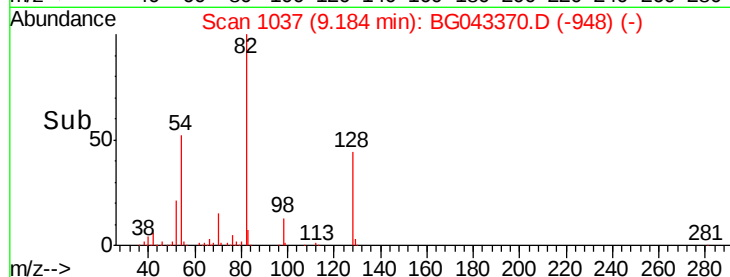
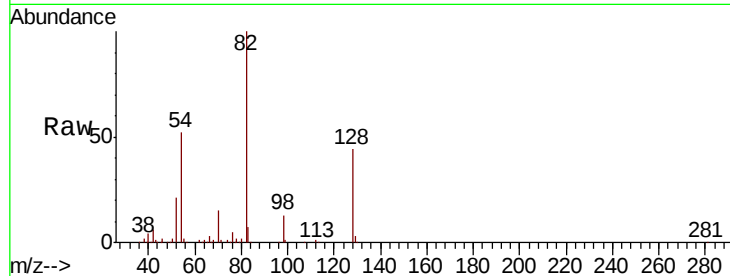
#23
 Nitrobenzene-d5
 Concen: 61.236 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	82	Resp	186401
Ion Ratio	100	Lower	Upper
82	100		
128	43.7	35.3	52.9
54	52.3	42.3	63.5

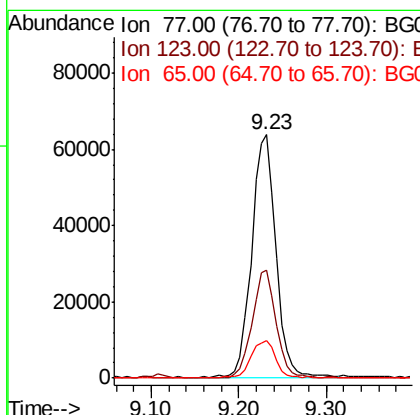
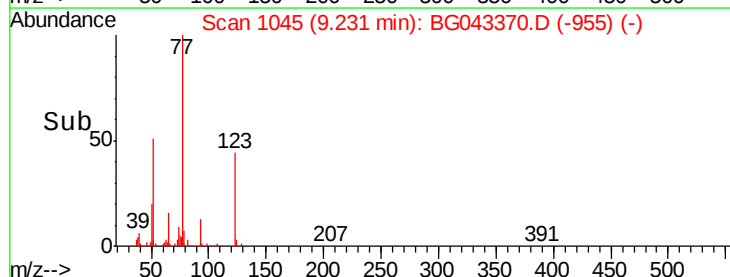
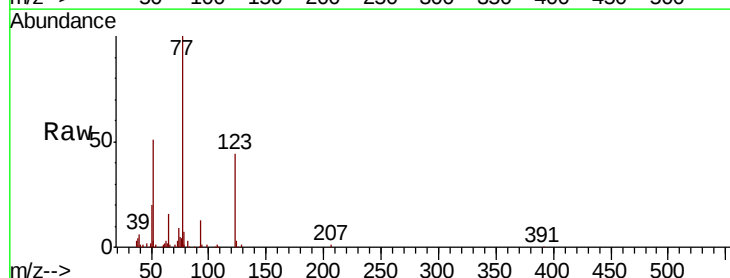
Manual Integrations
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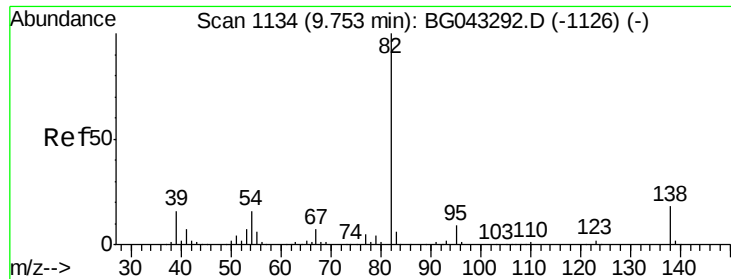
mohammad
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#24
 Nitrobenzene
 Concen: 41.412 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	77	Resp	120083
Ion Ratio	100	Lower	Upper
77	100		
123	44.3	33.8	50.8
65	15.5	13.0	19.4





#25

Isophorone

Concen: 39.931 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

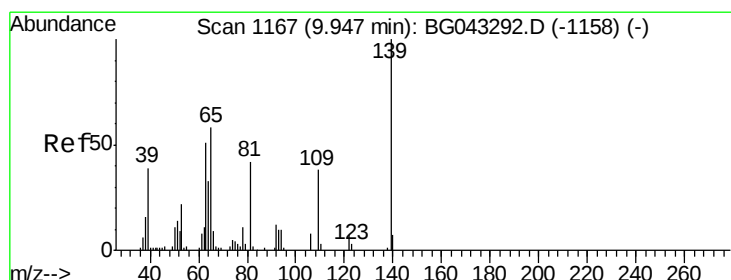
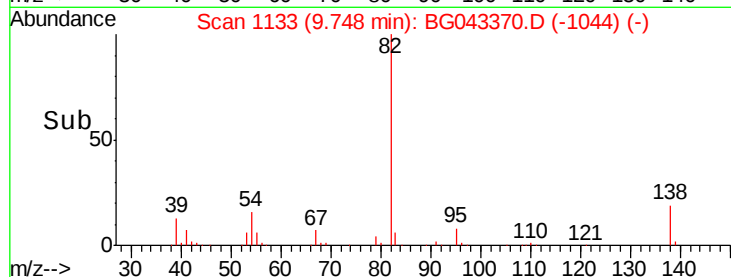
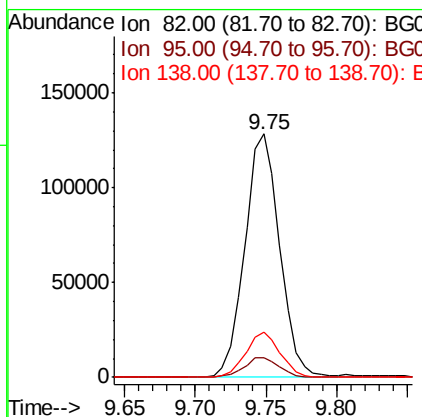
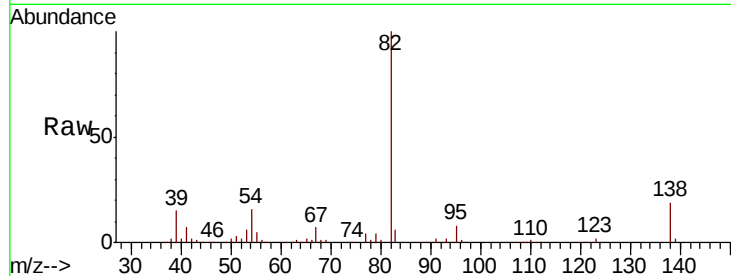
ClientSampleId :

PB124338BS

Tot Ion:	82	Resp:	222222
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.9	10.3
138	18.5	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.302 ng

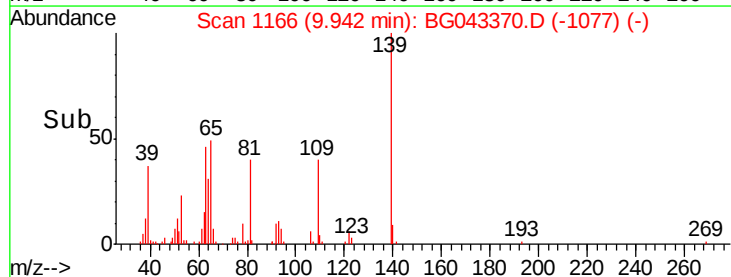
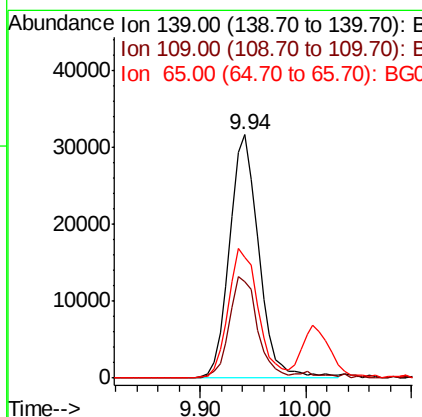
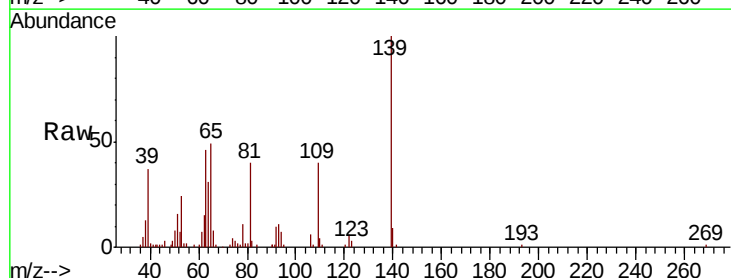
RT: 9.94 min Scan# 1166

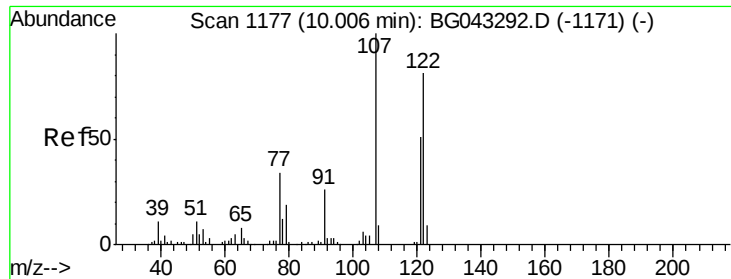
Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	139	Resp:	60620
Ion Ratio	Lower	Upper	
139	100		
109	39.8	30.1	45.1
65	49.4	46.1	69.1





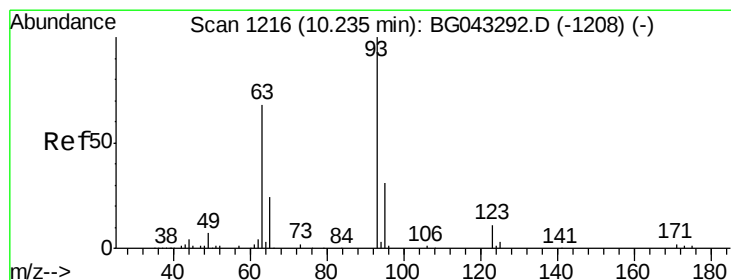
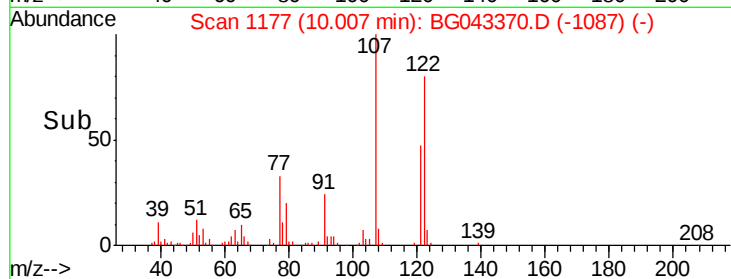
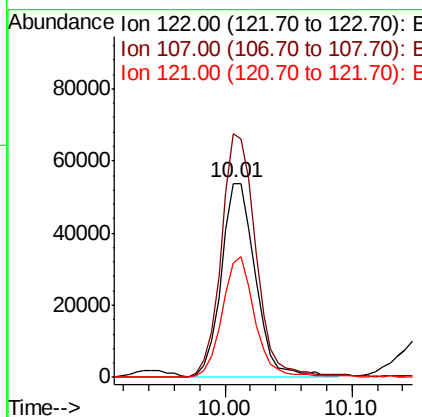
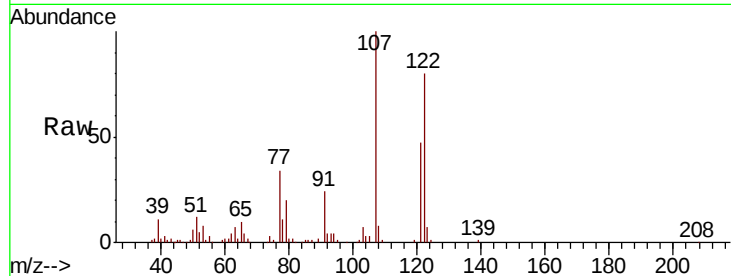
#27
2,4-Dimethylphenol
Concen: 49.276 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		98871		
107	125.7	98.6	147.8		
121	59.0	50.1	75.1		

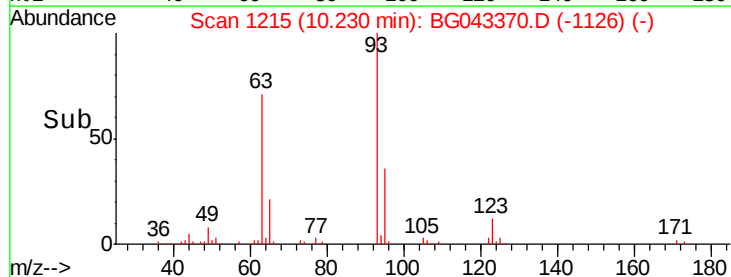
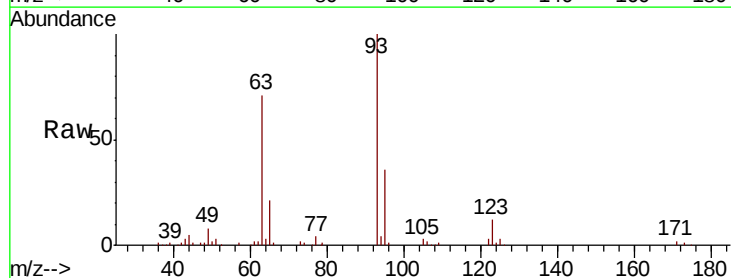
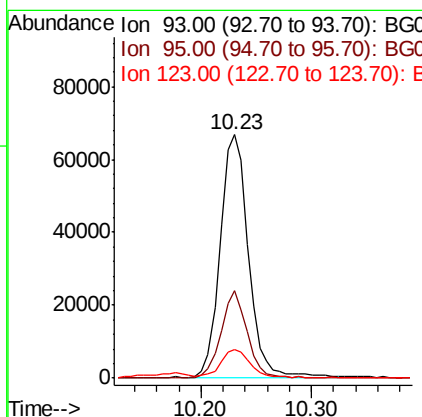
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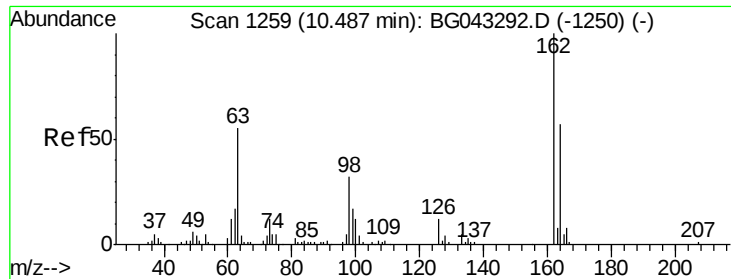
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.742 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		118996		
95	35.8	24.9	37.3		
123	11.9	8.9	13.3		





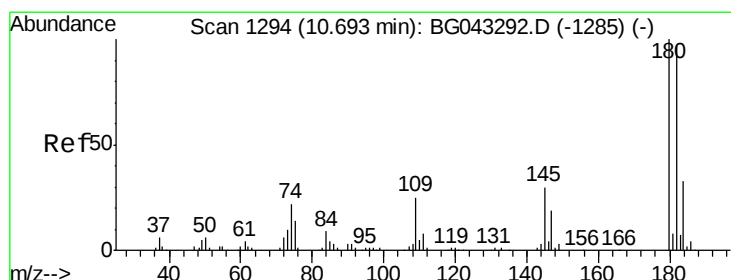
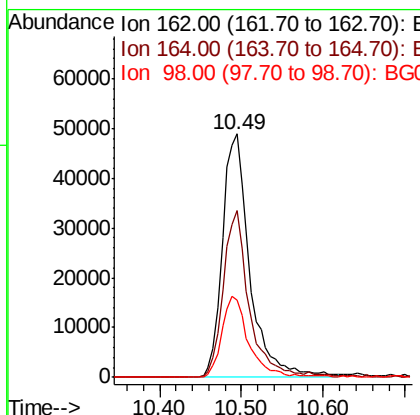
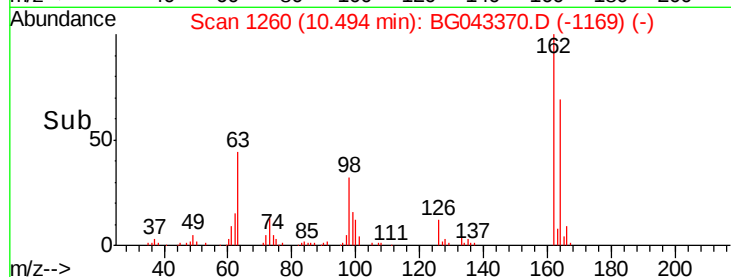
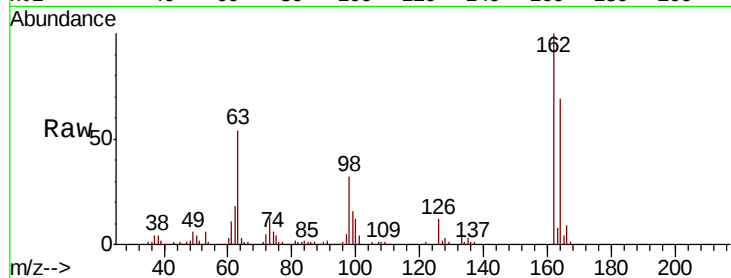
#29
 2,4-Dichlorophenol
 Concen: 44.334 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	37.3	77.3
98	31.7	11.8	51.8

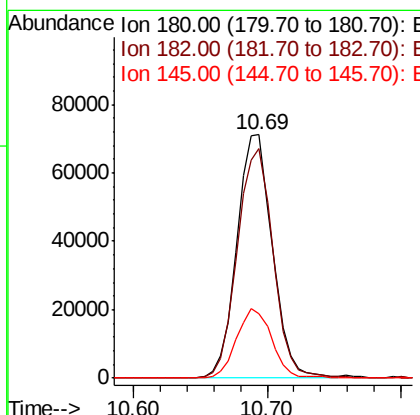
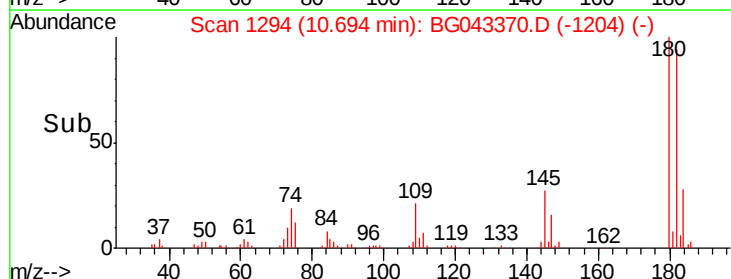
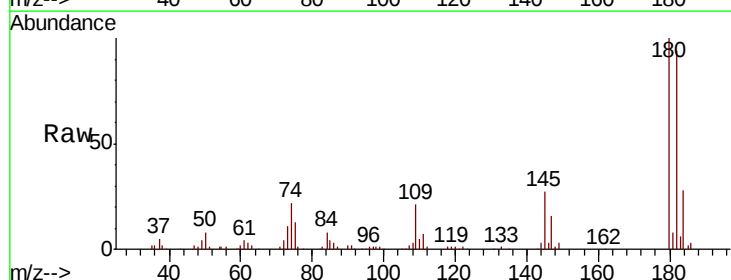
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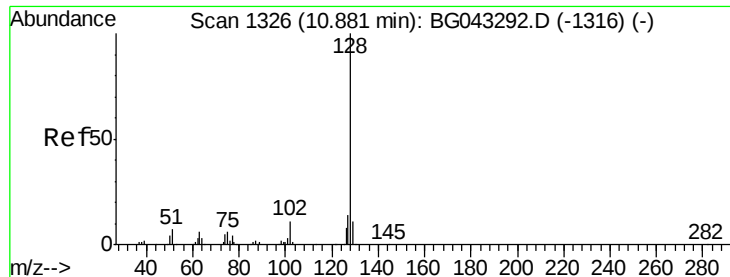
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.522 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.8
145	26.7	23.6	35.4





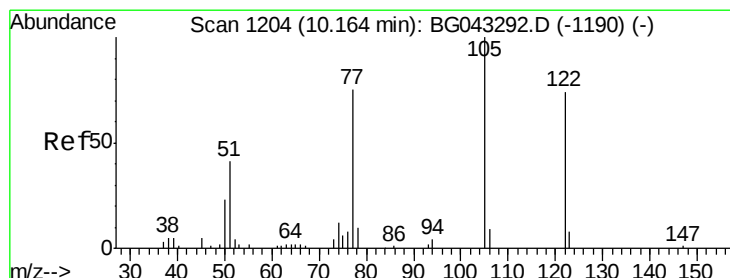
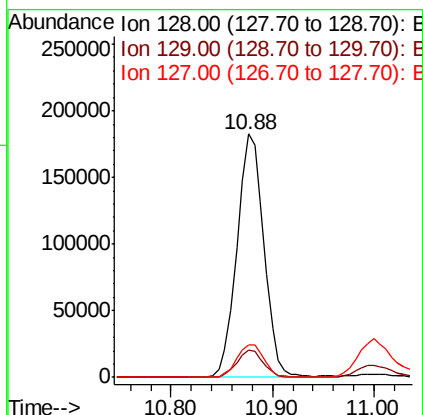
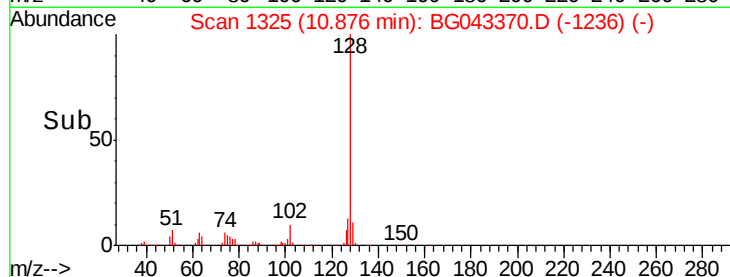
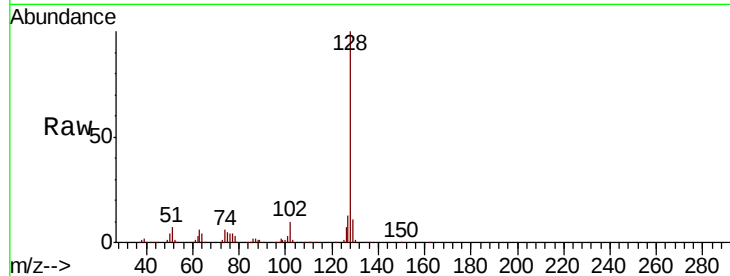
#31
Naphthalene
Concen: 42.260 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.6	12.8	
127	13.4	11.5	17.3	

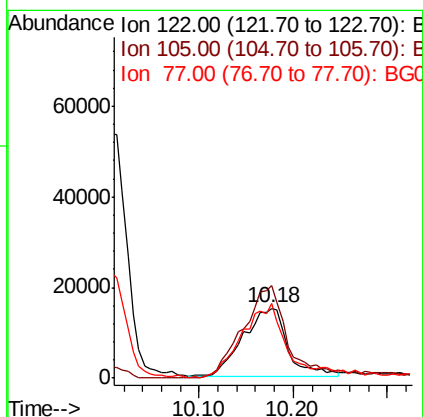
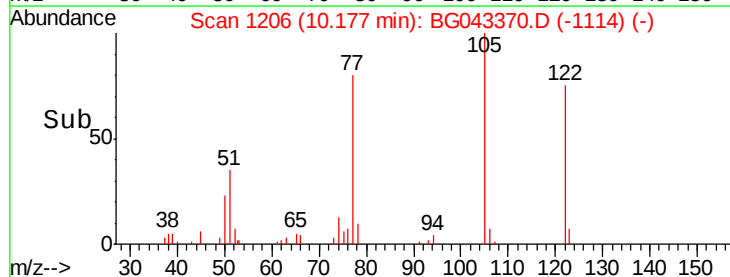
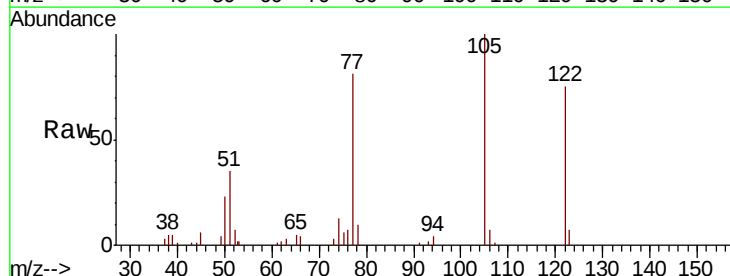
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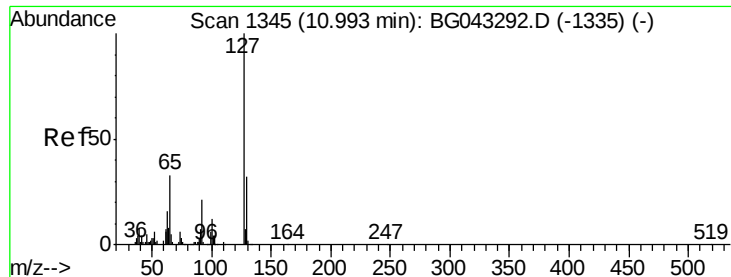
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#32
Benzoic acid
Concen: 35.061 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.0	112.4	152.4	
77	108.0	82.7	122.7	





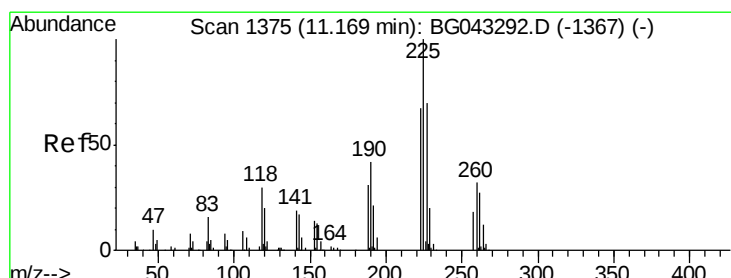
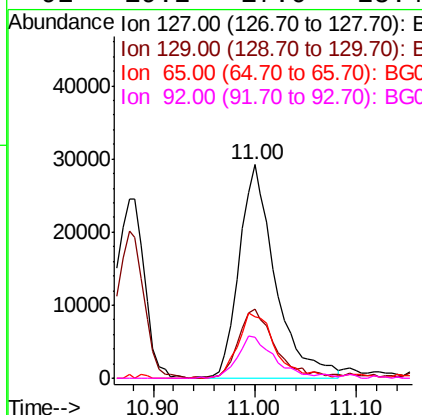
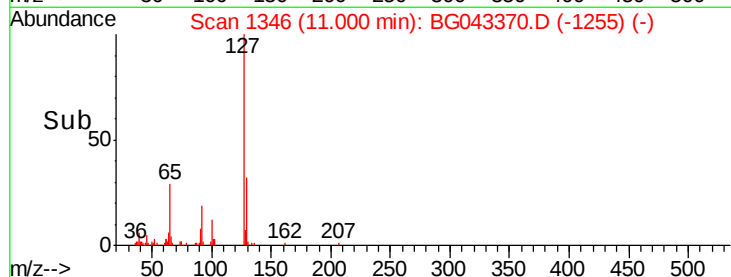
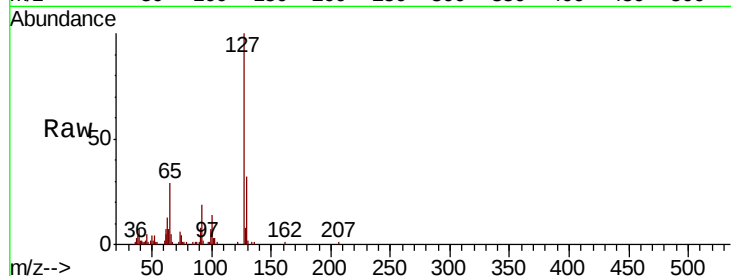
#33
4-Chloroaniline
Concen: 22.233 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	29.0	26.2	39.2		
92	19.2	17.0	25.4		

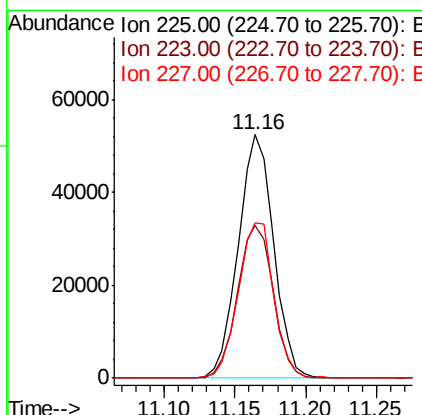
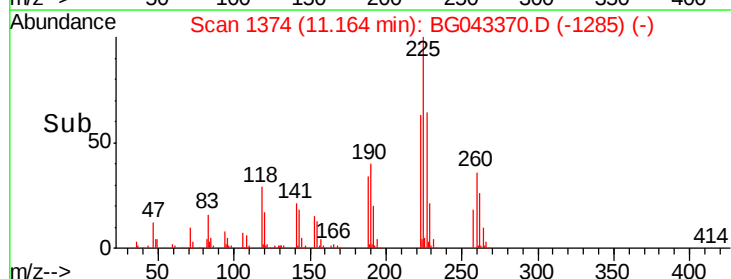
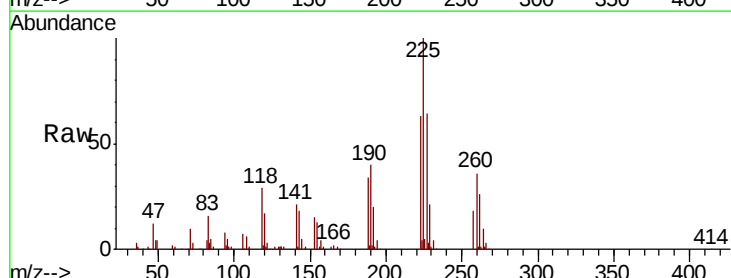
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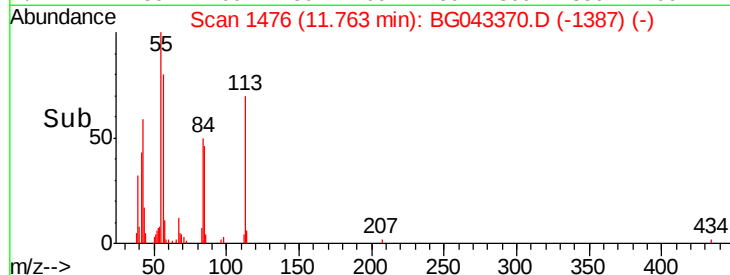
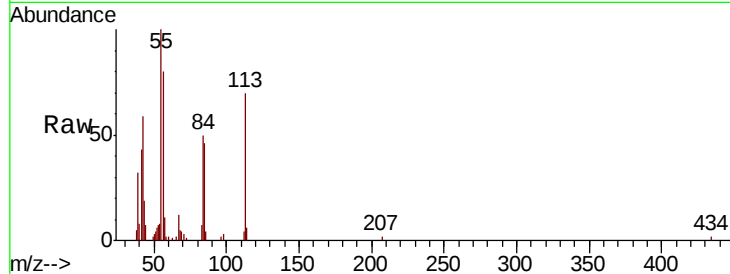
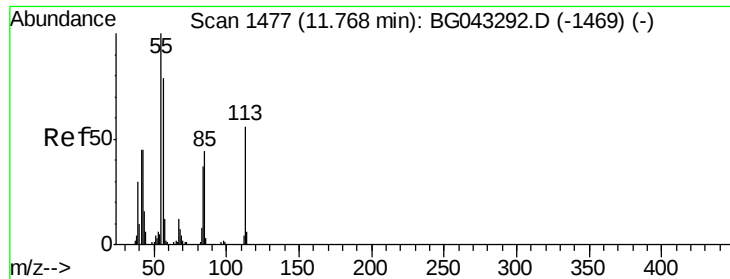
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#34
Hexachlorobutadiene
Concen: 38.423 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	53.2	79.8		
227	63.6	56.2	84.2		





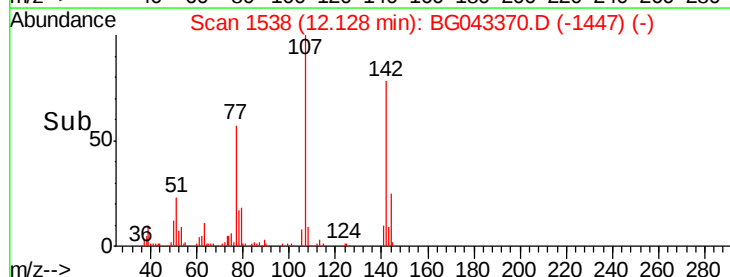
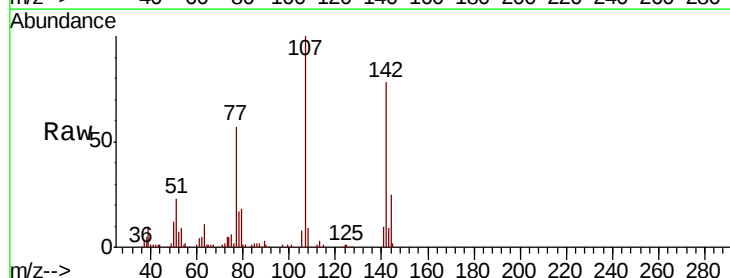
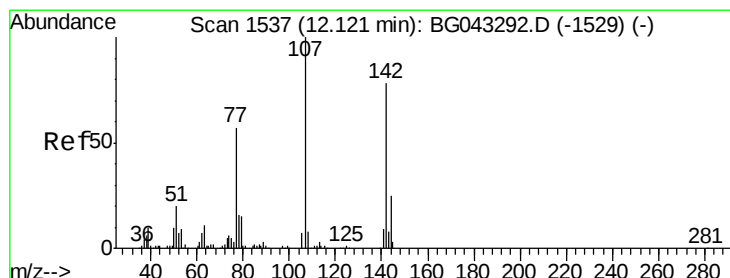
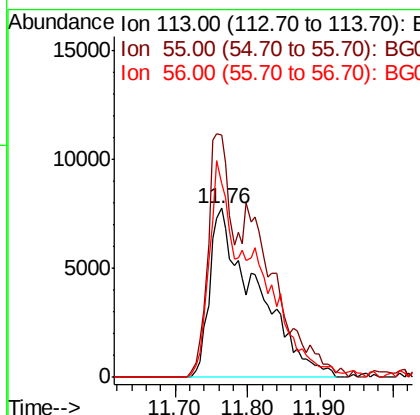
#35
Caprolactam
Concen: 39.664 ng m
RT: 11.76 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.7	158.9	198.9#
56	114.4	121.4	161.4#

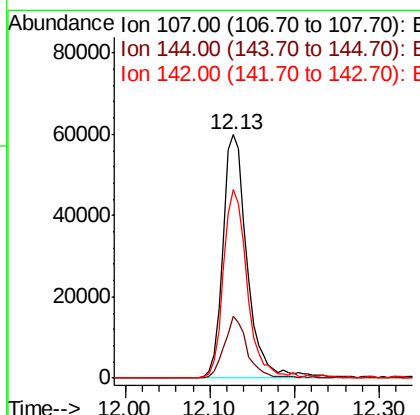
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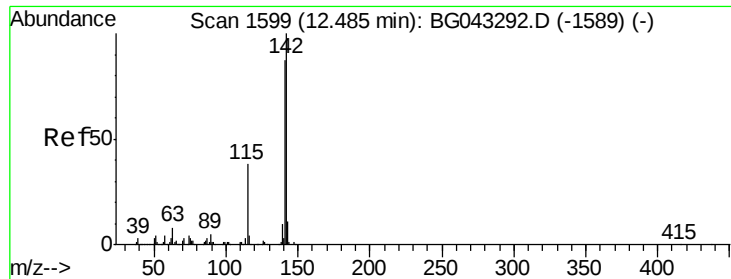
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#36
4-Chloro-3-methylphenol
Concen: 42.404 ng
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.9	29.9
142	77.6	62.1	93.1





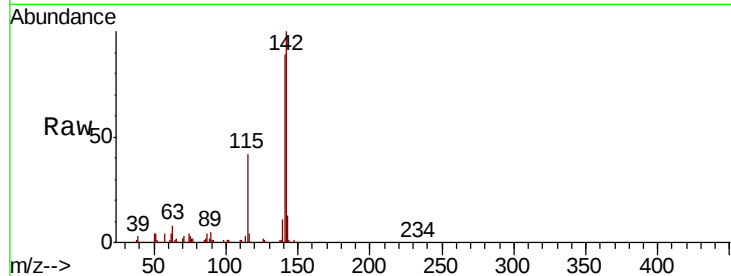
#37
2-Methylnaphthalene
Concen: 41.592 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.7	104.5
115	41.6	30.6	46.0

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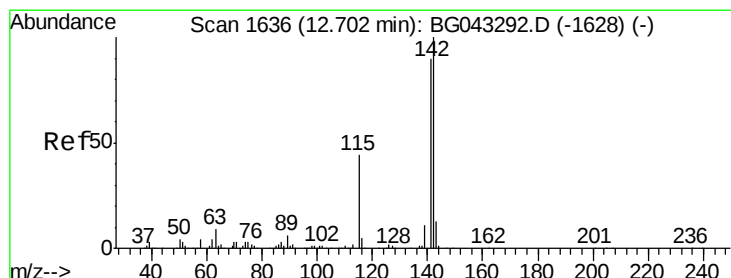
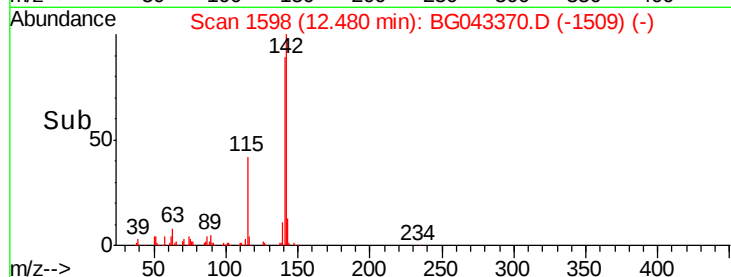
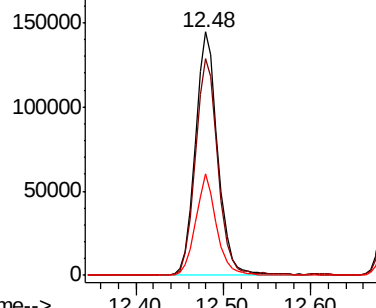


Abundance

Ion 142.00 (141.70 to 142.70): E

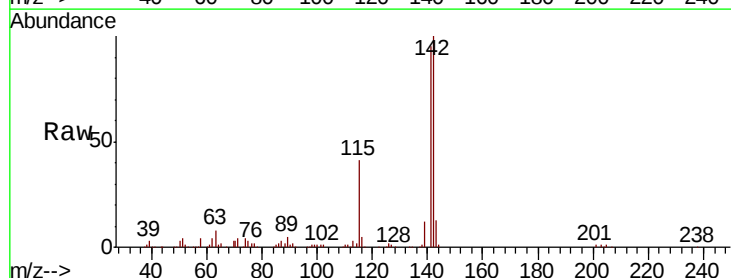
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.256 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	72.3	108.5
116	4.6	3.8	5.6

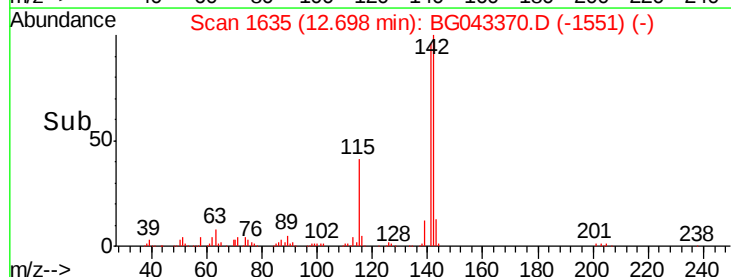
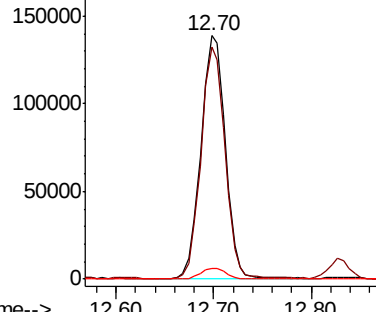


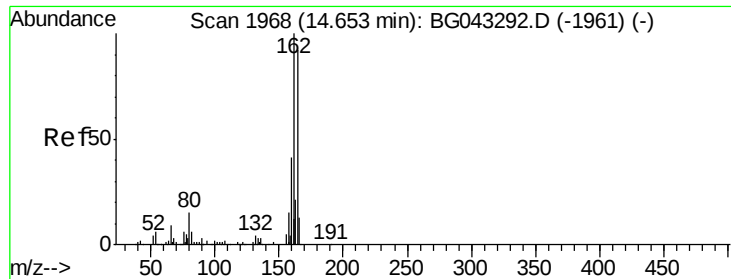
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





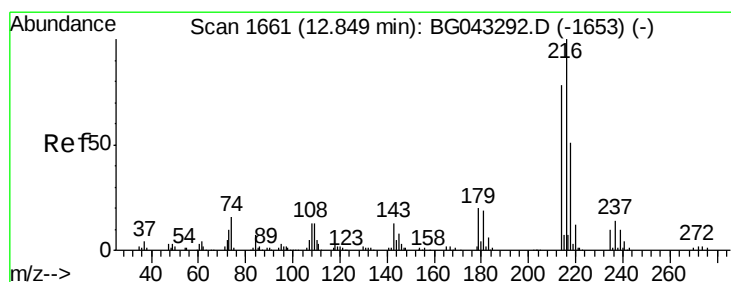
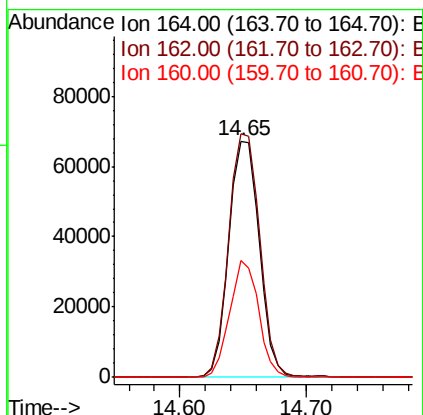
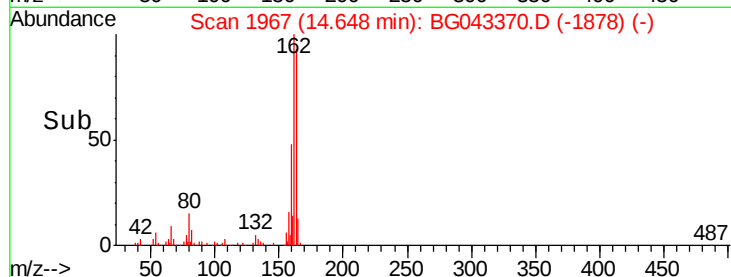
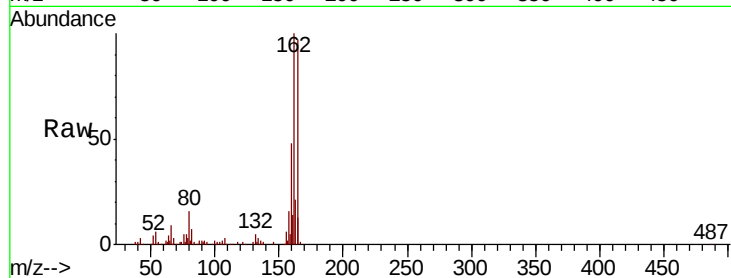
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	87.0	130.4
160	49.8	35.5	53.3

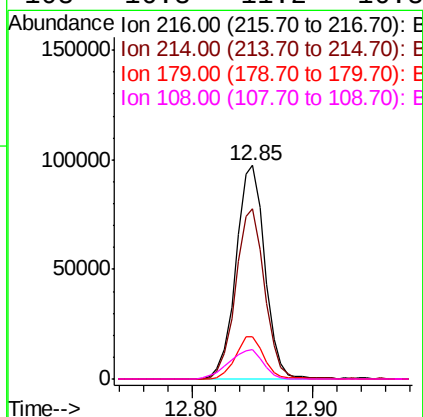
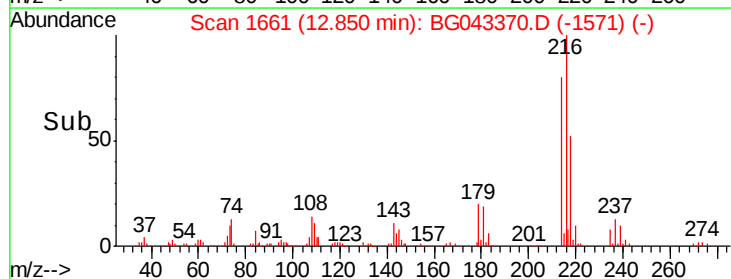
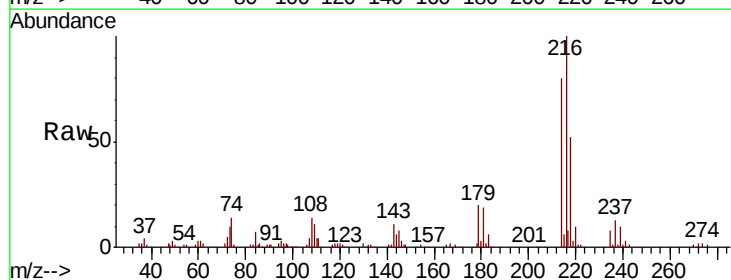
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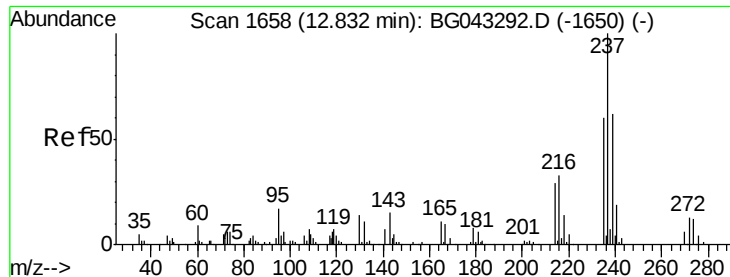
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.466 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.5	95.3
179	19.4	16.2	24.2
108	16.3	11.2	16.8





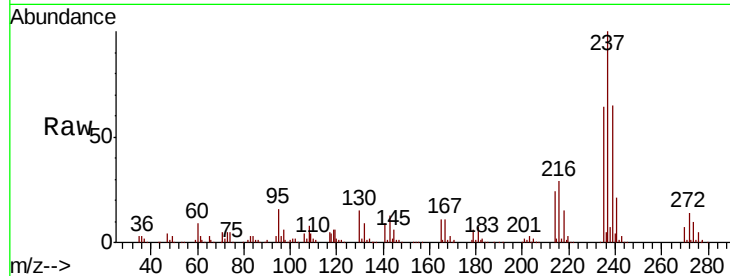
#41
Hexachlorocyclopentadiene
Concen: 83.838 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

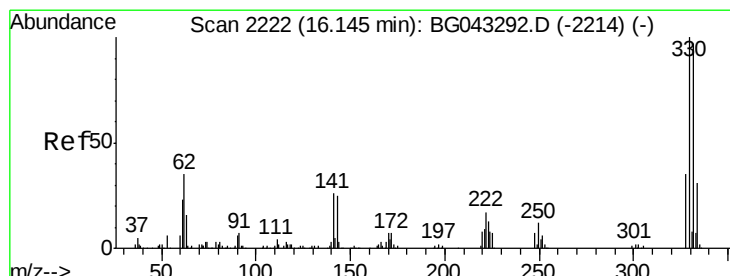
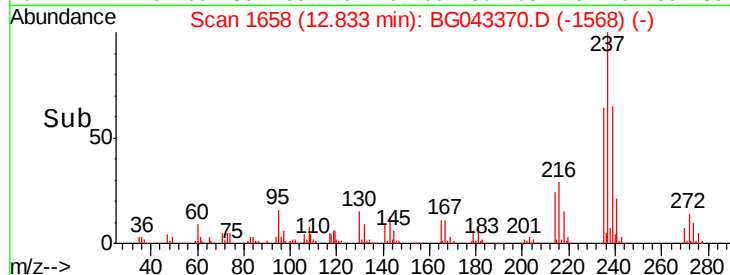
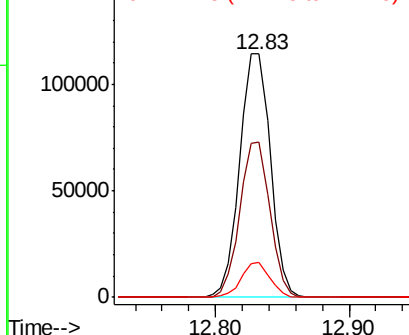
Tot Ion:	237	Resp:	181932
Ion Ratio	Lower	Upper	
237	100		
235	63.5	40.3	80.3
272	14.2	0.0	32.9

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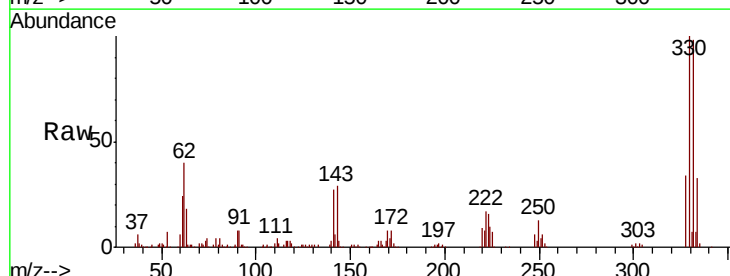


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

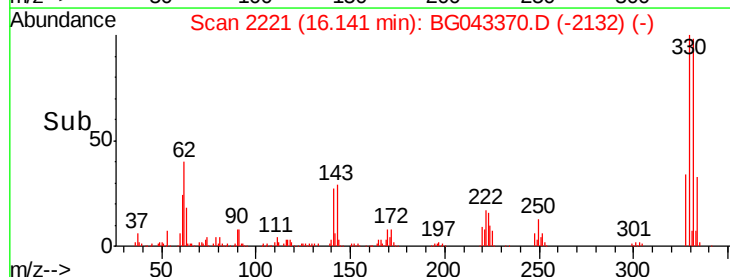
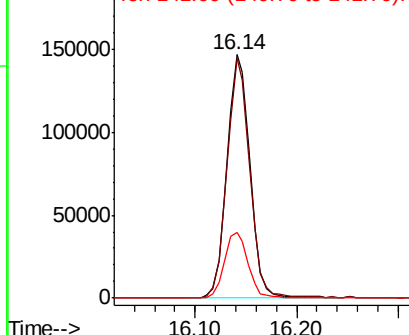


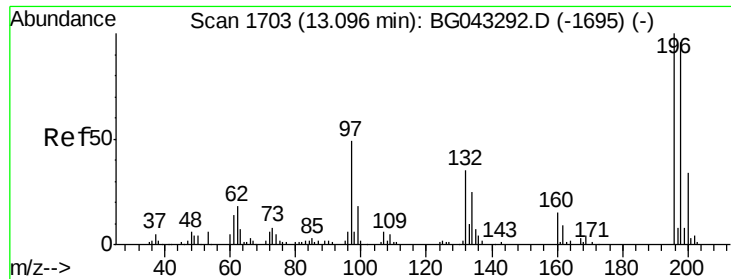
#42
2,4,6-Tribromophenol
Concen: 108.674 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion:	330	Resp:	230844
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.4	114.6
141	27.8	21.4	32.0



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





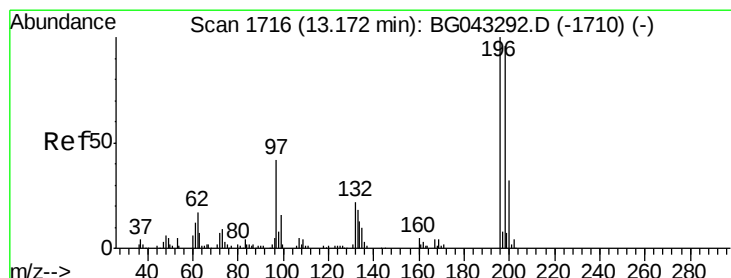
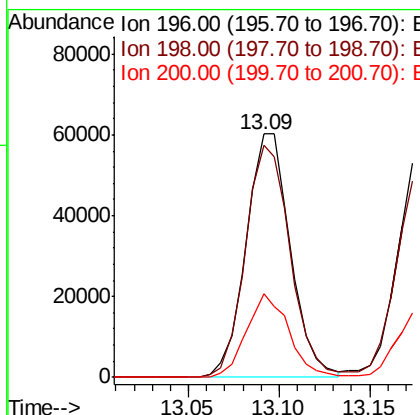
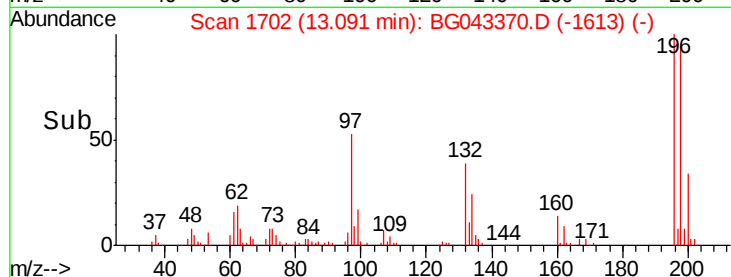
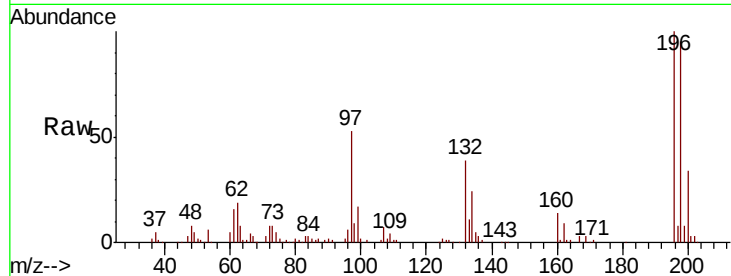
#43
 2,4,6-Trichlorophenol
 Concen: 42.288 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	102878		
198	95.4	77.0	115.4	
200	34.2	27.4	41.2	

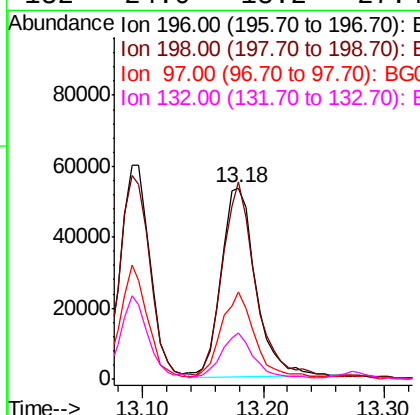
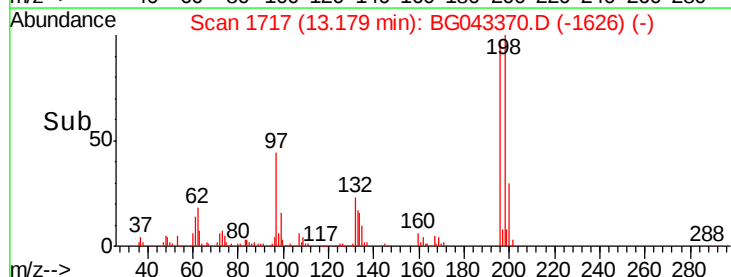
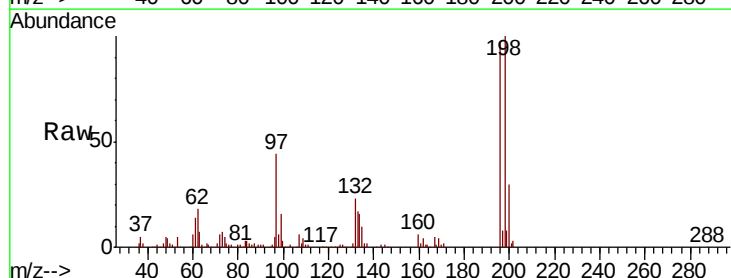
Manual Integrations
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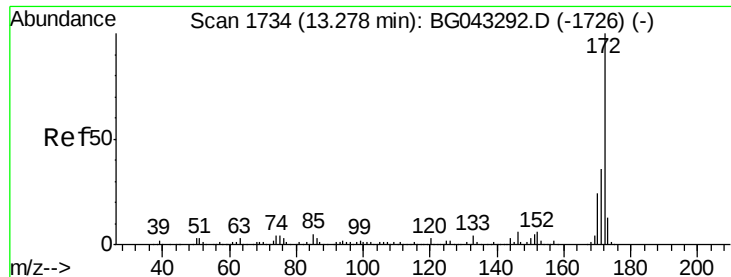
mohammad
 10/30/2019 4:54:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.207 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106268		
198	102.9	76.6	114.8	
97	45.3	34.1	51.1	
132	24.0	18.2	27.4	





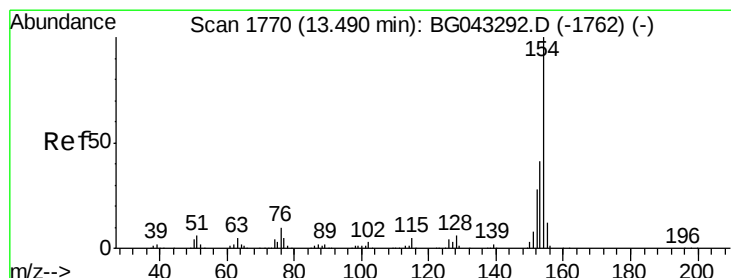
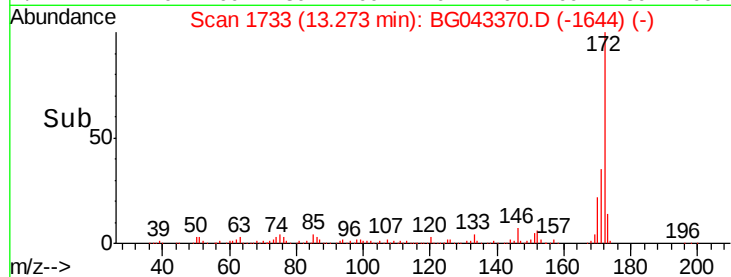
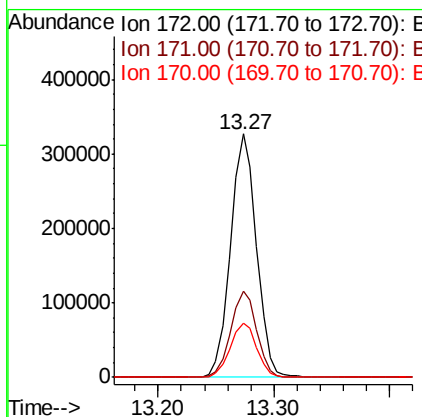
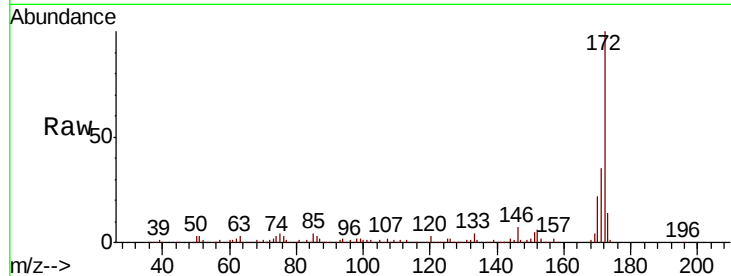
#45
2-Fluorobiphenyl
Concen: 62.758 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		506964		
171	35.4	28.5		42.7	
170	22.3	18.8		28.2	

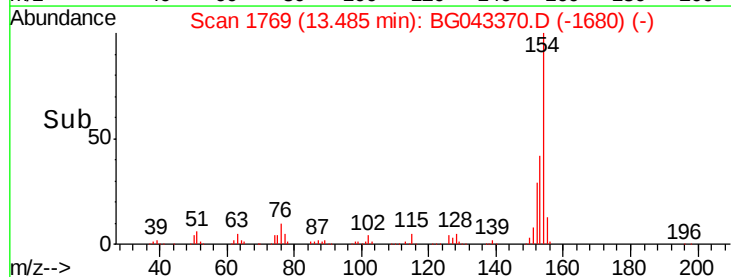
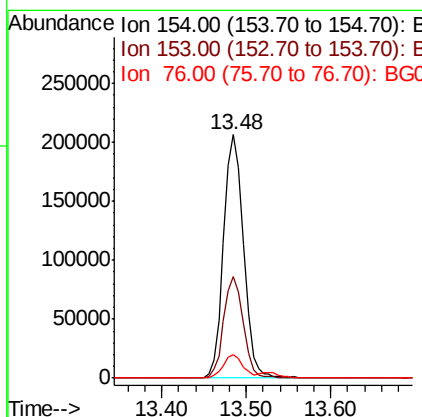
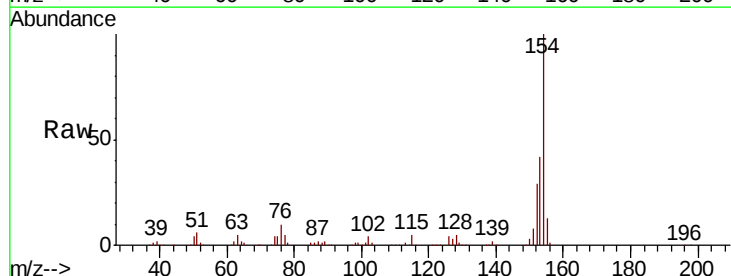
Manual Integrations
APPROVED

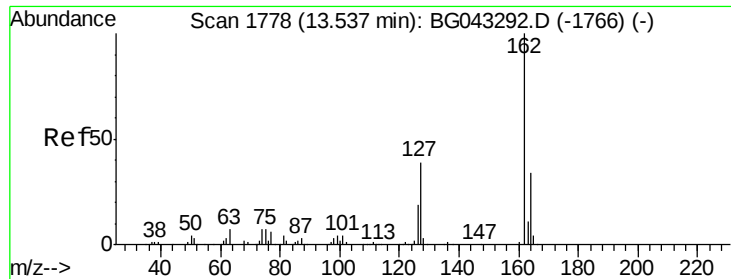
mohammad
10/30/2019 4:54:22 PM



#46
1,1'-Biphenyl
Concen: 39.907 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		338878		
153	41.9	21.0		61.0	
76	9.8	0.0		29.8	





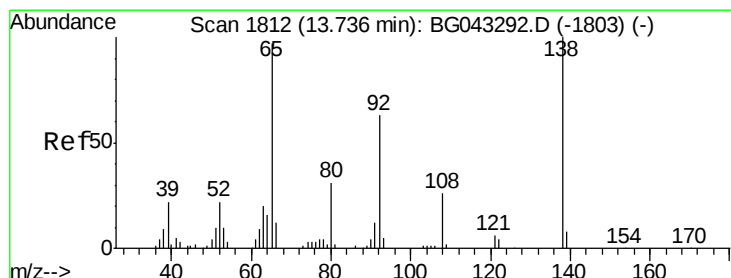
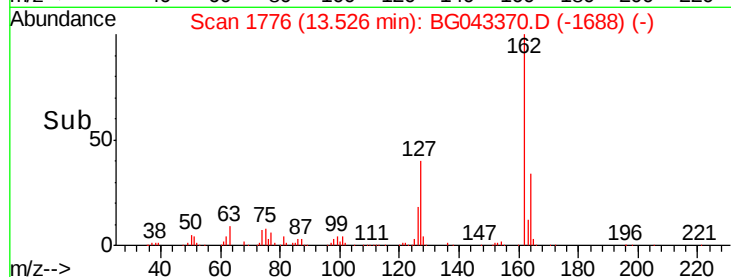
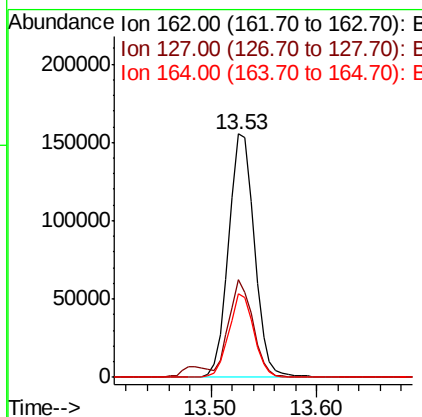
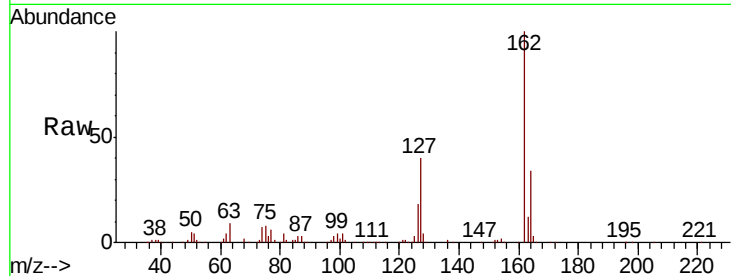
#47
2-Chloronaphthalene
Concen: 40.656 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.3	46.9
164	34.2	26.8	40.2

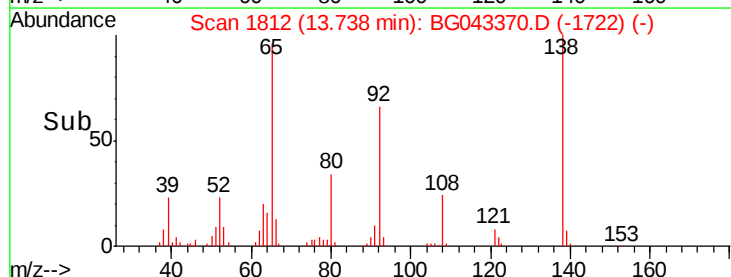
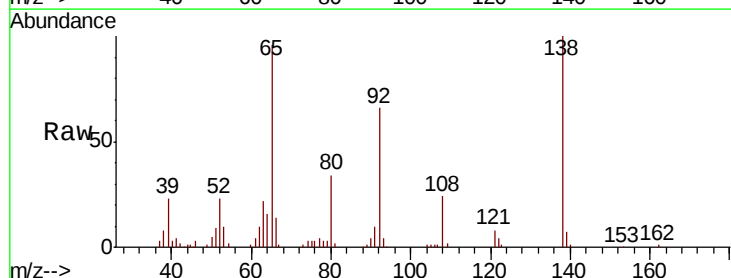
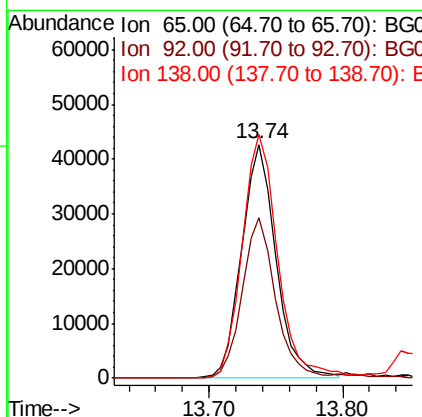
Manual Integrations
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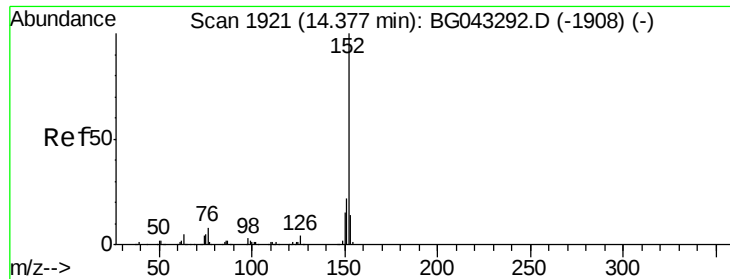
mohammad
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#48
2-Nitroaniline
Concen: 39.325 ng
RT: 13.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.6	79.0
138	104.2	82.9	124.3





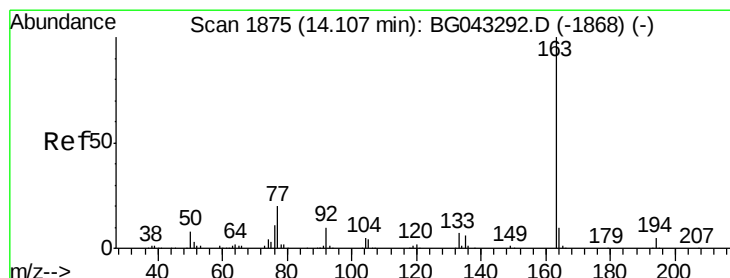
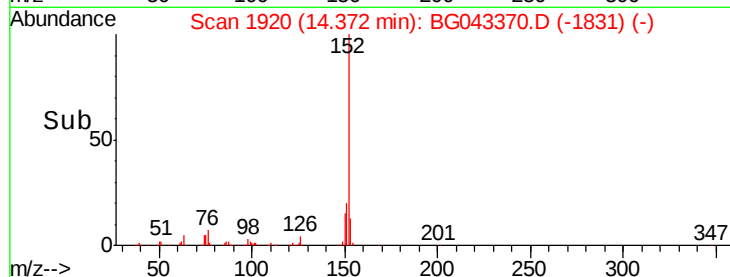
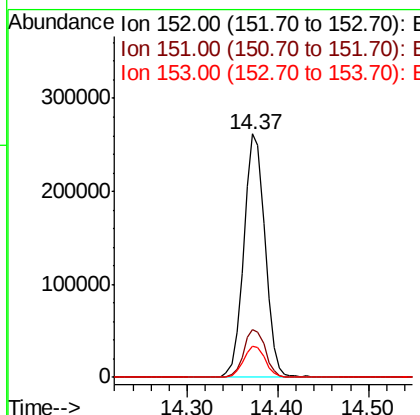
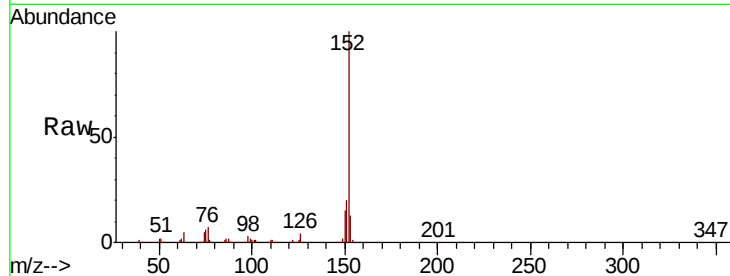
#49
Acenaphthylene
Concen: 42.240 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.2	25.8
153	13.0	11.0	16.6

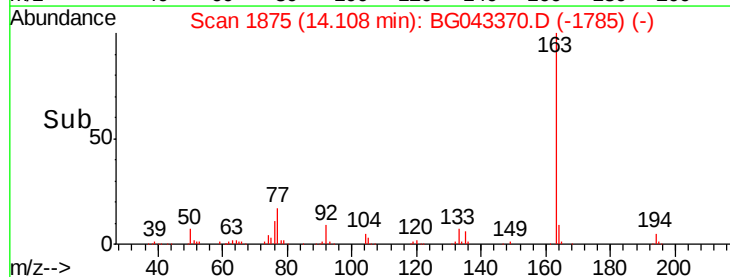
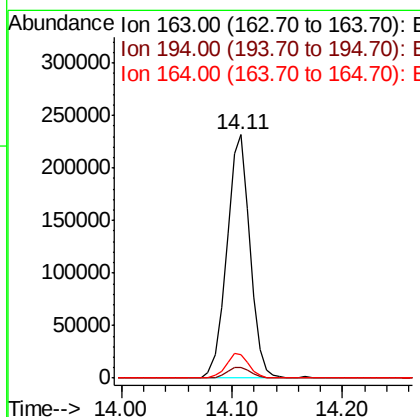
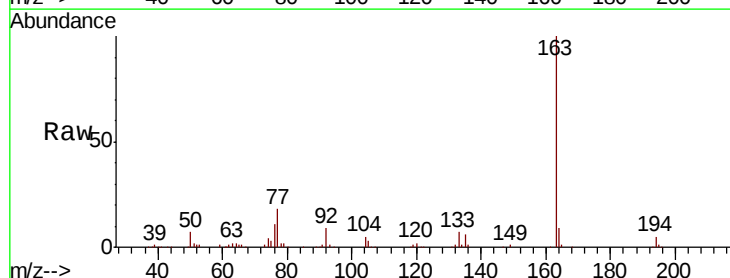
Manual Integrations
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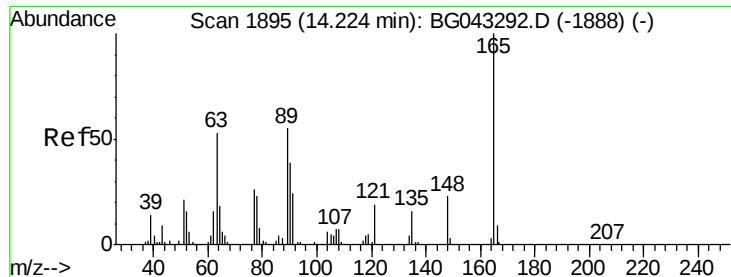
mohammad
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#50
Dimethylphthalate
Concen: 39.197 ng
RT: 14.11 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	9.4	8.1	12.1





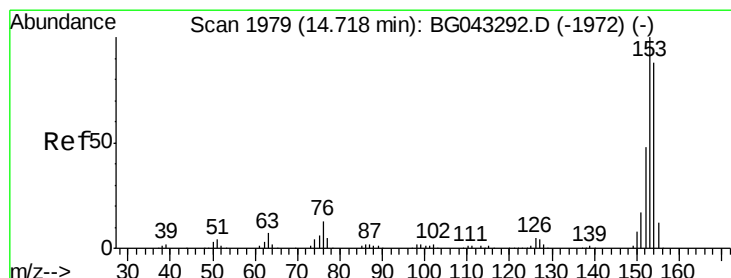
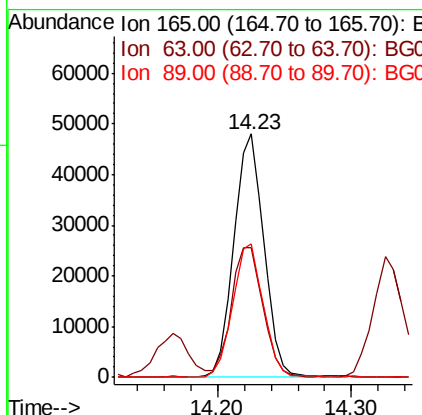
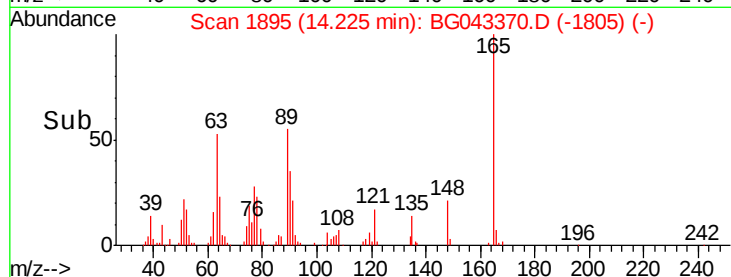
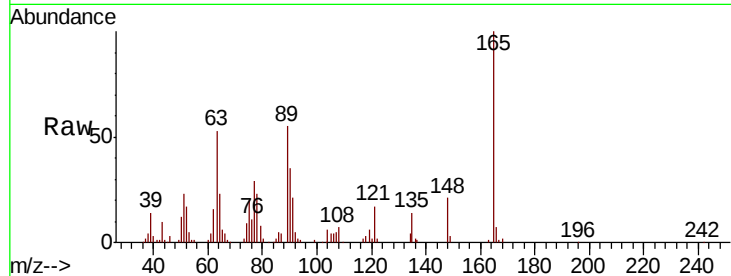
#51
2,6-Dinitrotoluene
Concen: 39.951 ng
RT: 14.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	47.1	70.7
89	54.7	43.7	65.5

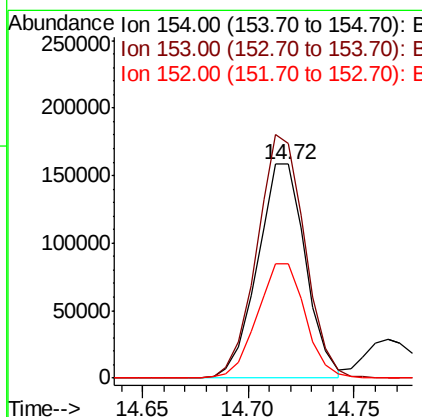
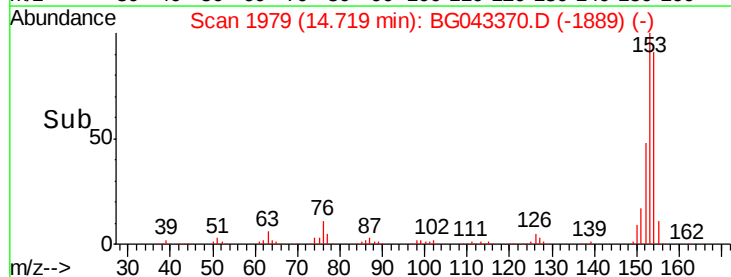
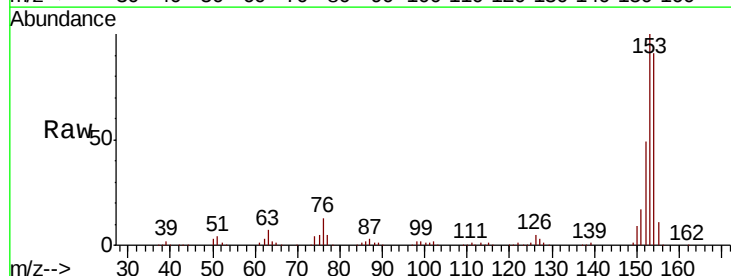
Manual Integrations
APPROVED

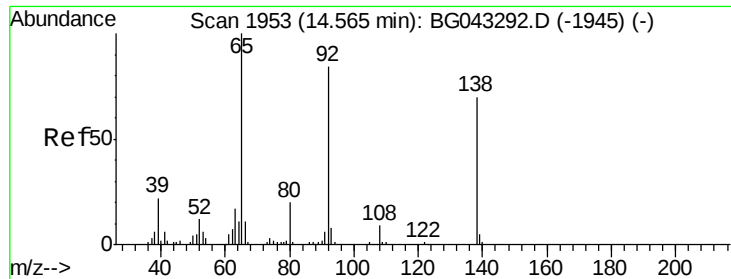
mohammad
10/30/2019 4:54:22 PM



#52
Acenaphthene
Concen: 40.841 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	90.9	136.3
152	53.3	43.9	65.9





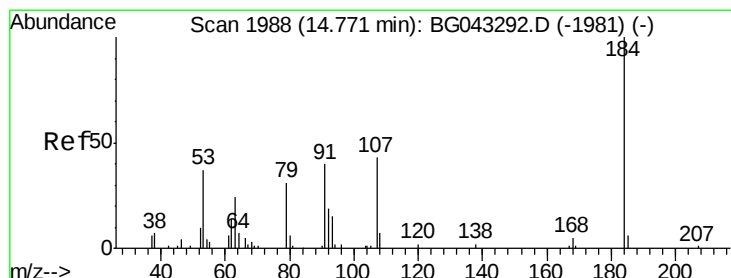
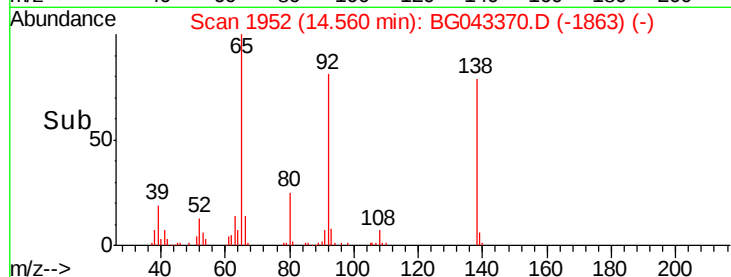
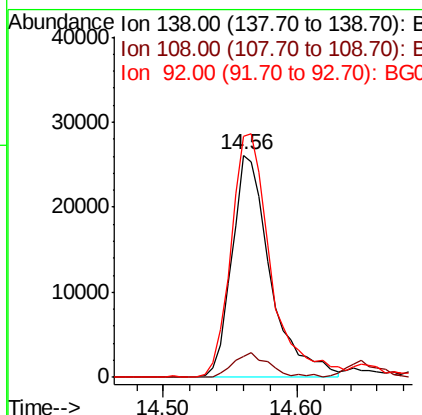
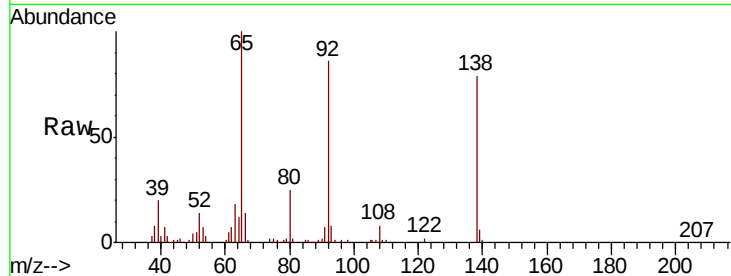
#53
3-Nitroaniline
Concen: 28.898 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.8	14.6#
92	108.4	95.8	143.6

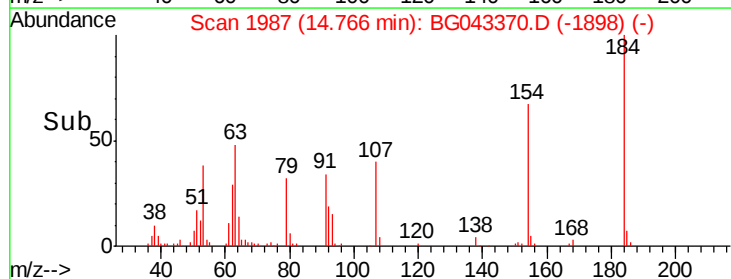
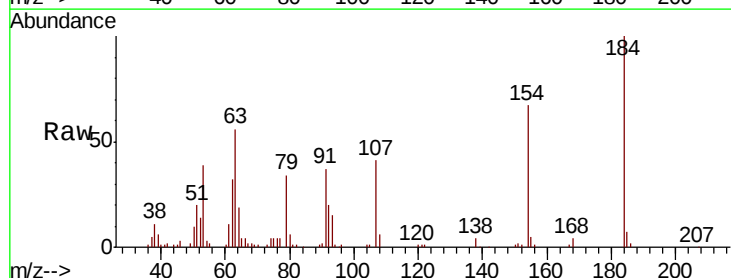
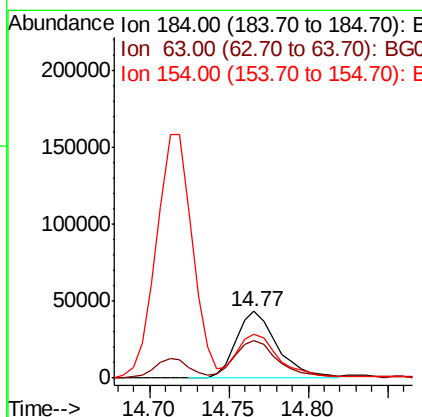
Manual Integrations
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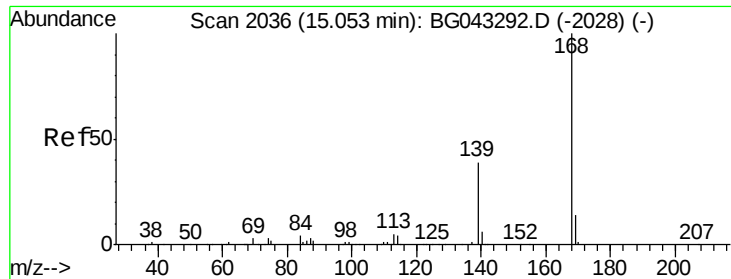
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.074 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	48.8	73.2
154	66.5	49.4	74.0





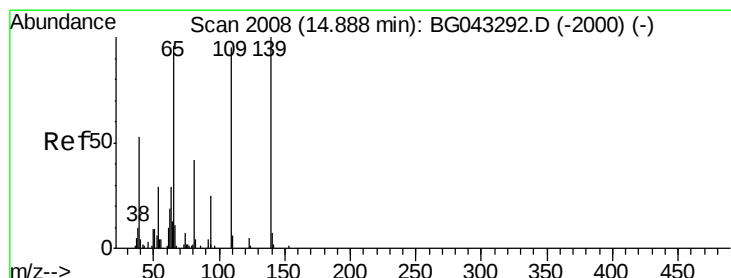
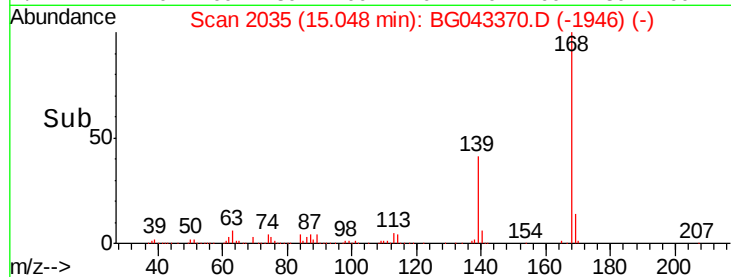
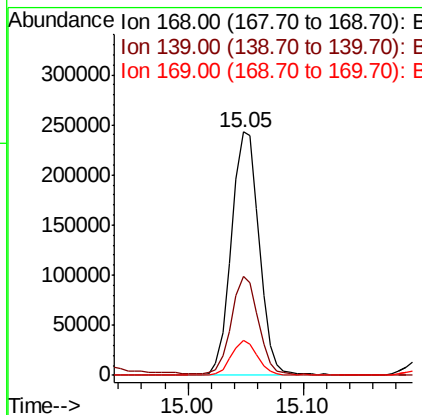
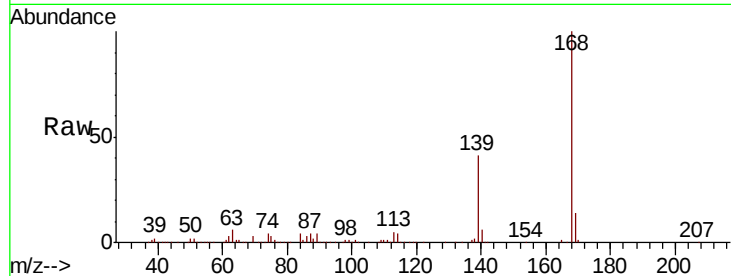
#55
Dibenzofuran
Concen: 40.766 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.7	47.5
169	14.2	11.0	16.4

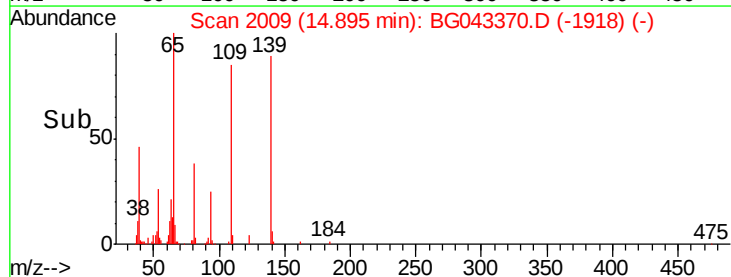
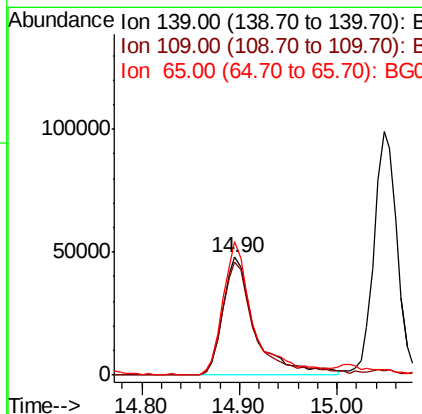
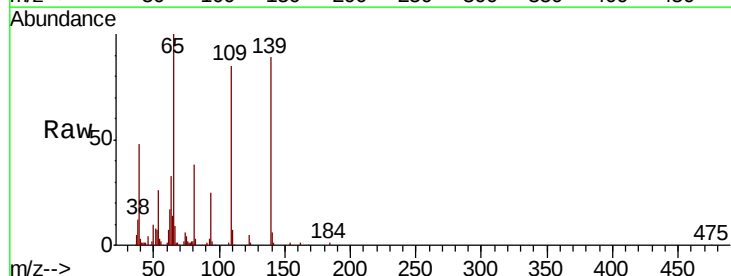
Manual Integrations
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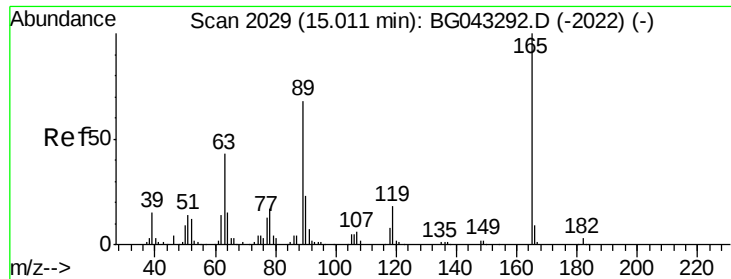
mohammad
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#56
4-Nitrophenol
Concen: 90.591 ng
RT: 14.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	75.4	115.4
65	112.9	76.6	116.6





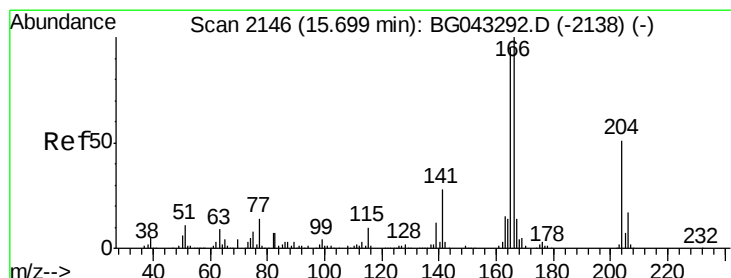
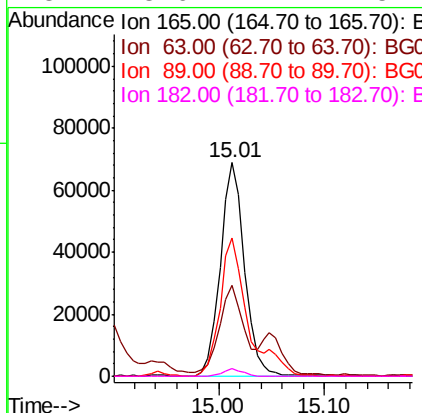
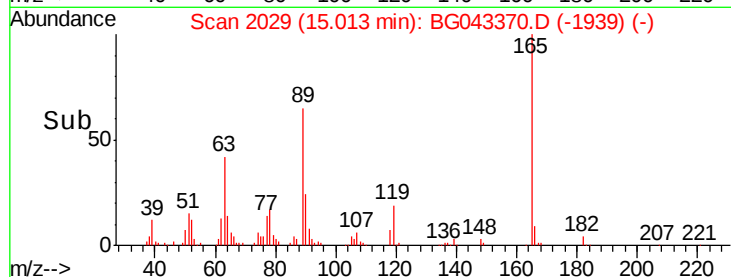
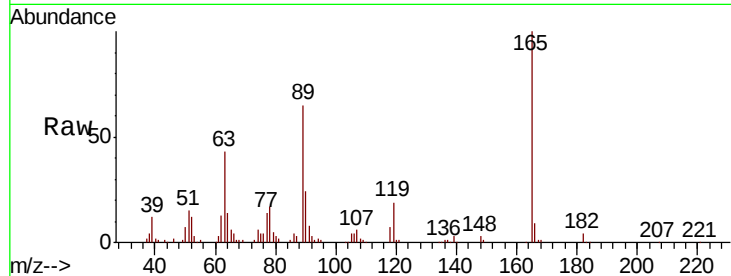
#57
 2,4-Dinitrotoluene
 Concen: 41.019 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	110108		
63	42.7	35.0	52.6	
89	64.5	54.1	81.1	
182	3.6	2.2	3.2	

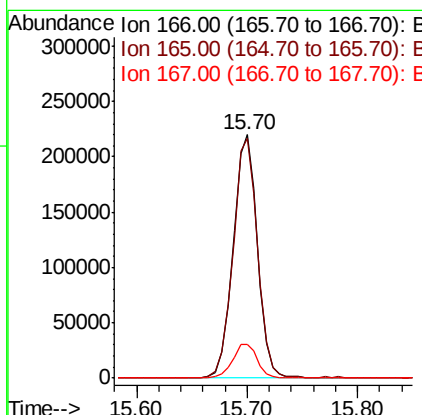
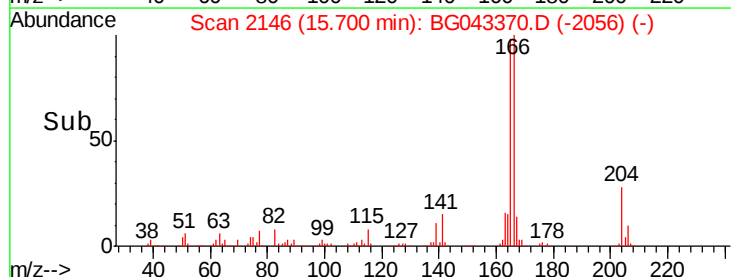
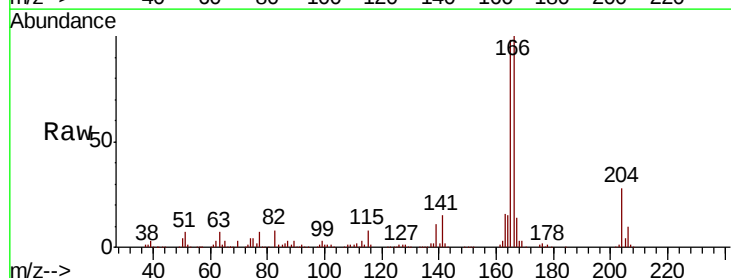
Manual Integrations
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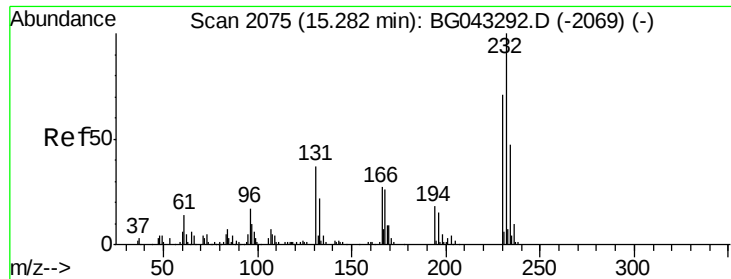
mohammad
 10/30/2019 4:54:22 PM



#58
 Fluorene
 Concen: 40.477 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	337605		
165	98.2	76.4	114.6	
167	14.0	11.1	16.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.614 ng

RT: 15.28 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

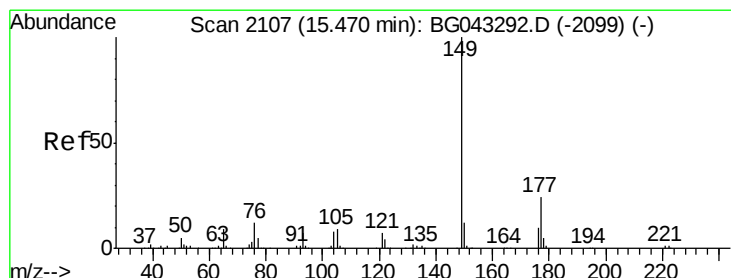
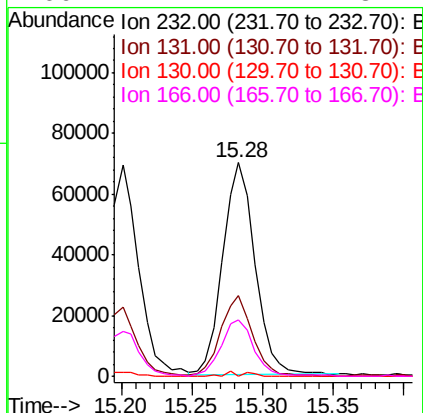
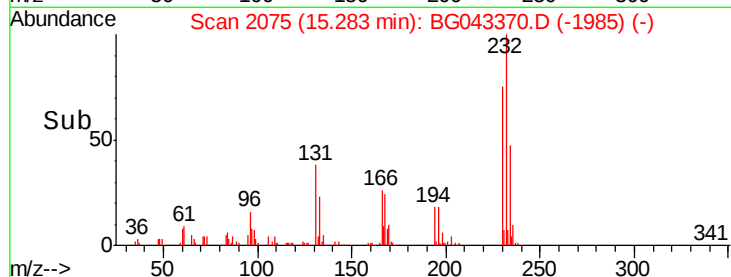
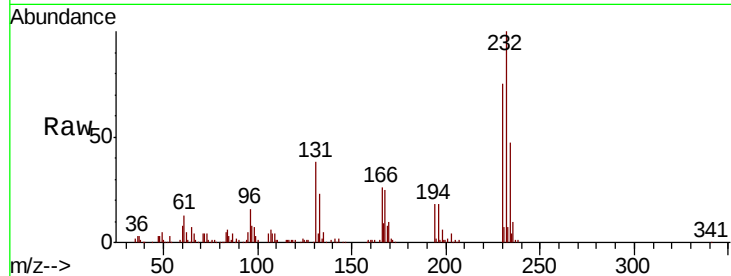
ClientSampleId :

PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	111355		
131	37.7	28.7	43.1	
130	0.7	0.6	0.8	
166	27.1	21.1	31.7	

Manual Integrations
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#60

Diethylphthalate

Concen: 39.420 ng

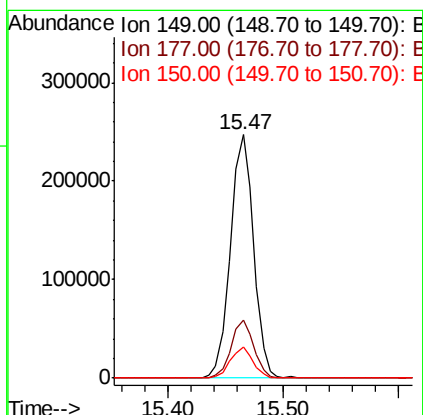
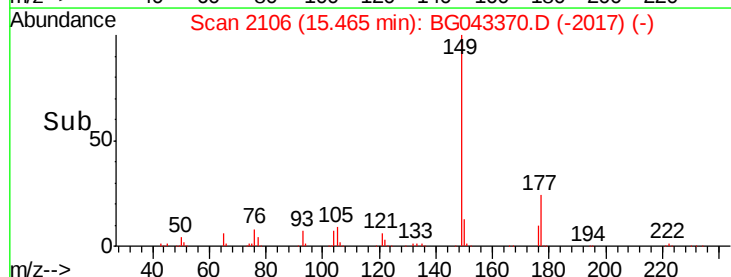
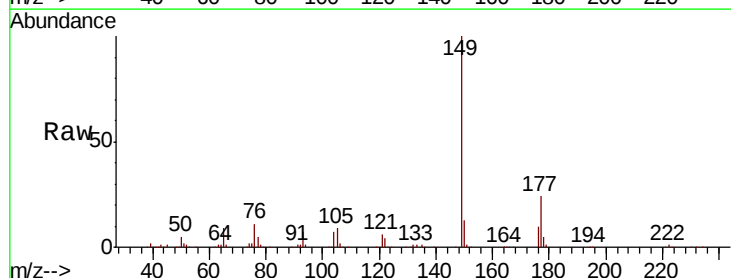
RT: 15.47 min Scan# 2106

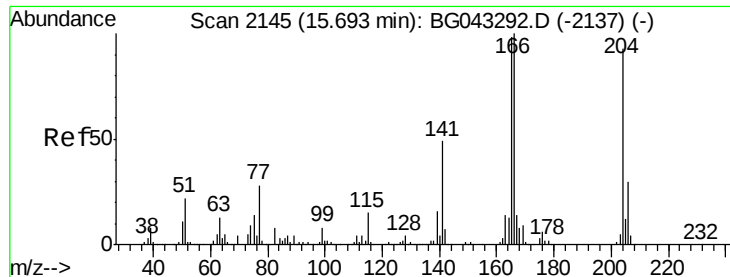
Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	342453		
177	23.7	19.0	28.4	
150	12.9	9.4	14.0	





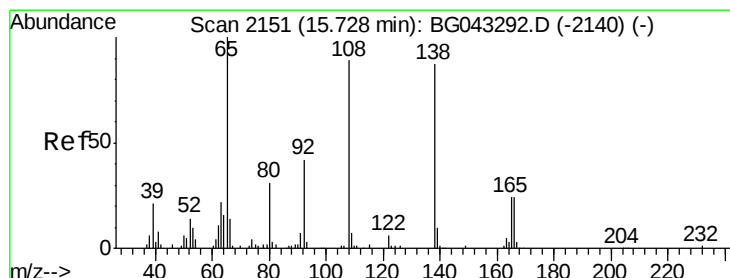
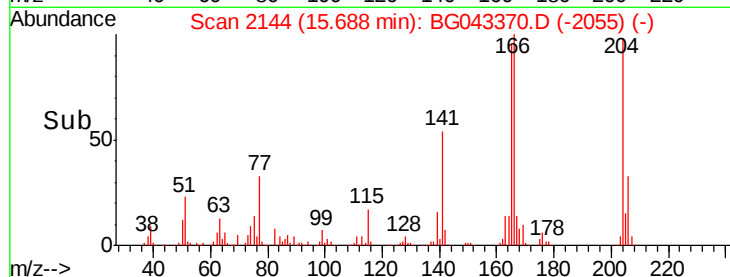
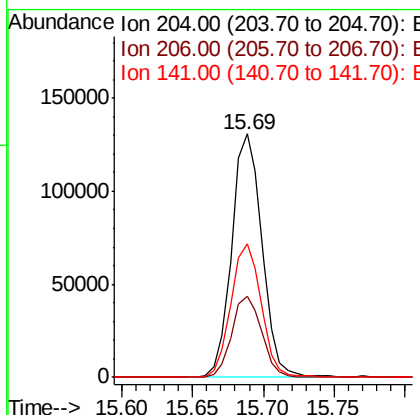
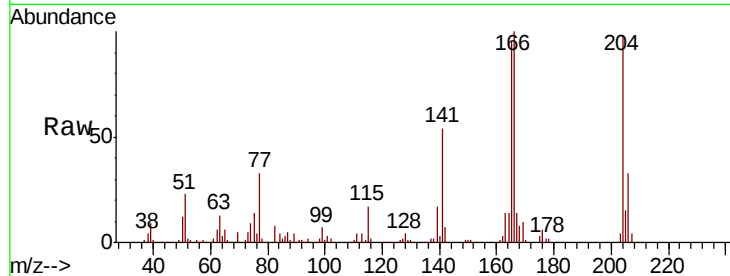
#61
4-Chlorophenyl-phenylether
Concen: 40.150 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	195358		
206	33.5	25.7	38.5	
141	54.8	42.3	63.5	

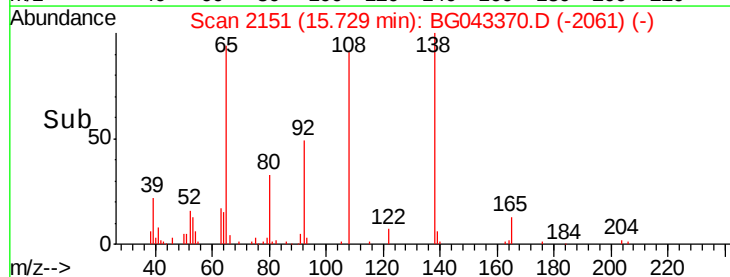
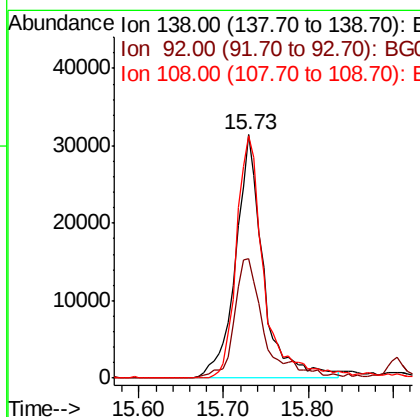
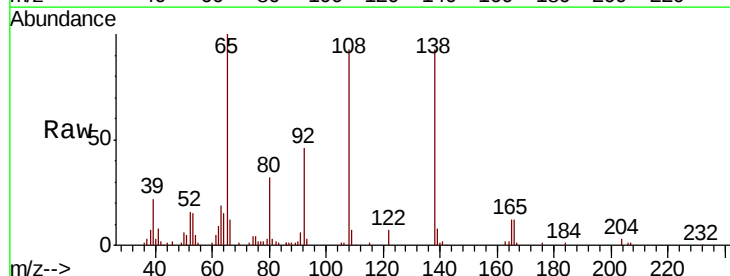
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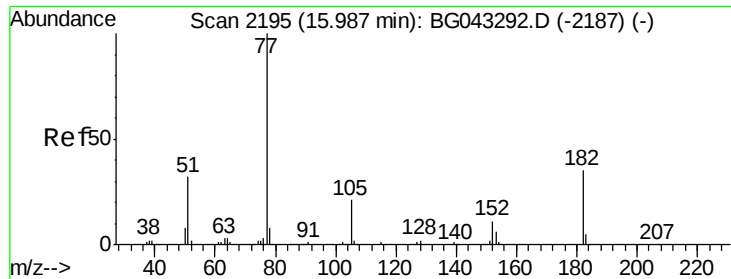
mohammad
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#62
4-Nitroaniline
Concen: 37.931 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	71040		
92	48.9	28.8	68.8	
108	99.5	82.7	122.7	





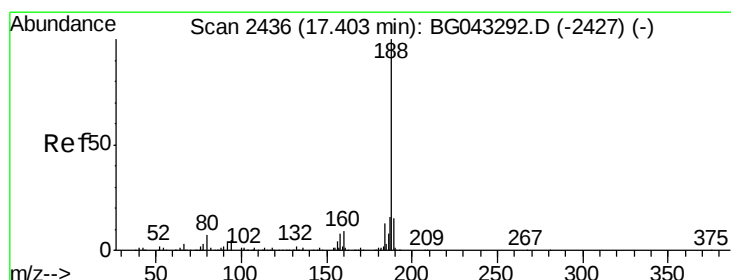
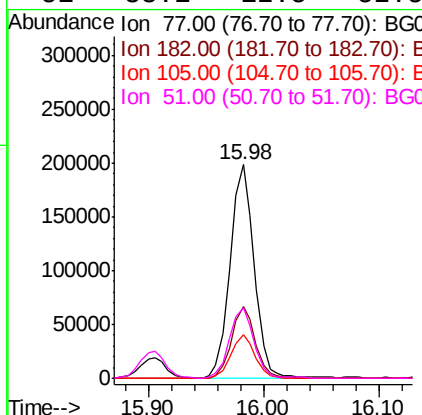
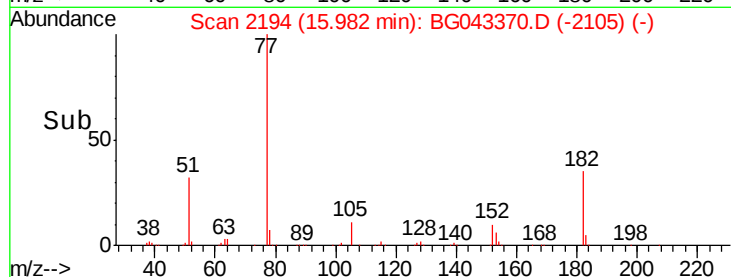
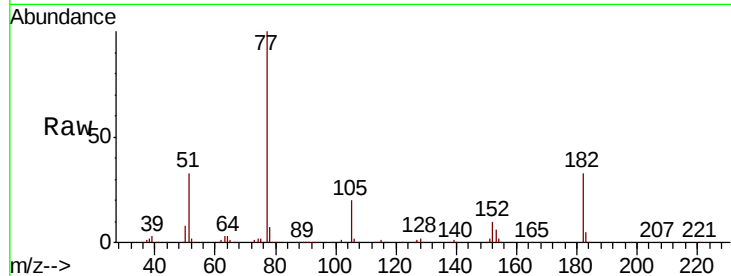
#63
Azobenzene
Concen: 40.524 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		284919		
182	33.4	14.9	54.9		
105	20.2	0.6	40.6		
51	33.1	12.5	52.5		

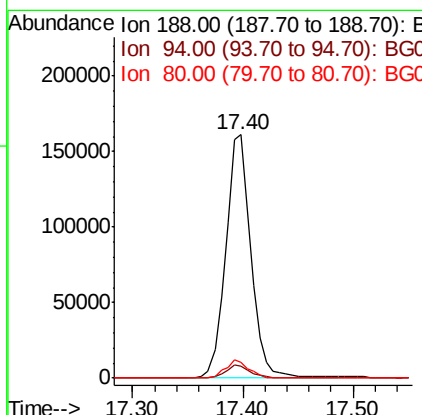
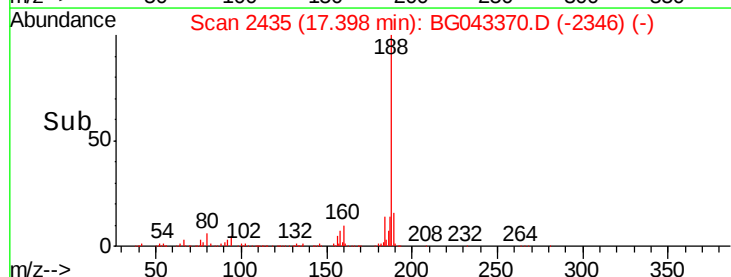
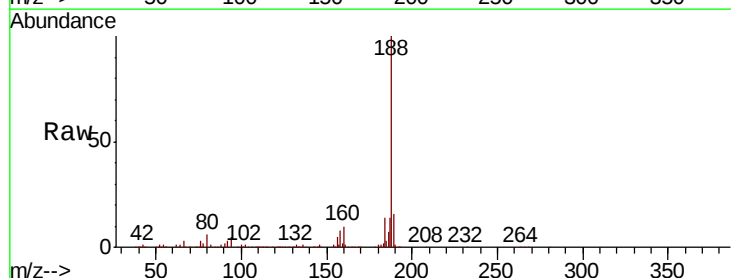
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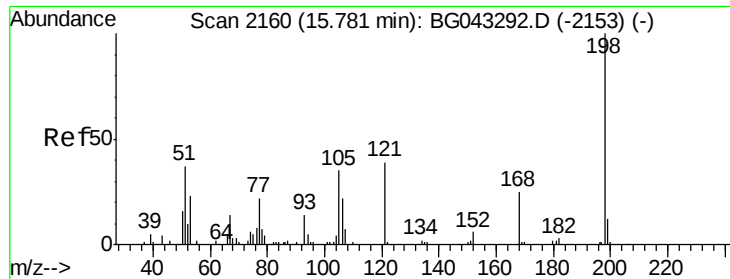
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		257673		
94	5.2	4.2	6.2		
80	6.2	5.2	7.8		





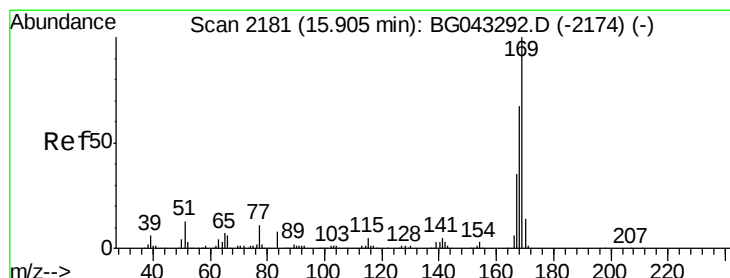
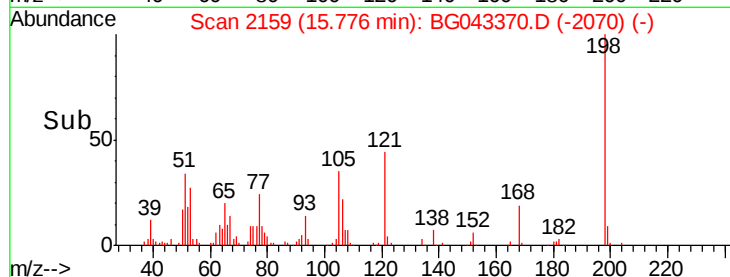
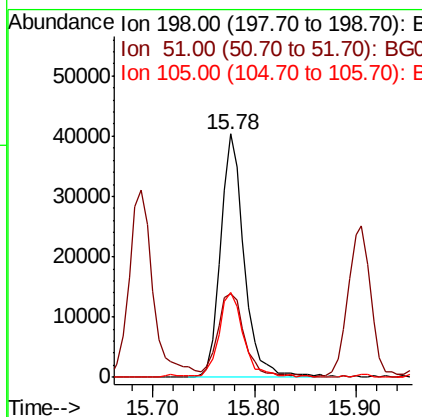
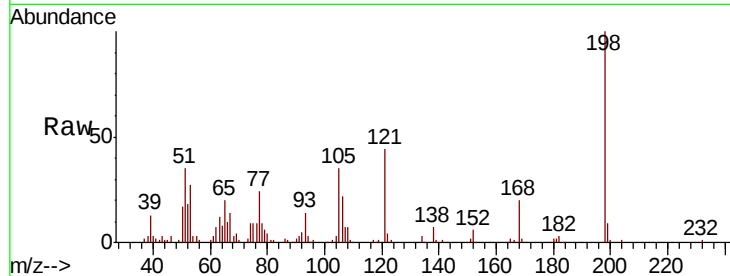
#65
4,6-Dinitro-2-methylphenol
Concen: 42.951 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleID :
PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	65131		
51	34.6	21.4	61.4	
105	35.1	16.5	56.5	

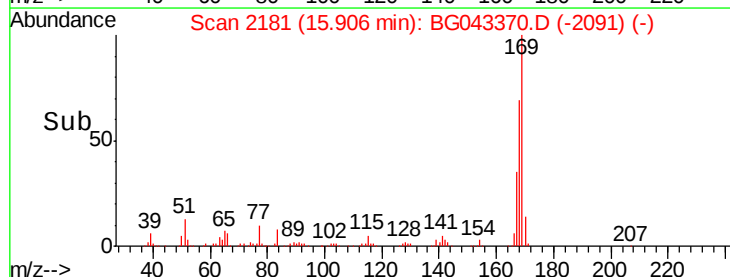
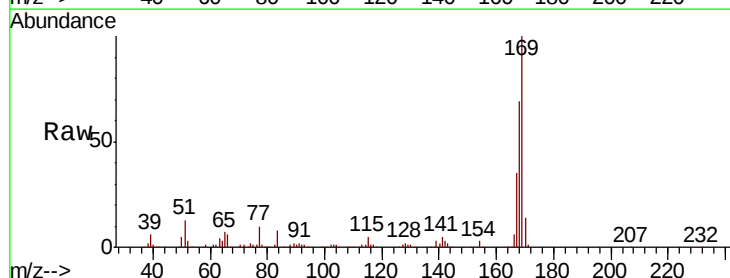
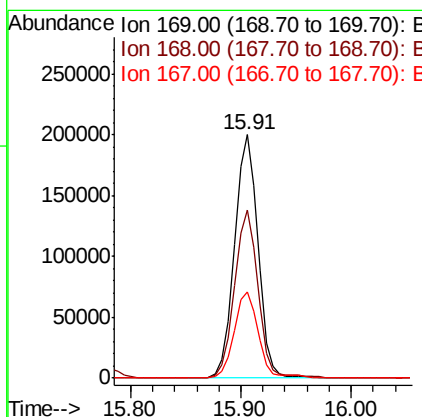
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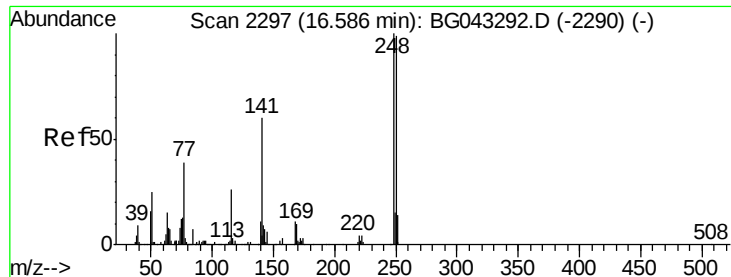
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.041 ng
RT: 15.91 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	298567		
168	69.3	53.9	80.9	
167	35.2	28.3	42.5	





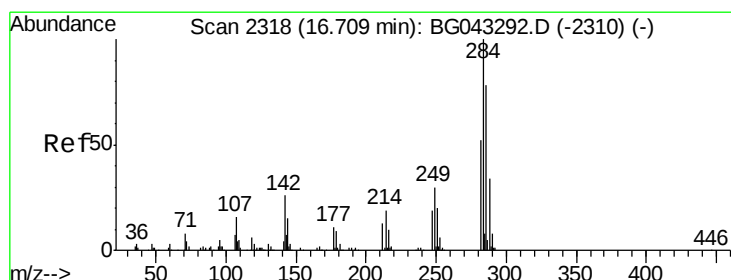
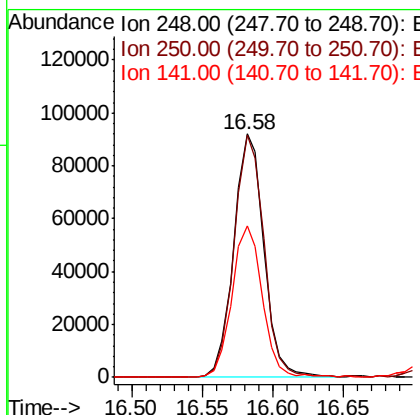
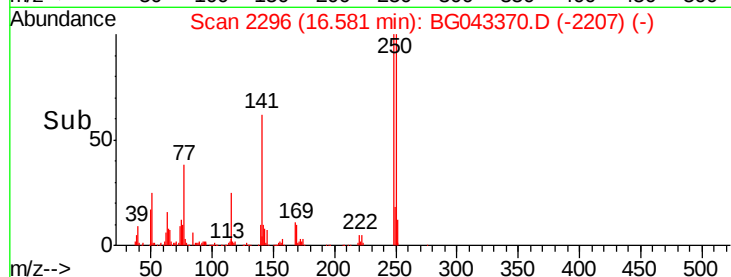
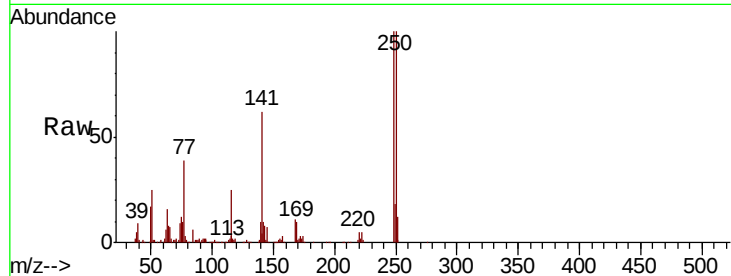
#67
4-Bromophenyl-phenylether
Concen: 39.671 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.3	118.9
141	62.3	47.9	71.9

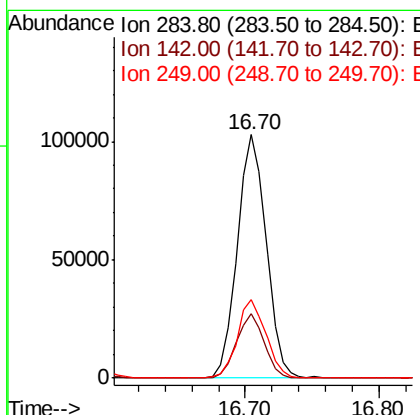
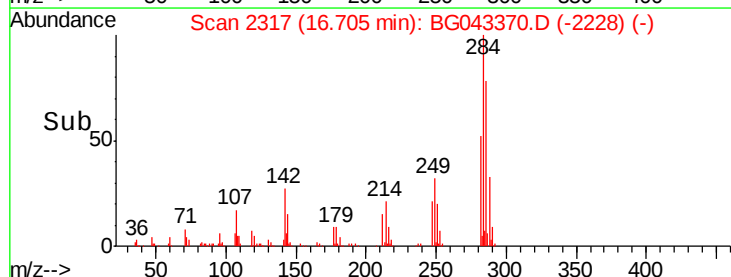
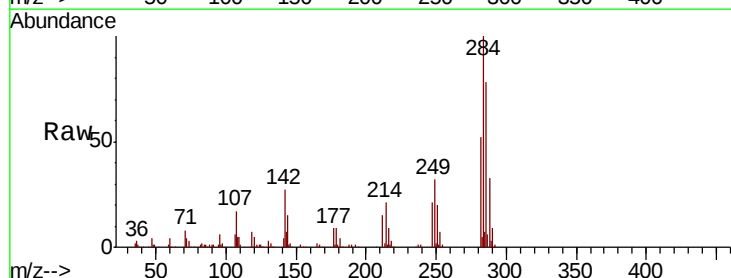
Manual Integrations
APPROVED

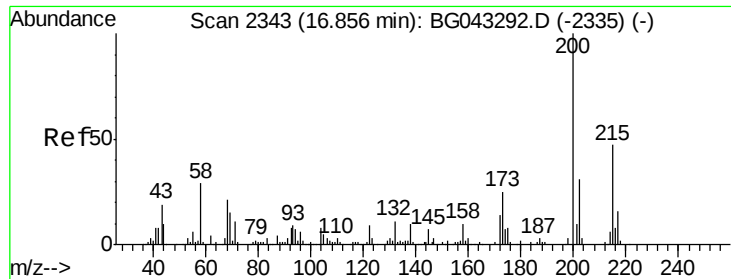
mohammad
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#68
Hexachlorobenzene
Concen: 38.771 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.1	31.7
249	32.1	24.4	36.6





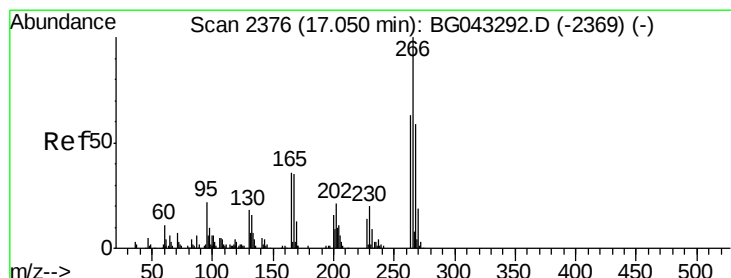
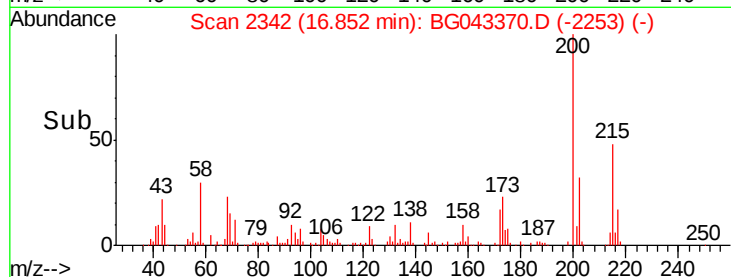
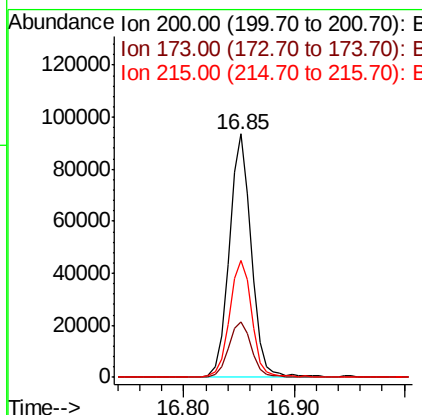
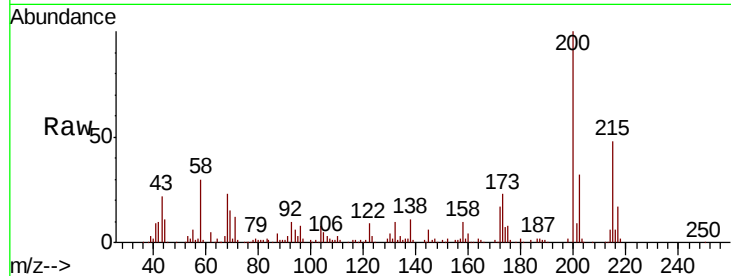
#69
Atrazine
Concen: 51.710 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.8	5.1	45.1
215	48.1	26.6	66.6

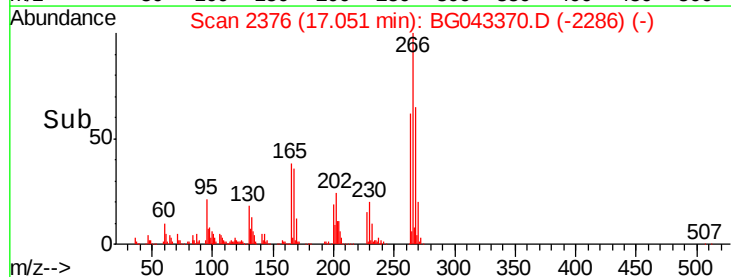
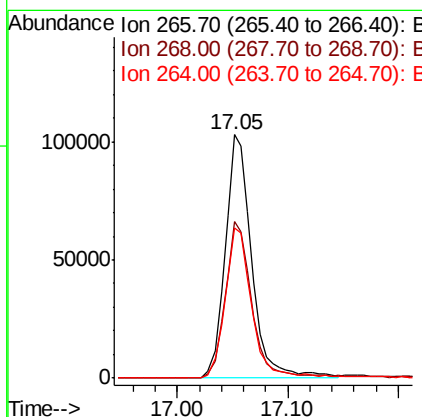
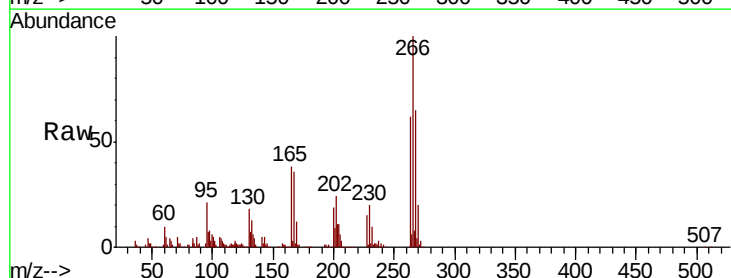
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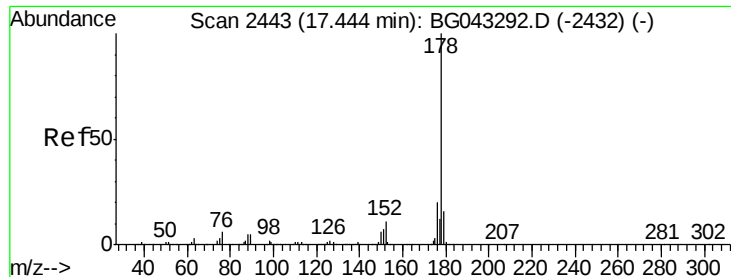
mohammad
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#70
Pentachlorophenol
Concen: 95.237 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	47.1	70.7
264	61.6	50.4	75.6





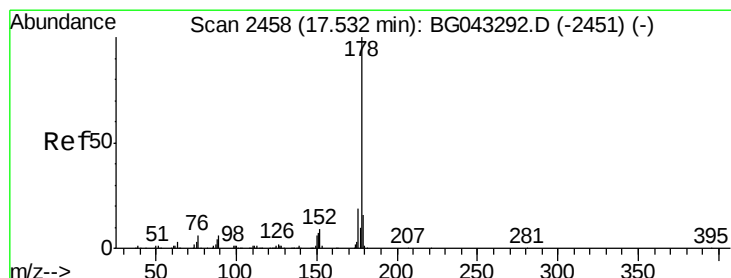
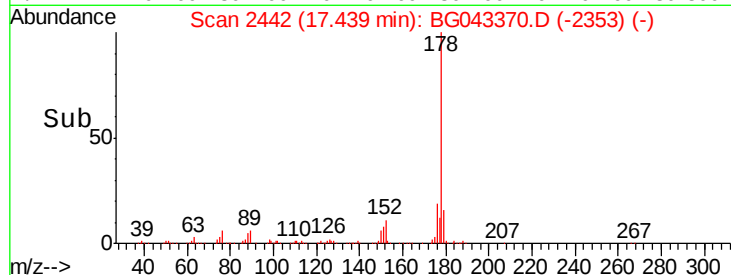
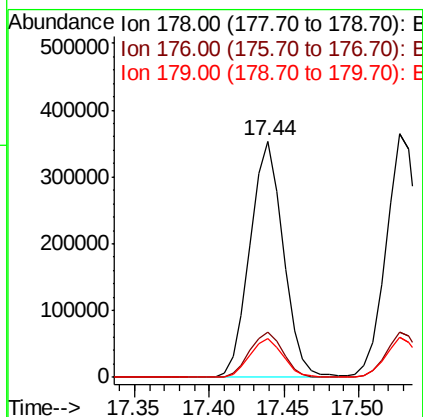
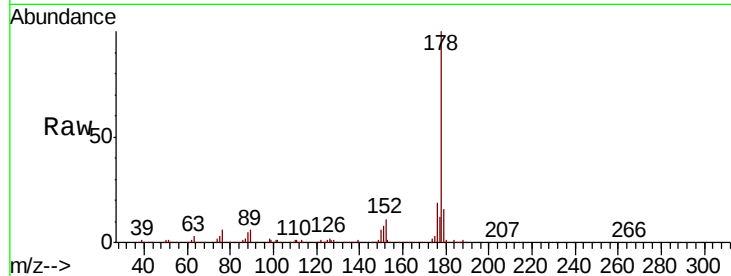
#71
Phenanthrene
Concen: 41.361 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	16.2	13.1	19.7

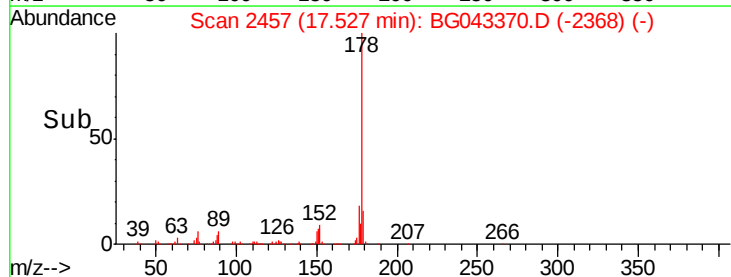
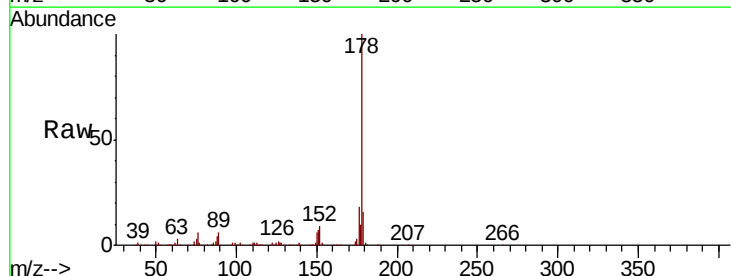
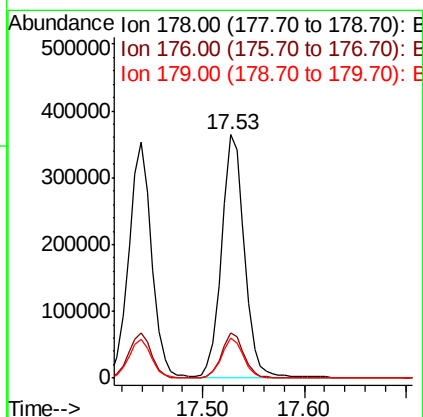
Manual Integrations
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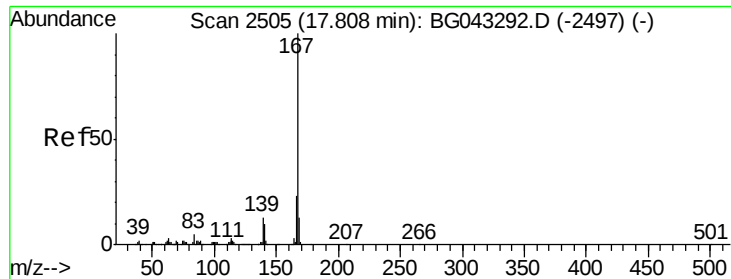
mohammad
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#72
Anthracene
Concen: 43.041 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	16.4	13.0	19.6





#73

Carbazole

Concen: 42.934 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

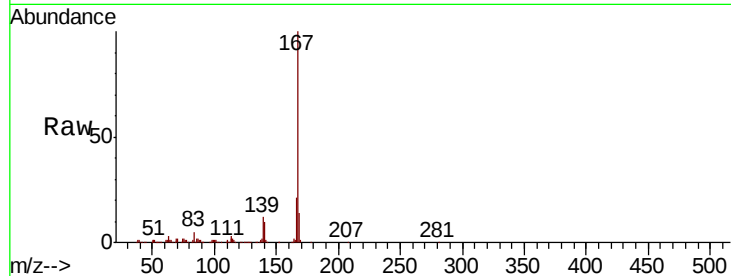
ClientSampleId :

PB124338BS

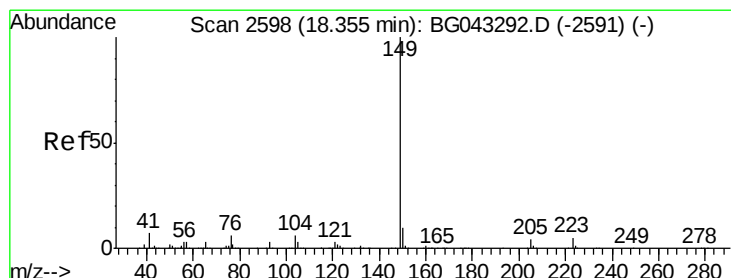
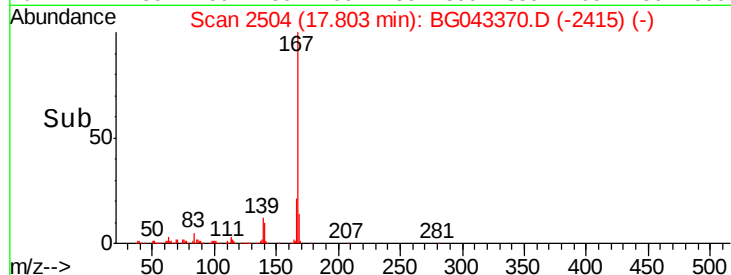
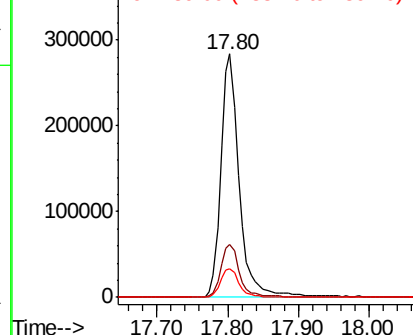
Tot Ion:	167	Resp:	513273
Ion Ratio	Lower	Upper	
167	100		
166	21.5	18.4	27.6
139	12.0	10.2	15.4

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



#74

Di-n-butylphthalate

Concen: 41.935 ng

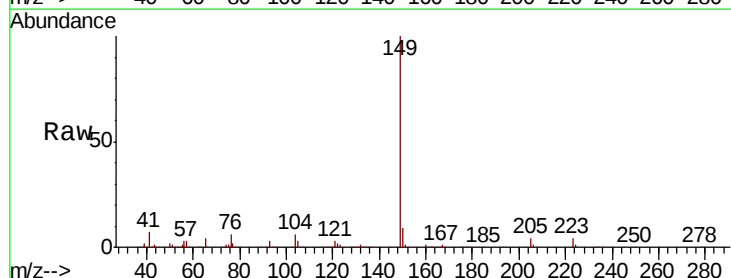
RT: 18.35 min Scan# 2597

Delta R.T. -0.00 min

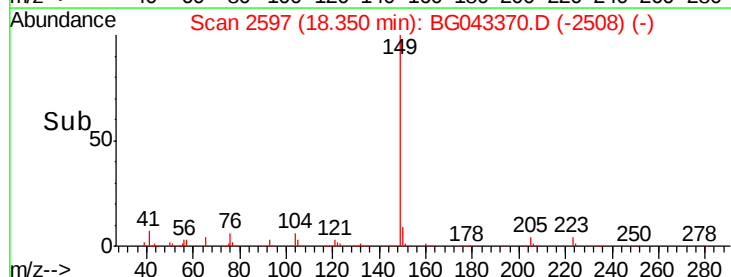
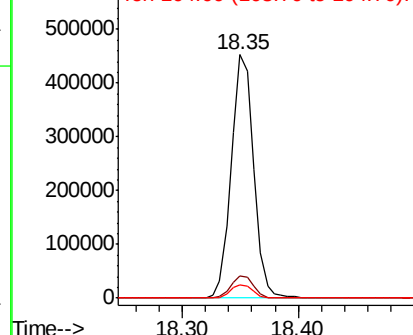
Lab File: BG043370.D

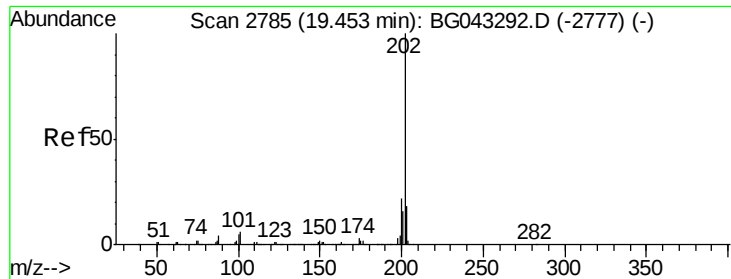
Acq: 29 Oct 2019 12:13

Tgt Ion:	149	Resp:	608306
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.0	12.0
104	5.5	4.7	7.1



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





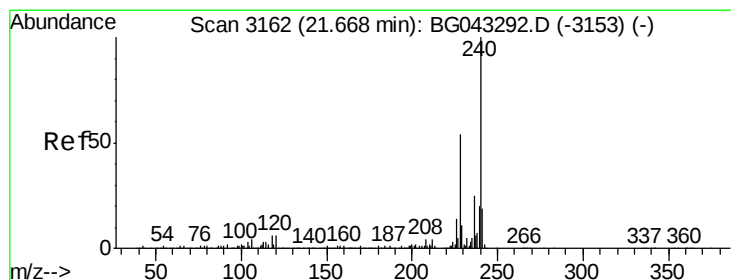
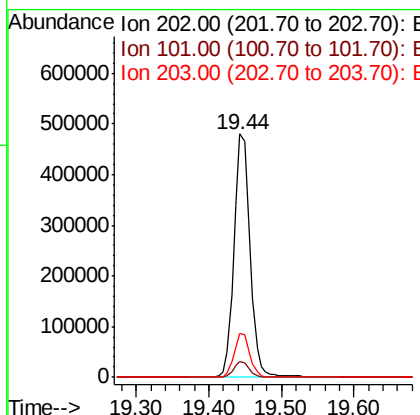
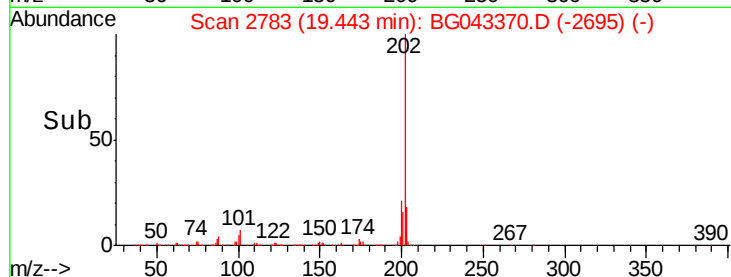
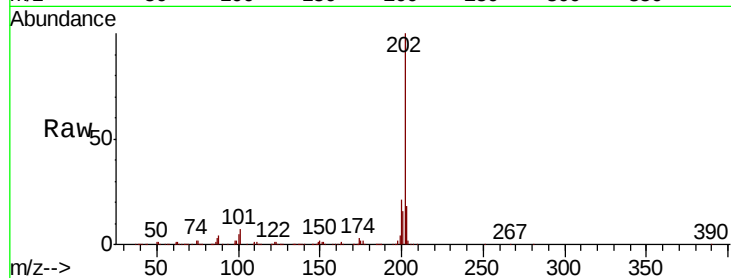
#75
Fluoranthene
Concen: 43.179 ng
RT: 19.44 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	742761		
101	6.5	0.0	26.0	
203	18.2	0.0	38.2	

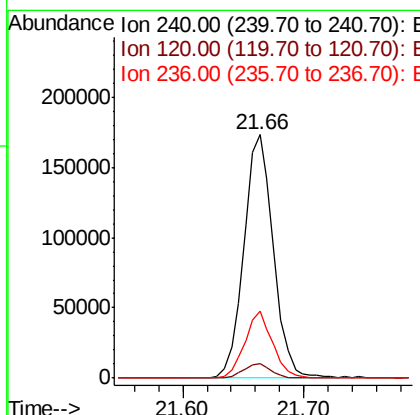
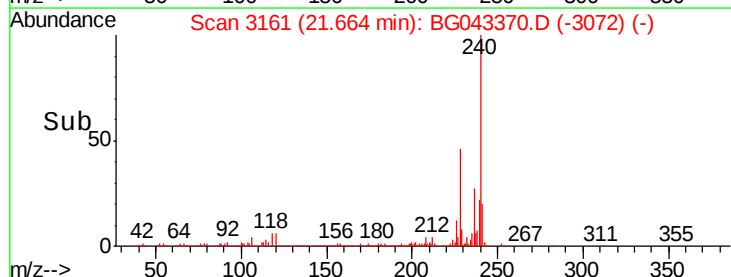
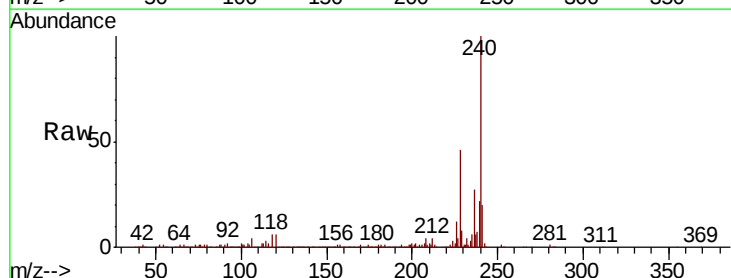
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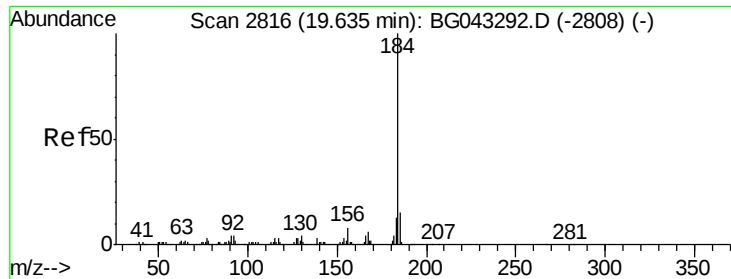
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	294508		
120	6.2	4.6	7.0	
236	27.3	20.2	30.4	





#77

Benzidine

Concen: 41.041 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

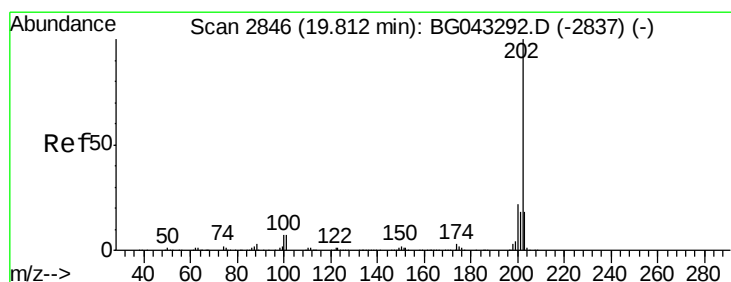
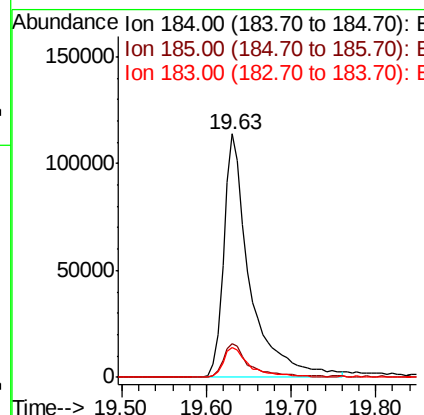
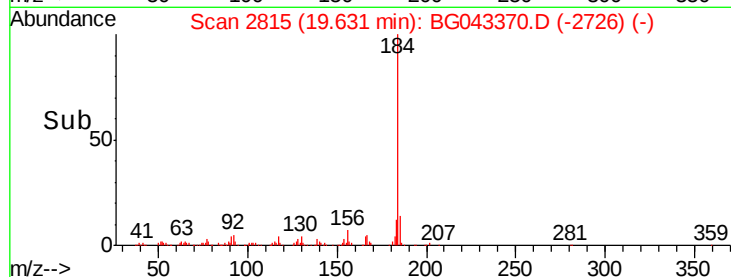
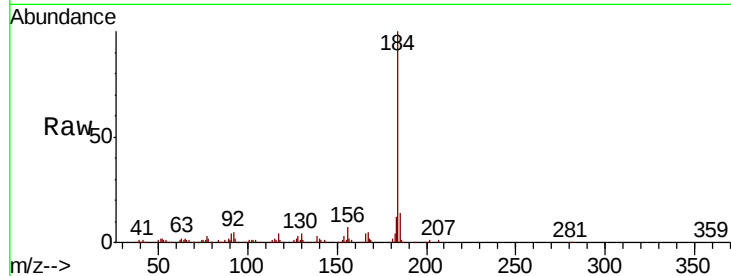
ClientSampleId :

PB124338BS

Tot Ion:	184	Resp:	243251
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.8	17.6
183	12.5	10.6	16.0

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#78

Pyrene

Concen: 41.163 ng

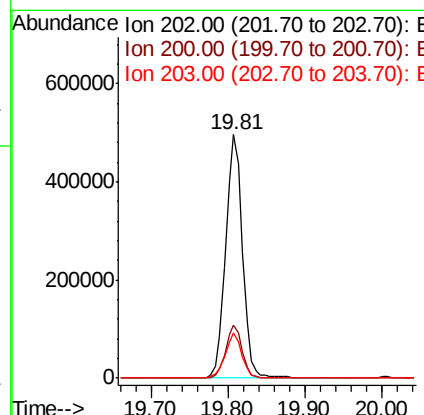
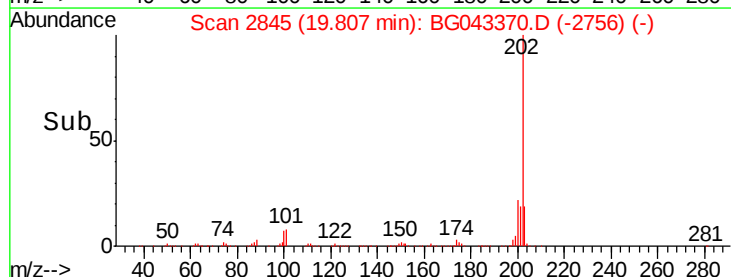
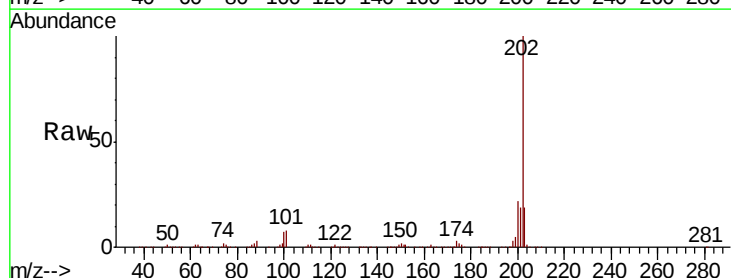
RT: 19.81 min Scan# 2845

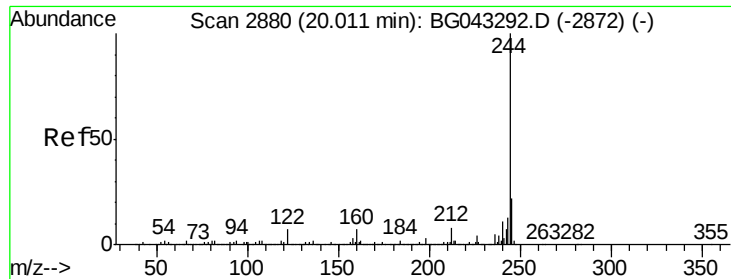
Delta R.T. -0.00 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	202	Resp:	750388
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.3	25.9
203	18.6	14.5	21.7





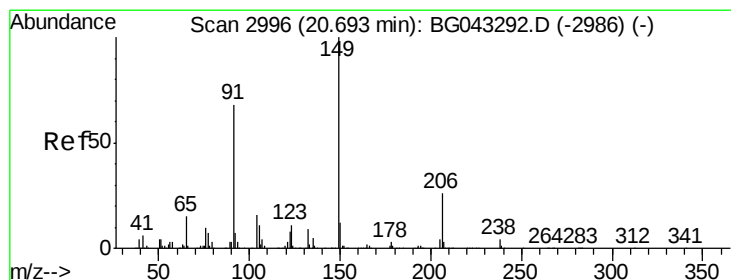
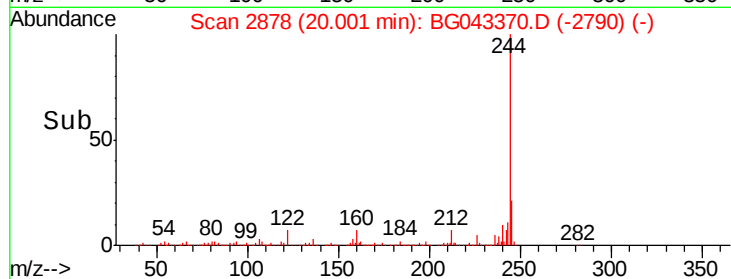
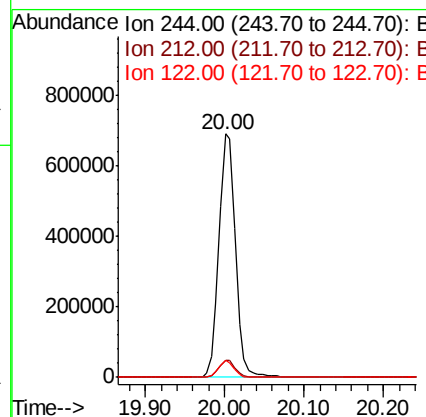
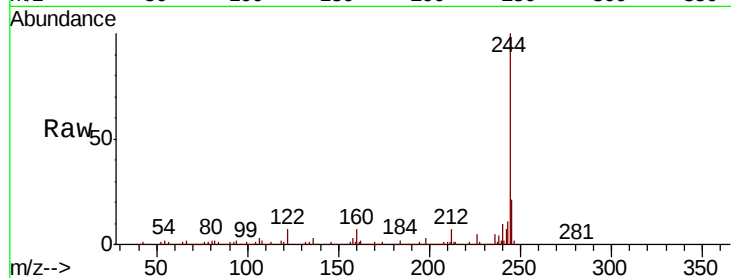
#79
 Terphenyl-d14
 Concen: 63.797 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	7.1	5.3	7.9

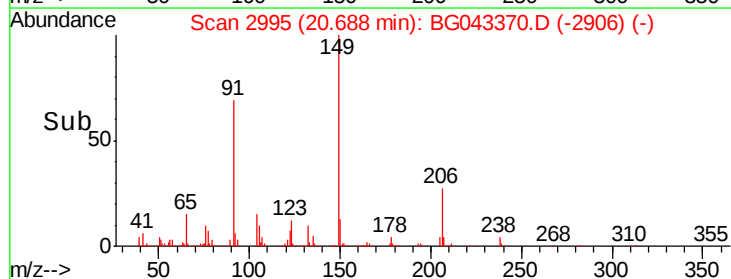
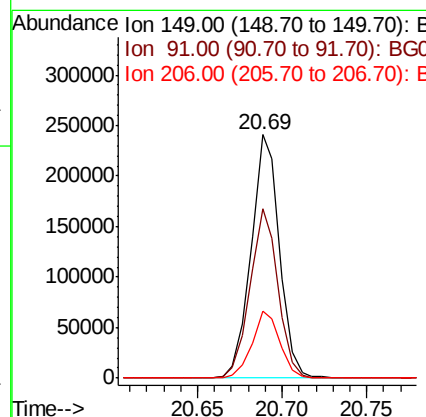
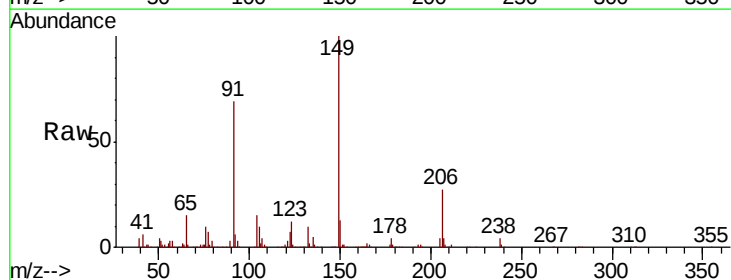
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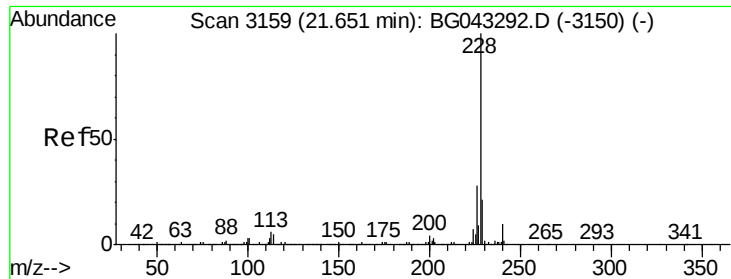
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#80
 Butylbenzylphthalate
 Concen: 40.812 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	54.6	82.0
206	27.3	20.5	30.7





#81

Benzo(a)anthracene

Concen: 42.141 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

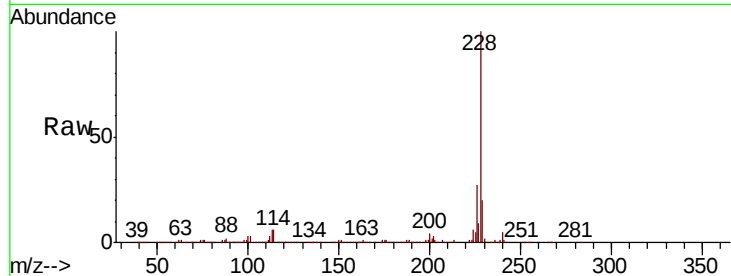
ClientSampleId :

PB124338BS

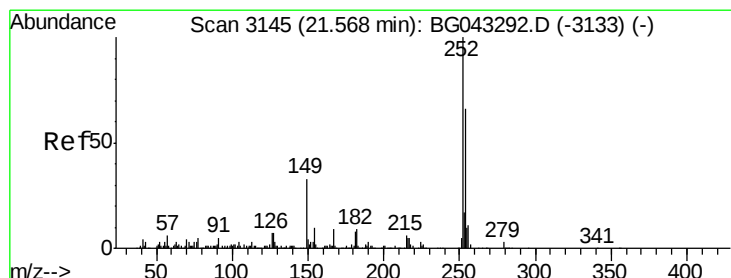
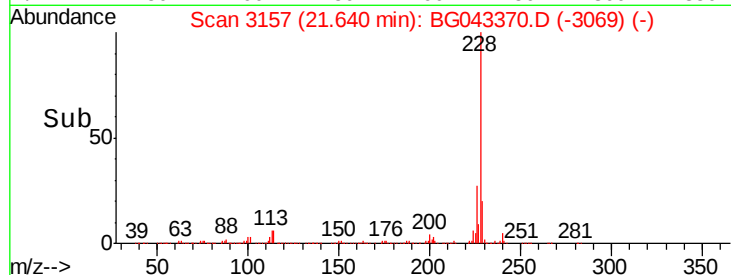
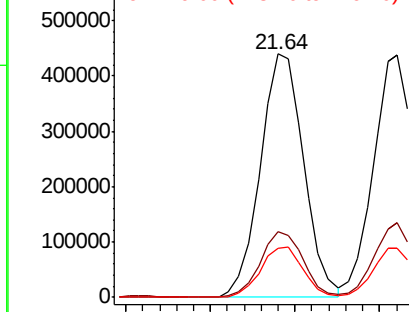
Tot Ion:	228	Resp:	777416
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.2	33.4
229	20.2	16.9	25.3

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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: 36.840 ng

RT: 21.56 min Scan# 3143

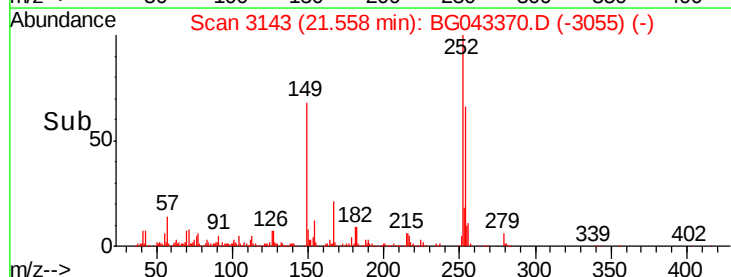
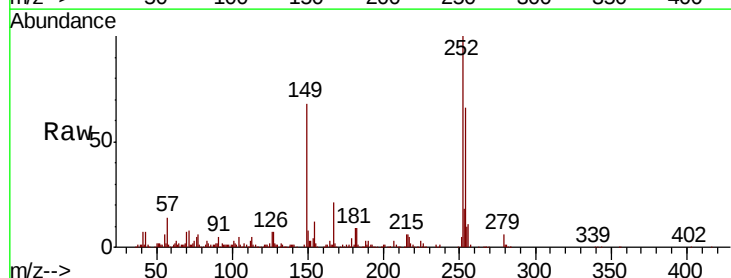
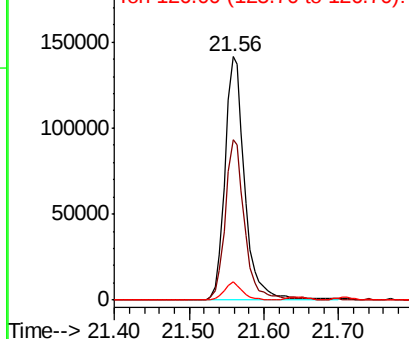
Delta R.T. -0.01 min

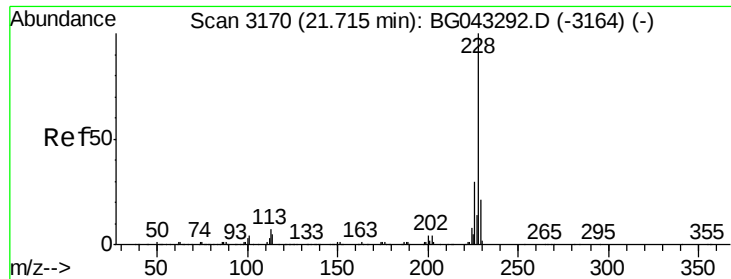
Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	252	Resp:	262865
Ion Ratio	Lower	Upper	
252	100		
254	65.8	52.7	79.1
126	7.4	5.6	8.4

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





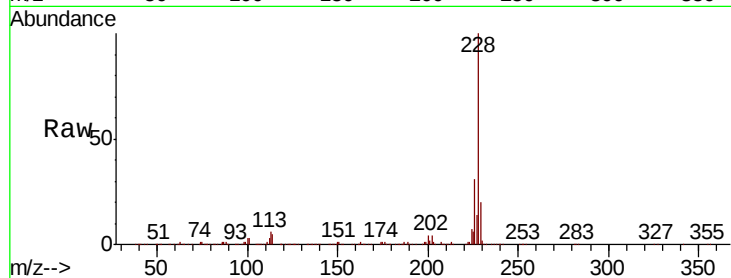
#83
 Chrysene
 Concen: 41.345 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Instrument :
 BNA_G
 ClientSampleId :
 PB124338BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	20.4	16.3	24.5

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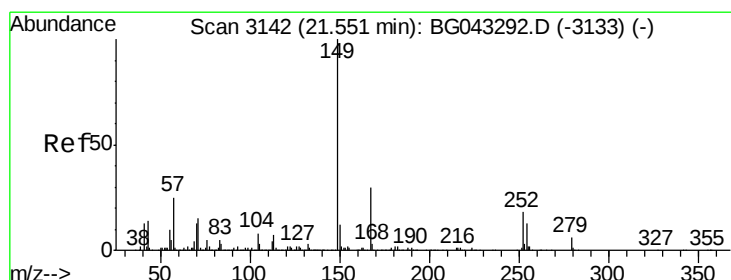
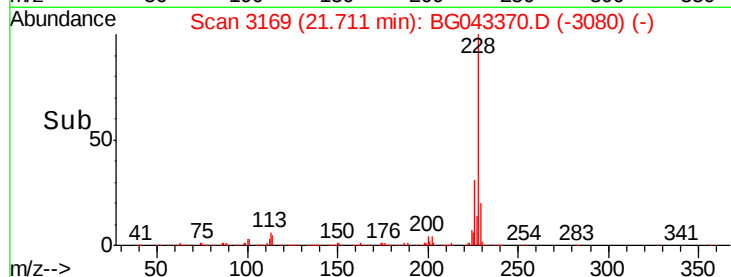
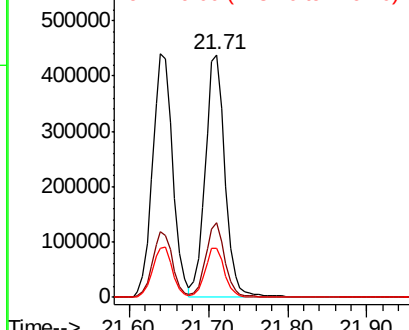


Abundance

Ion 228.00 (227.70 to 228.70): E

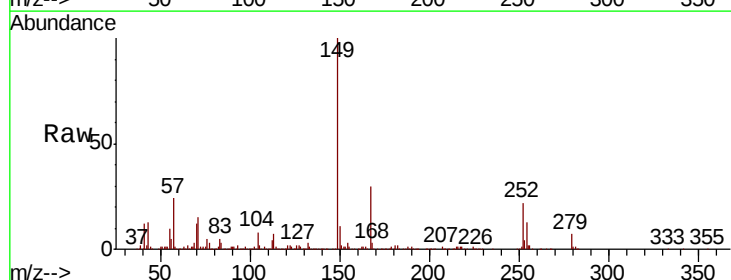
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.330 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG043370.D
 Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.9	35.9
279	6.7	4.8	7.2

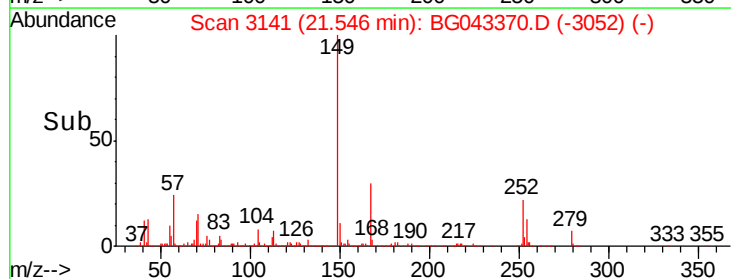
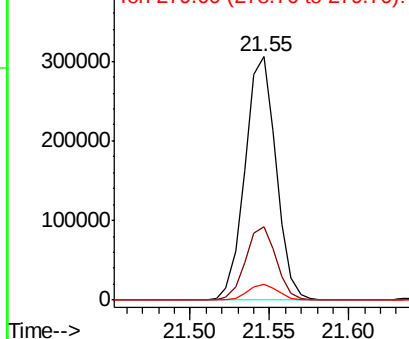


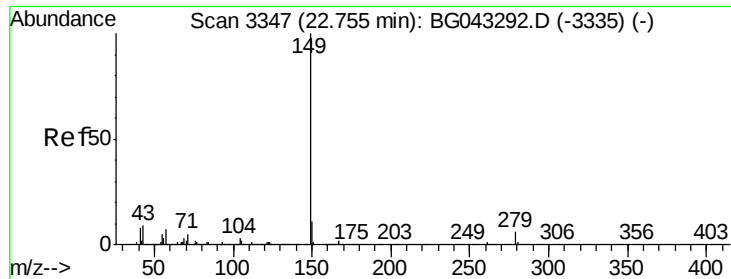
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.318 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

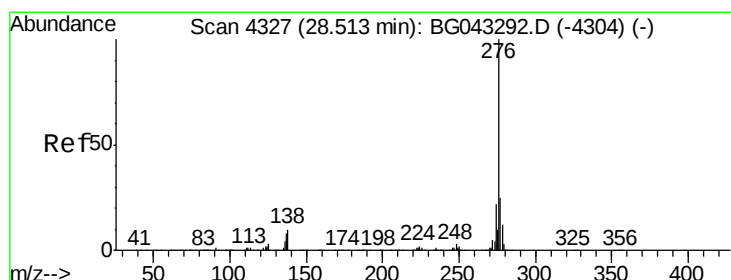
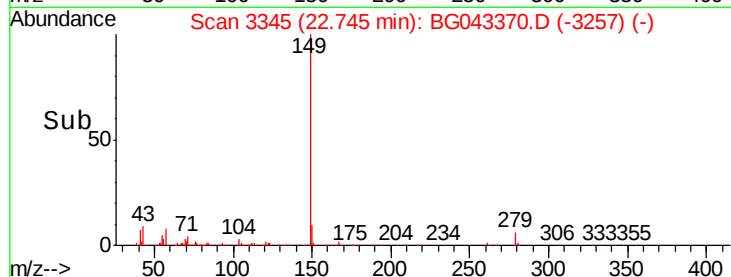
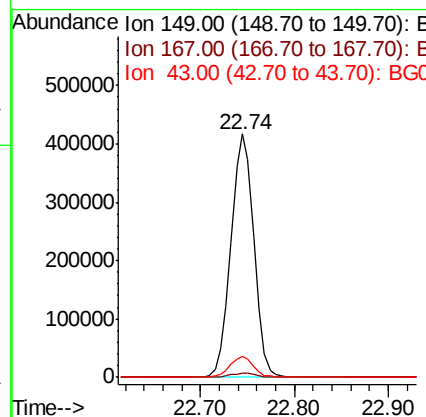
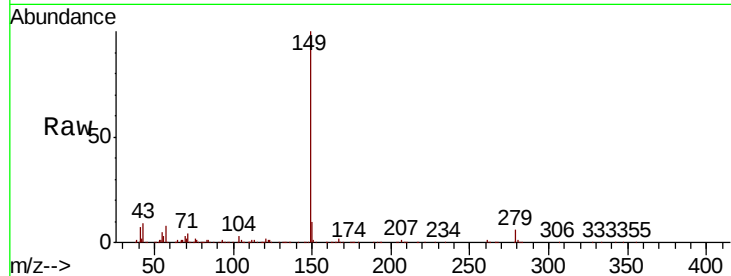
ClientSampleId :

PB124338BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.4	2.0	
43	8.7	6.9	10.3	

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.921 ng

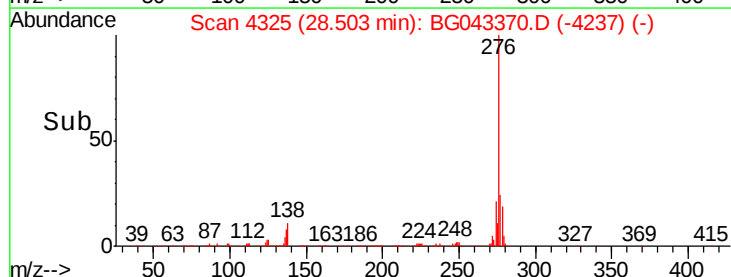
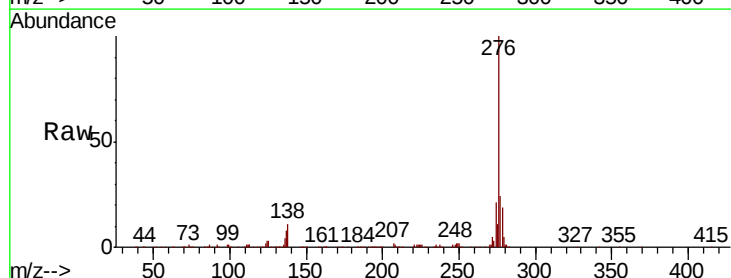
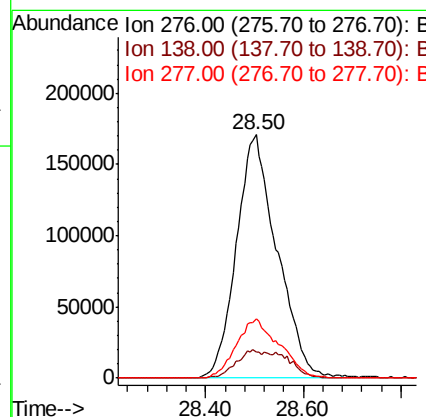
RT: 28.50 min Scan# 4325

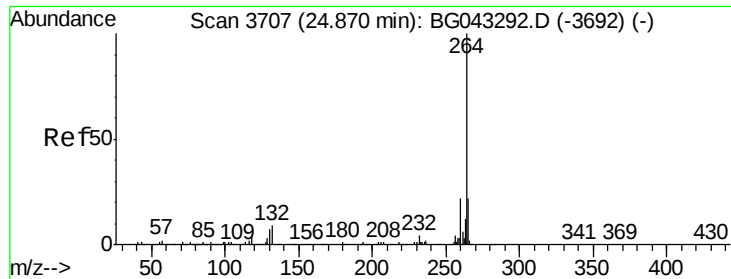
Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	7.1	7.2	10.8#	
277	25.7	20.9	31.3	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

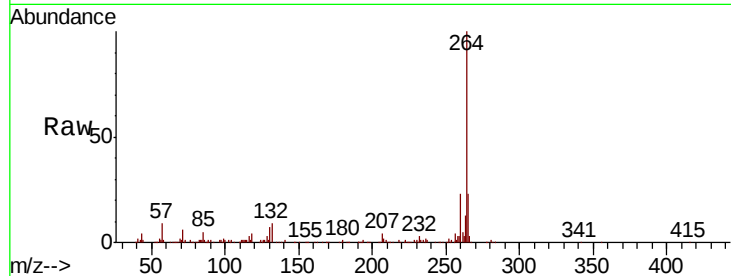
ClientSampleId :

PB124338BS

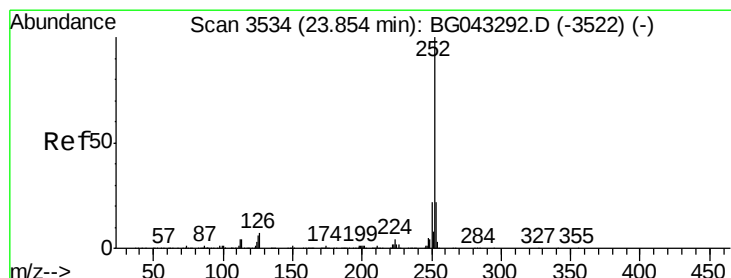
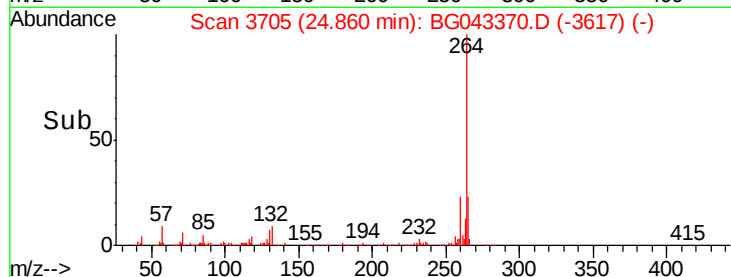
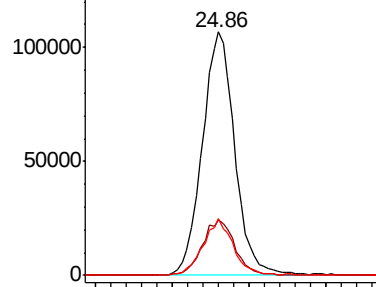
Tot Ion:	264	Resp:	313663
Ion Ratio	Lower	Upper	
264	100		
260	22.6	17.9	26.9
265	23.1	17.4	26.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.523 ng

RT: 23.85 min Scan# 3533

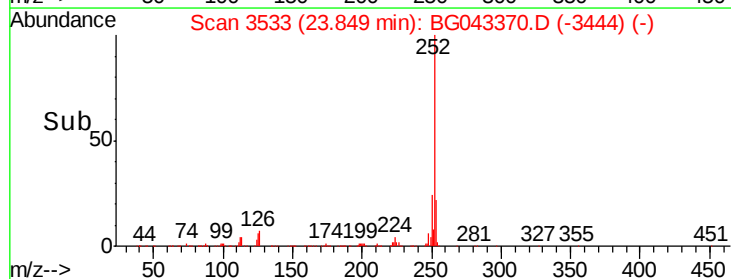
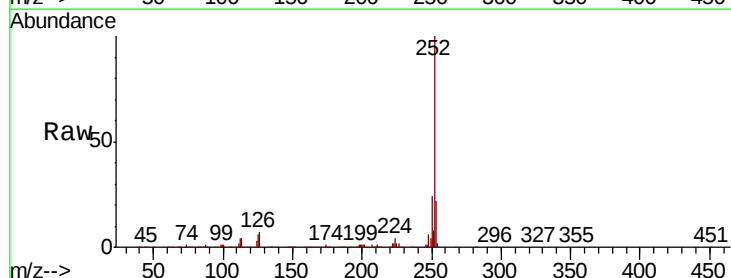
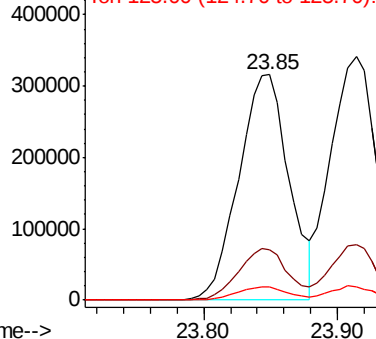
Delta R.T. -0.00 min

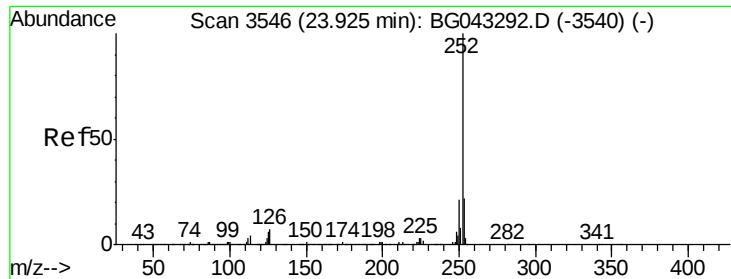
Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	252	Resp:	826475
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	5.9	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





#89

Benzo(k)fluoranthene

Concen: 46.093 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Instrument :

BNA_G

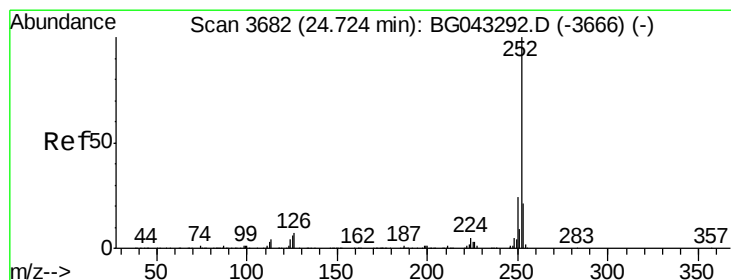
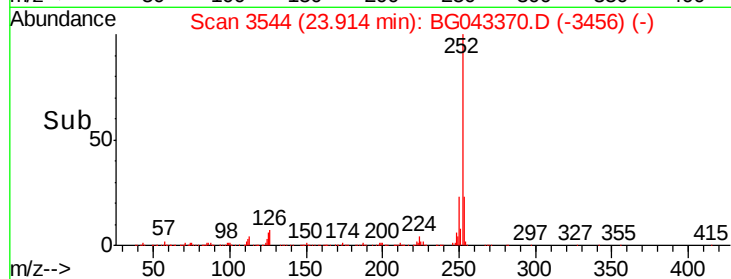
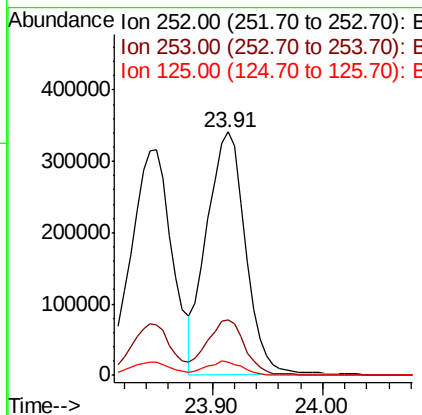
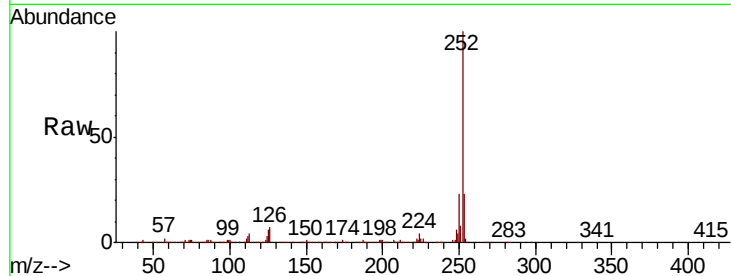
ClientSampleId :

PB124338BS

Tot Ion:	252	Resp:	824334
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	5.6	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 44.833 ng

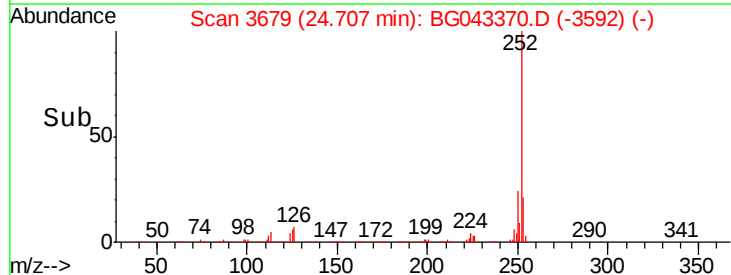
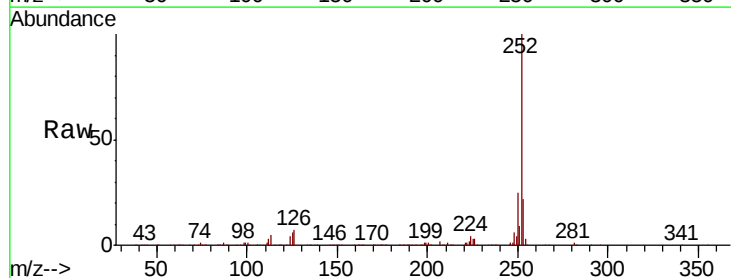
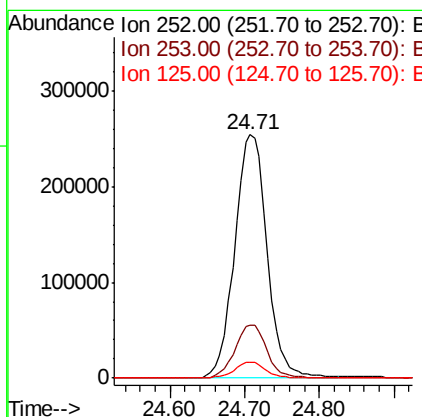
RT: 24.71 min Scan# 3679

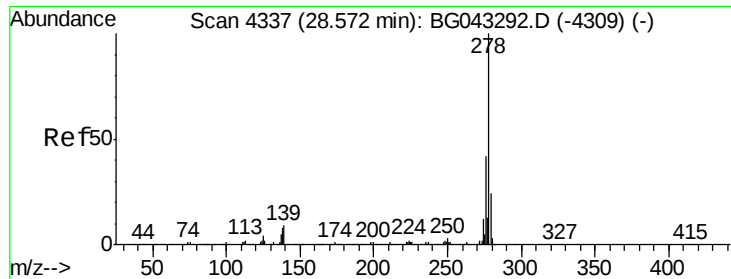
Delta R.T. -0.02 min

Lab File: BG043370.D

Acq: 29 Oct 2019 12:13

Tgt Ion:	252	Resp:	760561
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	6.4	5.0	7.6





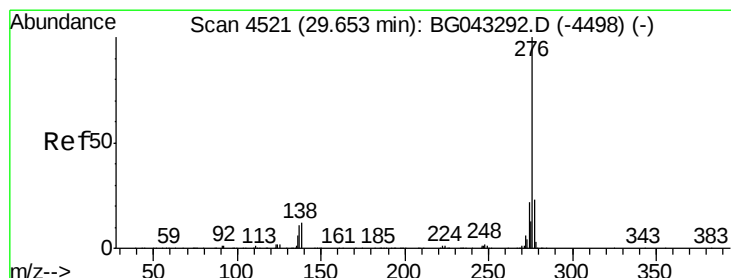
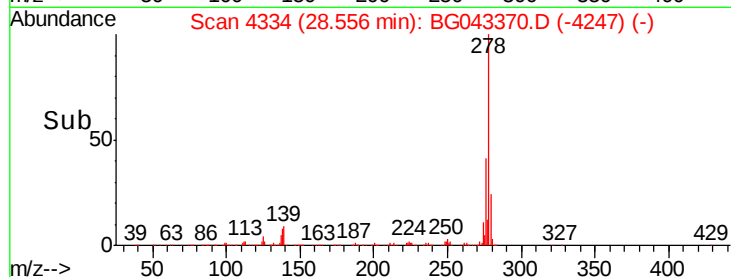
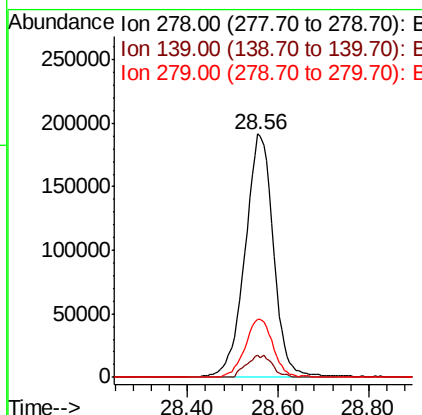
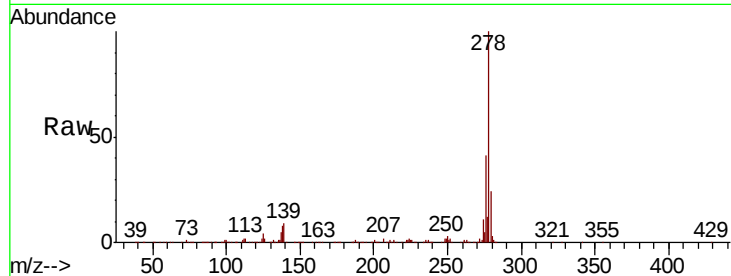
#91
Dibenzo(a,h)anthracene
Concen: 47.835 ng
RT: 28.56 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Instrument :
BNA_G
ClientSampleId :
PB124338BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	6.8	10.2
279	24.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
10/30/2019 4:54:22 PM



#92
Benzo(g,h,i)perylene
Concen: 48.554 ng
RT: 29.64 min Scan# 4518
Delta R.T. -0.02 min
Lab File: BG043370.D
Acq: 29 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	11.6	9.3	13.9

