

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041799.D
 Acq On : 30 Jul 2019 12:05
 Operator : HP/JU
 Sample : PB121731BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BS

Manual Integrations
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mohammad
 8/1/2019 5:04:50 PM

Quant Time: Jul 31 01:49:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	93789	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	387000	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	286290	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	657620	20.00	ng	0.00
76) Chrysene-d12	21.74	240	655188	20.00	ng	0.00
87) Perylene-d12	25.01	264	748824	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	625321	129.72	ng	0.00
7) Phenol-d6	7.20	99	866575	133.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	492238	87.53	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	452740	139.22	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1359833	83.77	ng	0.00
79) Terphenyl-d14	20.06	244	2288600	79.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	79943	35.234	ng	90
3) Pyridine	3.87	79	170848	27.459	ng	90
4) n-Nitrosodimethylamine	3.78	42	90526	36.703	ng	87
6) Aniline	7.36	93	276832	30.252	ng	97
8) 2-Chlorophenol	7.60	128	238069	43.129	ng	95
9) Benzaldehyde	7.17	77	38092	8.330	ng	97
10) Phenol	7.22	94	292778	43.304	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	210728	37.913	ng	93
12) 1,3-Dichlorobenzene	7.94	146	256300	35.576	ng	99
13) 1,4-Dichlorobenzene	8.08	146	258455	35.853	ng	96
14) 1,2-Dichlorobenzene	8.40	146	251569	36.573	ng	94
15) Benzyl Alcohol	8.28	79	207290	40.543	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	358935	36.297	ng	97
17) 2-Methylphenol	8.48	107	205929	41.881	ng	96
18) Hexachloroethane	9.14	117	89923	36.427	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	177514	37.623	ng	92
20) 3+4-Methylphenols	8.81	107	283070	42.069	ng	98
22) Acetophenone	8.87	105	350243	40.461	ng	# 91
24) Nitrobenzene	9.25	77	250769	42.327	ng	100
25) Isophorone	9.78	82	493047	40.303	ng	98
26) 2-Nitrophenol	9.97	139	132257	48.099	ng	95
27) 2,4-Dimethylphenol	10.03	122	237159	48.869	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	294388	38.508	ng	98
29) 2,4-Dichlorophenol	10.51	162	266893	45.161	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	289838	38.675	ng	99
31) Naphthalene	10.92	128	720023	40.652	ng	98
32) Benzoic acid	10.16	122	132761	40.059	ng	96
33) 4-Chloroaniline	11.02	127	207940	24.756	ng	96
34) Hexachlorobutadiene	11.22	225	187923	37.154	ng	98
35) Caprolactam	11.78	113	94915m	46.214	ng	
36) 4-Chloro-3-methylphenol	12.14	107	267677	45.686	ng	95
37) 2-Methylnaphthalene	12.53	142	582586	41.555	ng	99
38) 1-Methylnaphthalene	12.75	142	551316	41.496	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	364642	40.237	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	439497	86.259	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	246343	43.009	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	270657	45.472	nq	95
46) 1,1'-Biphenyl	13.54	154	756629	41.113	nq	97
47) 2-Chloronaphthalene	13.58	162	611289	39.014	nq	97
48) 2-Nitroaniline	13.77	65	176787	44.487	nq	88
49) Acenaphthylene	14.42	152	977320	41.698	nq	97
50) Dimethylphthalate	14.15	163	831916	42.548	nq	99
51) 2,6-Dinitrotoluene	14.27	165	195850	47.903	nq	90
52) Acenaphthene	14.77	154	689221	45.213	nq	98
53) 3-Nitroaniline	14.59	138	145849	33.345	nq #	90
54) 2,4-Dinitrophenol	14.80	184	230745	89.190	nq	87
55) Dibenzofuran	15.10	168	983247	42.170	nq	94
56) 4-Nitrophenol	14.90	139	331076	99.719	nq	97
57) 2,4-Dinitrotoluene	15.05	165	279206	49.659	nq	95
58) Fluorene	15.75	166	787782	42.102	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	277382	47.053	nq	93
60) Diethylphthalate	15.52	149	825225	42.990	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	470542	41.192	nq	95
62) 4-Nitroaniline	15.76	138	202917	42.832	nq	99
63) Azobenzene	16.04	77	657088	41.904	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	152288	47.412	nq	88
66) n-Nitrosodiphenylamine	15.96	169	754768	42.135	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	324398	40.046	nq	97
68) Hexachlorobenzene	16.76	284	335340	39.570	nq	92
69) Atrazine	16.90	200	310075	44.056	nq	99
70) Pentachlorophenol	17.10	266	452163	93.921	nq	99
71) Phenanthrene	17.50	178	1334708	42.343	nq	97
72) Anthracene	17.59	178	1368729	43.538	nq	96
73) Carbazole	17.86	167	1236340	43.816	nq	96
74) Di-n-butylphthalate	18.42	149	1422267	44.461	nq	96
75) Fluoranthene	19.51	202	1679899	43.844	nq	95
77) Benzidine	19.68	184	703303	32.887	nq	97
78) Pyrene	19.86	202	1668827	42.990	nq	96
80) Butylbenzylphthalate	20.76	149	674366	45.310	nq	88
81) Benzo(a)anthracene	21.72	228	1602301	41.335	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	524575	33.705	nq	96
83) Chrysene	21.79	228	1589642	42.781	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	915398	44.588	nq	98
85) Di-n-octyl phthalate	22.87	149	1571507	45.484	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2100678	42.706	nq #	89
88) Benzo(b)fluoranthene	23.97	252	1803869m	44.035	nq	
89) Benzo(k)fluoranthene	24.04	252	1763407	44.192	nq #	96
90) Benzo(a)pyrene	24.86	252	1789213	45.542	nq #	97
91) Dibenzo(a,h)anthracene	28.83	278	1723058	44.666	nq #	97
92) Benzo(g,h,i)perylene	29.92	276	1750253	45.413	nq #	95

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

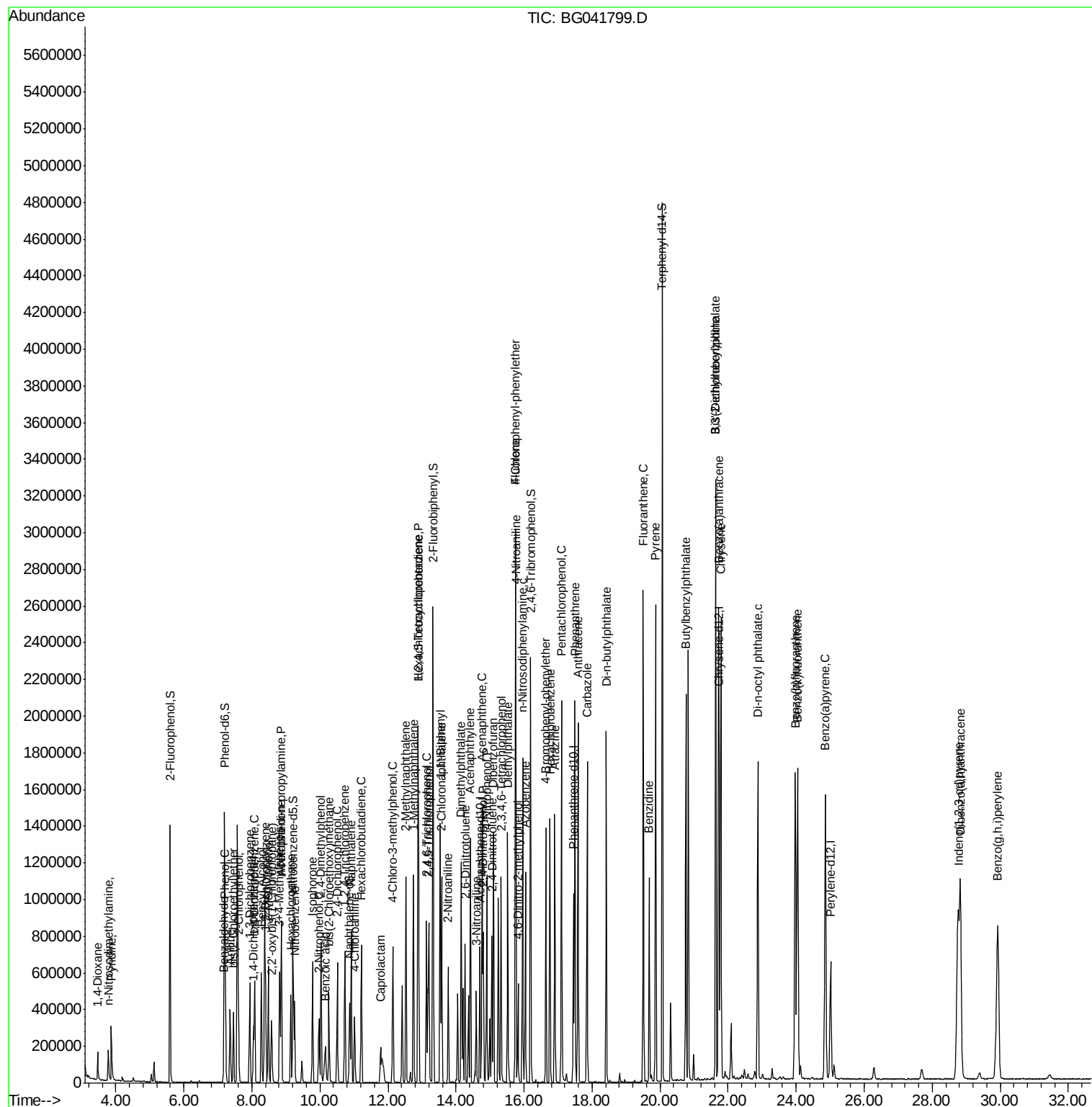
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#1

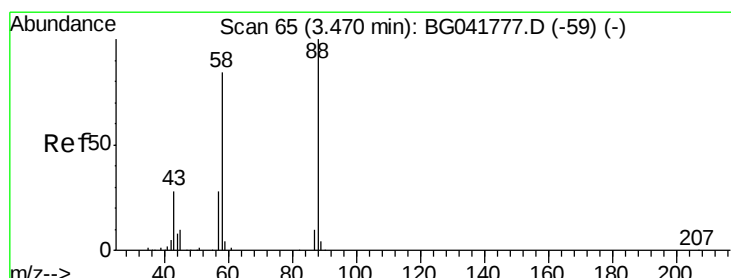
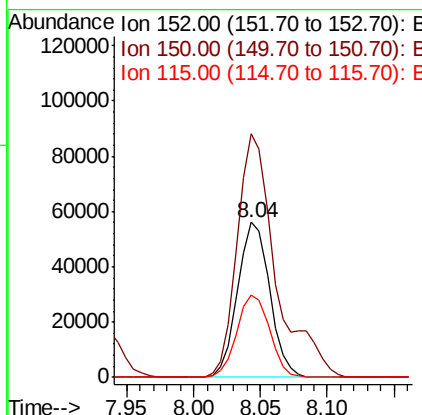
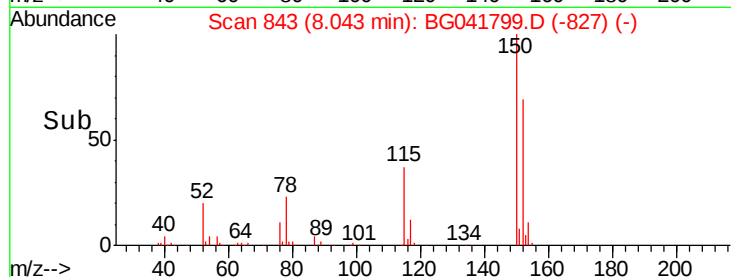
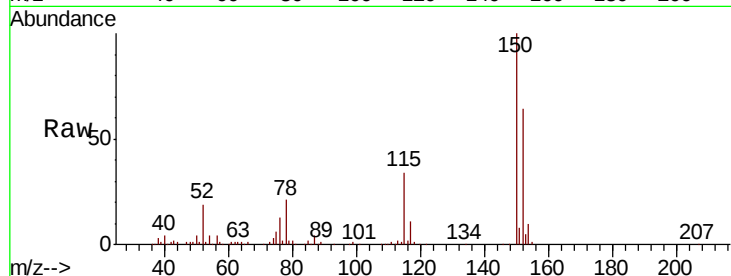
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.9	190.3
115	53.2	45.0	67.6

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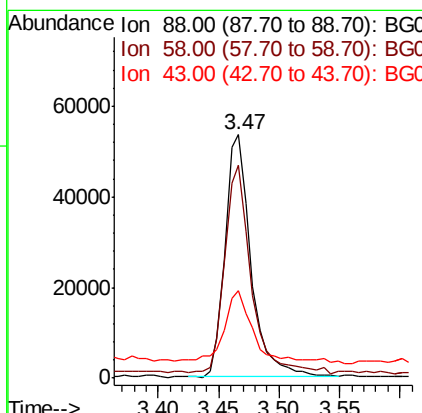
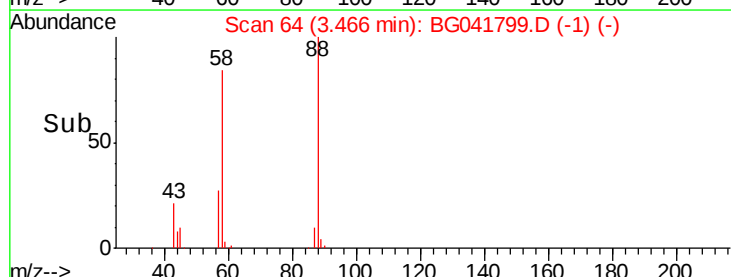
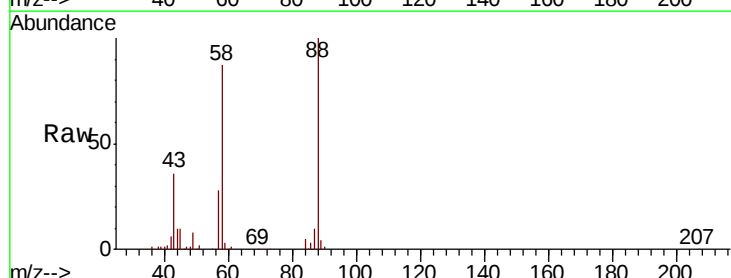
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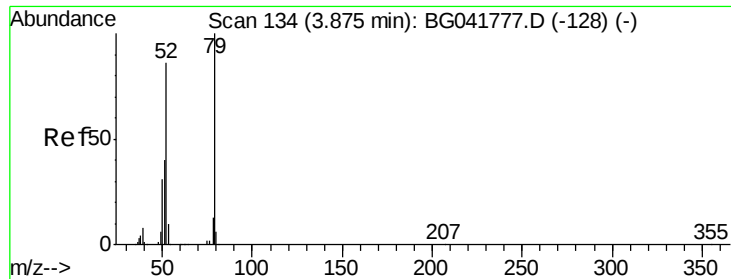


#2

1,4-Dioxane
Concen: 35.234 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.5	76.2	114.2
43	28.0	27.2	40.8





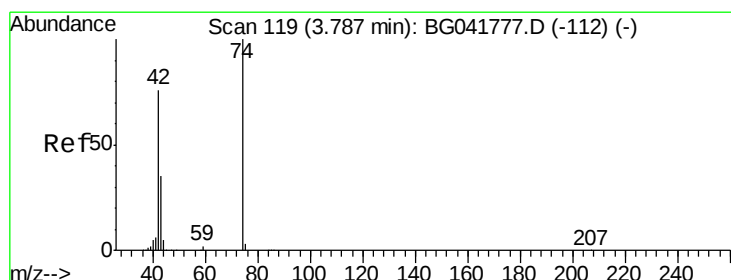
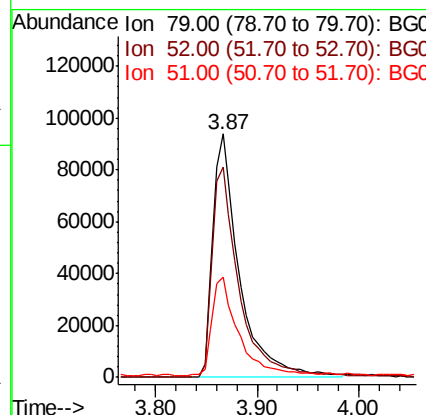
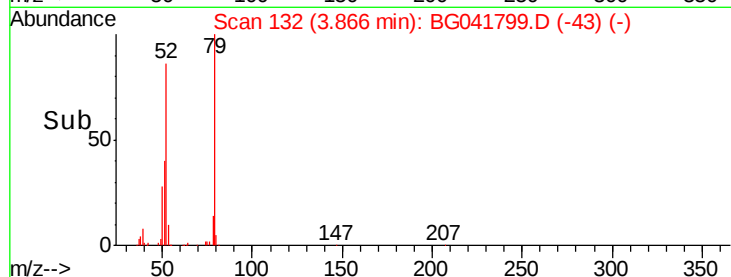
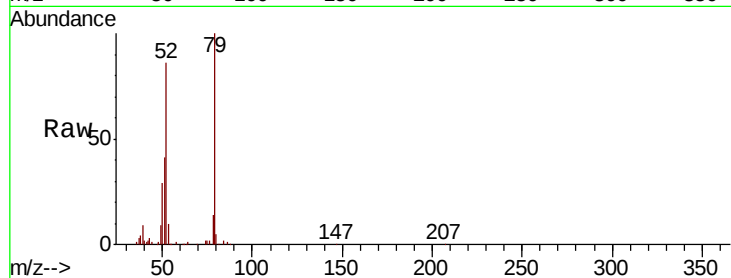
#3
 Pvridine
 Concen: 27.459 ng
 RT: 3.87 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.2	77.1	115.7
51	41.2	37.8	56.8

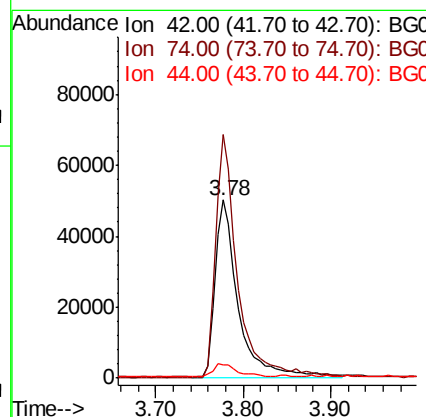
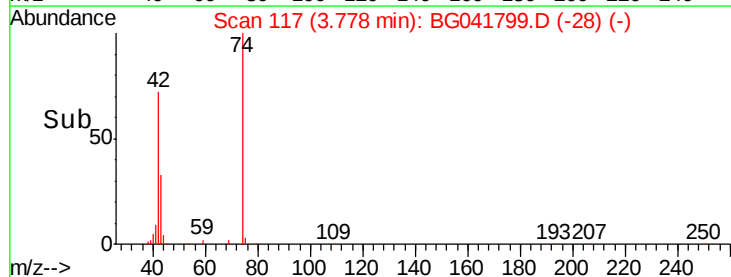
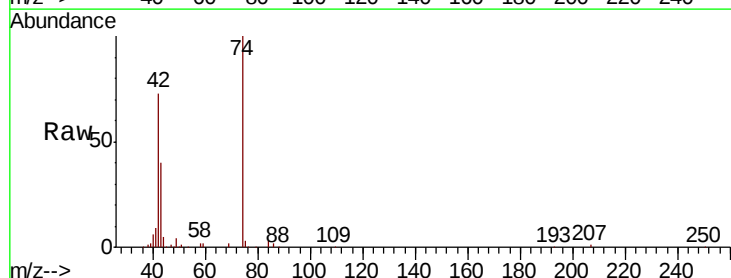
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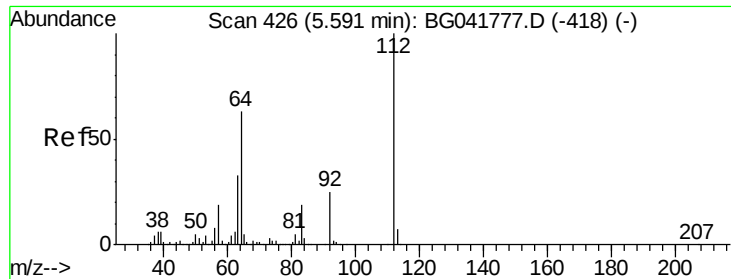
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#4
 n-Nitrosodimethylamine
 Concen: 36.703 ng
 RT: 3.78 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.7	97.4	146.2
44	7.2	6.6	9.8





#5

2-Fluorophenol

Concen: 129.721 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

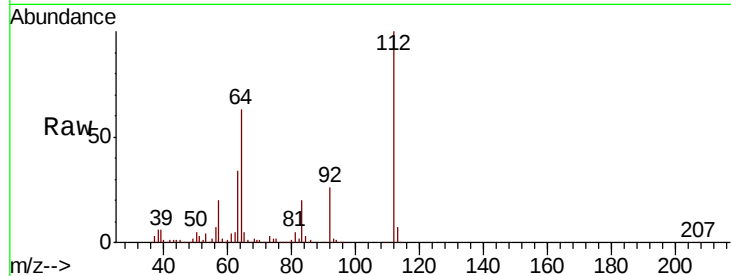
ClientSampled :

PB121731BS

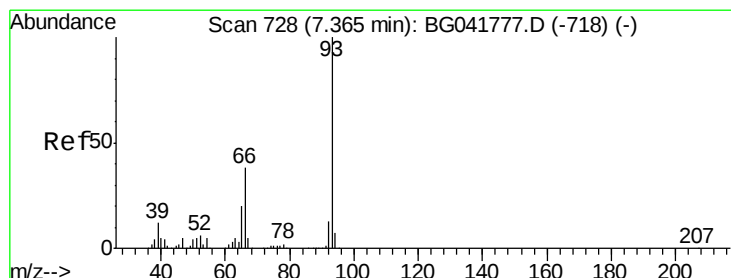
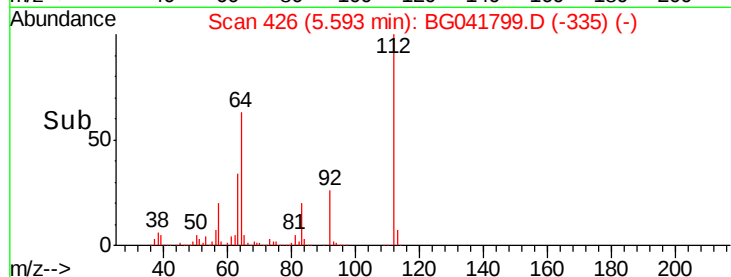
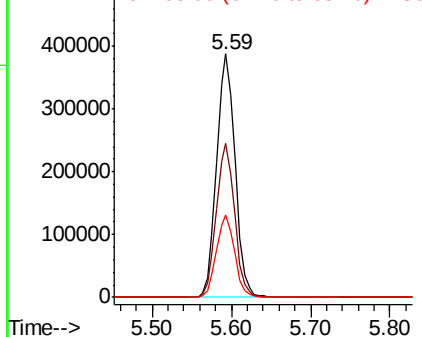
Tot Ion	Ratio	Resp	Lower	Upper
112	100	625321		
64	63.2		55.4	83.2
63	33.7		29.1	43.7

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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: 30.252 ng

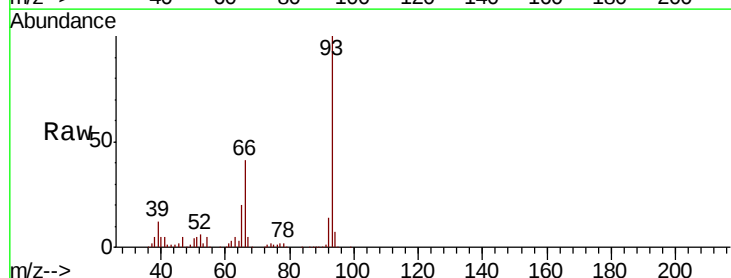
RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

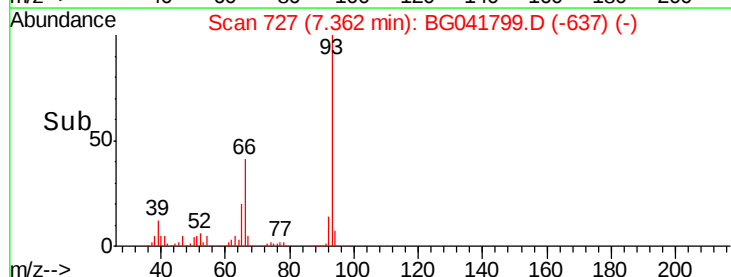
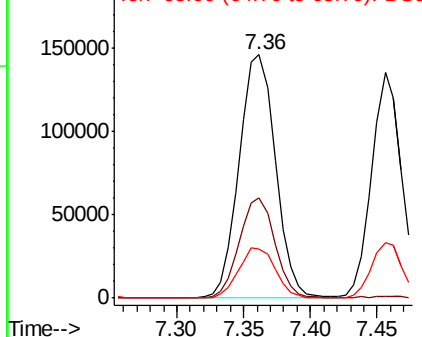
Lab File: BG041799.D

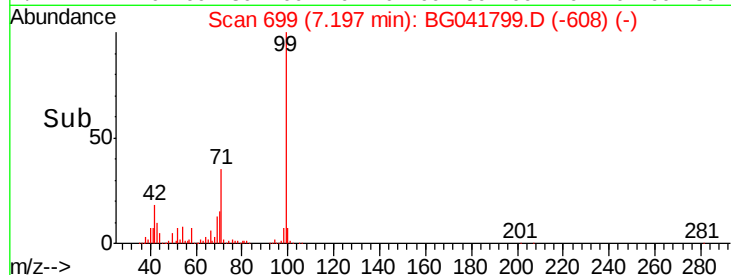
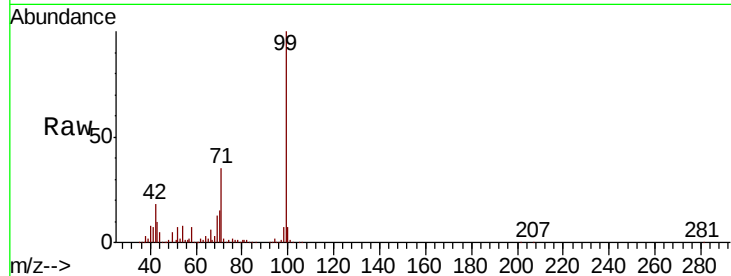
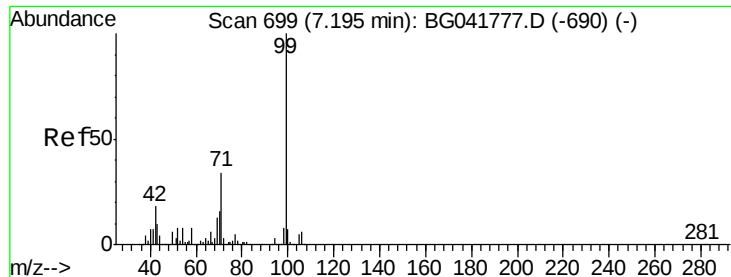
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	276832		
66	41.3		34.2	51.2
65	20.3		18.2	27.2



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: 133.343 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tot Ion:	99	Resp:	866575
Ion Ratio	Lower	Upper	
99	100		
42	18.2	17.6	26.4
71	35.2	27.8	41.6

Instrument :

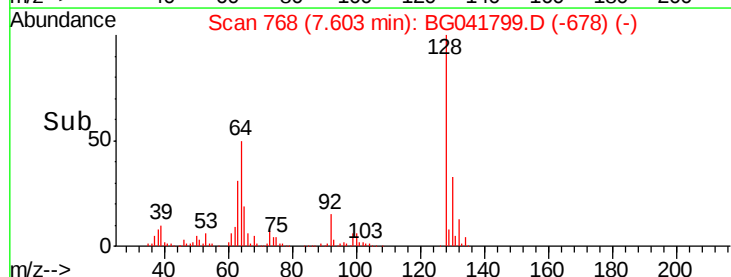
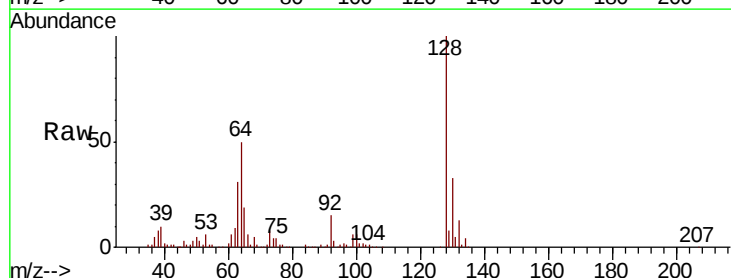
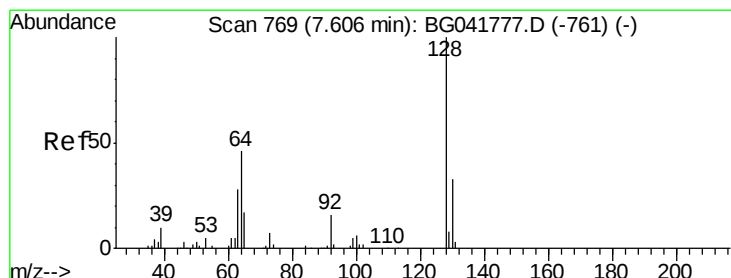
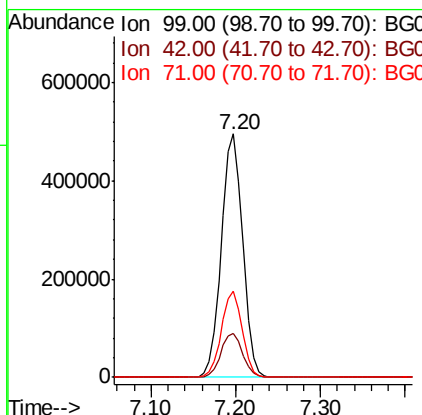
BNA_G

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#8

2-Chlorophenol

Concen: 43.129 ng

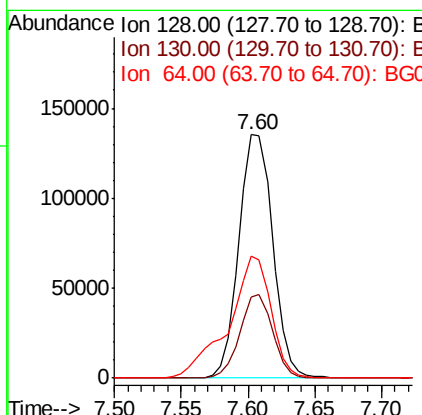
RT: 7.60 min Scan# 768

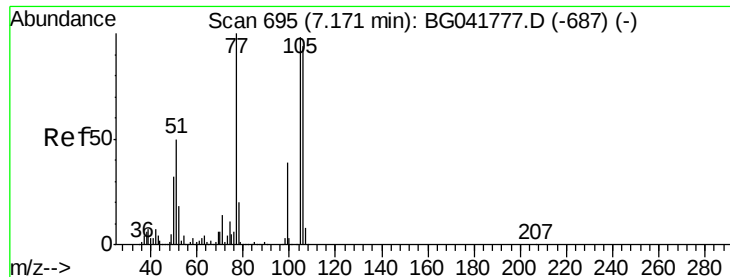
Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tgt Ion:	128	Resp:	238069
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.4	52.4
64	49.9	34.9	74.9





#9

Benzaldehyde

Concen: 8.330 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

ClientSampleID :

PB121731BS

Tot Ion: 77 Resp: 38092

Ion Ratio Lower Upper

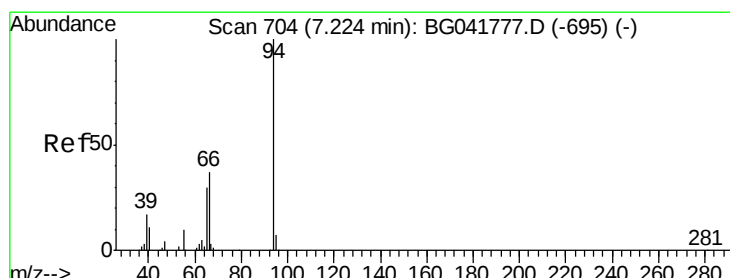
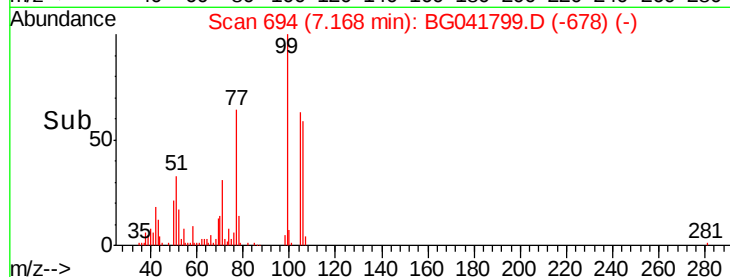
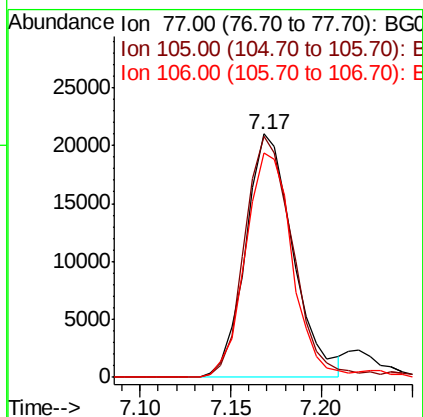
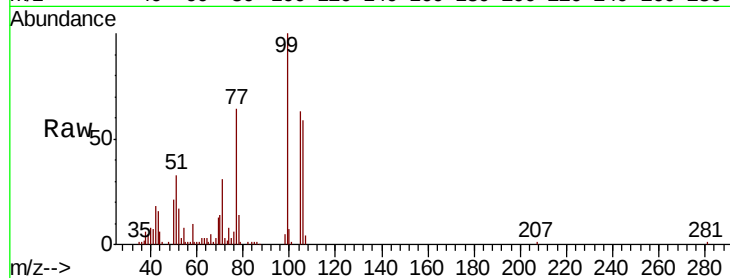
77 100

105 99.2 74.6 114.6

106 92.1 71.1 111.1

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#10

Phenol

Concen: 43.304 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

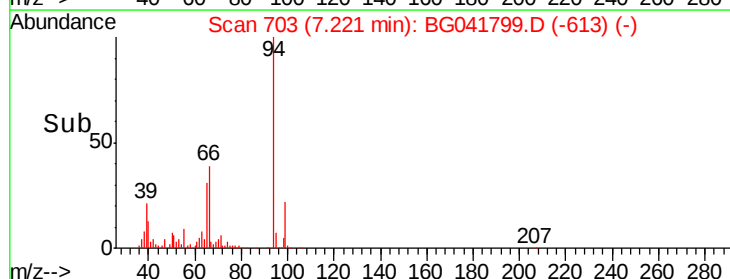
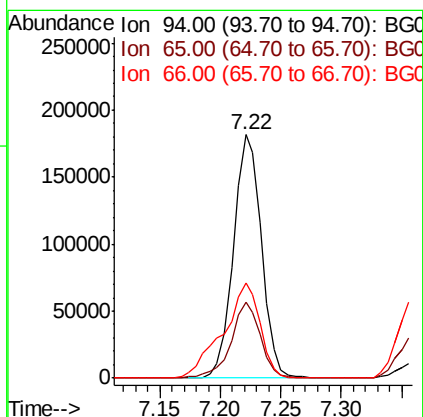
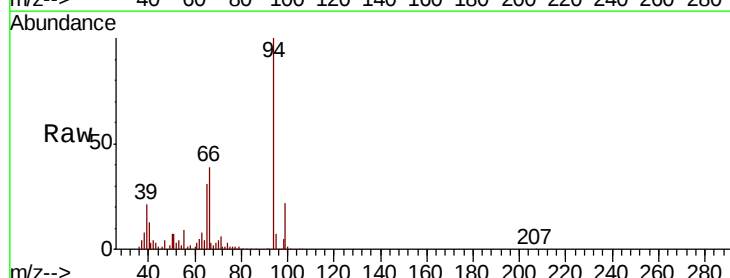
Tgt Ion: 94 Resp: 292778

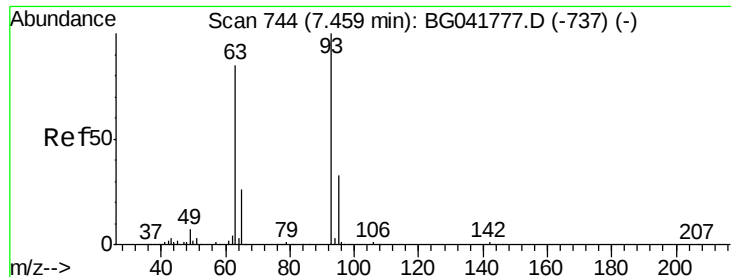
Ion Ratio Lower Upper

94 100

65 31.0 10.6 50.6

66 39.3 18.2 58.2





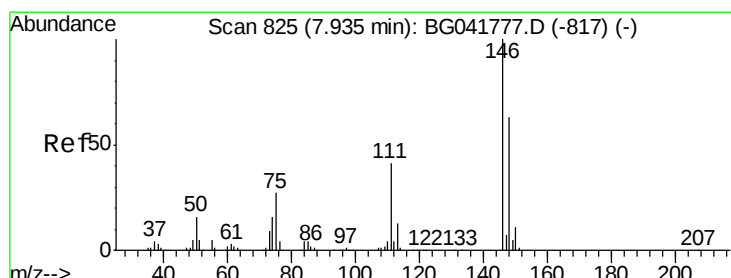
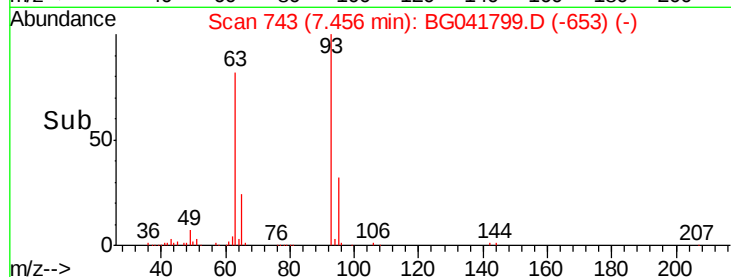
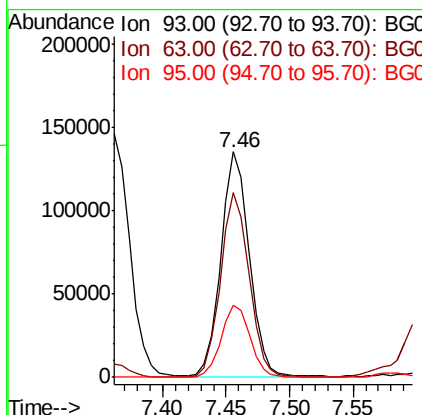
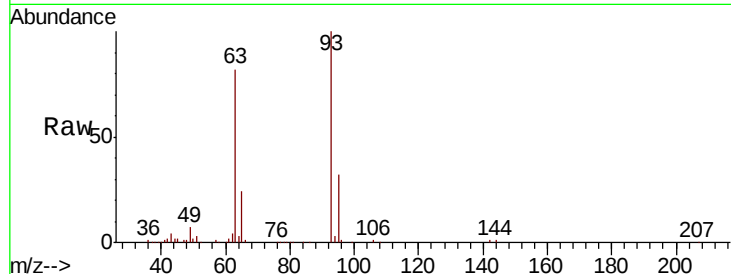
#11
bis(2-Chloroethyl)ether
Concen: 37.913 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	210728		
63	82.2		70.4	110.4
95	32.0		12.8	52.8

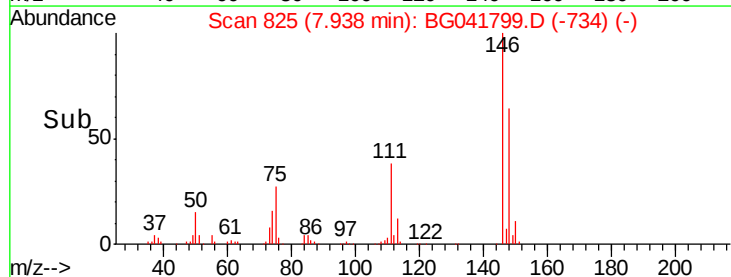
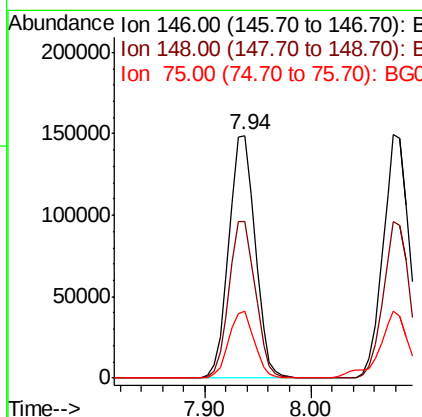
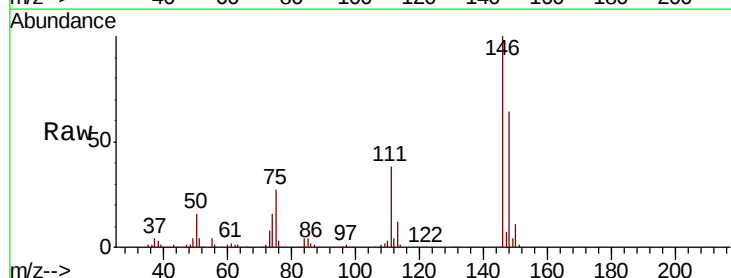
Manual Integrations
APPROVED

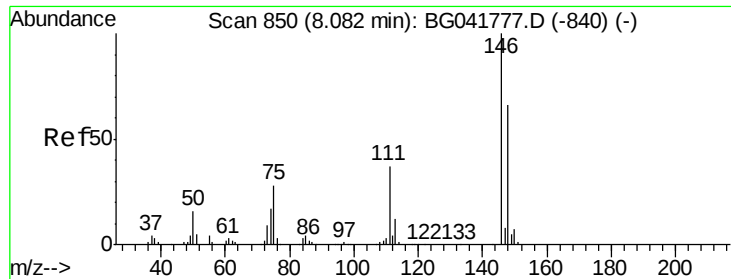
mohammad
8/1/2019 5:04:50 PM



#12
1,3-Dichlorobenzene
Concen: 35.576 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	256300		
148	64.3		51.5	77.3
75	27.4		23.2	34.8





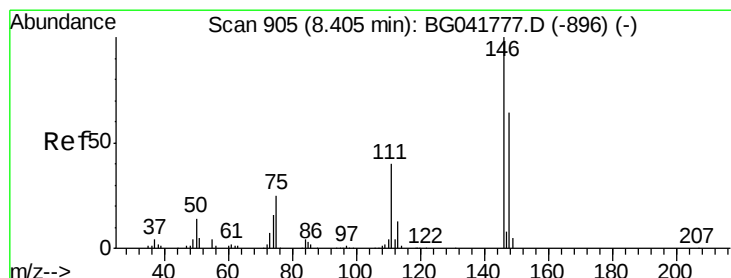
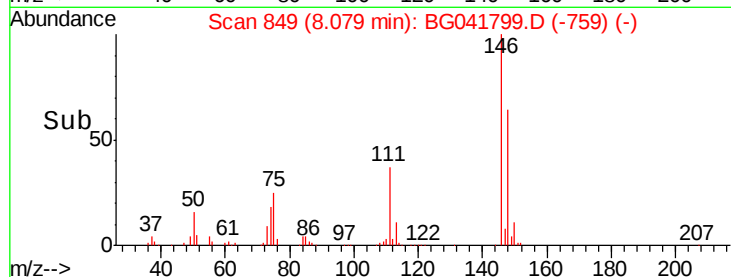
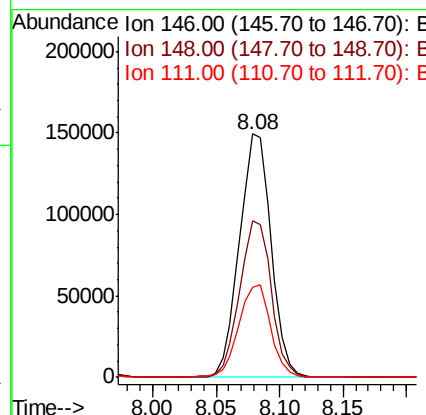
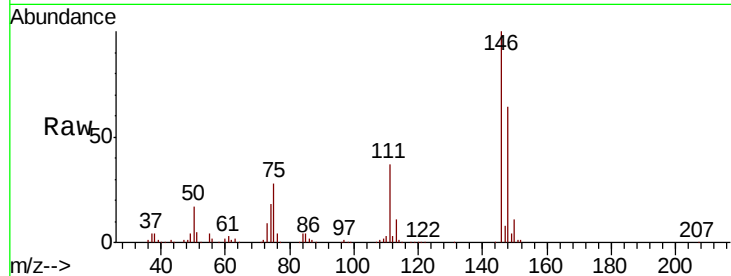
#13
1,4-Dichlorobenzene
Concen: 35.853 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	79.0
111	36.9	32.5	48.7

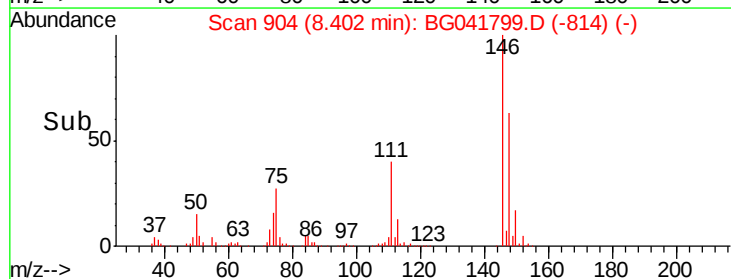
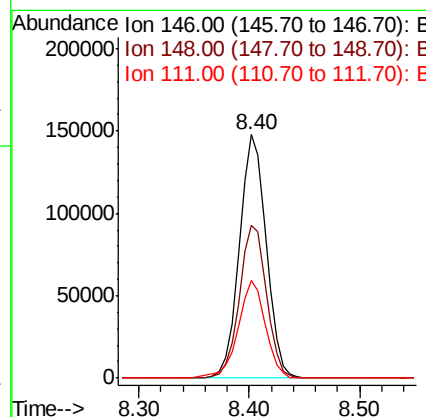
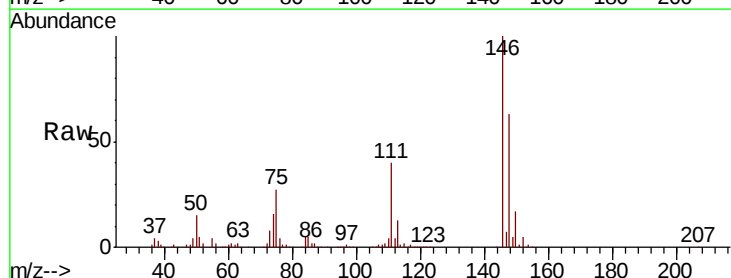
Manual Integrations
APPROVED

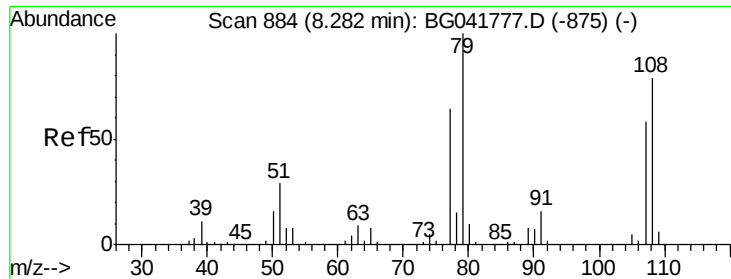
mohammad
8/1/2019 5:04:50 PM



#14
1,2-Dichlorobenzene
Concen: 36.573 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	53.5	80.3
111	40.1	35.4	53.0





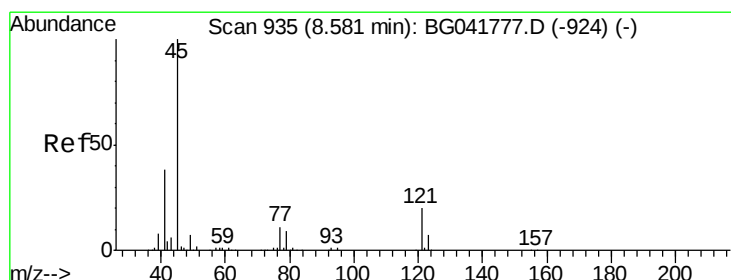
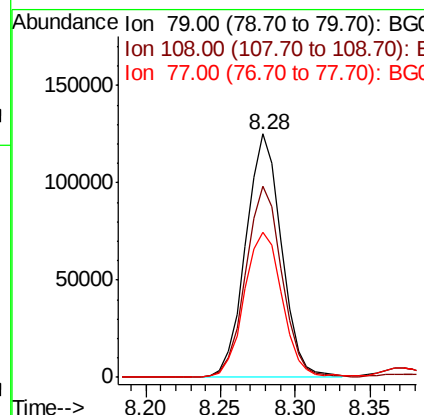
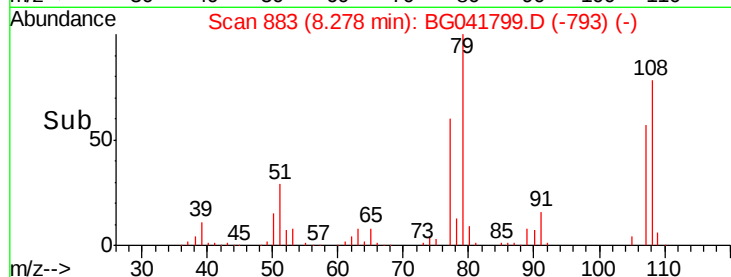
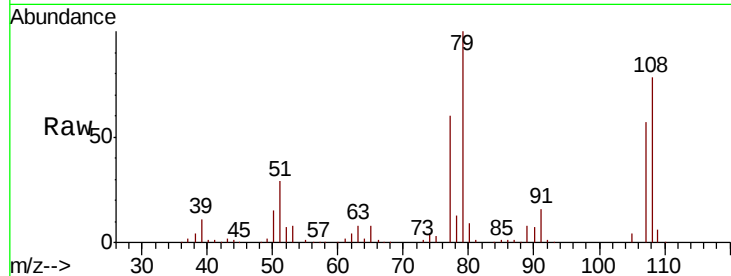
#15
Benzyl Alcohol
Concen: 40.543 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	207290		
108	78.3	60.5	90.7	
77	59.8	50.6	75.8	

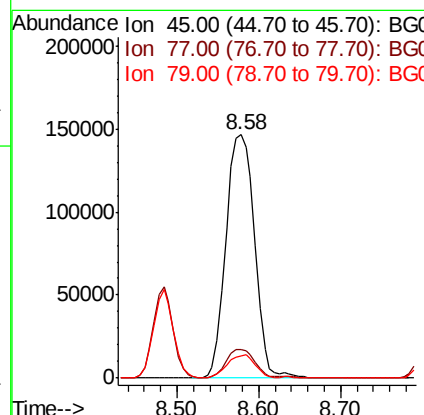
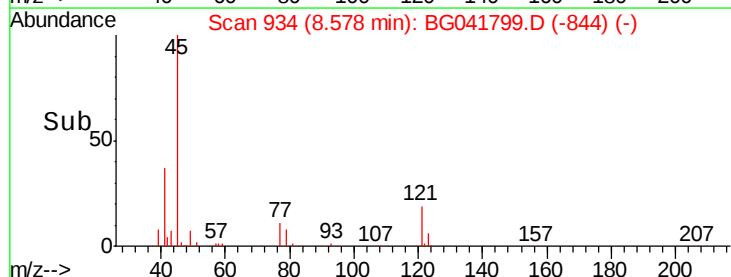
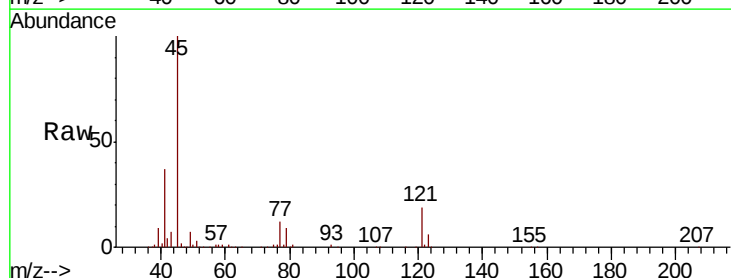
Manual Integrations
APPROVED

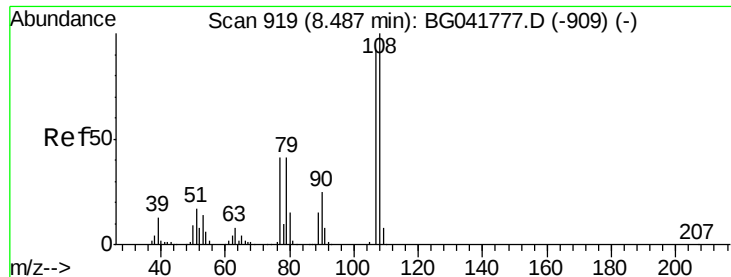
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.297 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	358935		
77	11.9	0.0	30.4	
79	8.9	0.0	27.9	





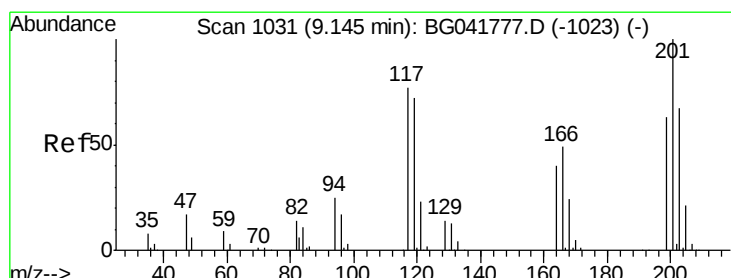
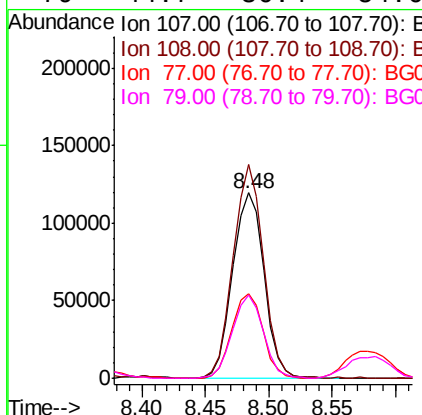
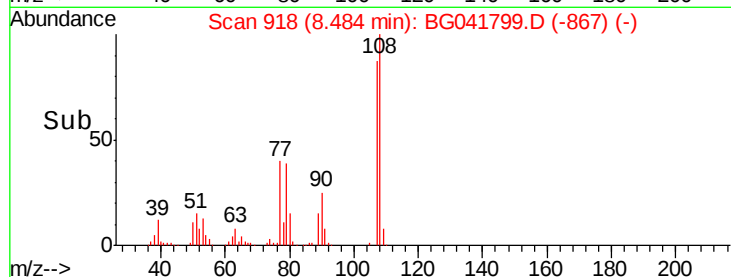
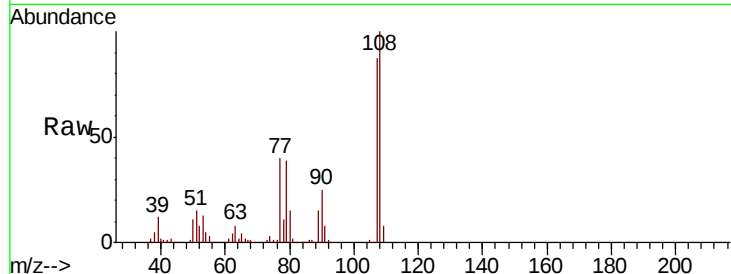
#17
2-Methylphenol
Concen: 41.881 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	87.6	131.4	
77	45.9	36.1	54.1	
79	44.7	36.4	54.6	

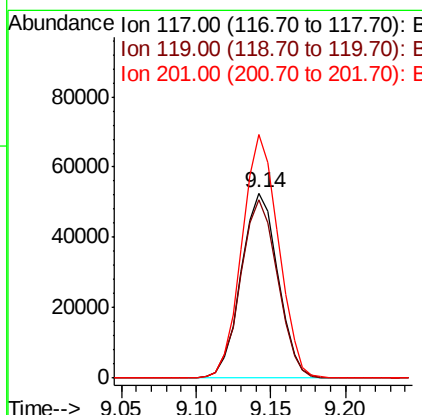
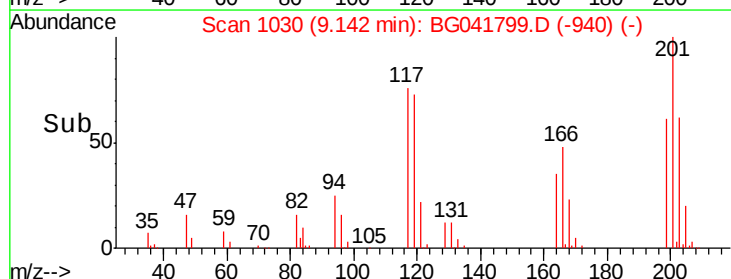
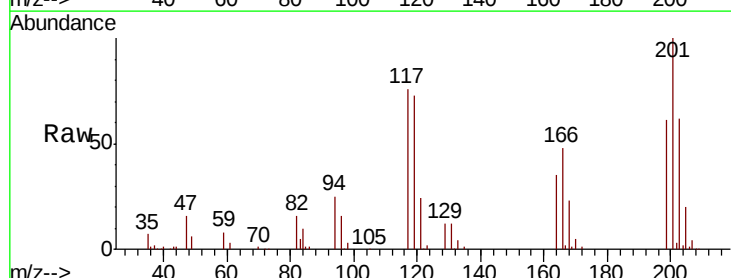
Manual Integrations
APPROVED

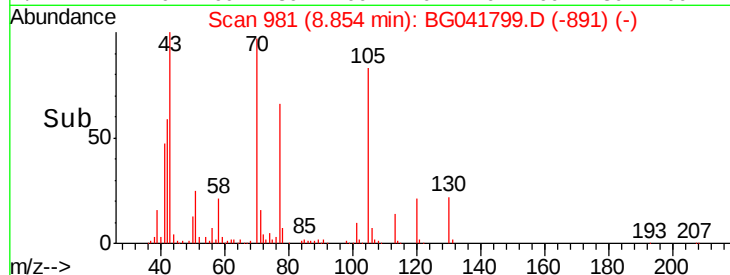
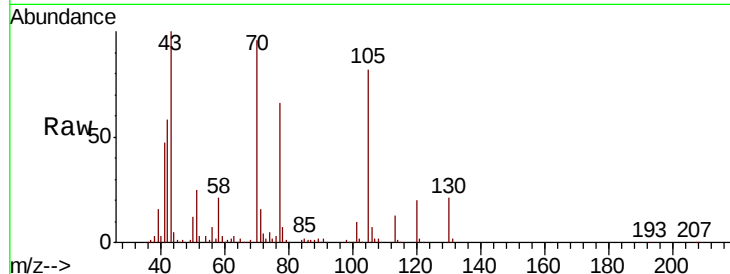
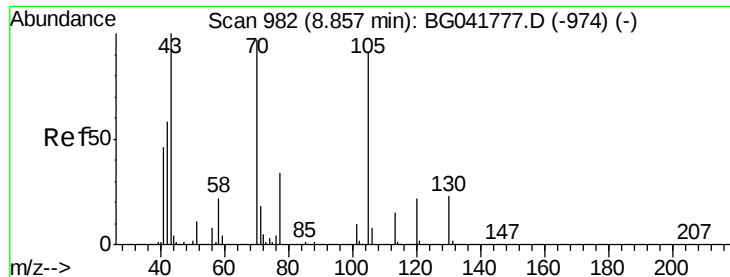
mohammad
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#18
Hexachloroethane
Concen: 36.427 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.2	114.2	
201	131.4	94.1	141.1	





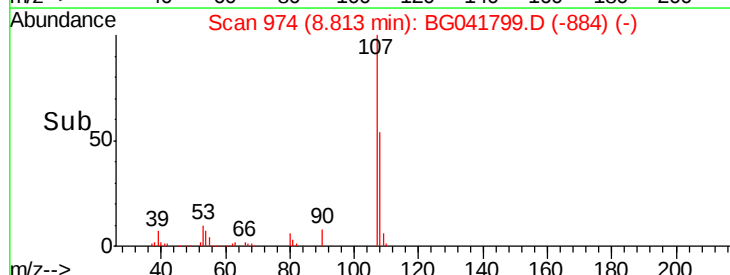
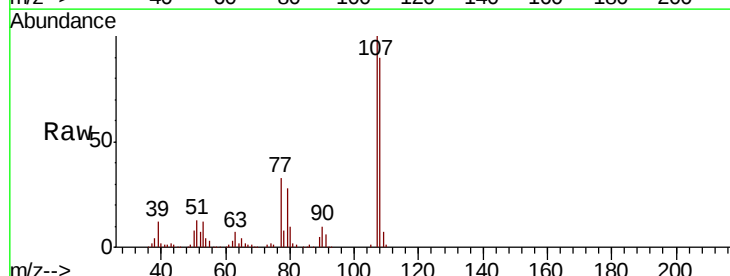
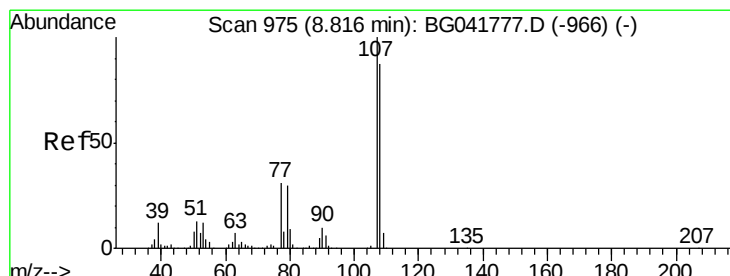
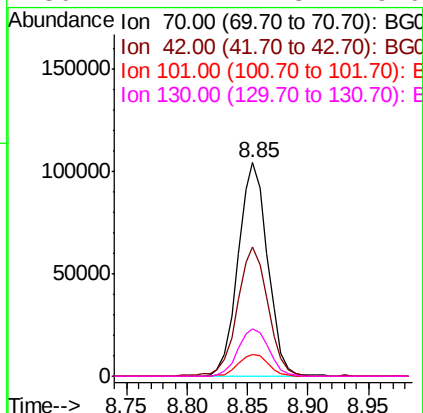
#19
n-Nitroso-di-n-propylamine
Concen: 37.623 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.4	55.8	83.6	
101	10.0	8.1	12.1	
130	22.4	17.3	25.9	

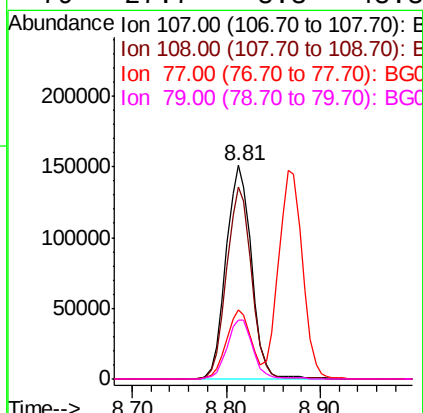
Manual Integrations
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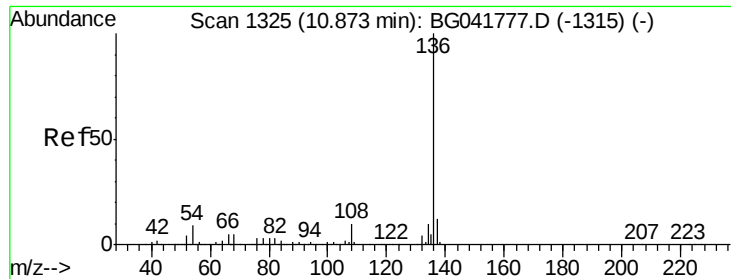
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#20
3+4-Methylphenols
Concen: 42.069 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	67.5	107.5	
77	32.6	12.3	52.3	
79	27.7	8.3	48.3	





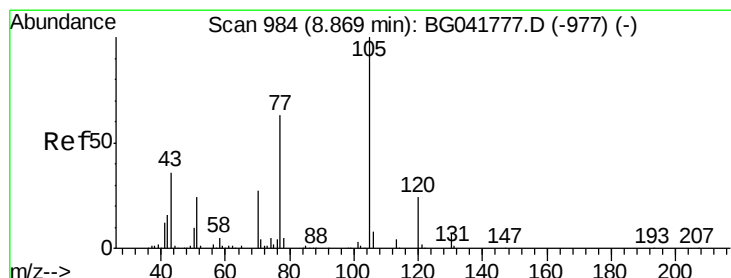
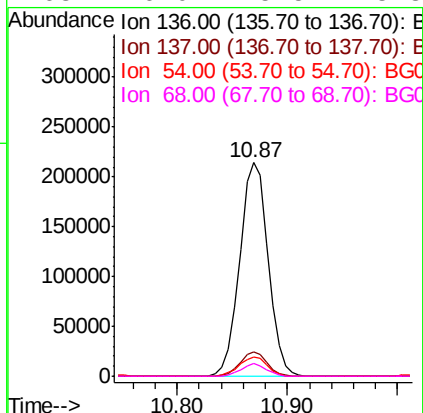
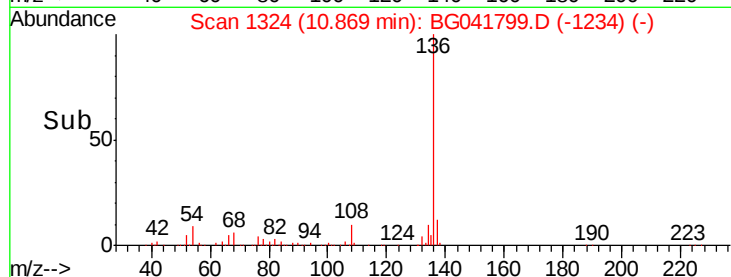
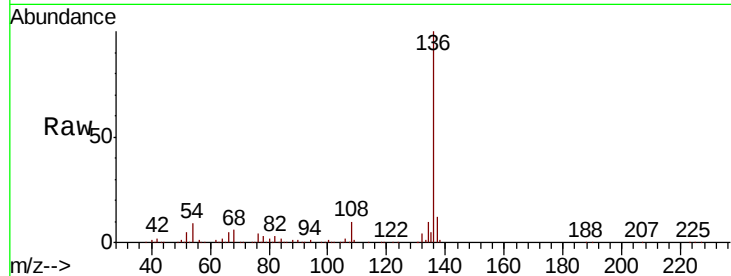
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	387000		
137	11.6	9.2	13.8	
54	9.0	8.7	13.1	
68	6.0	5.5	8.3	

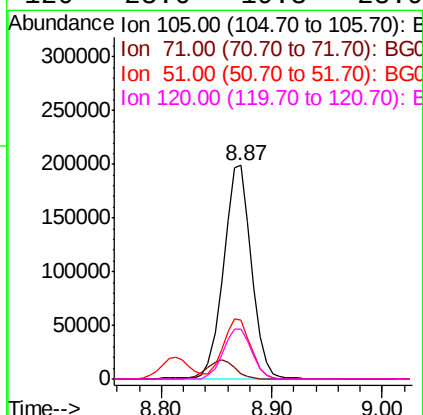
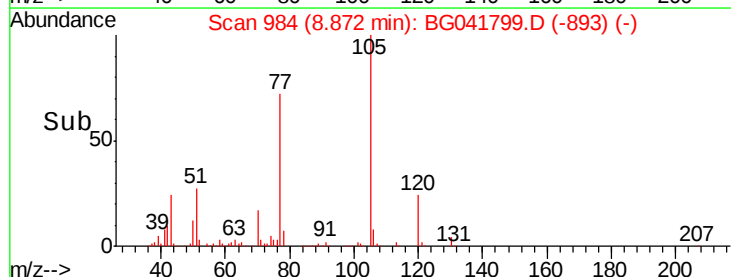
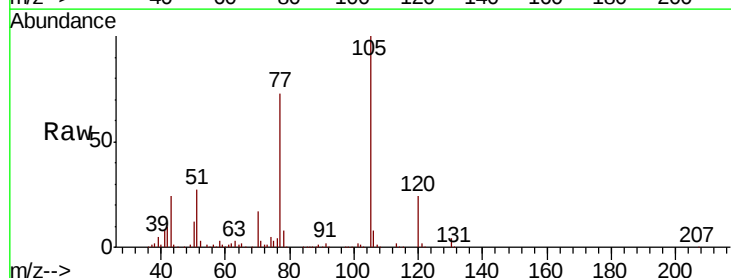
Manual Integrations
APPROVED

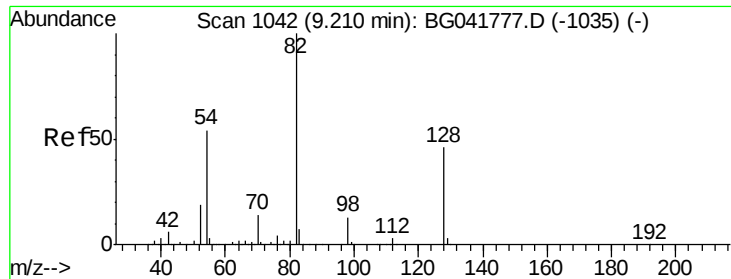
mohammad
8/1/2019 5:04:50 PM



#22
Acetophenone
Concen: 40.461 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	350243		
71	2.5	5.9	8.9#	
51	27.3	27.7	41.5#	
120	23.6	19.3	28.9	





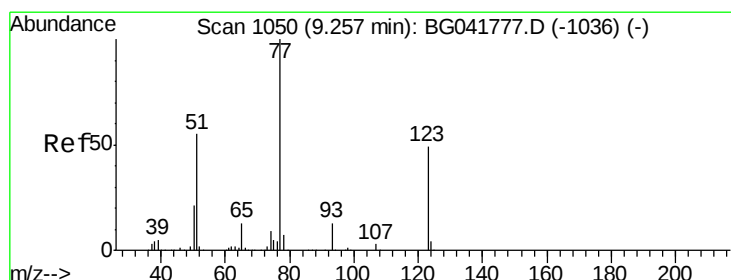
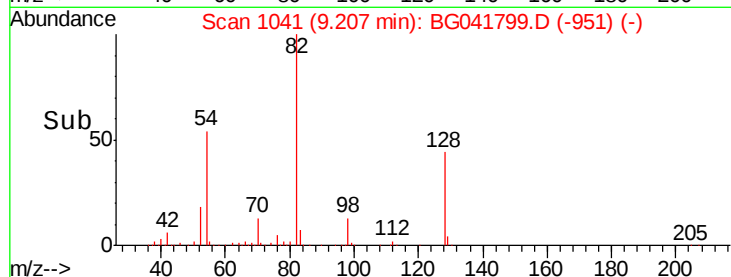
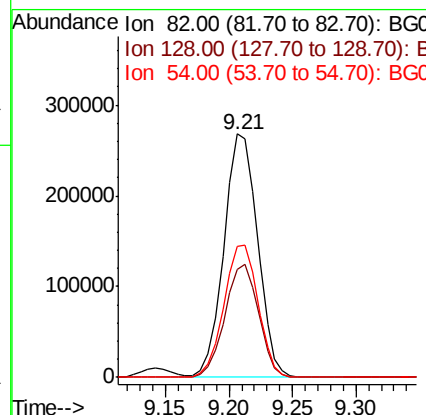
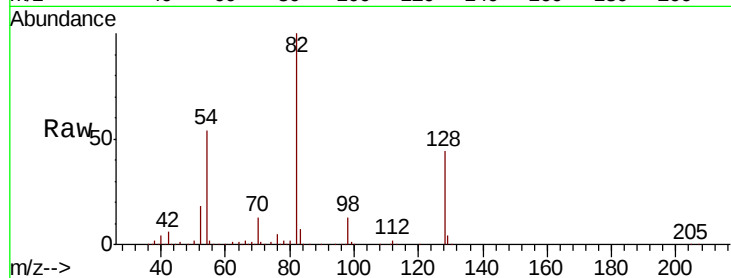
#23
 Nitrobenzene-d5
 Concen: 87.530 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.1	52.7
54	53.6	48.7	73.1

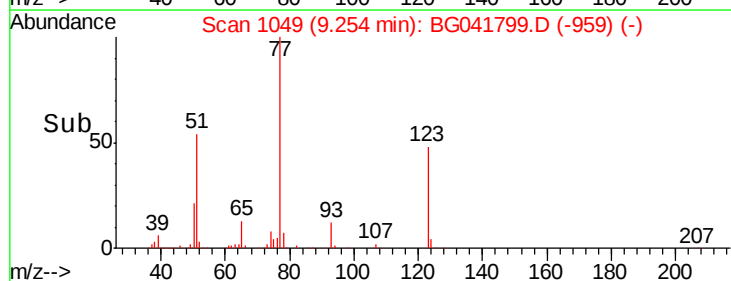
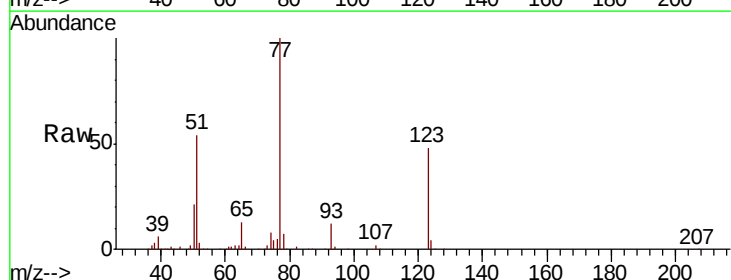
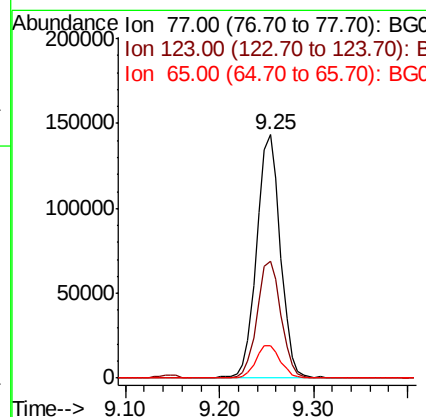
Manual Integrations
 APPROVED

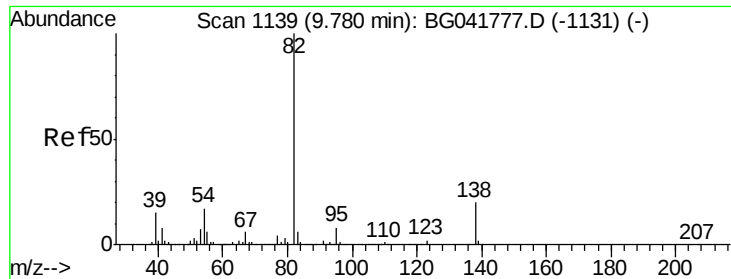
mohammad
 8/1/2019 5:04:50 PM



#24
 Nitrobenzene
 Concen: 42.327 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.1	57.1
65	13.4	11.0	16.6





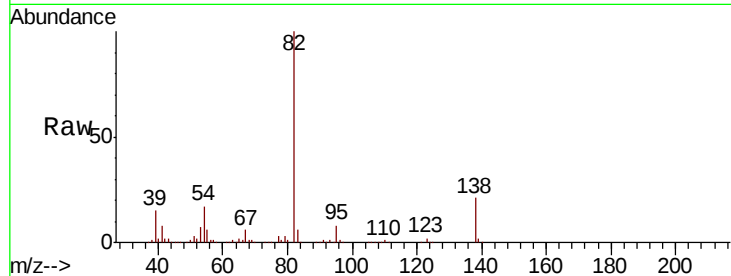
#25
Isophorone
Concen: 40.303 ng
RT: 9.78 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

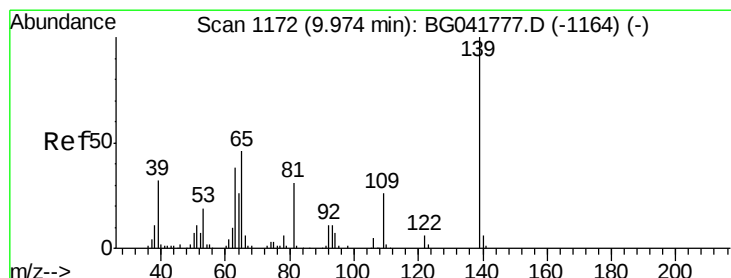
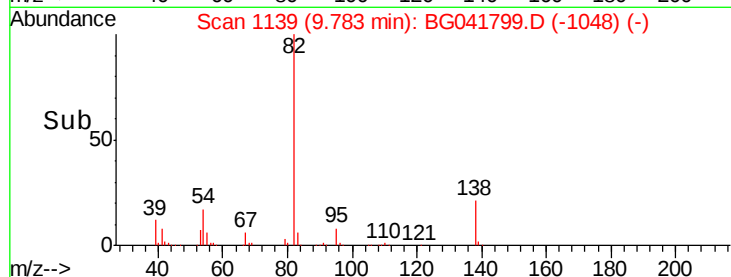
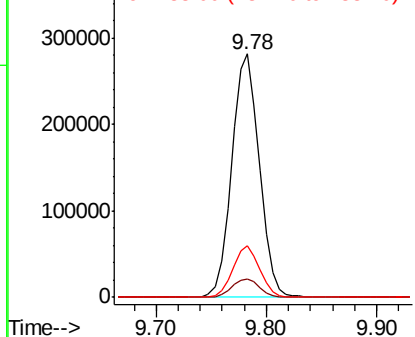
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.9	8.9
138	21.3	16.3	24.5

Manual Integrations
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mohammad
8/1/2019 5:04:50 PM

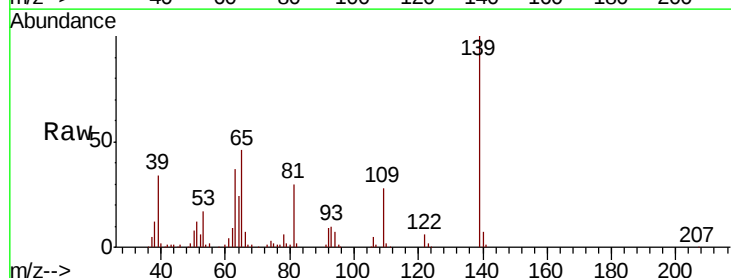


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

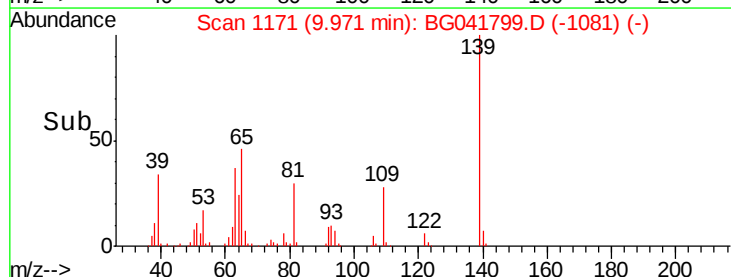
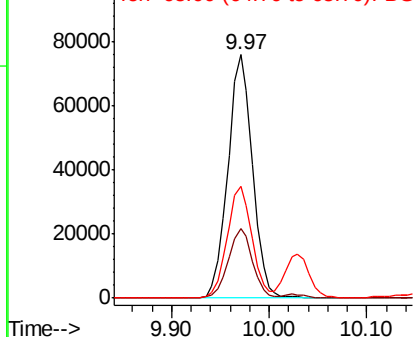


#26
2-Nitrophenol
Concen: 48.099 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.7	34.1
65	45.9	41.1	61.7



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





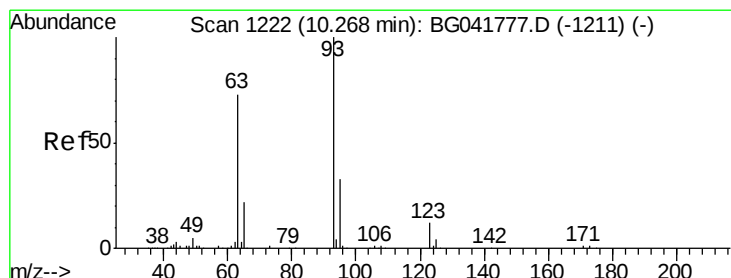
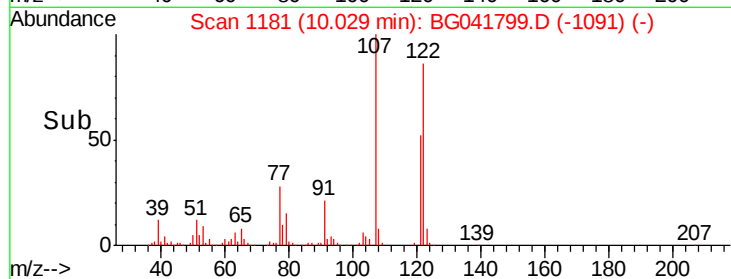
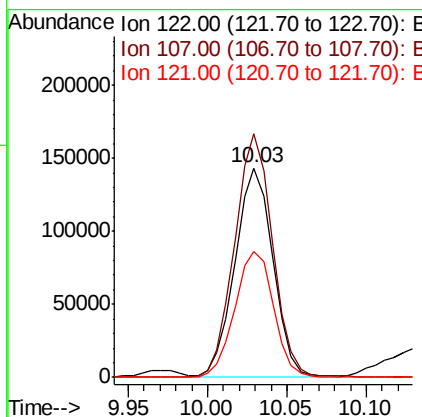
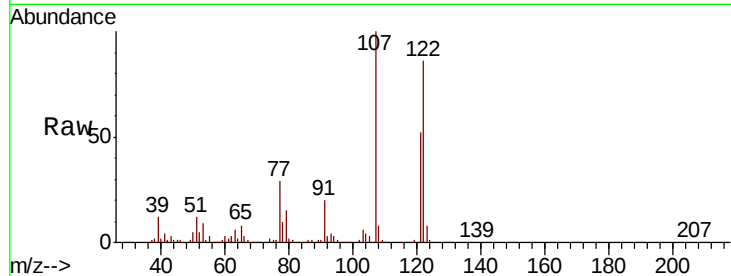
#27
2,4-Dimethylphenol
Concen: 48.869 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	91.3	136.9
121	60.0	49.2	73.8

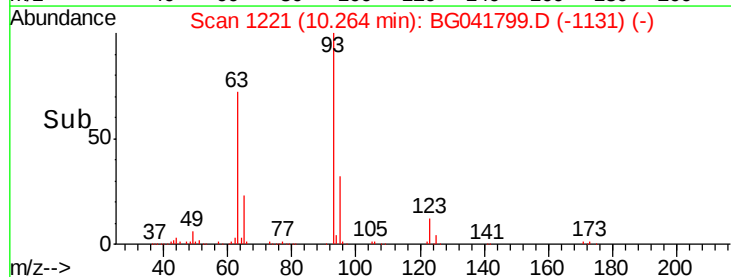
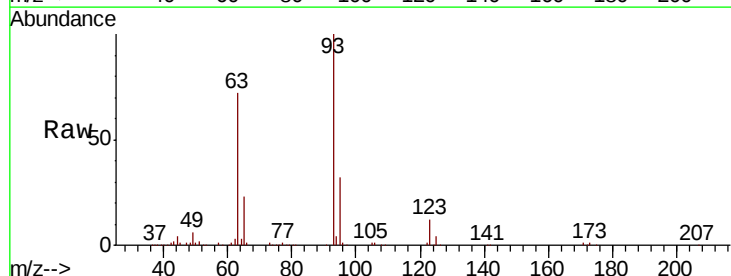
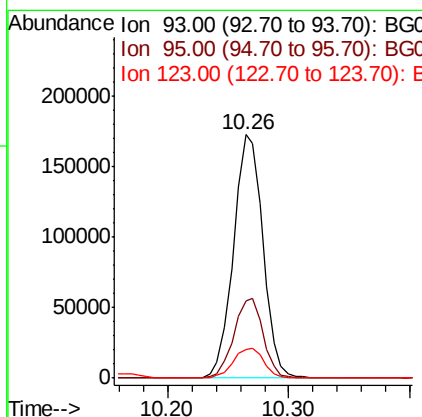
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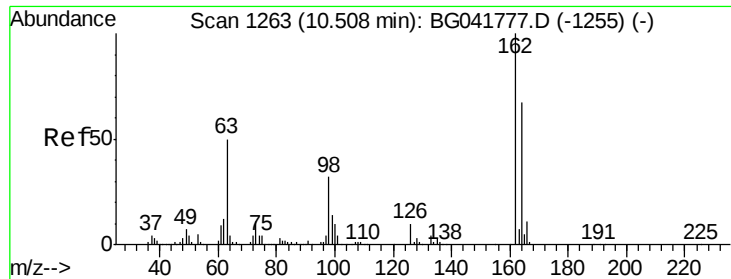
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.508 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.2	39.4
123	11.7	9.9	14.9





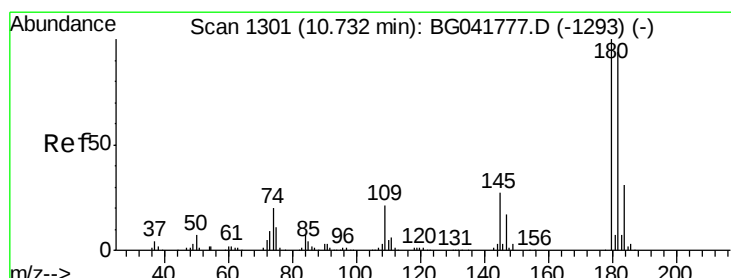
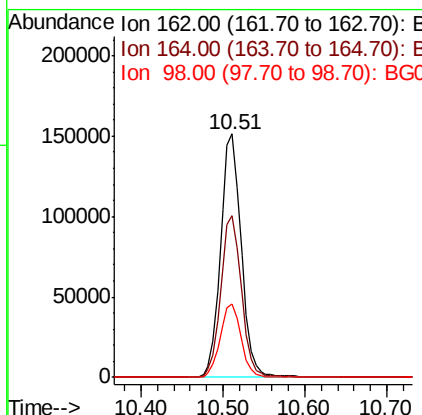
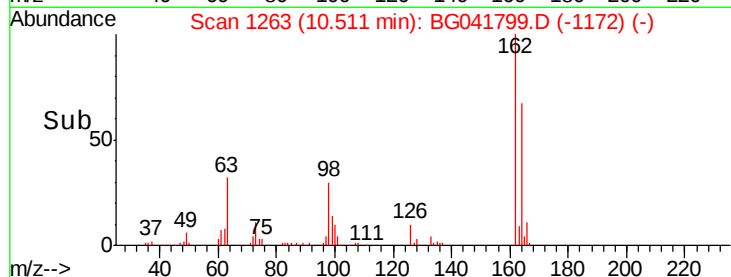
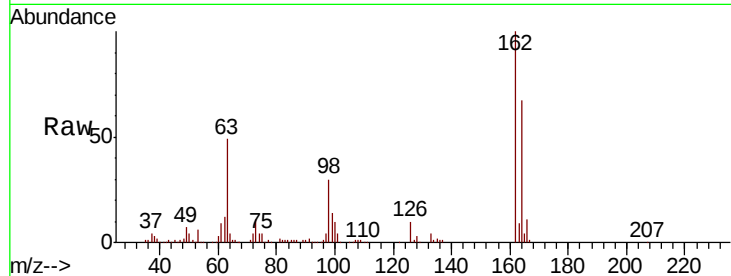
#29
2,4-Dichlorophenol
Concen: 45.161 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266893		
164	66.5	46.1	86.1	
98	30.4	14.7	54.7	

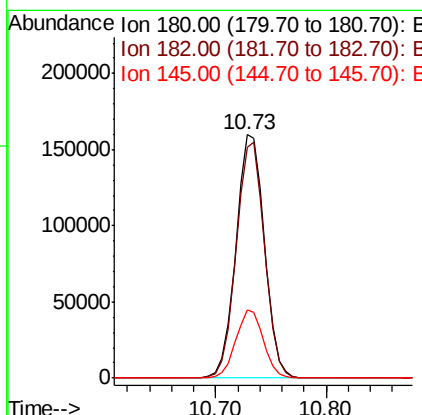
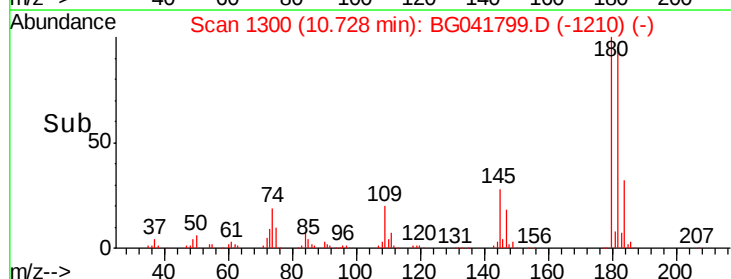
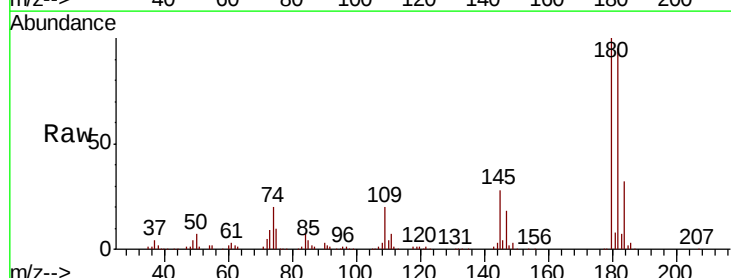
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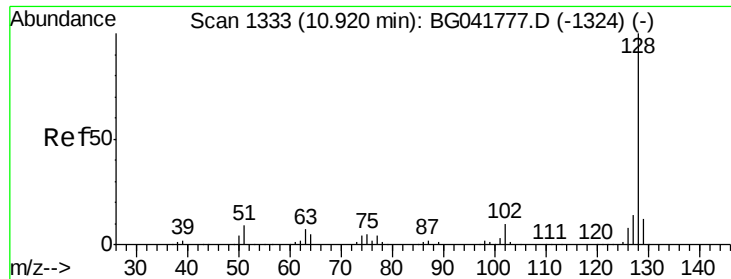
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#30
1,2,4-Trichlorobenzene
Concen: 38.675 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	289838		
182	94.9	76.2	114.2	
145	28.1	23.8	35.8	





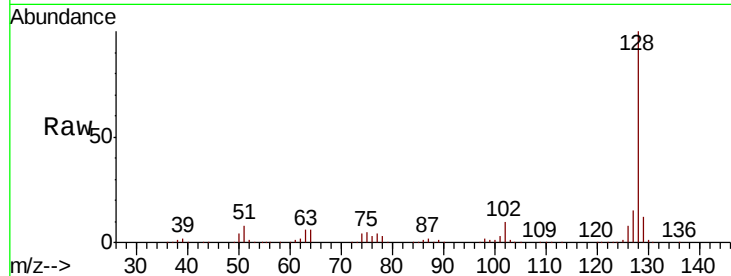
#31
Naphthalene
Concen: 40.652 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	14.6	12.3	18.5

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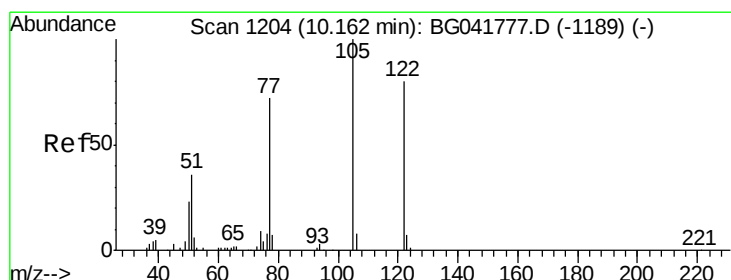
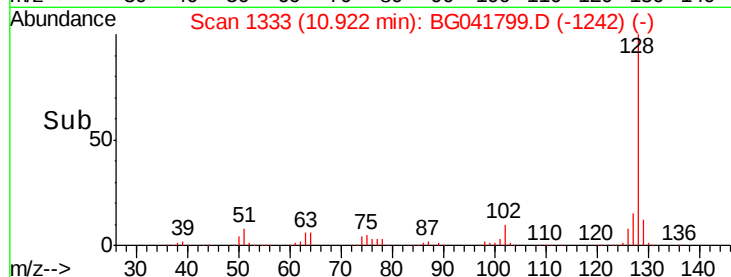
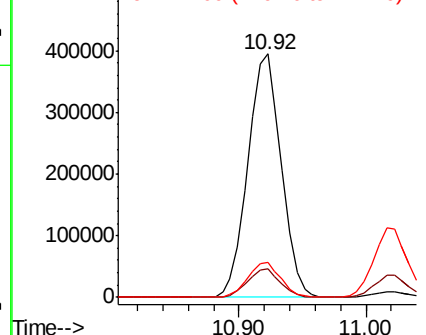


Abundance

Ion 128.00 (127.70 to 128.70): E

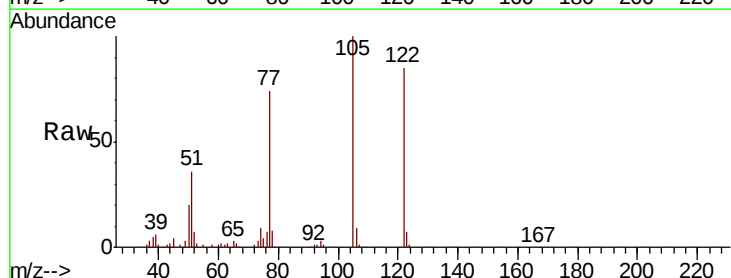
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.059 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	101.5	141.5
77	87.0	73.0	113.0

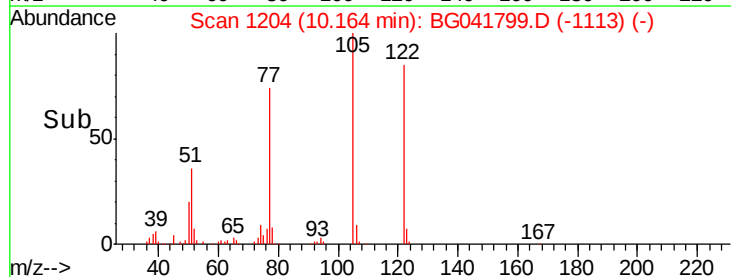
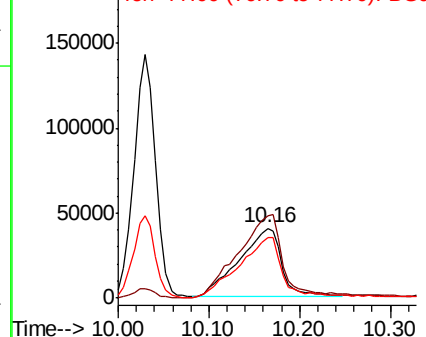


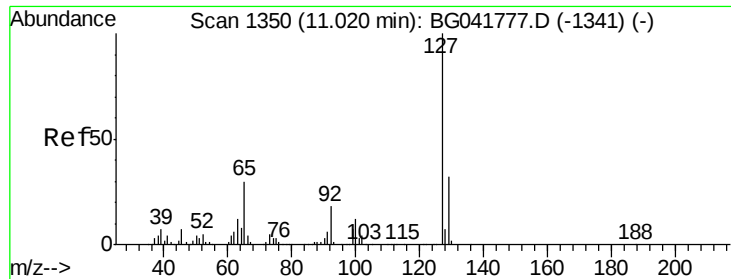
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





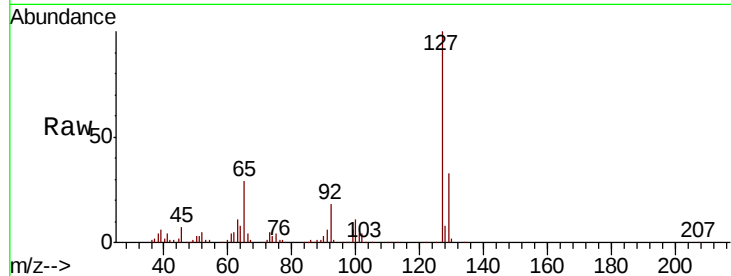
#33
4-Chloroaniline
Concen: 24.756 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

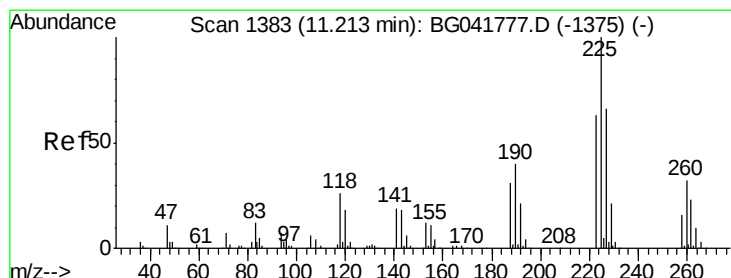
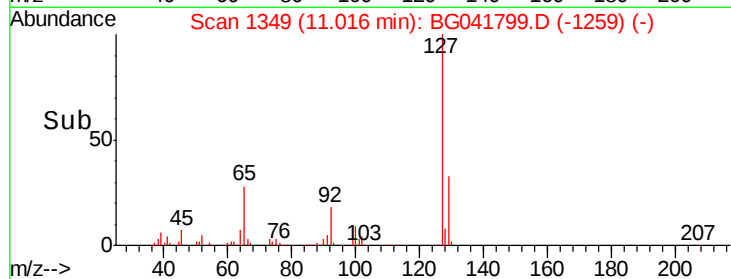
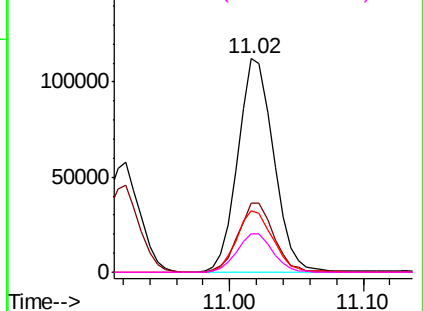
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		207940		
129	32.6	25.8	38.8		
65	28.5	26.7	40.1		
92	17.9	15.4	23.0		

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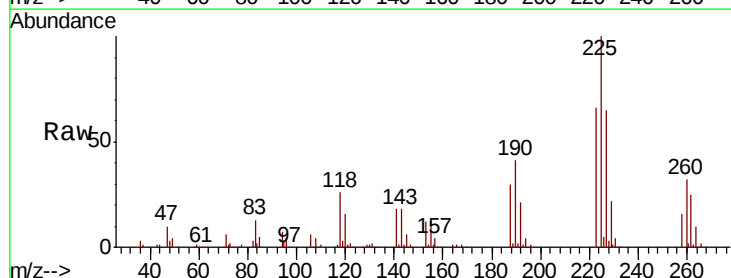


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

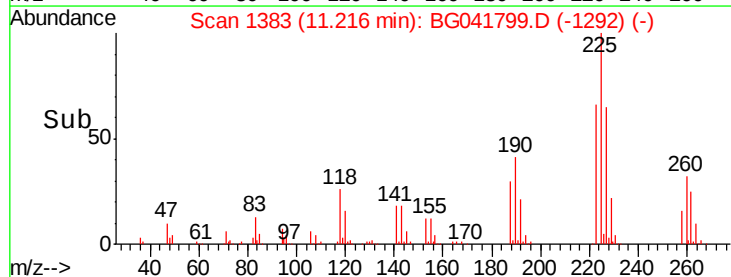
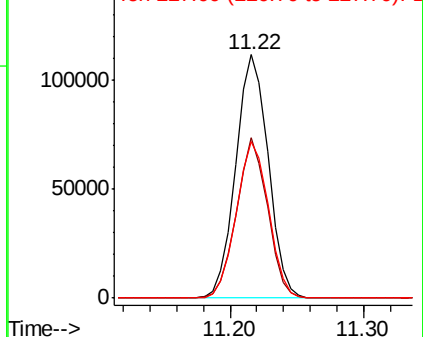


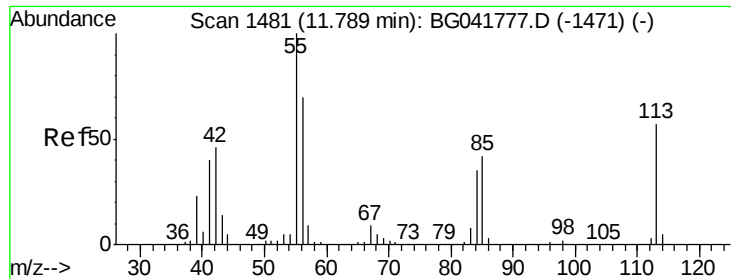
#34
Hexachlorobutadiene
Concen: 37.154 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		187923		
223	65.6	51.1	76.7		
227	64.5	50.9	76.3		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.214 ng/mL

RT: 11.78 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

ClientSampled :

PB121731BS

Tot Ion:113 Resp: 94915

Ion Ratio Lower Upper

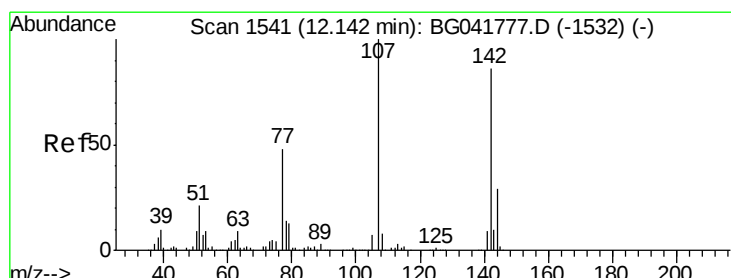
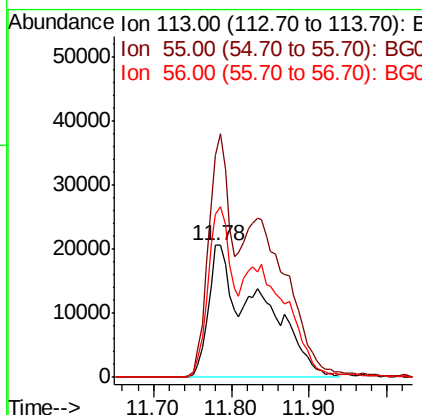
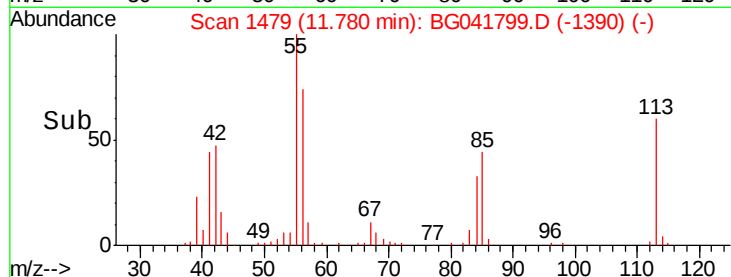
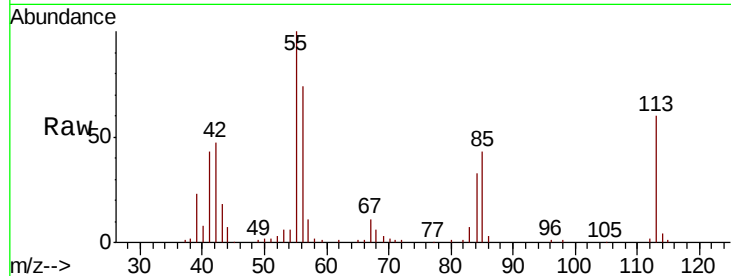
113 100

55 167.6 199.4 239.4#

56 123.7 133.6 173.6#

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#36

4-Chloro-3-methylphenol

Concen: 45.686 ng/mL

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

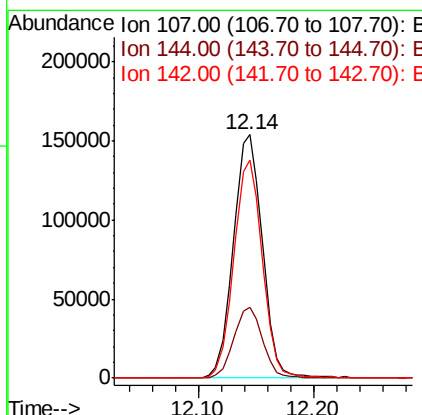
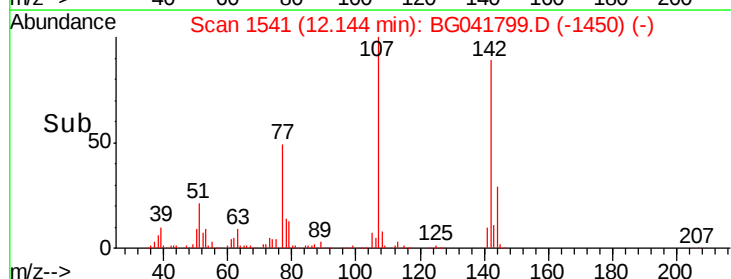
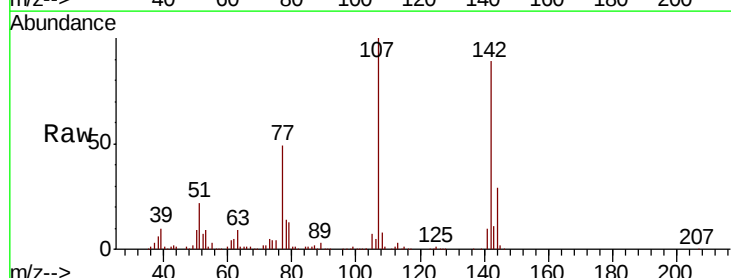
Tgt Ion:107 Resp: 267677

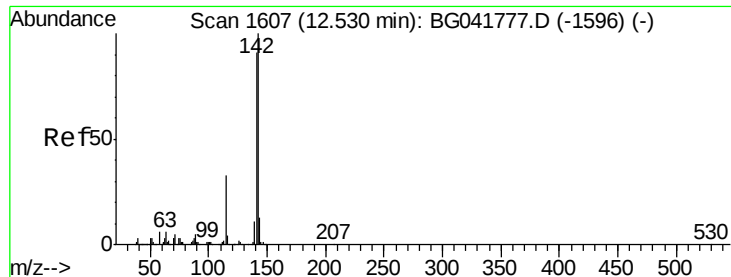
Ion Ratio Lower Upper

107 100

144 29.3 22.2 33.2

142 89.3 67.3 100.9





#37

2-Methylnaphthalene

Concen: 41.555 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

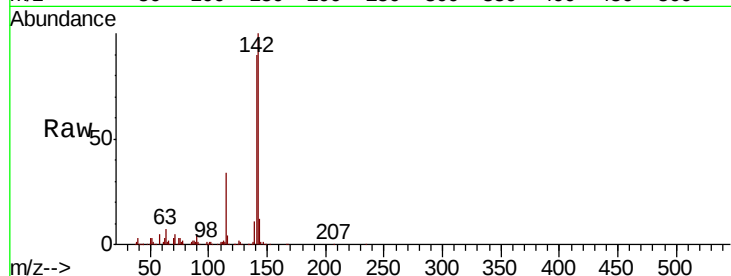
ClientSampleId :

PB121731BS

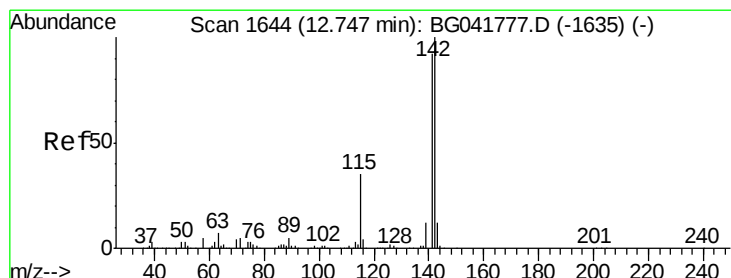
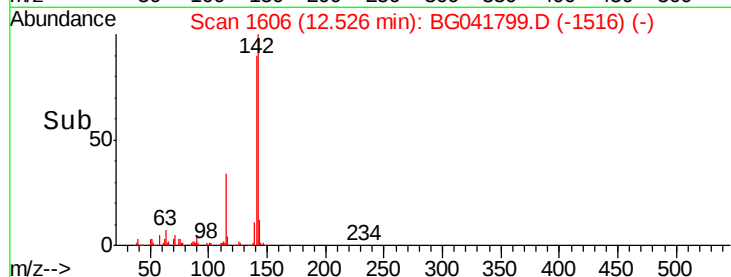
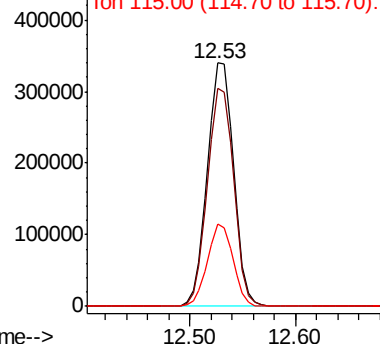
Tot Ion:	142	Resp:	582586
Ion Ratio	Lower	Upper	
142	100		
141	89.7	72.7	109.1
115	33.7	27.0	40.4

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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: 41.496 ng

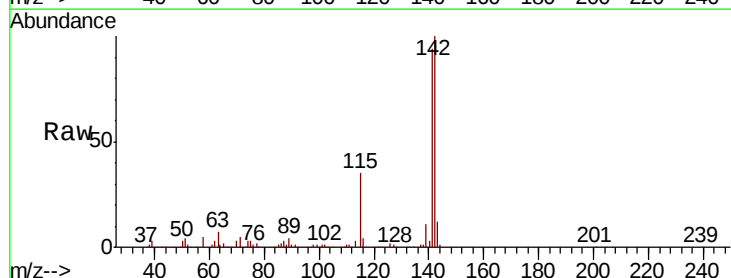
RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

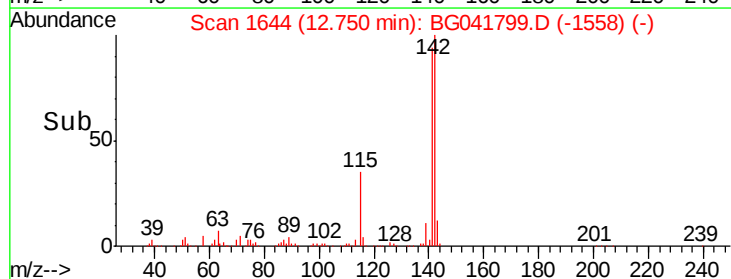
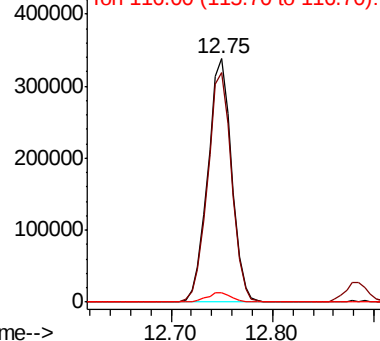
Lab File: BG041799.D

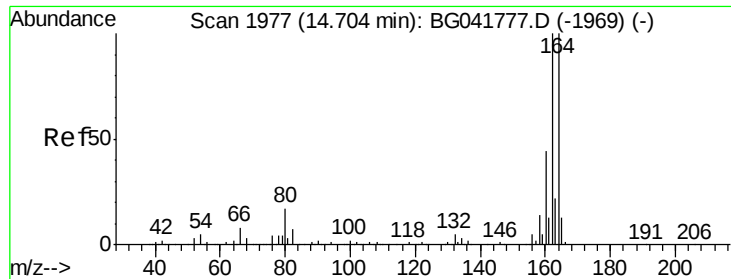
Acq: 30 Jul 2019 12:05

Tgt Ion:	142	Resp:	551316
Ion Ratio	Lower	Upper	
142	100		
141	94.2	75.4	113.2
116	3.7	3.2	4.8



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





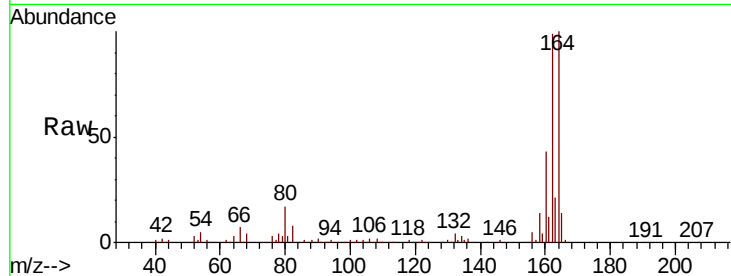
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.6	119.4
160	43.3	35.4	53.0

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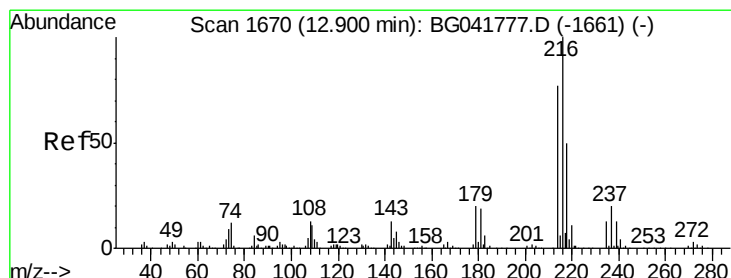
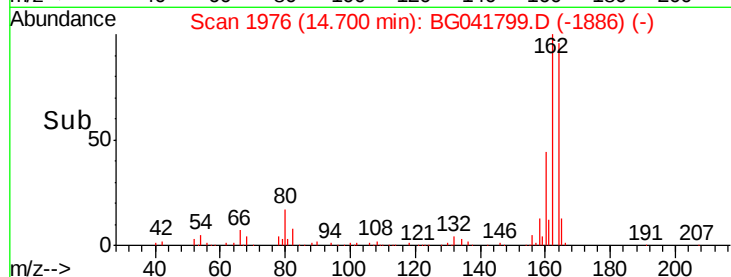
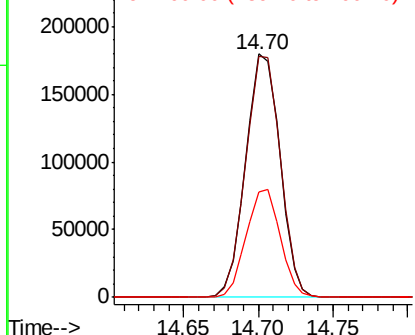


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.237 ng
RT: 12.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.5	92.3
179	19.0	16.2	24.2
108	14.8	13.2	19.8

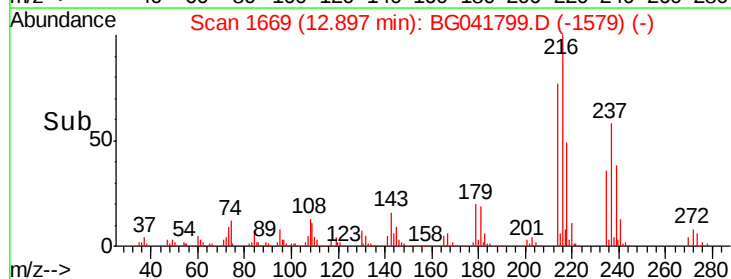
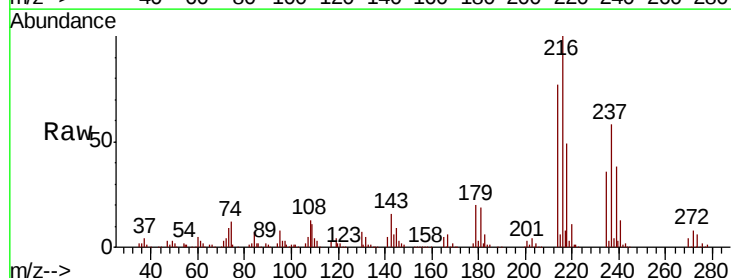
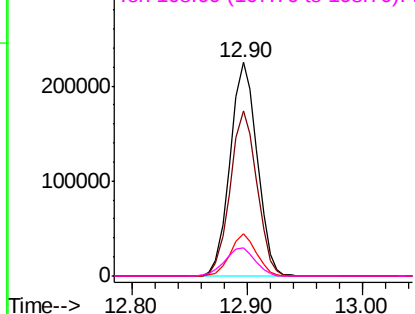
Abundance

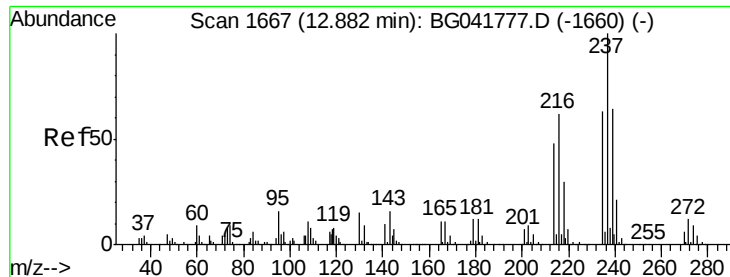
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





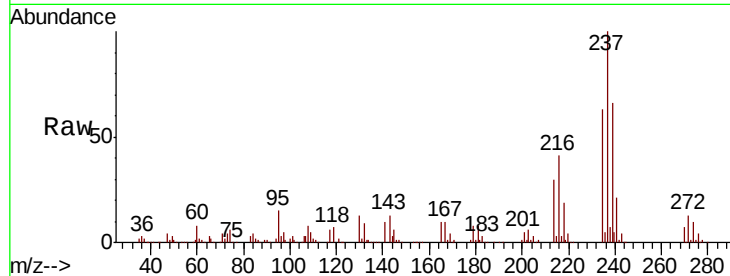
#41
Hexachlorocyclopentadiene
Concen: 86.259 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

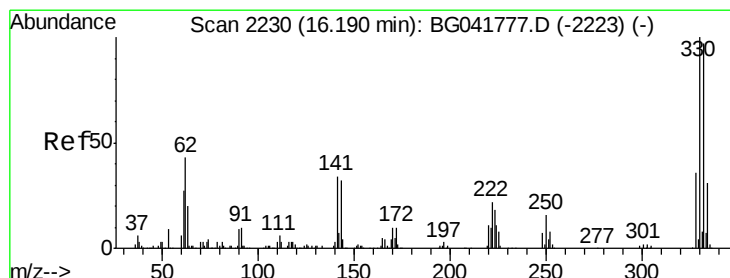
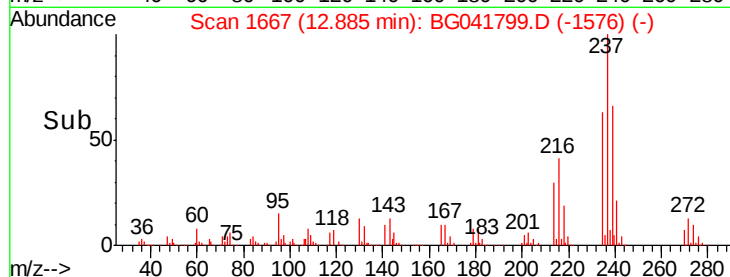
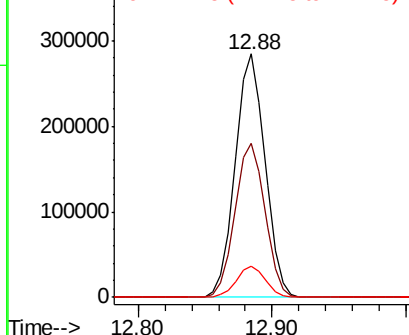
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.5	83.5
272	12.8	0.0	31.2

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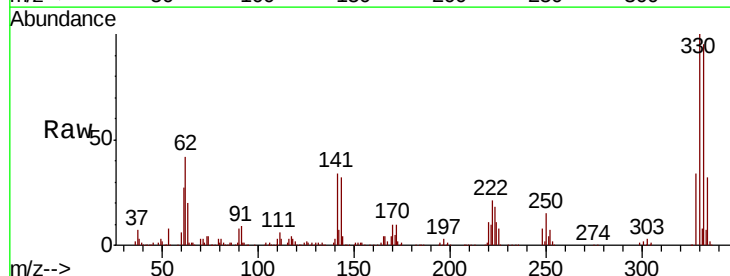


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

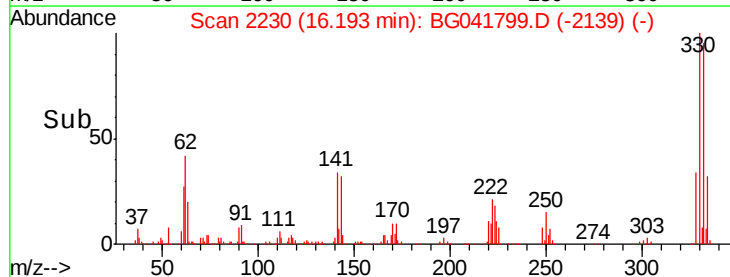
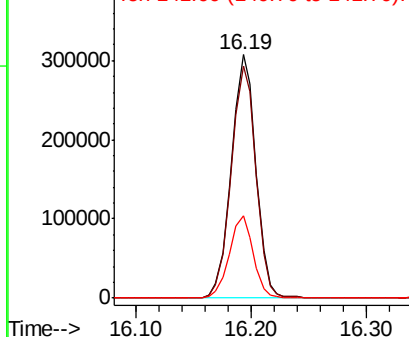


#42
2,4,6-Tribromophenol
Concen: 139.225 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	77.4	116.0
141	33.0	31.9	47.9



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





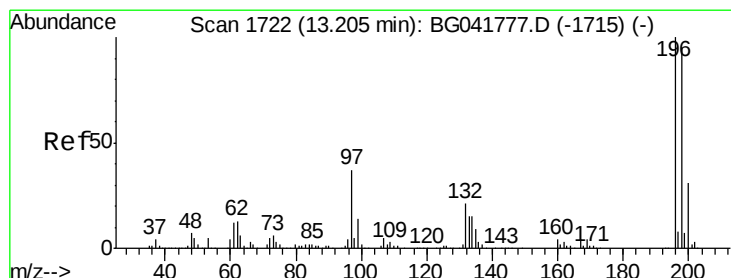
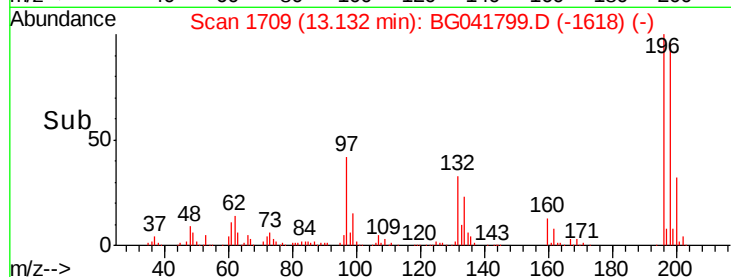
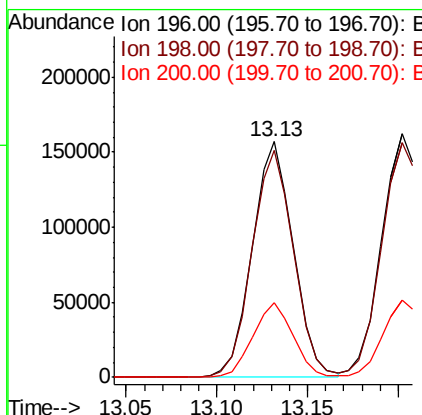
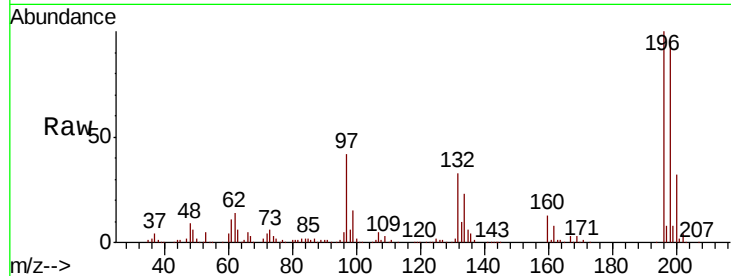
#43
2,4,6-Trichlorophenol
Concen: 43.009 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246343		
198	96.3	79.6	119.4	
200	31.5	25.2	37.8	

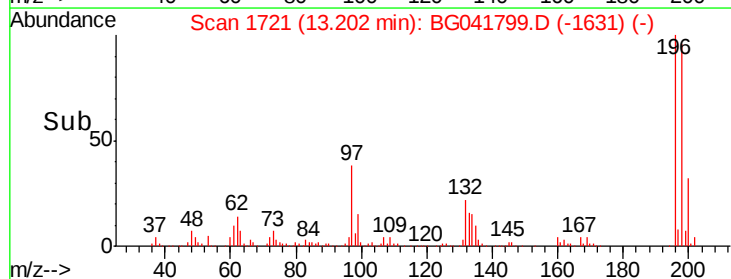
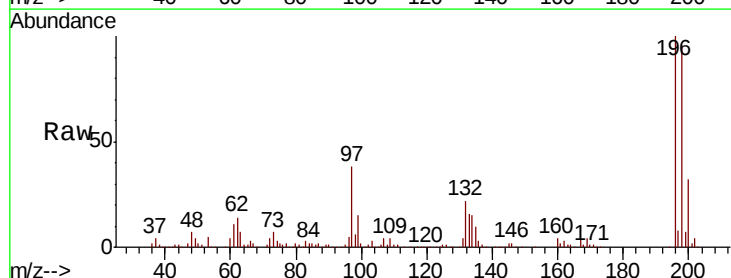
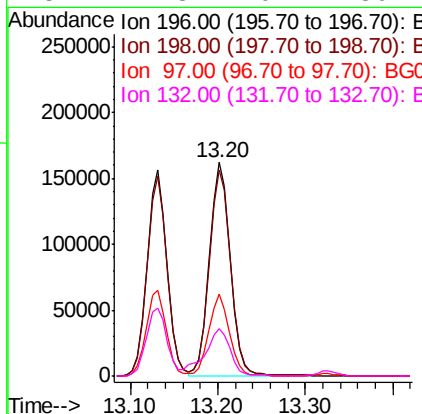
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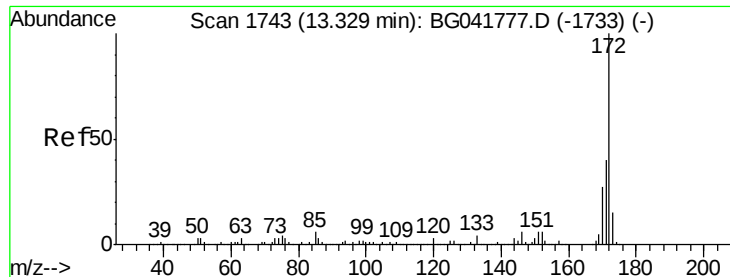
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 45.472 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270657		
198	96.3	80.6	121.0	
97	38.3	33.9	50.9	
132	22.3	20.2	30.2	





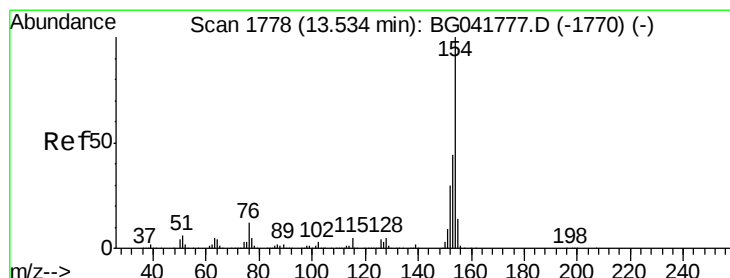
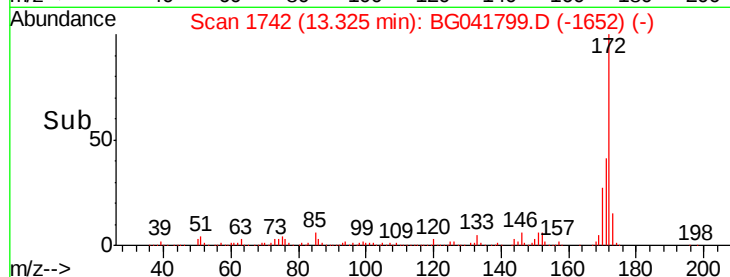
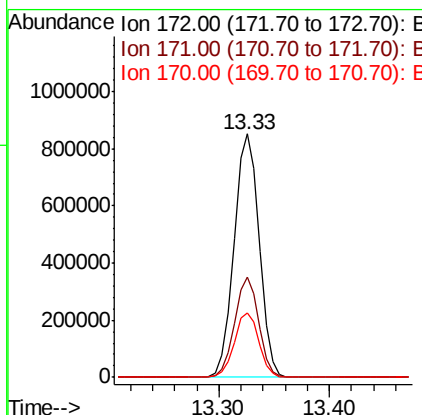
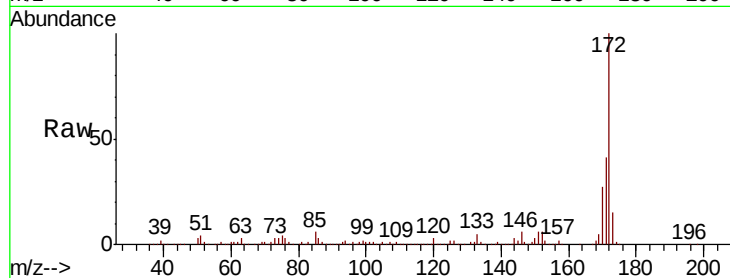
#45
2-Fluorobiphenyl
Concen: 83.774 ng
RT: 13.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.0	35.0	52.4
170	26.5	23.5	35.3

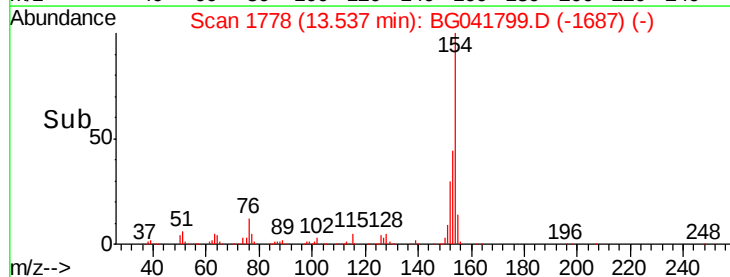
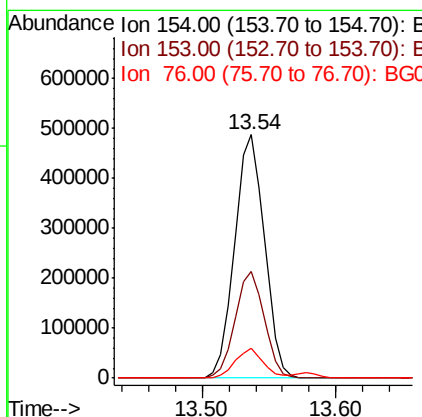
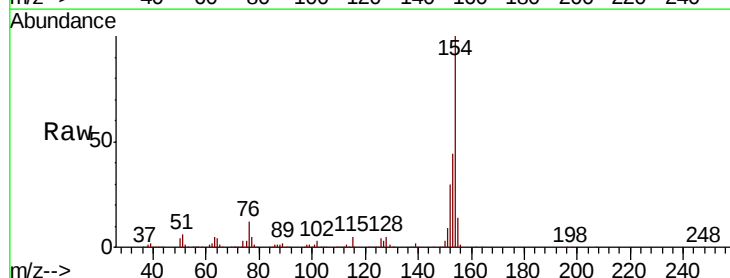
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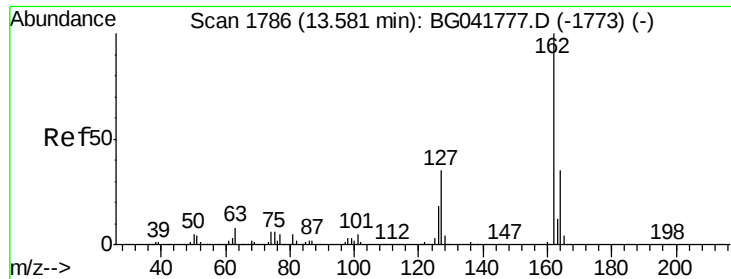
mohammad
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#46
1,1'-Biphenyl
Concen: 41.113 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	25.0	65.0
76	12.1	0.0	34.5





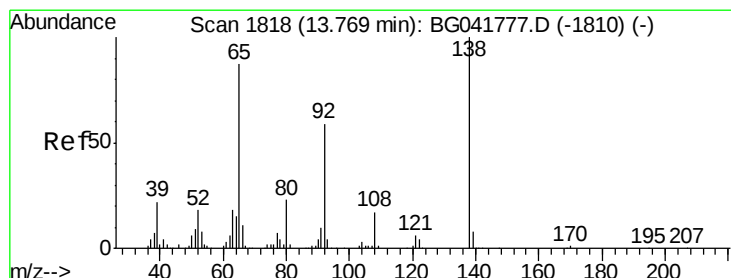
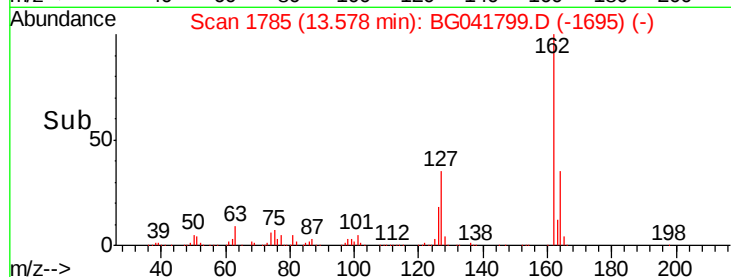
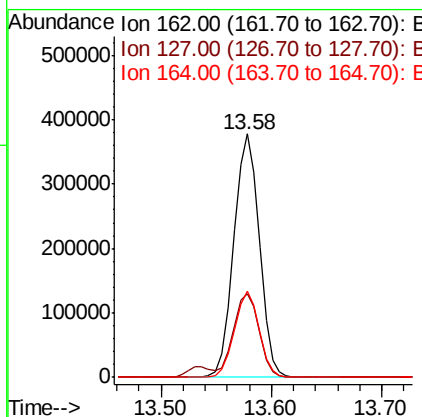
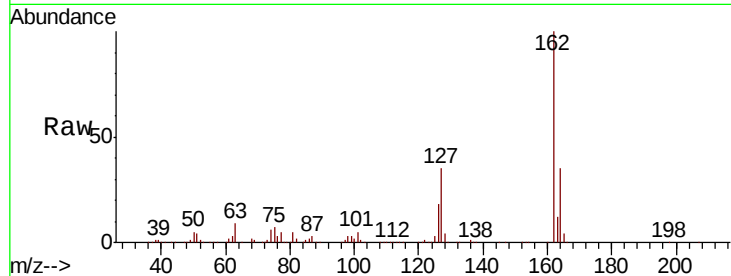
#47
2-Chloronaphthalene
Concen: 39.014 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.6	30.4	45.6
164	35.5	28.6	42.8

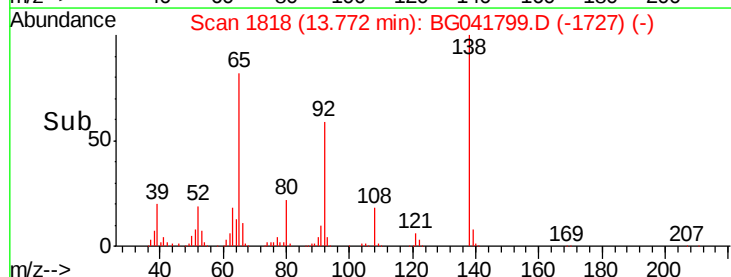
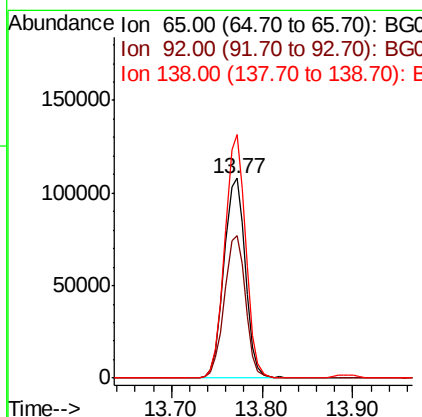
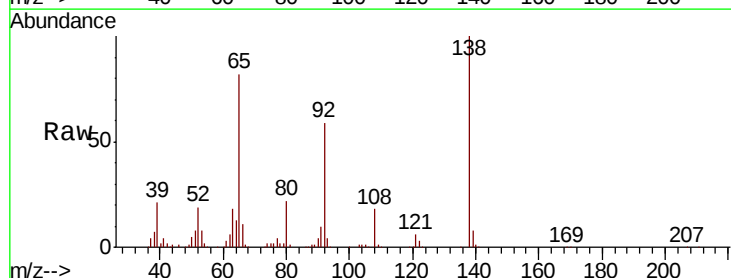
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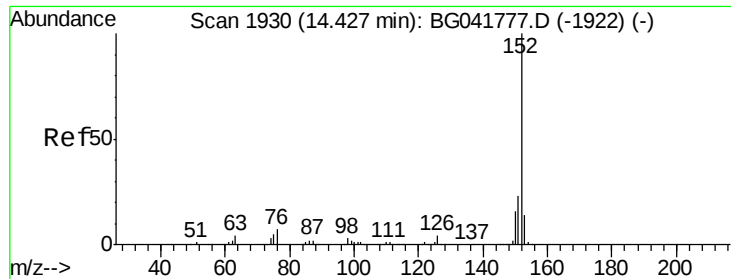
mohammad
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#48
2-Nitroaniline
Concen: 44.487 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.9	80.9
138	122.0	83.5	125.3





#49

Acenaphthylene

Concen: 41.698 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

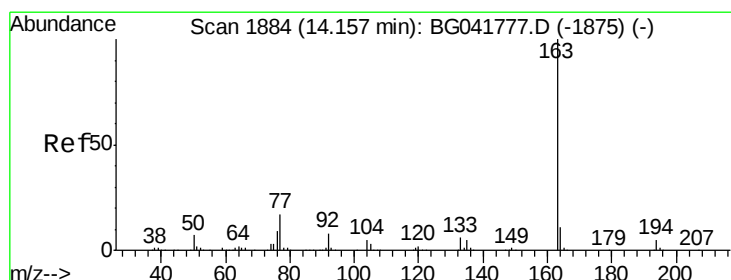
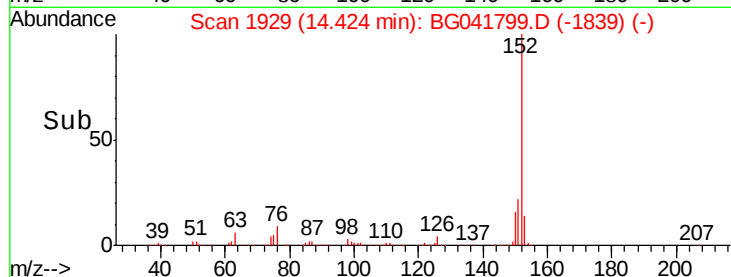
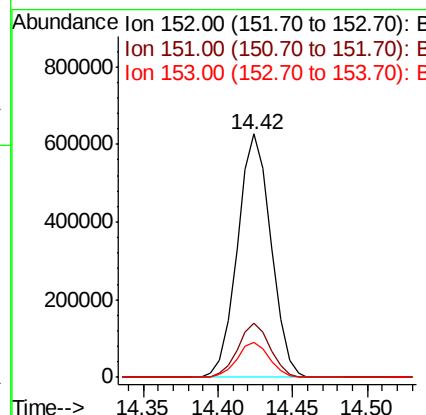
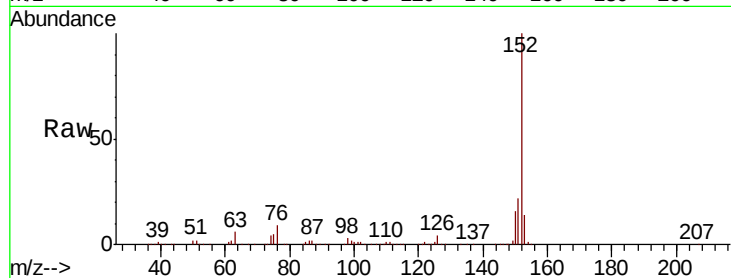
ClientSampleId :

PB121731BS

Tot Ion:	152	Resp:	977320
Ion Ratio	Lower	Upper	
152	100		
151	22.2	18.7	28.1
153	14.2	12.4	18.6

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#50

Dimethylphthalate

Concen: 42.548 ng

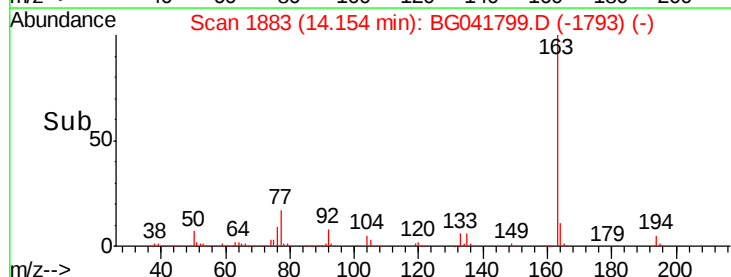
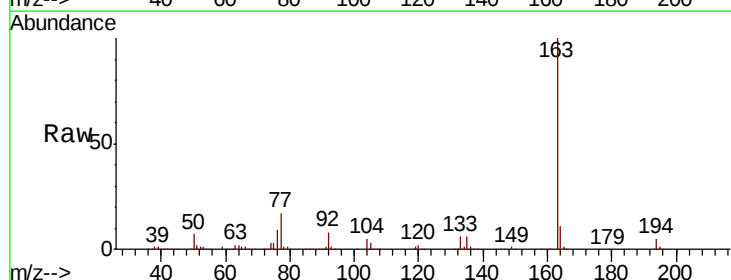
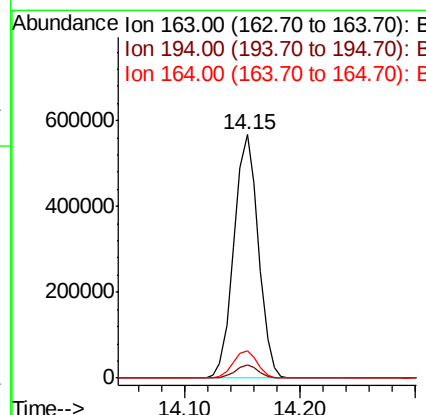
RT: 14.15 min Scan# 1883

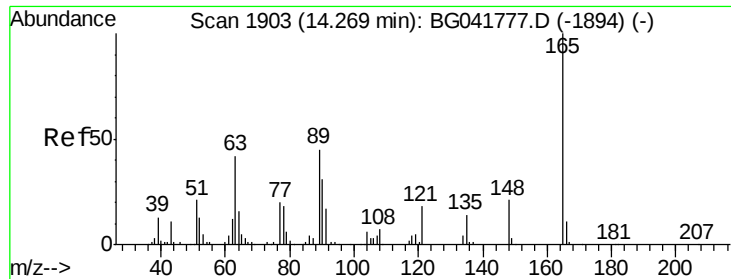
Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tgt Ion:	163	Resp:	831916
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.2	6.2
164	11.1	9.4	14.2





#51

2,6-Dinitrotoluene

Concen: 47.903 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

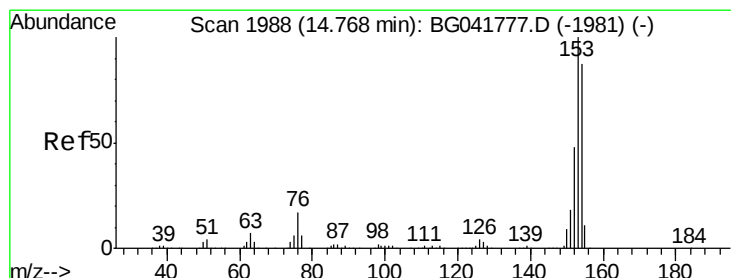
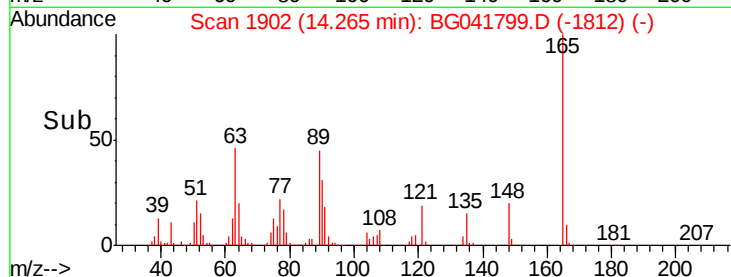
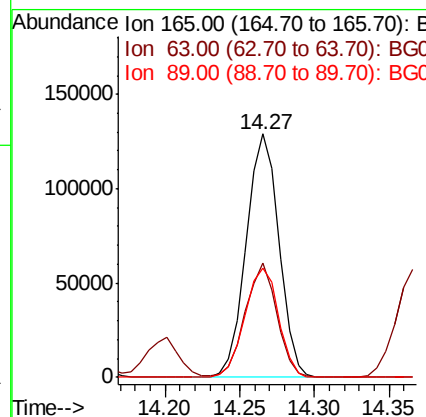
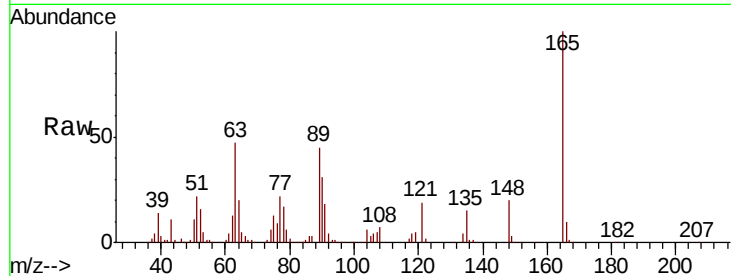
ClientSampleId :

PB121731BS

Tot Ion:	165	Resp:	195850
Ion Ratio	Lower	Upper	
165	100		
63	46.7	42.4	63.6
89	44.7	42.1	63.1

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#52

Acenaphthene

Concen: 45.213 ng

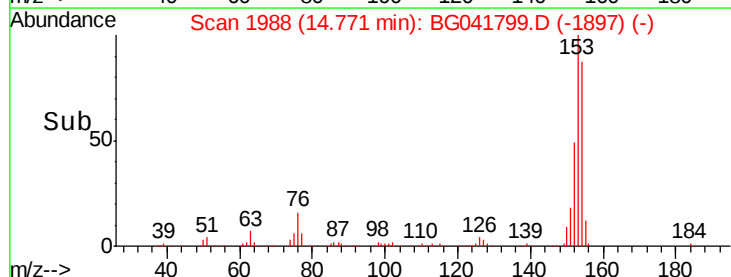
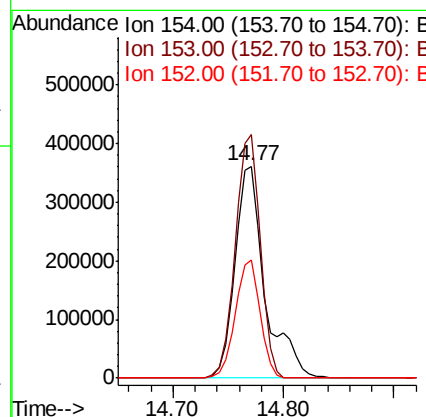
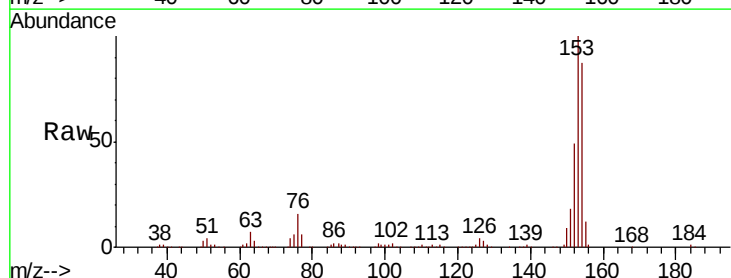
RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tgt Ion:	154	Resp:	689221
Ion Ratio	Lower	Upper	
154	100		
153	114.8	89.8	134.6
152	56.0	44.9	67.3





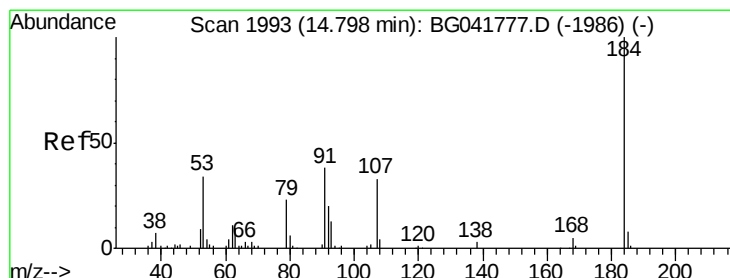
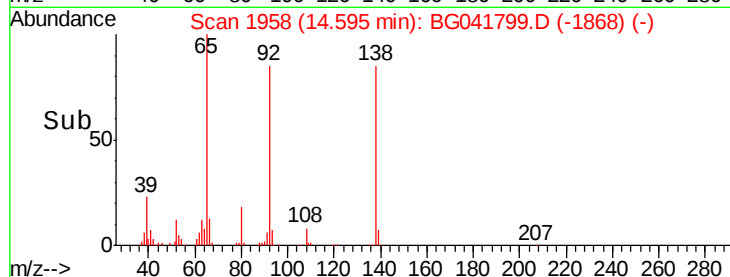
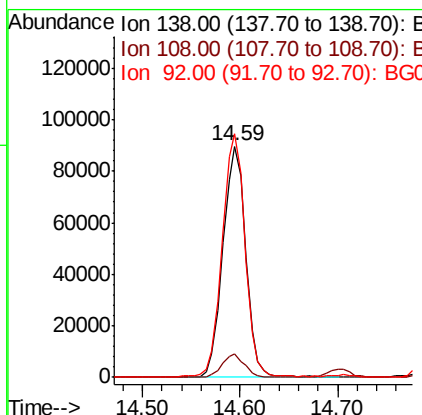
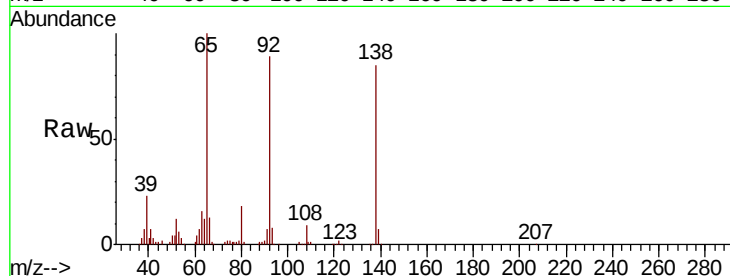
#53
3-Nitroaniline
Concen: 33.345 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	10.3	15.5#
92	105.3	93.0	139.4

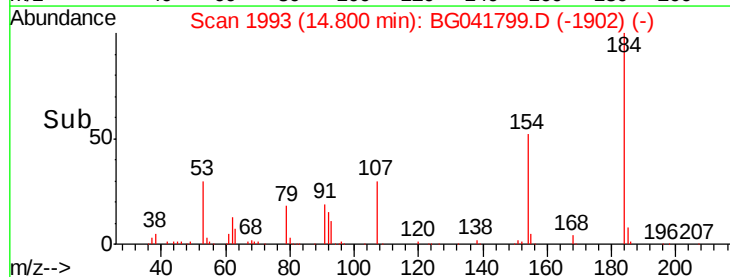
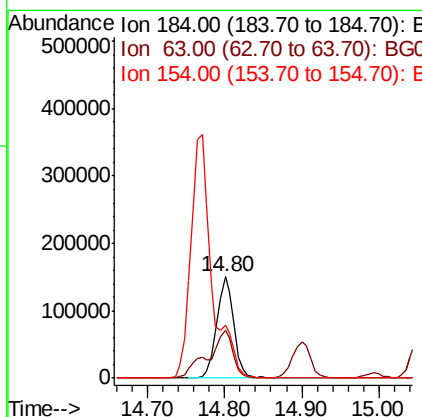
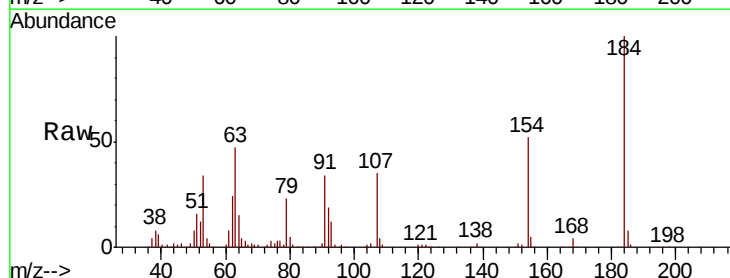
Manual Integrations
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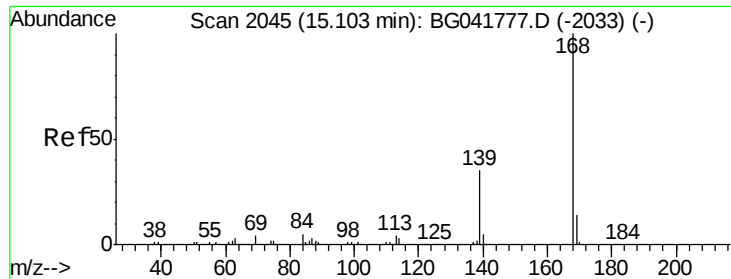
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#54
2,4-Dinitrophenol
Concen: 89.190 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	46.9	43.2	64.8
154	51.7	51.4	77.2





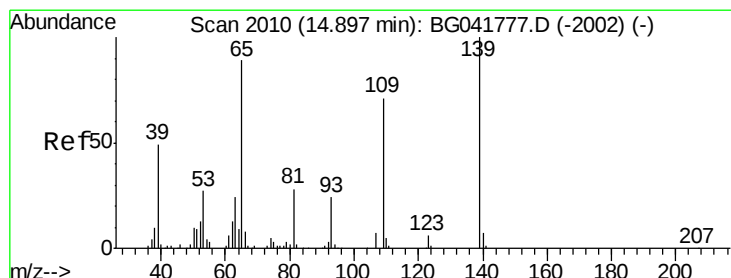
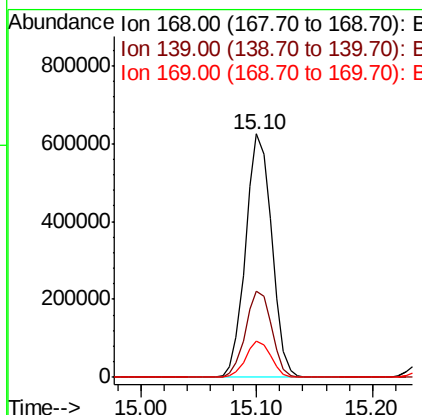
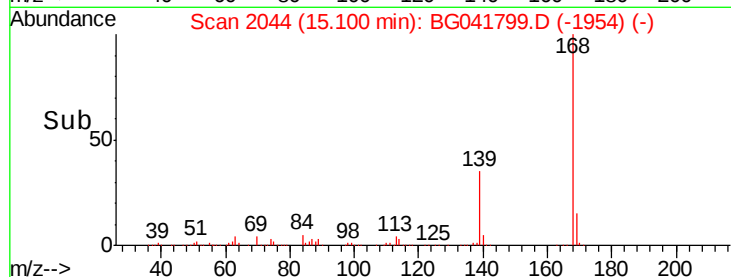
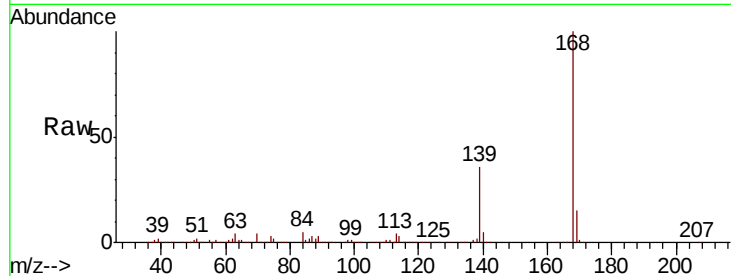
#55
Dibenzenofuran
Concen: 42.170 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion:	168	Resp:	983247
Ion Ratio	Lower	Upper	
168	100		
139	35.6	31.9	47.9
169	14.9	12.5	18.7

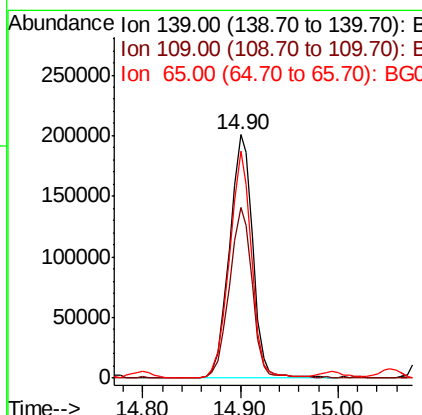
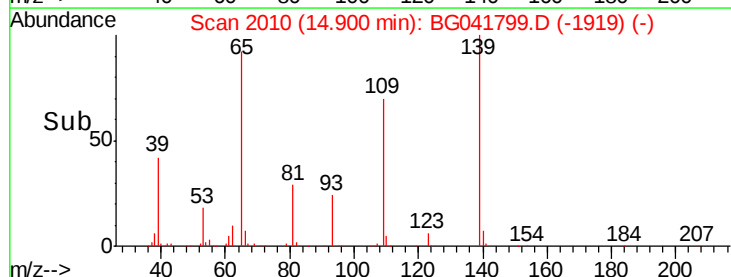
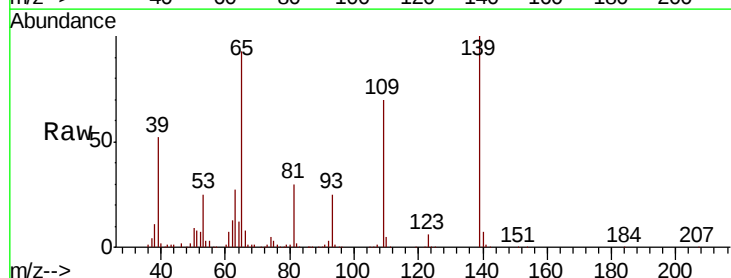
Manual Integrations
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#56
4-Nitrophenol
Concen: 99.719 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion:	139	Resp:	331076
Ion Ratio	Lower	Upper	
139	100		
109	70.0	51.3	91.3
65	93.1	77.6	117.6





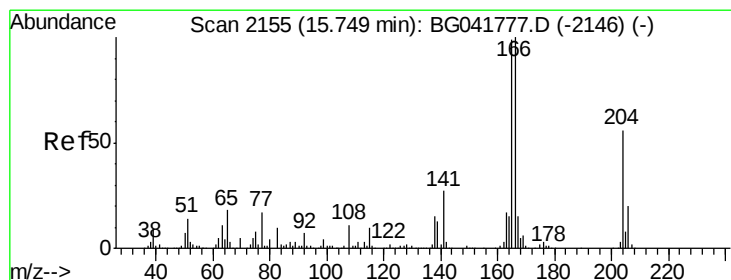
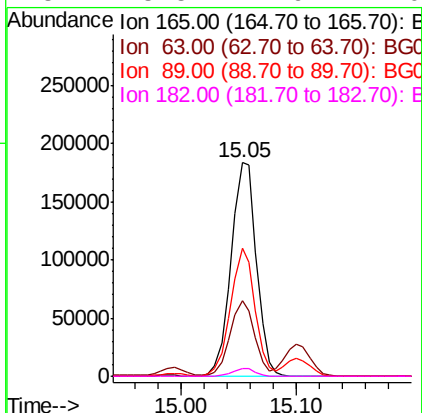
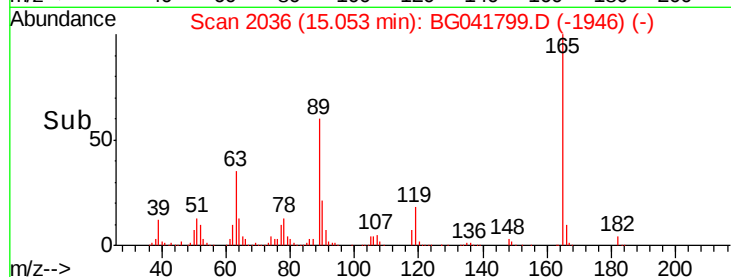
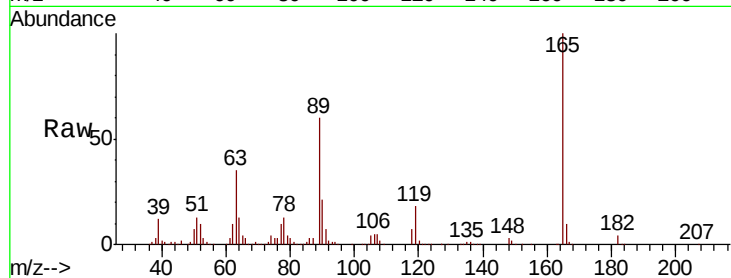
#57
2,4-Dinitrotoluene
Concen: 49.659 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.5	31.7	47.5
89	59.8	50.2	75.4
182	3.5	2.6	4.0

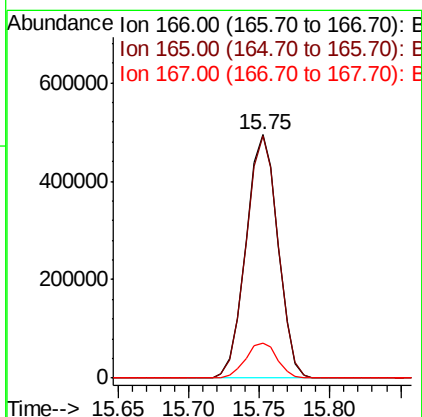
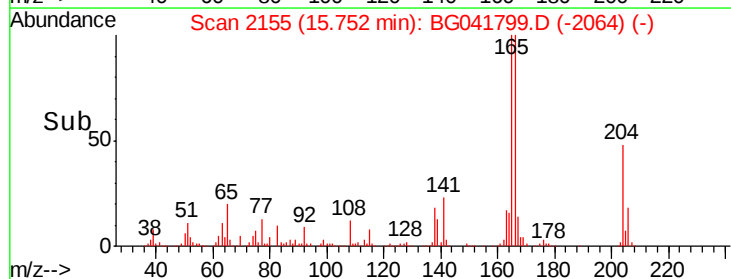
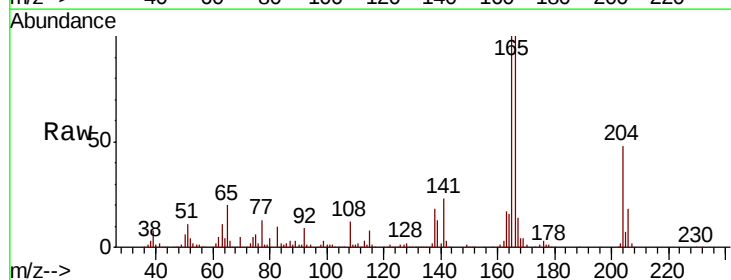
Manual Integrations
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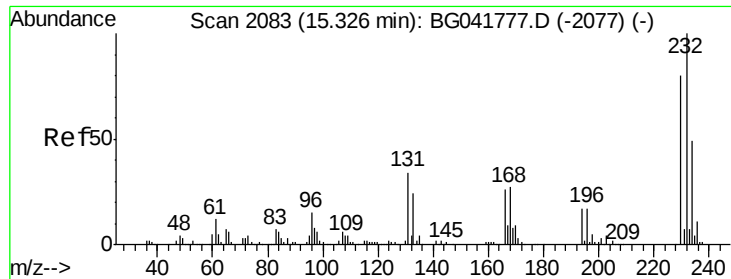
mohammad
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#58
Fluorene
Concen: 42.102 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.5	120.7
167	14.4	12.4	18.6





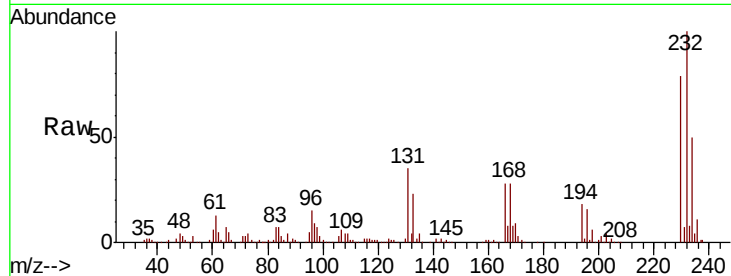
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.053 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	277382		
131	34.4		31.8	47.6
130	1.9		1.8	2.8
166	27.1		23.5	35.3

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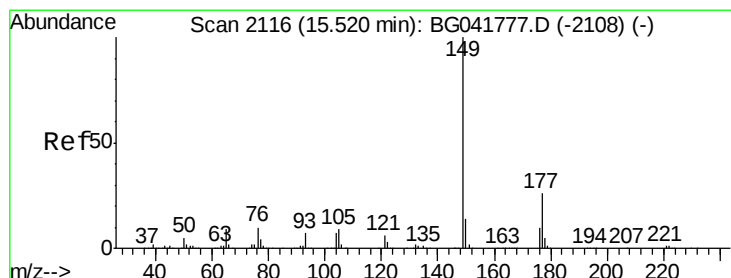
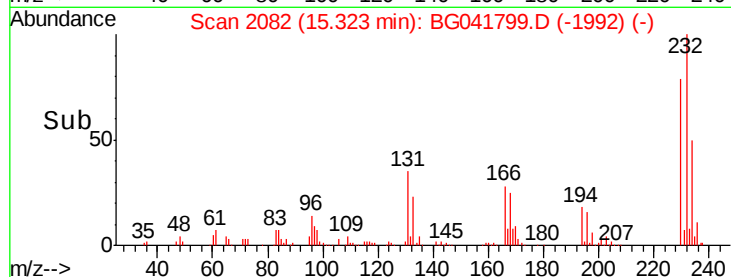
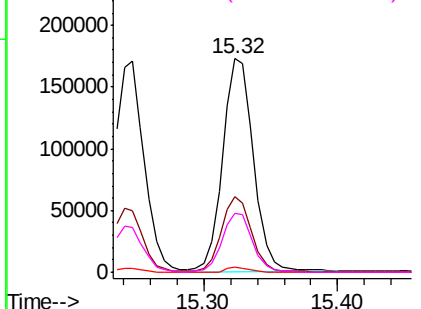
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

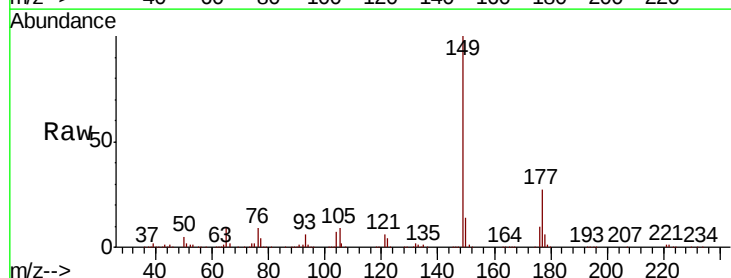
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.990 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825225		
177	27.0		20.7	31.1
150	14.1		11.5	17.3

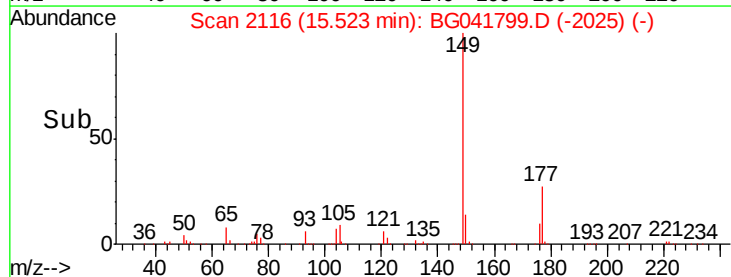
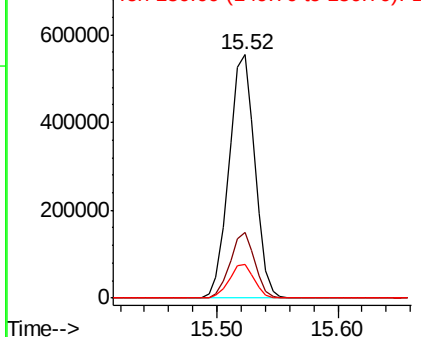


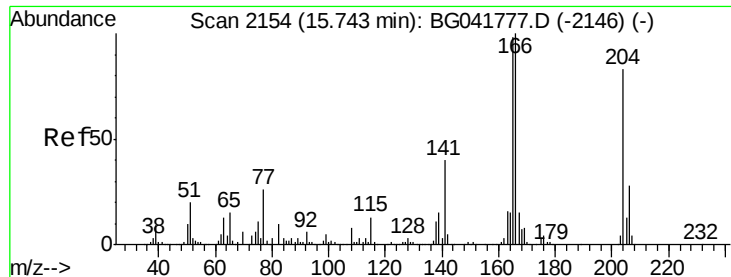
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





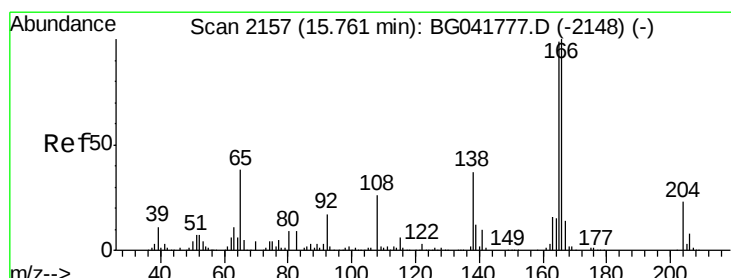
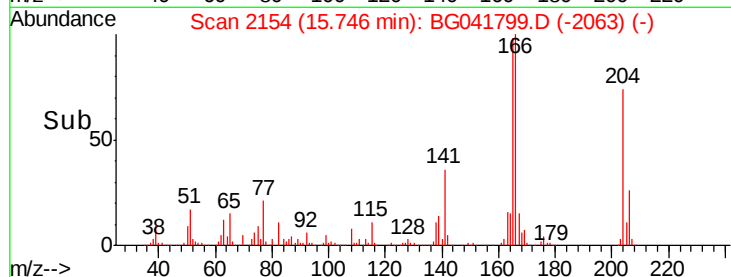
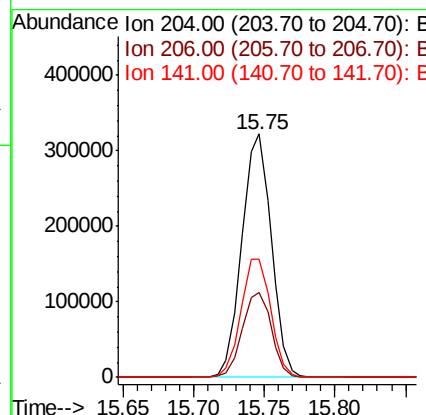
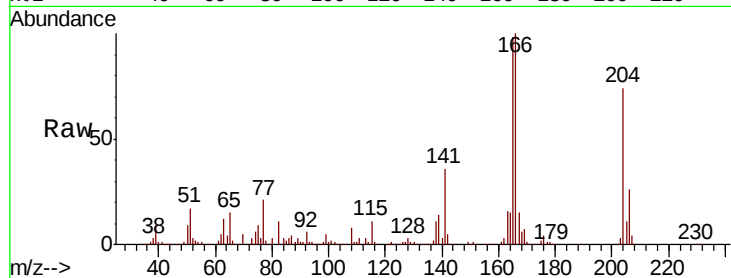
#61
4-Chlorophenyl-phenylether
Concen: 41.192 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.6	42.8
141	48.7	42.9	64.3

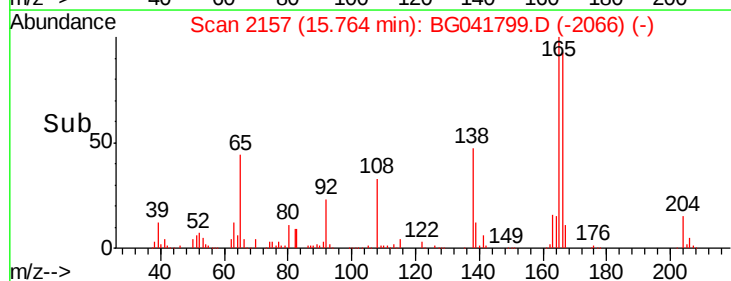
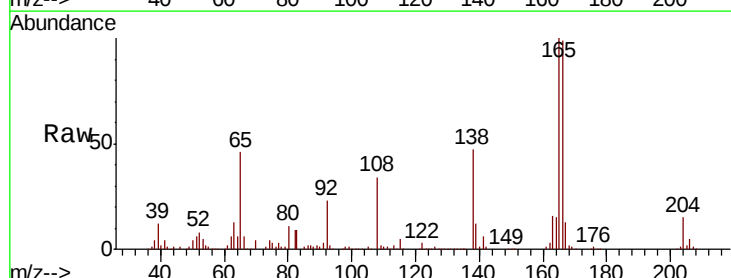
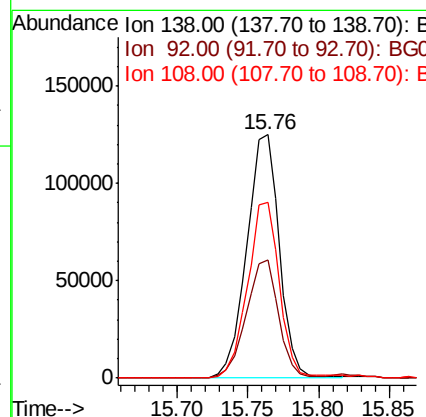
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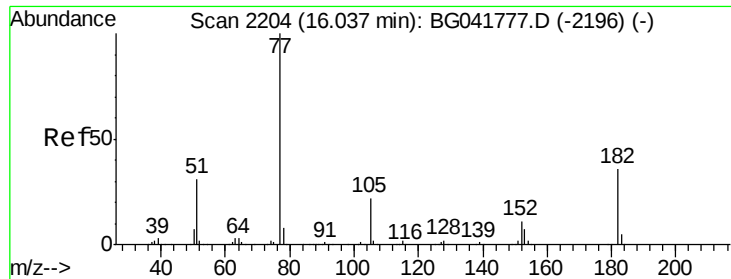
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#62
4-Nitroaniline
Concen: 42.832 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	29.8	69.8
108	72.3	52.2	92.2





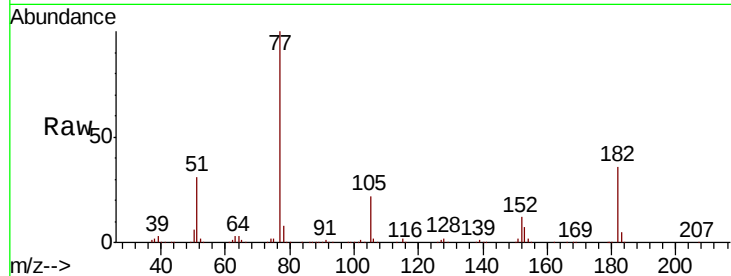
#63
Azobenzene
Concen: 41.904 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	36.4	13.2	53.2
105	21.7	2.2	42.2
51	30.7	14.6	54.6

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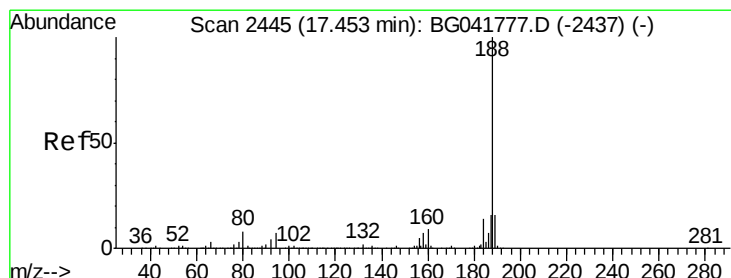
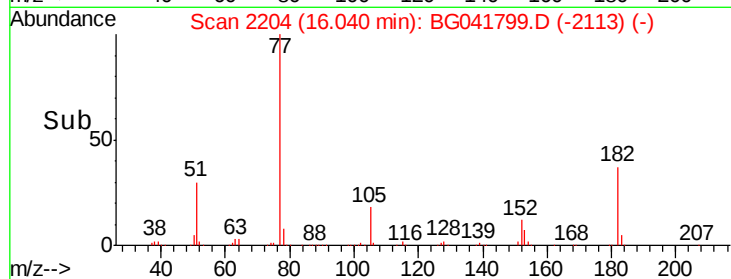
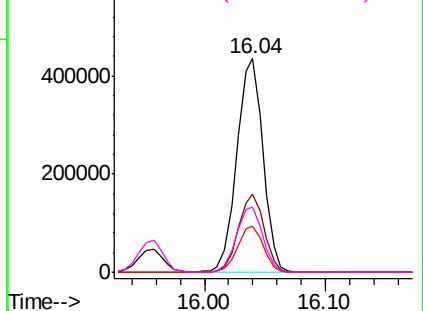
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

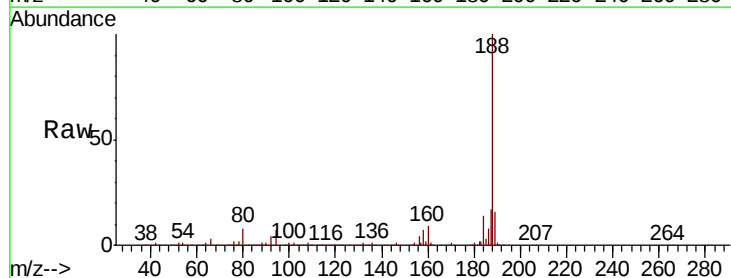
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.5	8.0	12.0#

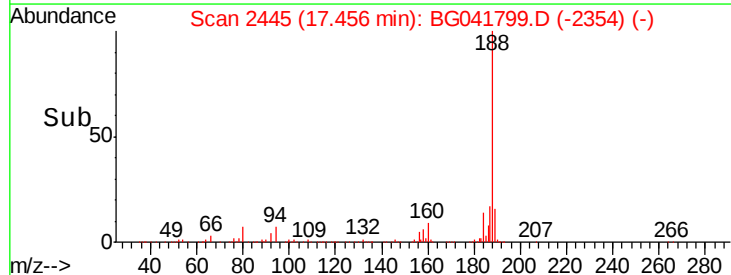
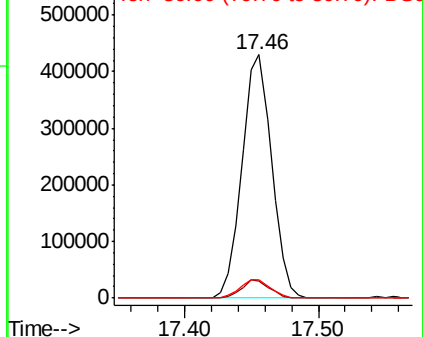


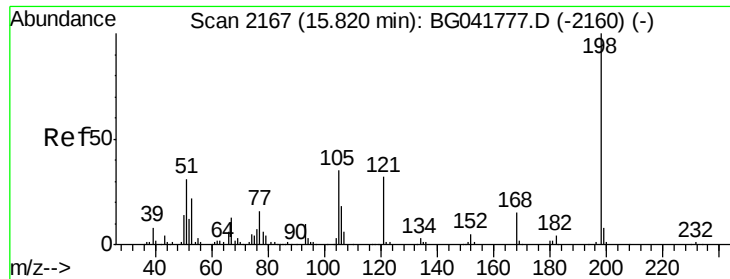
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





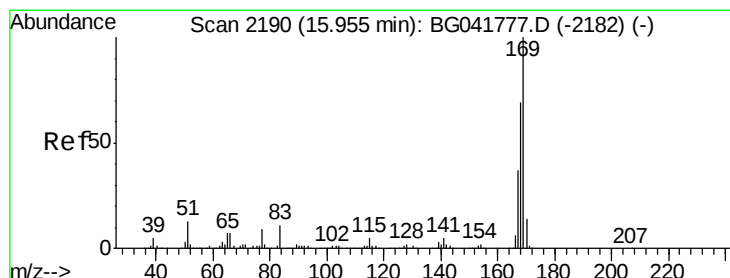
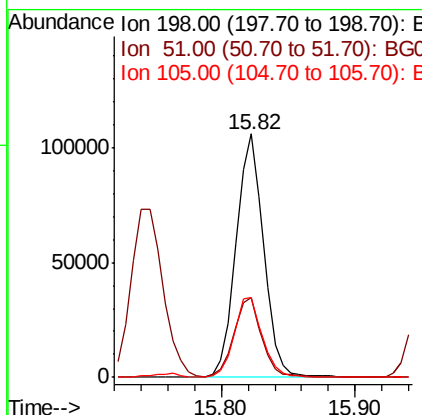
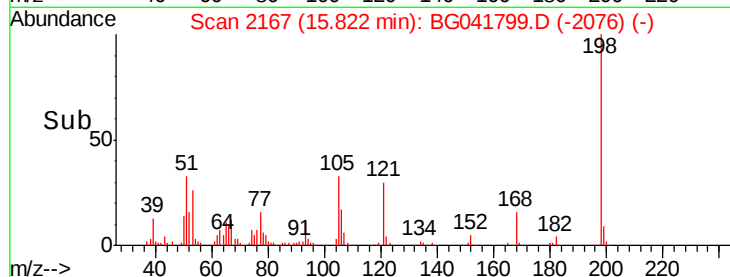
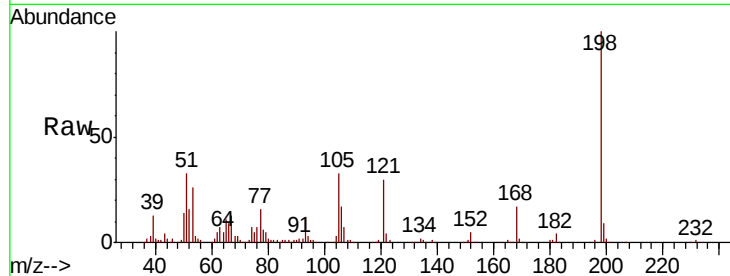
#65
4,6-Dinitro-2-methylphenol
Concen: 47.412 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	152288		
51	32.7		22.3	62.3
105	32.6		18.0	58.0

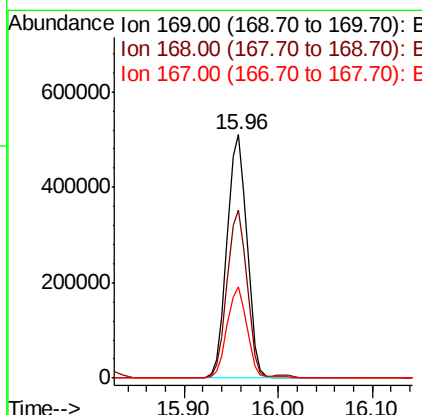
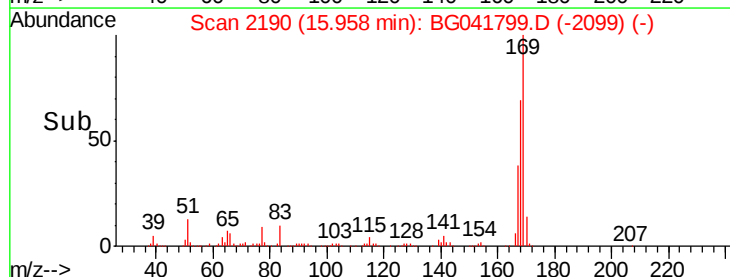
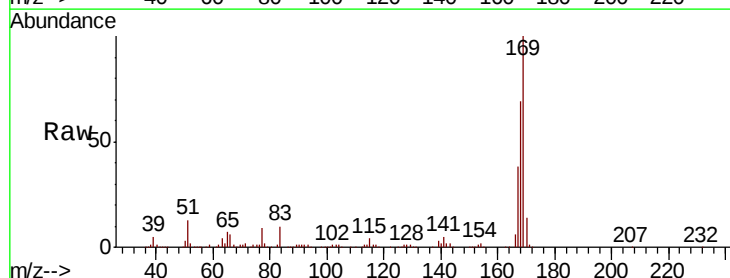
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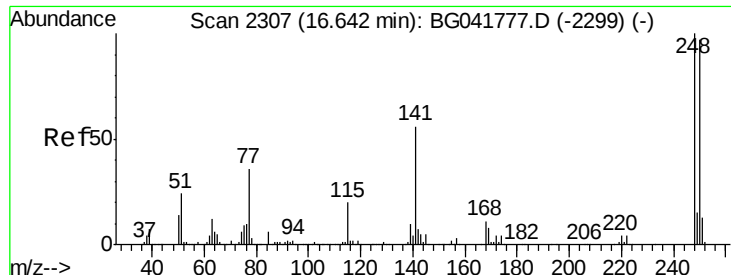
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#66
n-Nitrosodiphenylamine
Concen: 42.135 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	754768		
168	68.9		56.9	85.3
167	37.5		31.5	47.3





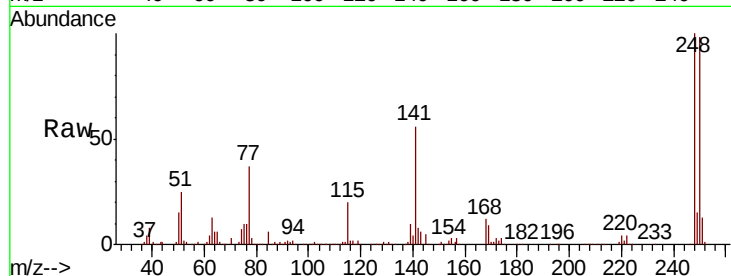
#67
4-Bromophenyl-phenylether
Concen: 40.046 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	56.4	49.6	74.4

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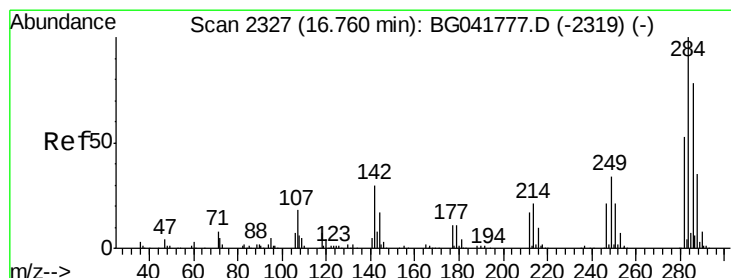
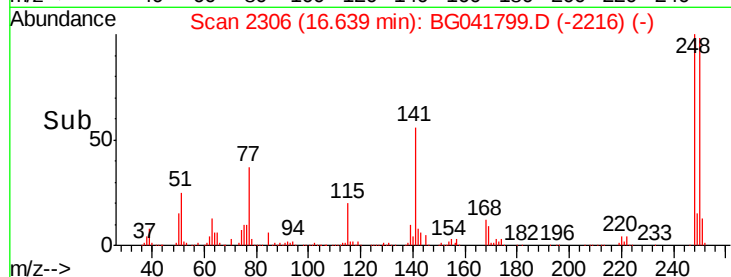
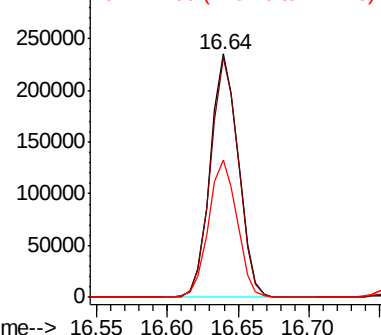


Abundance

Ion 248.00 (247.70 to 248.70): E

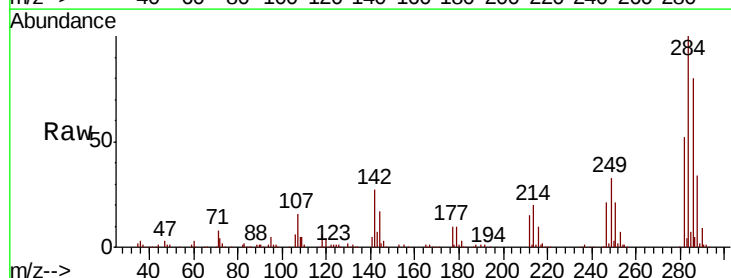
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.570 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	27.0	40.6
249	32.5	28.4	42.6

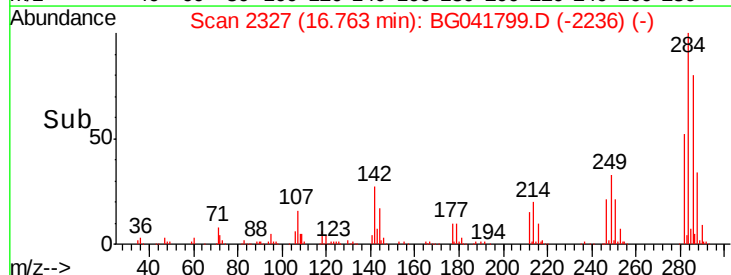
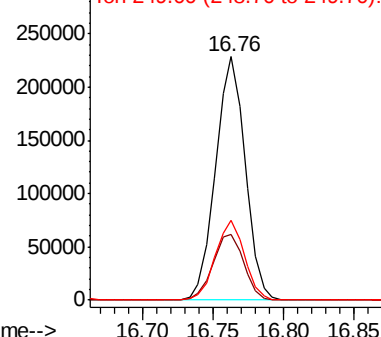


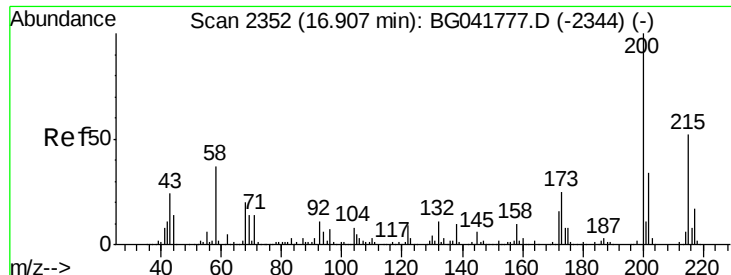
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





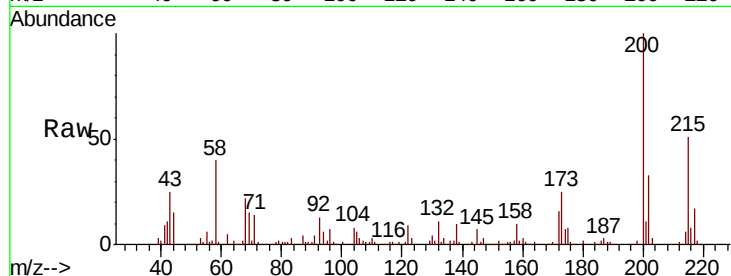
#69
Atrazine
Concen: 44.056 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	5.3	45.3
215	51.3	31.8	71.8

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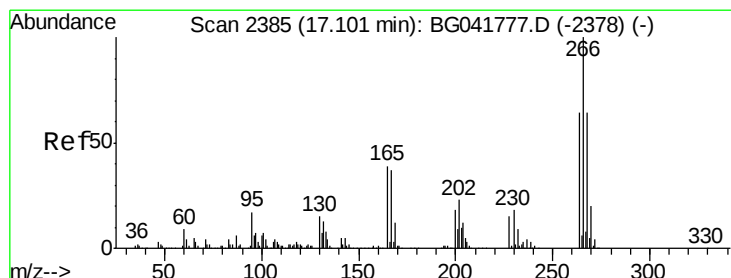
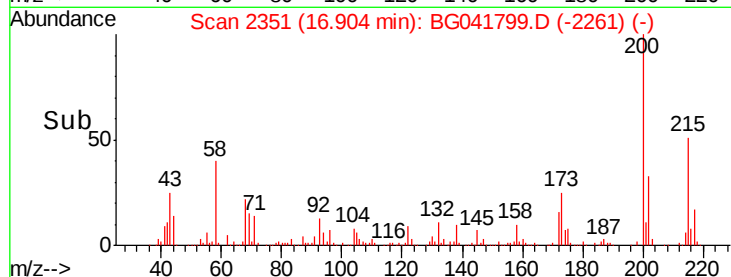
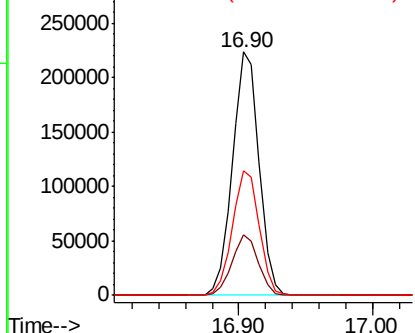


Abundance

Ion 200.00 (199.70 to 200.70): E

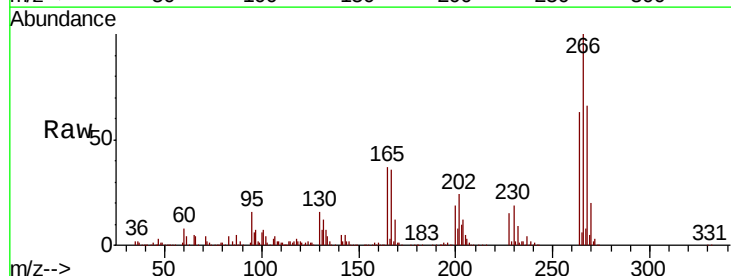
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.921 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.1	52.9	79.3
264	63.0	51.4	77.2

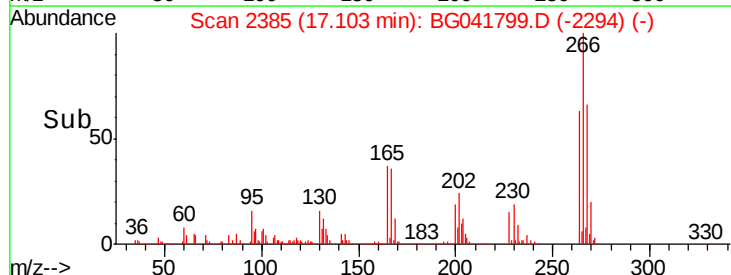
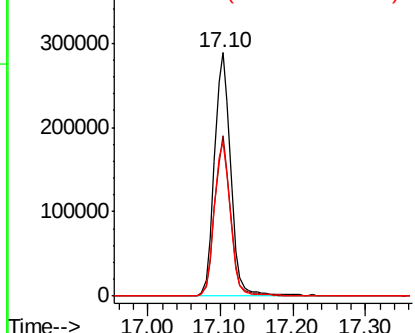


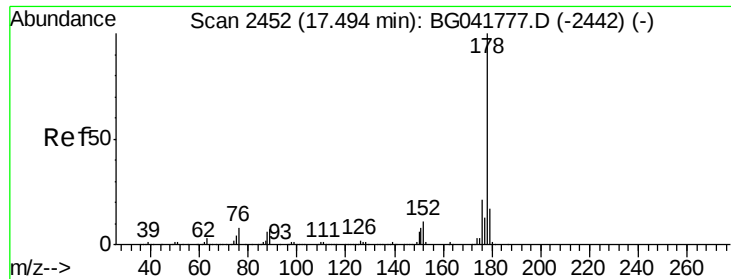
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





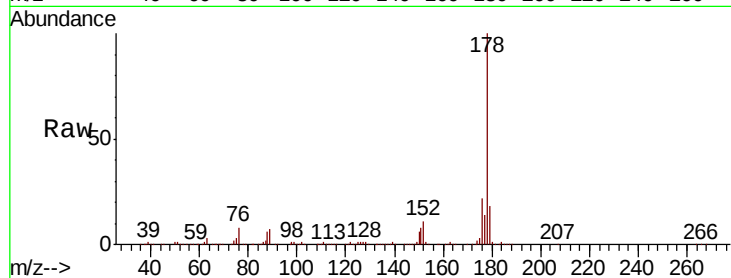
#71
Phenanthrene
Concen: 42.343 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

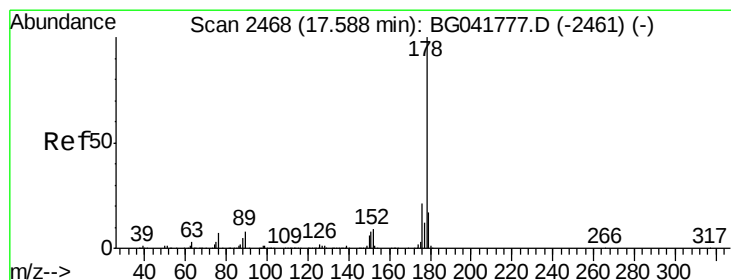
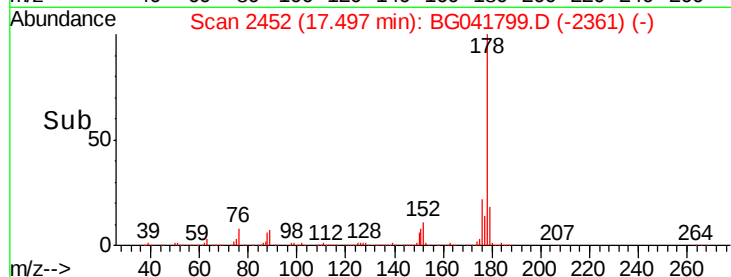
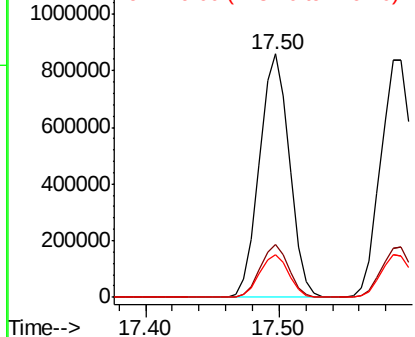
Tot Ion:178 Resp: 1334708
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 17.7 15.4 23.0

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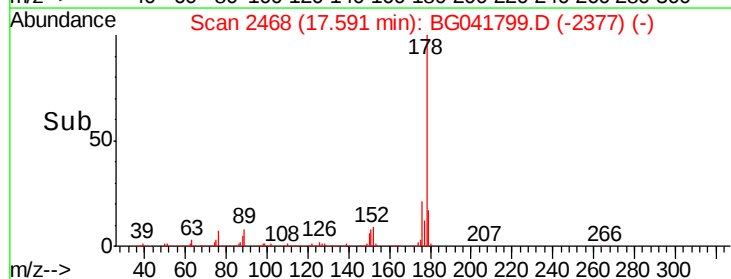
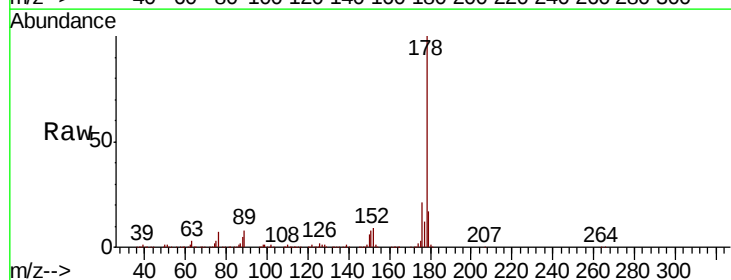
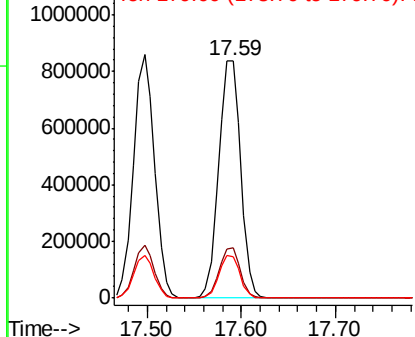
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

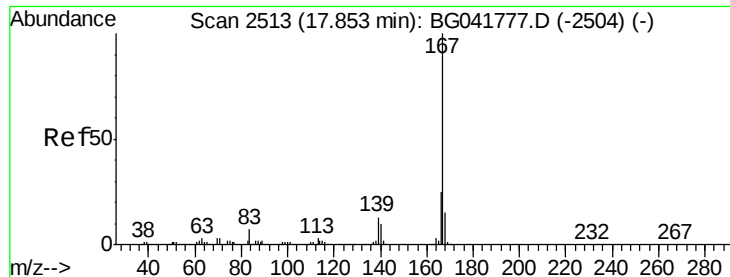


#72
Anthracene
Concen: 43.538 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion:178 Resp: 1368729
Ion Ratio Lower Upper
178 100
176 21.2 18.6 28.0
179 17.4 15.1 22.7

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





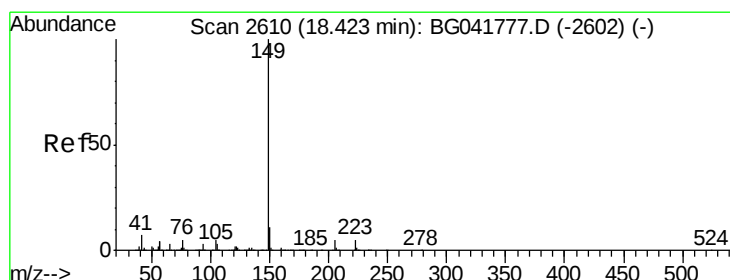
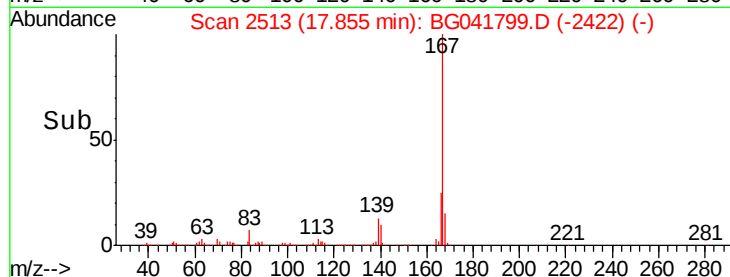
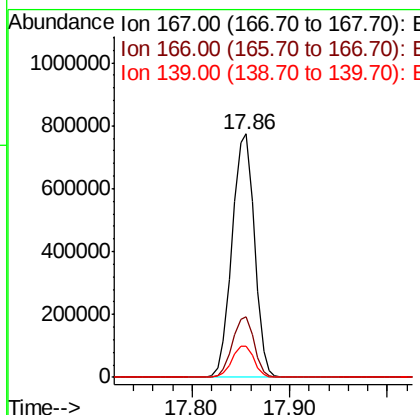
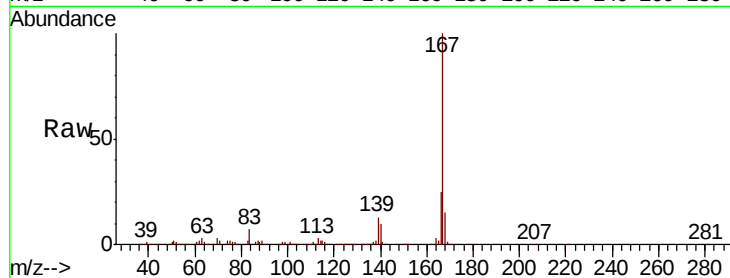
#73
 Carbazole
 Concen: 43.816 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	21.4	32.2
139	12.9	12.1	18.1

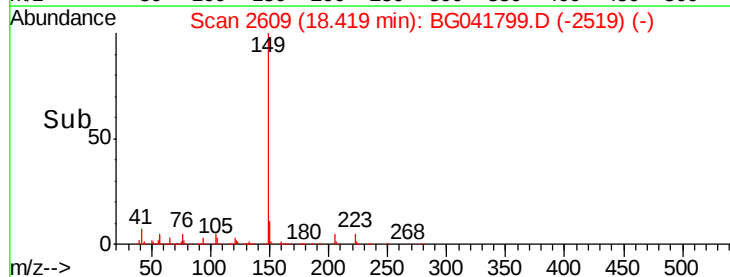
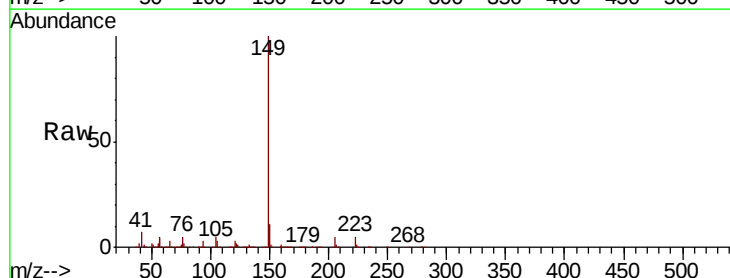
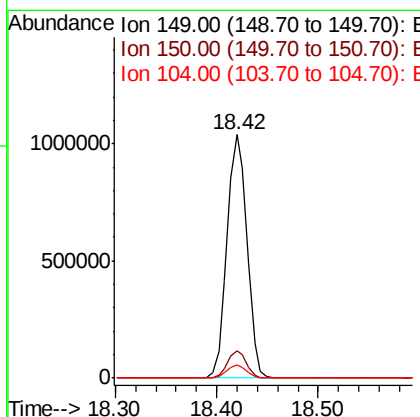
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#74
 Di-n-butylphthalate
 Concen: 44.461 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.3	5.3	7.9





#75

Fluoranthene

Concen: 43.844 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

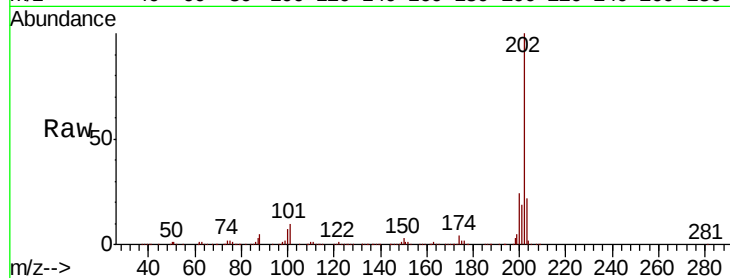
ClientSampleId :

PB121731BS

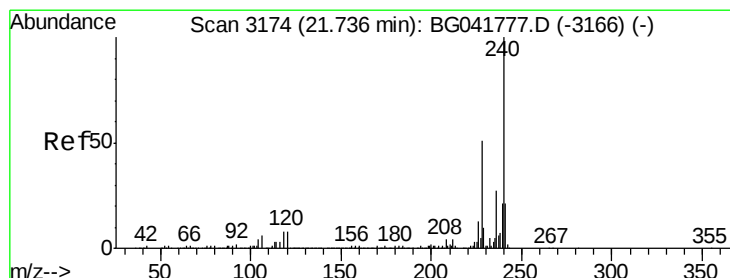
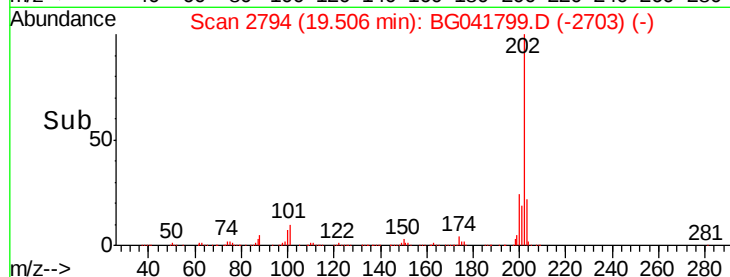
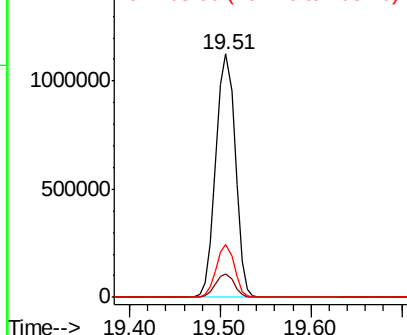
Tot Ion:	202	Resp:	1679899
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.8
203	21.7	3.7	43.7

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

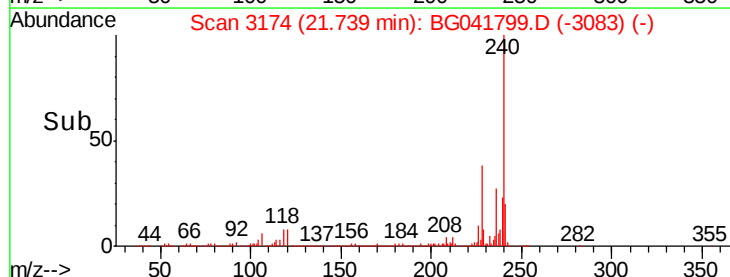
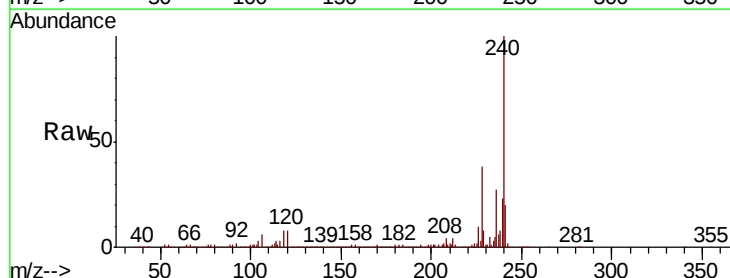
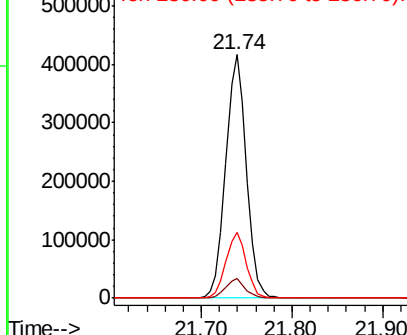
Delta R.T. 0.00 min

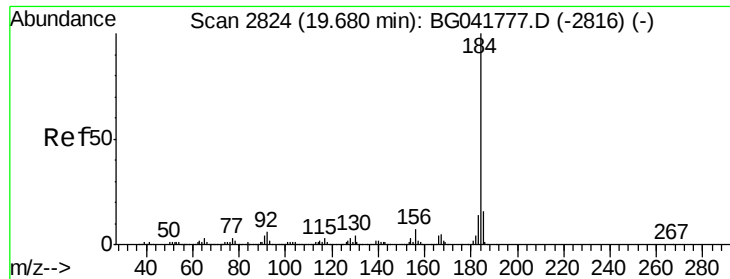
Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tgt Ion:	240	Resp:	655188
Ion	Ratio	Lower	Upper
240	100		
120	7.8	8.0	12.0#
236	27.0	22.6	33.8

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





#77

Benzidine

Concen: 32.887 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

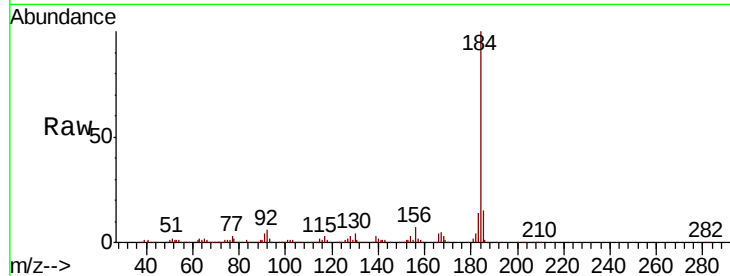
ClientSampleId :

PB121731BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.4
183	13.6	11.8	17.6

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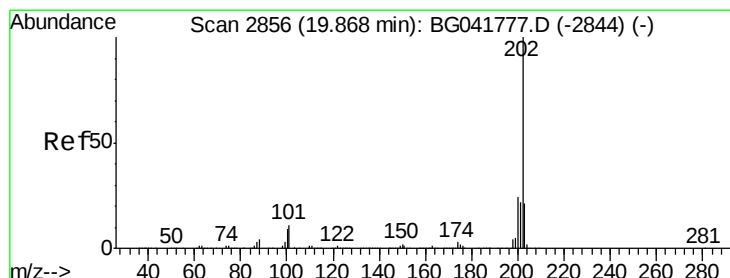
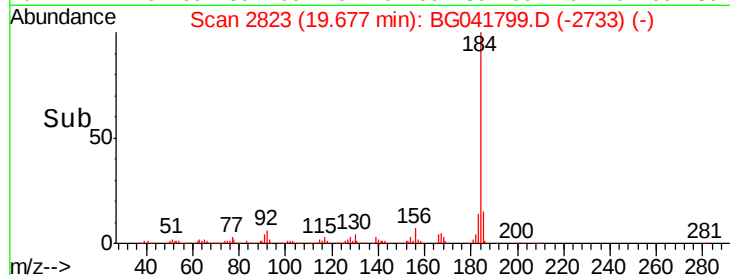
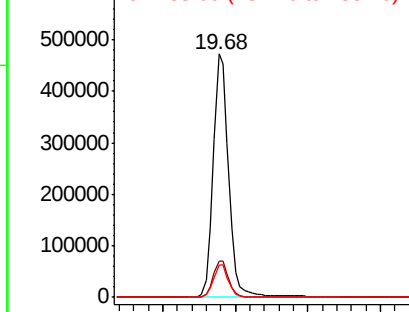


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.990 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

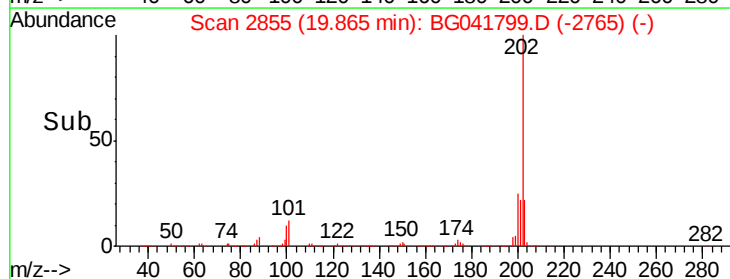
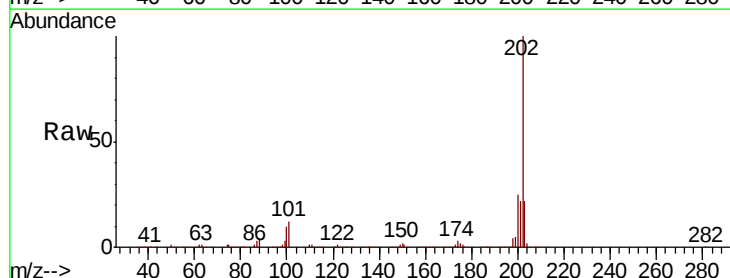
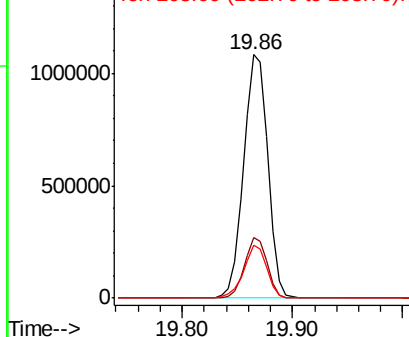
Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.1	22.2	33.2
203	21.7	18.9	28.3

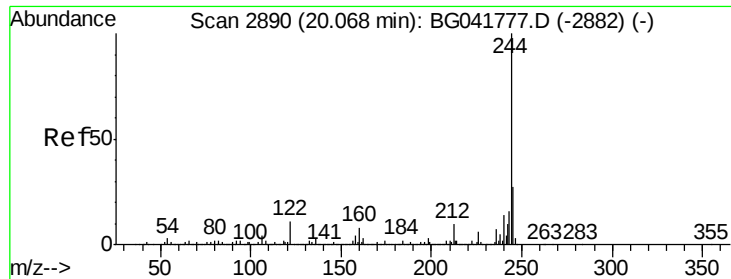
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





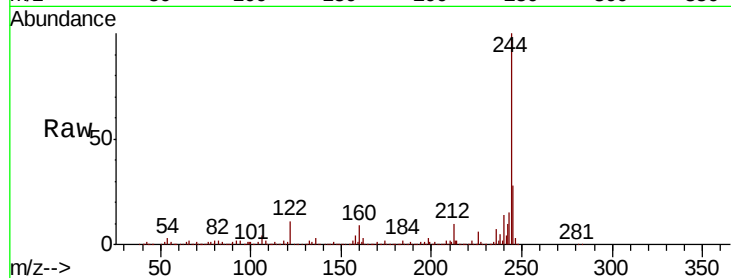
#79
 Terphenyl-d14
 Concen: 79.930 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Instrument :
 BNA_G
 ClientSampleId :
 PB121731BS

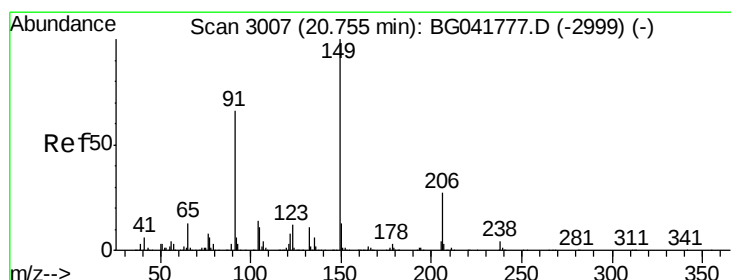
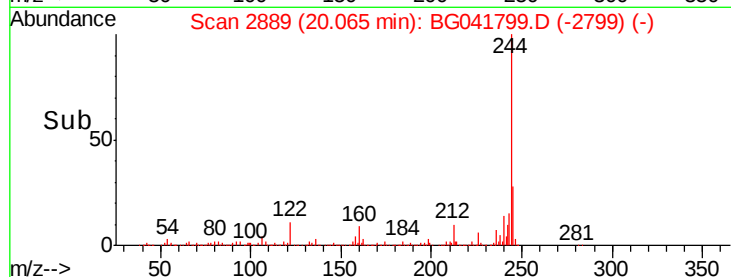
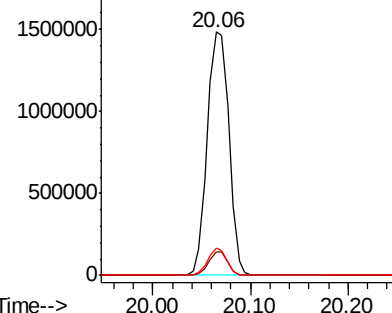
Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	9.7	14.5#
122	11.3	12.5	18.7#

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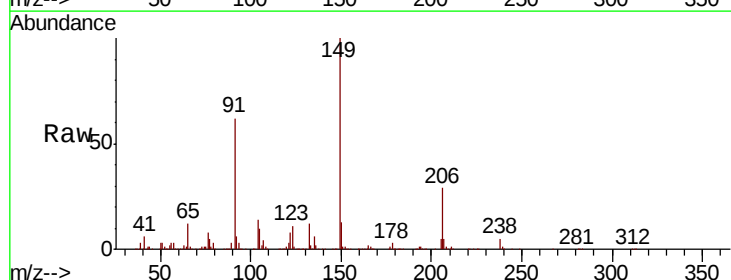


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

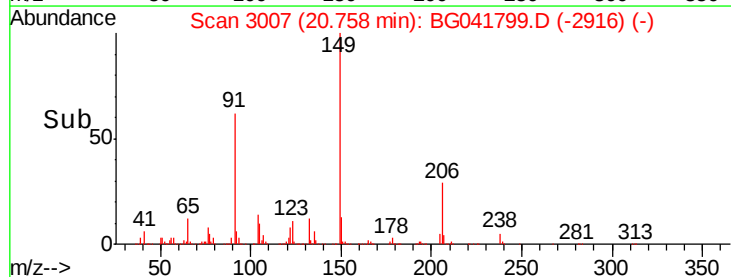
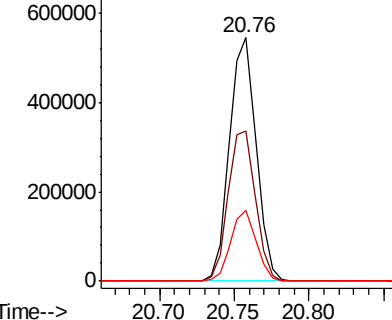


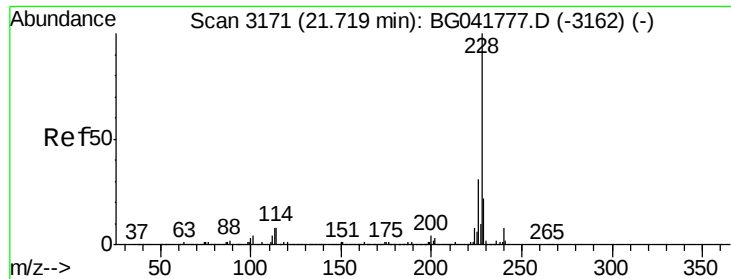
#80
 Butylbenzylphthalate
 Concen: 45.310 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041799.D
 Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.9	58.9	88.3
206	28.9	20.8	31.2



Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





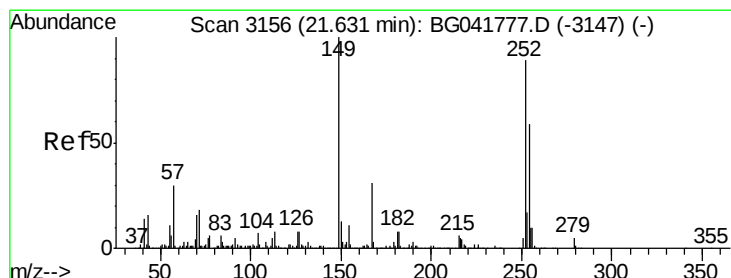
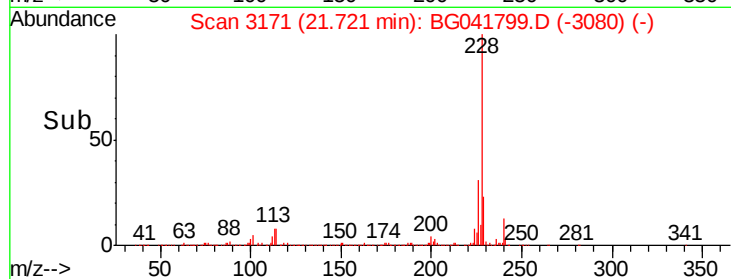
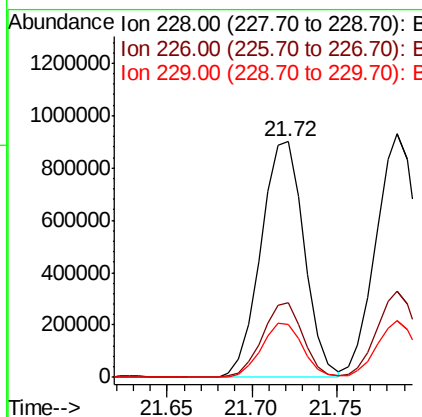
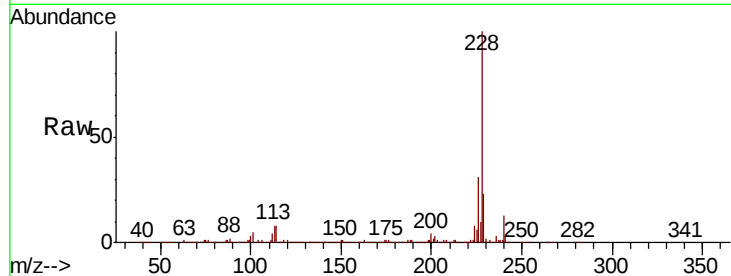
#81
Benzo(a)anthracene
Concen: 41.335 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	27.3	40.9
229	22.5	19.7	29.5

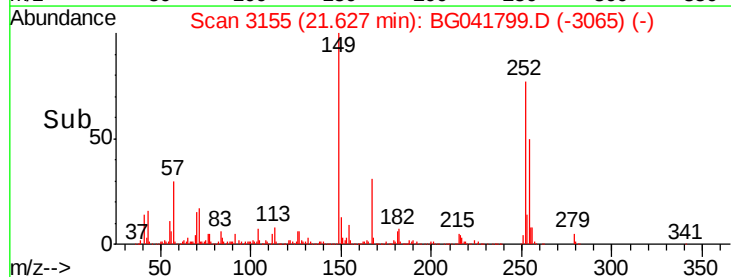
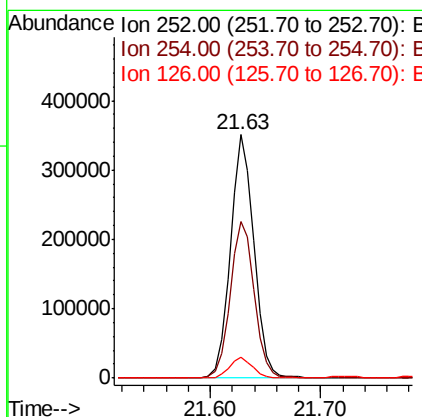
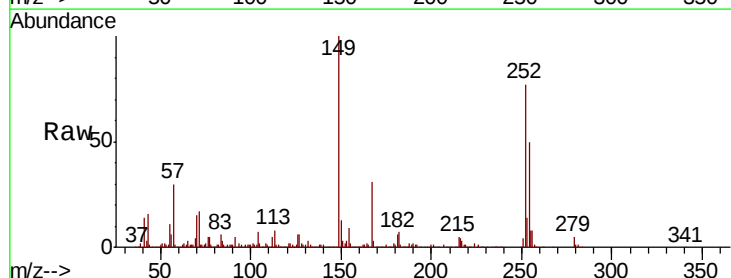
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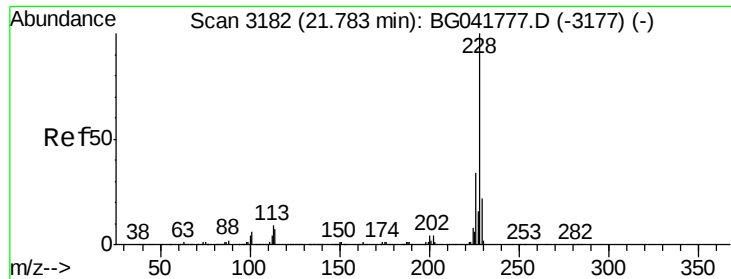
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#82
3,3'-Dichlorobenzidine
Concen: 33.705 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.8	80.6
126	8.4	7.8	11.8





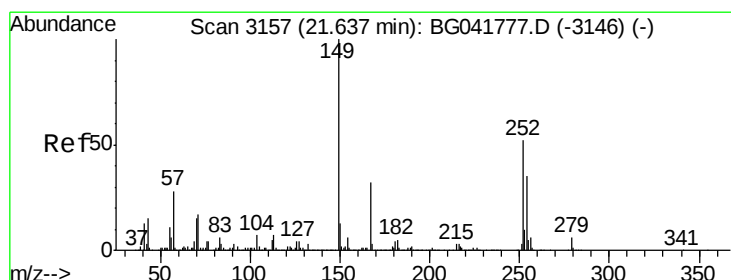
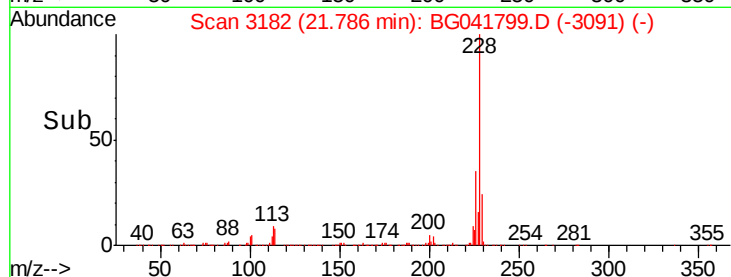
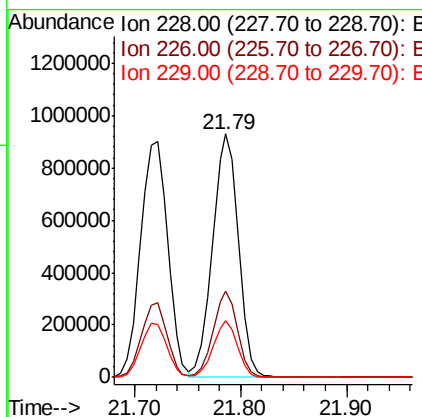
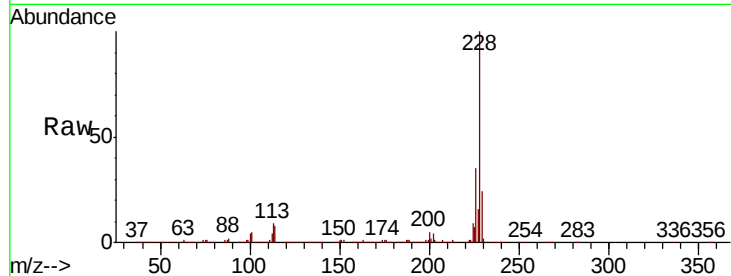
#83
Chrysene
Concen: 42.781 ng
RT: 21.79 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion:228 Resp: 1589642
Ion Ratio Lower Upper
228 100
226 35.4 30.1 45.1
229 23.6 19.8 29.6

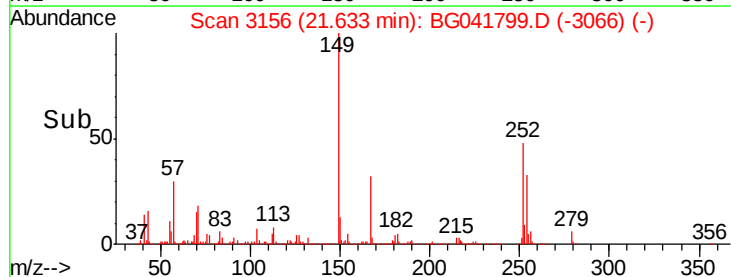
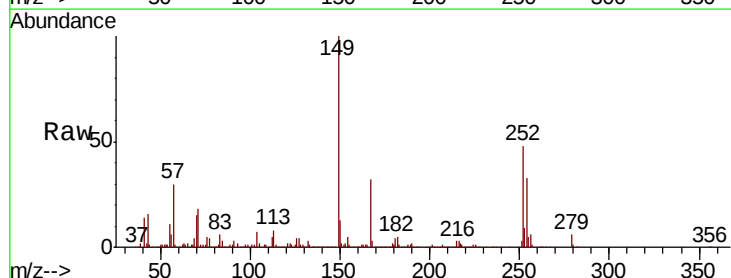
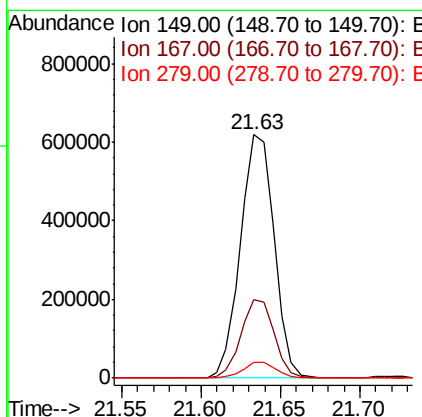
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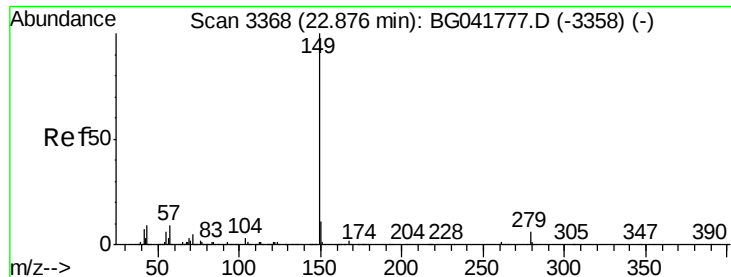
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.588 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion:149 Resp: 915398
Ion Ratio Lower Upper
149 100
167 32.2 27.0 40.4
279 6.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 45.484 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

ClientSampleId :

PB121731BS

Tot Ion:149 Resp: 1571507

Ion Ratio Lower Upper

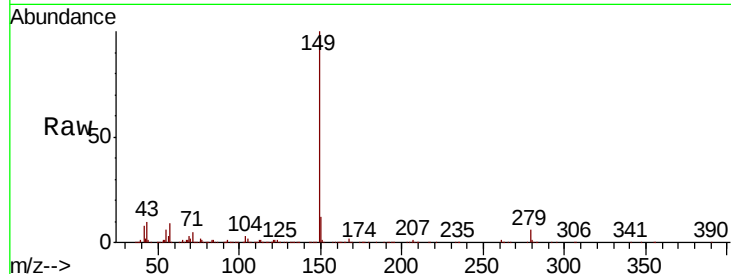
149 100

167 1.9 1.6 2.4

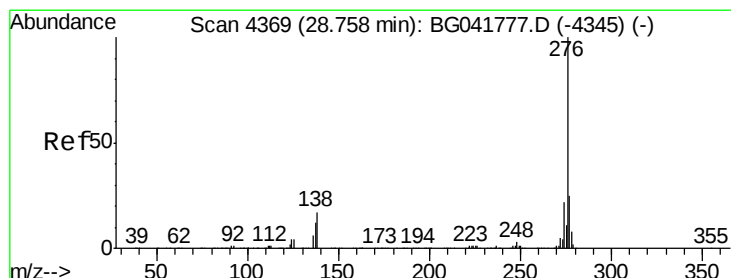
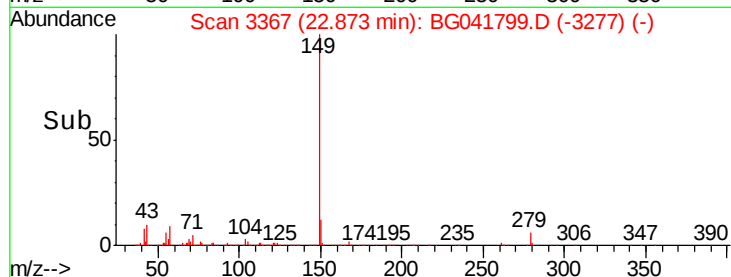
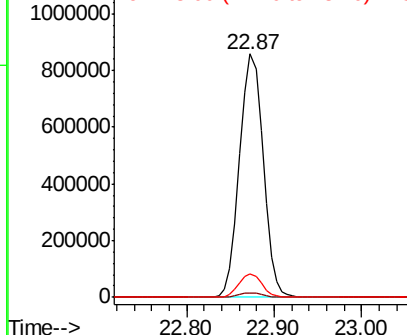
43 9.4 10.6 16.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.706 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

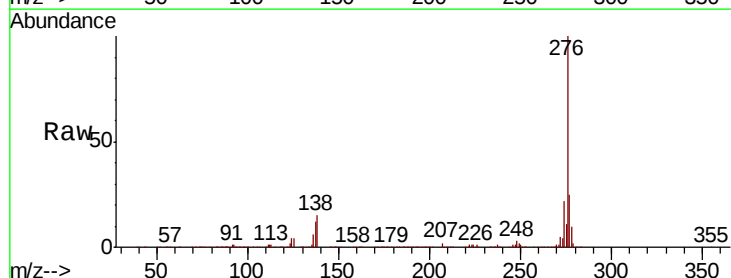
Tgt Ion:276 Resp: 2100678

Ion Ratio Lower Upper

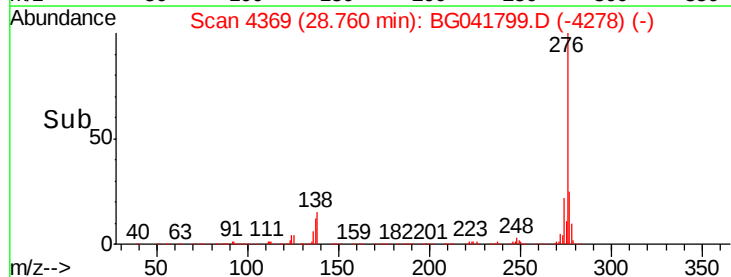
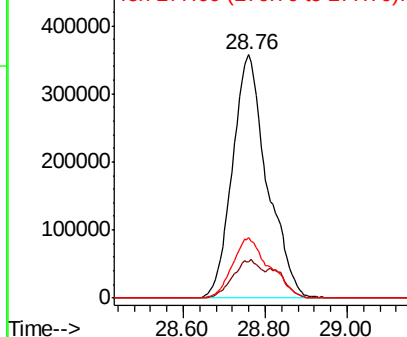
276 100

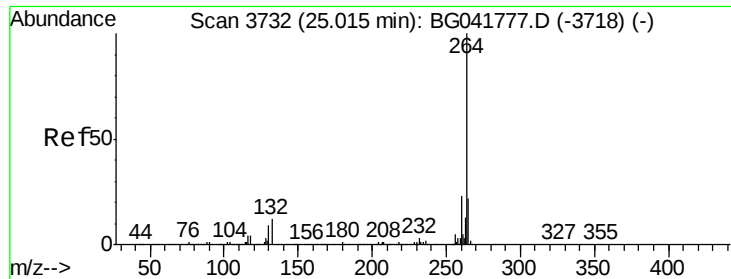
138 13.3 19.4 29.0#

277 26.5 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

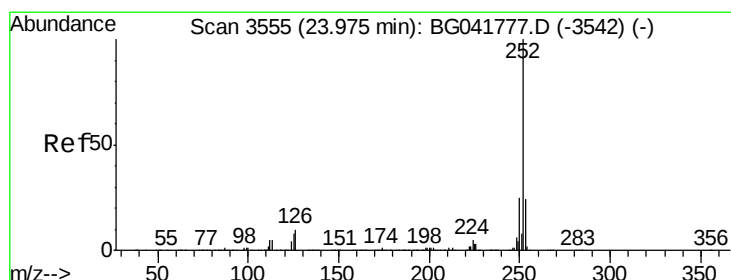
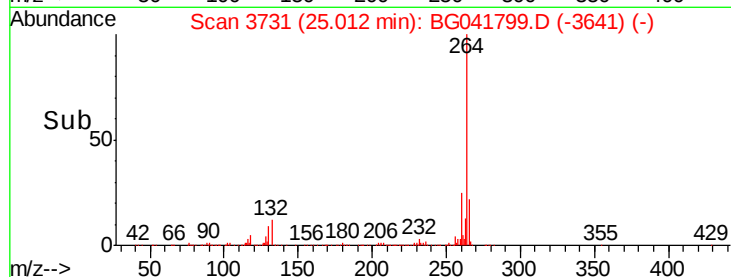
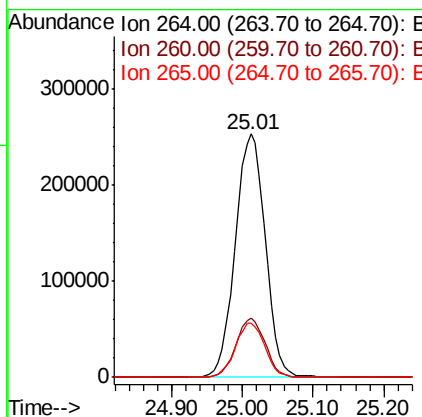
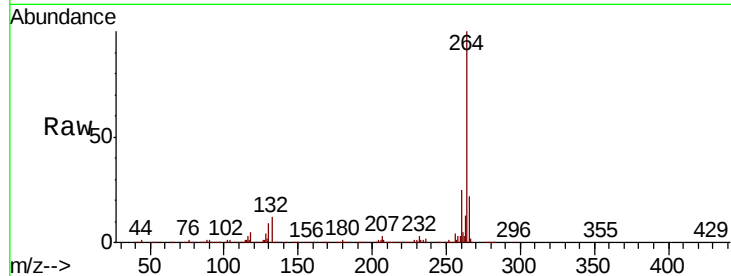
ClientSampleId :

PB121731BS

Tot Ion:	264	Resp:	748824
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.0	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 44.035 ng m

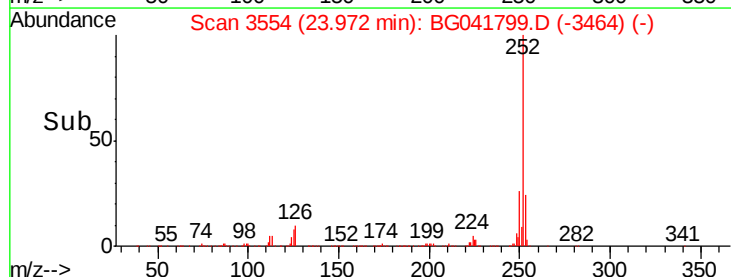
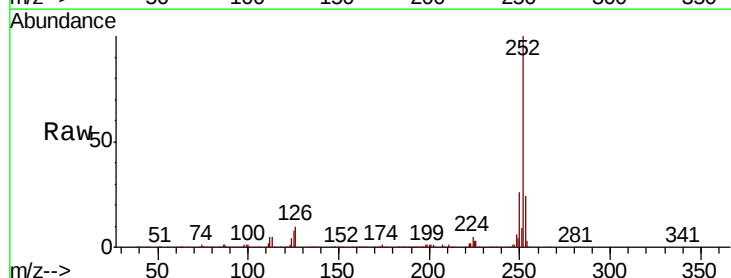
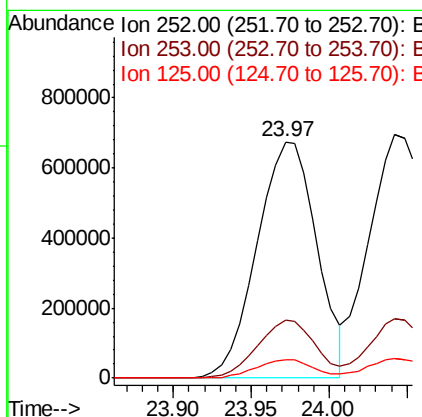
RT: 23.97 min Scan# 3554

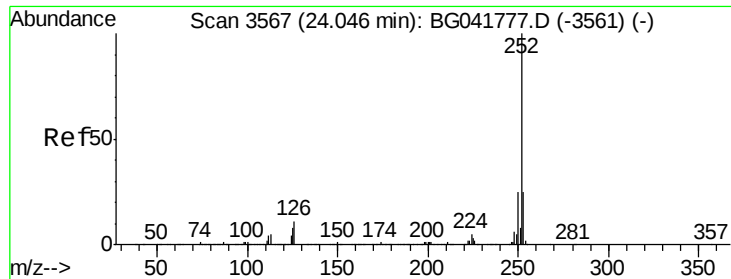
Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tgt Ion:	252	Resp:	1803869
Ion Ratio	Lower	Upper	
252	100		
253	24.3	20.6	30.8
125	8.0	8.0	12.0#





#89

Benzo(k)fluoranthene

Concen: 44.192 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Instrument :

BNA_G

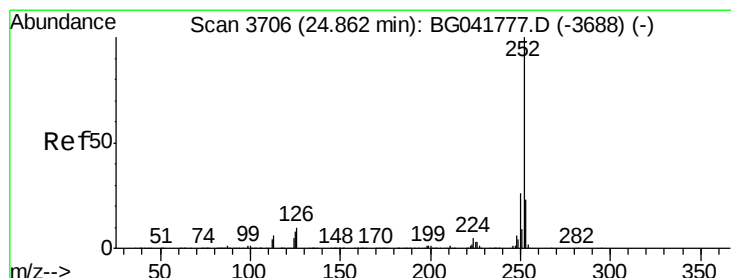
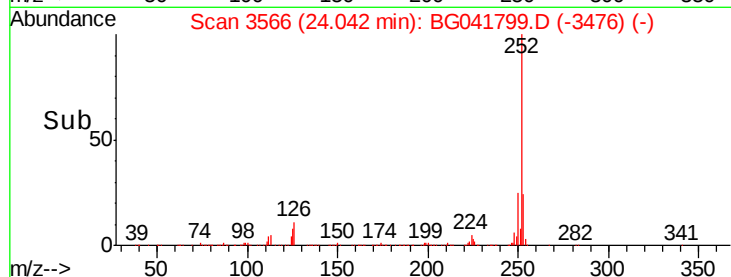
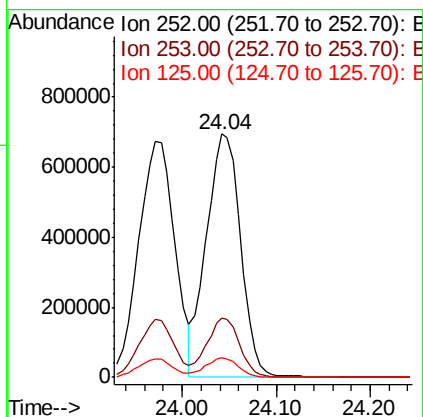
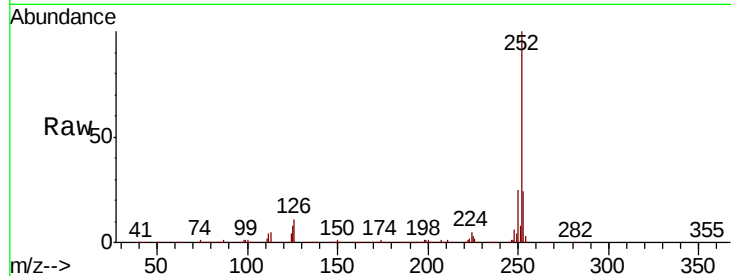
ClientSampleId :

PB121731BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.5	30.7
125	8.2	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 45.542 ng

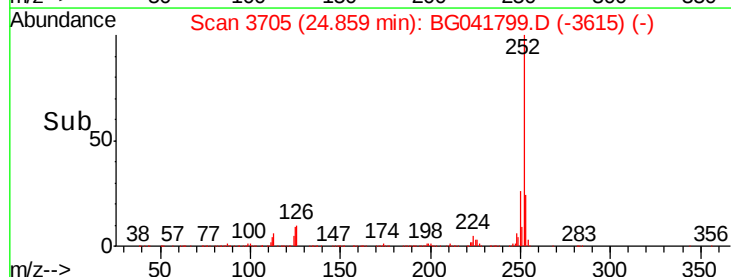
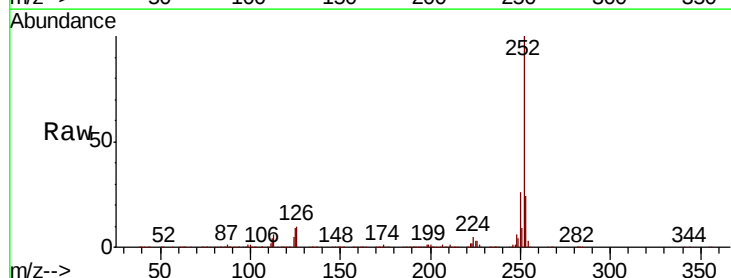
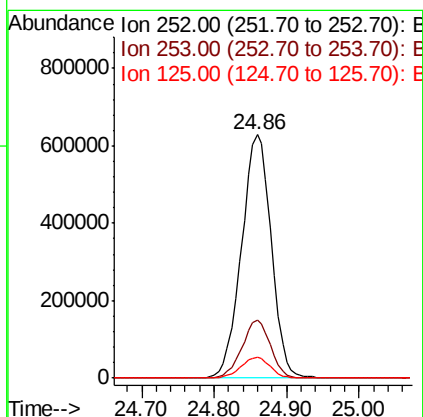
RT: 24.86 min Scan# 3705

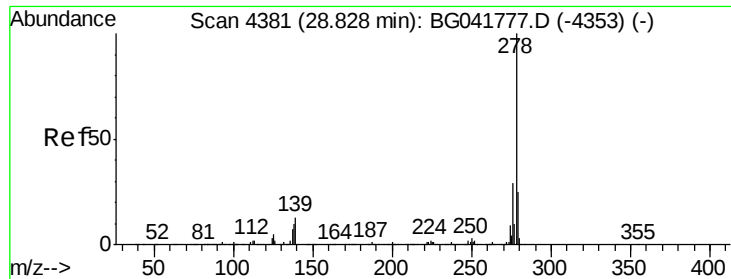
Delta R.T. -0.00 min

Lab File: BG041799.D

Acq: 30 Jul 2019 12:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.8
125	8.7	8.8	13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.666 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

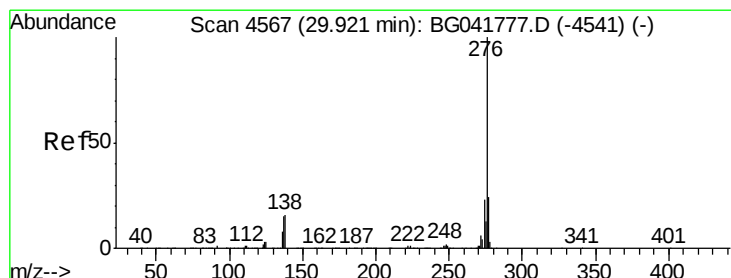
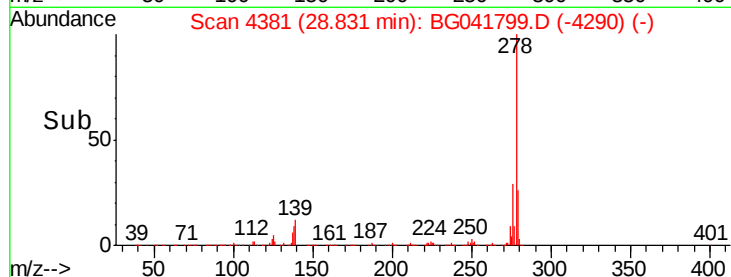
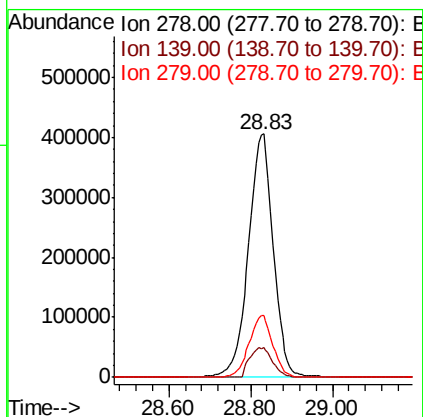
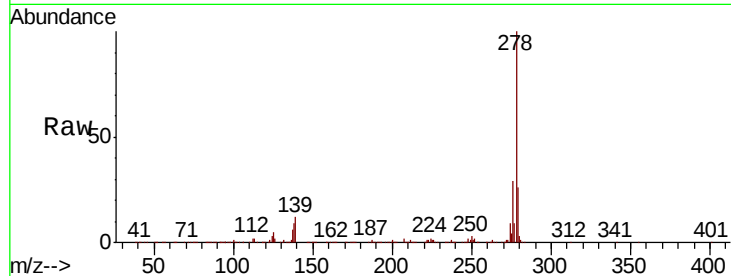
Instrument :
BNA_G
ClientSampleId :
PB121731BS

Tot Ion:278 Resp: 1723058

Ion	Ratio	Lower	Upper
278	100		
139	12.2	12.6	19.0#
279	25.6	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:04:50 PM



#92
Benzo(g,h,i)perylene
Concen: 45.413 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BG041799.D
Acq: 30 Jul 2019 12:05

Tgt Ion:276 Resp: 1750253

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	16.5	16.6	25.0#

