

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041311.D
 Acq On : 18 Jun 2019 23:48
 Operator : HP/JU
 Sample : K3419-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Manual Integrations
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mohammad
 6/21/2019 9:57:02 PM

Quant Time: Jun 19 13:15:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41495	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	159848	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110402	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	278503	20.00	ng	0.00
76) Chrysene-d12	21.74	240	276044	20.00	ng	0.00
87) Perylene-d12	25.05	264	295042	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	305684	135.36	ng	0.00
7) Phenol-d6	7.24	99	440529	134.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	314511	82.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	217573	128.37	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682127	83.98	ng	0.00
79) Terphenyl-d14	20.06	244	1161641	83.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	31936	28.201	ng	# 93
3) Pyridine	3.89	79	69849	23.251	ng	93
4) n-Nitrosodimethylamine	3.81	42	59593	37.197	ng	90
6) Aniline	7.41	93	104336	22.931	ng	95
8) 2-Chlorophenol	7.64	128	100366	37.823	ng	99
9) Benzaldehyde	7.22	77	96712	46.191	ng	93
10) Phenol	7.26	94	139504	39.630	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	93406	34.971	ng	97
12) 1,3-Dichlorobenzene	7.97	146	109715	33.022	ng	97
13) 1,4-Dichlorobenzene	8.12	146	114123	33.626	ng	97
14) 1,2-Dichlorobenzene	8.44	146	107779	33.248	ng	97
15) Benzyl Alcohol	8.32	79	115180	36.724	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	143402	32.797	ng	99
17) 2-Methylphenol	8.52	107	92537	36.770	ng	93
18) Hexachloroethane	9.16	117	43450	32.307	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	90050	34.012	ng	94
20) 3+4-Methylphenols	8.85	107	127278	37.991	ng	97
22) Acetophenone	8.91	105	167754	36.064	ng	98
24) Nitrobenzene	9.30	77	140681	36.802	ng	97
25) Isophorone	9.82	82	254382	36.481	ng	98
26) 2-Nitrophenol	10.02	139	59339	38.289	ng	97
27) 2,4-Dimethylphenol	10.06	122	101070	43.508	ng	97
28) bis(2-Chloroethoxy)methane	10.30	93	132220	36.391	ng	# 95
29) 2,4-Dichlorophenol	10.54	162	114570	39.776	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	129773	35.179	ng	96
31) Naphthalene	10.95	128	313019	36.031	ng	99
32) Benzoic acid	10.15	122	2639m	1.745	ng	
33) 4-Chloroaniline	11.07	127	69322	18.789	ng	95
34) Hexachlorobutadiene	11.21	225	100008	34.154	ng	97
35) Caprolactam	11.85	113	29765m	30.017	ng	
36) 4-Chloro-3-methylphenol	12.18	107	127134	38.213	ng	98
37) 2-Methylnaphthalene	12.55	142	235741	36.843	ng	98
38) 1-Methylnaphthalene	12.77	142	221075	36.112	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	174498	38.277	ng	99

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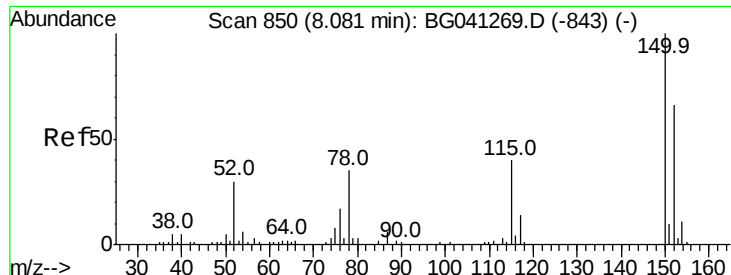
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	208759	67.982	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	109322	38.765	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	113866	39.240	nq	98
46) 1,1'-Biphenyl	13.55	154	318212	38.126	nq	100
47) 2-Chloronaphthalene	13.60	162	262217	36.491	nq	99
48) 2-Nitroaniline	13.81	65	92869	35.289	nq	95
49) Acenaphthylene	14.45	152	410611	37.657	nq	99
50) Dimethylphthalate	14.16	163	411994	41.941	nq	100
51) 2,6-Dinitrotoluene	14.30	165	76028	36.706	nq	98
52) Acenaphthene	14.78	154	234799	36.670	nq	97
53) 3-Nitroaniline	14.63	138	47019	23.041	nq	95
54) 2,4-Dinitrophenol	14.84	184	42927	31.923	nq	96
55) Dibenzofuran	15.12	168	413407	37.135	nq	98
56) 4-Nitrophenol	14.94	139	107892	70.014	nq	99
57) 2,4-Dinitrotoluene	15.09	165	105959	34.996	nq	# 95
58) Fluorene	15.76	166	321106	36.667	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	112390	37.454	nq	98
60) Diethylphthalate	15.52	149	353175	35.373	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	201794	35.416	nq	98
62) 4-Nitroaniline	15.80	138	74259	34.024	nq	96
63) Azobenzene	16.04	77	325379	36.529	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	55265	30.572	nq	98
66) n-Nitrosodiphenylamine	15.97	169	284550	38.479	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	132096	36.682	nq	99
68) Hexachlorobenzene	16.75	284	136378	35.366	nq	# 93
69) Atrazine	16.91	200	123150	48.631	nq	97
70) Pentachlorophenol	17.11	266	146577	74.231	nq	95
71) Phenanthrene	17.51	178	550241	37.044	nq	99
72) Anthracene	17.60	178	558518	38.141	nq	99
73) Carbazole	17.87	167	474397	37.033	nq	100
74) Di-n-butylphthalate	18.40	149	568118	35.544	nq	99
75) Fluoranthene	19.51	202	723049	36.641	nq	99
77) Benzidine	19.69	184	286528	42.914	nq	98
78) Pyrene	19.87	202	734790	39.470	nq	100
80) Butylbenzylphthalate	20.74	149	261822	37.182	nq	97
81) Benzo(a)anthracene	21.72	228	716566	38.338	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	140857	21.468	nq	97
83) Chrysene	21.79	228	683127	38.006	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	366647	38.207	nq	99
85) Di-n-octyl phthalate	22.82	149	625335	38.516	nq	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	809479	37.958	nq	99
88) Benzo(b)fluoranthene	23.99	252	700509	38.311	nq	99
89) Benzo(k)fluoranthene	24.06	252	686567	37.903	nq	100
90) Benzo(a)pyrene	24.90	252	689859	39.949	nq	100
91) Dibenzo(a,h)anthracene	28.92	278	664169	38.203	nq	100
92) Benzo(g,h,i)perylene	30.06	276	665882	38.757	nq	98

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



#1

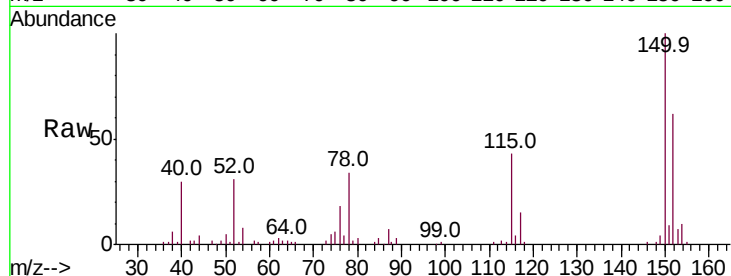
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	120.6	181.0
115	68.8	47.9	71.9

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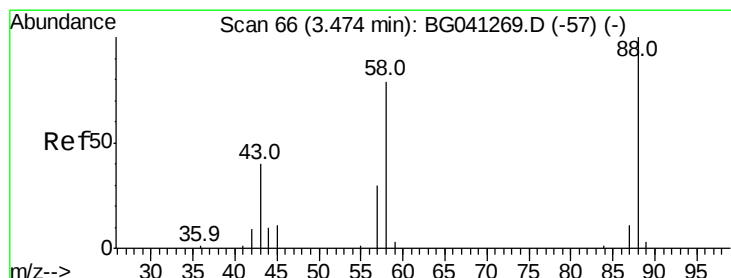
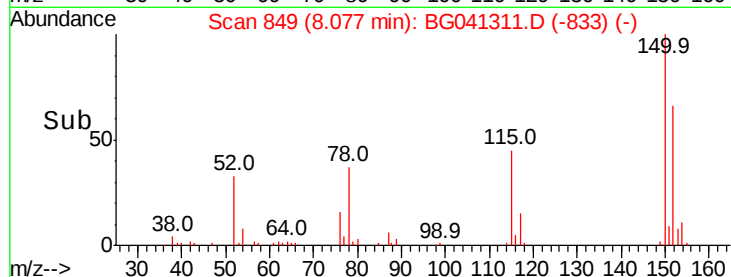
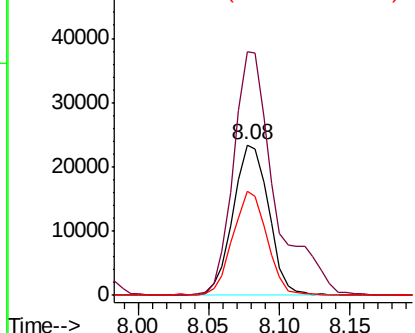


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

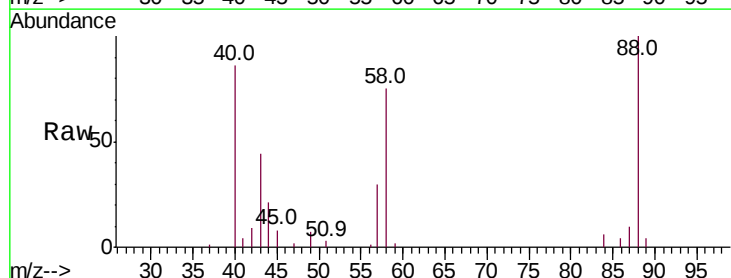
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.201 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	59.7	89.5
43	48.6	31.9	47.9

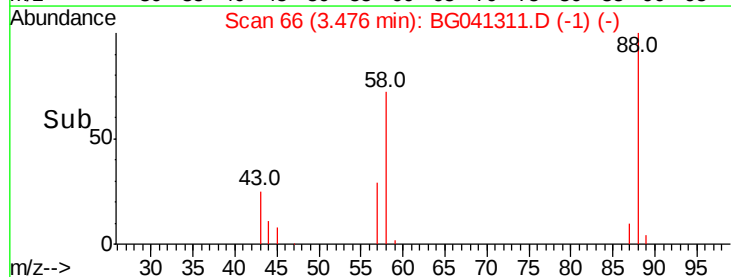
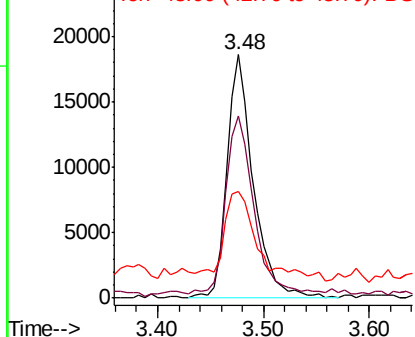


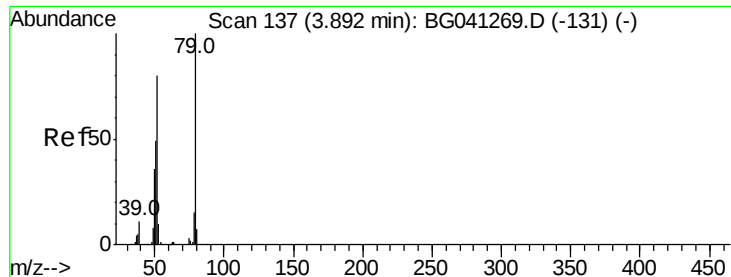
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.251 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

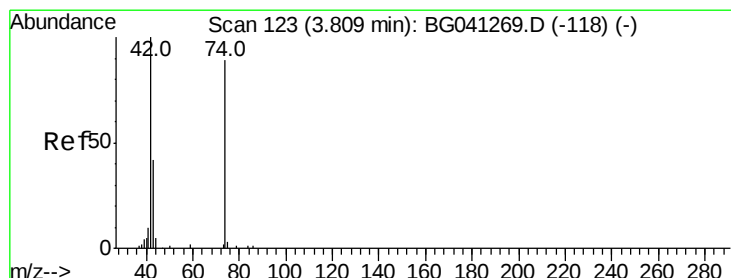
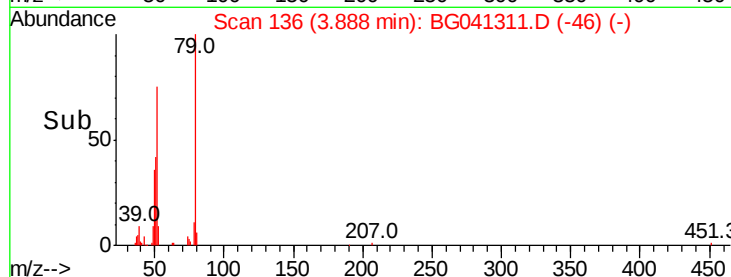
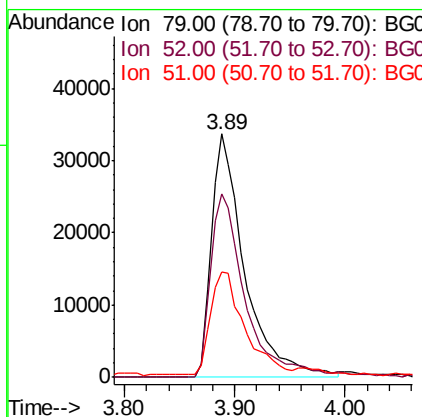
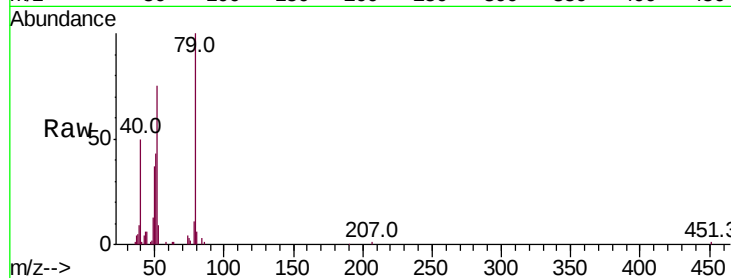
ClientSampleId :

TP-AMS

Tot Ion:	79	Resp:	69849
Ion	Ratio	Lower	Upper
79	100		
52	75.2	63.6	95.4
51	43.4	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 37.197 ng

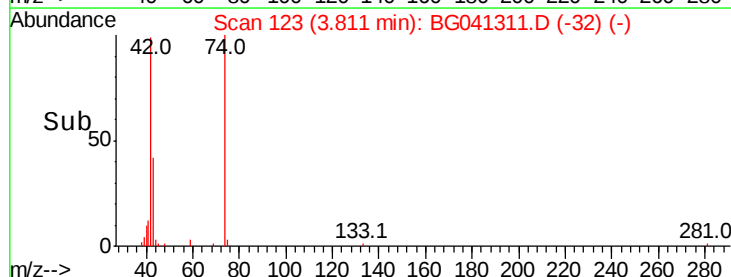
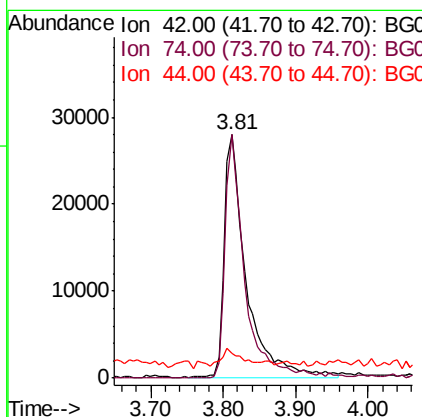
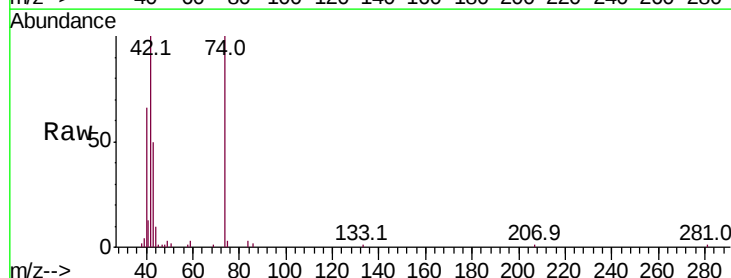
RT: 3.81 min Scan# 123

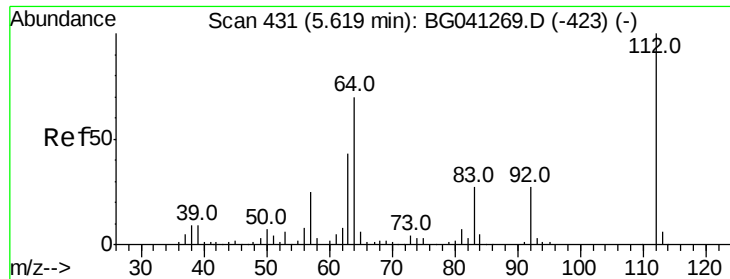
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	42	Resp:	59593
Ion	Ratio	Lower	Upper
42	100		
74	100.0	71.6	107.4
44	10.1	9.0	13.4





#5

2-Fluorophenol

Concen: 135.358 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

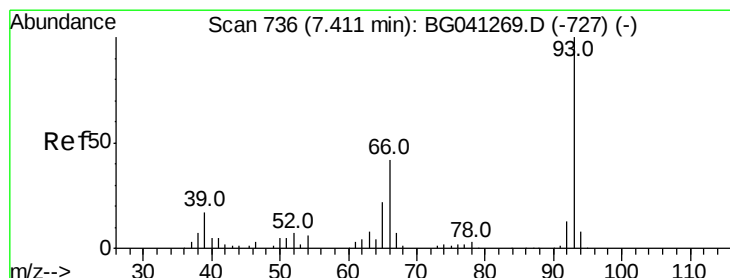
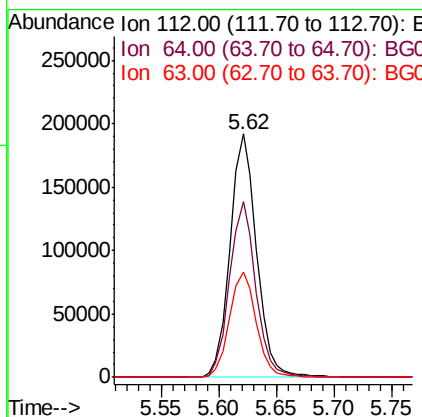
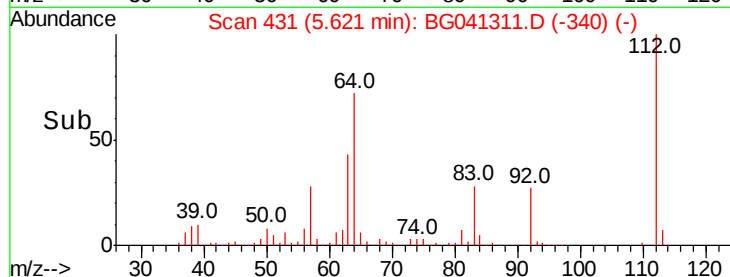
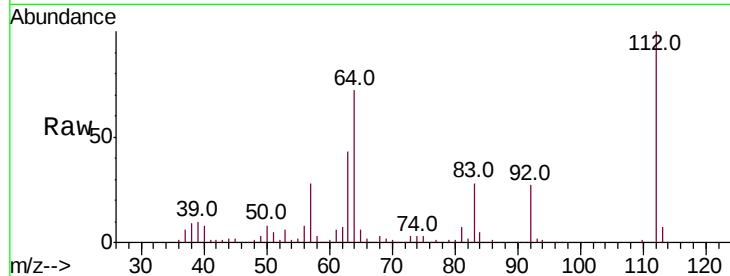
ClientSampled :

TP-AMS

Tot Ion:	112	Resp:	305684
Ion Ratio	Lower	Upper	
112	100		
64	72.1	55.9	83.9
63	43.4	34.6	51.8

Manual Integrations
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#6

Aniline

Concen: 22.931 ng

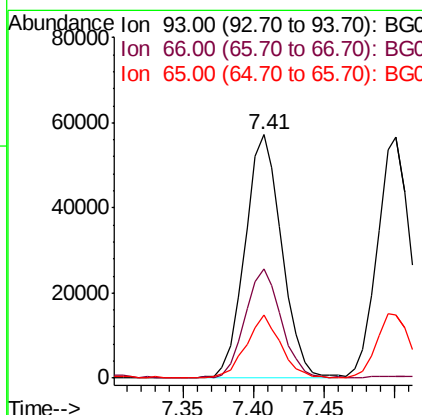
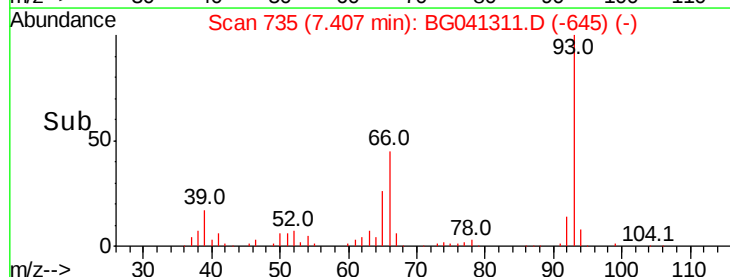
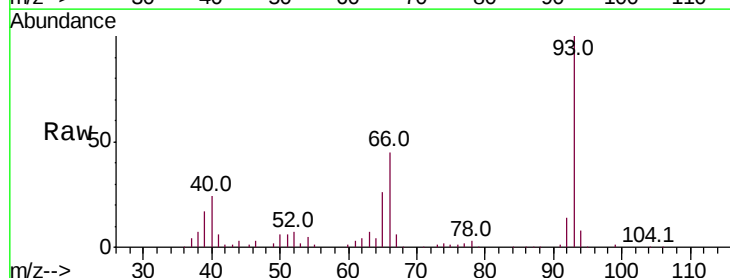
RT: 7.41 min Scan# 735

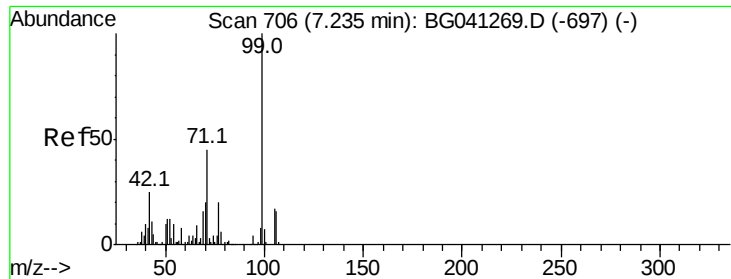
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	93	Resp:	104336
Ion Ratio	Lower	Upper	
93	100		
66	45.1	34.2	51.2
65	25.8	17.7	26.5





#7

Phenol-d6

Concen: 134.575 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

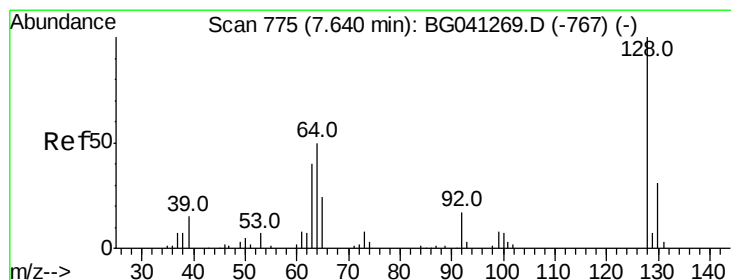
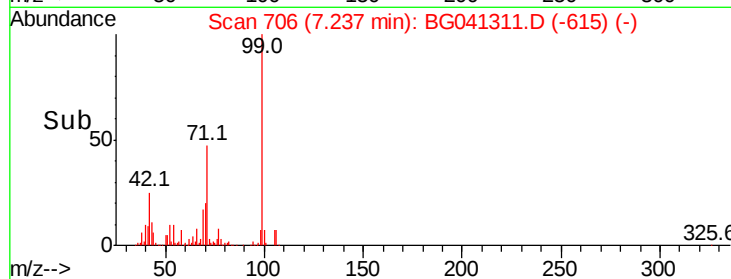
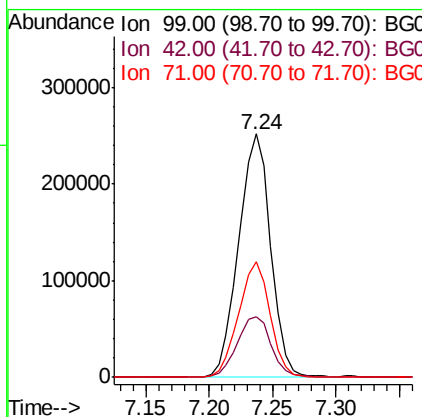
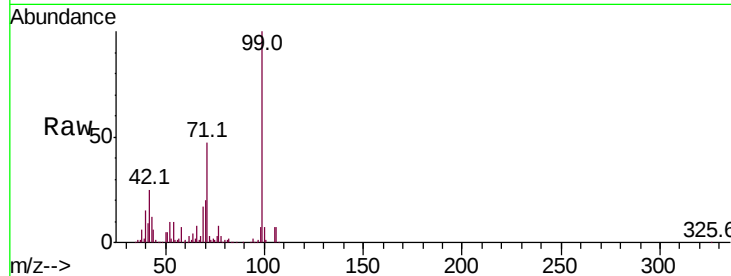
ClientSampleId :

TP-AMS

Tot Ion:	99	Resp:	440529
Ion Ratio	Lower	Upper	
99	100		
42	25.1	19.9	29.9
71	47.3	36.4	54.6

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#8

2-Chlorophenol

Concen: 37.823 ng

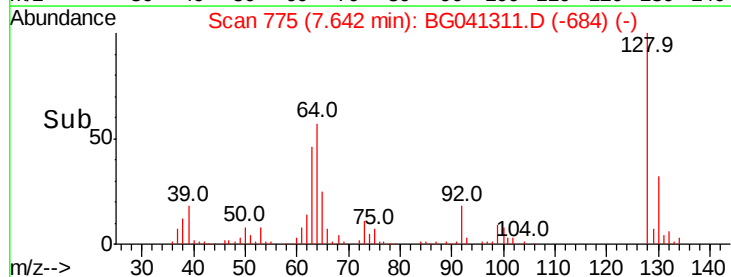
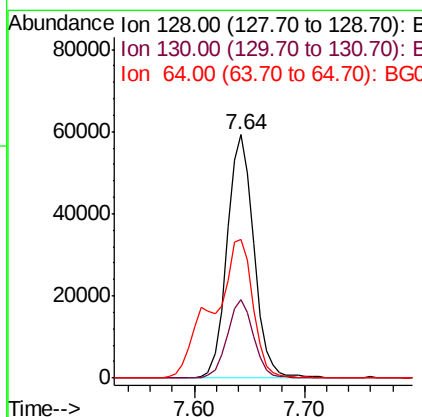
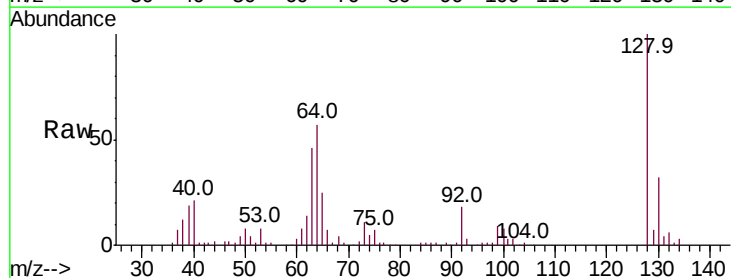
RT: 7.64 min Scan# 775

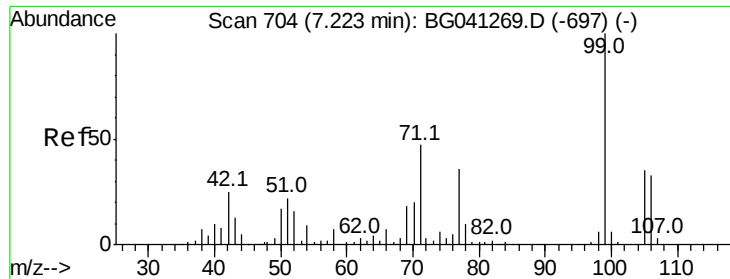
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	128	Resp:	100366
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.1	51.1
64	57.1	36.6	76.6





#9

Benzaldehyde

Concen: 46.191 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

TP-AMS

Tot Ion: 77 Resp: 96712

Ion Ratio Lower Upper

77 100

105 87.2 78.7 118.7

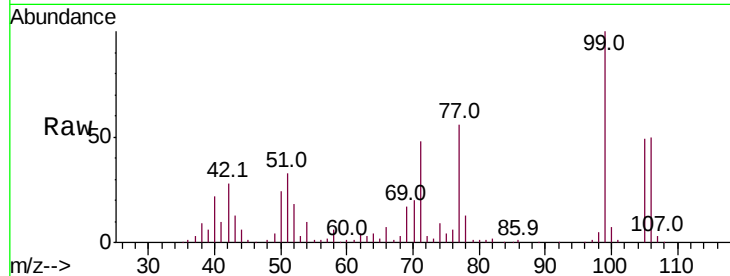
106 88.8 71.1 111.1

Manual Integrations

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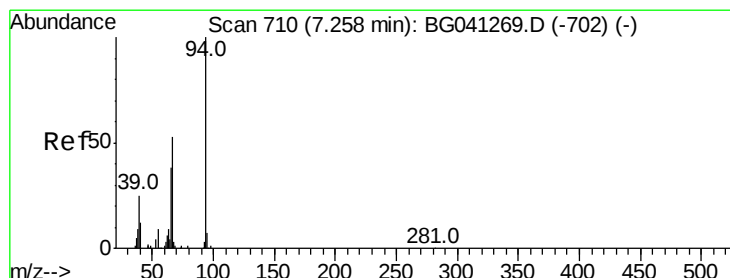
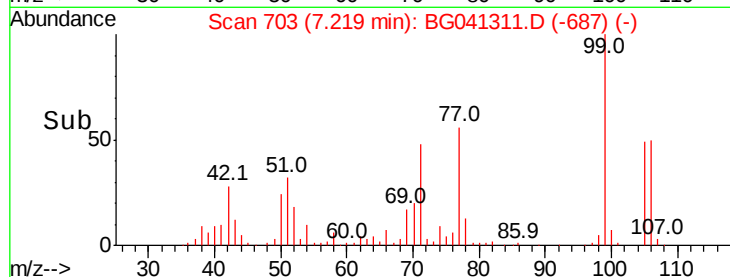
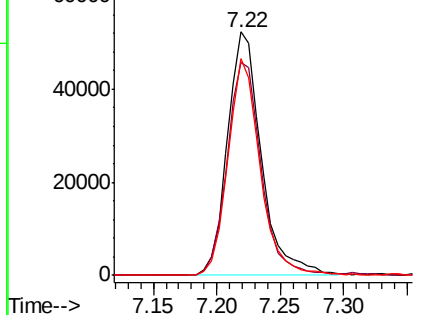
6/21/2019 9:57:02 PM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.630 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

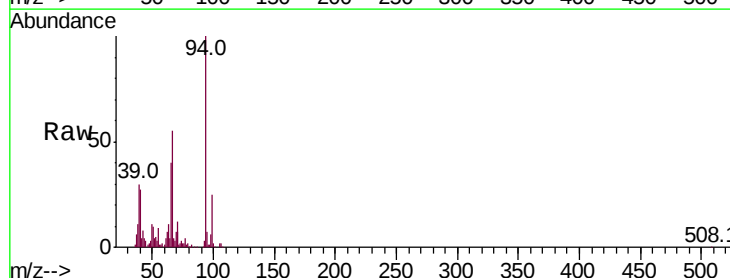
Tgt Ion: 94 Resp: 139504

Ion Ratio Lower Upper

94 100

65 39.6 18.7 58.7

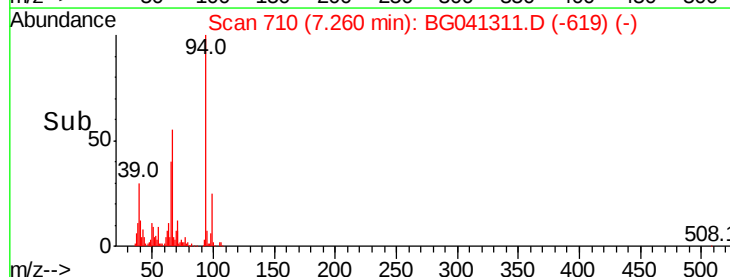
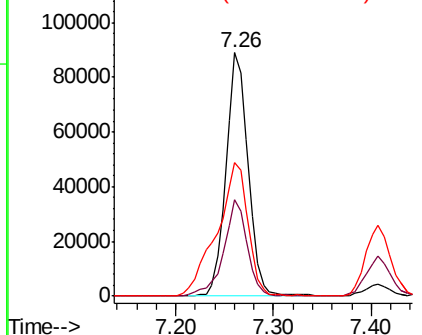
66 54.8 35.5 75.5

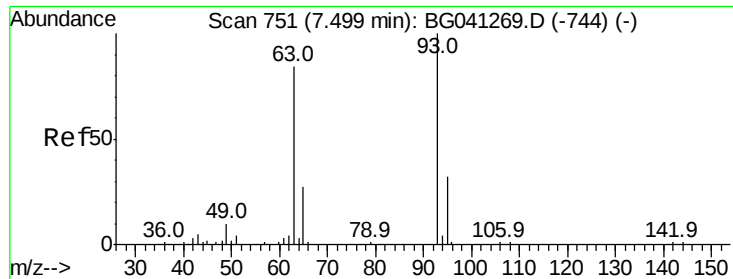


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 34.971 ng

RT: 7.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

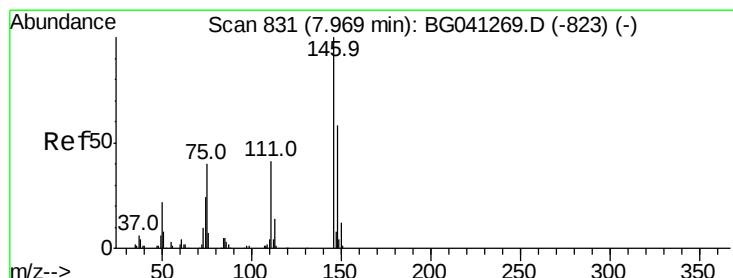
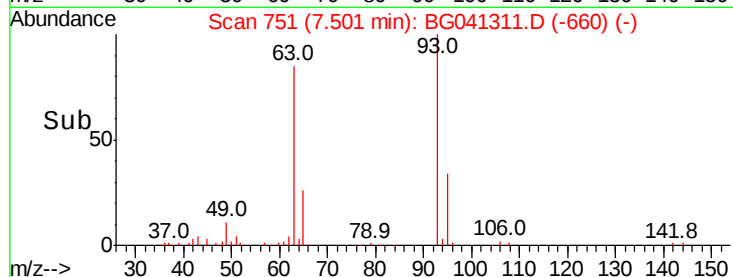
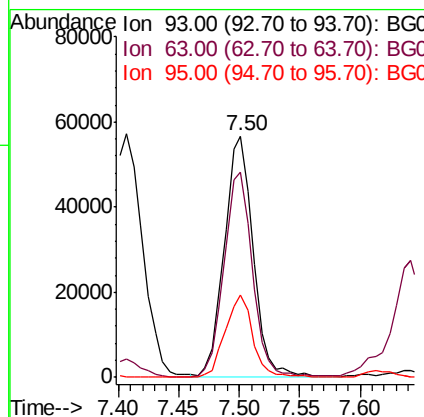
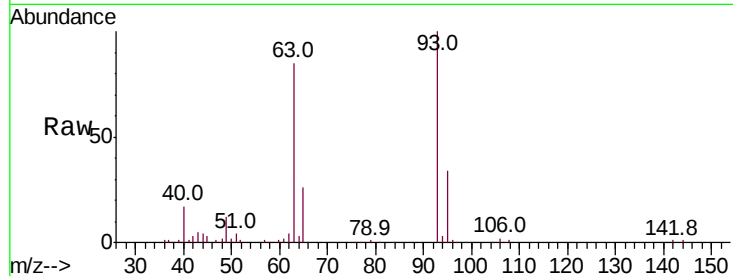
ClientSampled :

TP-AMS

Tot Ion:	93	Resp:	93406
Ion Ratio	Lower	Upper	
93	100		
63	85.2	63.6	103.6
95	34.2	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 33.022 ng

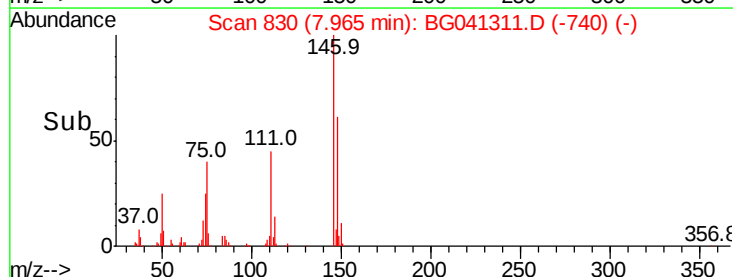
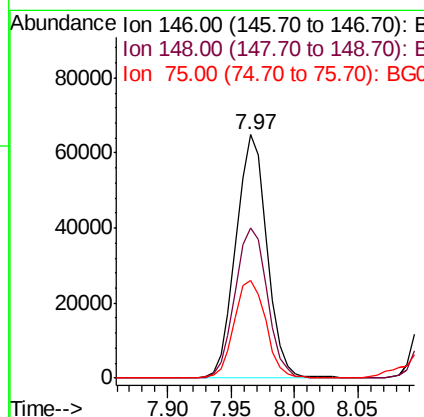
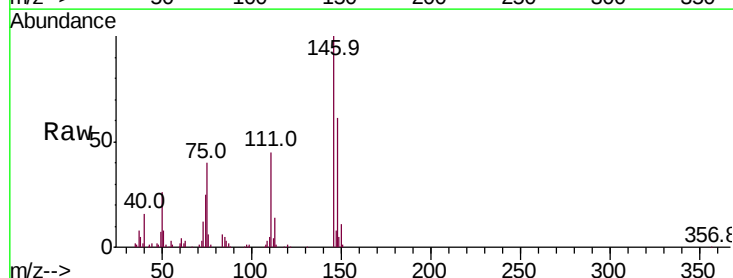
RT: 7.97 min Scan# 830

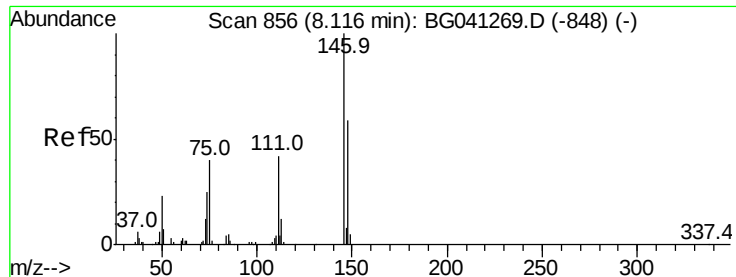
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	146	Resp:	109715
Ion Ratio	Lower	Upper	
146	100		
148	61.4	46.5	69.7
75	40.4	32.2	48.4





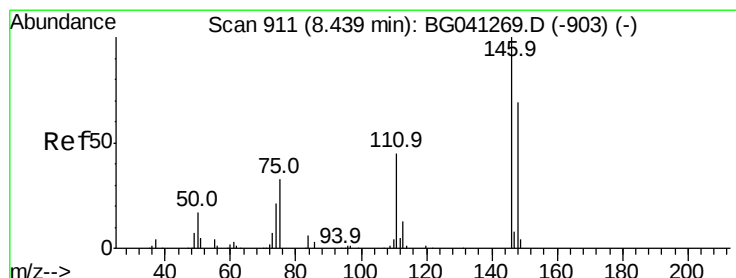
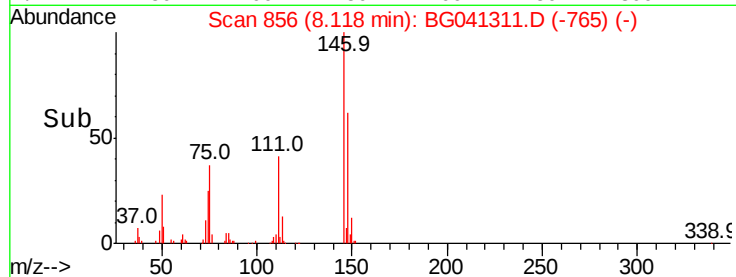
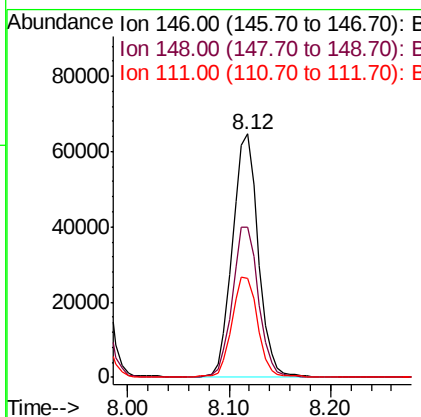
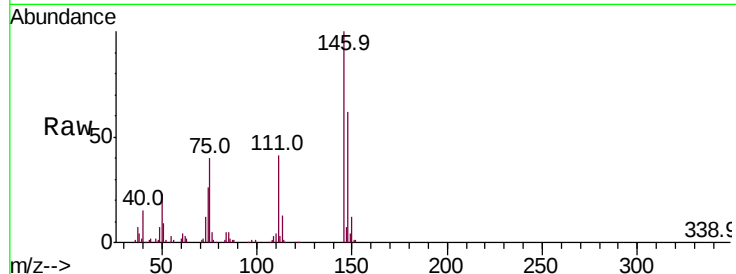
#13
1,4-Dichlorobenzene
Concen: 33.626 ng
RT: 8.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114123		
148	61.7	47.3	70.9	
111	40.8	33.4	50.0	

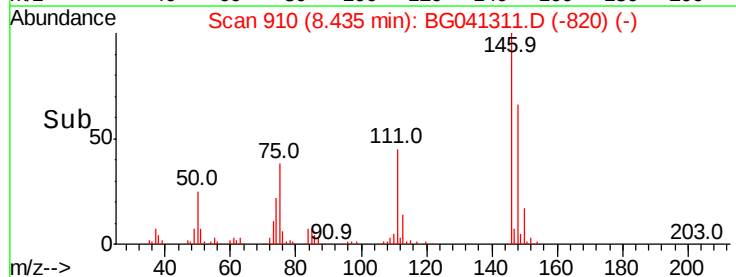
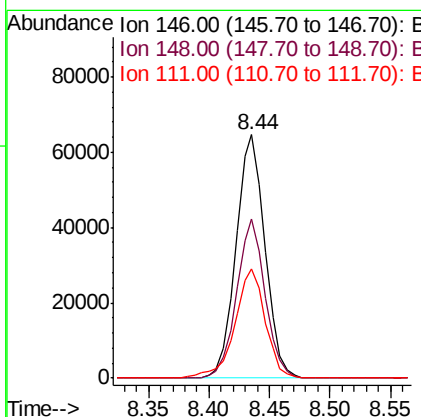
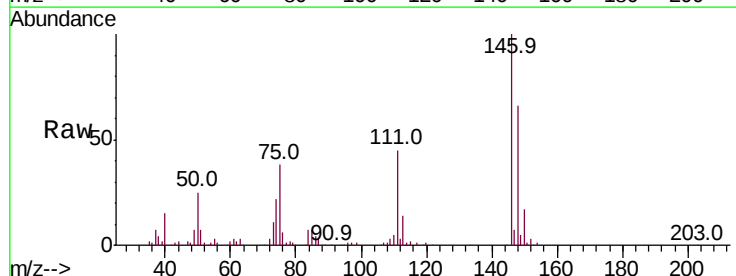
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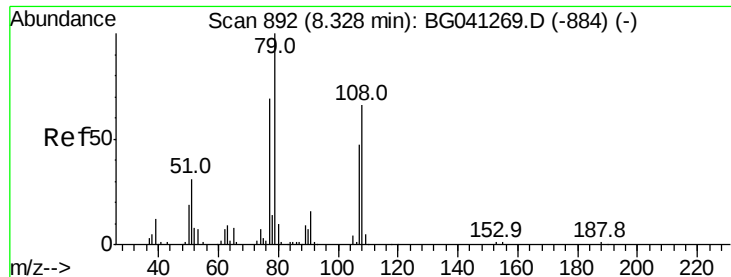
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#14
1,2-Dichlorobenzene
Concen: 33.248 ng
RT: 8.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	107779		
148	65.5	54.9	82.3	
111	45.0	37.0	55.6	





#15

Benzyl Alcohol

Concen: 36.724 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

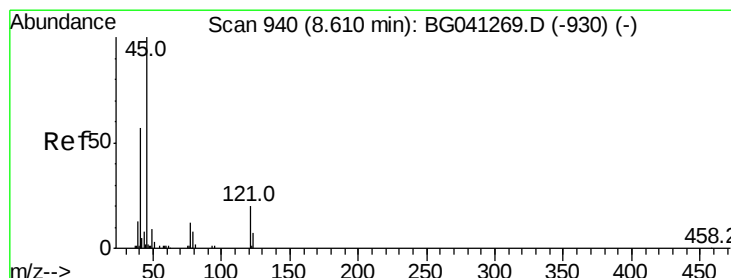
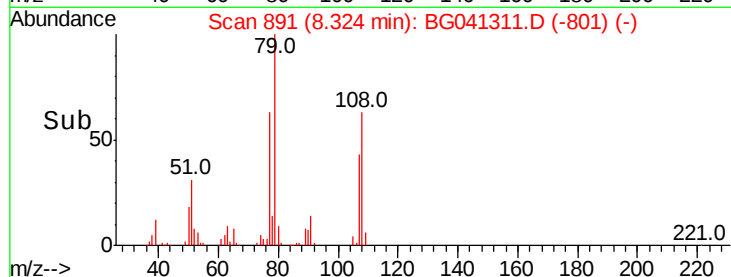
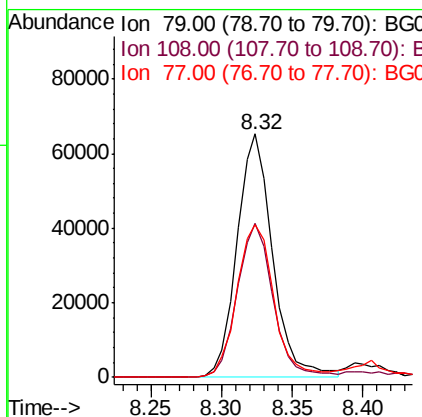
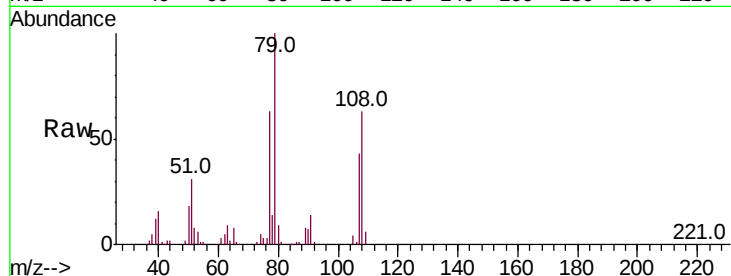
ClientSampleId :

TP-AMS

Tot Ion:	79	Resp:	115180
Ion Ratio	Lower	Upper	
79	100		
108	63.0	52.7	79.1
77	62.8	55.2	82.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.797 ng

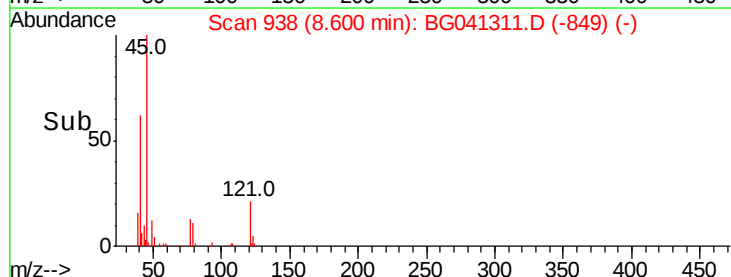
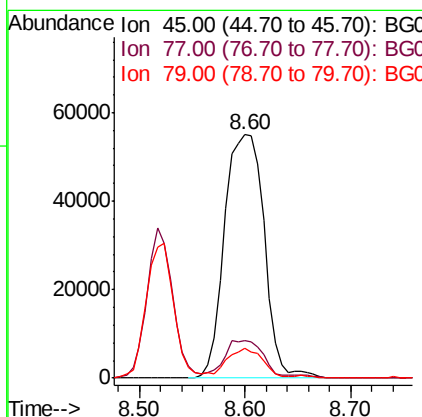
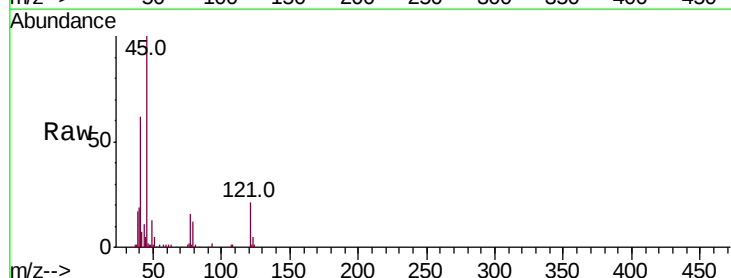
RT: 8.60 min Scan# 938

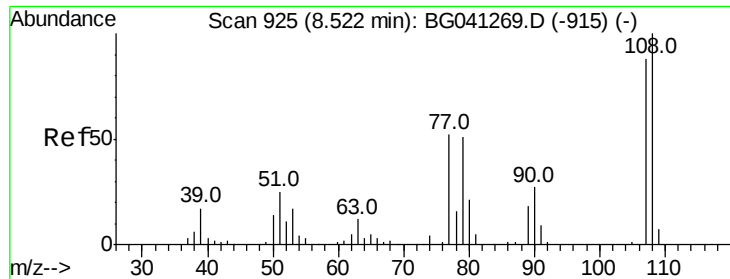
Delta R.T. -0.01 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	45	Resp:	143402
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.2
79	12.2	0.0	31.6





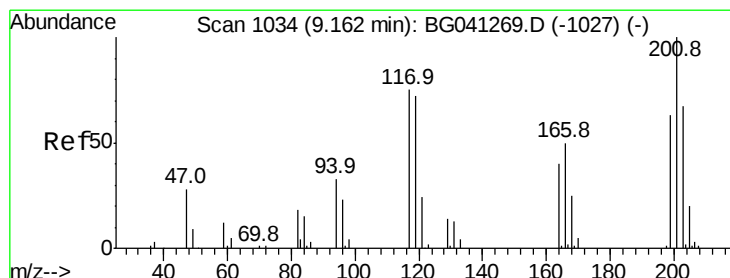
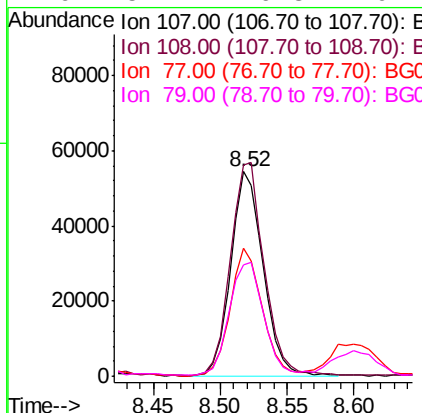
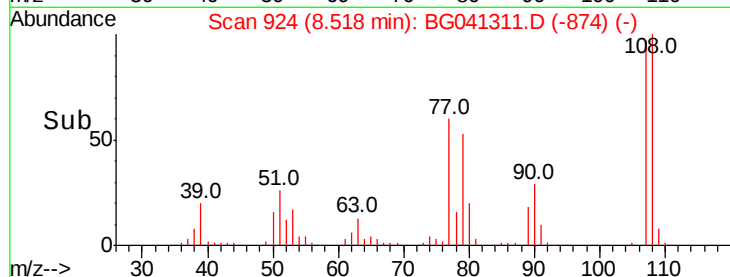
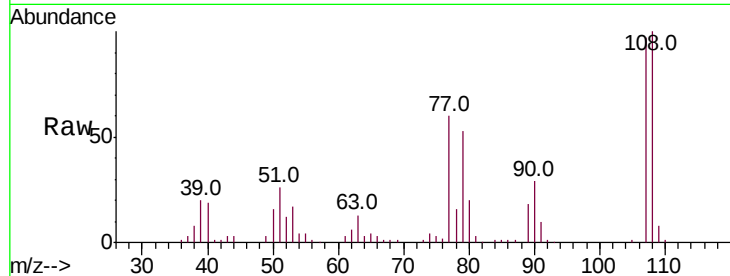
#17
2-Methylphenol
Concen: 36.770 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	103.3	91.7	137.5
77	62.4	47.8	71.8
79	54.4	46.8	70.2

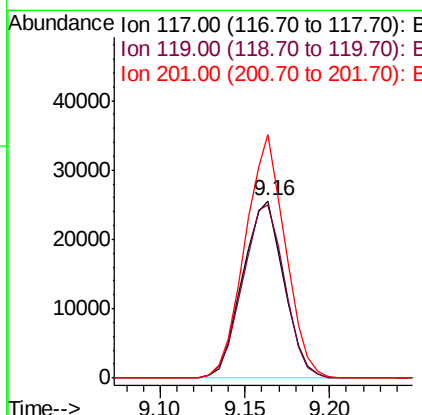
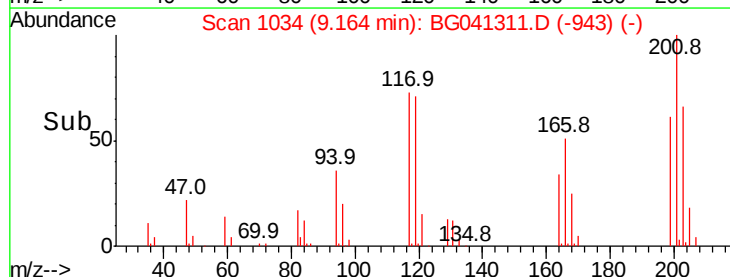
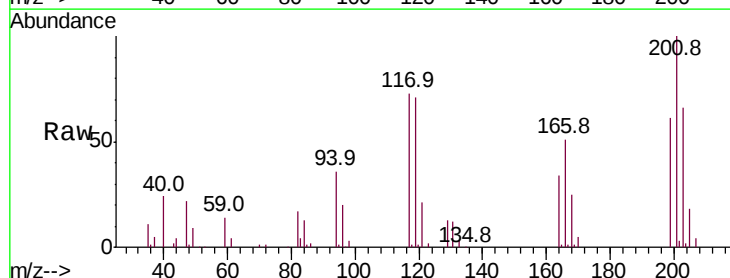
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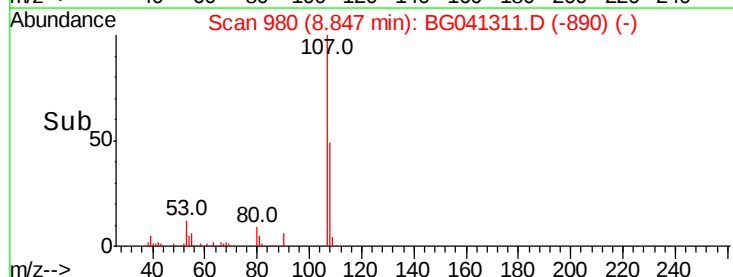
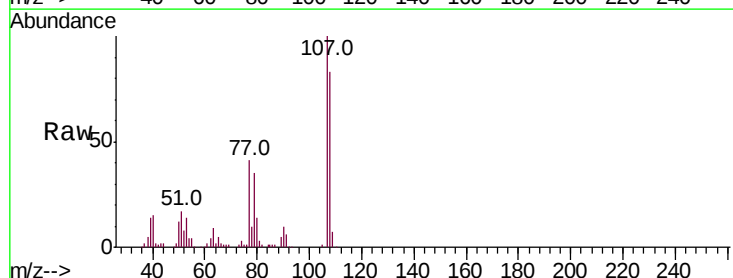
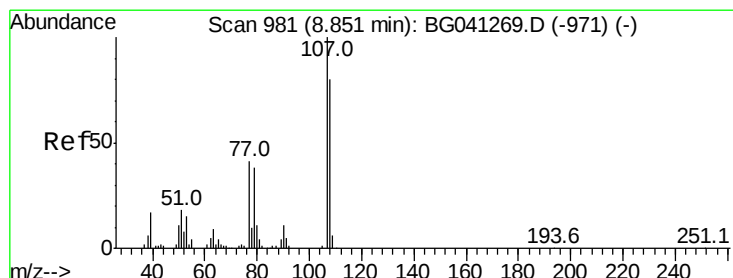
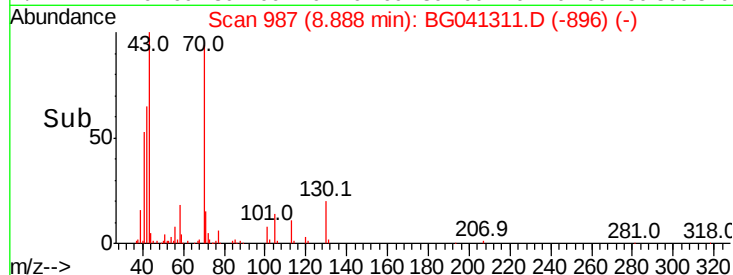
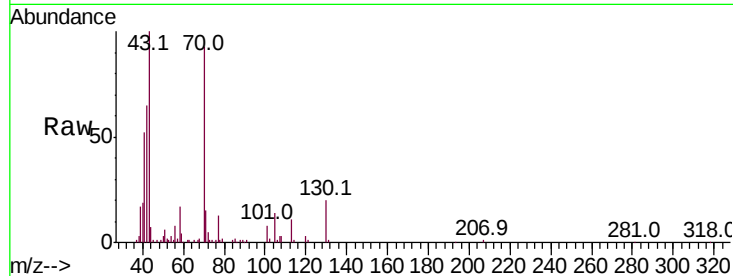
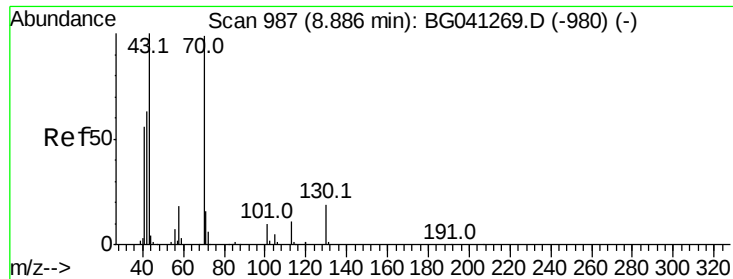
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#18
Hexachloroethane
Concen: 32.307 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.8	115.2
201	137.4	106.3	159.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.012 ng

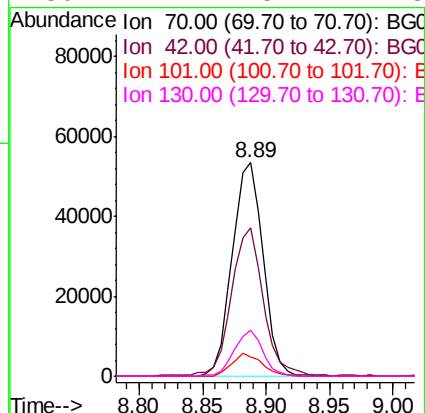
RT: 8.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.3	51.4	77.2	
101	8.9	8.2	12.2	
130	21.7	15.2	22.8	



Instrument :

BNA_G

ClientSampleId :

TP-AMS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 37.991 ng

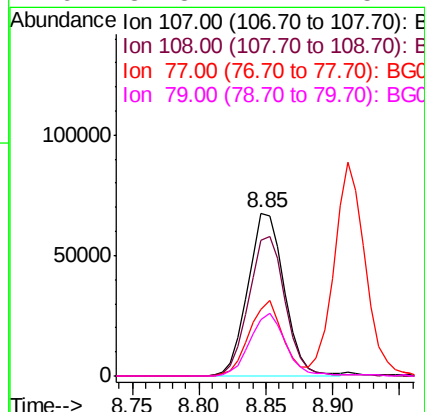
RT: 8.85 min Scan# 980

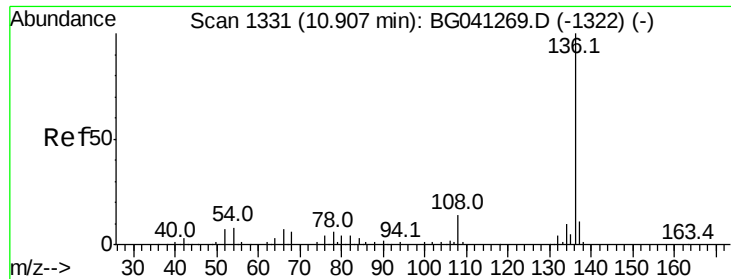
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.2	60.4	100.4	
77	41.2	21.2	61.2	
79	34.8	17.7	57.7	





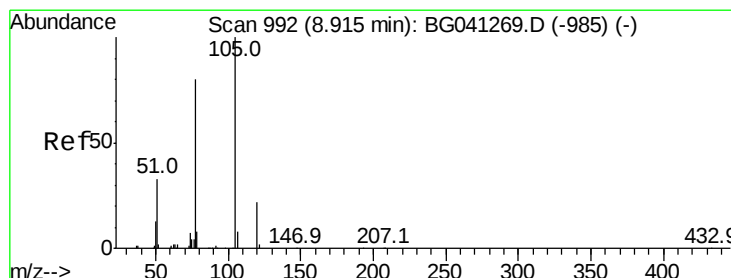
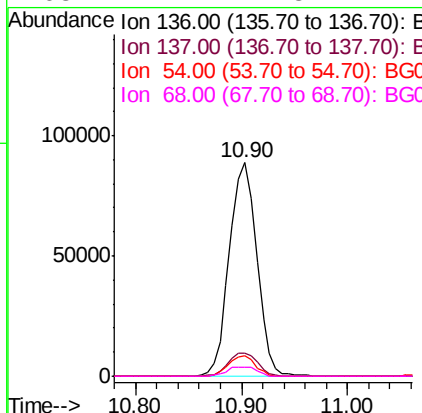
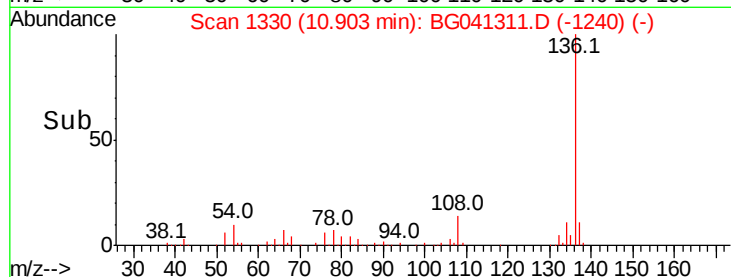
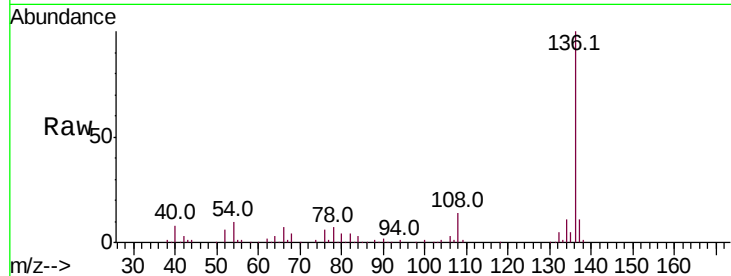
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	159848		
137	10.7	8.8	13.2	
54	9.9	6.4	9.6	
68	4.1	4.8	7.2	

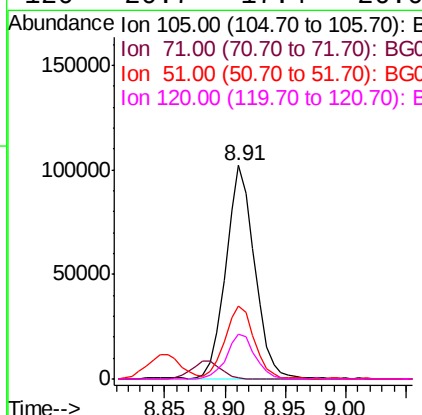
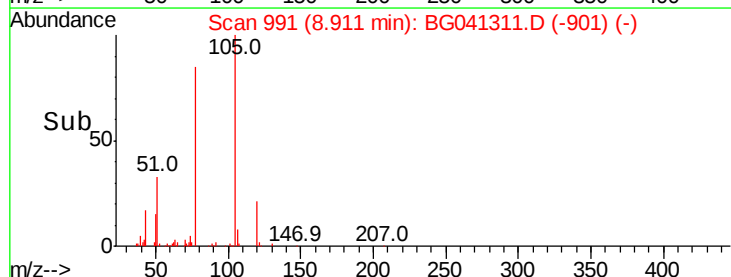
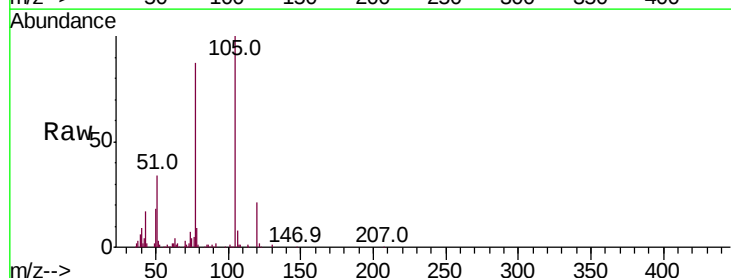
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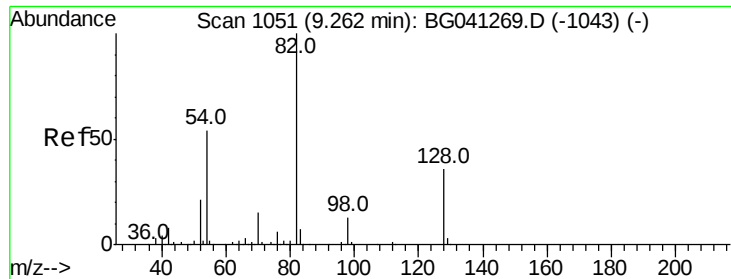
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#22
Acetophenone
Concen: 36.064 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167754		
71	0.5	0.4	0.6	
51	34.2	28.2	42.4	
120	20.7	17.4	26.0	





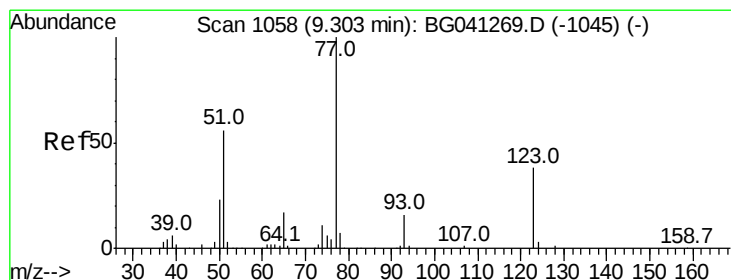
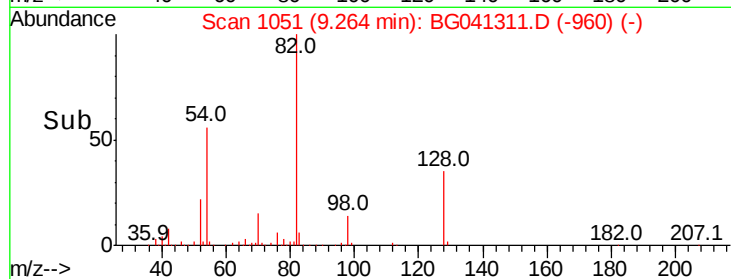
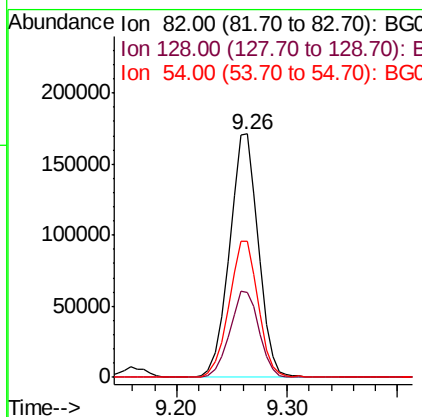
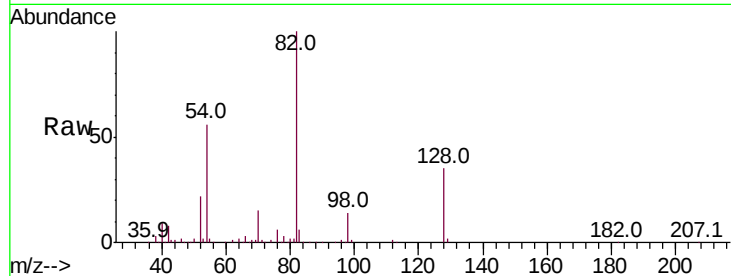
#23
Nitrobenzene-d5
Concen: 82.748 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.2	43.8
54	56.1	43.4	65.0

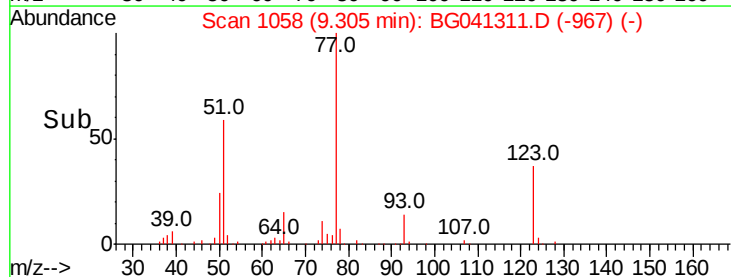
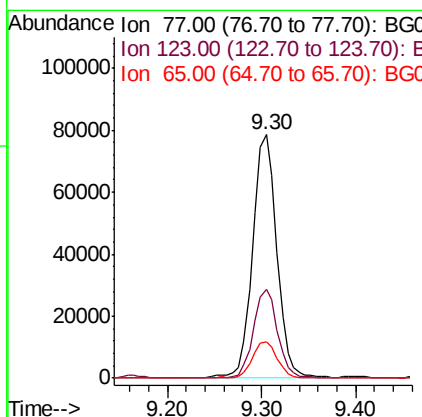
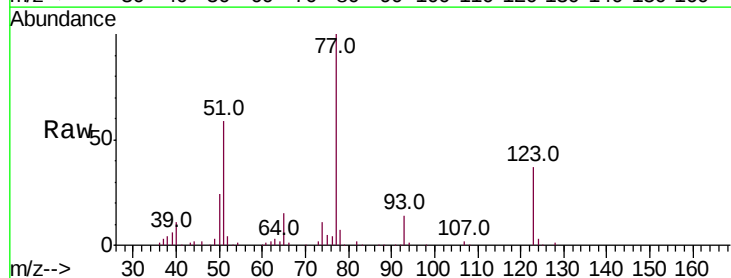
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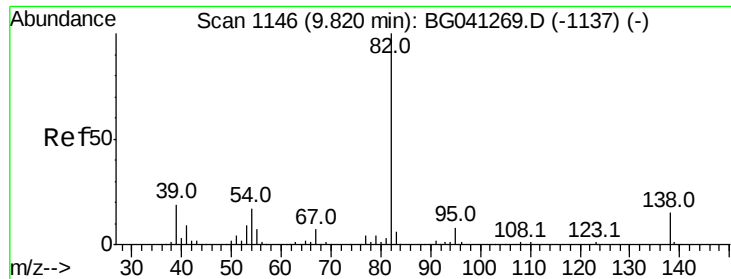
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#24
Nitrobenzene
Concen: 36.802 ng
RT: 9.30 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.7	30.4	45.6
65	14.9	13.3	19.9





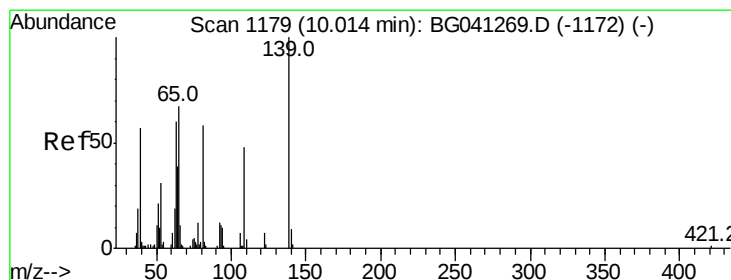
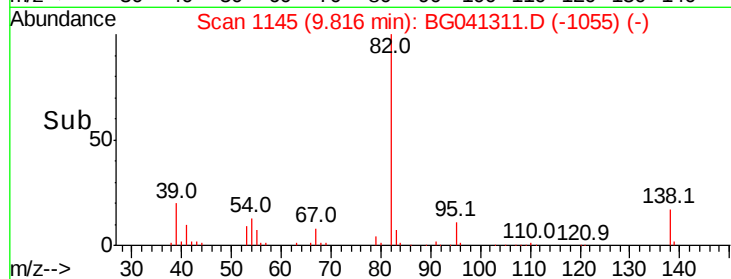
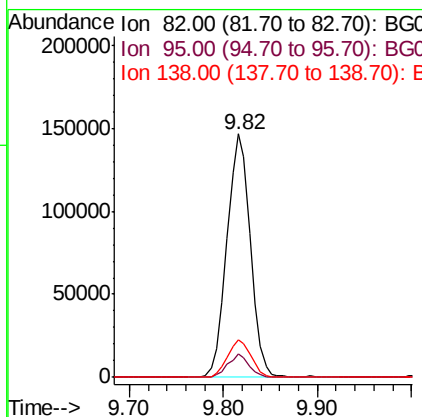
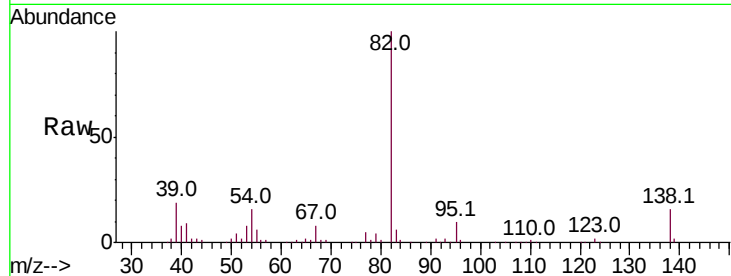
#25
Isophorone
Concen: 36.481 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	254382		
95	9.8	6.6	10.0	
138	15.5	12.3	18.5	

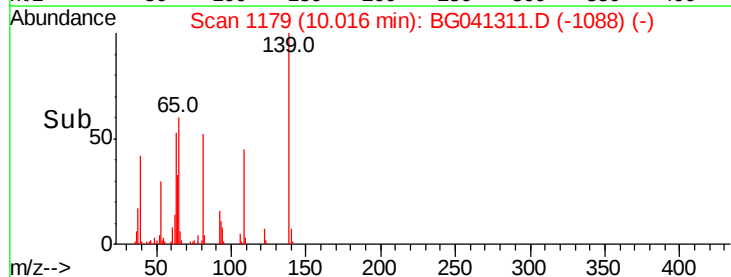
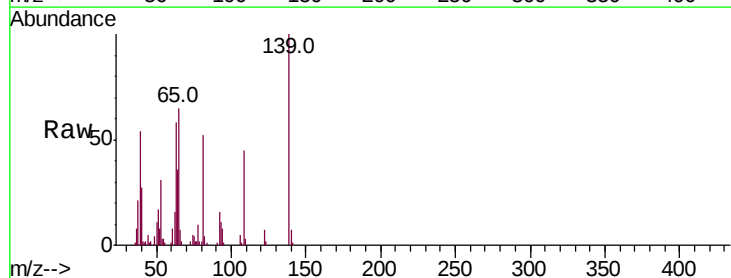
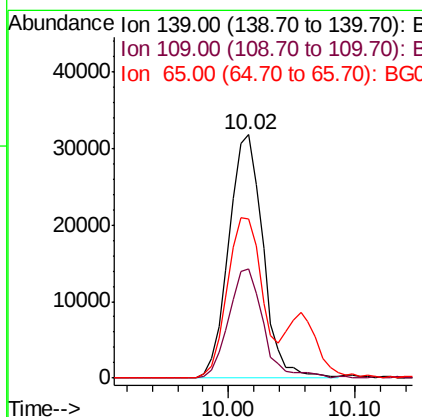
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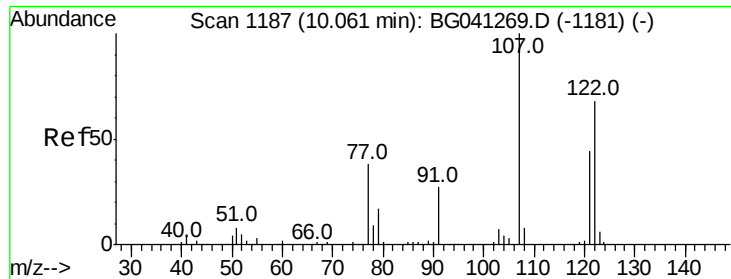
mohammad
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#26
2-Nitrophenol
Concen: 38.289 ng
RT: 10.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	59339		
109	44.6	38.4	57.6	
65	65.3	53.6	80.4	





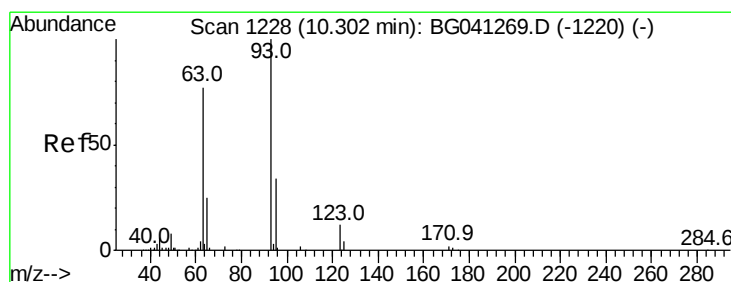
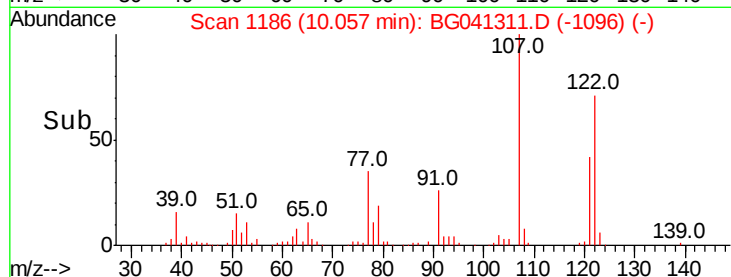
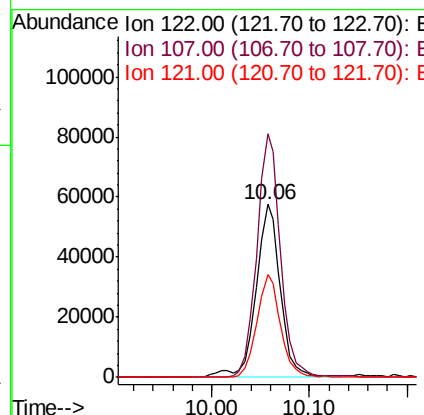
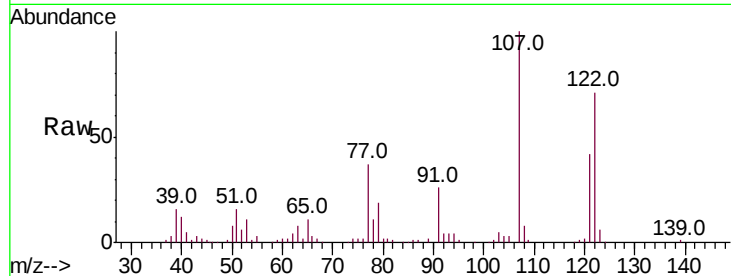
#27
 2,4-Dimethylphenol
 Concen: 43.508 ng
 RT: 10.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion:122 Resp: 101070
 Ion Ratio Lower Upper
 122 100
 107 141.0 115.1 172.7
 121 59.7 50.1 75.1

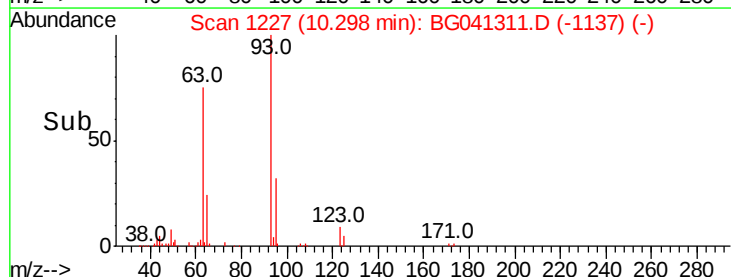
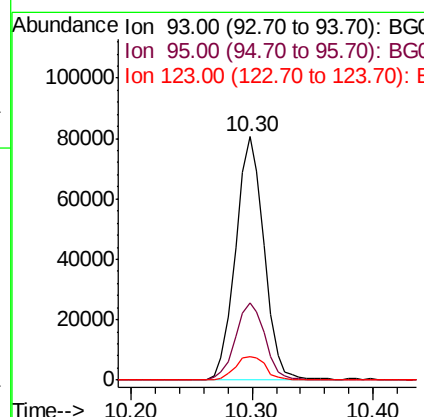
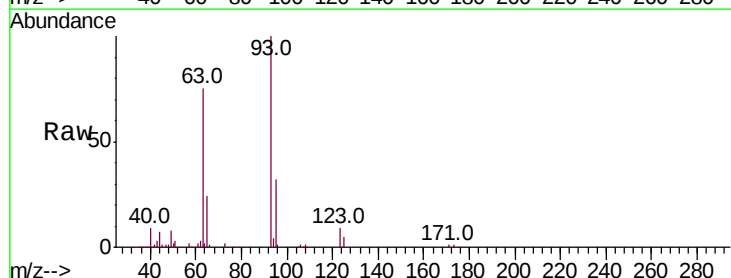
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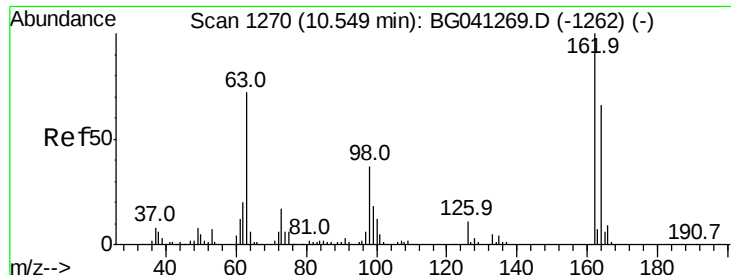
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.391 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion: 93 Resp: 132220
 Ion Ratio Lower Upper
 93 100
 95 31.7 27.3 40.9
 123 9.5 9.6 14.4#





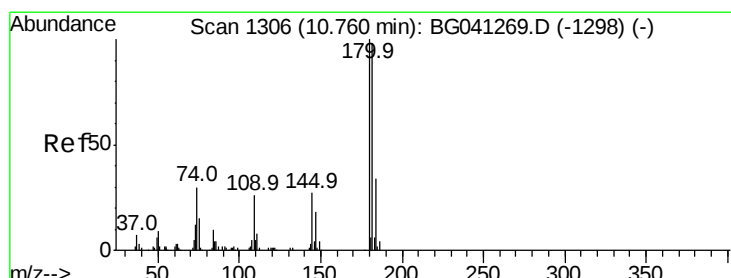
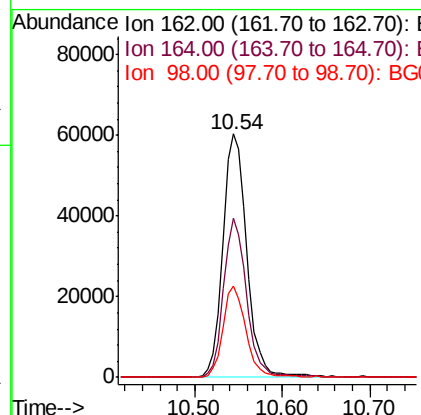
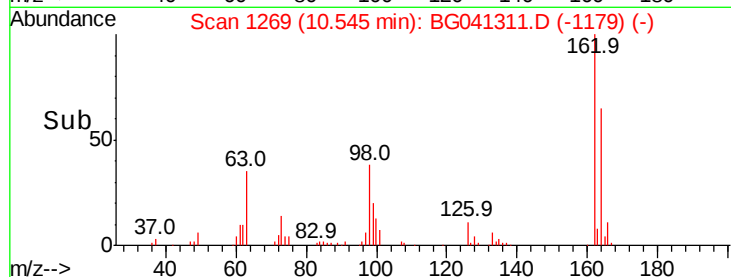
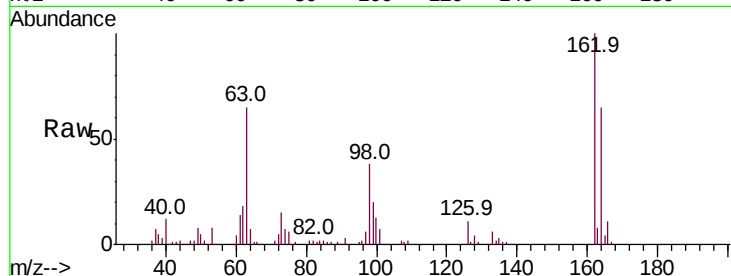
#29
 2,4-Dichlorophenol
 Concen: 39.776 ng
 RT: 10.54 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	114570		
164	65.5	46.0	86.0	
98	37.6	17.4	57.4	

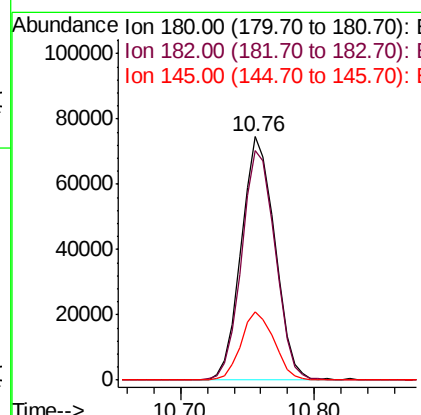
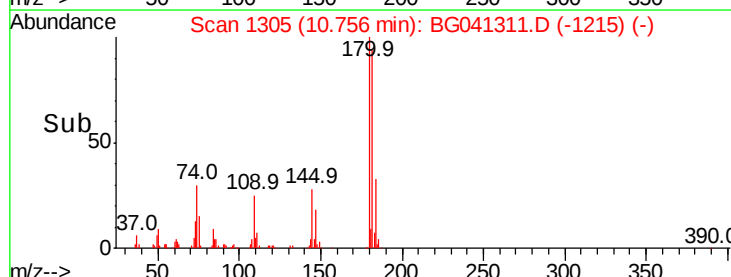
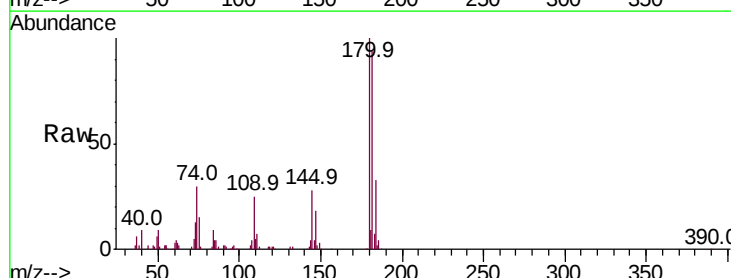
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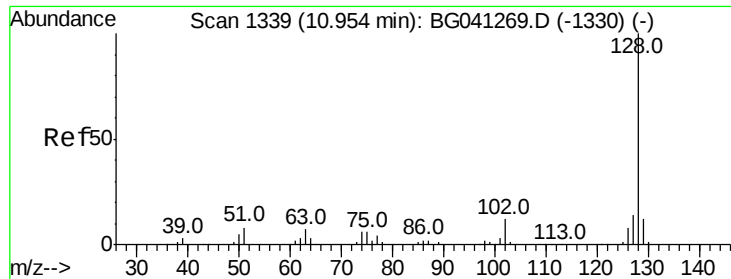
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.179 ng
 RT: 10.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129773		
182	94.0	78.6	117.8	
145	27.9	21.7	32.5	





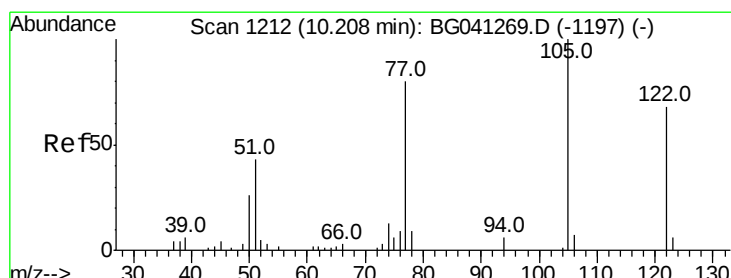
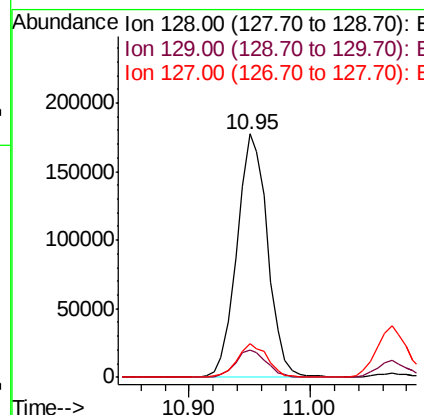
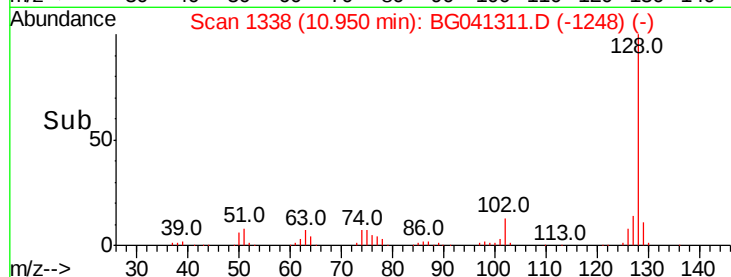
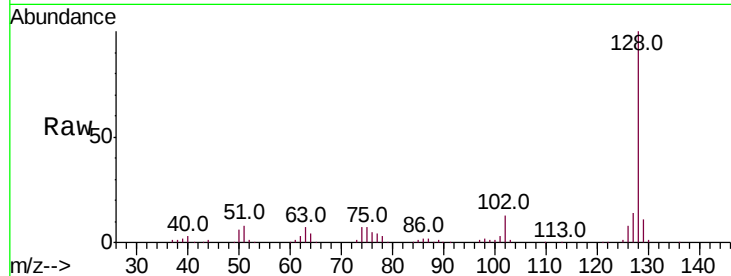
#31
Naphthalene
Concen: 36.031 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.7	11.2	16.8

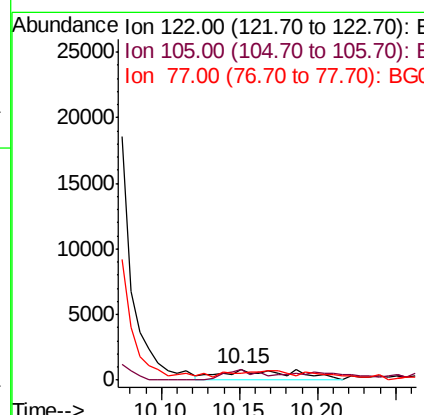
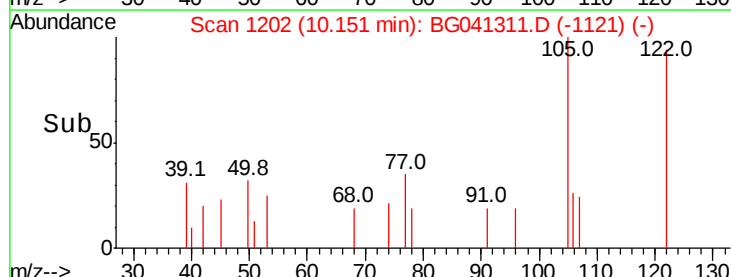
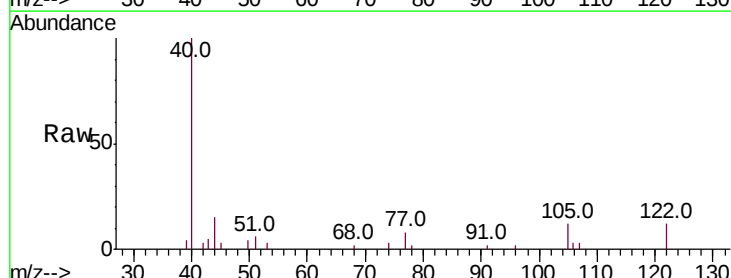
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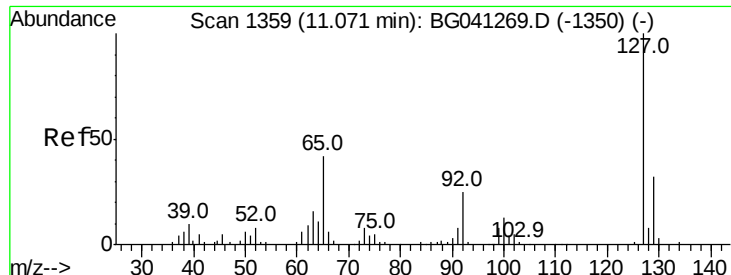
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#32
Benzoic acid
Concen: 1.745 ng m
RT: 10.15 min Scan# 1202
Delta R.T. -0.06 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.9	124.2	164.2#
77	68.3	97.2	137.2#





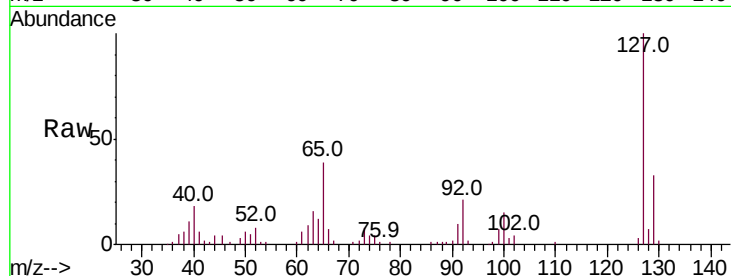
#33
4-Chloroaniline
Concen: 18.789 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.8
65	39.1	33.8	50.8
92	21.4	20.2	30.4

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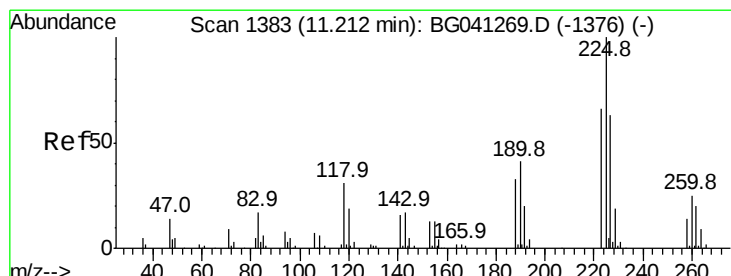
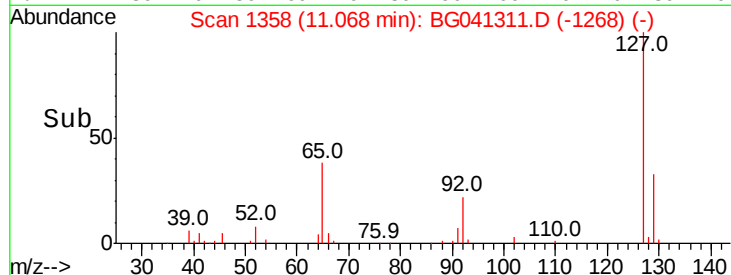
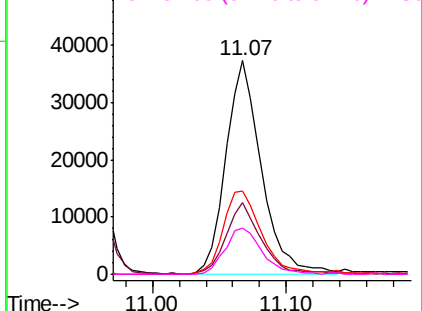
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

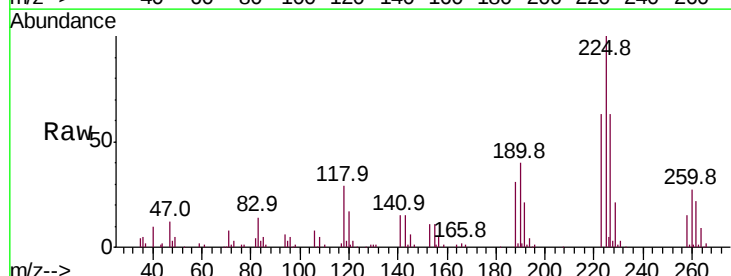
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.154 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.5	78.7
227	65.8	50.2	75.2

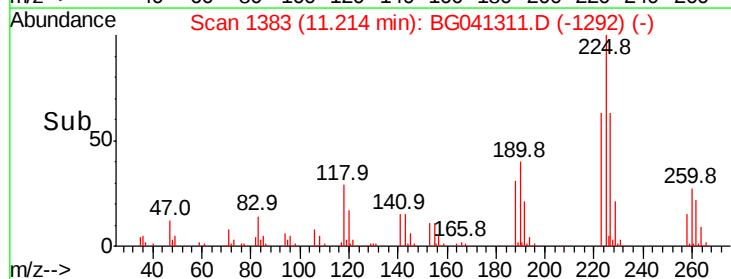
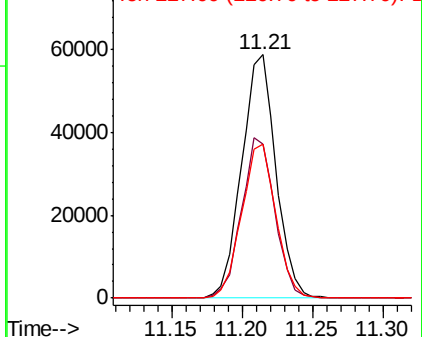


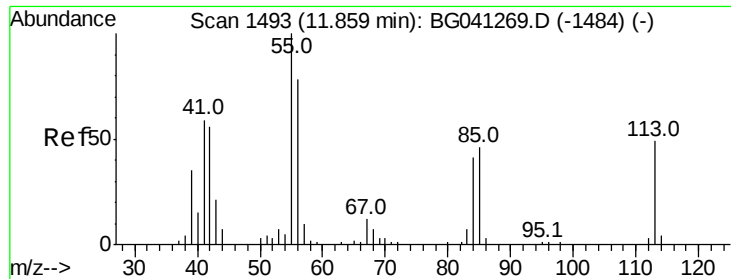
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.017 ng/mL

RT: 11.85 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampled :

TP-AMS

Tot Ion:113 Resp: 29765

Ion Ratio Lower Upper

113 100

55 177.9 182.6 222.6#

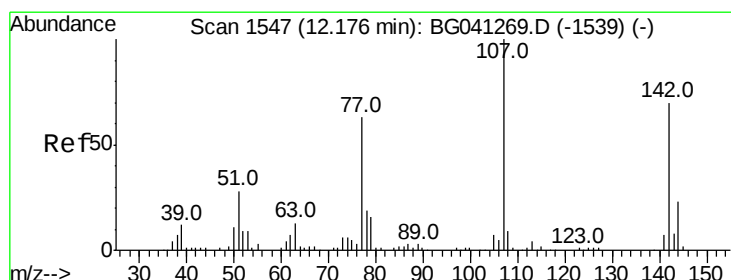
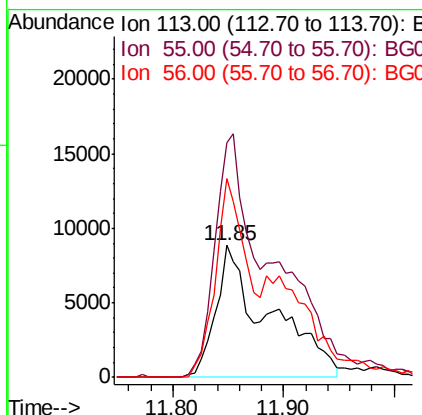
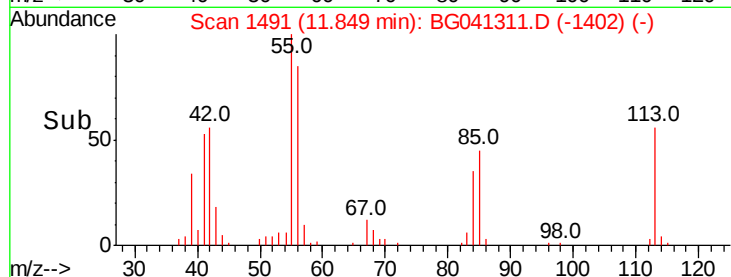
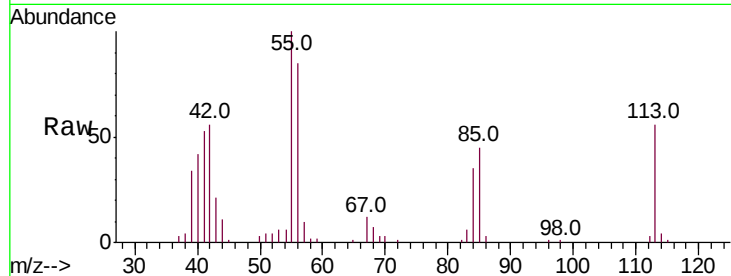
56 151.0 137.5 177.5

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#36

4-Chloro-3-methylphenol

Concen: 38.213 ng/mL

RT: 12.18 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

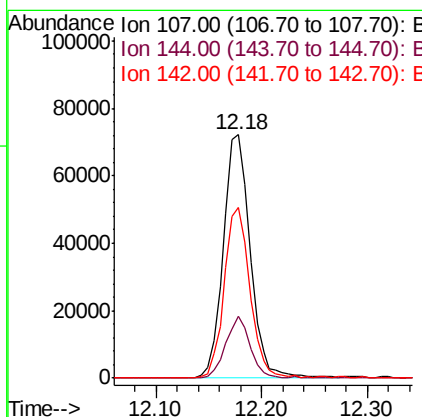
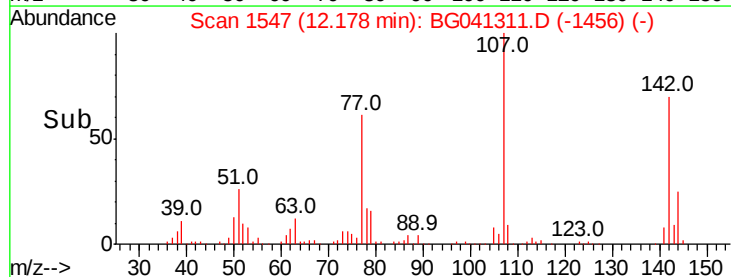
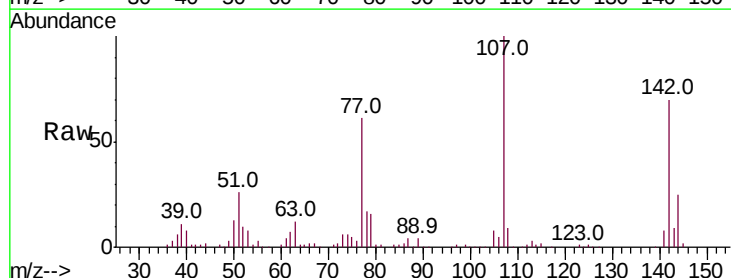
Tgt Ion:107 Resp: 127134

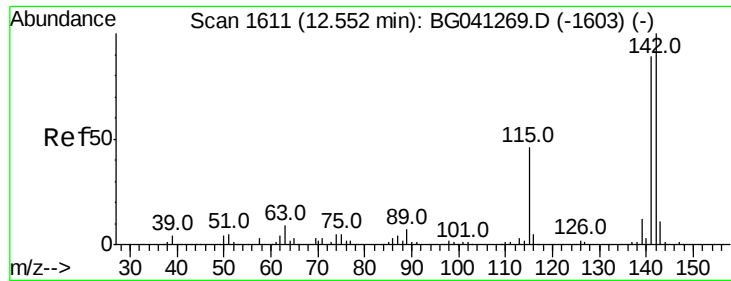
Ion Ratio Lower Upper

107 100

144 25.4 18.5 27.7

142 69.9 56.3 84.5





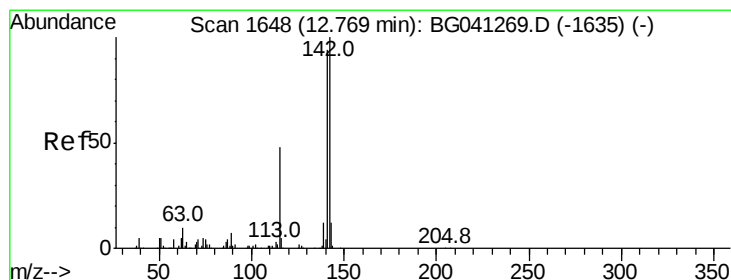
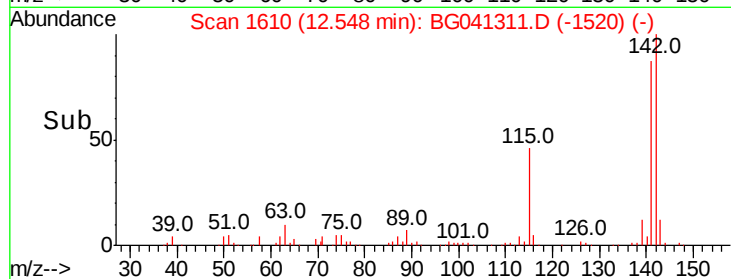
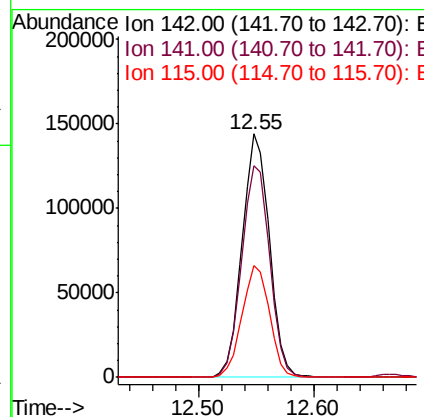
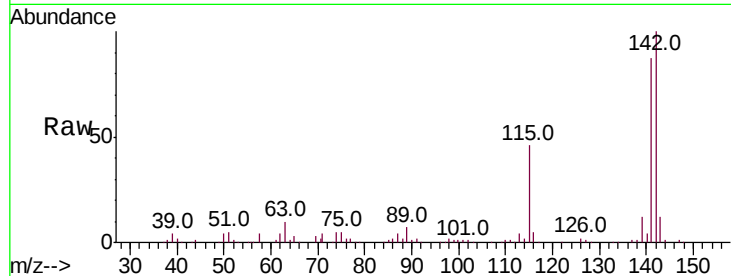
#37
 2-Methylnaphthalene
 Concen: 36.843 ng
 RT: 12.55 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.5	107.3
115	45.7	37.0	55.6

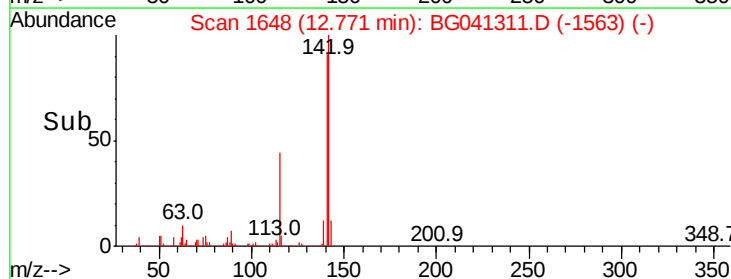
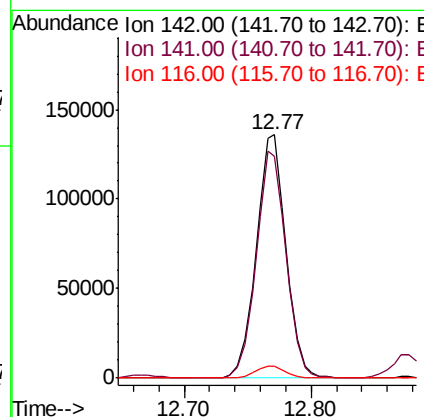
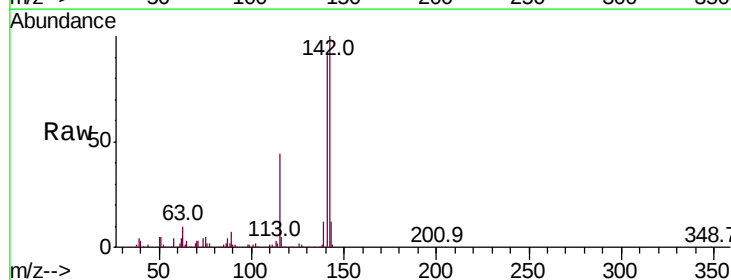
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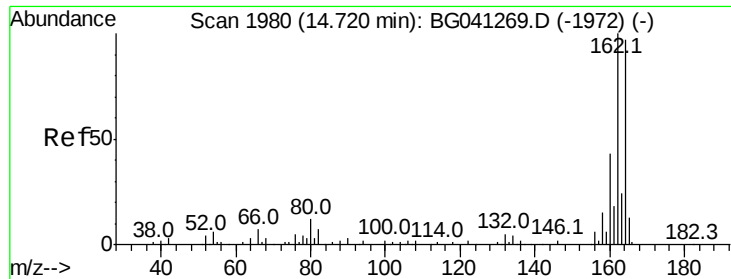
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#38
 1-Methylnaphthalene
 Concen: 36.112 ng
 RT: 12.77 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.0	112.6
116	4.7	4.2	6.2





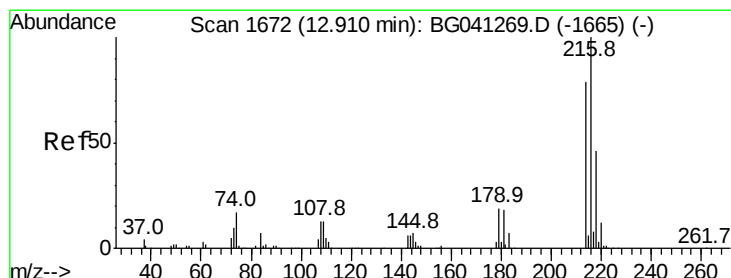
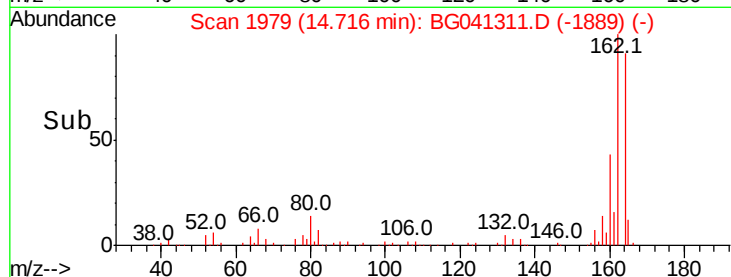
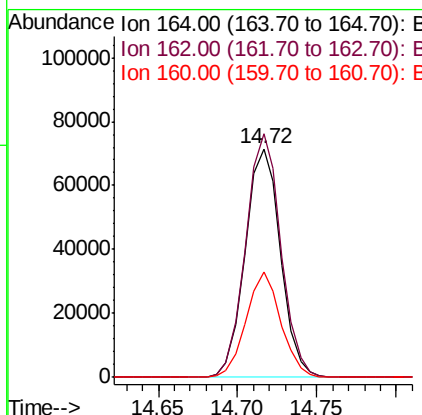
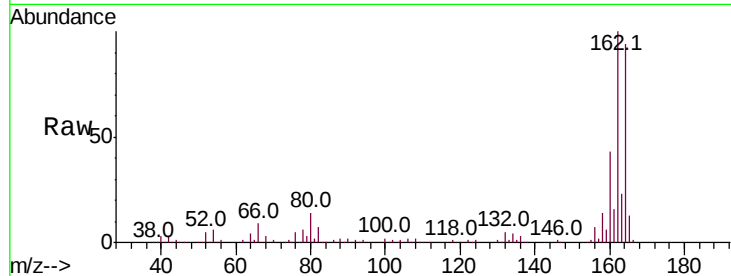
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.8	124.2
160	46.1	35.8	53.8

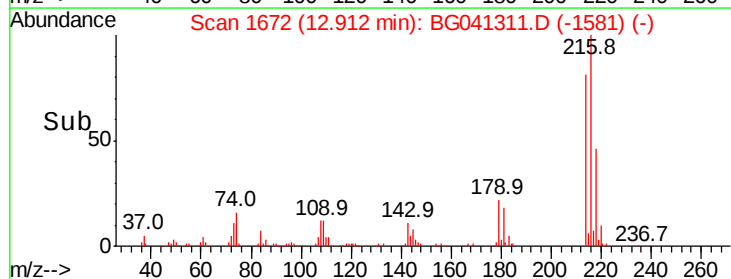
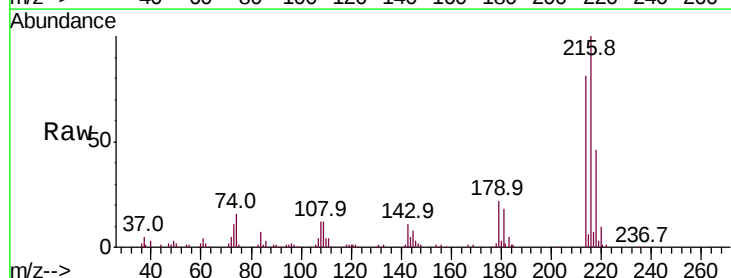
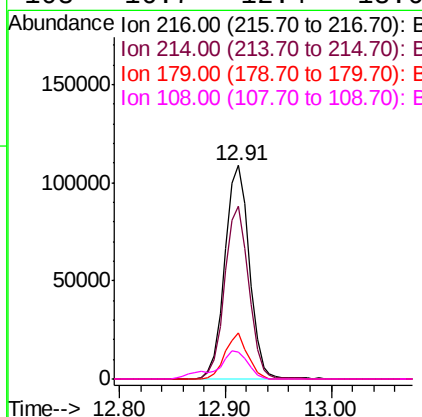
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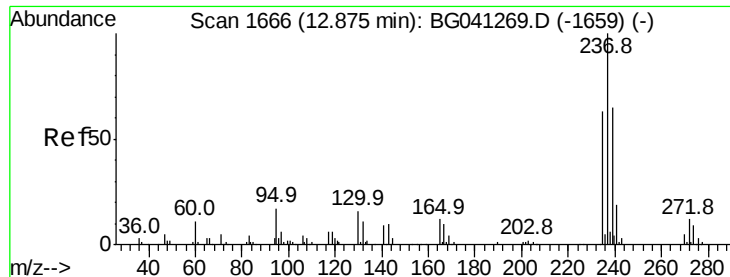
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.277 ng
RT: 12.91 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
179	19.7	15.2	22.8
108	16.7	12.4	18.6





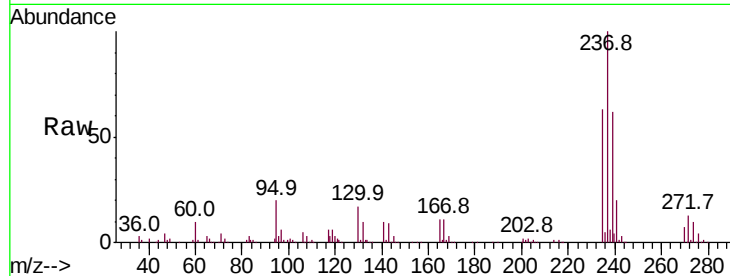
#41
Hexachlorocyclopentadiene
Concen: 67.982 ng
RT: 12.88 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

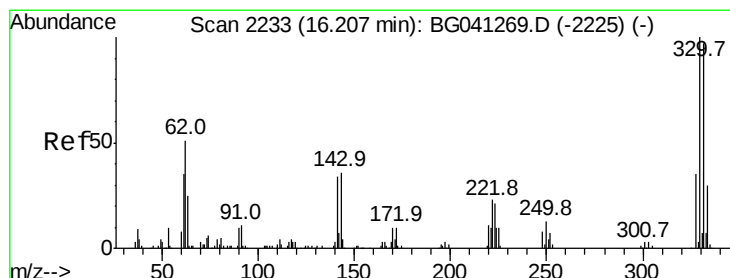
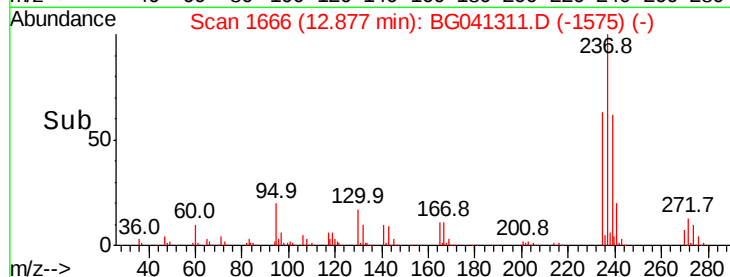
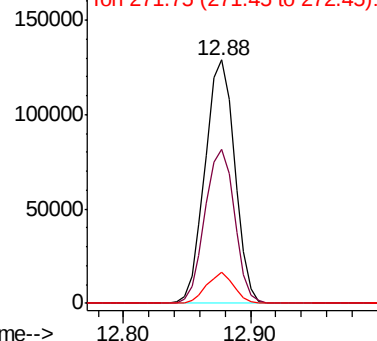
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	42.9	82.9
272	12.8	0.0	32.0

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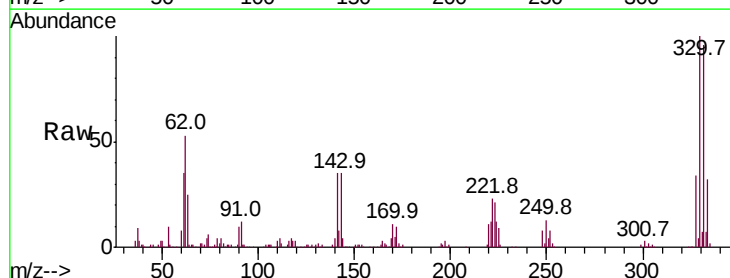


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

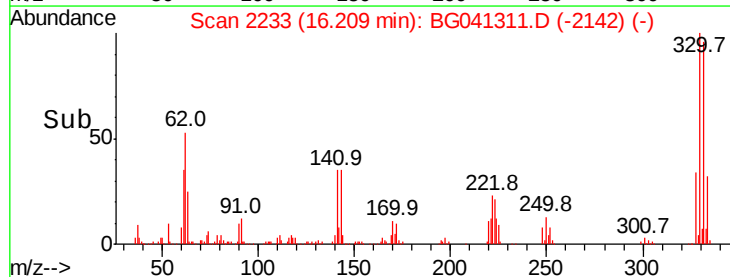
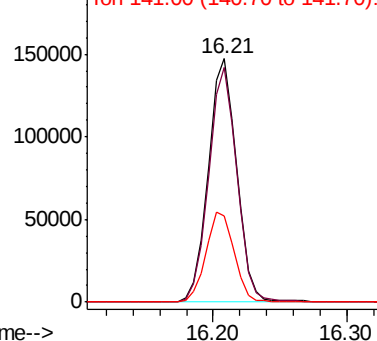


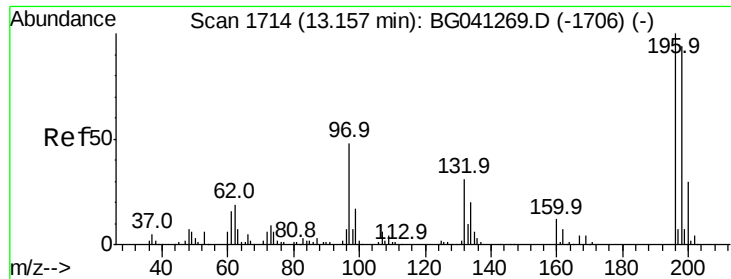
#42
2,4,6-Tribromophenol
Concen: 128.368 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	75.5	113.3
141	37.0	29.0	43.4



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





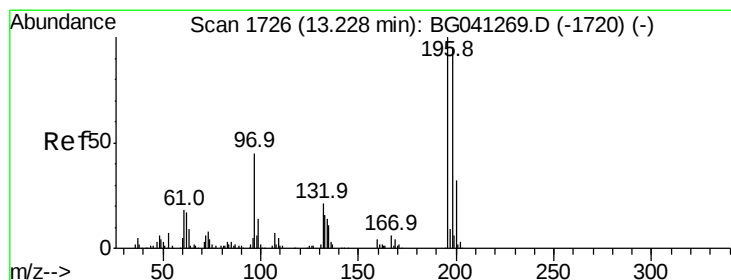
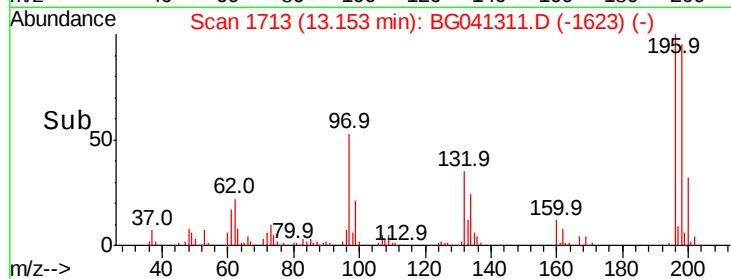
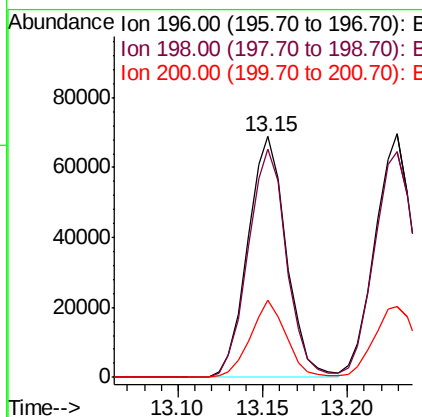
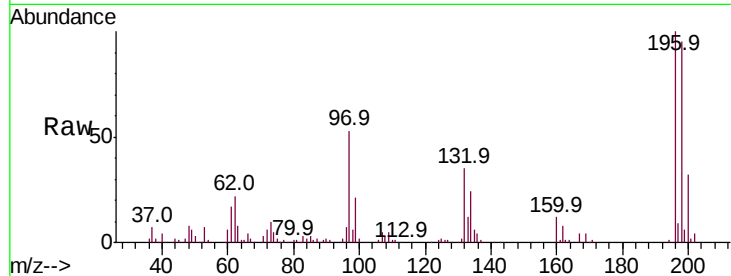
#43
 2,4,6-Trichlorophenol
 Concen: 38.765 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	109322		
198	94.8	74.9	112.3	
200	32.2	24.2	36.2	

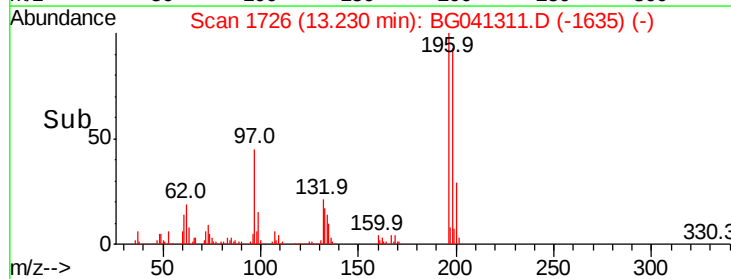
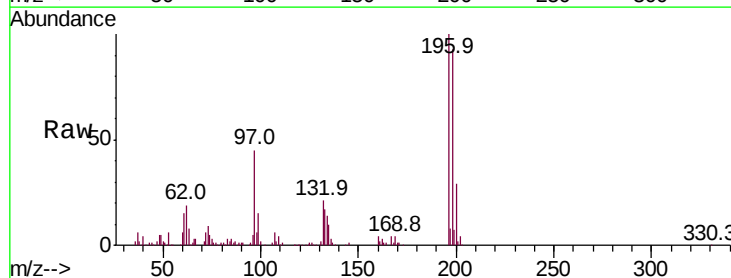
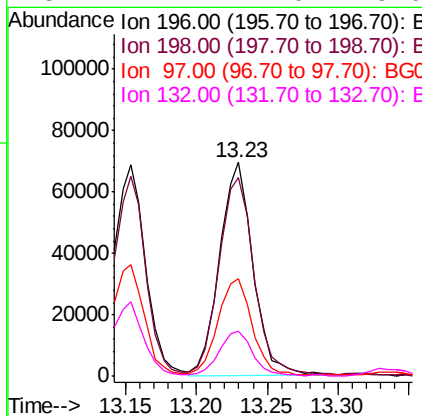
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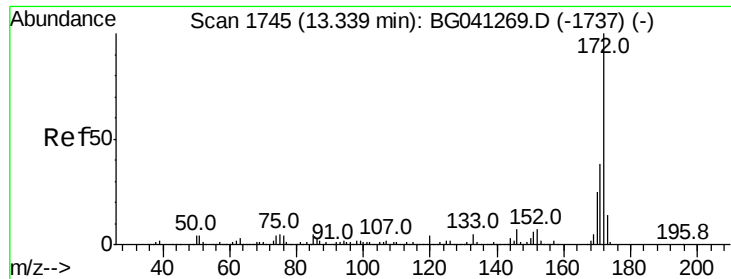
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.240 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113866		
198	93.0	76.1	114.1	
97	45.3	35.9	53.9	
132	21.2	17.0	25.6	





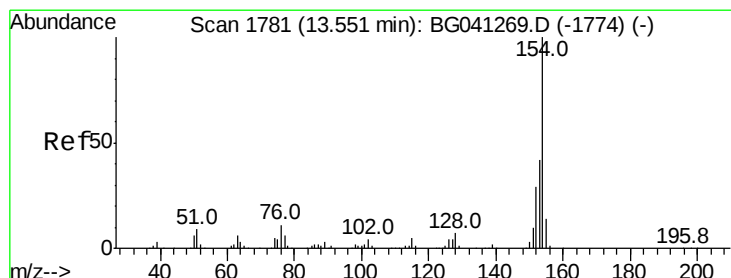
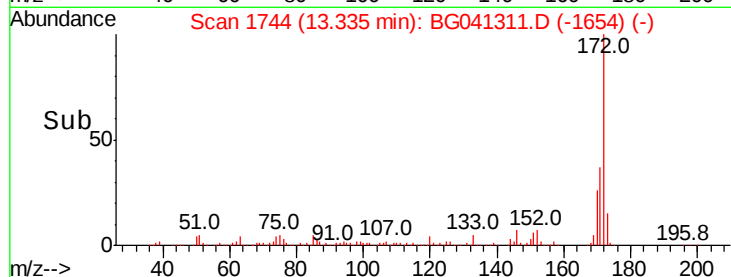
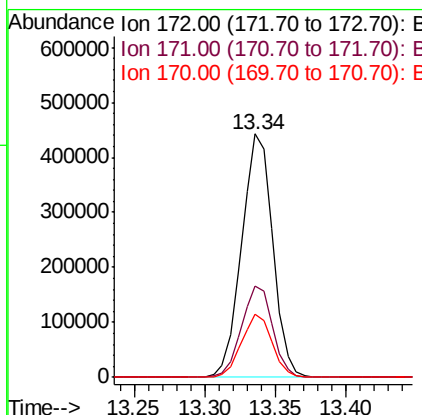
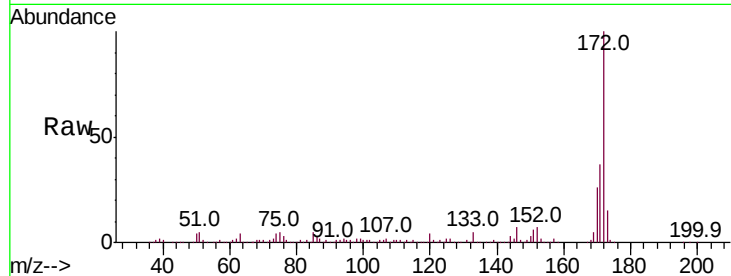
#45
 2-Fluorobiphenyl
 Concen: 83.976 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	25.8	19.8	29.6

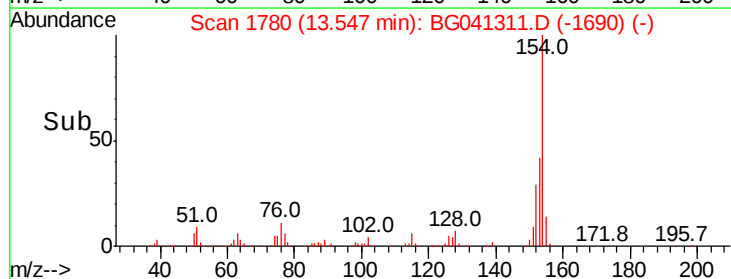
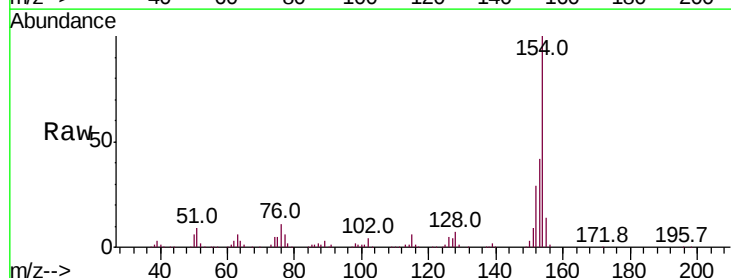
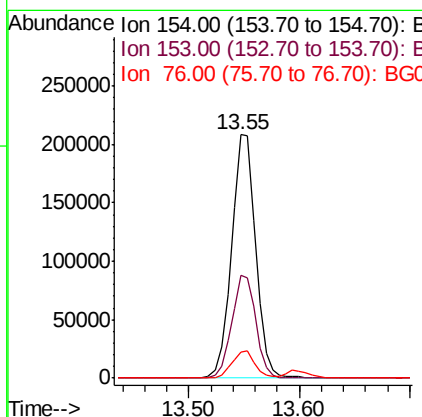
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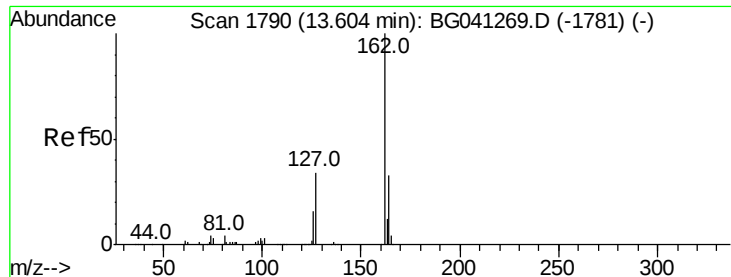
mohammad
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#46
 1,1'-Biphenyl
 Concen: 38.126 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.3	62.3
76	10.8	0.0	30.8





#47

2-Chloronaphthalene

Concen: 36.491 ng

RT: 13.60 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

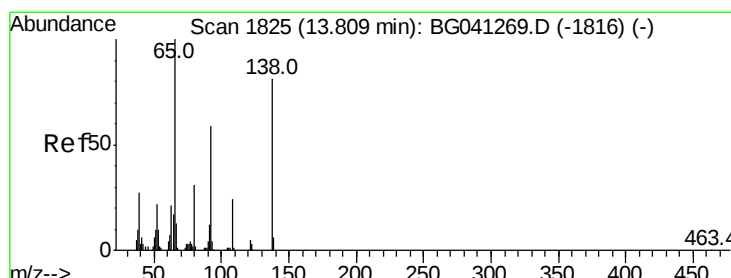
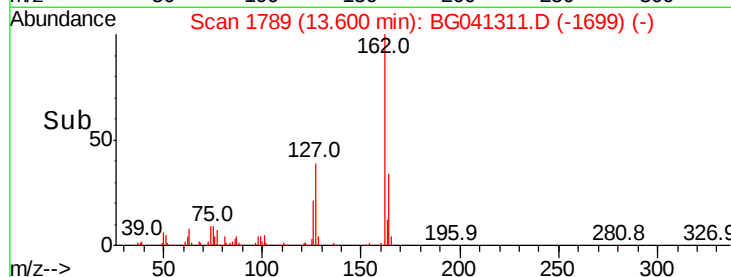
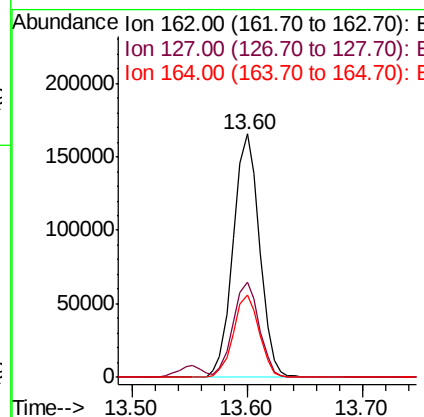
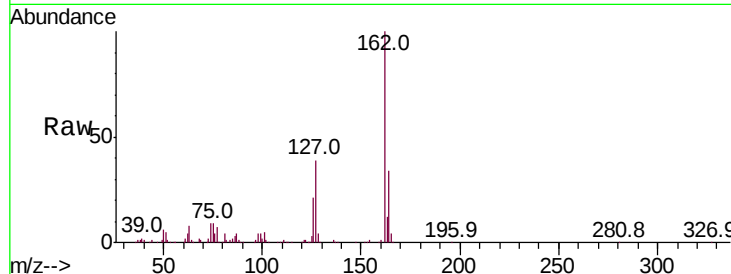
ClientSampleId :

TP-AMS

Tot Ion:	162	Resp:	262217
Ion Ratio	Lower	Upper	
162	100		
127	38.9	31.0	46.4
164	33.9	26.1	39.1

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#48

2-Nitroaniline

Concen: 35.289 ng

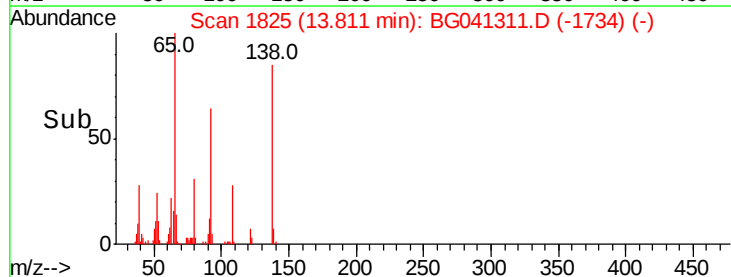
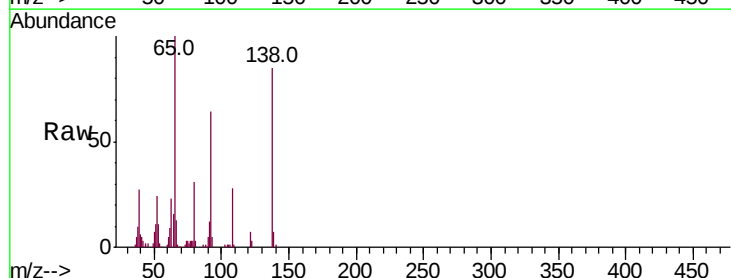
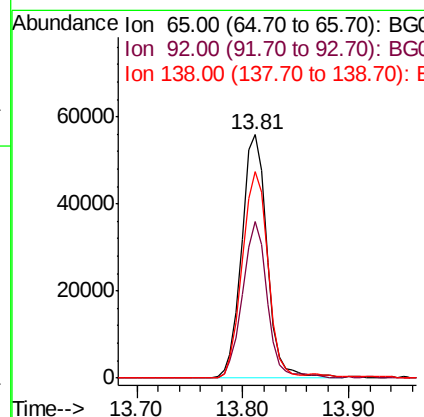
RT: 13.81 min Scan# 1825

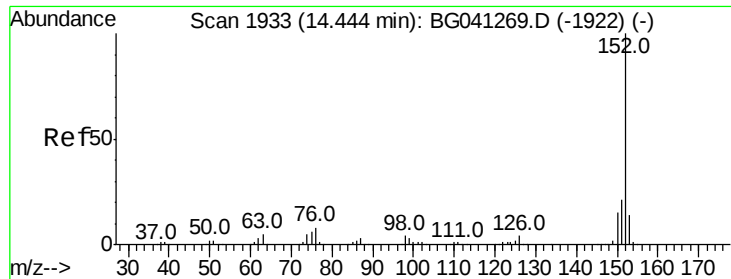
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	65	Resp:	92869
Ion Ratio	Lower	Upper	
65	100		
92	64.1	47.4	71.2
138	85.0	64.7	97.1





#49

Acenaphthylene

Concen: 37.657 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

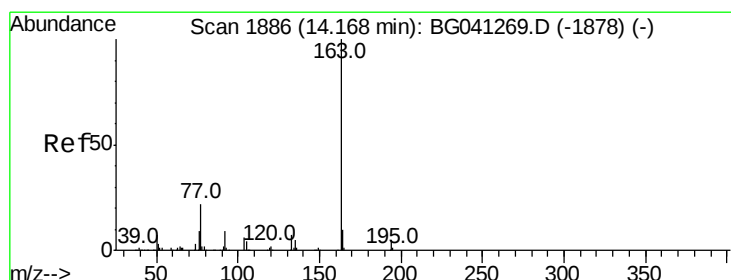
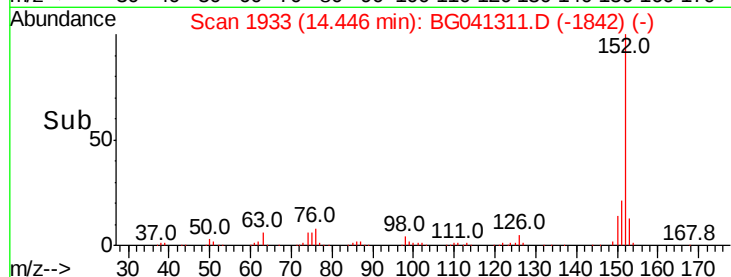
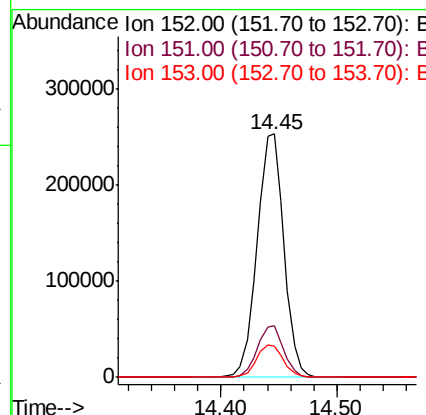
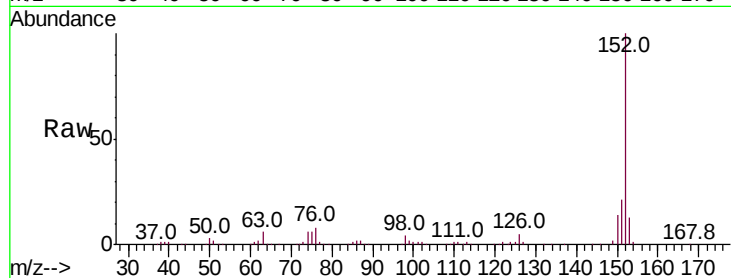
ClientSampleId :

TP-AMS

Tot Ion:	152	Resp:	410611
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	12.9	10.8	16.2

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#50

Dimethylphthalate

Concen: 41.941 ng

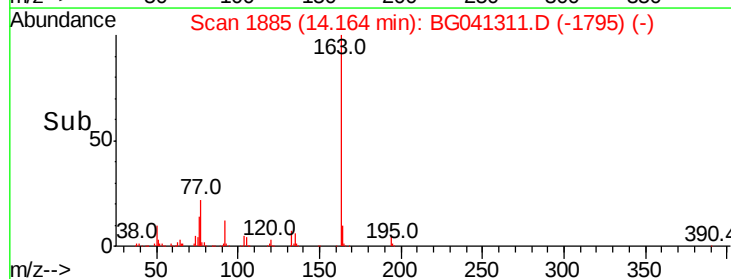
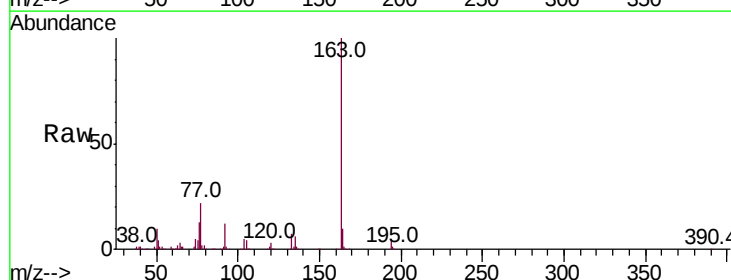
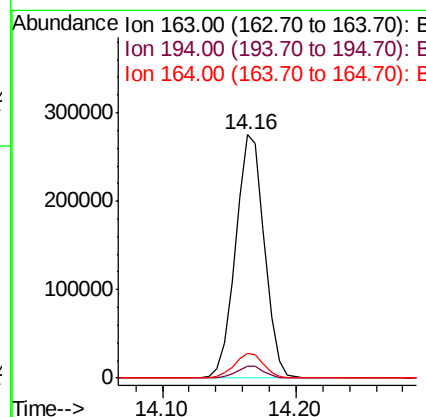
RT: 14.16 min Scan# 1885

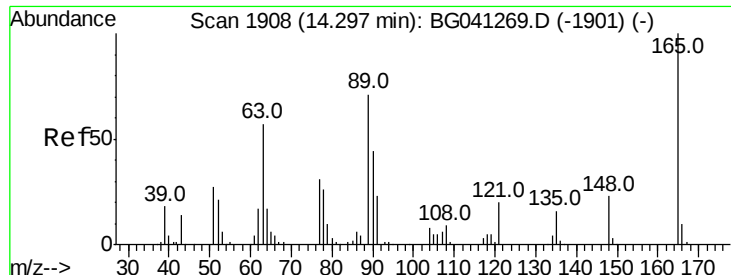
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	163	Resp:	411994
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.9	5.9
164	10.3	8.3	12.5





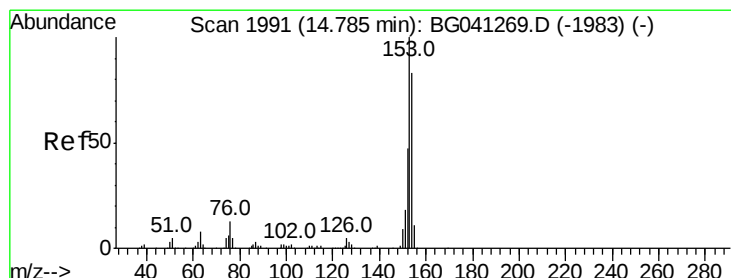
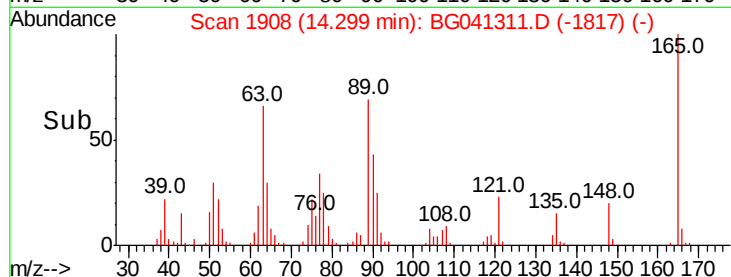
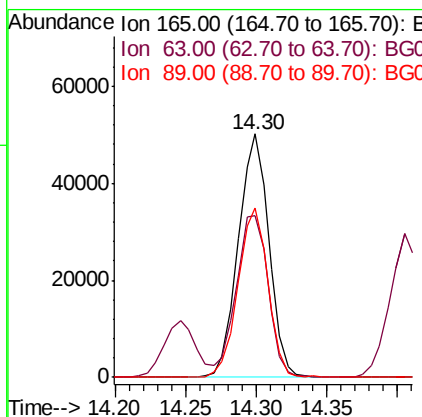
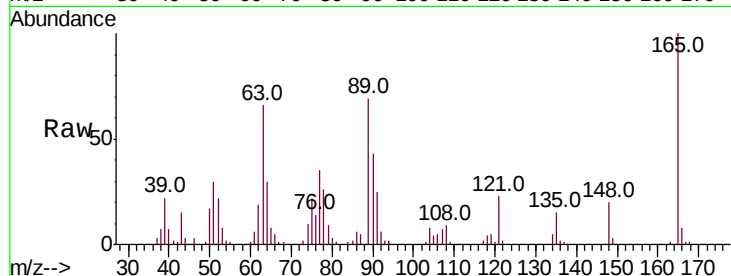
#51
 2,6-Dinitrotoluene
 Concen: 36.706 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	76028		
63	66.4		55.4	83.0
89	69.4		56.5	84.7

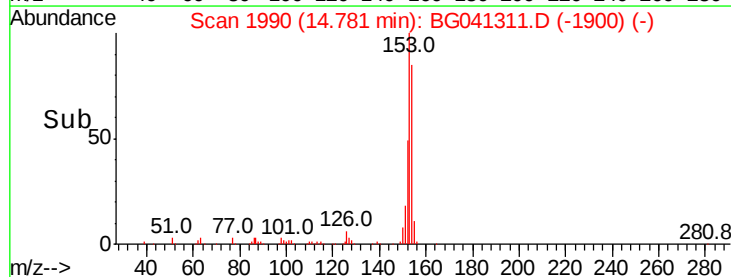
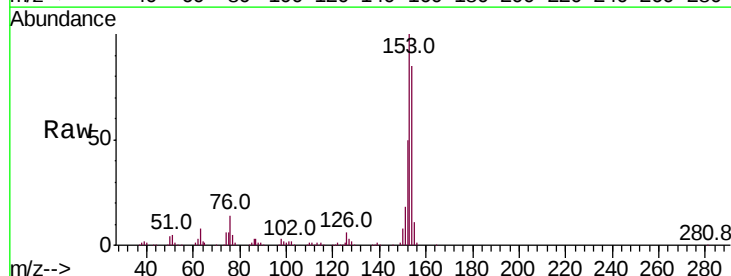
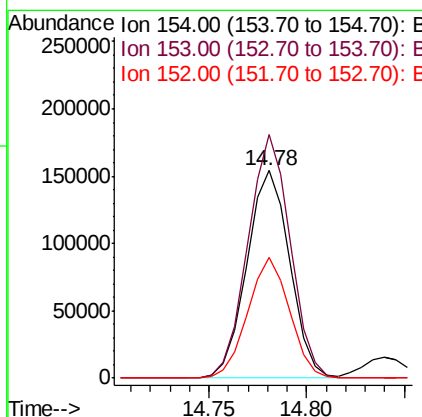
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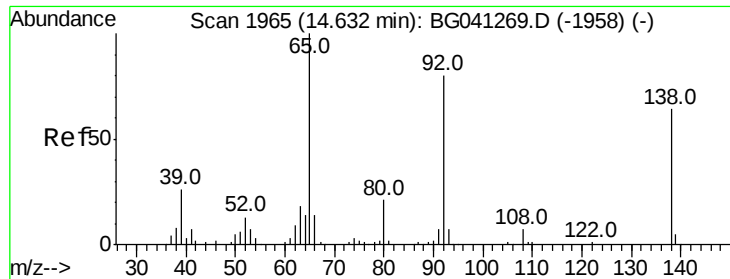
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#52
 Acenaphthene
 Concen: 36.670 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	234799		
153	117.3		96.6	145.0
152	58.3		45.5	68.3





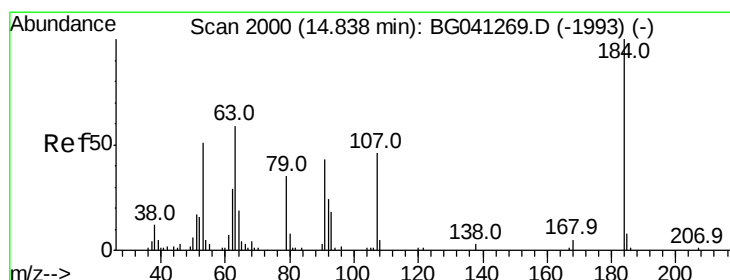
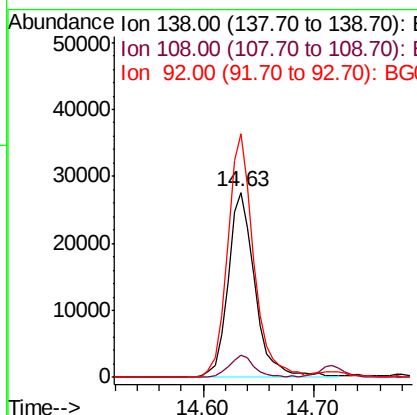
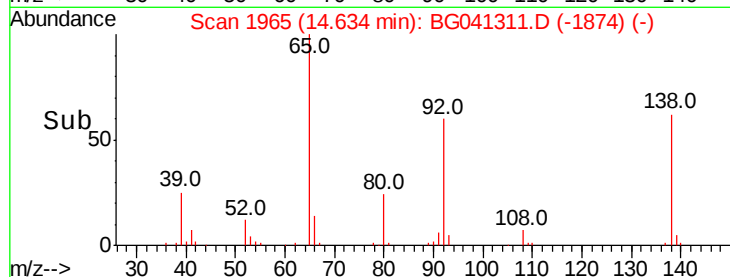
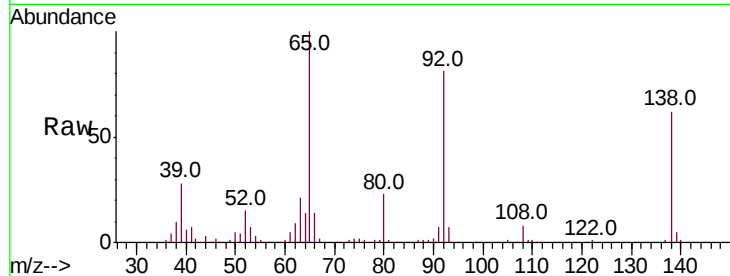
#53
3-Nitroaniline
Concen: 23.041 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.3	12.5
92	131.6	100.2	150.4

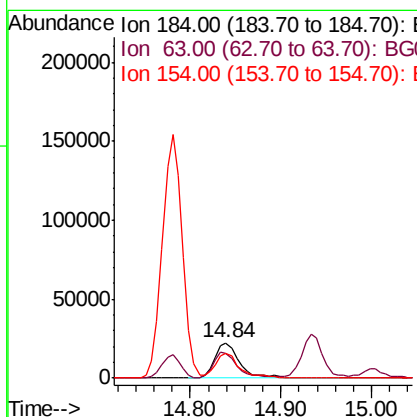
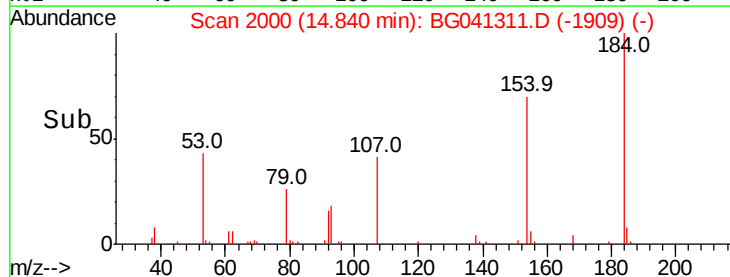
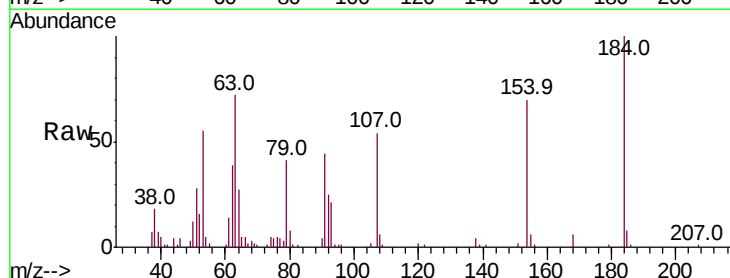
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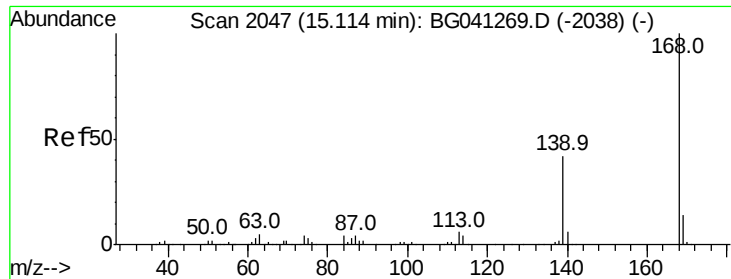
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#54
2,4-Dinitrophenol
Concen: 31.923 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.5	60.0	90.0
154	69.6	58.3	87.5





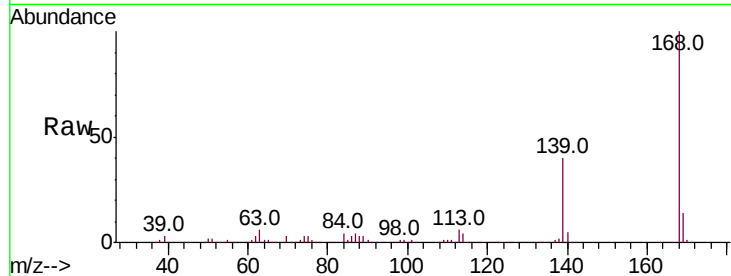
#55
Dibenzenofuran
Concen: 37.135 ng
RT: 15.12 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	33.6	50.4
169	13.6	10.8	16.2

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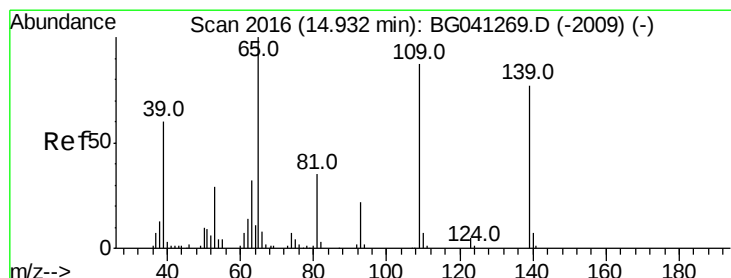
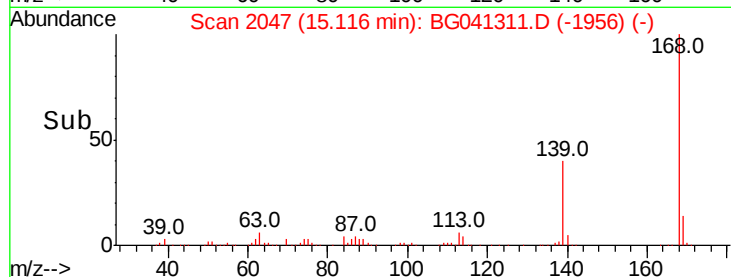
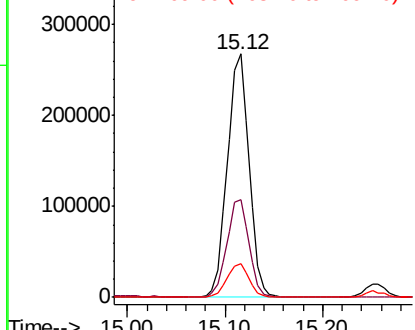


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.014 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

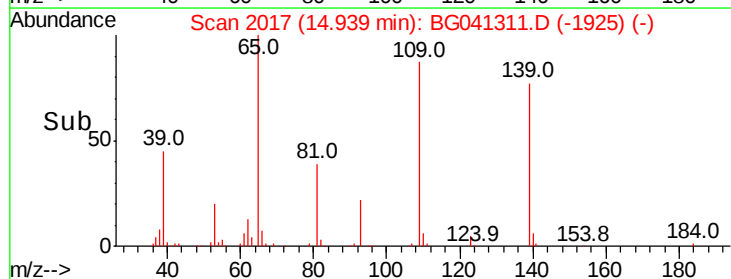
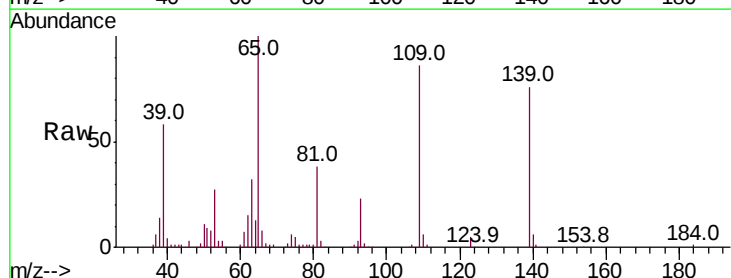
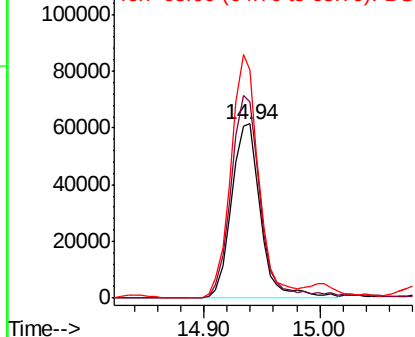
Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.6	93.2	133.2
65	131.2	110.2	150.2

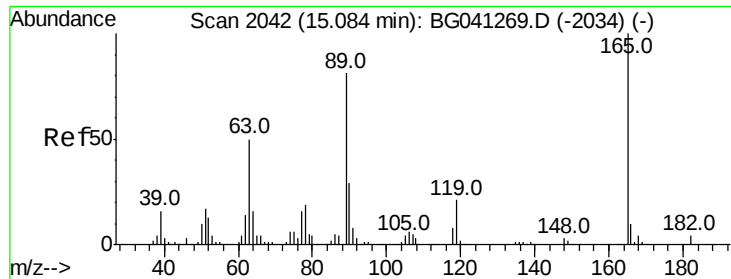
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





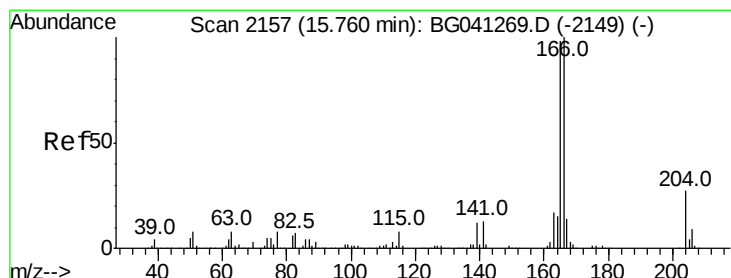
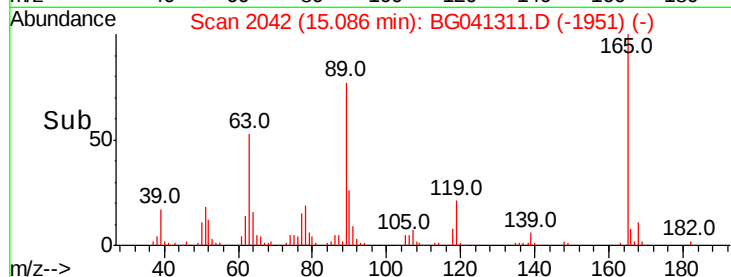
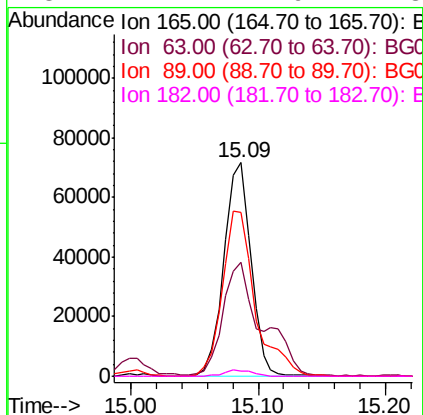
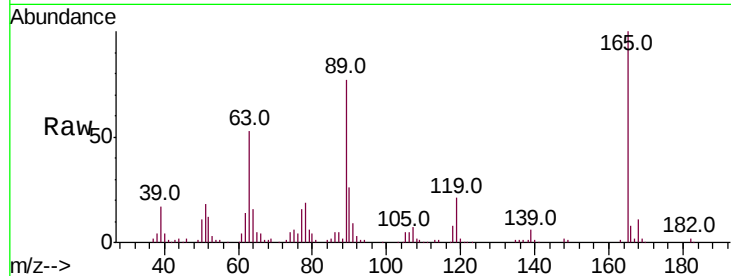
#57
2,4-Dinitrotoluene
Concen: 34.996 ng
RT: 15.09 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	53.2	40.0	60.0
89	76.7	64.6	96.8
182	2.4	2.9	4.3

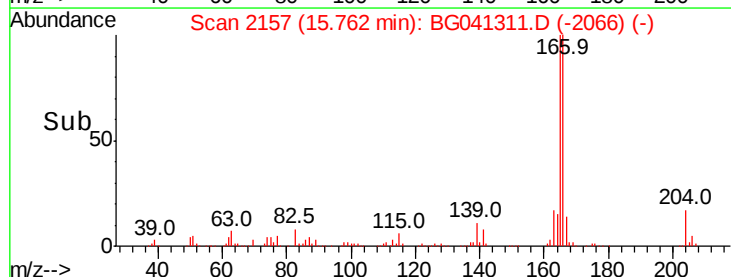
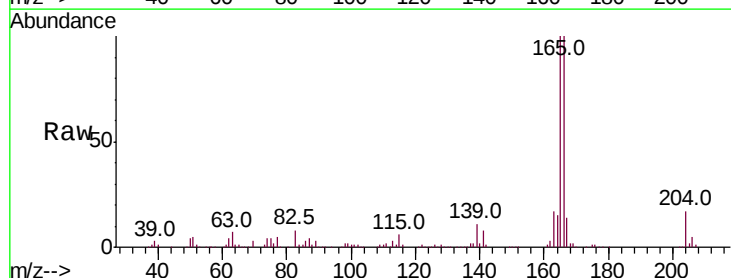
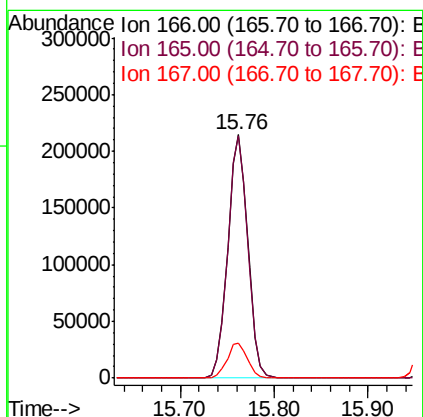
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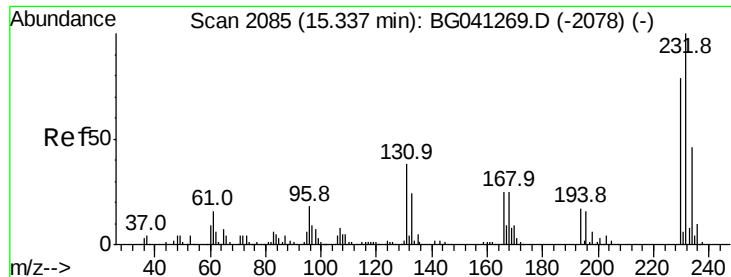
mohammad
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#58
Fluorene
Concen: 36.667 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.7	78.8	118.2
167	14.5	11.3	16.9





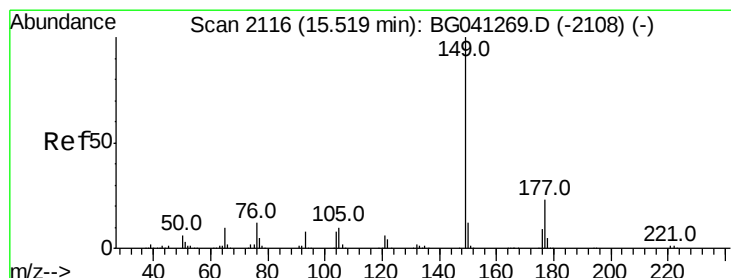
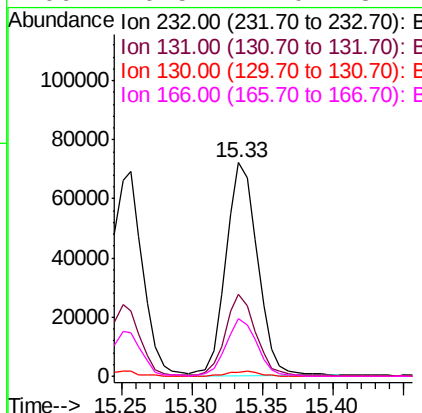
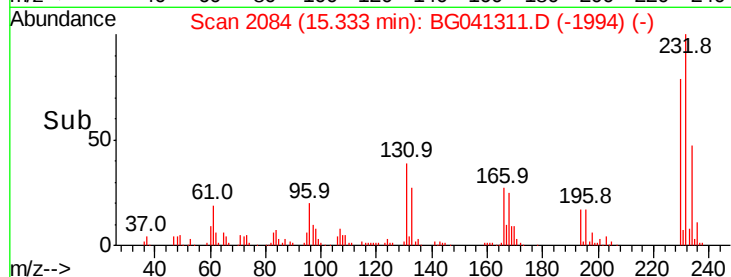
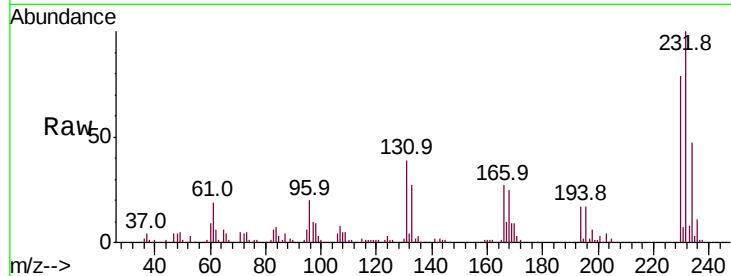
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.454 ng
RT: 15.33 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	112390		
131	37.9	29.0	43.6	
130	2.4	1.6	2.4	
166	26.5	21.0	31.4	

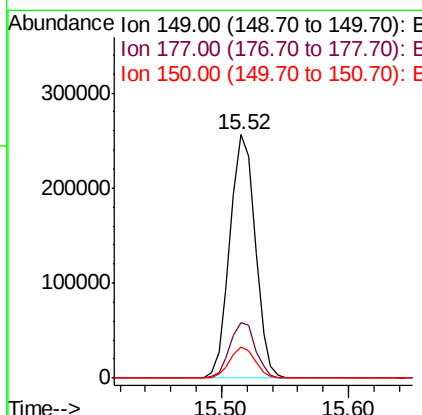
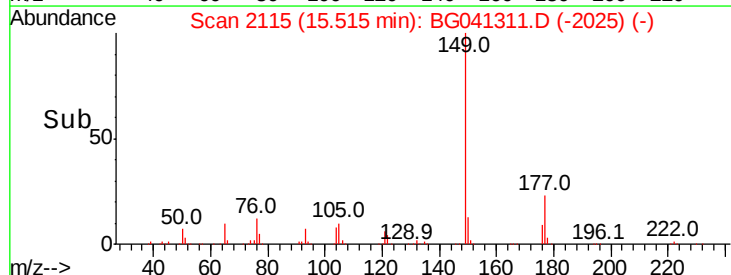
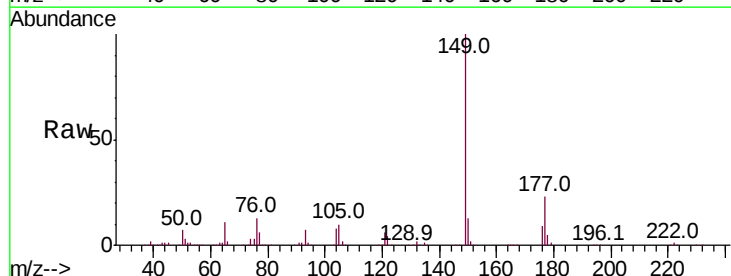
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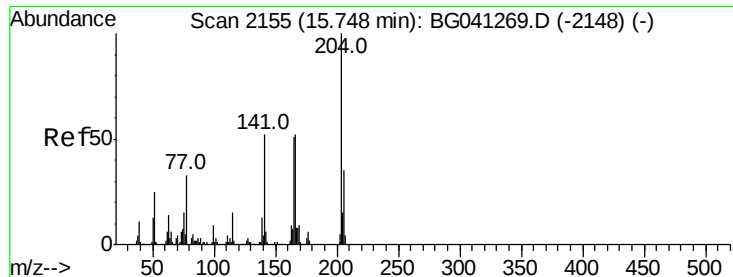
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#60
Diethylphthalate
Concen: 35.373 ng
RT: 15.52 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	353175		
177	22.9	18.4	27.6	
150	12.9	9.9	14.9	





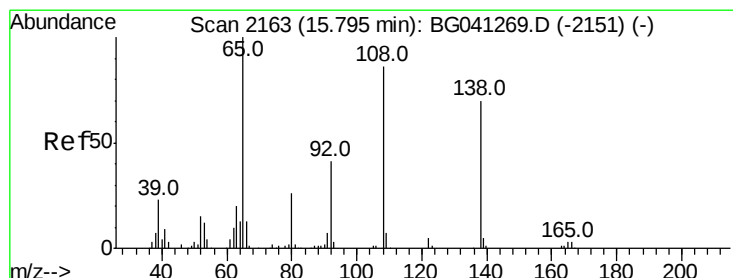
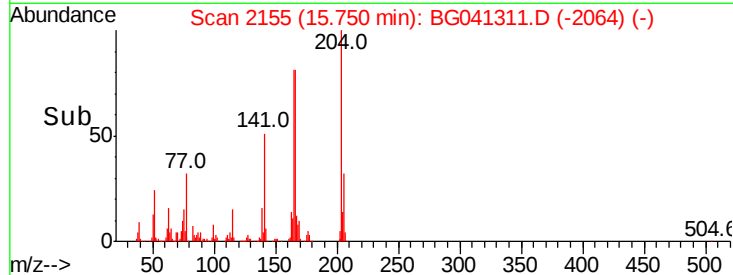
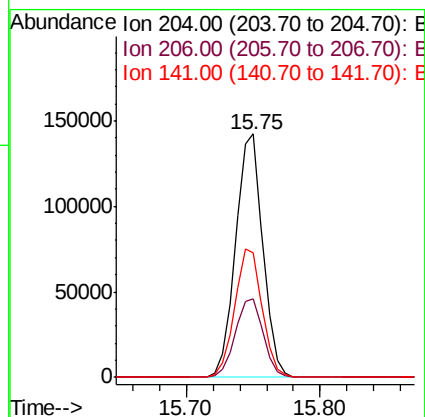
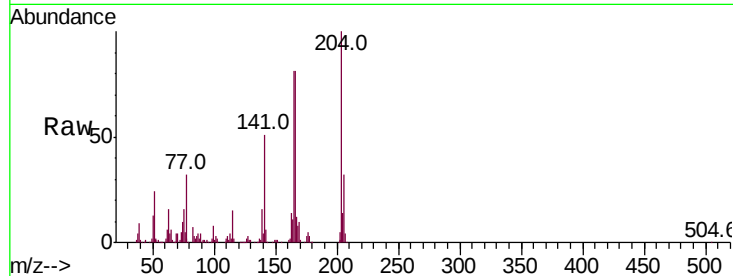
#61
4-Chlorophenyl-phenylether
Concen: 35.416 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	27.9	41.9
141	51.0	41.4	62.0

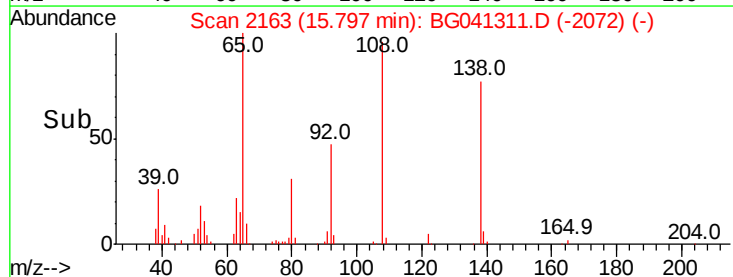
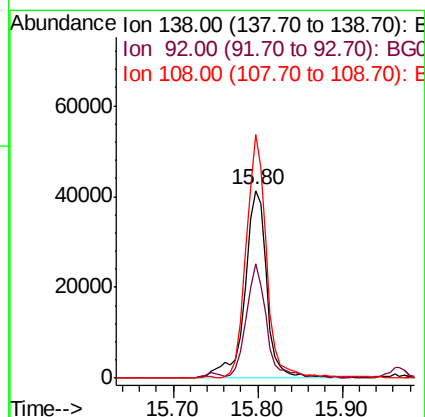
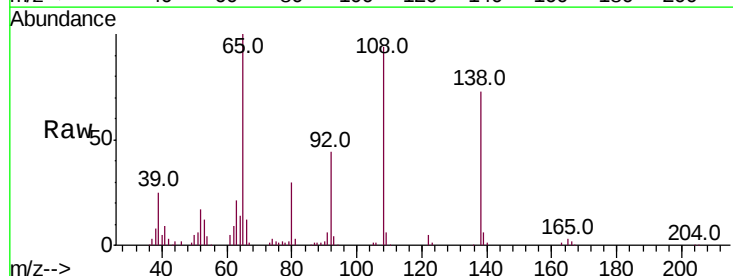
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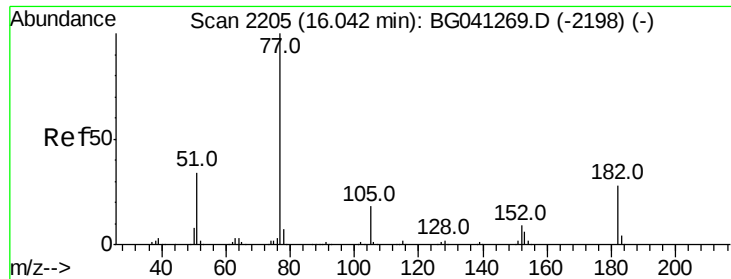
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#62
4-Nitroaniline
Concen: 34.024 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	38.8	78.8
108	129.6	103.4	143.4





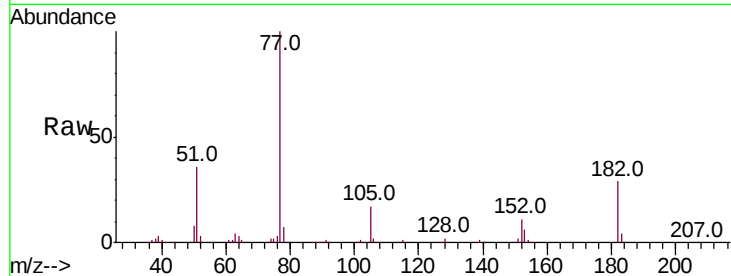
#63
Azobenzene
Concen: 36.529 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

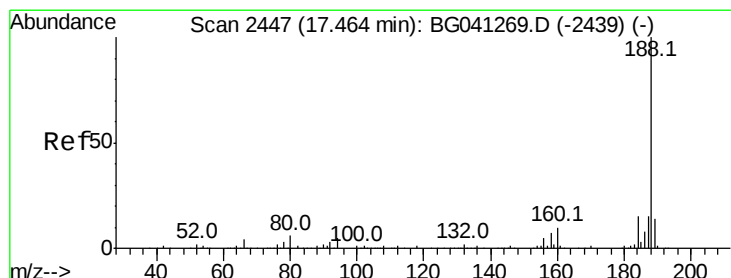
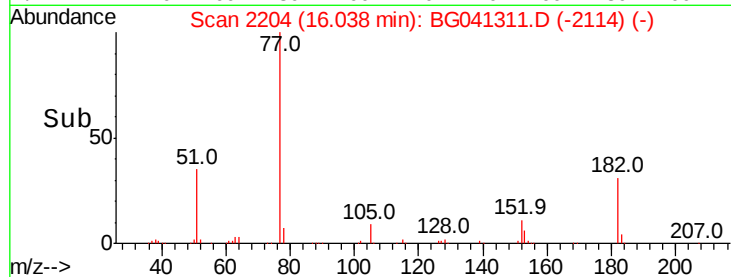
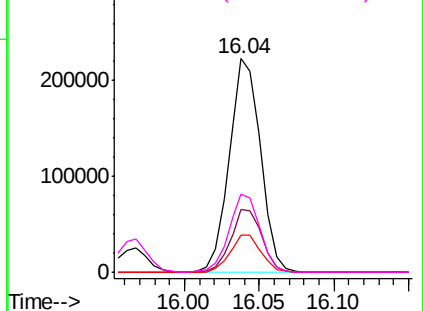
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.5	7.5	47.5	
105	17.5	0.0	37.7	
51	36.4	14.6	54.6	

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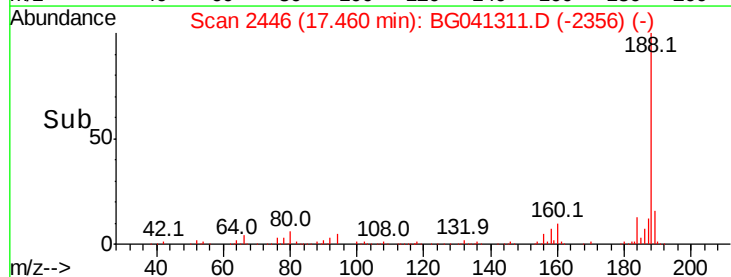
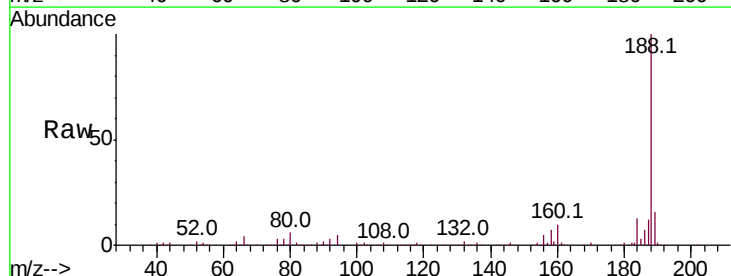
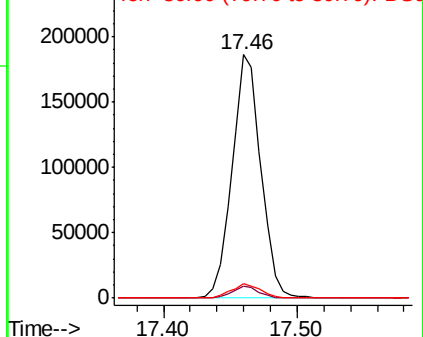
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

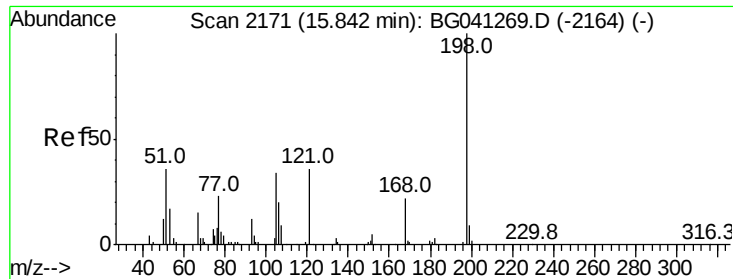


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.9	3.6	5.4	
80	6.1	4.8	7.2	

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: 30.572 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

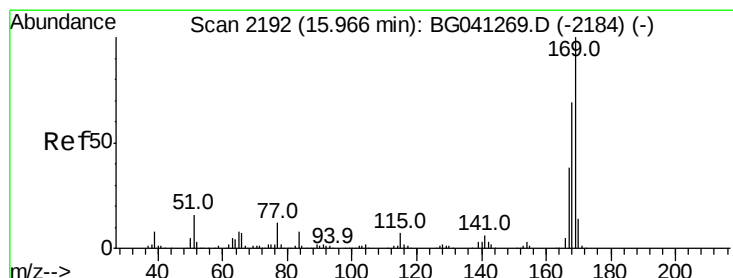
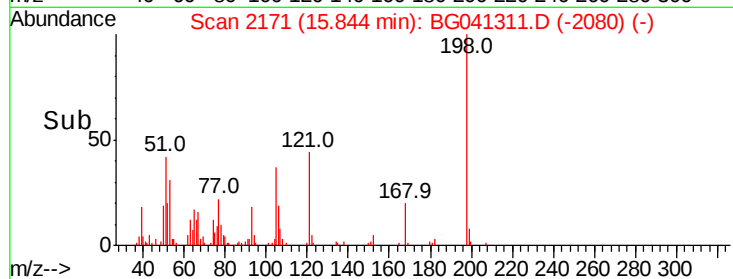
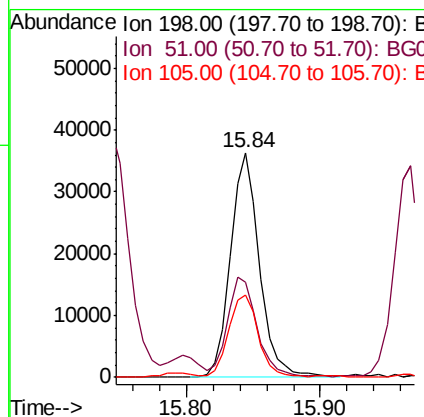
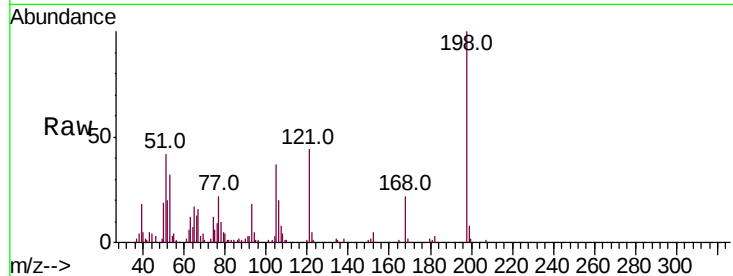
ClientSampleId :

TP-AMS

Tot Ion:	198	Resp:	55265
Ion Ratio	Lower	Upper	
198	100		
51	42.2	23.4	63.4
105	36.6	15.8	55.8

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#66

n-Nitrosodiphenylamine

Concen: 38.479 ng

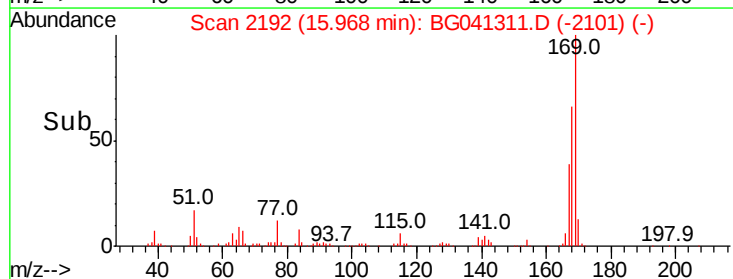
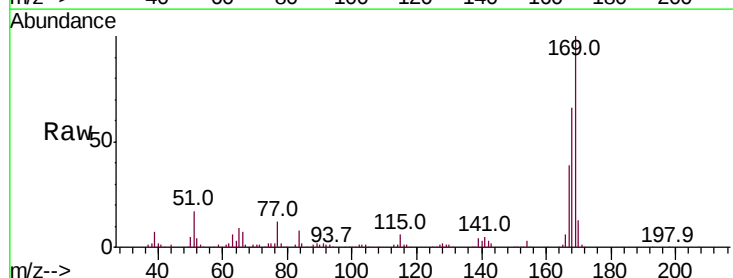
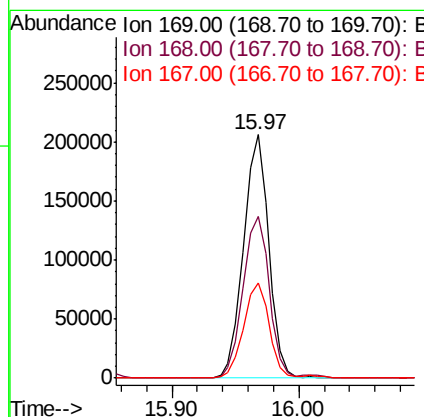
RT: 15.97 min Scan# 2192

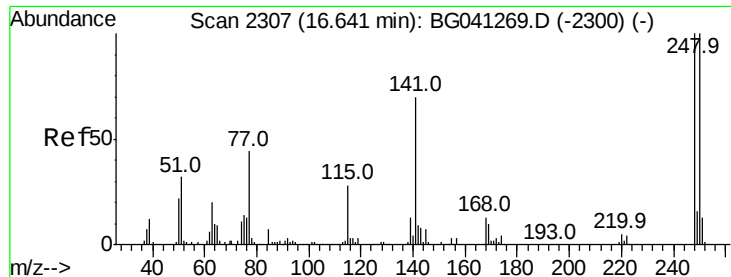
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	169	Resp:	284550
Ion Ratio	Lower	Upper	
169	100		
168	66.2	55.2	82.8
167	39.0	30.4	45.6





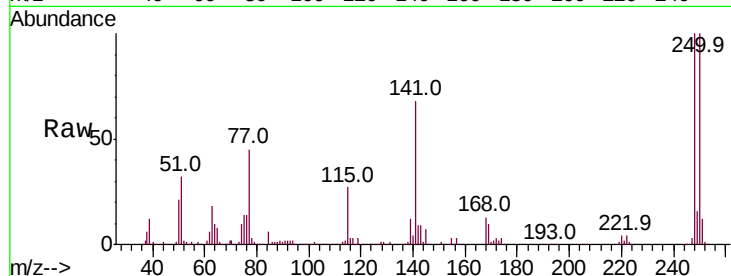
#67
4-Bromophenyl-phenylether
Concen: 36.682 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.8	119.8
141	67.7	55.8	83.6

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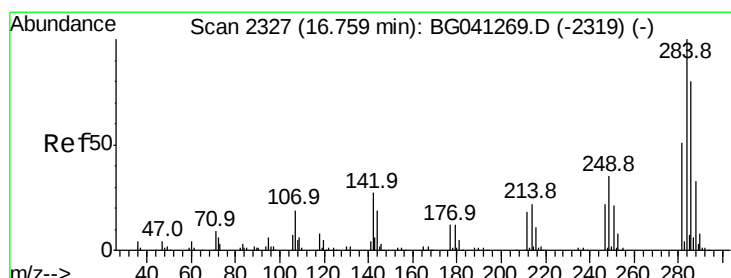
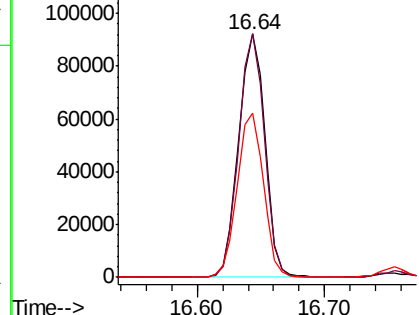
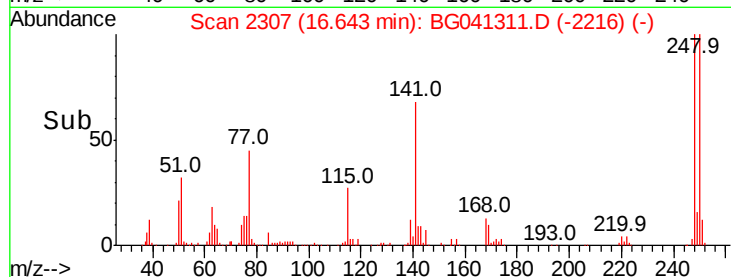


Abundance

Ion 248.00 (247.70 to 248.70): E

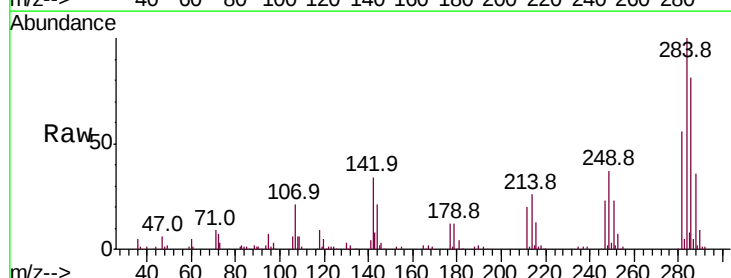
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.366 ng
RT: 16.75 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	21.8	32.8#
249	36.9	27.8	41.6

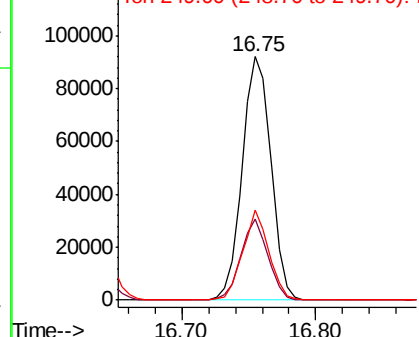
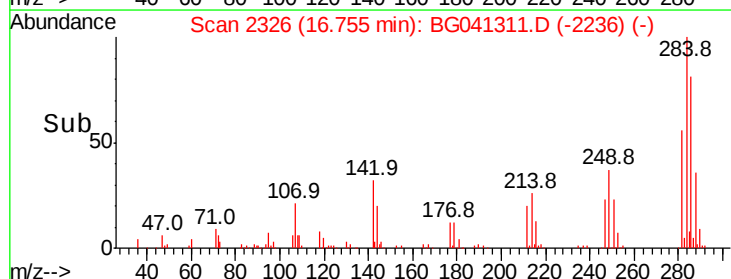


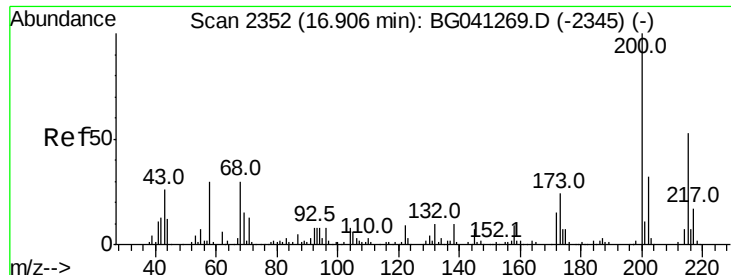
Abundance

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





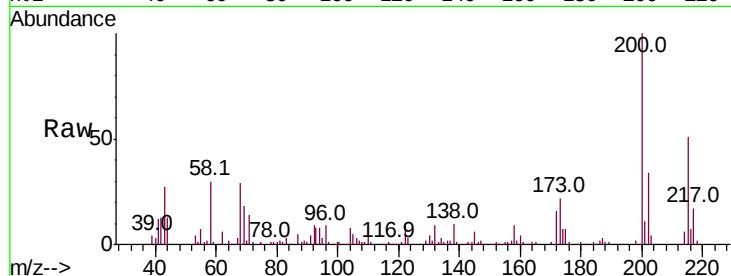
#69
 Atrazine
 Concen: 48.631 ng
 RT: 16.91 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.1	4.0	44.0
215	51.5	33.4	73.4

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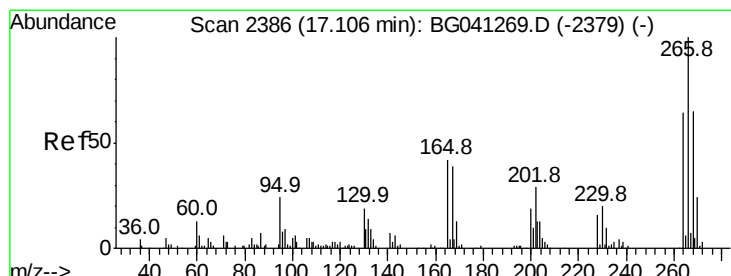
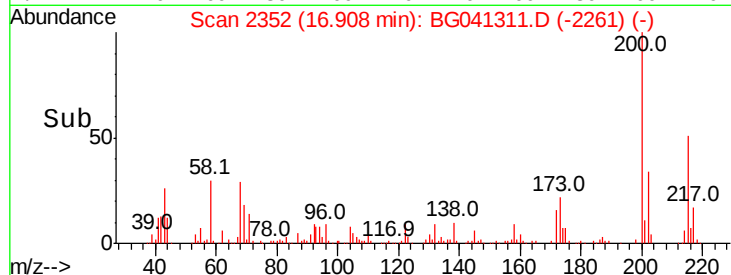
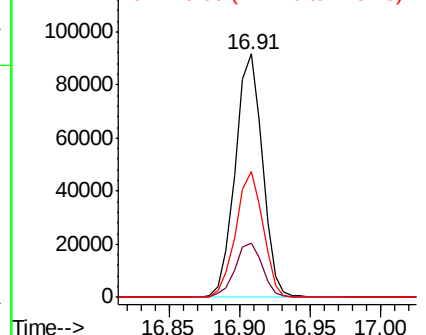


Abundance

Ion 200.00 (199.70 to 200.70): E

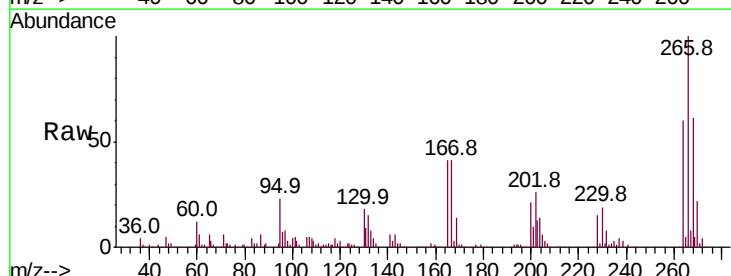
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 74.231 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.3	52.0	78.0
264	60.1	51.2	76.8

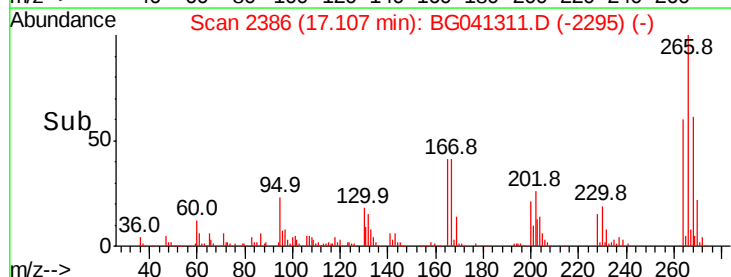
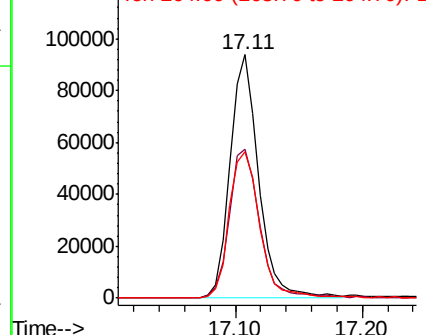


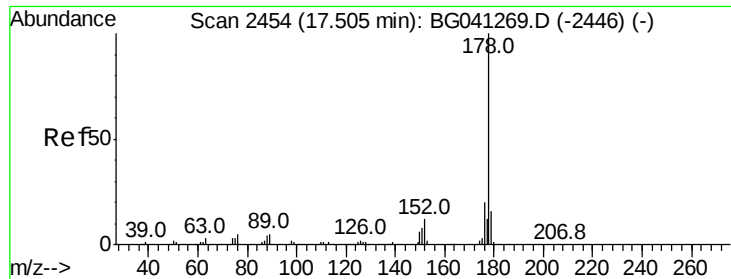
Abundance

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: 37.044 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

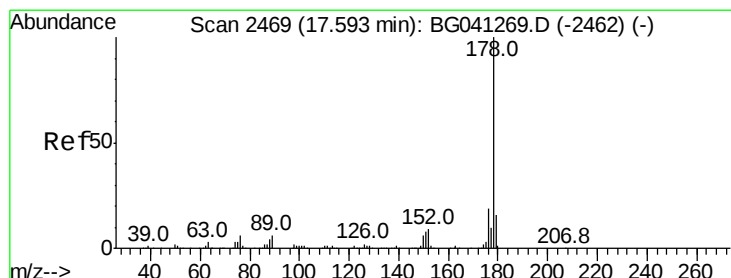
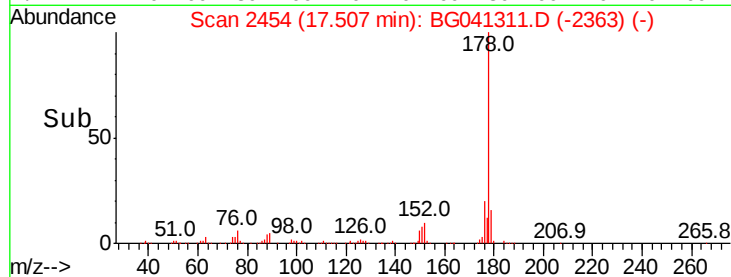
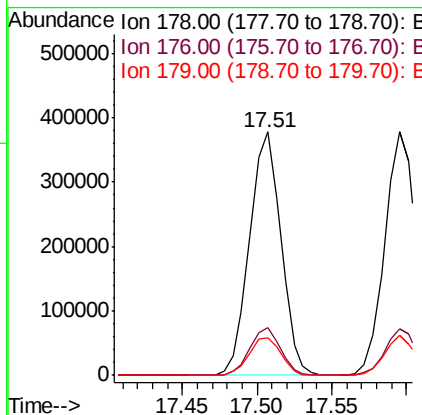
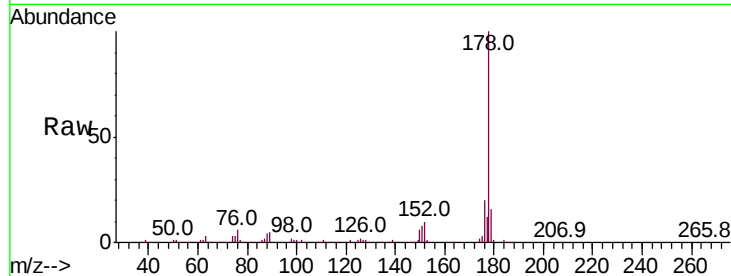
ClientSampleId :

TP-AMS

Tot Ion:178	Resp:	550241
Ion Ratio	Lower	Upper
178	100	
176	19.8	16.1 24.1
179	15.6	12.9 19.3

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#72

Anthracene

Concen: 38.141 ng

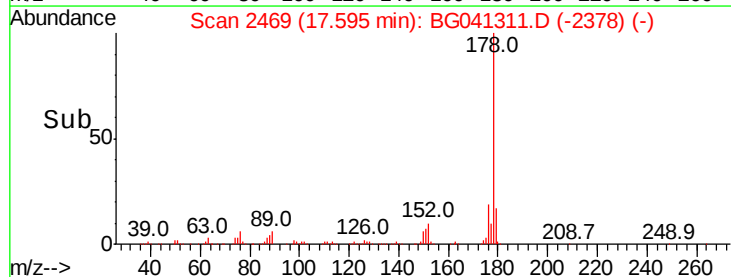
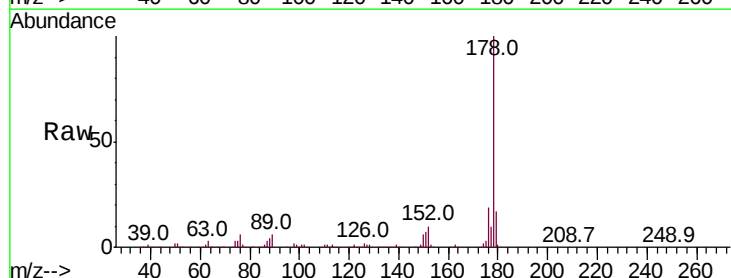
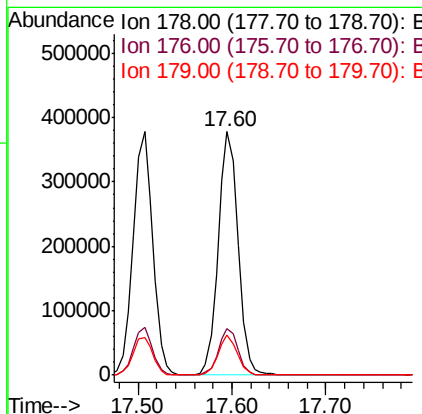
RT: 17.60 min Scan# 2469

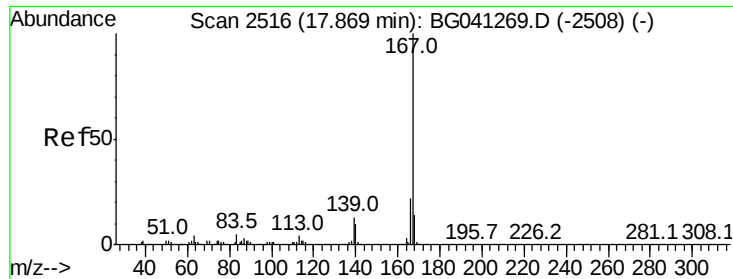
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:178	Resp:	558518
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.4 23.2
179	16.6	13.0 19.4





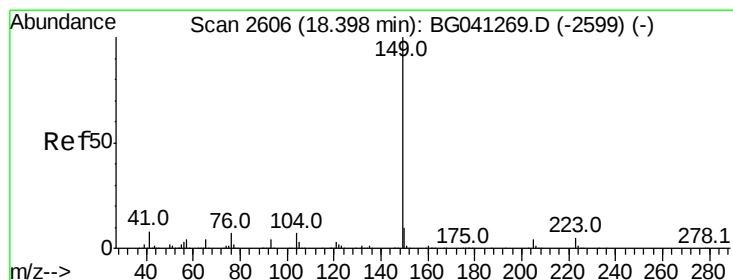
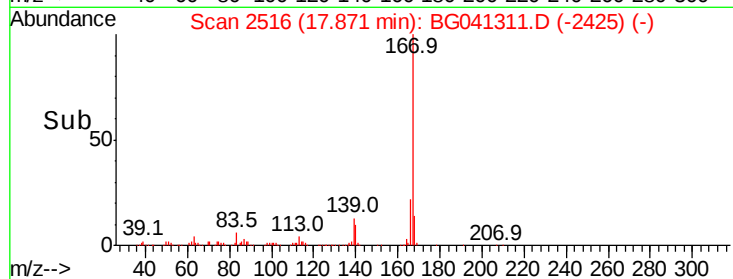
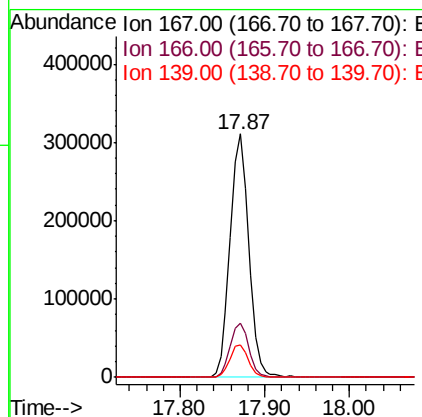
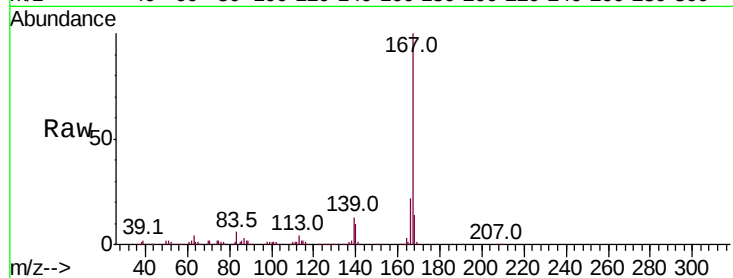
#73
 Carbazole
 Concen: 37.033 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Tot Ion:	167	Resp:	474397
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.9	26.9
139	13.3	10.7	16.1

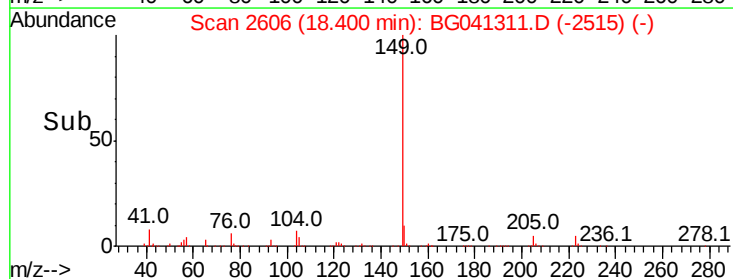
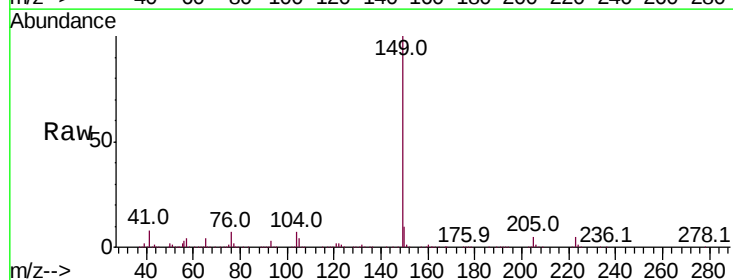
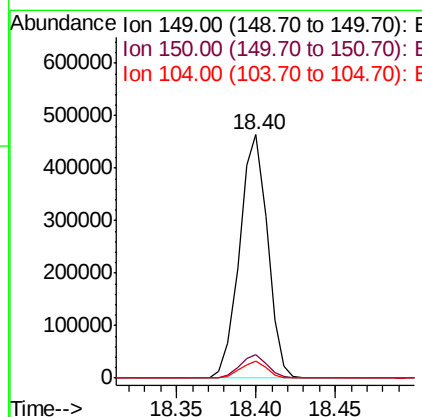
Manual Integrations
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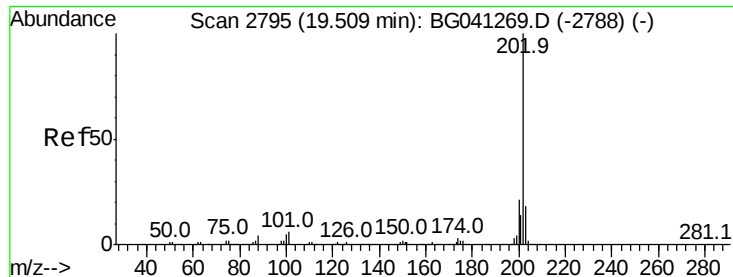
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#74
 Di-n-butylphthalate
 Concen: 35.544 ng
 RT: 18.40 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion:	149	Resp:	568118
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.1	12.1
104	6.8	5.4	8.0





#75

Fluoranthene

Concen: 36.641 ng

RT: 19.51 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

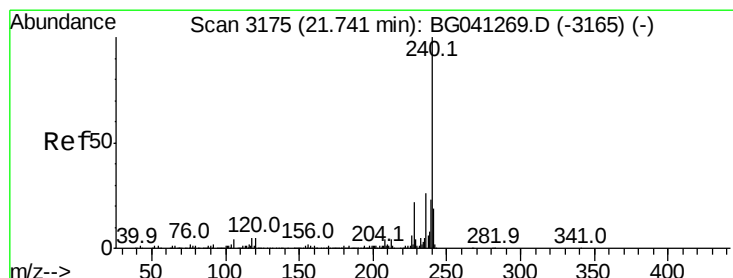
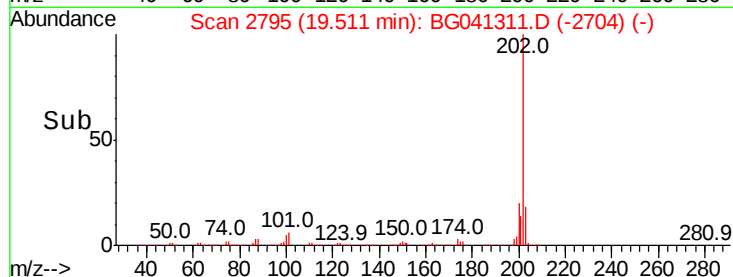
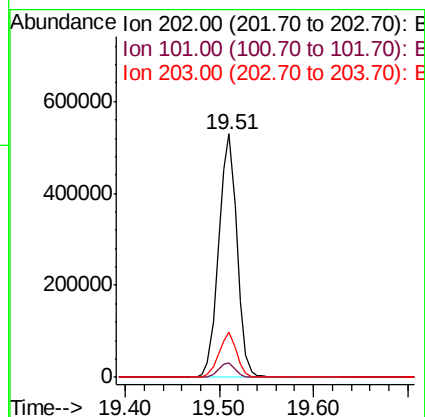
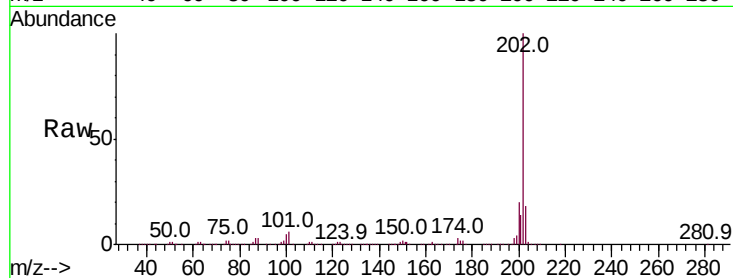
ClientSampleId :

TP-AMS

Tot Ion:	202	Resp:	723049
Ion Ratio	Lower	Upper	
202	100		
101	6.0	0.0	26.0
203	18.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

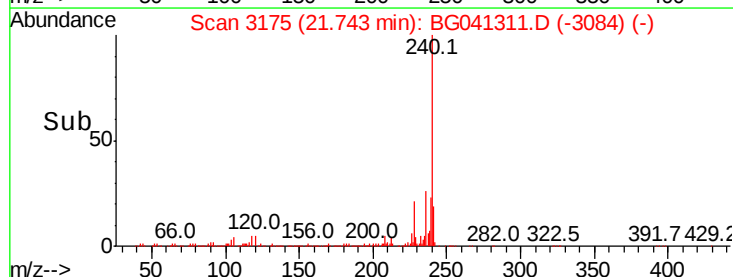
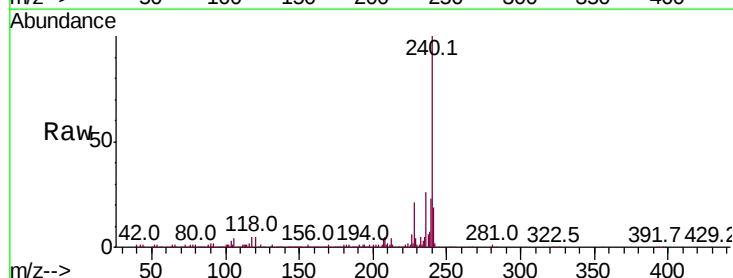
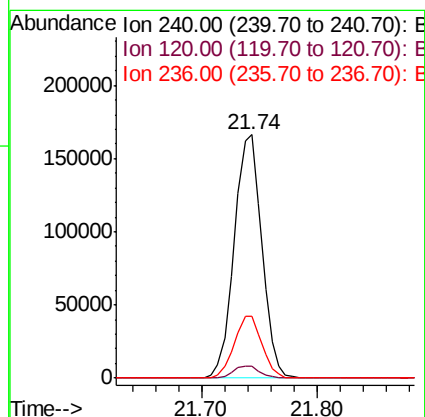
RT: 21.74 min Scan# 3175

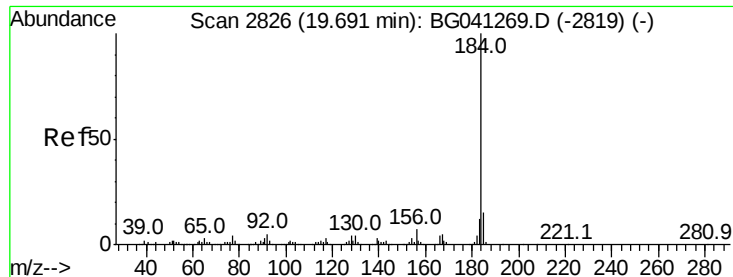
Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	240	Resp:	276044
Ion Ratio	Lower	Upper	
240	100		
120	5.0	3.7	5.5
236	25.5	21.1	31.7





#77

Benzidine

Concen: 42.914 ng

RT: 19.69 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

ClientSampleId :

TP-AMS

Tot Ion:184 Resp: 286528

Ion Ratio Lower Upper

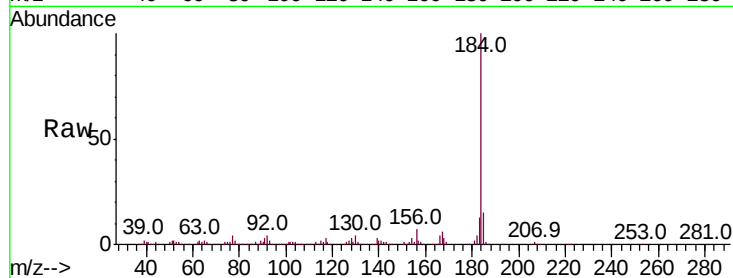
184 100

185 14.7 12.2 18.2

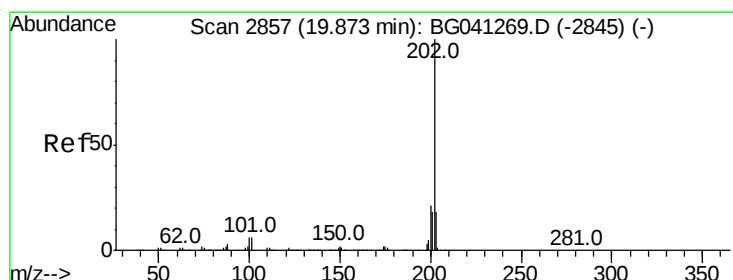
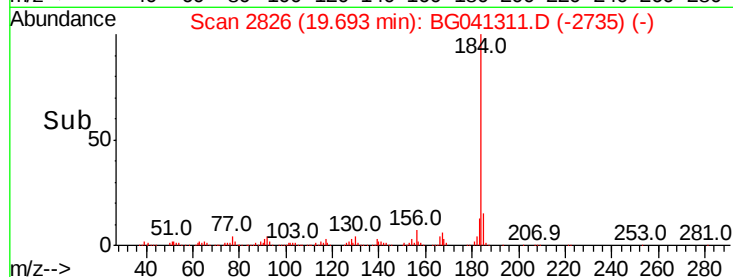
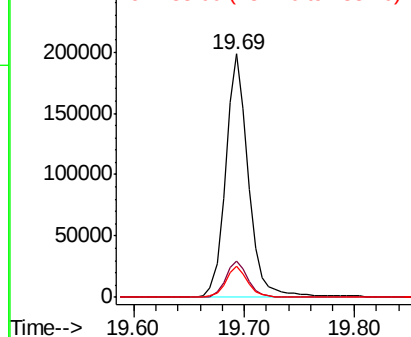
183 12.8 9.6 14.4

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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: 39.470 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

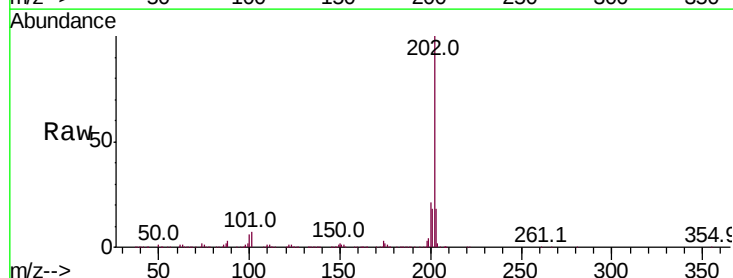
Tgt Ion:202 Resp: 734790

Ion Ratio Lower Upper

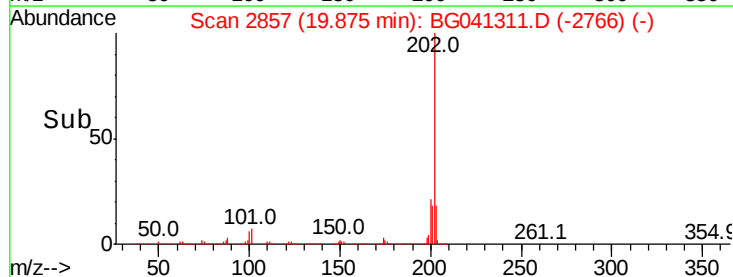
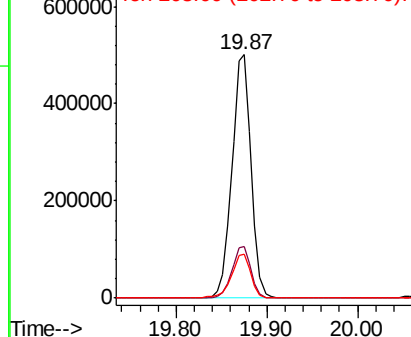
202 100

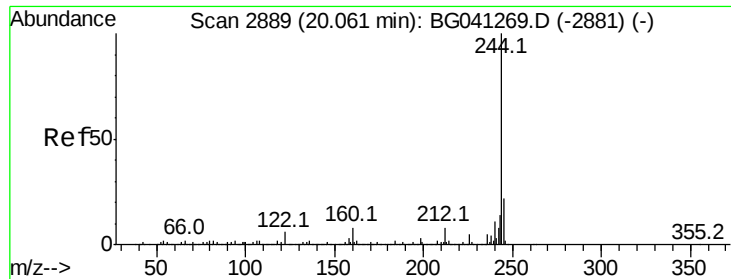
200 21.3 16.8 25.2

203 18.3 14.6 21.8



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





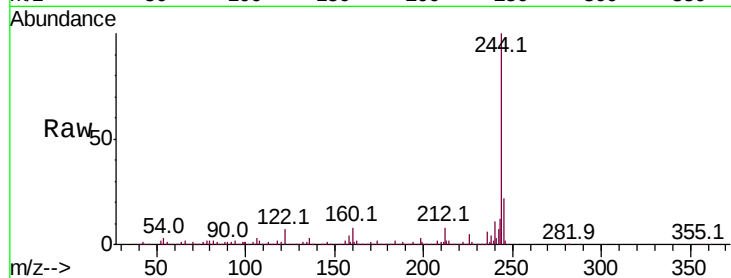
#79
Terphenyl-d14
Concen: 83.397 ng
RT: 20.06 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

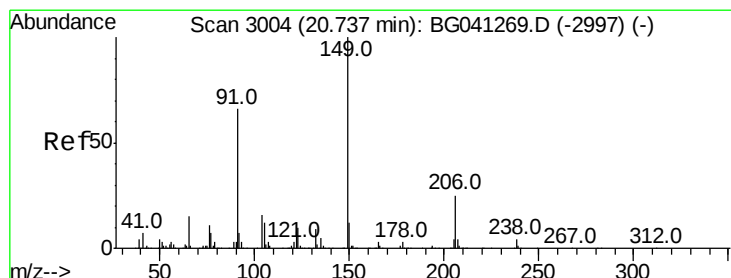
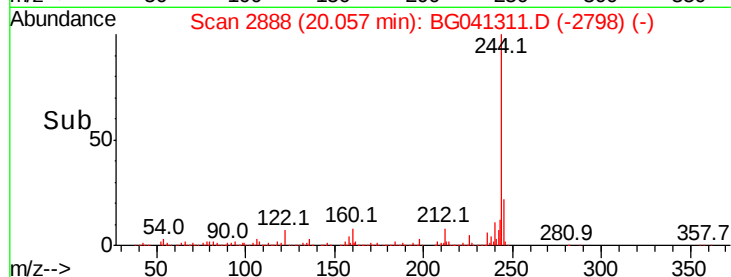
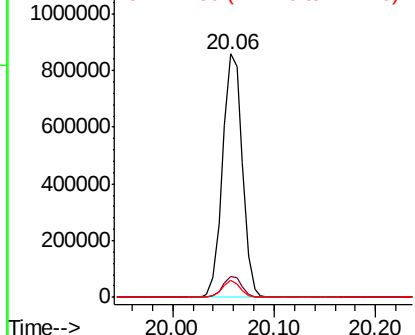
Tot Ion:244 Resp: 1161641
Ion Ratio Lower Upper
244 100
212 8.4 6.6 10.0
122 6.8 5.0 7.4

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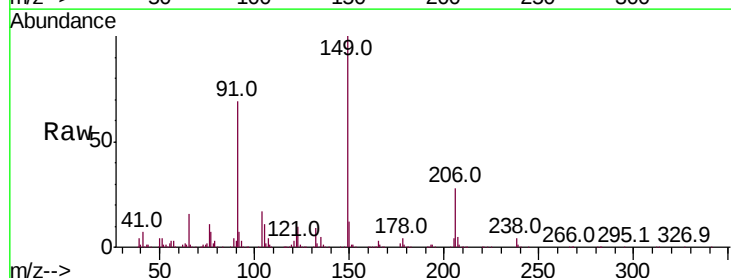


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

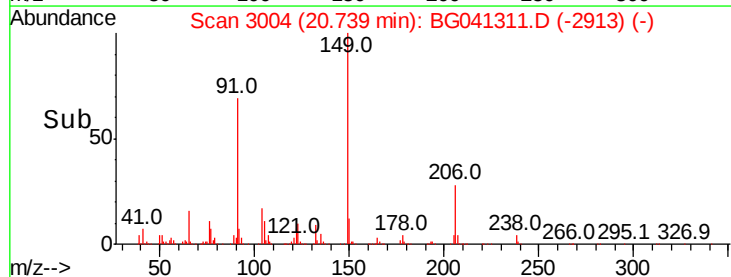
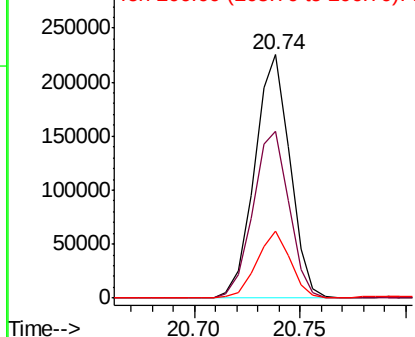


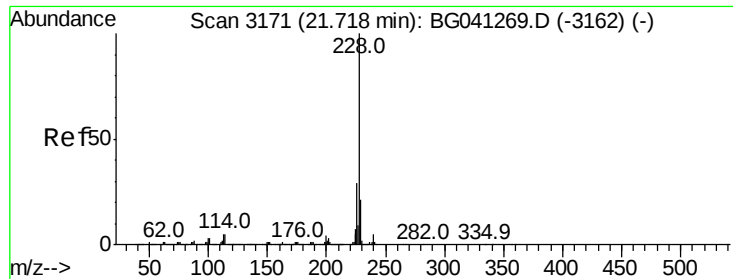
#80
Butylbenzylphthalate
Concen: 37.182 ng
RT: 20.74 min Scan# 3004
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion:149 Resp: 261822
Ion Ratio Lower Upper
149 100
91 68.5 53.2 79.8
206 27.6 20.3 30.5



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





#81

Benzo(a)anthracene

Concen: 38.338 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

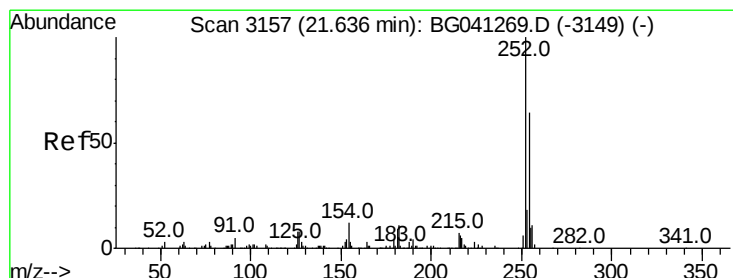
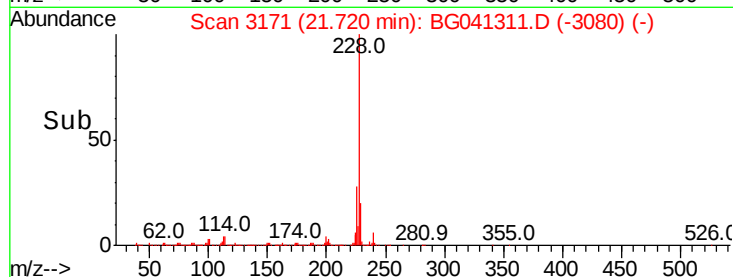
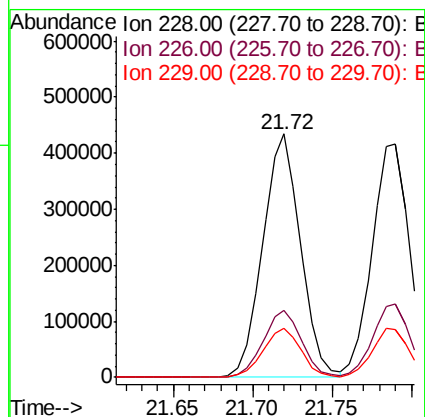
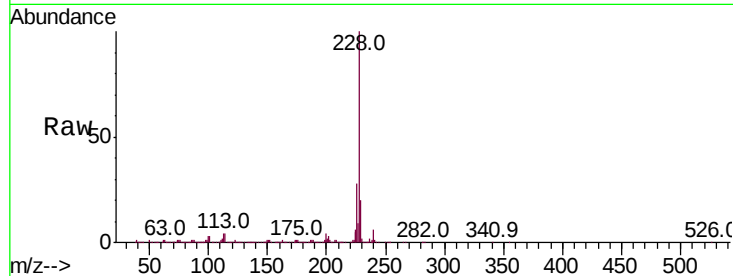
ClientSampled :

TP-AMS

Tot Ion:	228	Resp:	716566
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.2	34.8
229	20.3	16.8	25.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 21.468 ng

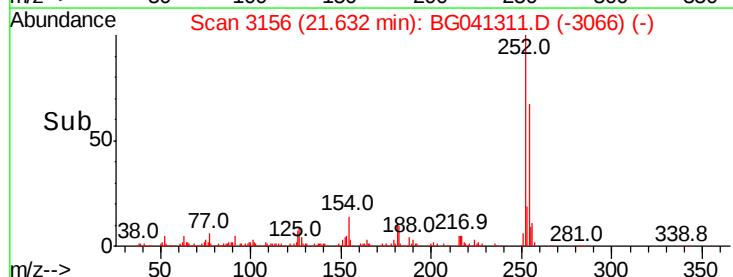
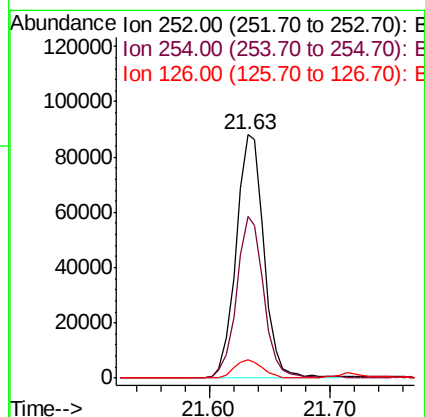
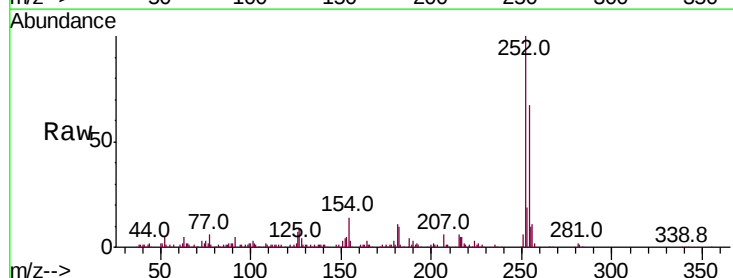
RT: 21.63 min Scan# 3156

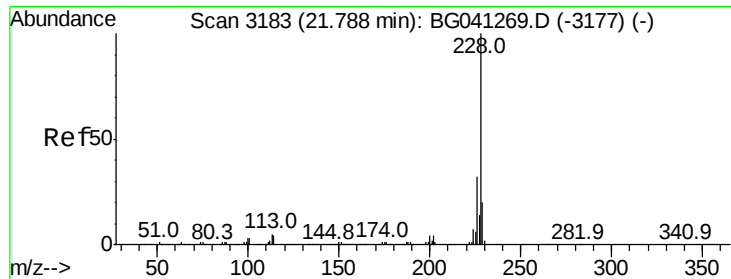
Delta R.T. -0.00 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	252	Resp:	140857
Ion Ratio	Lower	Upper	
252	100		
254	66.6	51.4	77.0
126	7.3	6.0	9.0





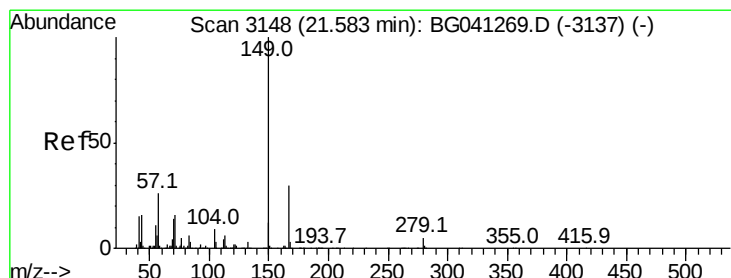
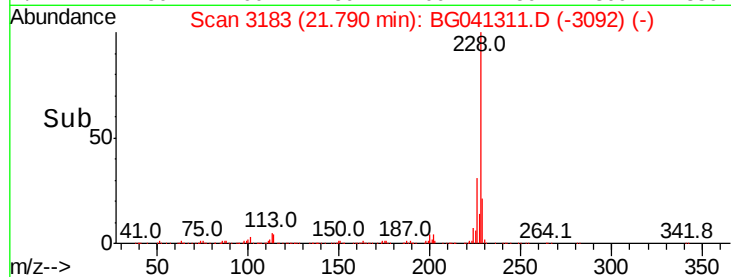
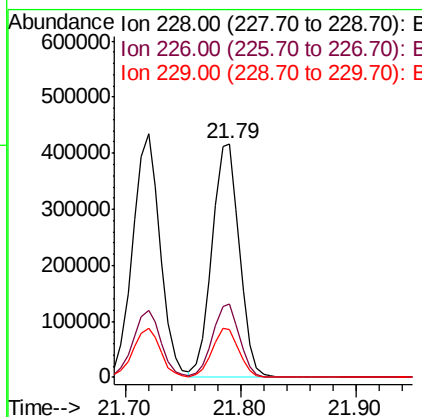
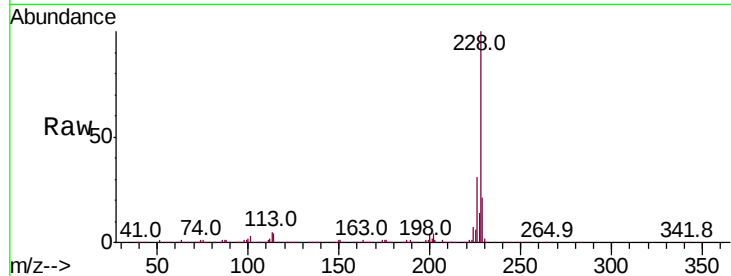
#83
 Chrvsene
 Concen: 38.006 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-AMS

Tot Ion:	228	Resp:	683127
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.0
229	20.7	16.2	24.2

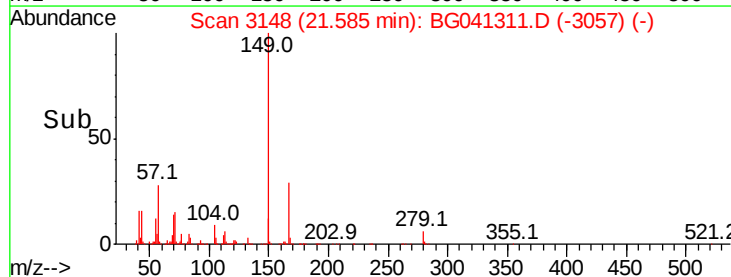
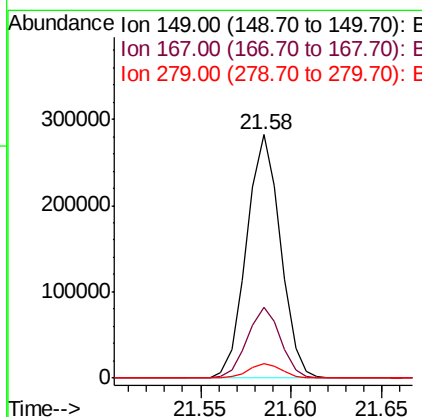
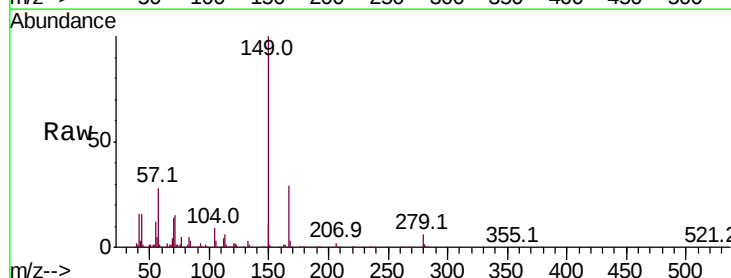
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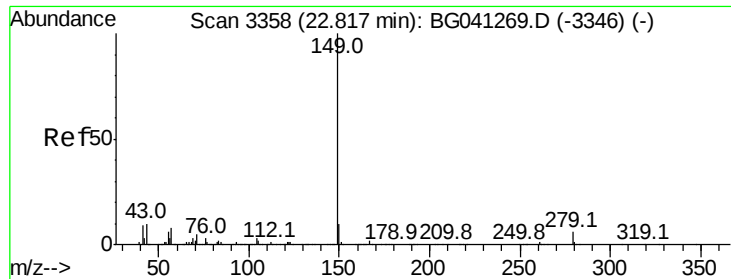
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.207 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041311.D
 Acq: 18 Jun 2019 23:48

Tgt Ion:	149	Resp:	366647
Ion Ratio	Lower	Upper	
149	100		
167	29.2	23.8	35.8
279	5.8	4.4	6.6





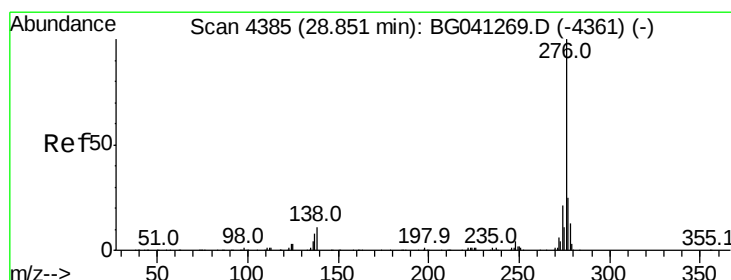
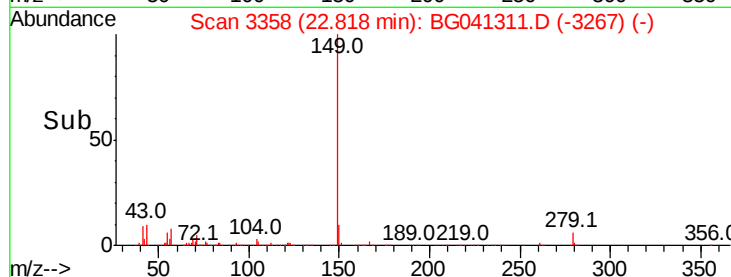
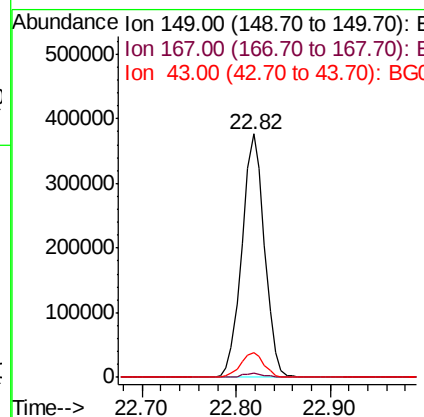
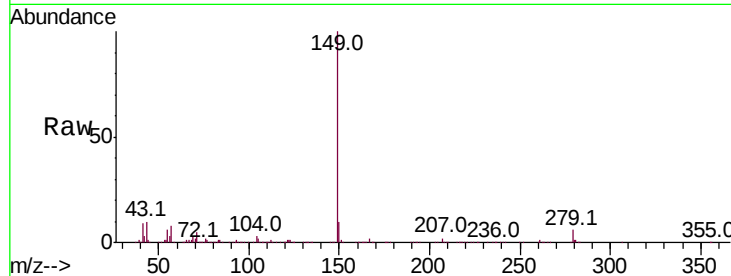
#85
Di-n-octyl phthalate
Concen: 38.516 ng
RT: 22.82 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	625335		
167	1.7		1.4	2.0
43	10.2		8.2	12.2

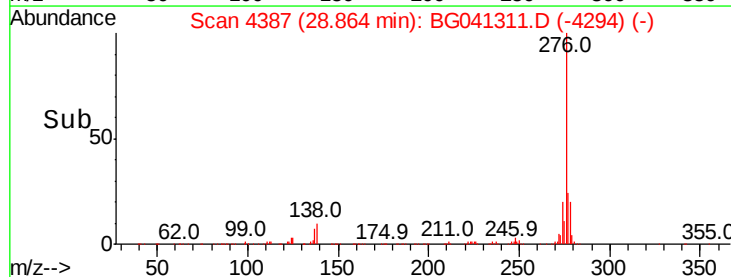
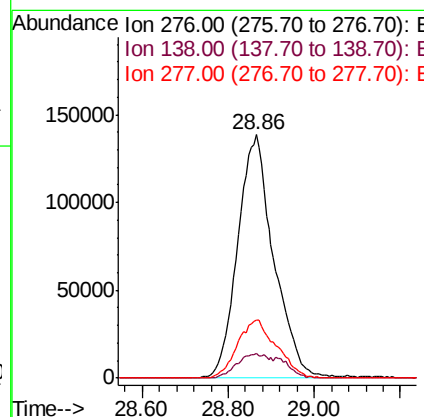
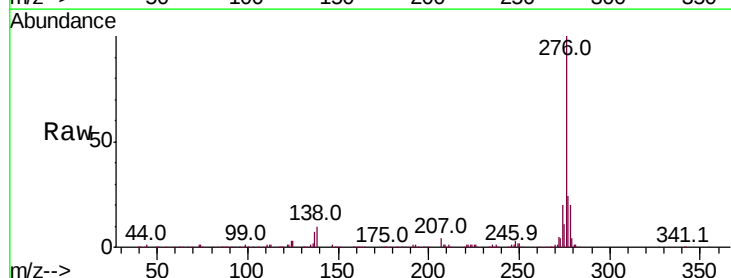
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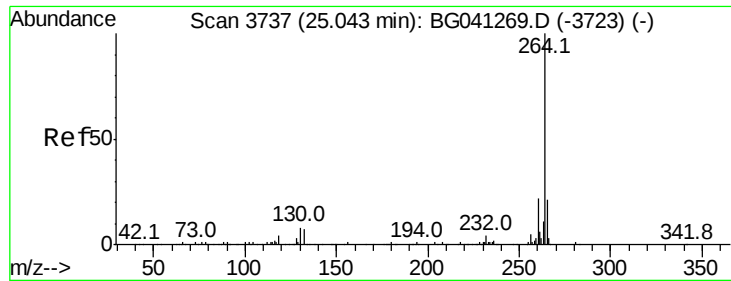
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.958 ng
RT: 28.86 min Scan# 4387
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	809479		
138	9.1		7.7	11.5
277	25.9		20.6	31.0





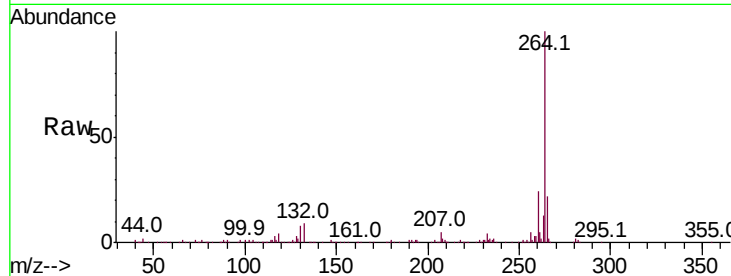
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	21.7	17.2	25.8

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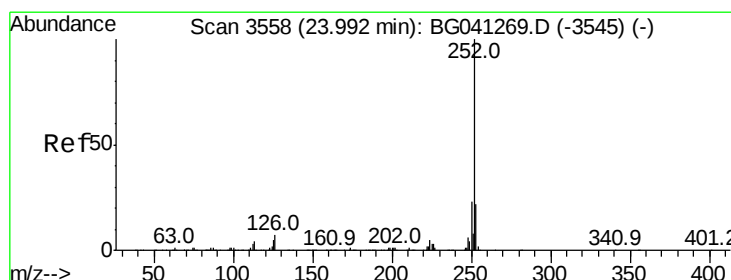
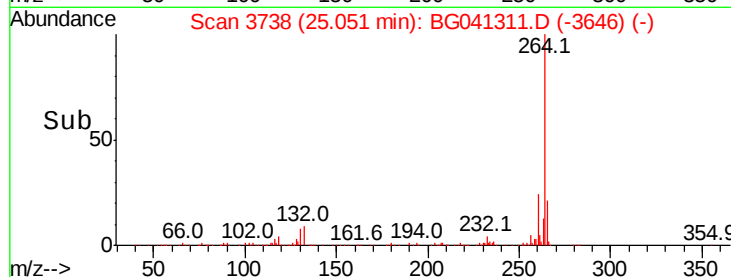
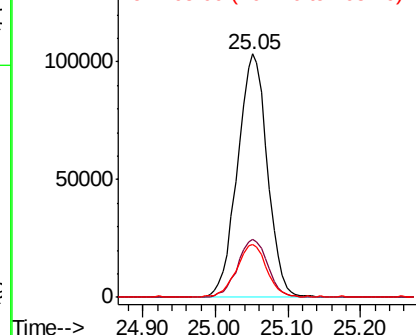


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 38.311 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

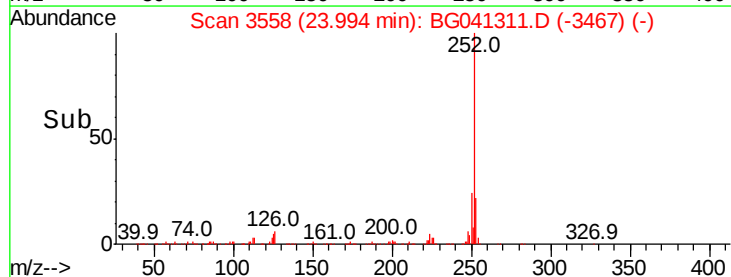
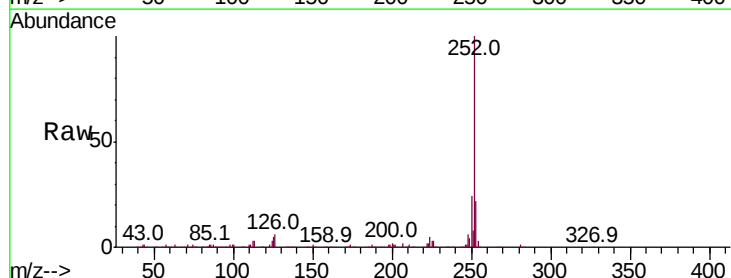
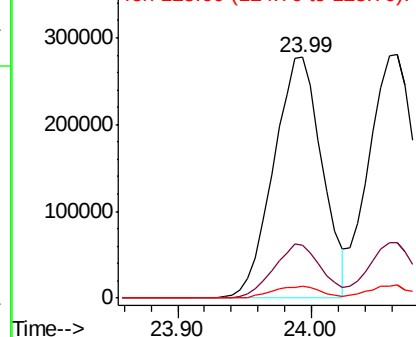
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	4.9	3.9	5.9

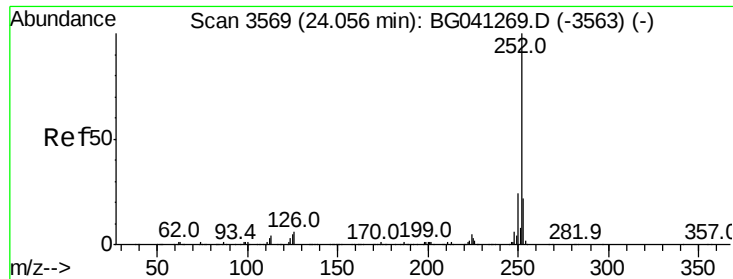
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.903 ng

RT: 24.06 min Scan# 3570

Delta R.T. 0.01 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Instrument :

BNA_G

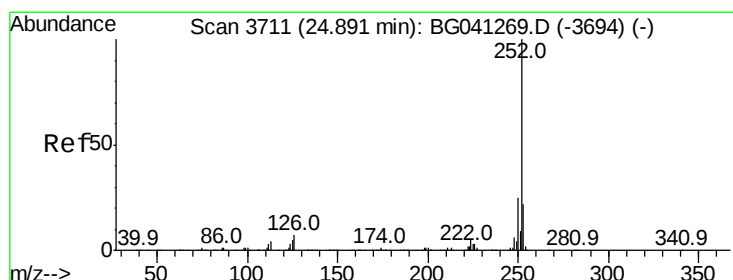
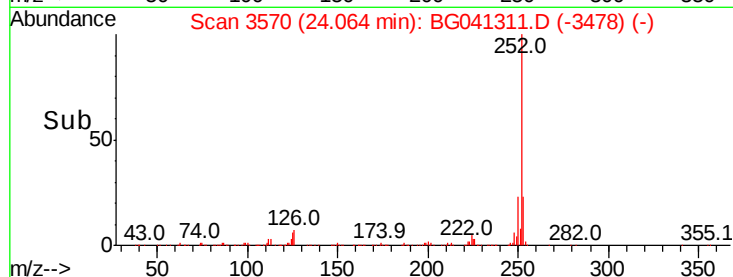
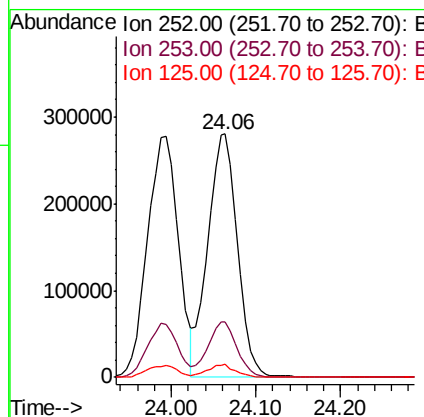
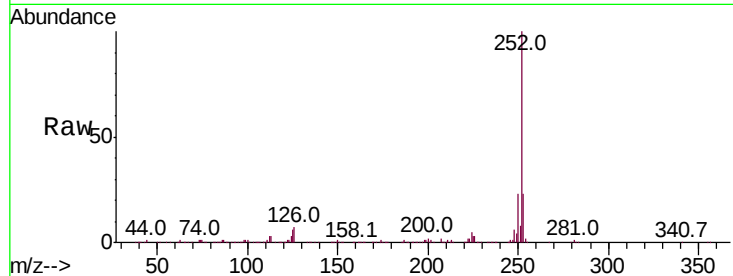
ClientSampleId :

TP-AMS

Tot Ion:	252	Resp:	686567
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	5.6	4.3	6.5

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#90

Benzo(a)pyrene

Concen: 39.949 ng

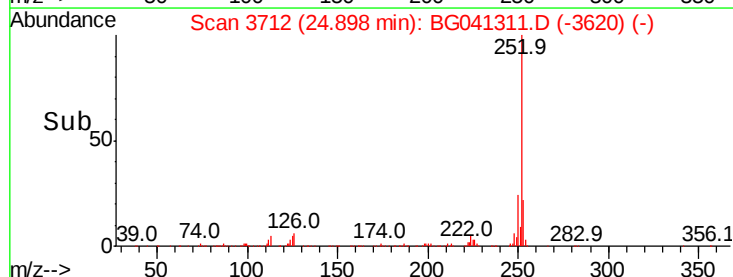
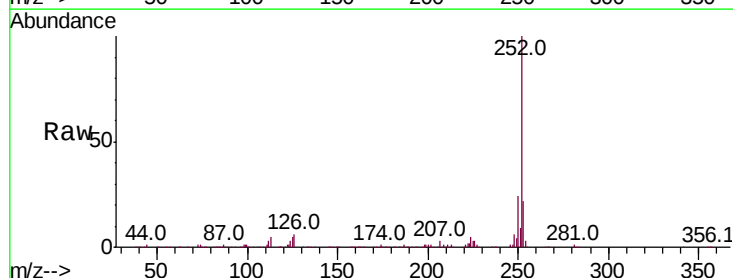
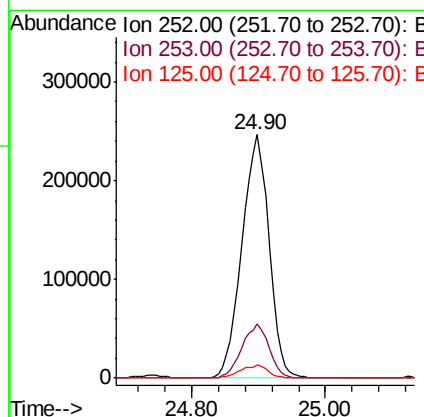
RT: 24.90 min Scan# 3712

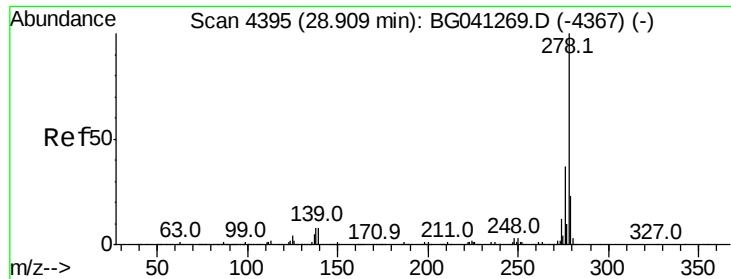
Delta R.T. 0.01 min

Lab File: BG041311.D

Acq: 18 Jun 2019 23:48

Tgt Ion:	252	Resp:	689859
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	5.3	4.2	6.4





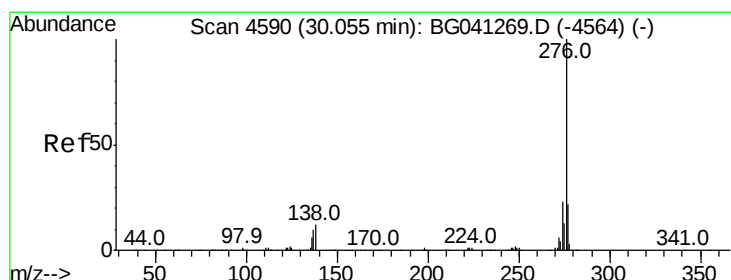
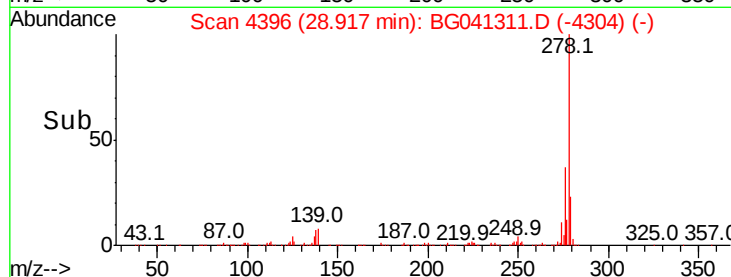
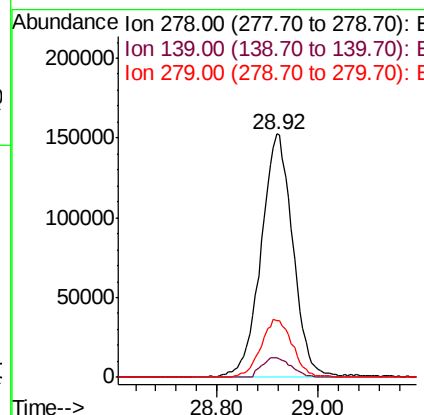
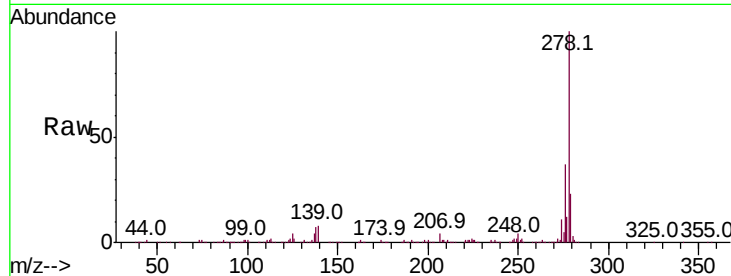
#91
Dibenzo(a,h)anthracene
Concen: 38.203 ng
RT: 28.92 min Scan# 4396
Delta R.T. 0.01 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.6	10.0
279	23.2	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/21/2019 9:57:02 PM



#92
Benzo(g,h,i)perylene
Concen: 38.757 ng
RT: 30.06 min Scan# 4590
Delta R.T. 0.00 min
Lab File: BG041311.D
Acq: 18 Jun 2019 23:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	11.3	9.4	14.0

