

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042608.D
 Acq On : 30 Aug 2019 19:59
 Operator : HP/JU
 Sample : K4409-17MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:42:48 PM

Quant Time: Aug 30 23:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	36255	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	137988	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	105968	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	245295	20.00	ng	0.00
76) Chrysene-d12	21.69	240	260996	20.00	ng	0.00
87) Perylene-d12	24.93	264	310119	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	263999	147.48	ng	0.00
7) Phenol-d6	7.17	99	359629	148.73	ng	0.00
23) Nitrobenzene-d5	9.17	82	203290	101.81	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	245508	163.00	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	639872	102.13	ng	0.00
79) Terphenyl-d14	20.02	244	1137970	94.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	23271	31.151	ng	99
3) Pyridine	3.82	79	56044	29.257	ng	97
4) n-Nitrosodimethylamine	3.73	42	31146	45.523	ng	92
6) Aniline	7.32	93	123478	38.286	ng	99
8) 2-Chlorophenol	7.57	128	105036	48.415	ng	98
9) Benzaldehyde	7.12	77	57207	47.256	ng	97
10) Phenol	7.20	94	143701	58.450	ng	92
11) bis(2-Chloroethyl)ether	7.41	93	83048	43.012	ng	99
12) 1,3-Dichlorobenzene	7.89	146	115741	41.937	ng	99
13) 1,4-Dichlorobenzene	8.04	146	119979	42.918	ng	97
14) 1,2-Dichlorobenzene	8.35	146	114192	42.654	ng	99
15) Benzyl Alcohol	8.24	79	83589	48.049	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	104116	39.784	ng	99
17) 2-Methylphenol	8.45	107	85634	47.290	ng	94
18) Hexachloroethane	9.09	117	39563	41.339	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	67207	42.902	ng	# 94
20) 3+4-Methylphenols	8.78	107	117463	46.878	ng	98
22) Acetophenone	8.82	105	150078	50.851	ng	98
24) Nitrobenzene	9.21	77	98744	48.833	ng	98
25) Isophorone	9.73	82	189280	48.031	ng	99
26) 2-Nitrophenol	9.93	139	66498	52.478	ng	94
27) 2,4-Dimethylphenol	9.99	122	100939	57.828	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	116681	46.977	ng	98
29) 2,4-Dichlorophenol	10.47	162	125648	55.018	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	141286	50.403	ng	97
31) Naphthalene	10.87	128	320405	50.013	ng	100
32) Benzoic acid	10.15	122	47789	39.473	ng	96
33) 4-Chloroaniline	10.98	127	96665	32.686	ng	98
34) Hexachlorobutadiene	11.16	225	95003	50.429	ng	98
35) Caprolactam	11.77	113	37321m	48.976	ng	
36) 4-Chloro-3-methylphenol	12.11	107	114221	52.686	ng	97
37) 2-Methylnaphthalene	12.48	142	266669	51.840	ng	99
38) 1-Methylnaphthalene	12.70	142	250355	51.237	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	183795	54.010	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	169767	94.971	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	119207	51.824	nq	95
44) 2,4,5-Trichlorophenol	13.17	196	127130	53.334	nq	99
46) 1,1'-Biphenyl	13.49	154	354309	51.725	nq	98
47) 2-Chloronaphthalene	13.53	162	291440	49.343	nq	98
48) 2-Nitroaniline	13.73	65	65262	45.821	nq	99
49) Acenaphthylene	14.38	152	457732	51.512	nq	99
50) Dimethylphthalate	14.11	163	432732	56.596	nq	100
51) 2,6-Dinitrotoluene	14.23	165	90670	51.160	nq	97
52) Acenaphthene	14.72	154	266389	49.371	nq	99
53) 3-Nitroaniline	14.56	138	64528	36.406	nq	100
54) 2,4-Dinitrophenol	14.78	184	85393	72.145	nq	94
55) Dibenzofuran	15.06	168	465758	52.148	nq	99
56) 4-Nitrophenol	14.89	139	129598	102.900	nq	94
57) 2,4-Dinitrotoluene	15.03	165	128822	50.760	nq	98
58) Fluorene	15.71	166	380033	52.053	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	127889	54.253	nq	# 92
60) Diethylphthalate	15.47	149	367462	49.163	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	227467	51.684	nq	98
62) 4-Nitroaniline	15.73	138	90348	47.628	nq	94
63) Azobenzene	15.99	77	248126	48.447	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	77136	50.157	nq	98
66) n-Nitrosodiphenylamine	15.91	169	351047	52.039	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	162895	52.354	nq	97
68) Hexachlorobenzene	16.72	284	171079	50.580	nq	97
69) Atrazine	16.87	200	133273	55.867	nq	96
70) Pentachlorophenol	17.07	266	194402	110.619	nq	97
71) Phenanthrene	17.45	178	646998	53.101	nq	100
72) Anthracene	17.55	178	658589	54.145	nq	99
73) Carbazole	17.81	167	574137	52.962	nq	99
74) Di-n-butylphthalate	18.37	149	648808	50.630	nq	100
75) Fluoranthene	19.46	202	827187	55.628	nq	97
77) Benzidine	19.64	184	482887	64.532	nq	99
78) Pyrene	19.83	202	822272	51.387	nq	99
80) Butylbenzylphthalate	20.70	149	299546	47.594	nq	99
81) Benzo(a)anthracene	21.67	228	815945	51.392	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	252839	39.596	nq	99
83) Chrysene	21.74	228	786871	51.390	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	423983	48.519	nq	100
85) Di-n-octyl phthalate	22.78	149	739194	49.183	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1052870	50.598	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	900255	52.803	nq	99
89) Benzo(k)fluoranthene	23.97	252	875084m	53.398	nq	
90) Benzo(a)pyrene	24.78	252	880275	54.411	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	874706	53.399	nq	97
92) Benzo(g,h,i)perylene	29.80	276	878444	53.619	nq	99

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



#1

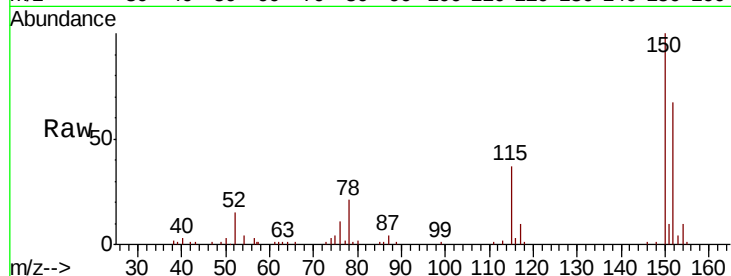
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	125.4	188.0
115	54.2	38.5	57.7

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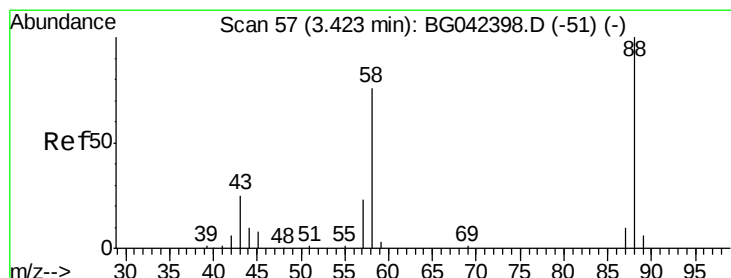
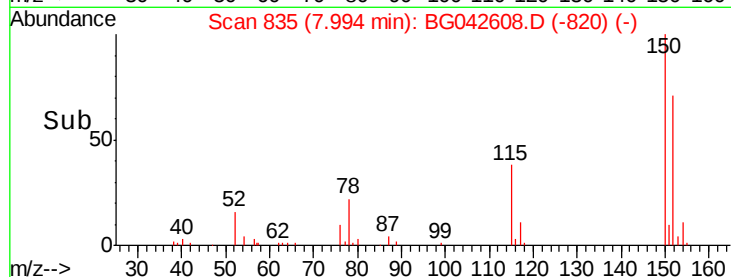
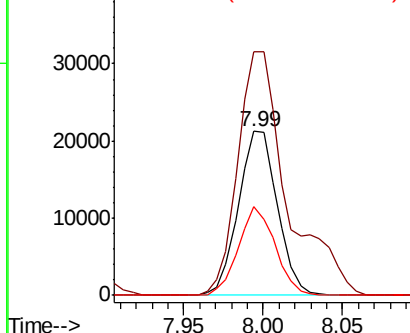


Abundance

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: 31.151 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

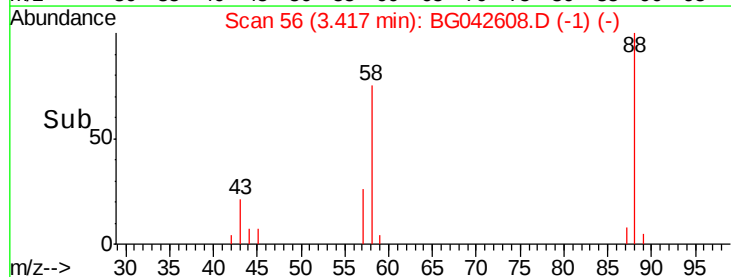
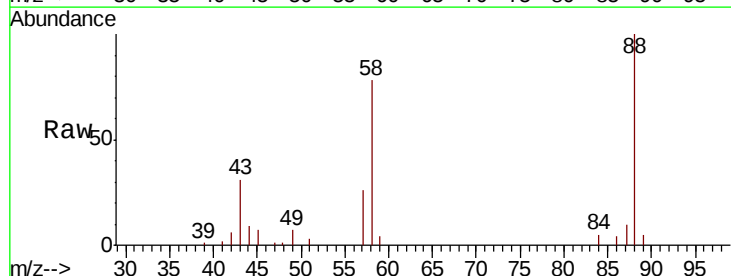
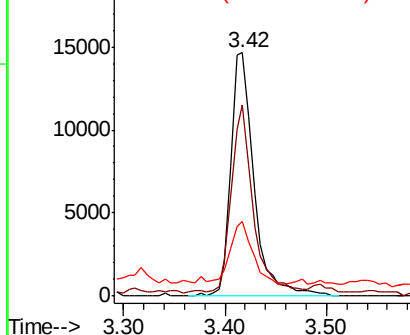
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	58.3	87.5
43	25.6	20.2	30.2

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: 29.257 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

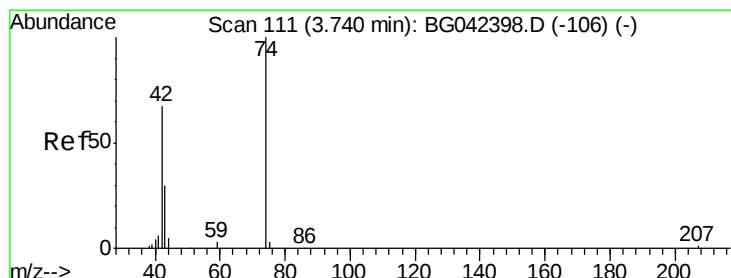
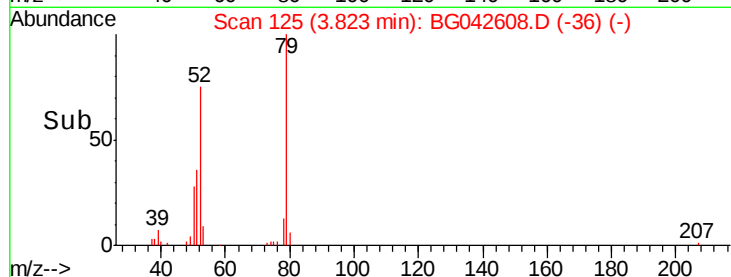
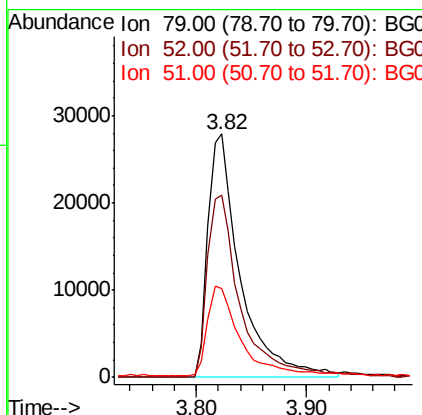
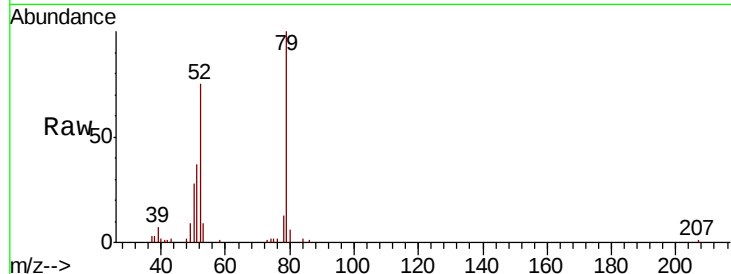
ClientSampleId :

S301-S-7.0-7.5-081919MSD

Tot Ion:	79	Resp:	56044
Ion	Ratio	Lower	Upper
79	100		
52	74.9	57.7	86.5
51	36.6	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 45.523 ng

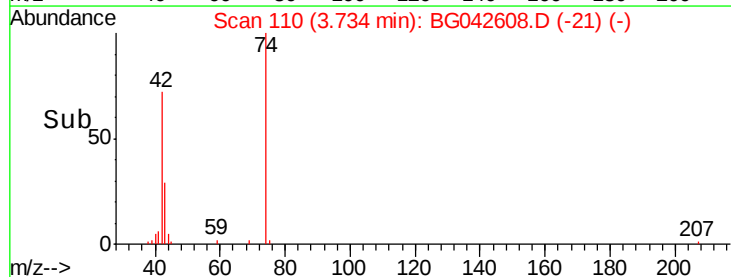
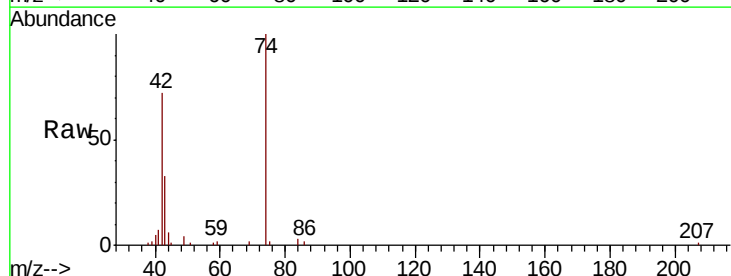
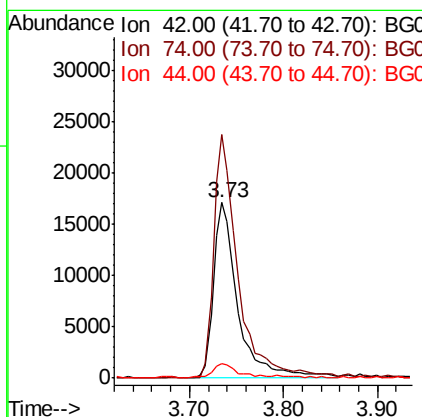
RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	42	Resp:	31146
Ion	Ratio	Lower	Upper
42	100		
74	138.8	119.6	179.4
44	8.2	6.5	9.7





#5

2-Fluorophenol

Concen: 147.476 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

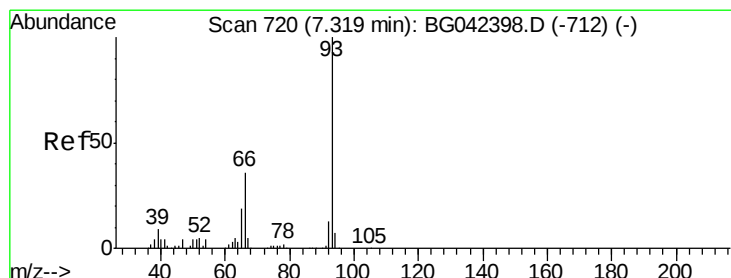
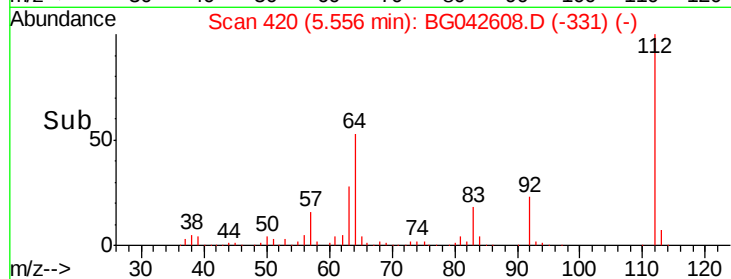
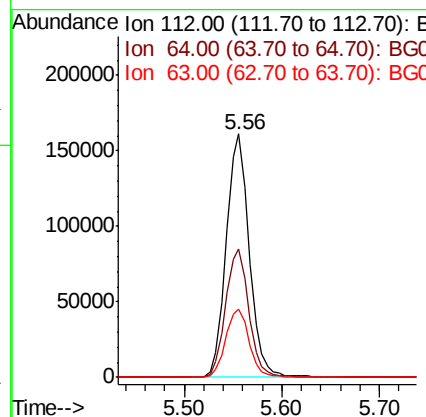
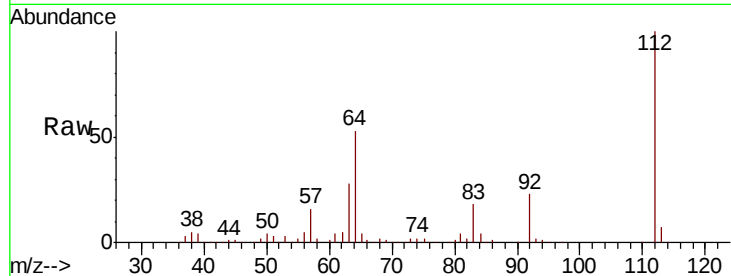
ClientSampleId :

S301-S-7.0-7.5-081919MSD

Tot Ion:	112	Resp:	263999
Ion Ratio	Lower	Upper	
112	100		
64	52.7	42.8	64.2
63	28.1	22.7	34.1

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#6

Aniline

Concen: 38.286 ng

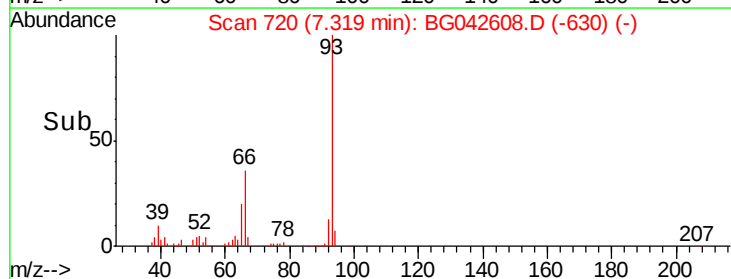
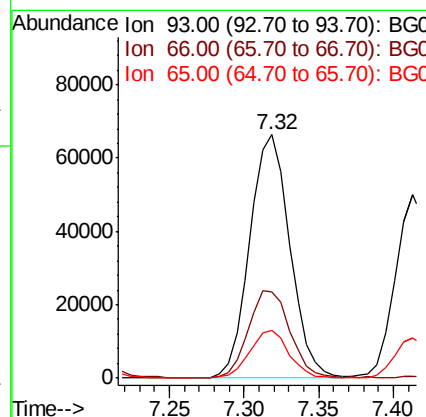
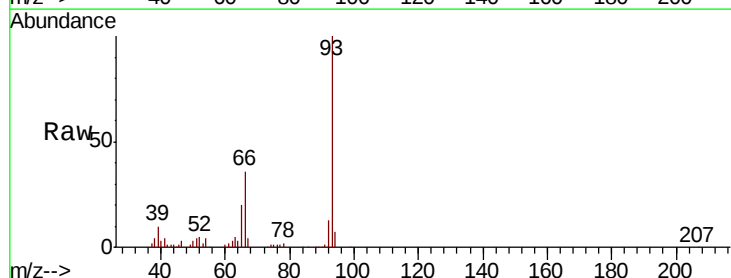
RT: 7.32 min Scan# 720

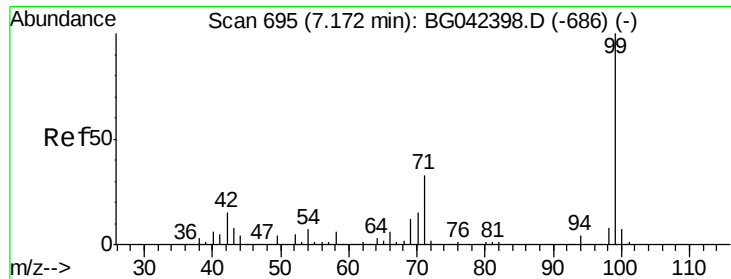
Delta R.T. 0.00 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	93	Resp:	123478
Ion Ratio	Lower	Upper	
93	100		
66	35.6	29.0	43.6
65	19.5	15.2	22.8





#7

Phenol-d6

Concen: 148.728 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

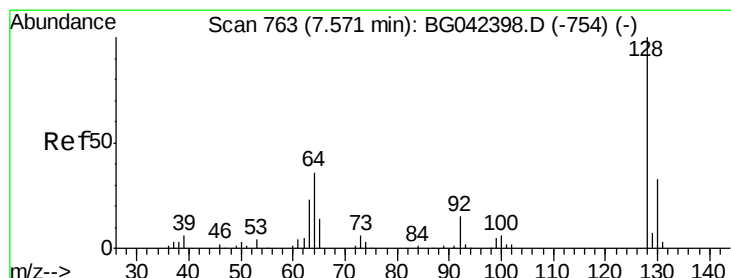
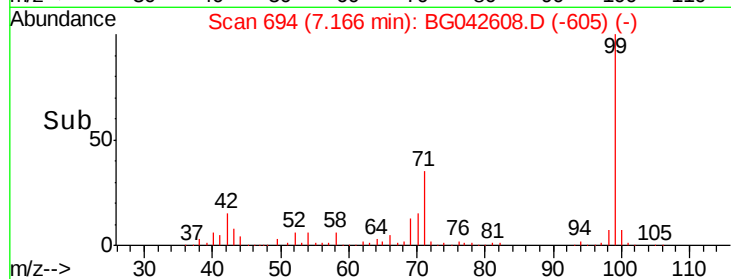
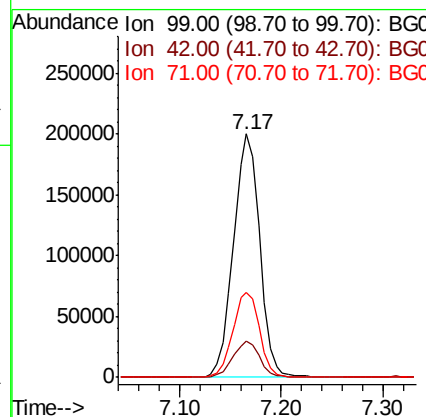
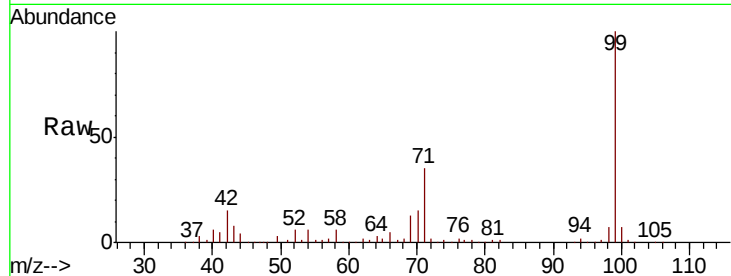
ClientSampleId :

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Tot Ion:	99	Resp:	359629
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.0	18.0
71	35.1	26.3	39.5

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#8

2-Chlorophenol

Concen: 48.415 ng

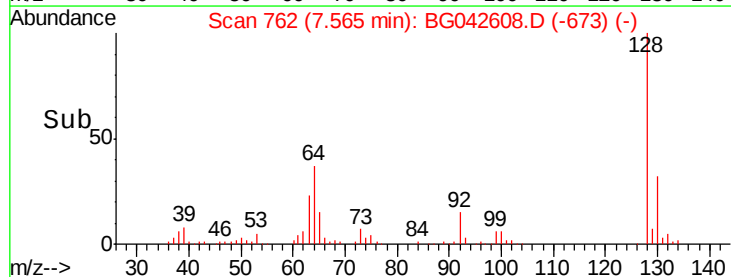
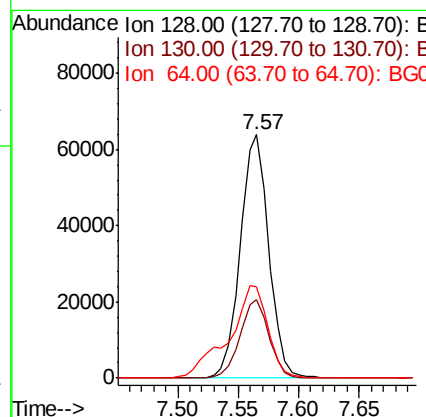
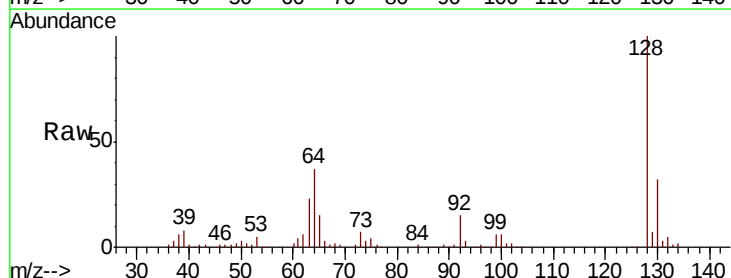
RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	128	Resp:	105036
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.8	52.8
64	37.3	19.2	59.2





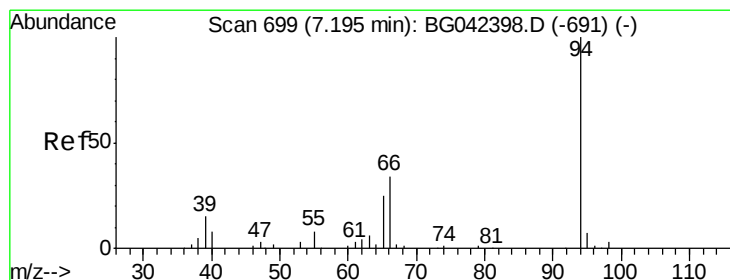
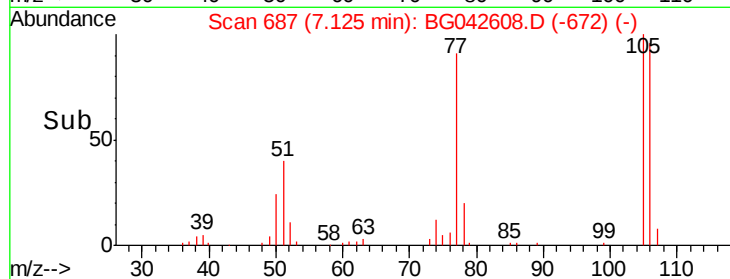
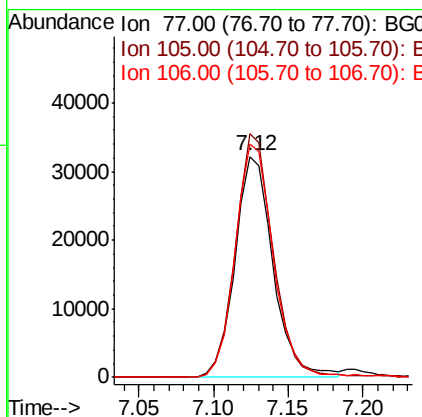
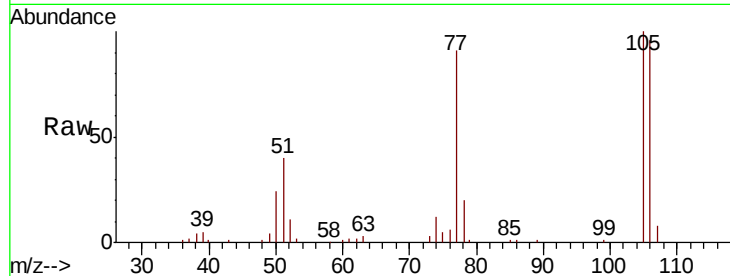
#9
Benzaldehyde
Concen: 47.256 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	110.3	93.4	133.4
106	105.8	88.4	128.4

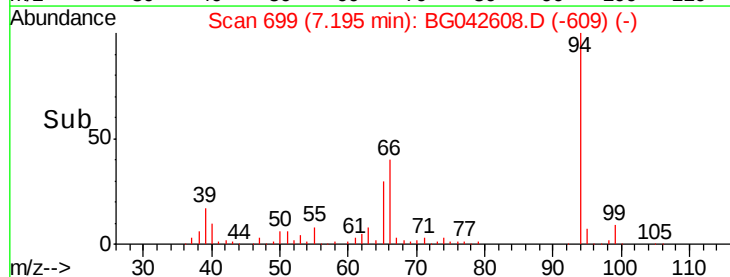
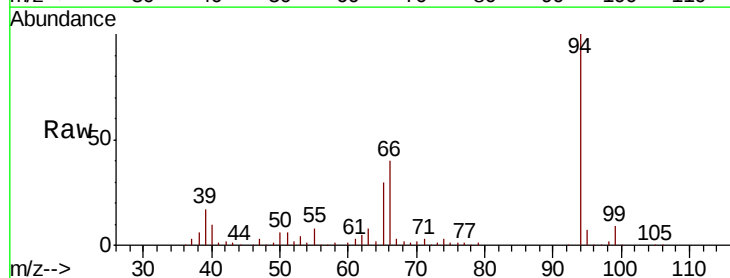
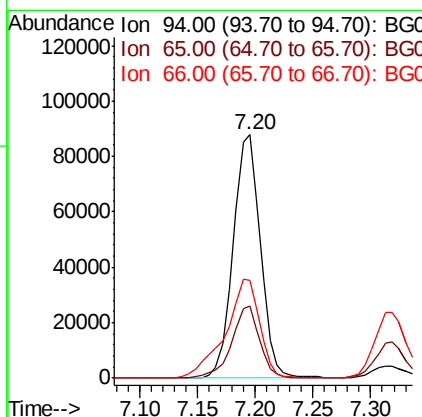
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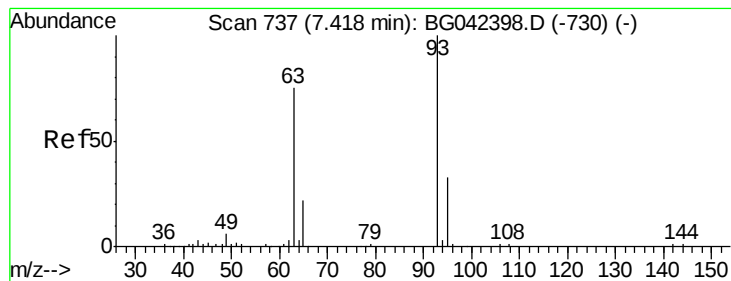
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#10
Phenol
Concen: 58.450 ng
RT: 7.20 min Scan# 699
Delta R.T. 0.00 min
Lab File: BG042608.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.8	5.6	45.6
66	40.1	16.0	56.0





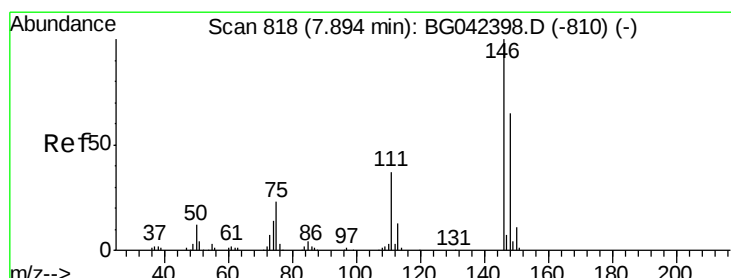
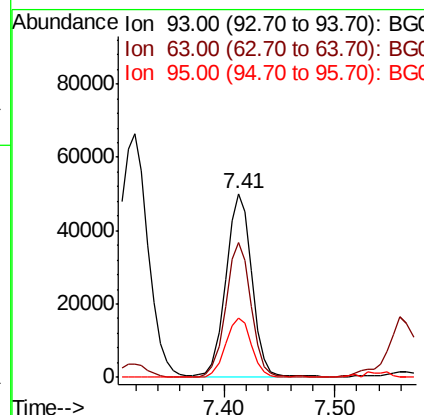
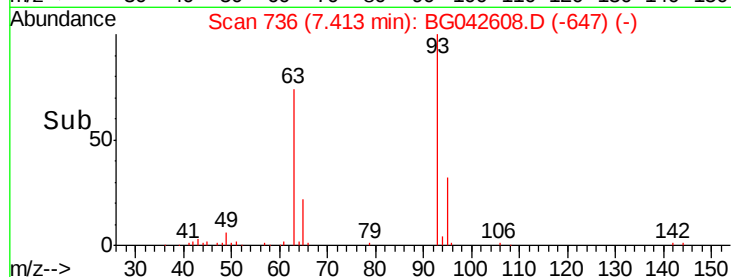
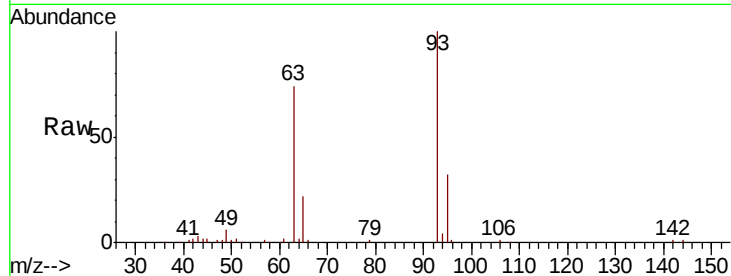
#11
bis(2-Chloroethyl)ether
Concen: 43.012 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	53.8	93.8
95	32.3	13.1	53.1

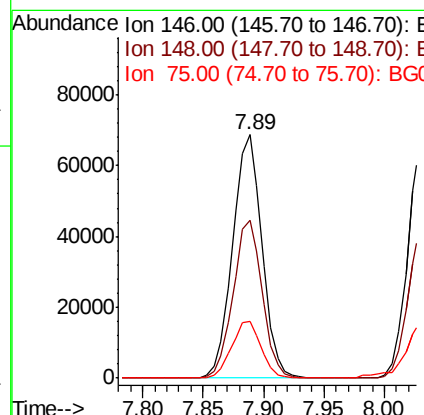
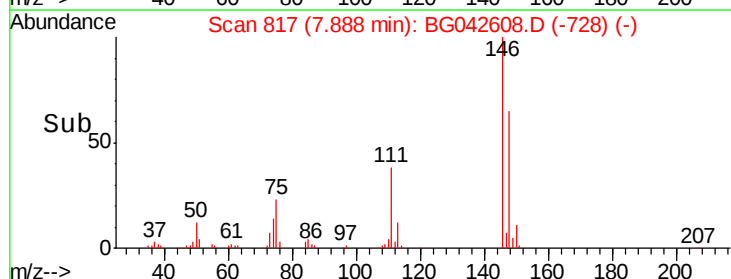
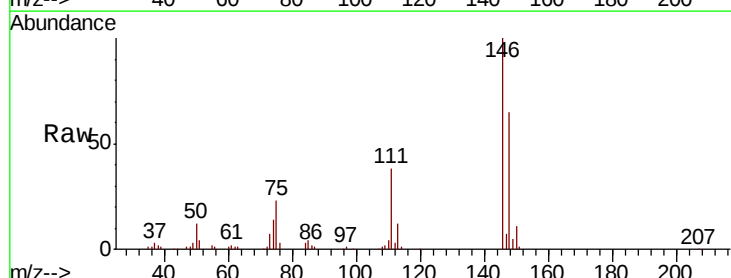
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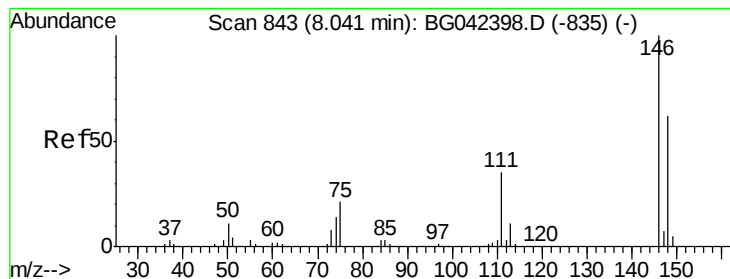
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.937 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
75	23.5	18.0	27.0





#13

1,4-Dichlorobenzene

Concen: 42.918 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

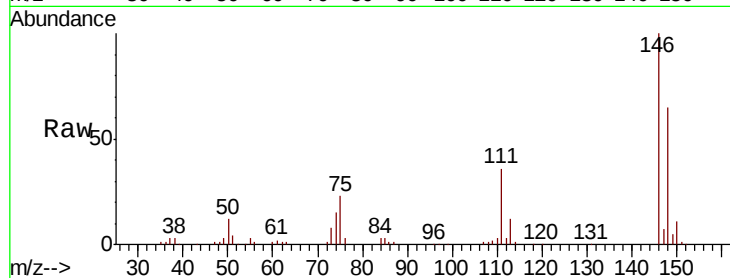
ClientSampleId :

S301-S-7.0-7.5-081919MSD

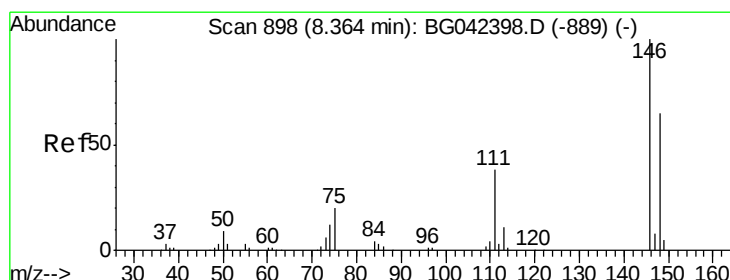
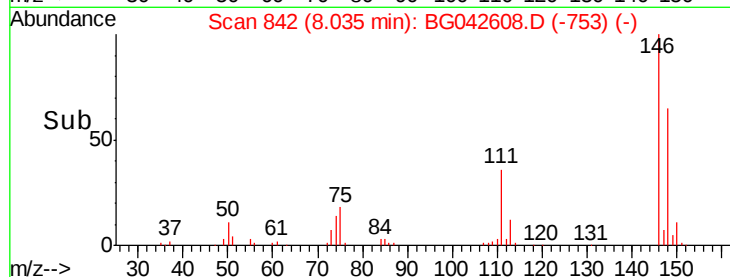
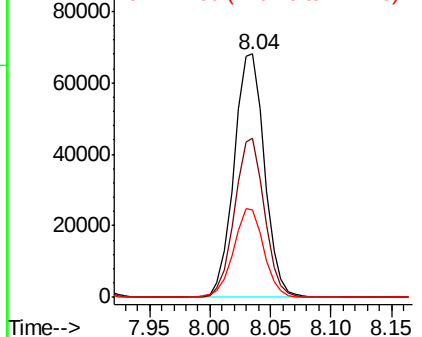
Tot Ion:	146	Resp:	119979
Ion Ratio	Lower	Upper	
146	100		
148	65.4	49.5	74.3
111	36.0	28.1	42.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.654 ng

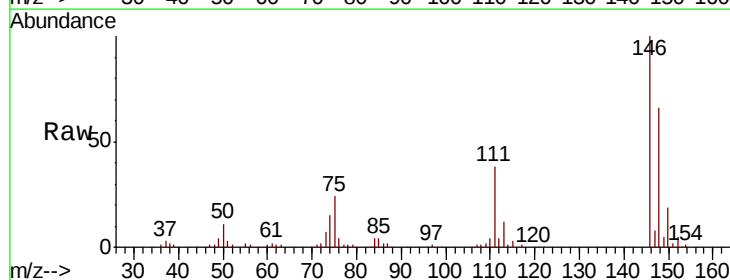
RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

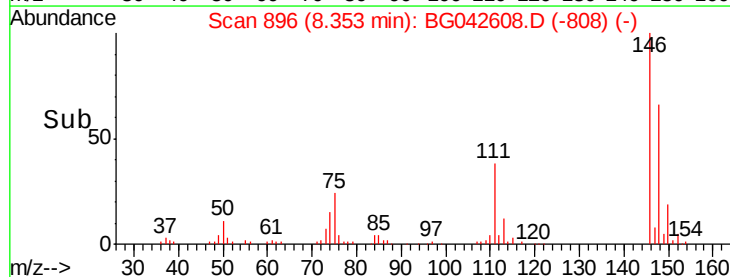
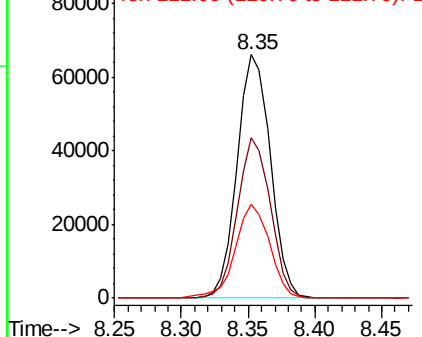
Lab File: BG042608.D

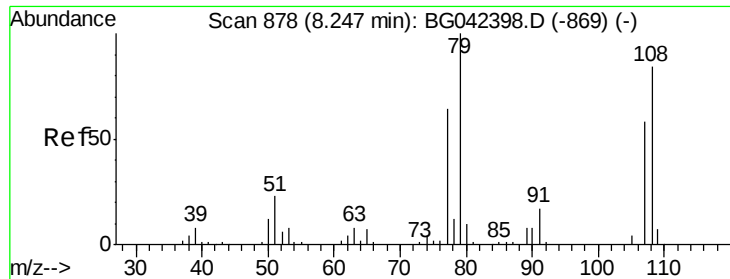
Acq: 30 Aug 2019 19:59

Tgt Ion:	146	Resp:	114192
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.8	77.6
111	38.4	30.9	46.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.049 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

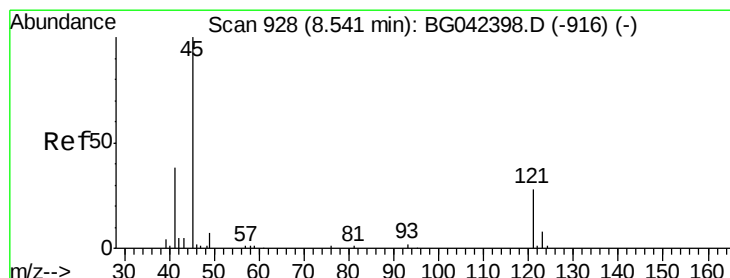
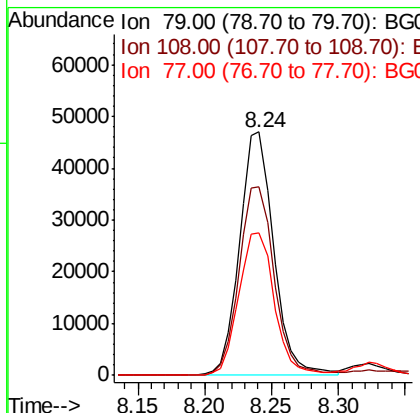
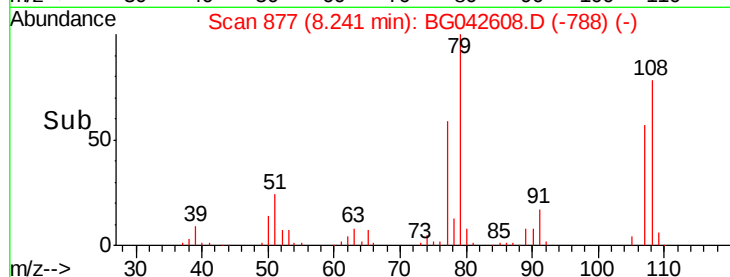
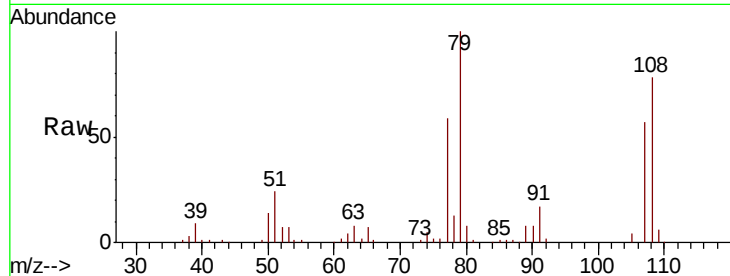
ClientSampleId :

S301-S-7.0-7.5-081919MSD

Tot Ion:	79	Resp:	83589
Ion	Ratio	Lower	Upper
79	100		
108	77.6	67.4	101.2
77	58.8	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.784 ng

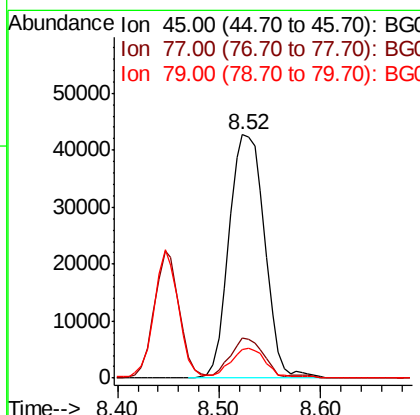
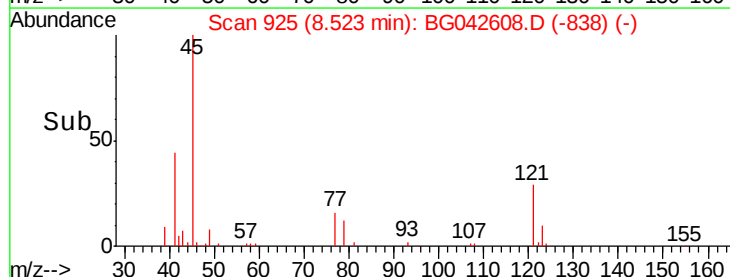
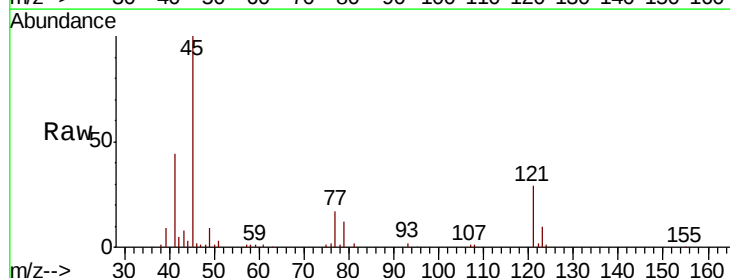
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	45	Resp:	104116
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	35.6
79	11.6	0.0	31.6





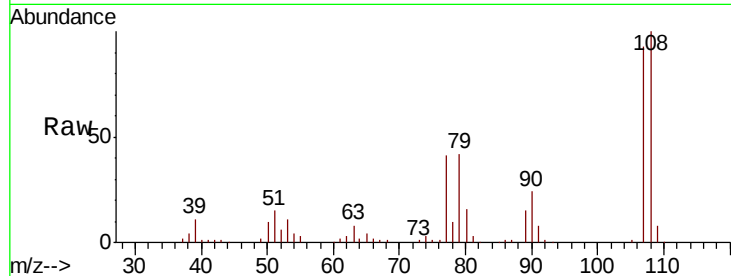
#17
2-Methylphenol
Concen: 47.290 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	92.9	139.3
77	44.4	34.4	51.6
79	45.0	33.8	50.6

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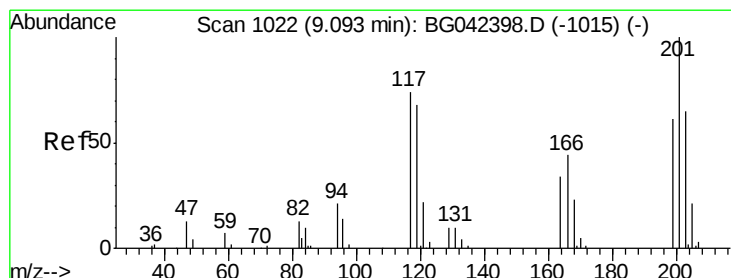
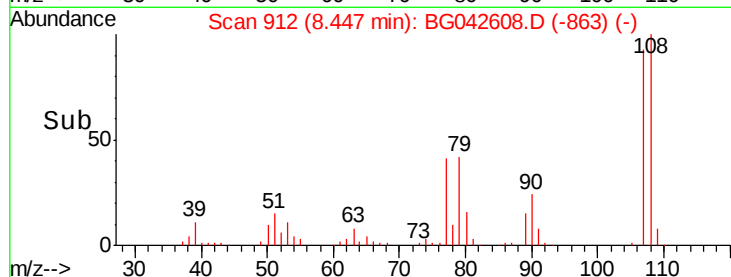
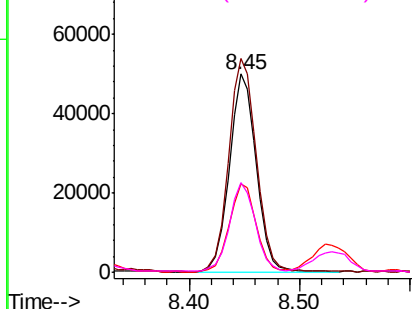
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.339 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

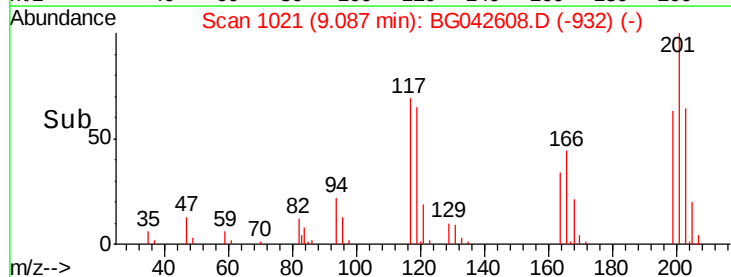
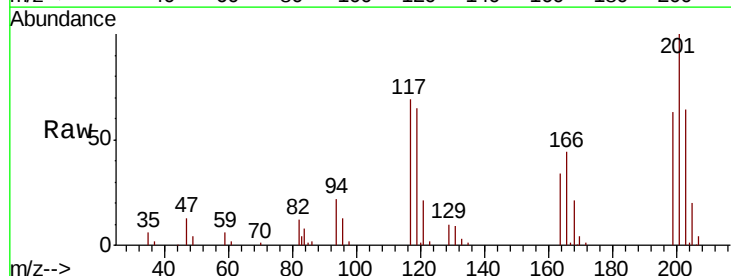
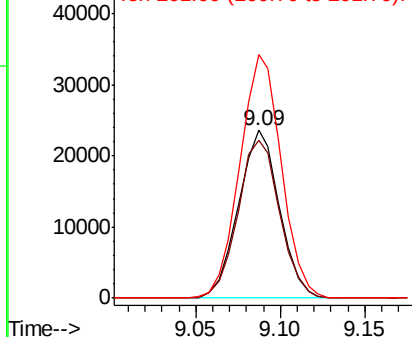
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.8	110.8
201	145.3	108.3	162.5

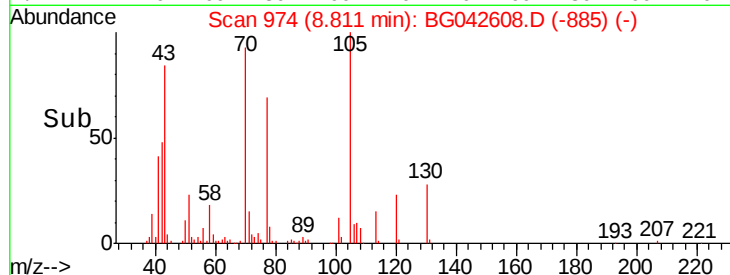
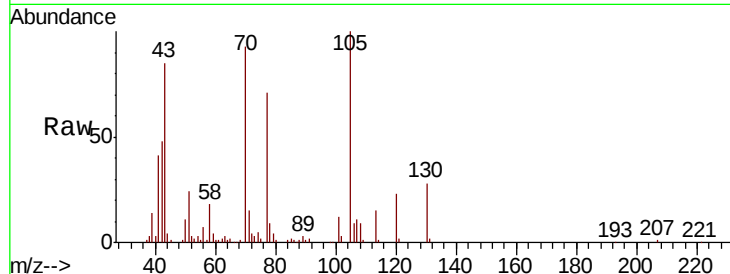
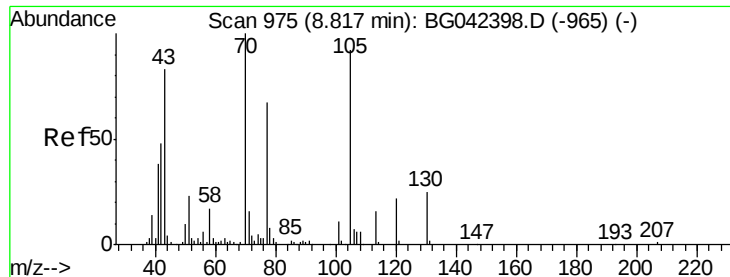
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





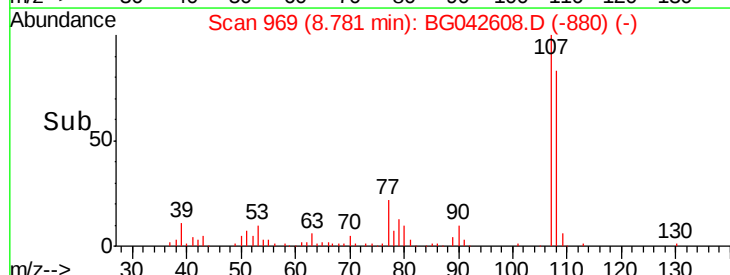
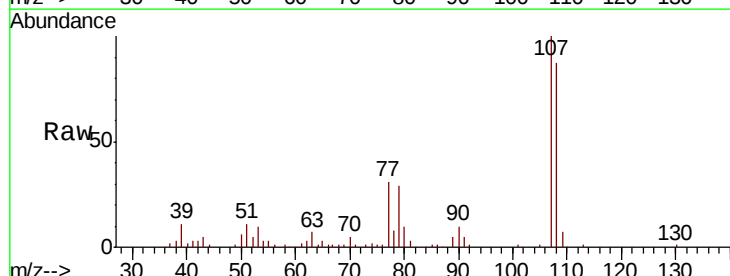
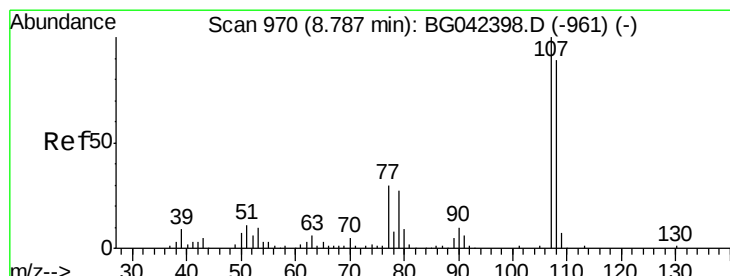
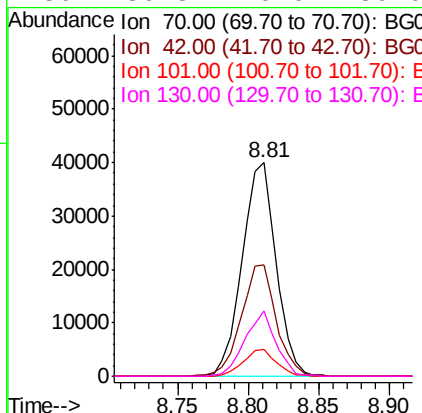
#19
n-Nitroso-di-n-propylamine
Concen: 42.902 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.9	38.8	58.2	
101	12.5	9.0	13.6	
130	30.3	20.0	30.0#	

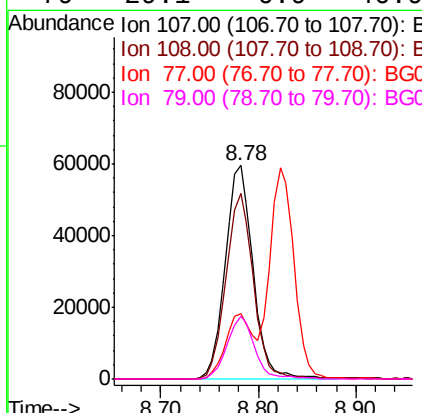
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#20
3+4-Methylphenols
Concen: 46.878 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	68.7	108.7	
77	30.6	10.2	50.2	
79	29.1	6.9	46.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

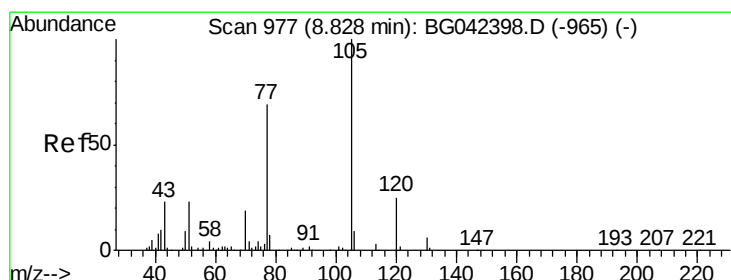
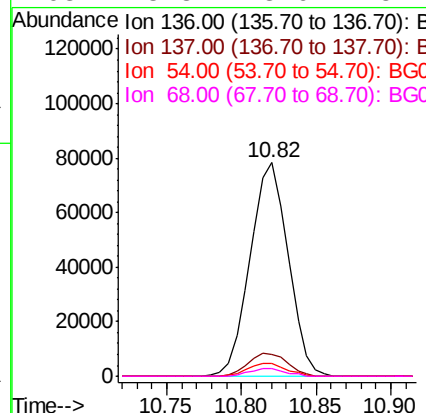
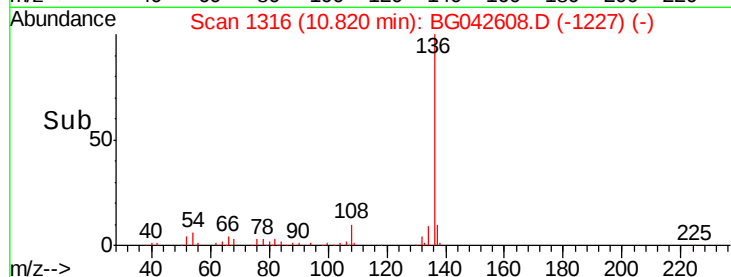
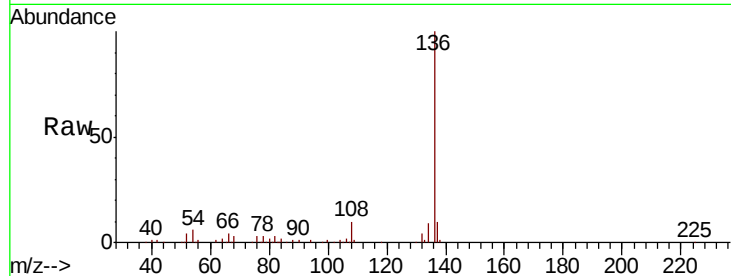
ClientSampleId :

S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.7	13.1	
54	6.0	4.9	7.3	
68	3.3	3.6	5.4	

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#22

Acetophenone

Concen: 50.851 ng

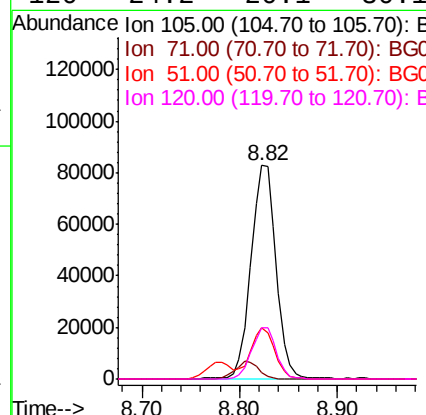
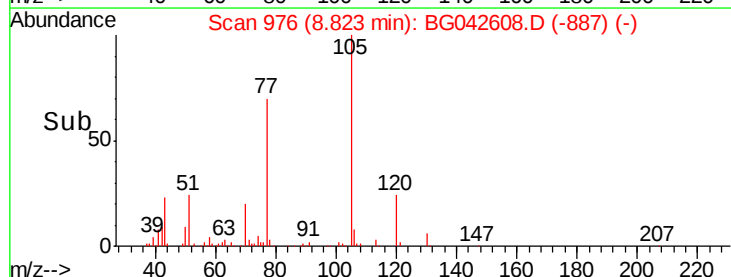
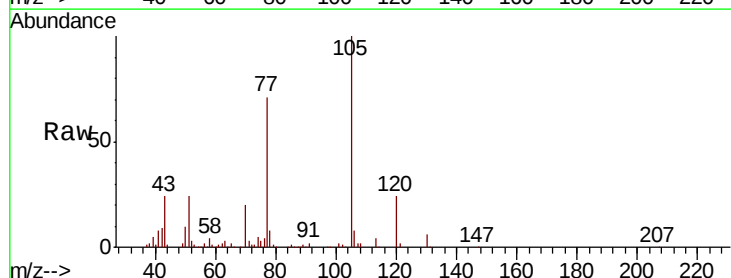
RT: 8.82 min Scan# 976

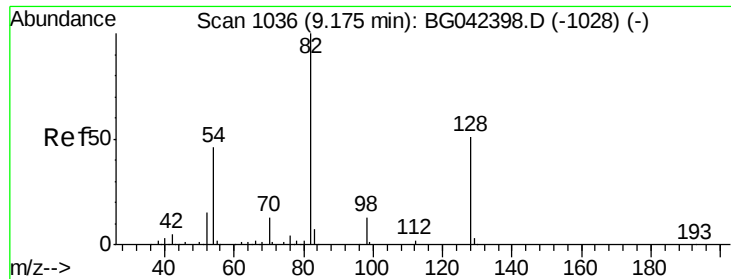
Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	2.8	4.2	
51	24.0	18.7	28.1	
120	24.2	20.1	30.1	





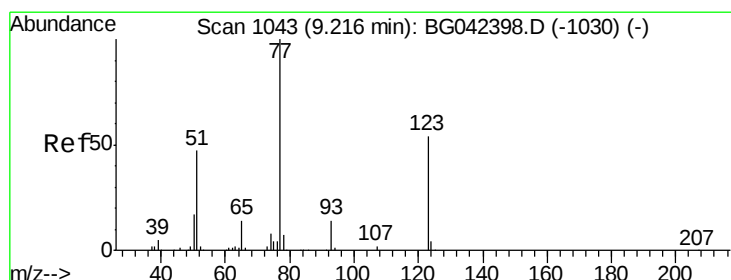
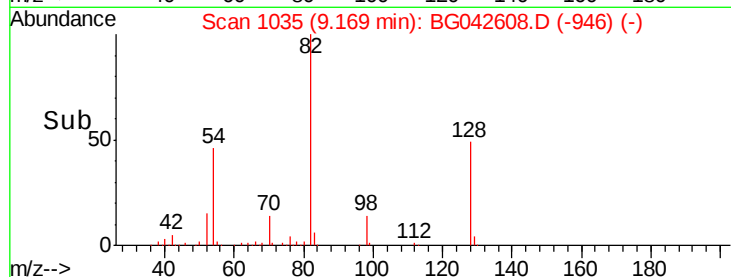
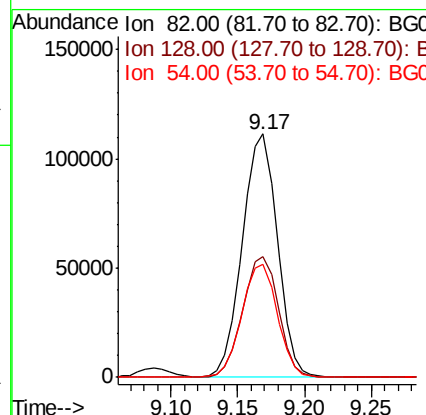
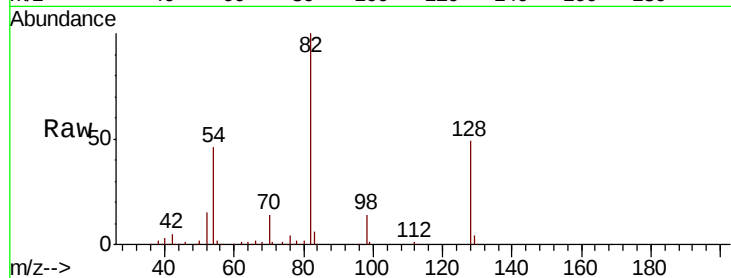
#23
 Nitrobenzene-d5
 Concen: 101.807 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	40.7	61.1
54	46.5	36.3	54.5

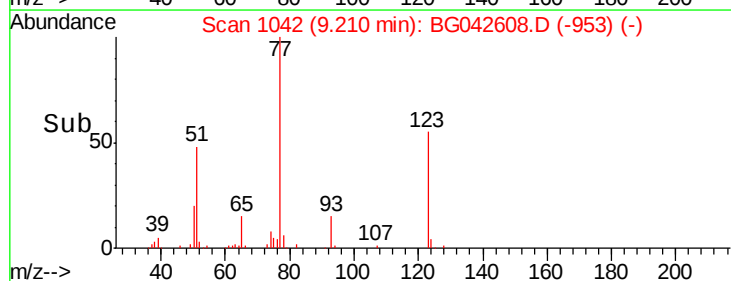
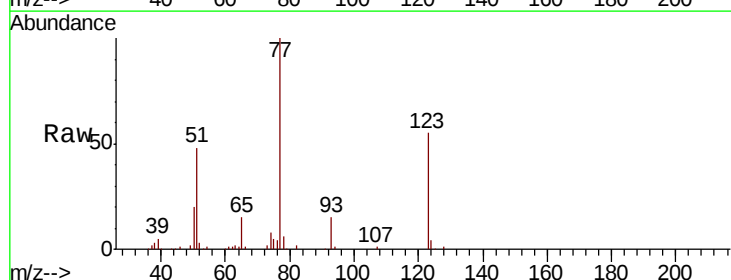
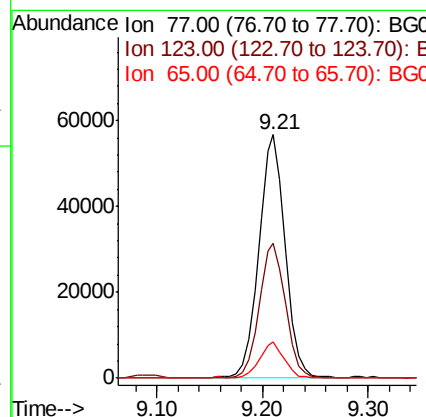
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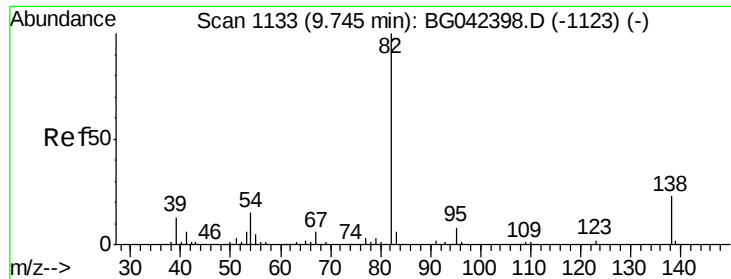
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#24
 Nitrobenzene
 Concen: 48.833 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.2	43.4	65.0
65	14.7	11.0	16.6





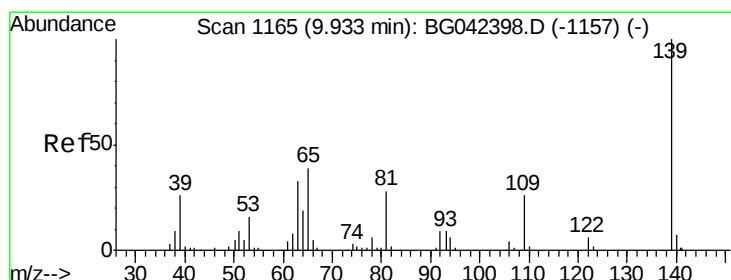
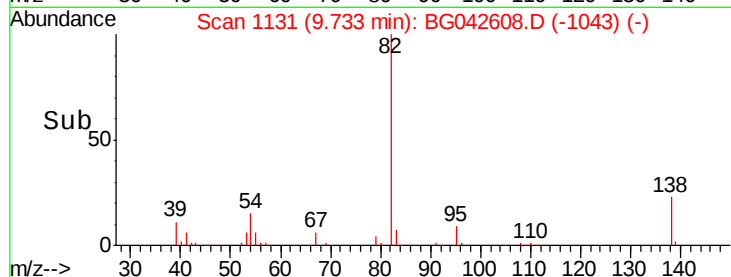
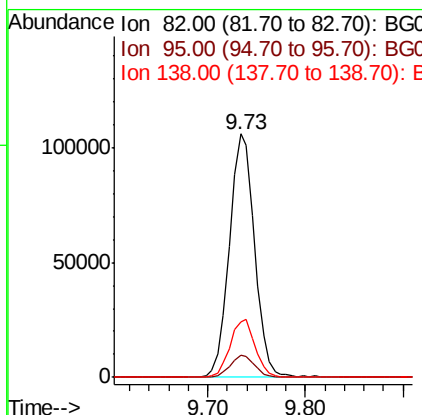
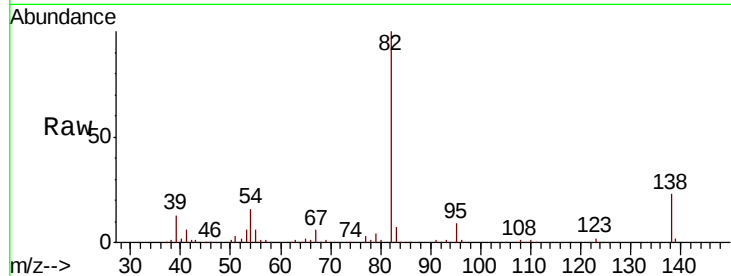
#25
Isophorone
Concen: 48.031 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	189280		
95	9.1	6.6	9.8	
138	23.0	18.6	27.8	

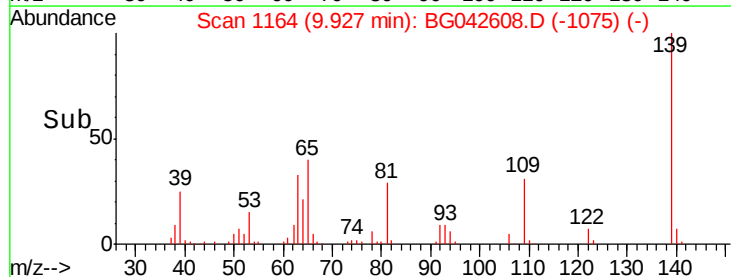
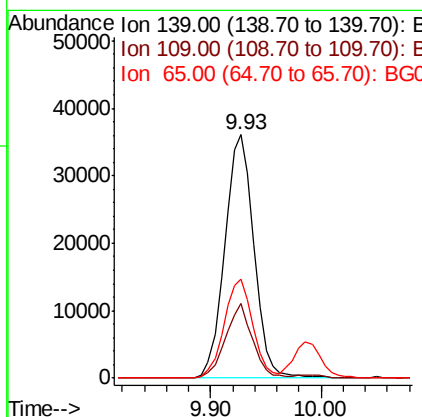
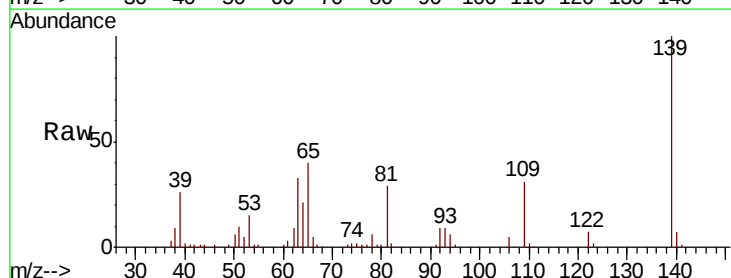
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#26
2-Nitrophenol
Concen: 52.478 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66498		
109	30.6	20.5	30.7	
65	40.4	30.9	46.3	





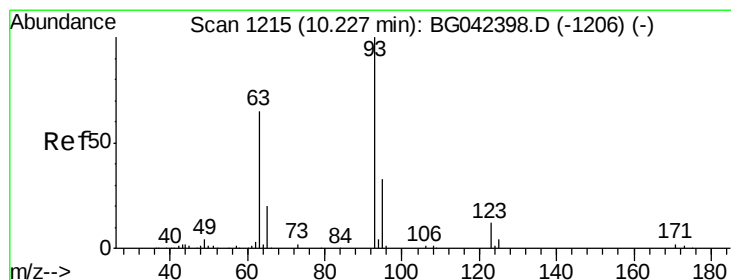
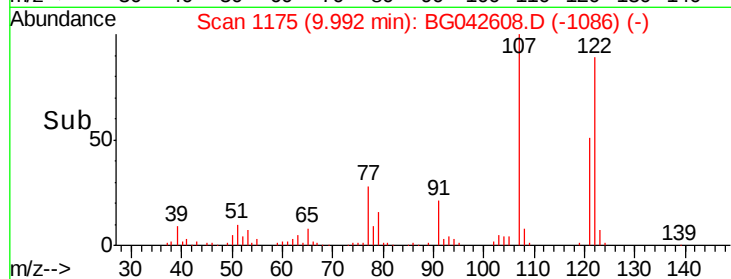
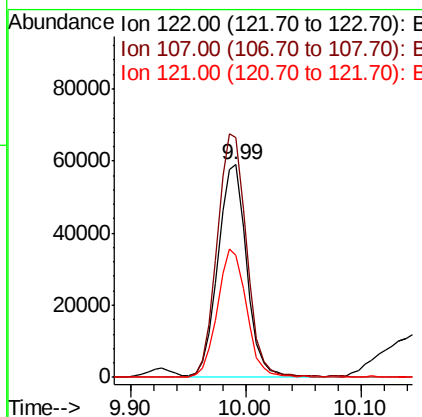
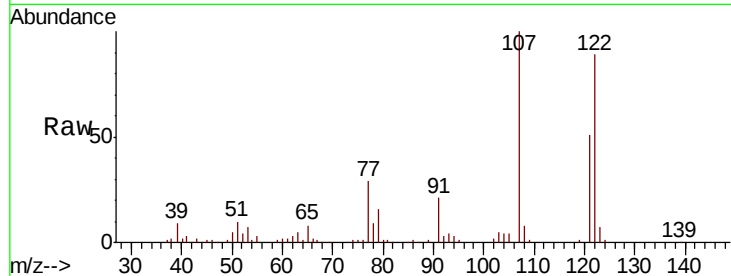
#27
 2,4-Dimethylphenol
 Concen: 57.828 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	90.8	136.2
121	57.6	49.6	74.4

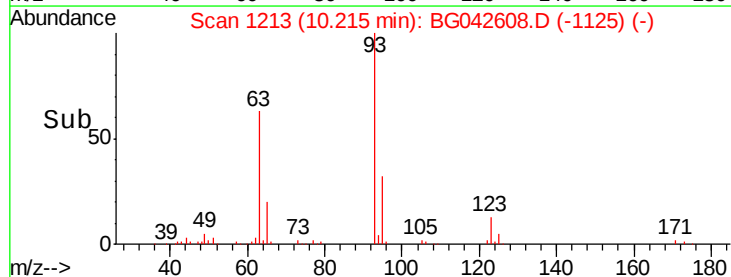
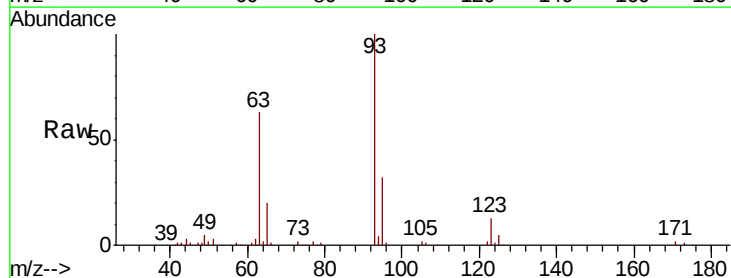
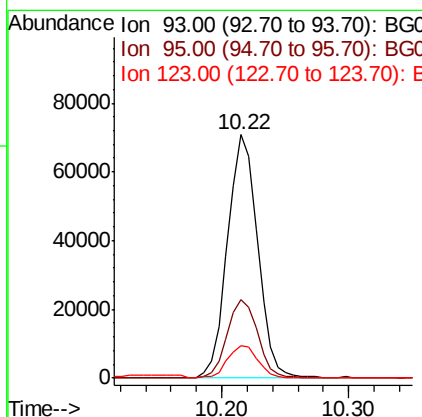
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.977 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	13.4	10.1	15.1





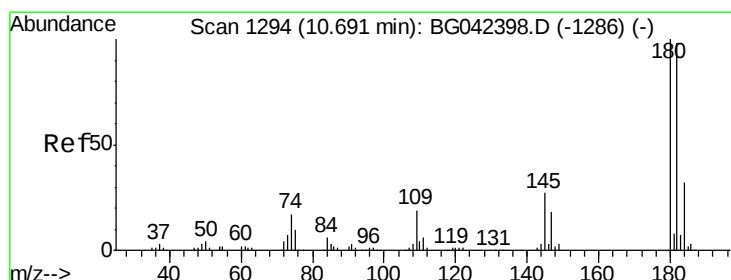
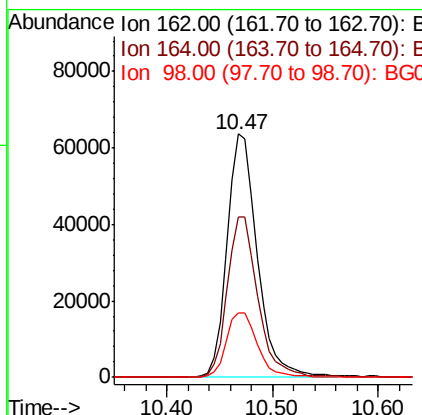
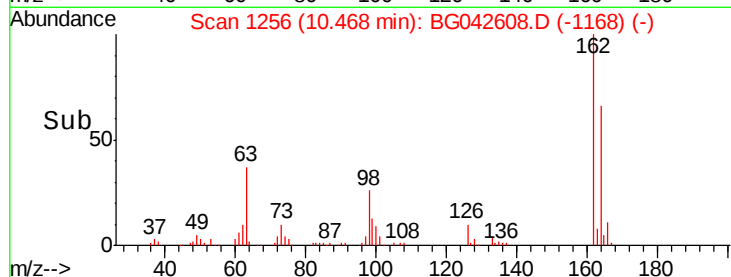
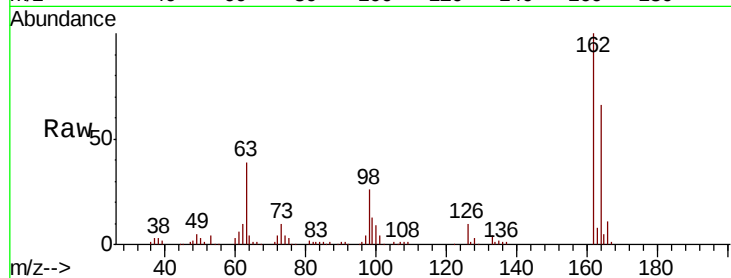
#29
 2,4-Dichlorophenol
 Concen: 55.018 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	125648		
164	65.8	48.1	88.1	
98	26.3	7.6	47.6	

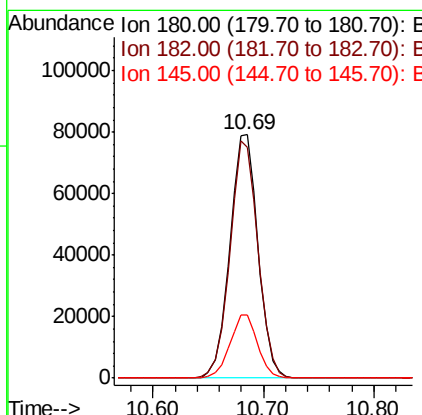
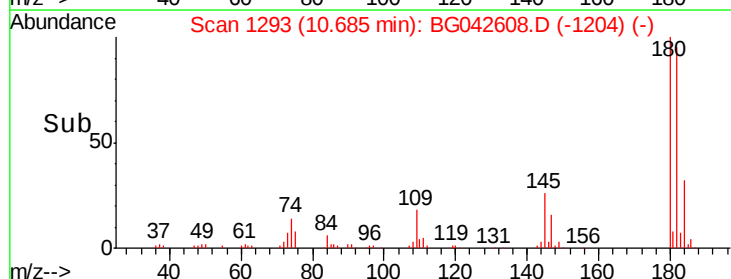
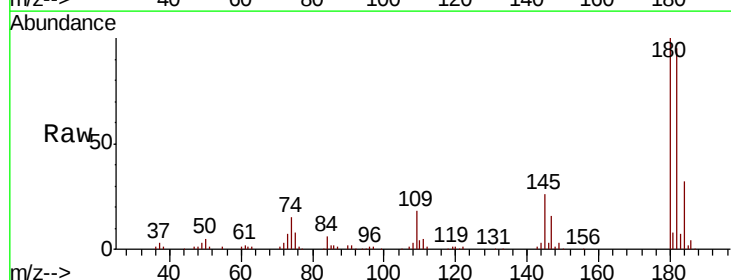
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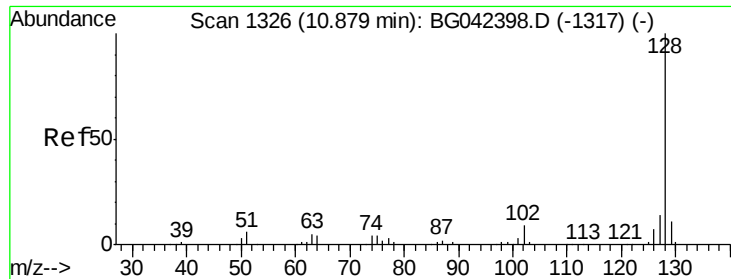
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.403 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141286		
182	94.7	78.7	118.1	
145	25.7	21.6	32.4	





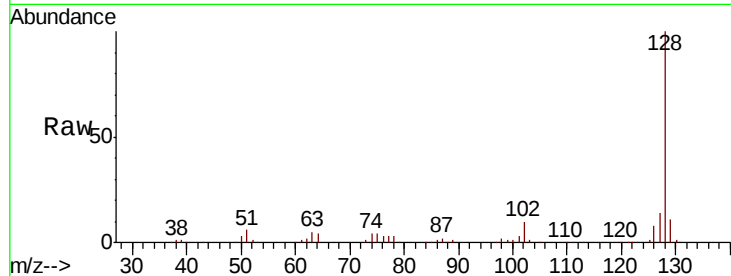
#31
Naphthalene
Concen: 50.013 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	14.3	11.4	17.0	

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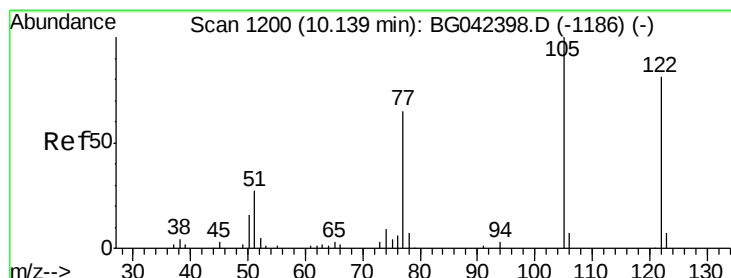
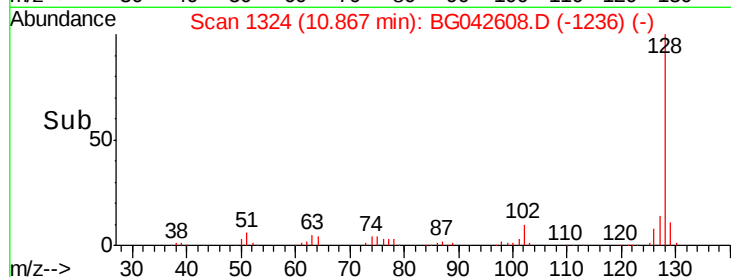
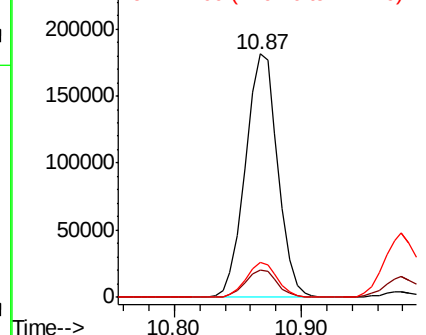


Abundance

Ion 128.00 (127.70 to 128.70): E

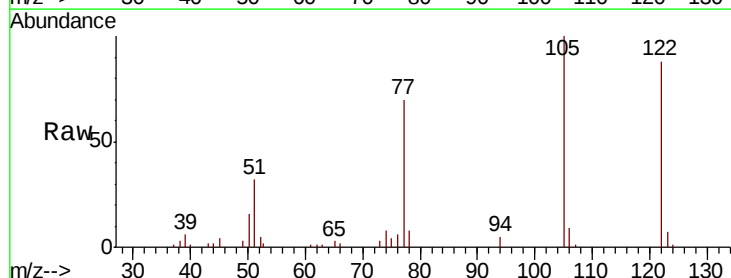
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.473 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	113.1	99.6	139.6	
77	79.7	59.5	99.5	

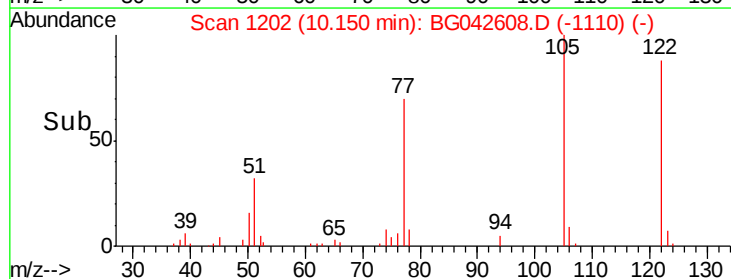
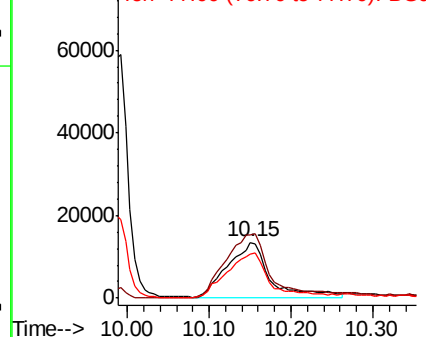


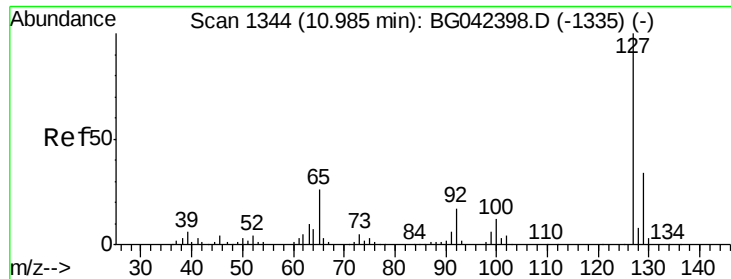
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





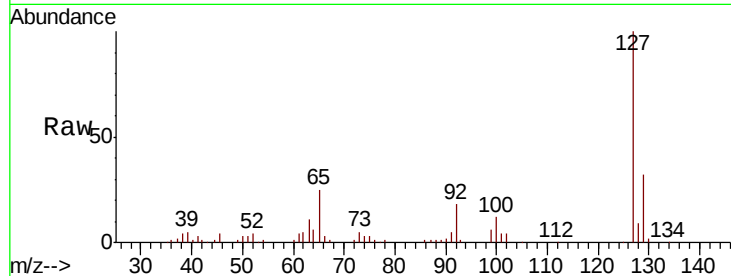
#33
4-Chloroaniline
Concen: 32.686 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

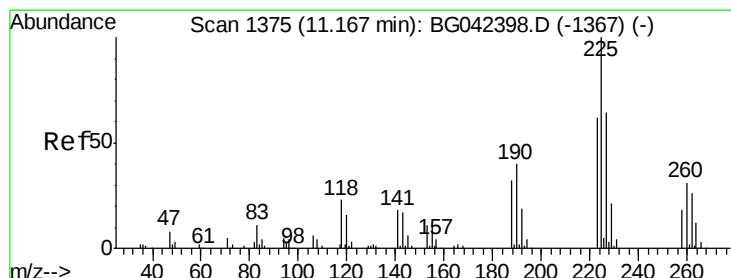
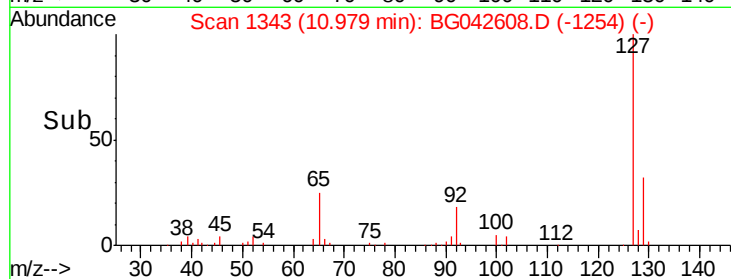
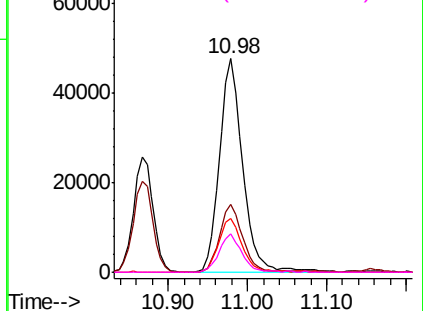
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.8	40.2
65	25.0	20.7	31.1
92	17.7	13.6	20.4

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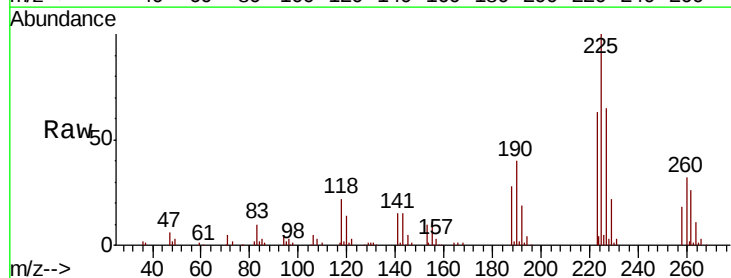


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

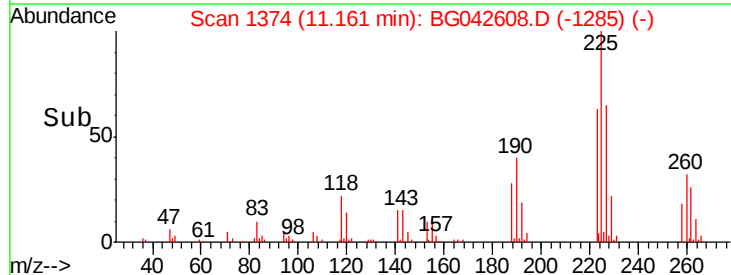
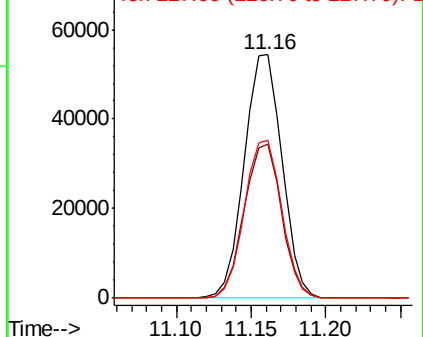


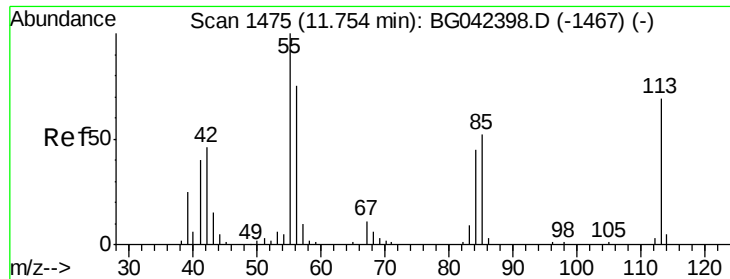
#34
Hexachlorobutadiene
Concen: 50.429 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	65.1	50.9	76.3



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





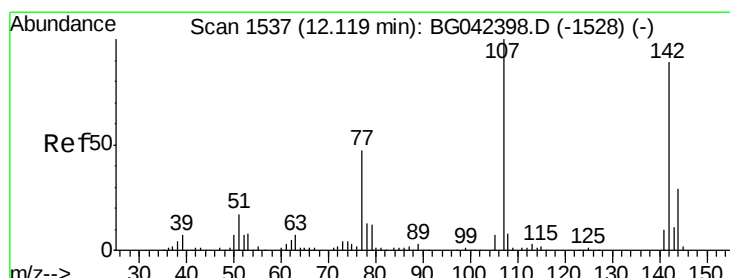
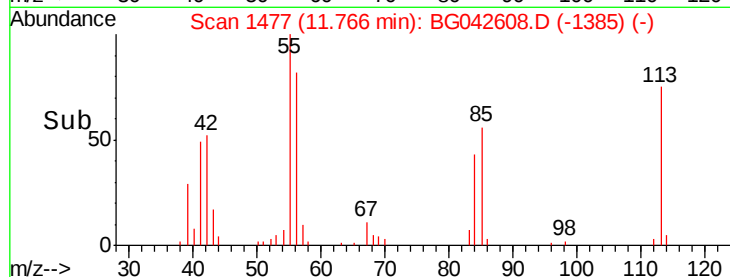
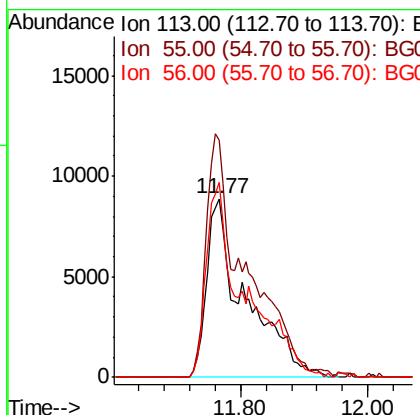
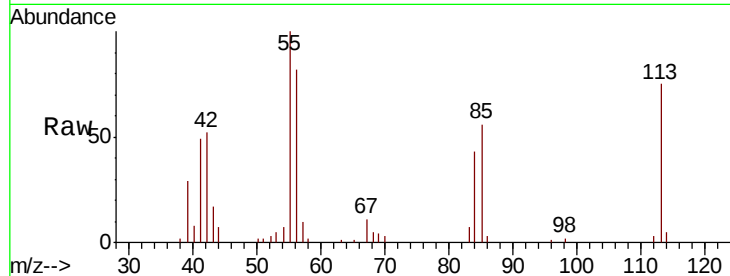
#35
Caprolactam
Concen: 48.976 ng/mL
RT: 11.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion: 113 Resp: 37321
Ion Ratio Lower Upper
113 100
55 132.9 124.6 164.6
56 109.1 88.3 128.3

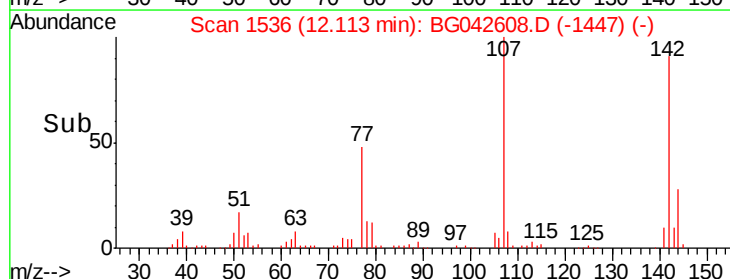
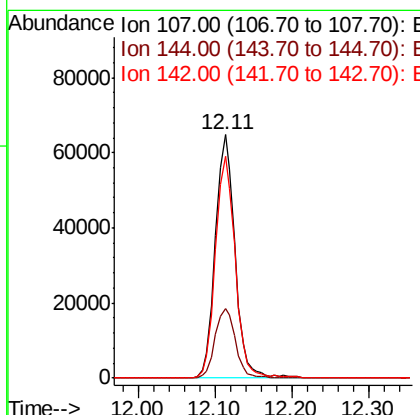
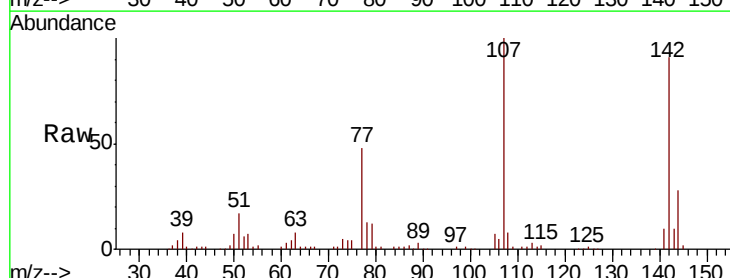
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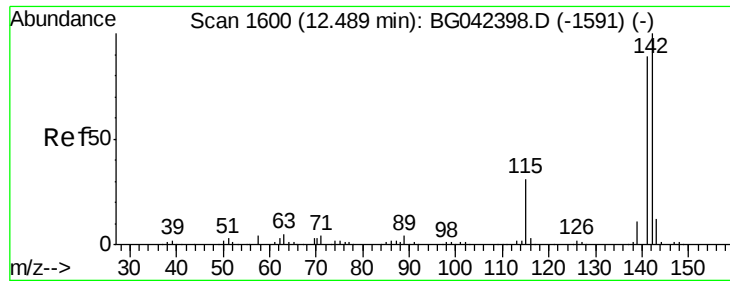
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#36
4-Chloro-3-methylphenol
Concen: 52.686 ng/mL
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion: 107 Resp: 114221
Ion Ratio Lower Upper
107 100
144 28.5 23.6 35.4
142 91.3 71.0 106.4





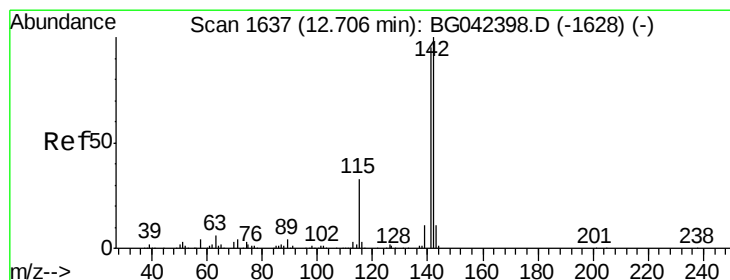
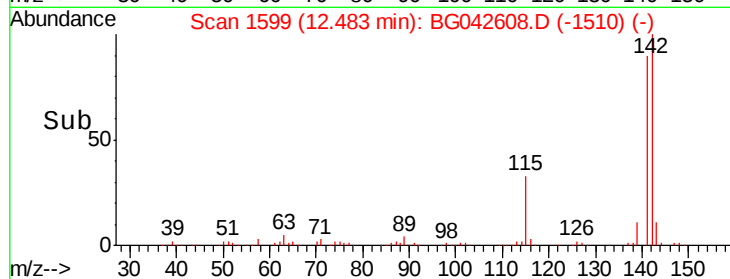
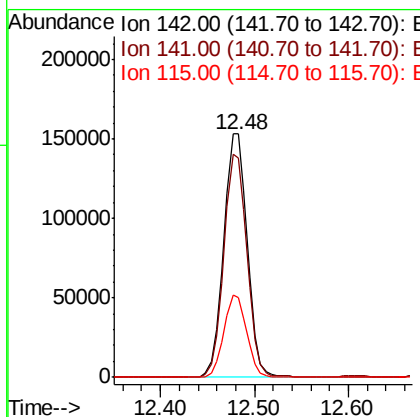
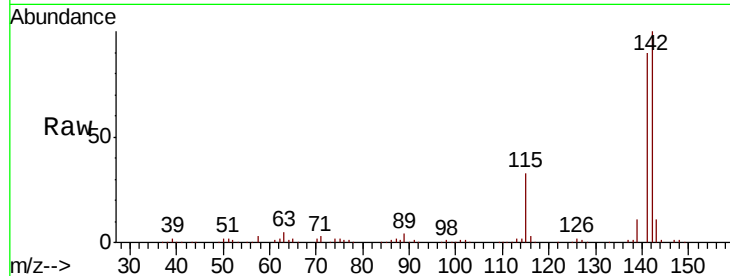
#37
2-Methylnaphthalene
Concen: 51.840 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	32.6	25.2	37.8

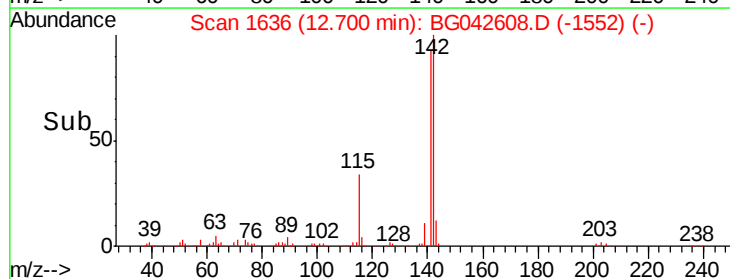
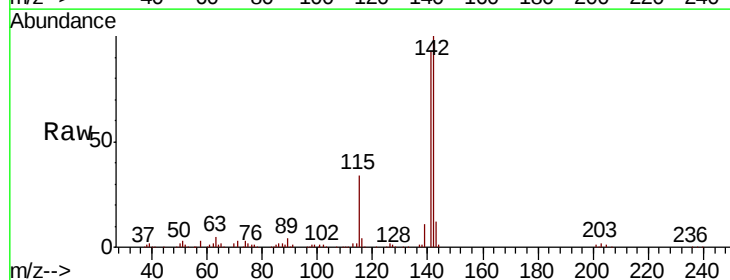
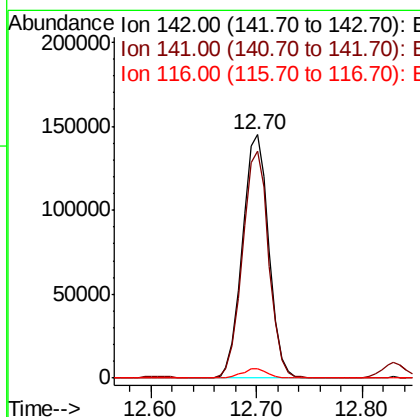
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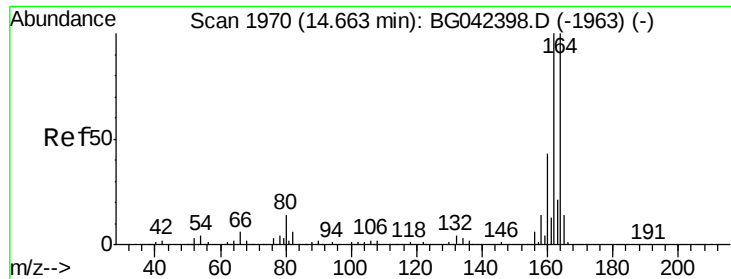
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#38
1-Methylnaphthalene
Concen: 51.237 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	76.2	114.2
116	3.7	2.8	4.2





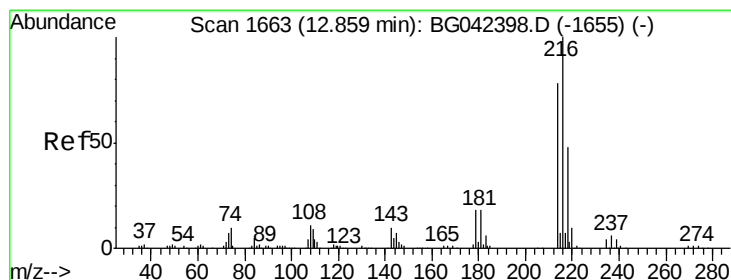
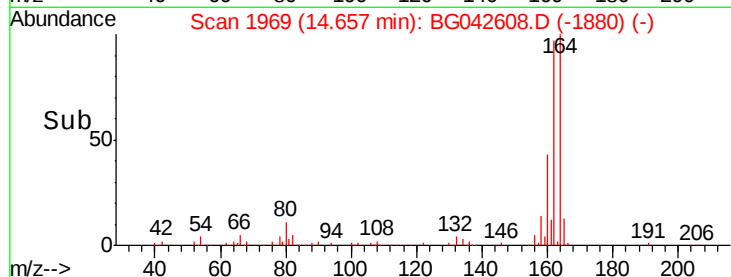
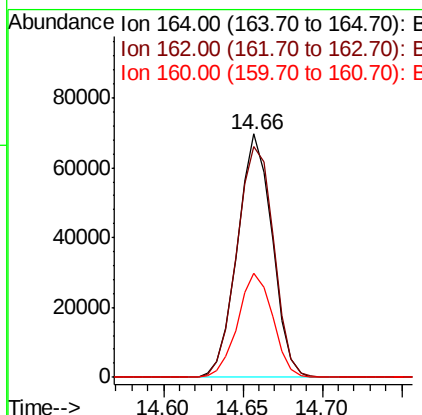
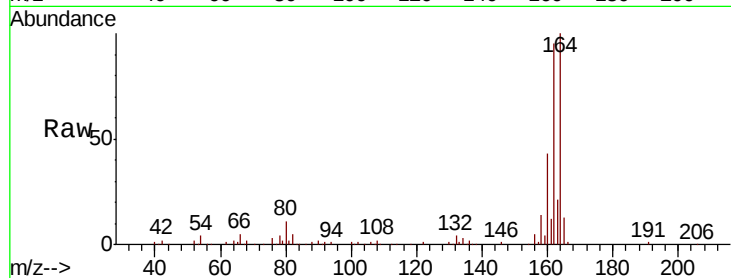
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	94.8	79.9	119.9
160	42.6	34.3	51.5

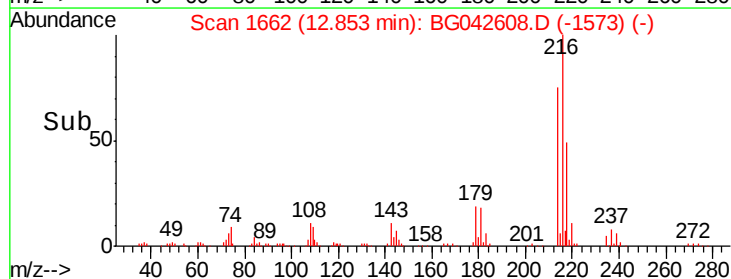
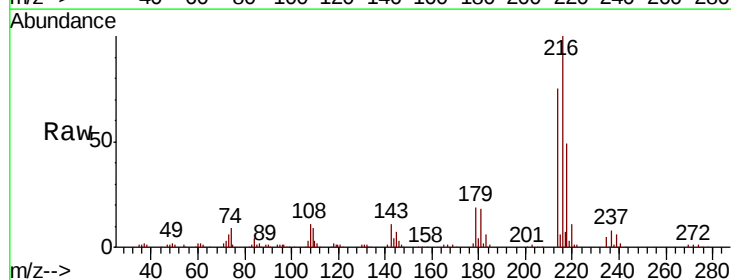
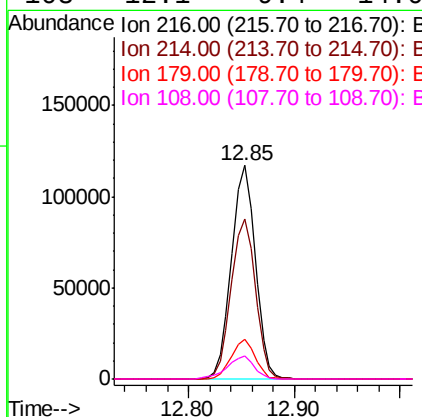
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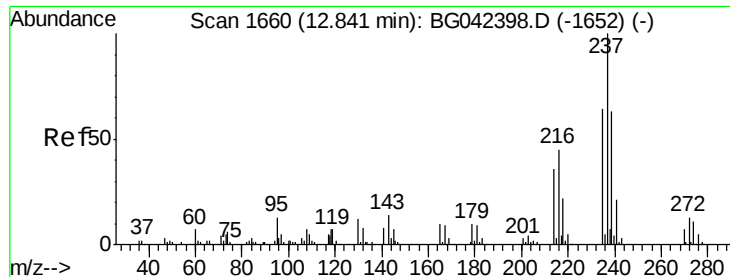
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.010 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	61.4	92.2
179	18.4	15.1	22.7
108	12.1	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 94.971 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

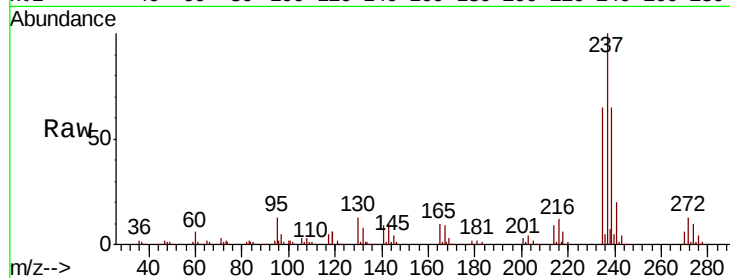
ClientSampleId :

S301-S-7.0-7.5-081919MSD

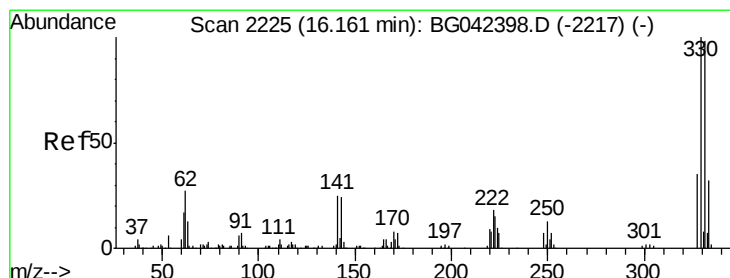
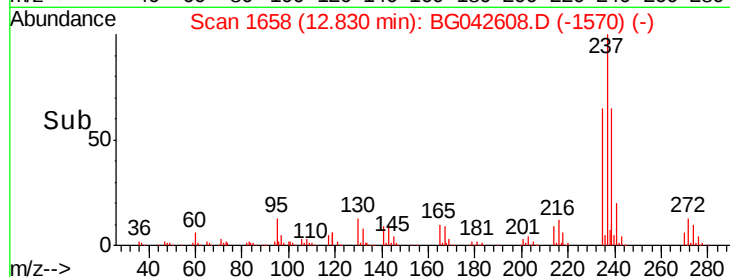
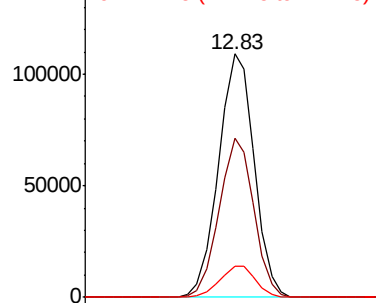
Tot Ion:	237	Resp:	169767
Ion Ratio	Lower	Upper	
237	100		
235	65.2	43.7	83.7
272	12.9	0.0	33.3

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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: 163.002 ng

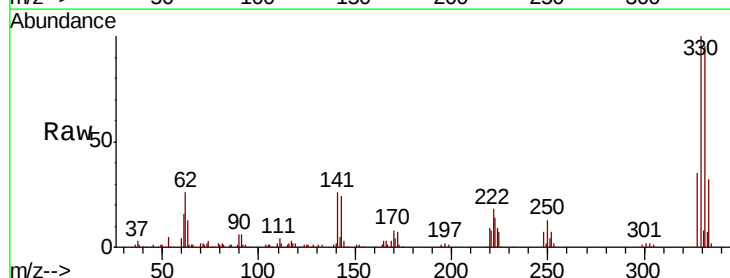
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

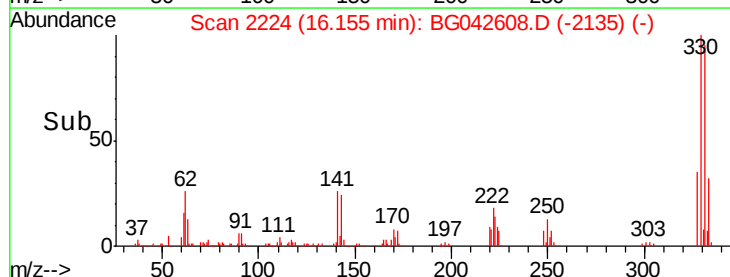
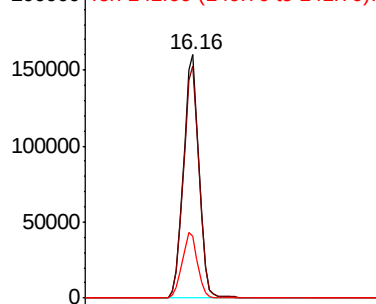
Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	330	Resp:	245508
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.0
141	26.8	21.4	32.0



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





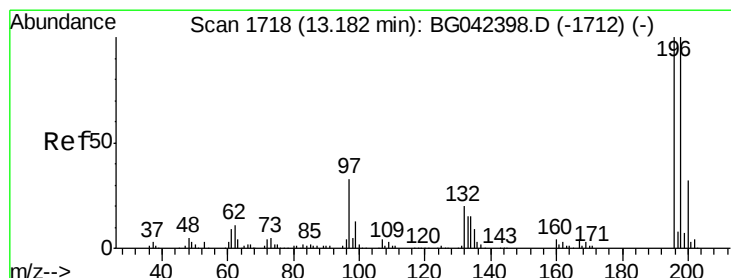
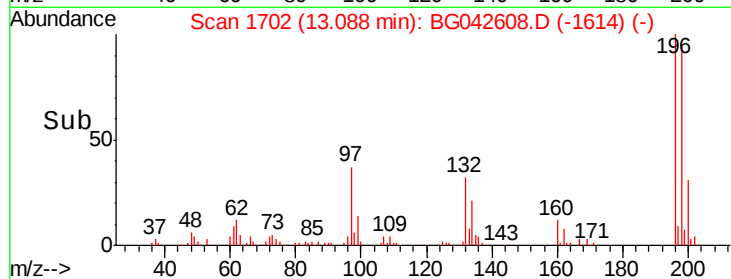
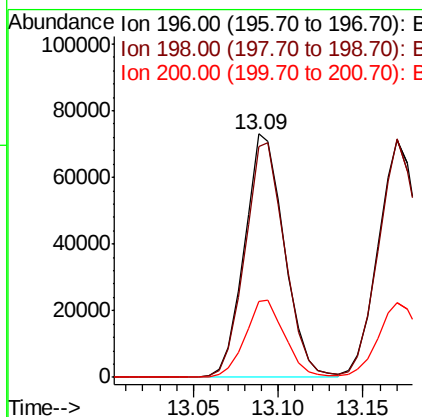
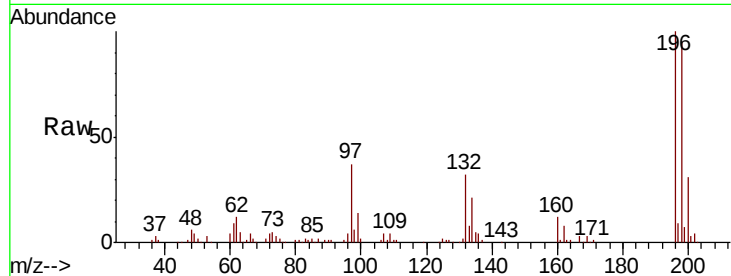
#43
 2,4,6-Trichlorophenol
 Concen: 51.824 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119207		
198	94.9	80.7	121.1	
200	31.1	25.7	38.5	

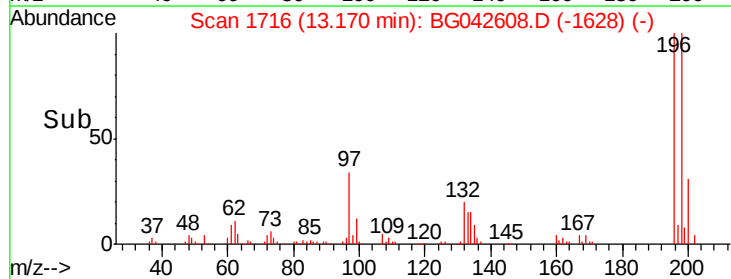
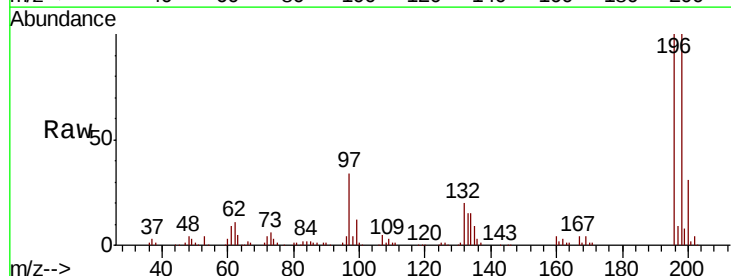
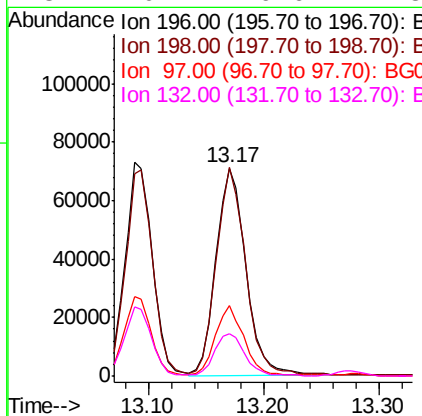
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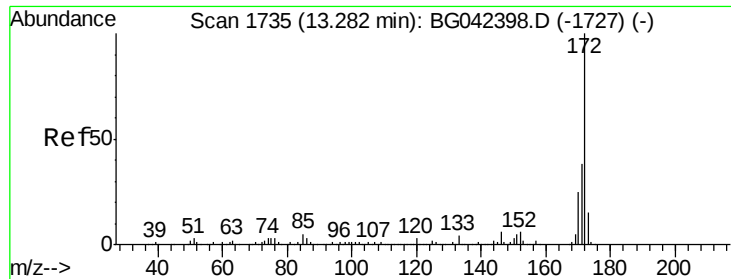
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#44
 2,4,5-Trichlorophenol
 Concen: 53.334 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127130		
198	100.3	80.2	120.4	
97	33.9	26.3	39.5	
132	20.2	16.6	24.8	





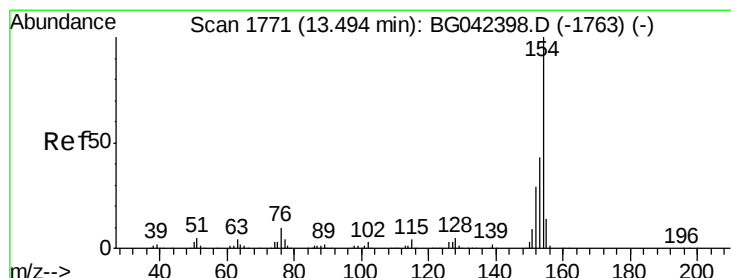
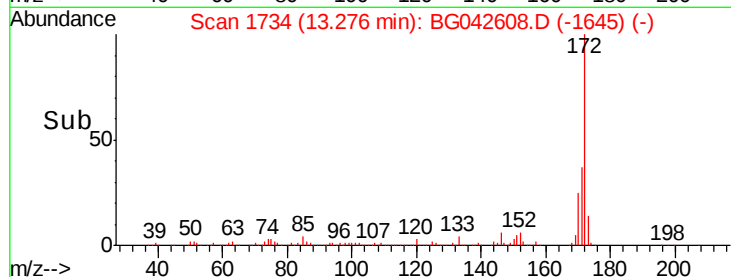
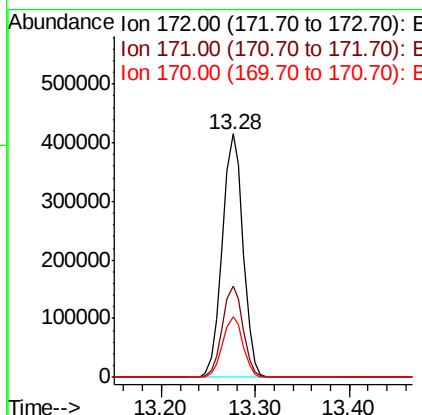
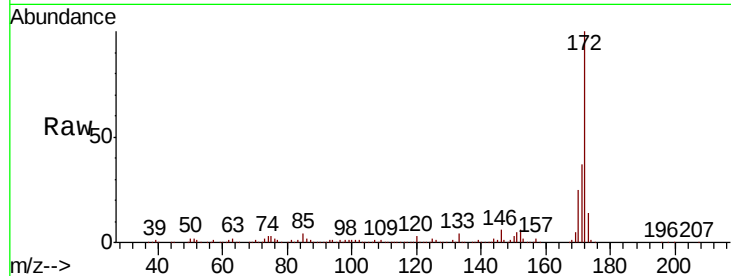
#45
2-Fluorobiphenyl
Concen: 102.126 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.7	20.2	30.2

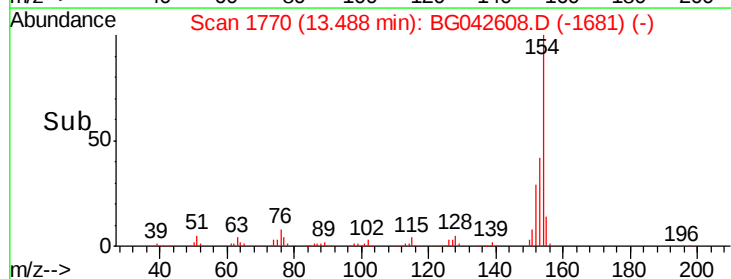
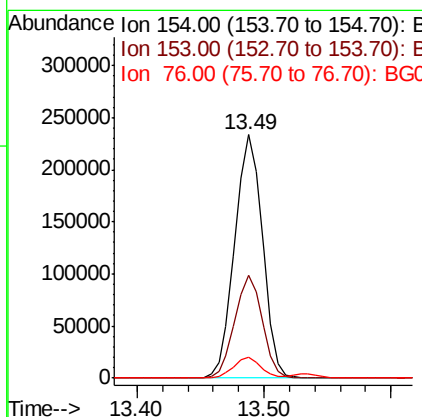
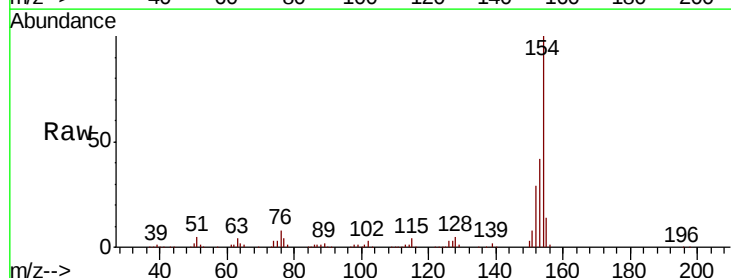
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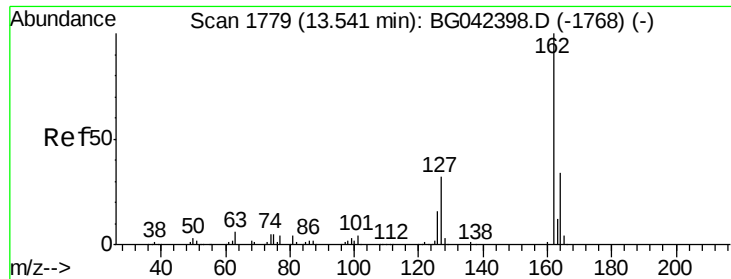
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#46
1,1'-Biphenyl
Concen: 51.725 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	23.0	63.0
76	8.5	0.0	29.6





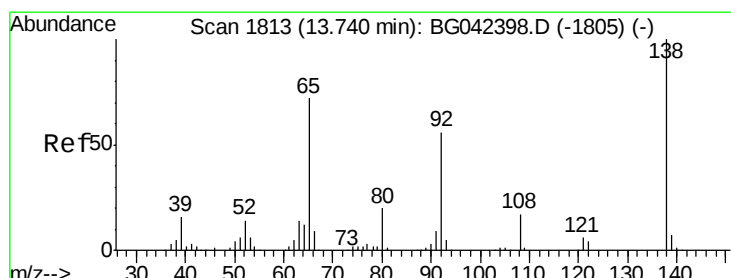
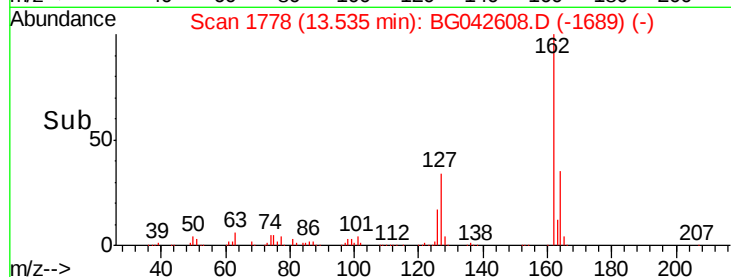
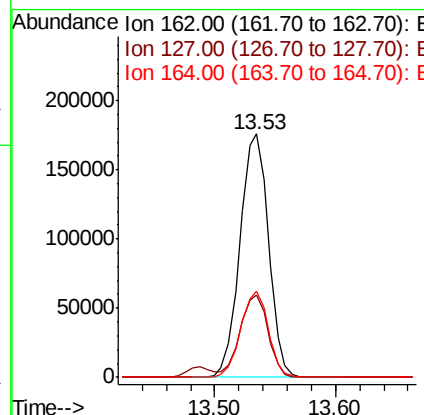
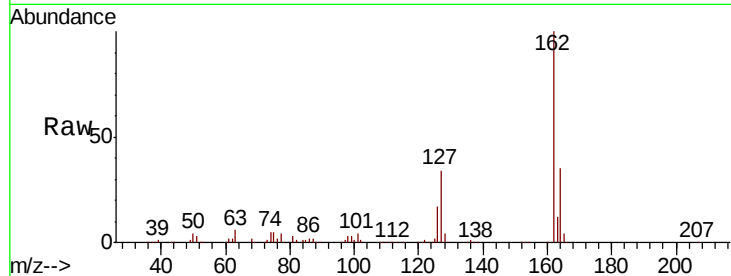
#47
 2-Chloronaphthalene
 Concen: 49.343 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.6	26.0	39.0
164	35.3	27.4	41.0

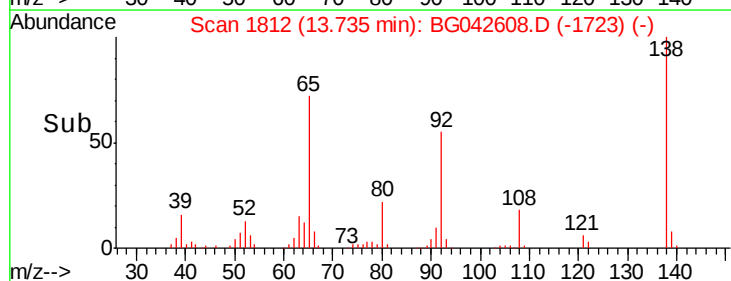
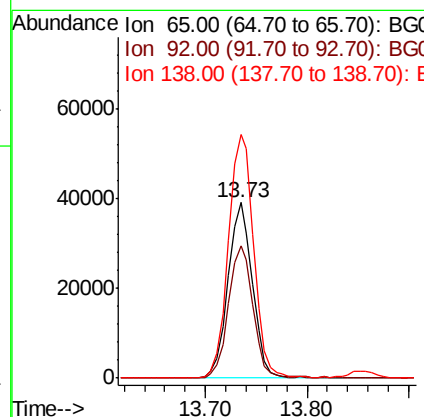
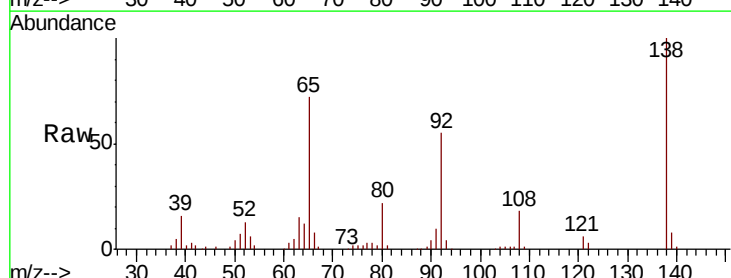
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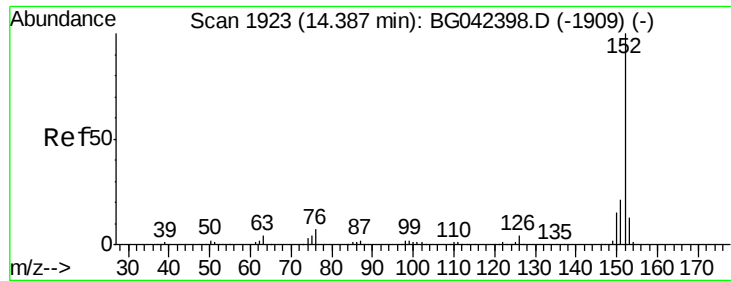
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#48
 2-Nitroaniline
 Concen: 45.821 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	61.8	92.6
138	138.8	111.0	166.6





#49

Acenaphthylene

Concen: 51.512 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

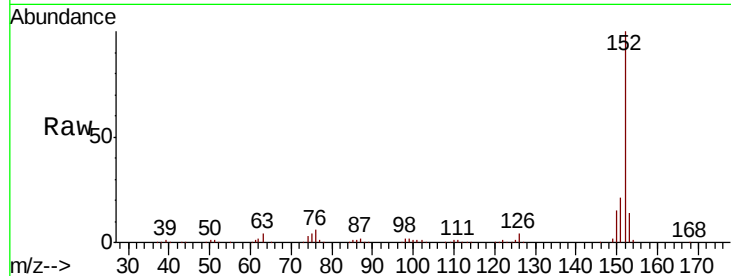
ClientSampleId :

S301-S-7.0-7.5-081919MSD

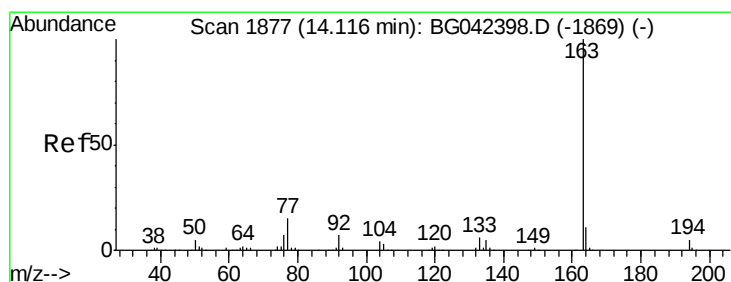
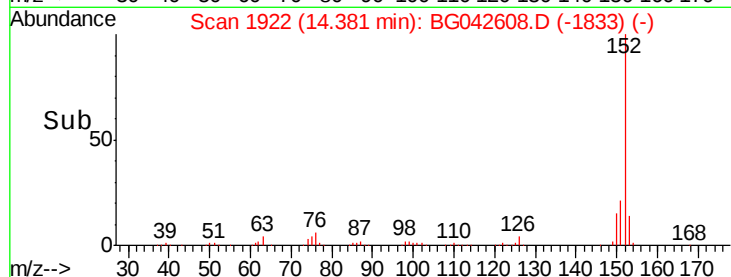
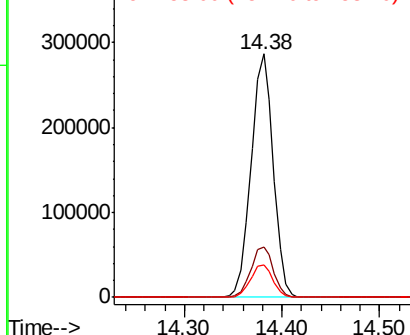
Tot Ion:	152	Resp:	457732
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.4
153	13.6	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.596 ng

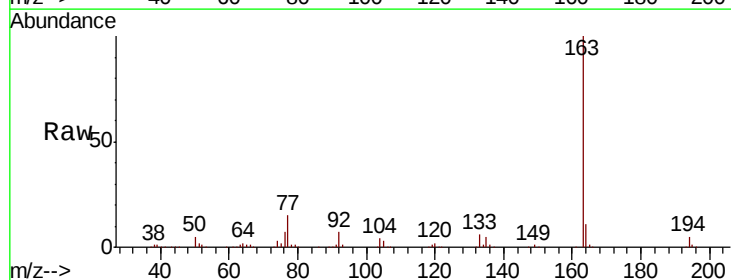
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

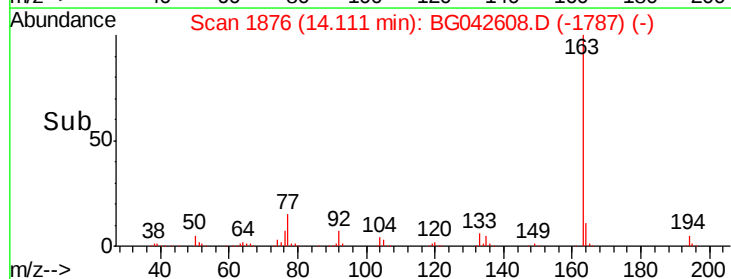
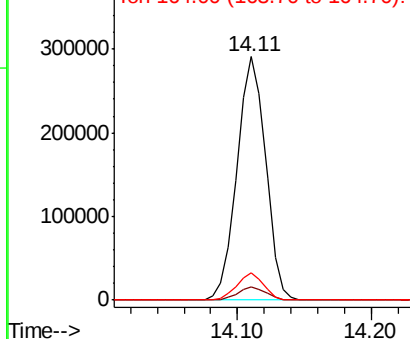
Lab File: BG042608.D

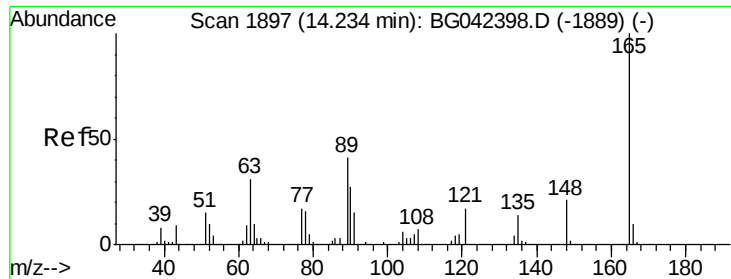
Acq: 30 Aug 2019 19:59

Tgt Ion:	163	Resp:	432732
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.2	6.2
164	11.1	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





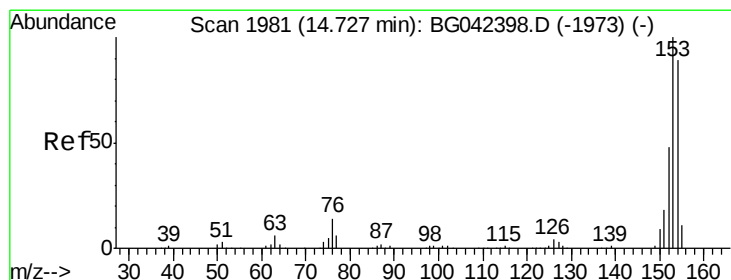
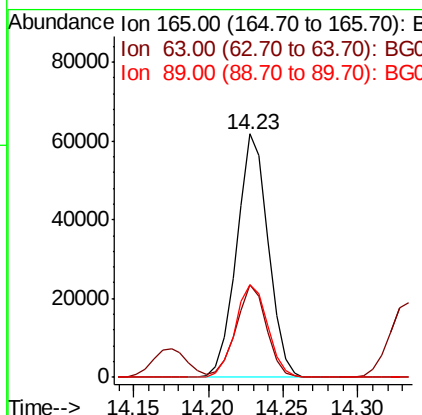
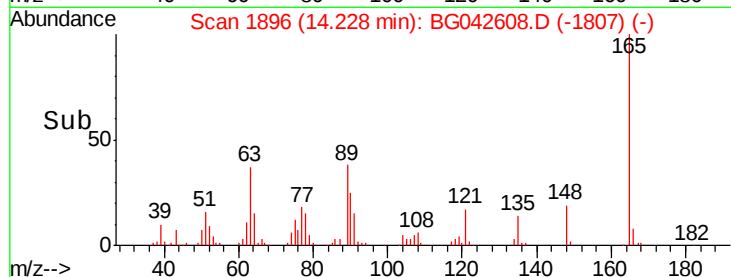
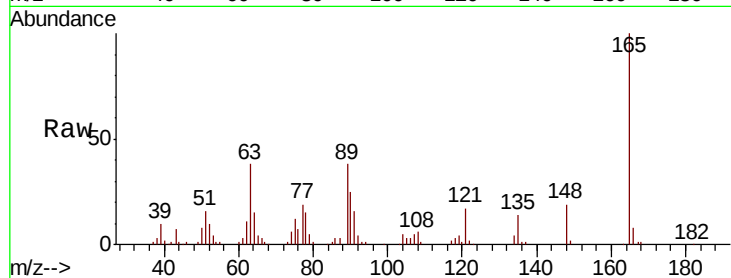
#51
 2,6-Dinitrotoluene
 Concen: 51.160 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	90670		
63	37.8		30.6	45.8
89	38.1		32.6	49.0

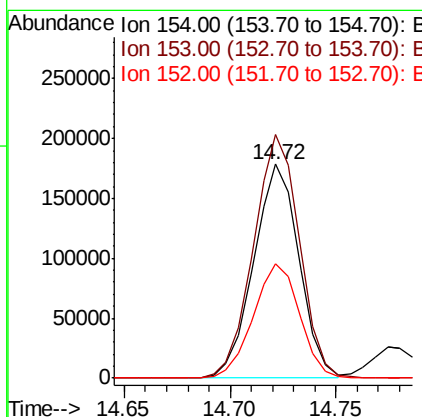
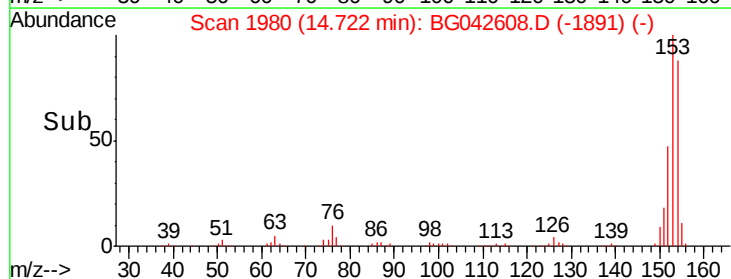
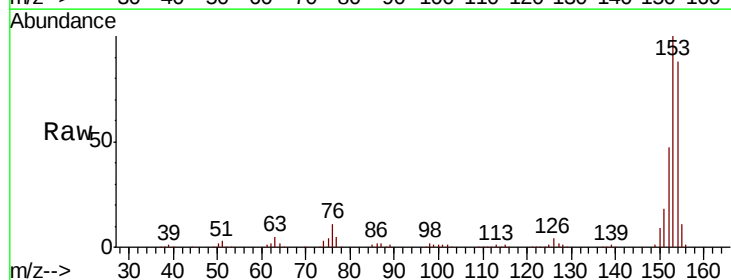
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#52
 Acenaphthene
 Concen: 49.371 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	266389		
153	114.0		90.2	135.4
152	53.3		43.2	64.8





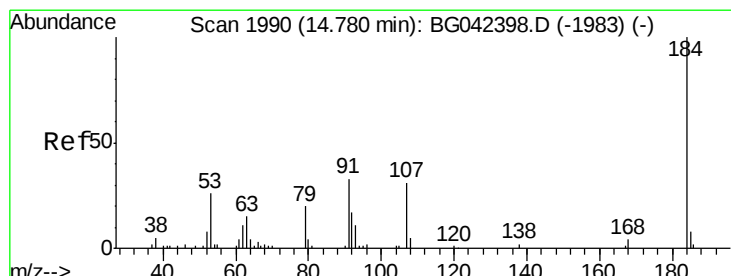
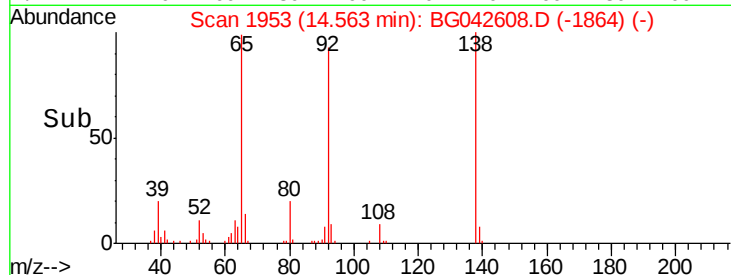
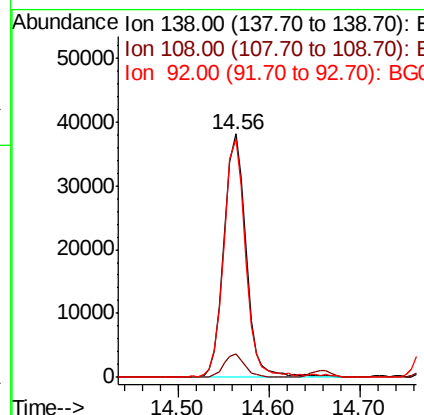
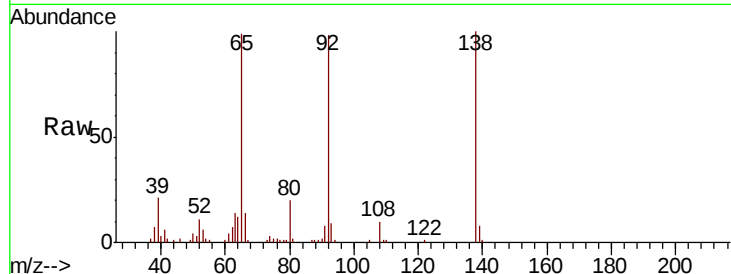
#53
 3-Nitroaniline
 Concen: 36.406 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.3	12.5
92	97.8	78.2	117.4

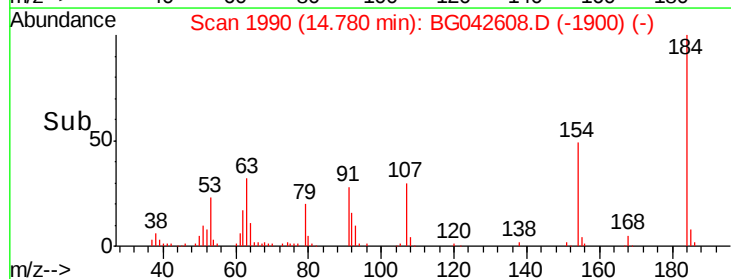
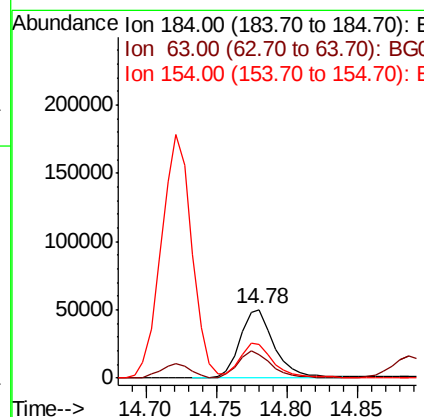
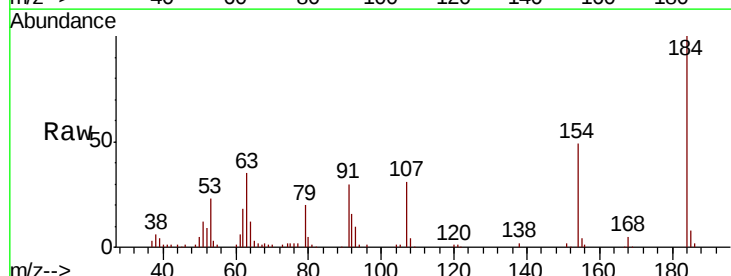
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#54
 2,4-Dinitrophenol
 Concen: 72.145 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	34.6	31.7	47.5
154	49.1	42.0	63.0





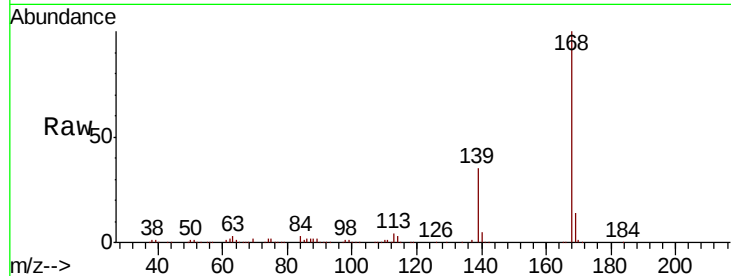
#55
Dibenzofuran
Concen: 52.148 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

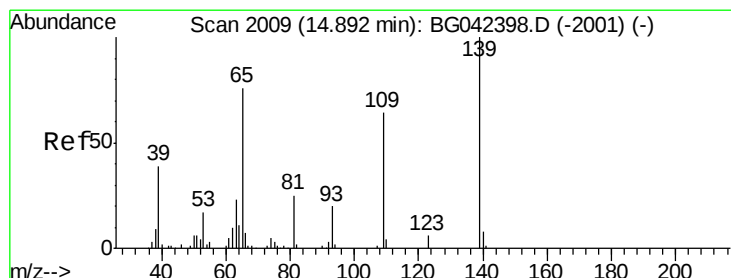
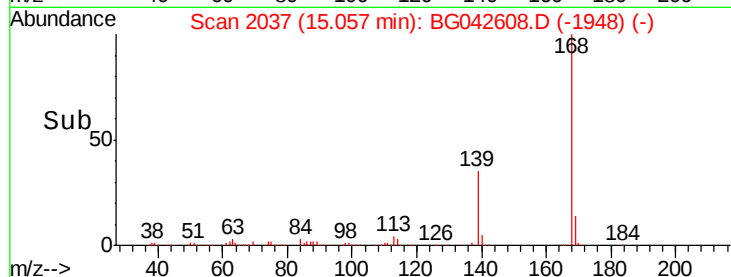
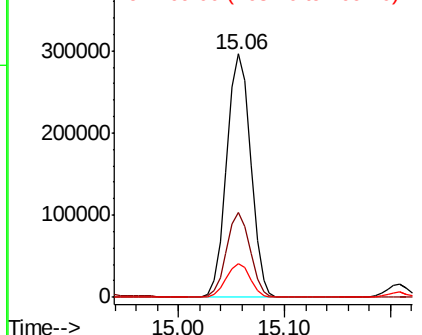
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.2	40.8
169	13.8	11.5	17.3

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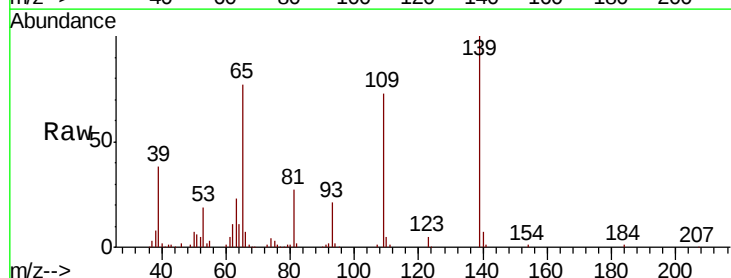


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

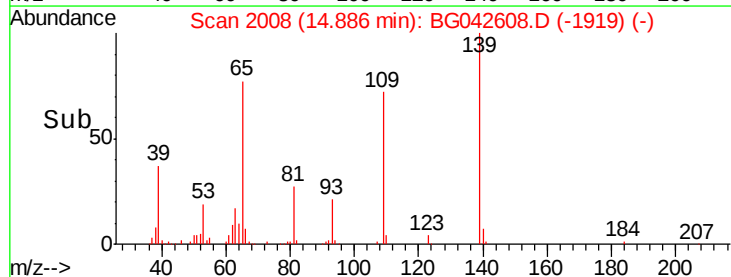
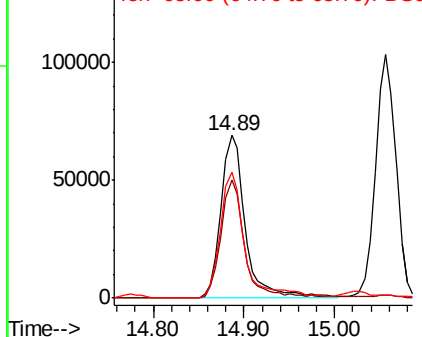


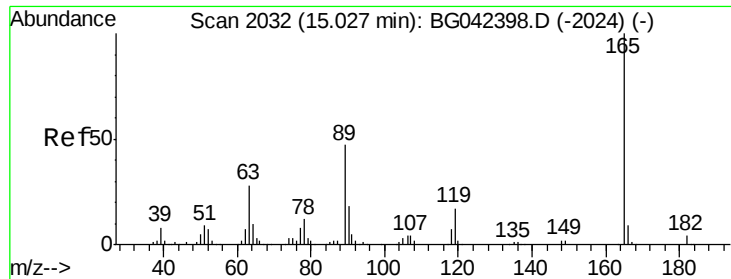
#56
4-Nitrophenol
Concen: 102.900 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	43.9	83.9
65	77.3	56.3	96.3



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





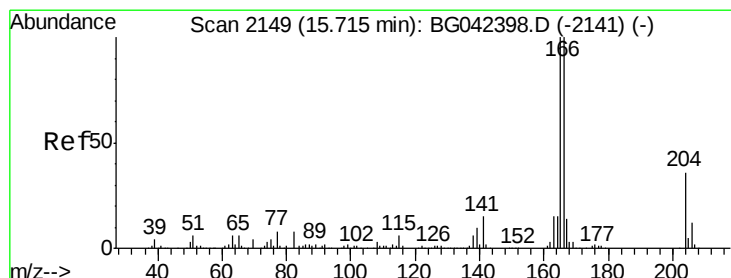
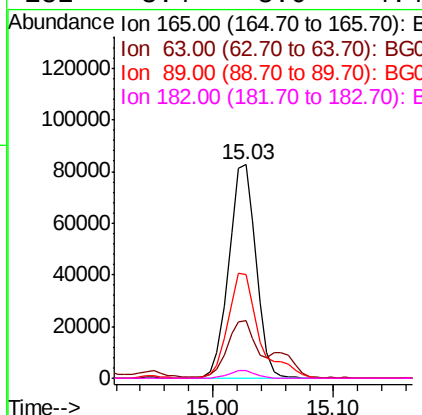
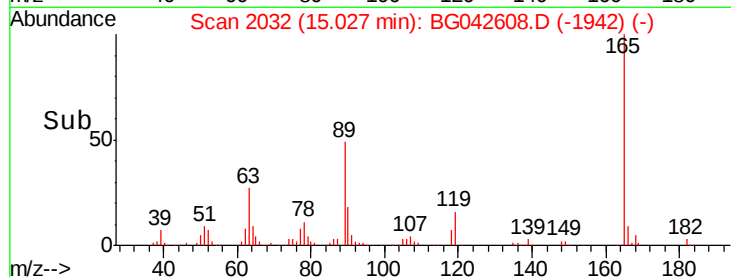
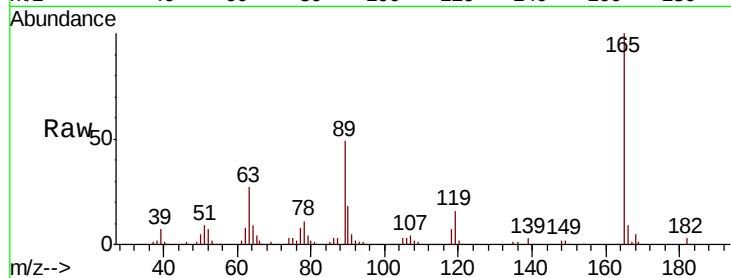
#57
 2,4-Dinitrotoluene
 Concen: 50.760 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		128822		
63	27.2	22.5	33.7		
89	48.6	37.8	56.6		
182	3.4	3.0	4.4		

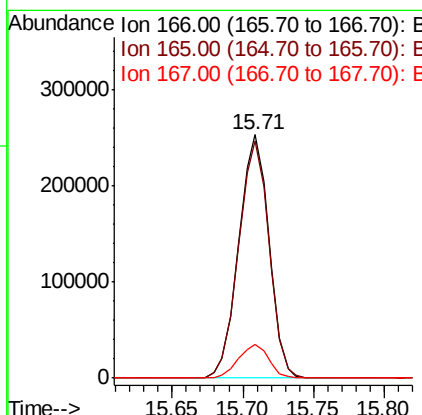
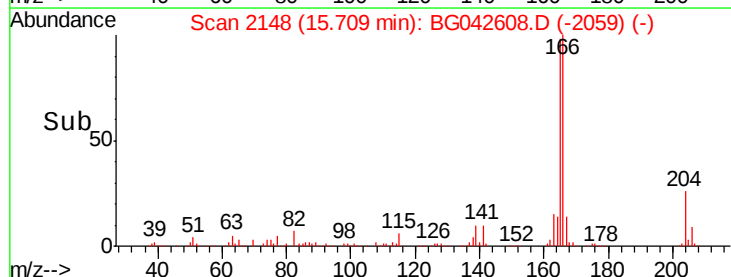
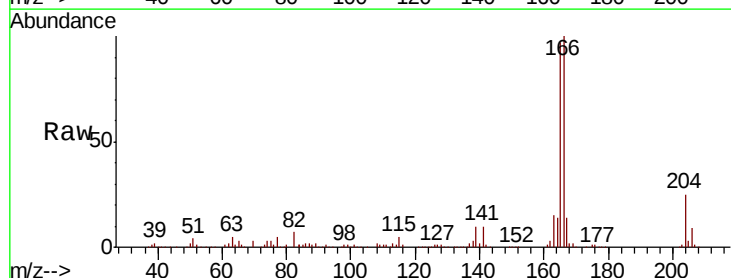
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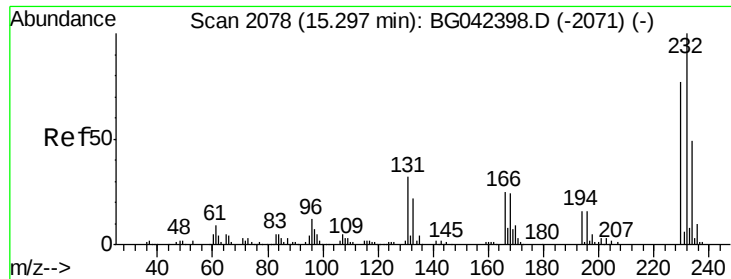
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#58
 Fluorene
 Concen: 52.053 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		380033		
165	97.2	79.7	119.5		
167	13.6	10.9	16.3		





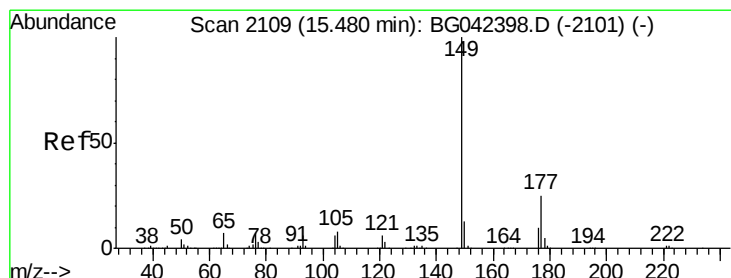
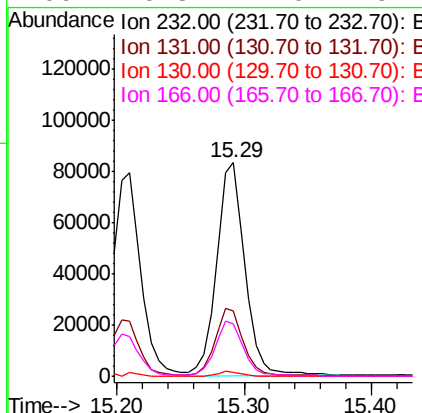
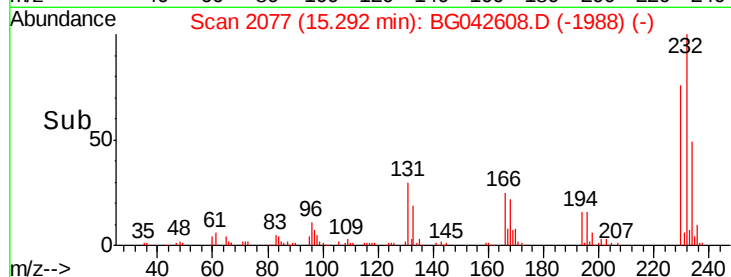
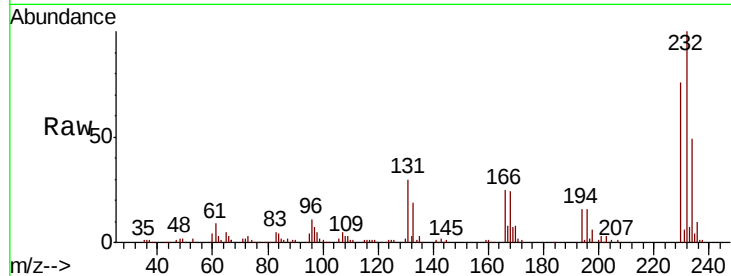
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.253 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.7	22.9	34.3
130	1.9	1.4	2.0
166	26.3	17.0	25.4

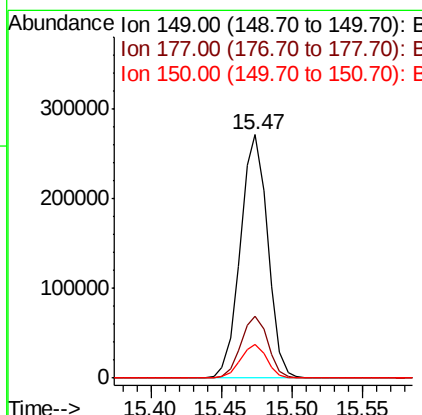
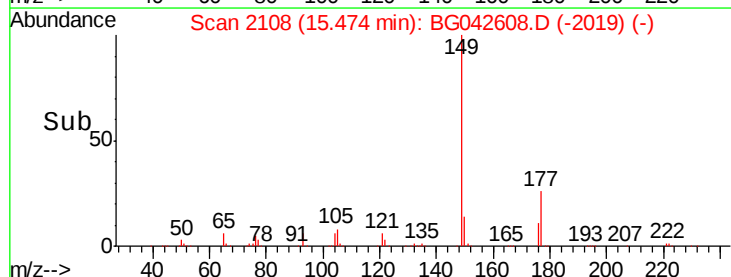
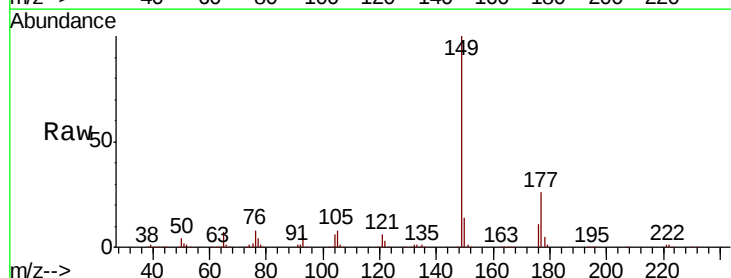
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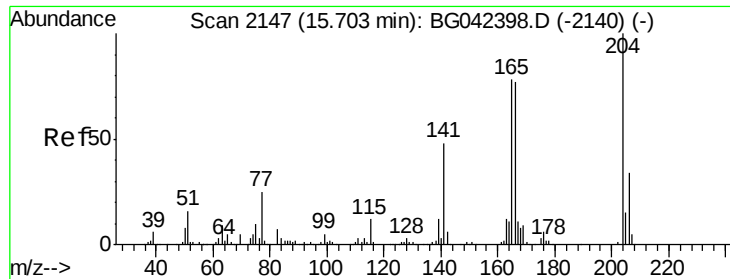
mohammad
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#60
 Diethylphthalate
 Concen: 49.163 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.6	20.4	30.6
150	13.7	10.3	15.5





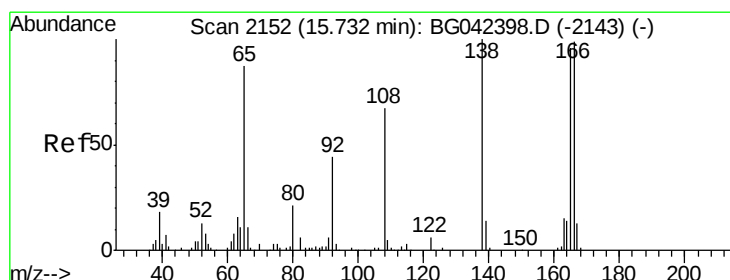
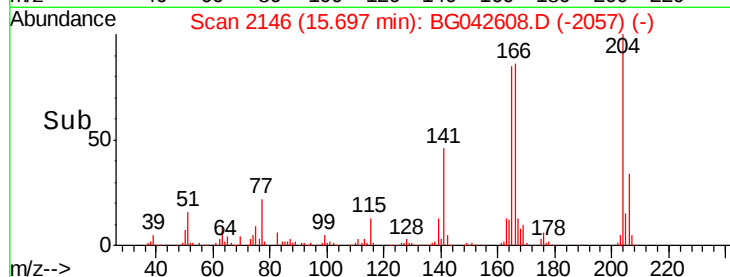
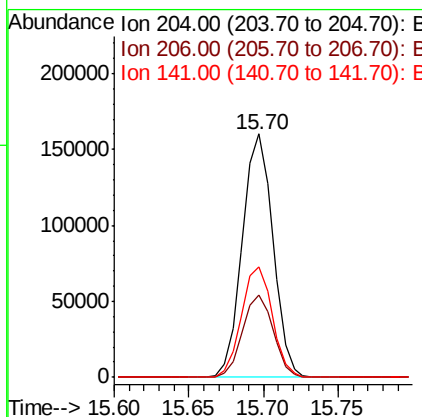
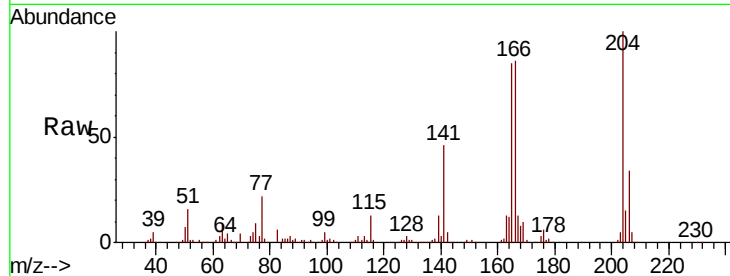
#61
4-Chlorophenyl-phenylether
Concen: 51.684 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.2	40.8
141	45.6	38.7	58.1

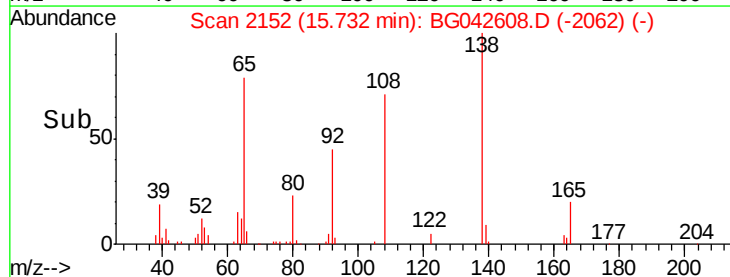
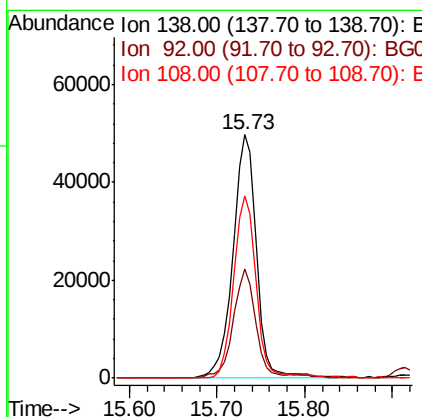
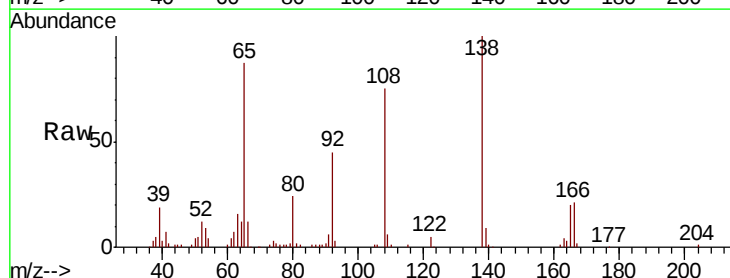
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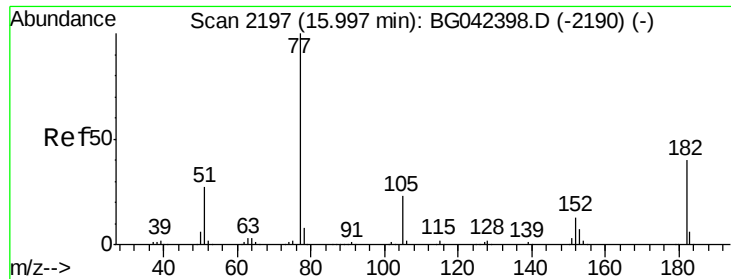
mohammad
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#62
4-Nitroaniline
Concen: 47.628 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	24.2	64.2
108	74.6	46.8	86.8





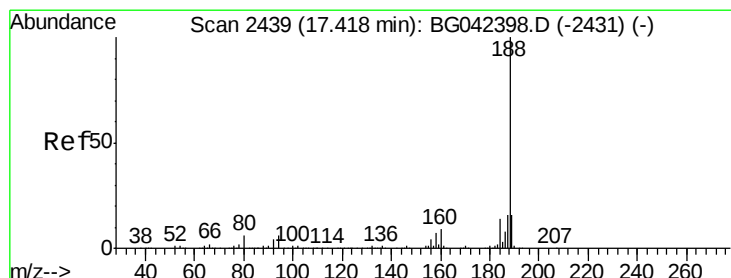
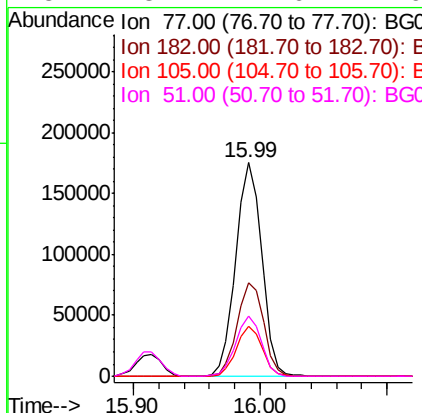
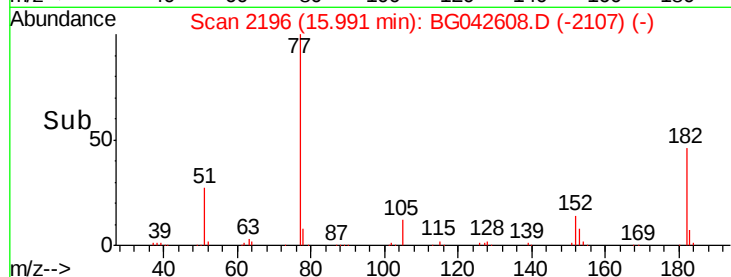
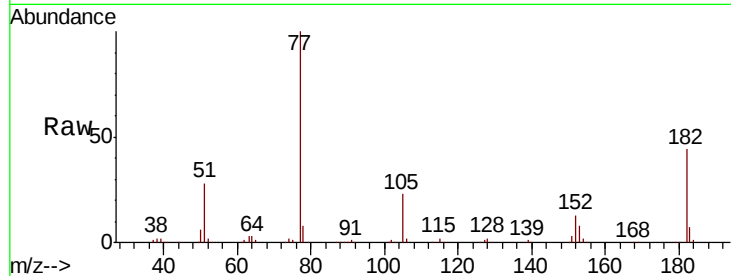
#63
Azobenzene
Concen: 48.447 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	44.1	19.9	59.9		
105	23.1	2.9	42.9		
51	28.1	7.6	47.6		

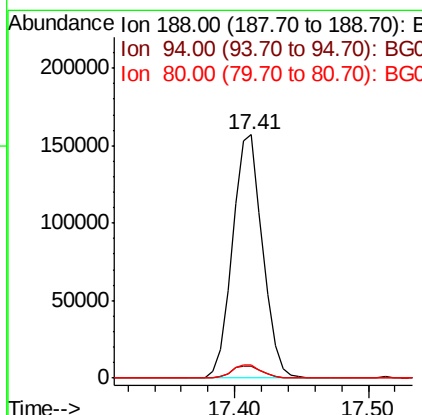
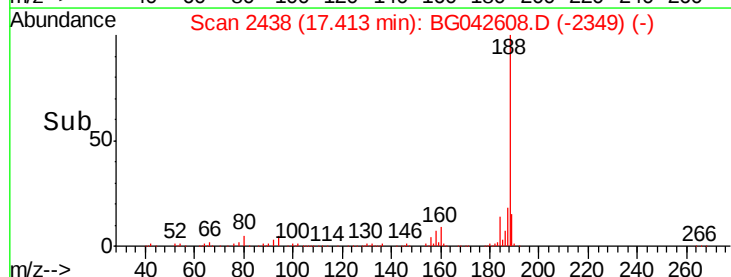
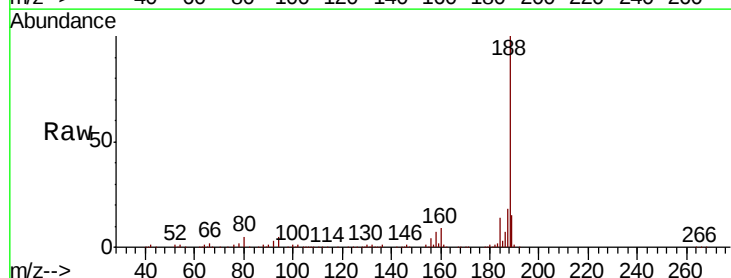
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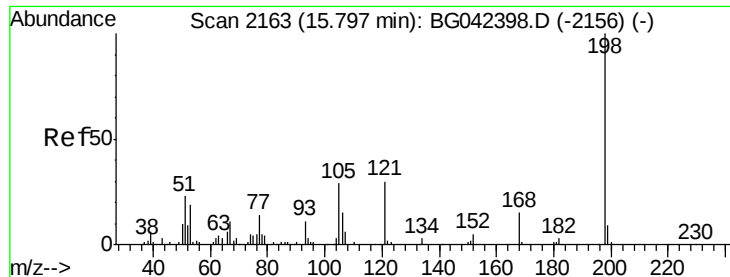
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	4.8	4.5	6.7		
80	5.4	4.9	7.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 50.157 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

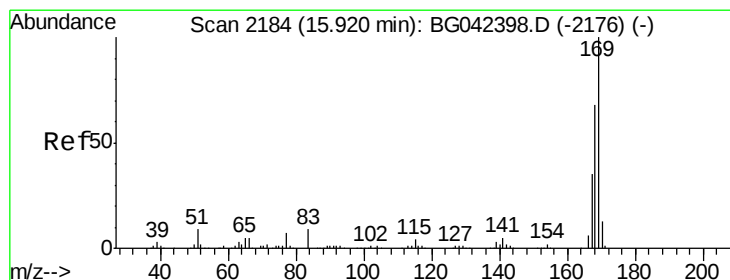
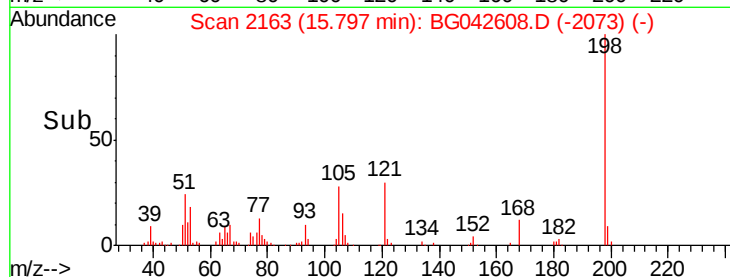
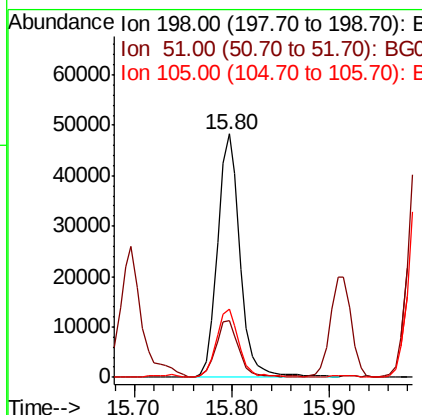
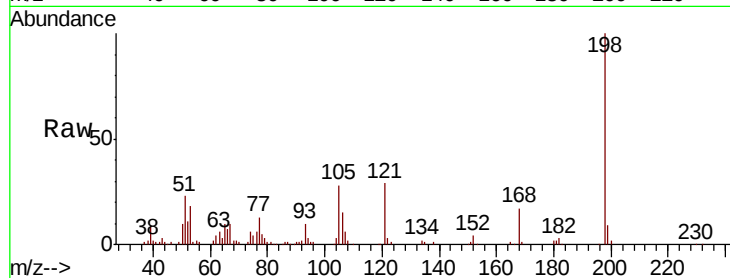
ClientSampleId :

S301-S-7.0-7.5-081919MSD

Tot Ion:	198	Resp:	77136
Ion Ratio	Lower	Upper	
198	100		
51	23.3	4.2	44.2
105	28.1	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 52.039 ng

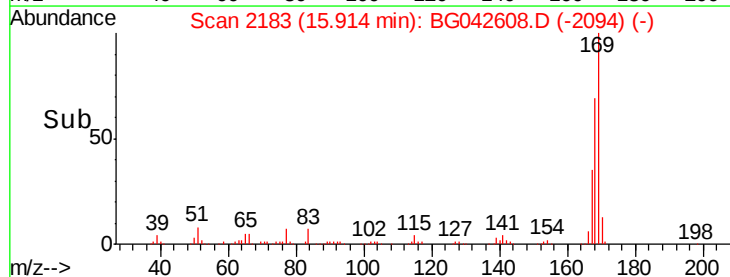
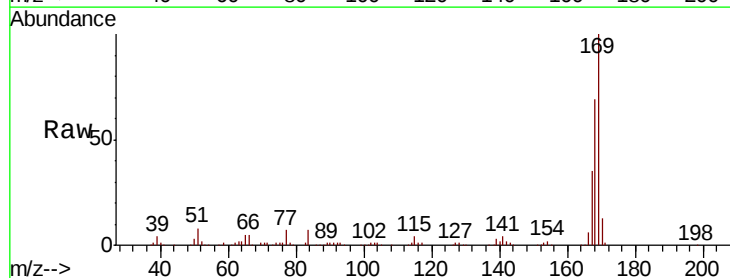
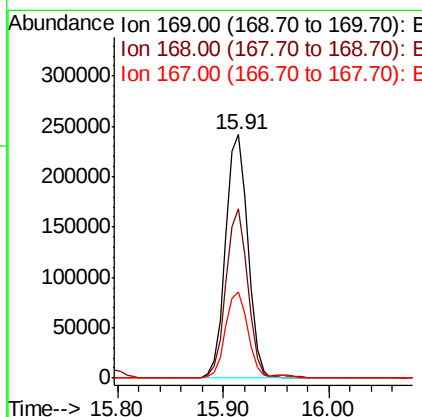
RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	169	Resp:	351047
Ion Ratio	Lower	Upper	
169	100		
168	69.4	54.3	81.5
167	35.5	28.2	42.2





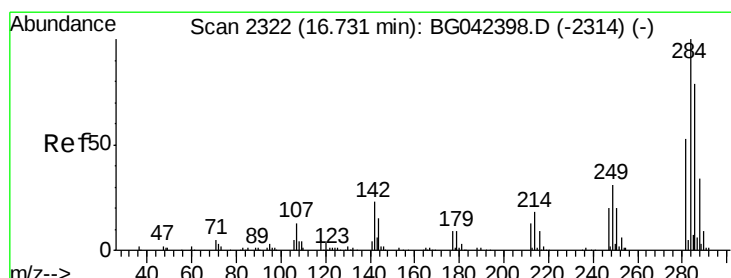
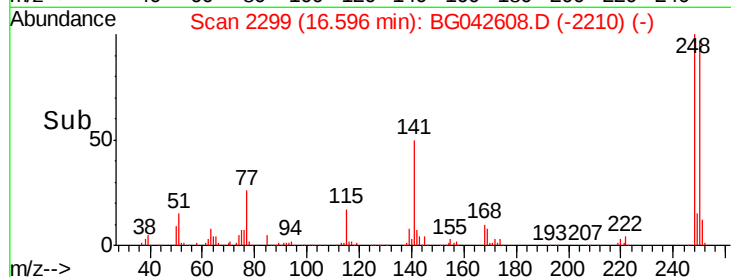
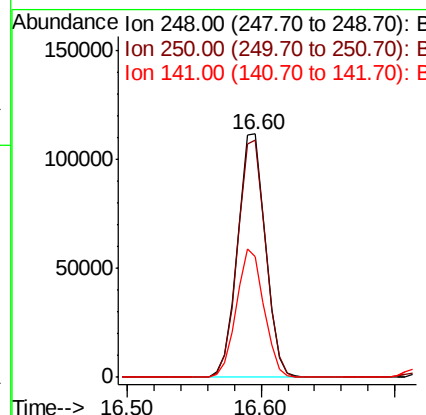
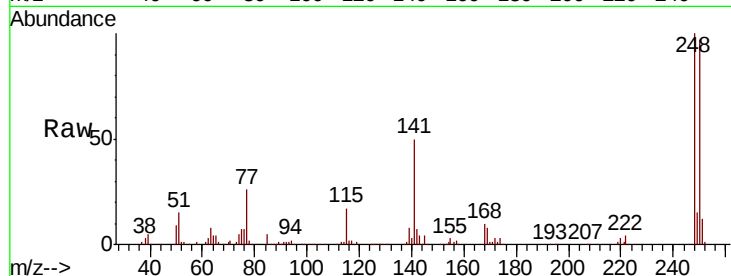
#67
 4-Bromophenyl-phenylether
 Concen: 52.354 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.9	118.3
141	49.8	43.3	64.9

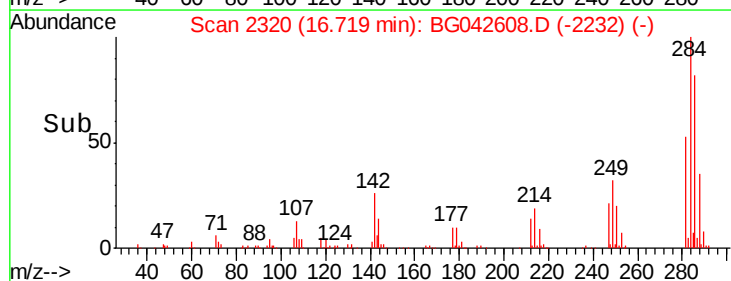
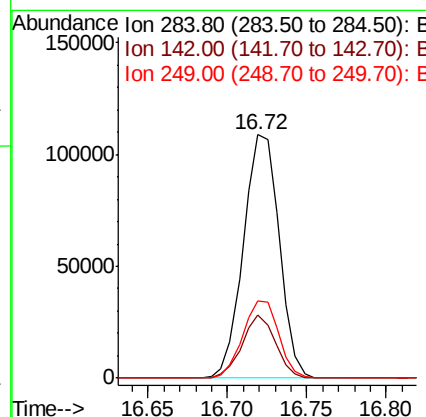
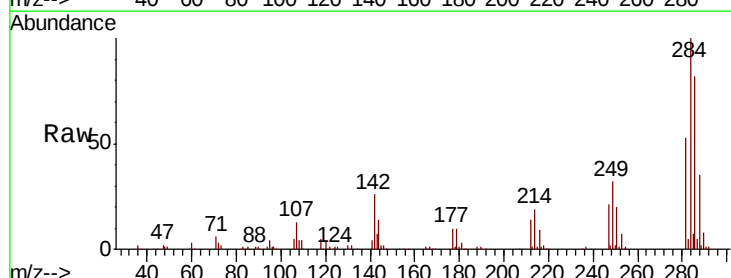
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#68
 Hexachlorobenzene
 Concen: 50.580 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	18.2	27.4
249	31.8	25.0	37.4





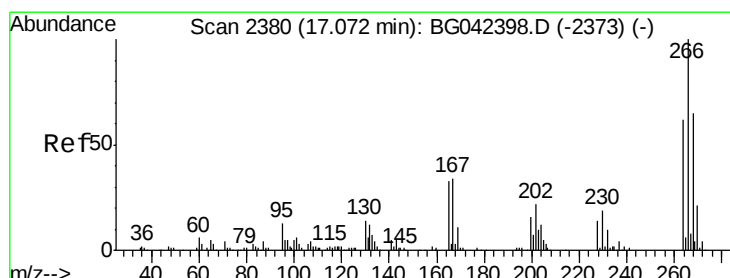
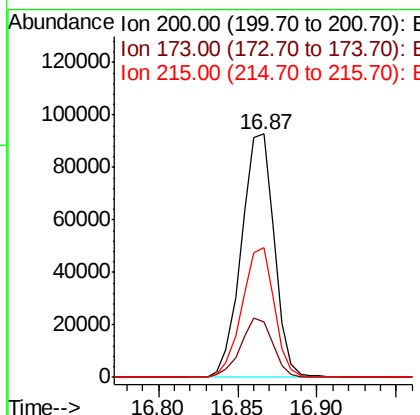
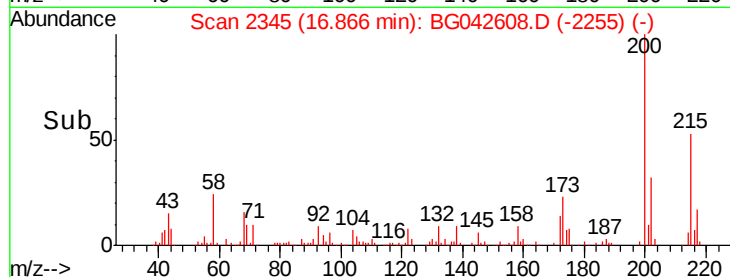
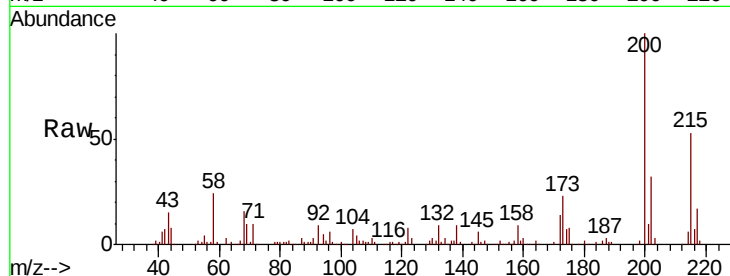
#69
Atrazine
Concen: 55.867 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	4.9	44.9
215	53.2	30.7	70.7

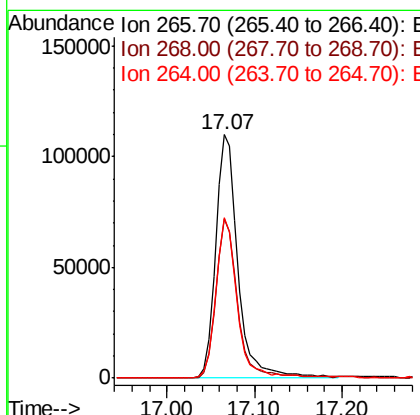
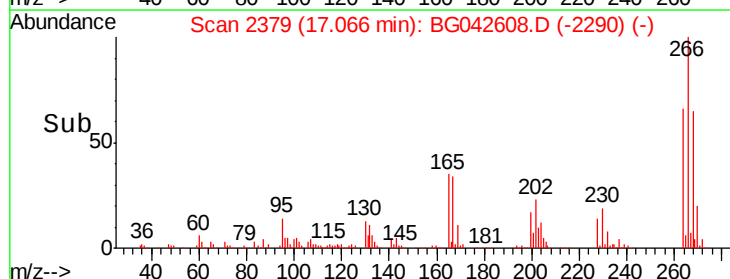
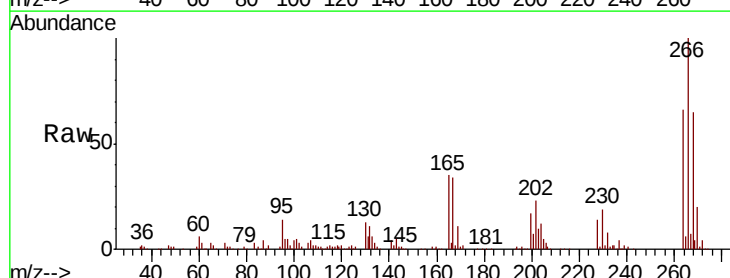
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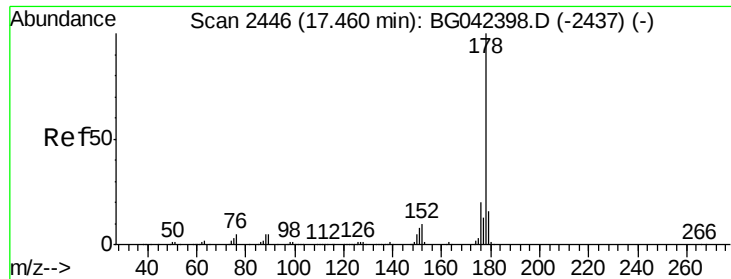
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#70
Pentachlorophenol
Concen: 110.619 ng
RT: 17.07 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.4	52.1	78.1
264	66.1	49.4	74.2





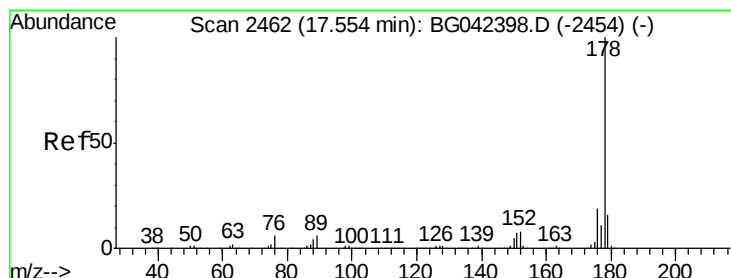
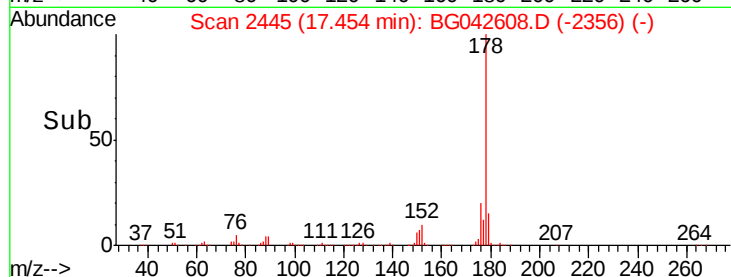
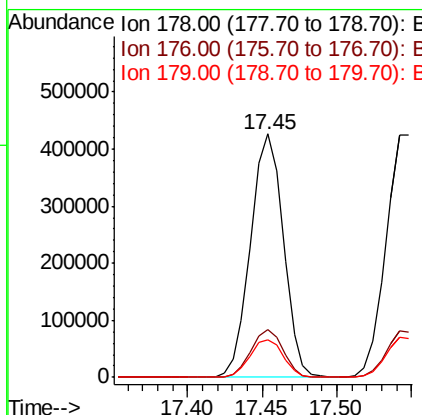
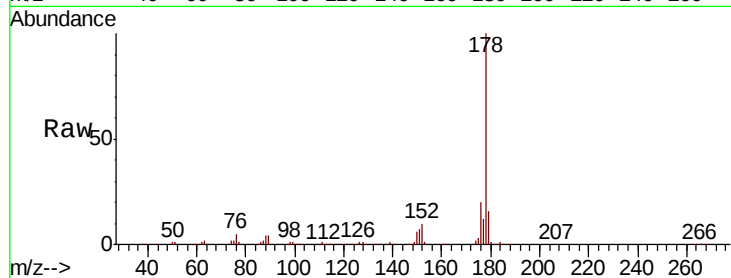
#71
Phenanthrene
Concen: 53.101 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.6	12.7	19.1

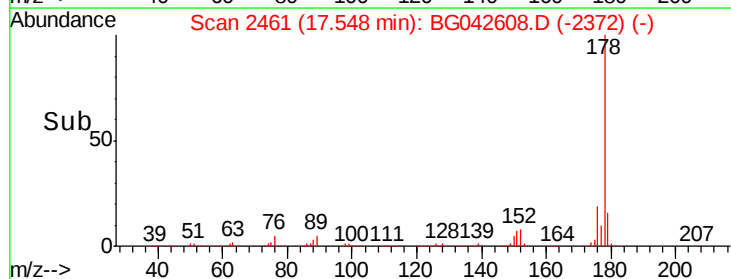
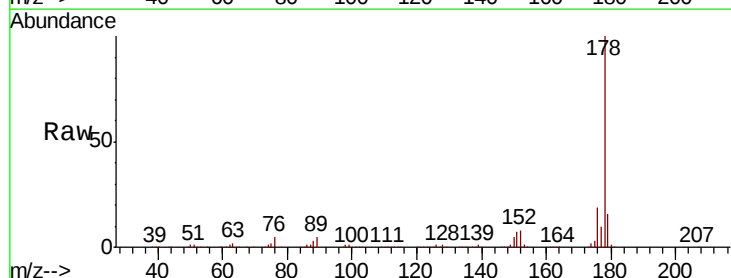
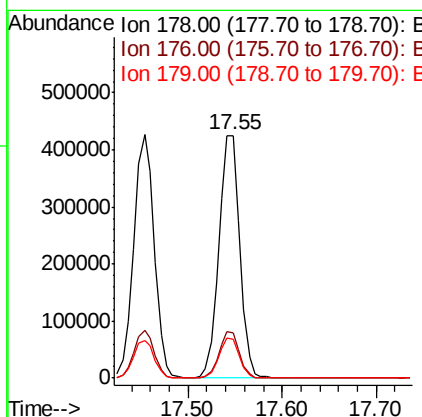
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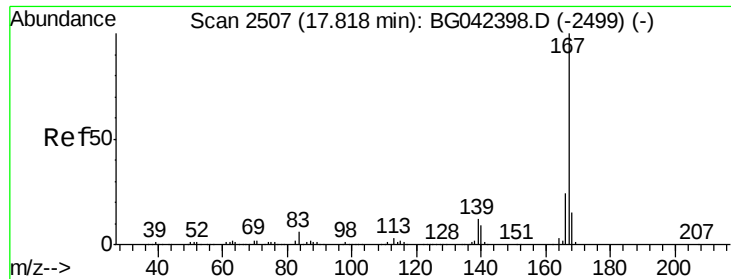
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#72
Anthracene
Concen: 54.145 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.0	12.9	19.3





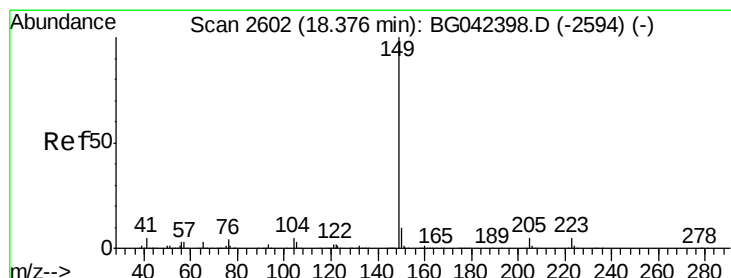
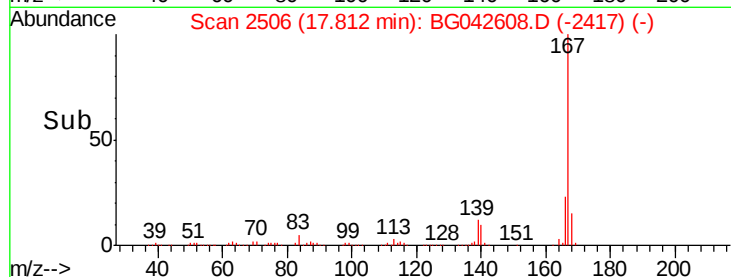
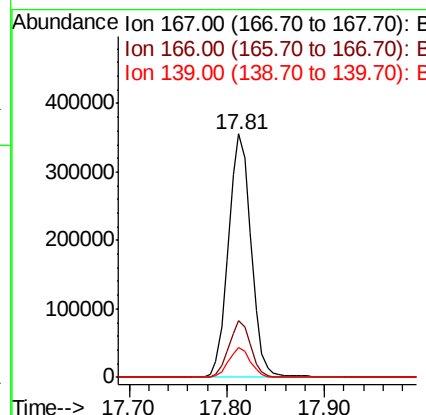
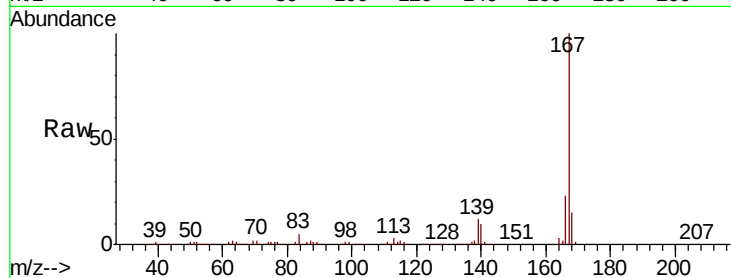
#73
 Carbazole
 Concen: 52.962 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.9	28.3
139	12.1	9.8	14.6

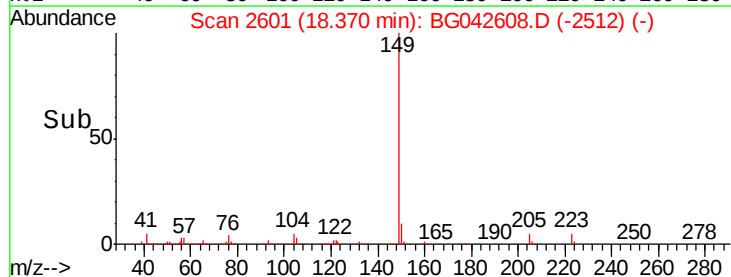
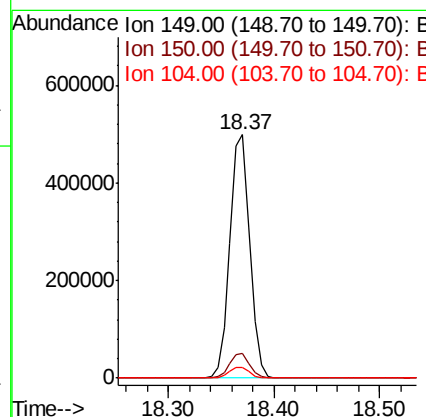
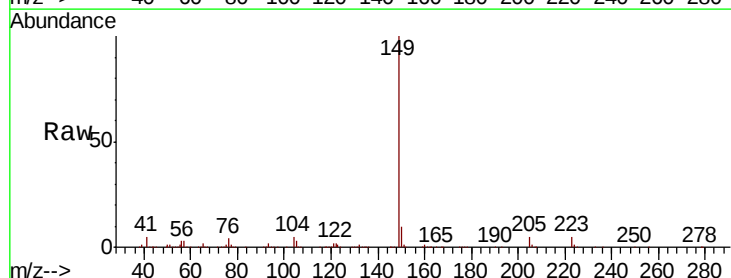
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#74
 Di-n-butylphthalate
 Concen: 50.630 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.6	3.7	5.5





#75

Fluoranthene

Concen: 55.628 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

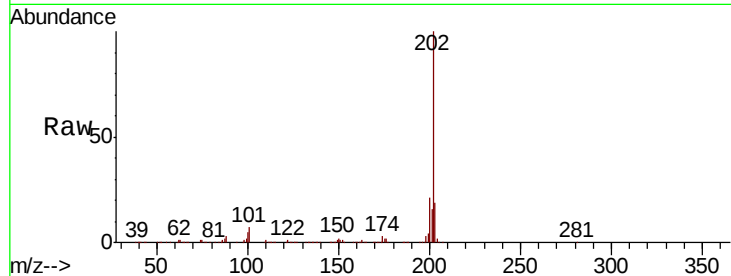
ClientSampleId :

S301-S-7.0-7.5-081919MSD

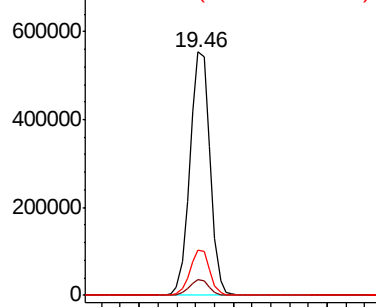
Tot Ion	Ratio	Resp	Lower	Upper
202	100	827187		
101	6.6	0.0	28.3	
203	18.8	0.0	39.6	

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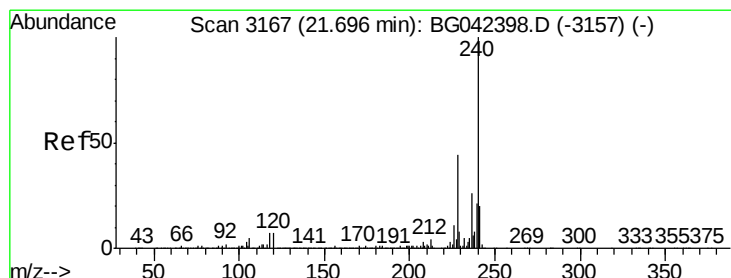
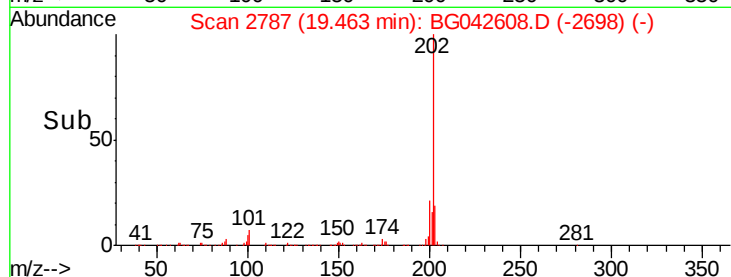
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

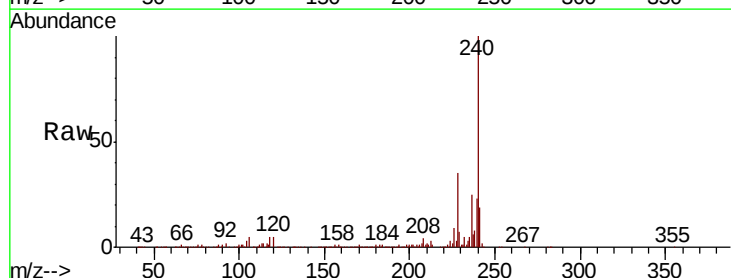
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

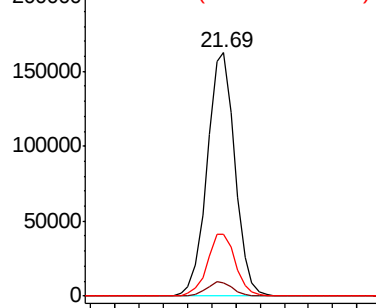
Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

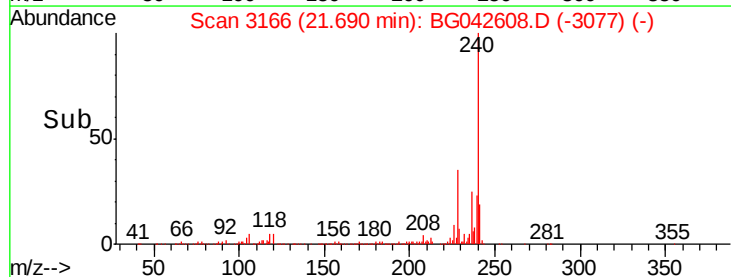
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	260996		
120	5.3	5.7	8.5#	
236	25.2	21.0	31.4	

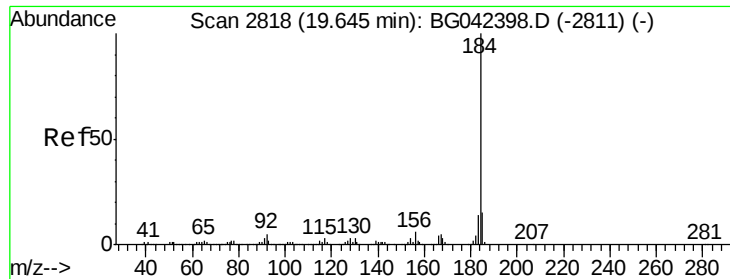


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 64.532 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

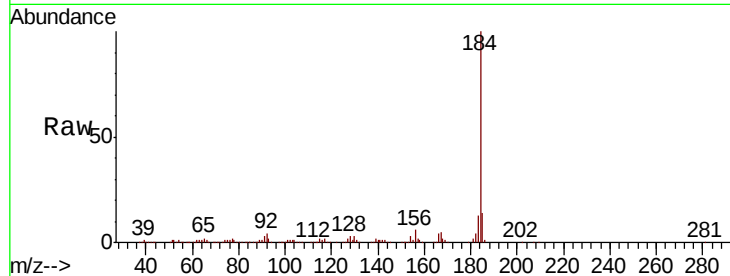
ClientSampleId :

S301-S-7.0-7.5-081919MSD

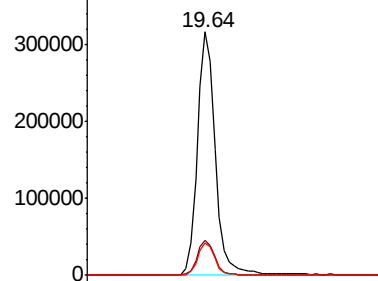
Tot Ion:	184	Resp:	482887
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.4
183	13.4	10.8	16.2

Manual Integrations
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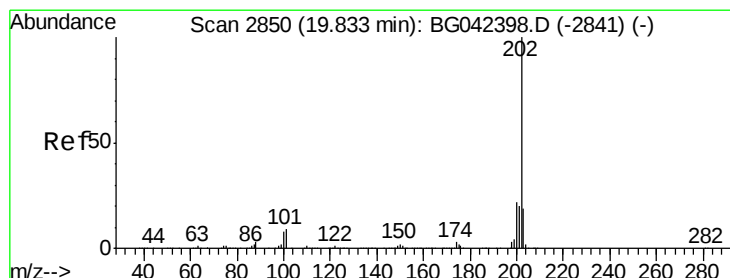
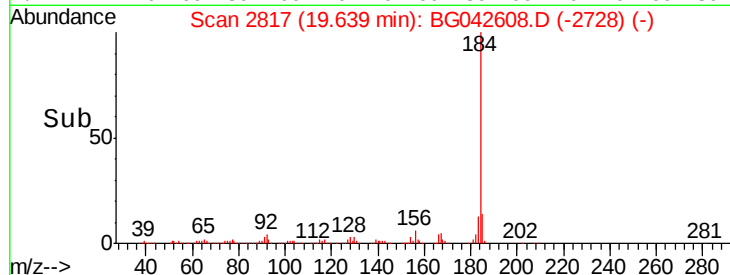
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 51.387 ng

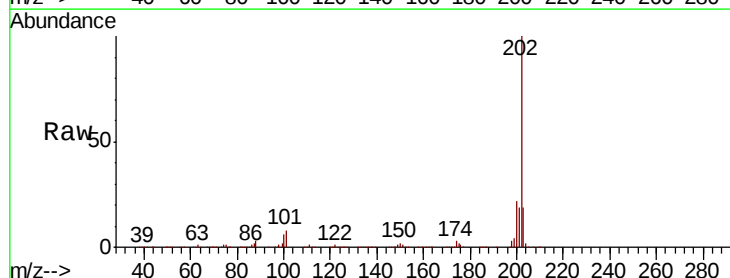
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

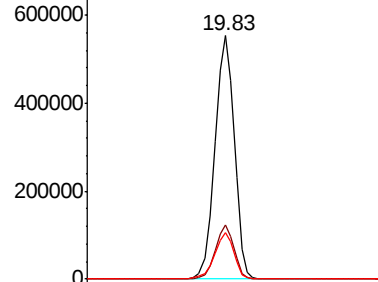
Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

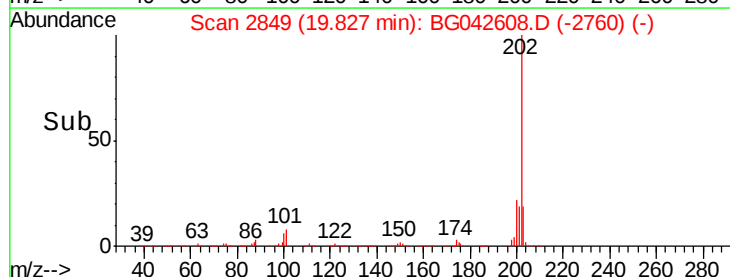
Tgt Ion:	202	Resp:	822272
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.8	26.6
203	19.0	15.5	23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90





#79
 Terphenyl-d14
 Concen: 94.262 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

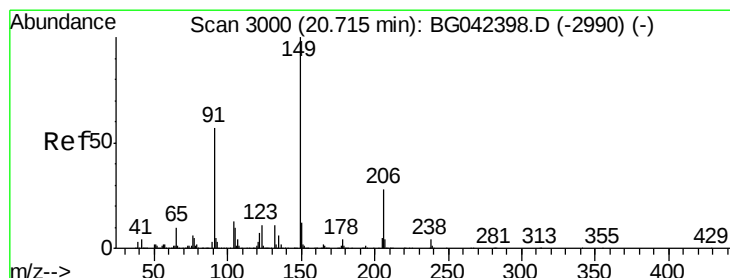
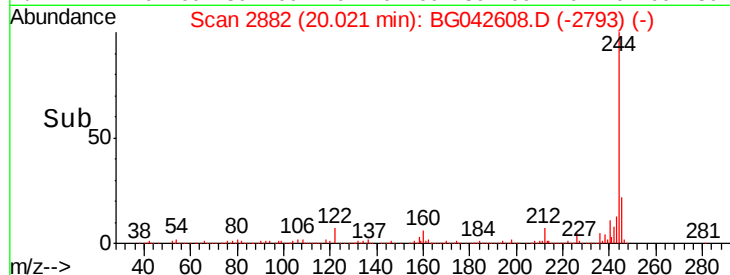
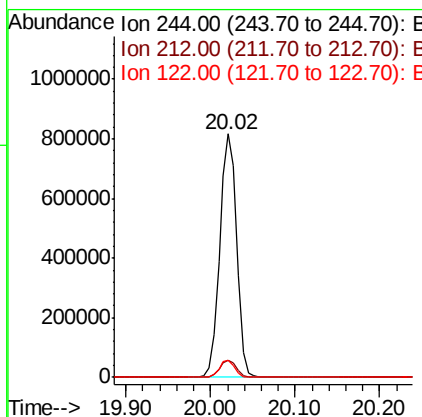
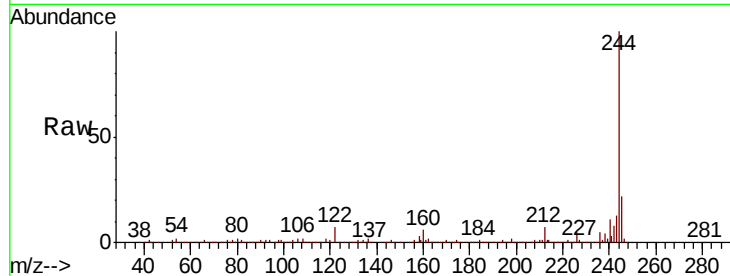
Instrument :
 BNA_G
 ClientSampleId :
 S301-S-7.0-7.5-081919MSD

Tot Ion:244 Resp: 1137970

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	7.2	6.7	10.1

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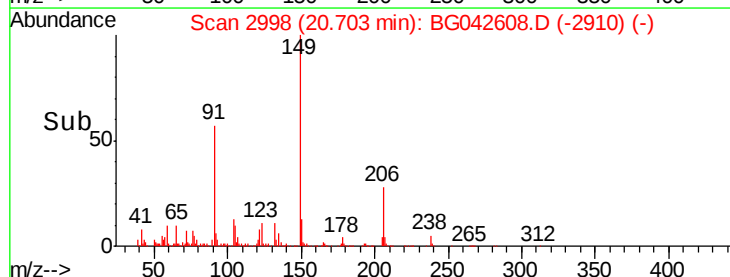
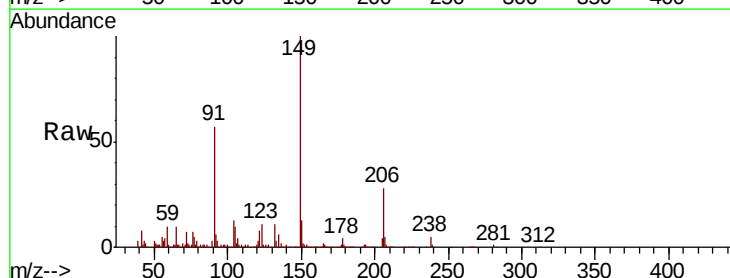
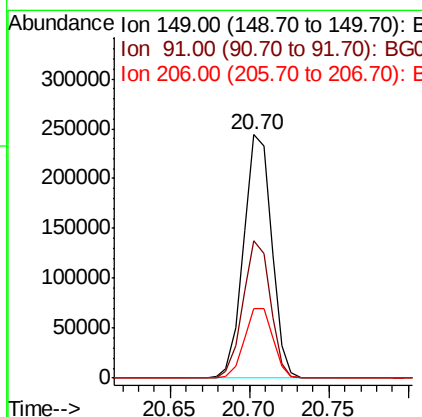
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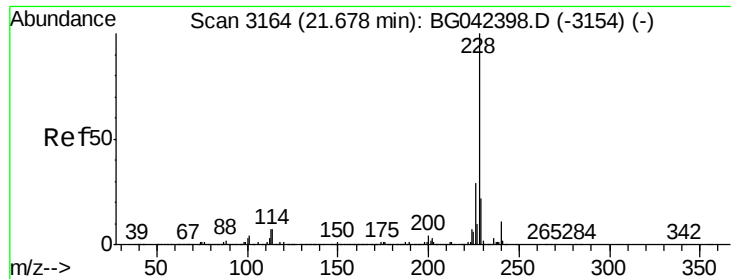


#80
 Butylbenzylphthalate
 Concen: 47.594 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.01 min
 Lab File: BG042608.D
 Acq: 30 Aug 2019 19:59

Tgt Ion:149 Resp: 299546

Ion	Ratio	Lower	Upper
149	100		
91	56.7	45.9	68.9
206	28.4	22.5	33.7





#81

Benzo(a)anthracene

Concen: 51.392 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

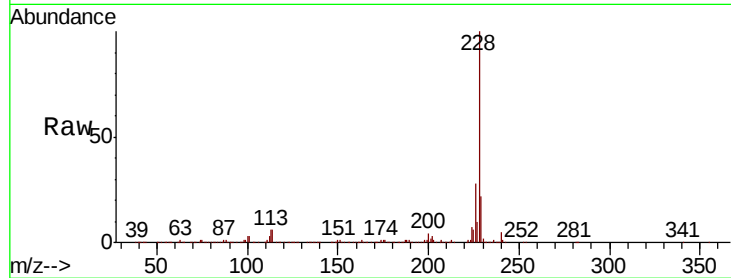
ClientSampleId :

S301-S-7.0-7.5-081919MSD

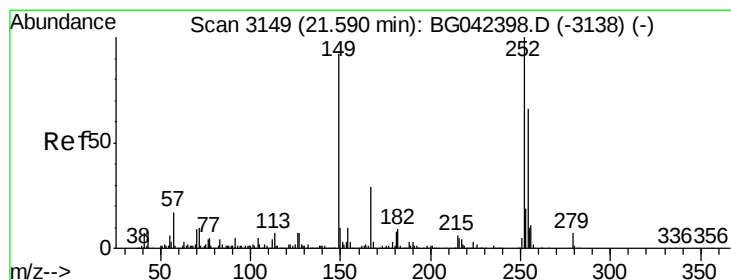
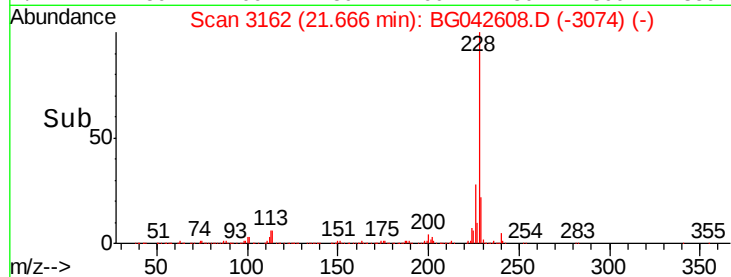
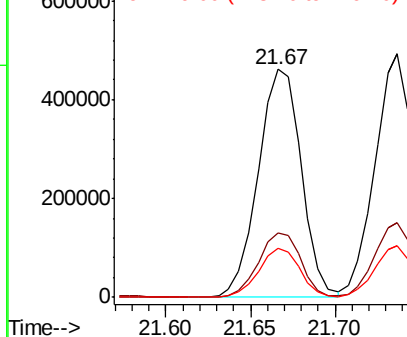
Tot Ion:	228	Resp:	815945
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	21.7	17.4	26.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.596 ng

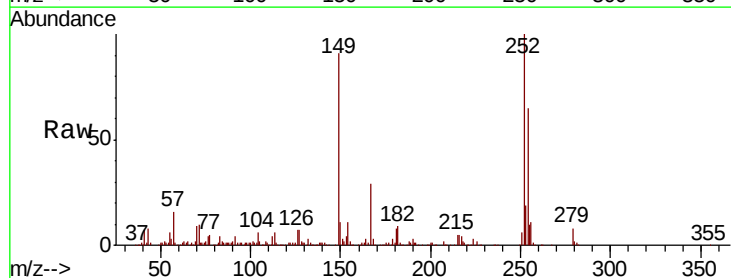
RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

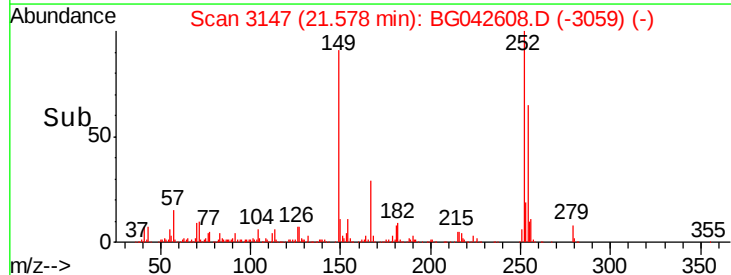
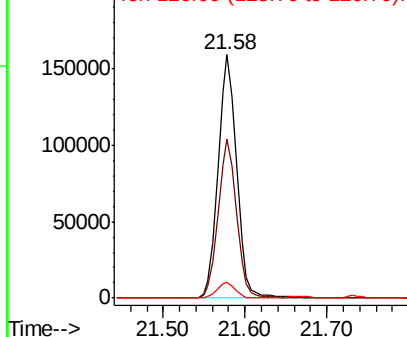
Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion:	252	Resp:	252839
Ion Ratio	Lower	Upper	
252	100		
254	65.3	53.0	79.4
126	6.6	5.7	8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





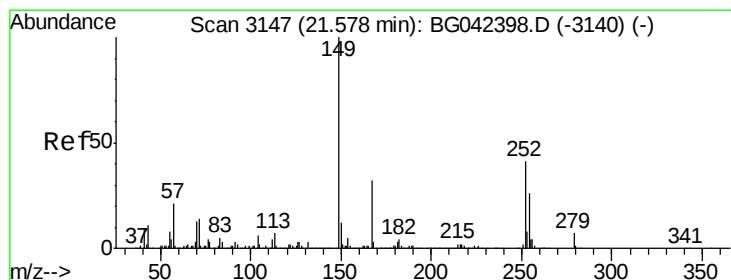
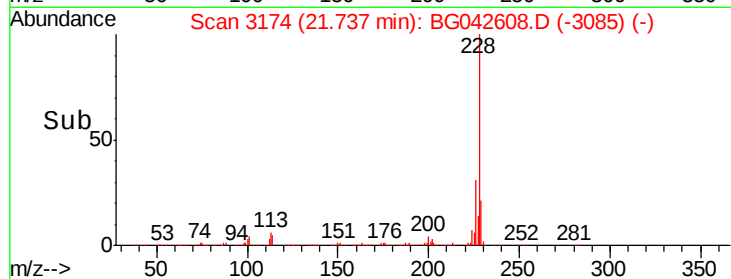
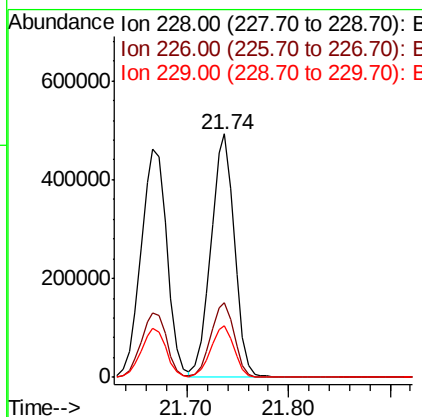
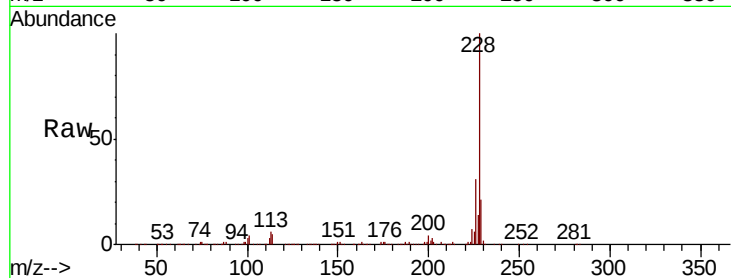
#83
Chrysene
Concen: 51.390 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.0	16.9	25.3

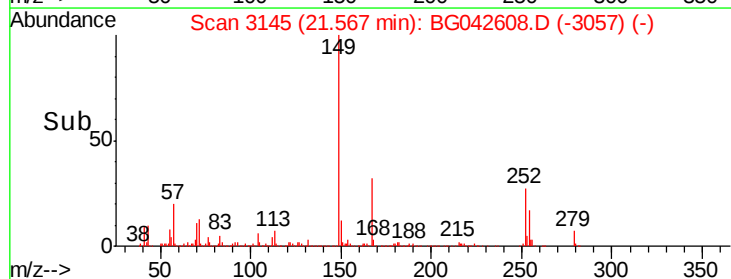
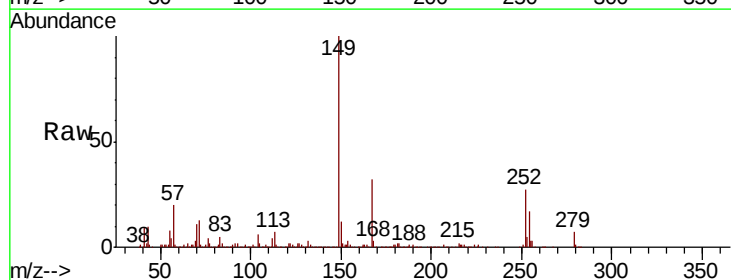
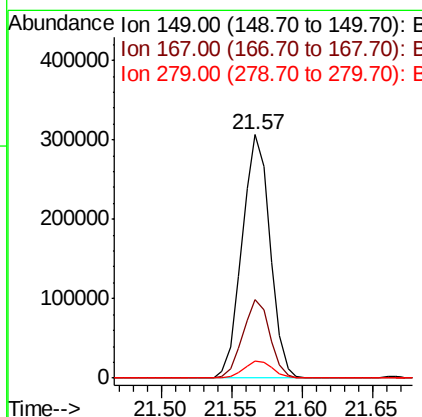
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.519 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	26.0	39.0
279	6.9	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 49.183 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

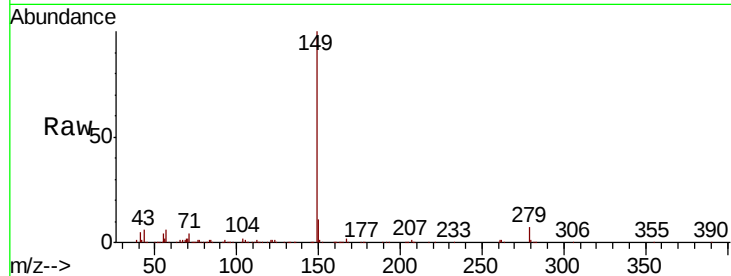
ClientSampleId :

S301-S-7.0-7.5-081919MSD

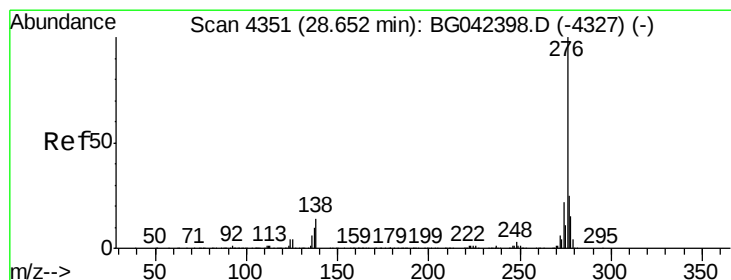
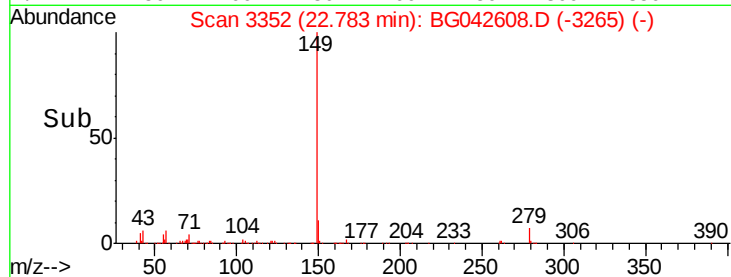
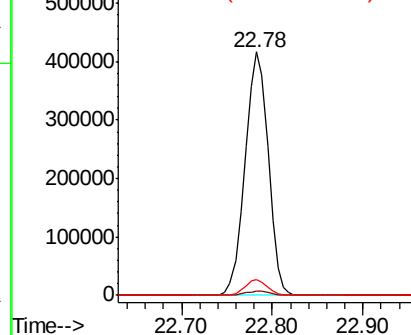
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.6	2.4	
43	6.3	5.3	7.9	

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.598 ng

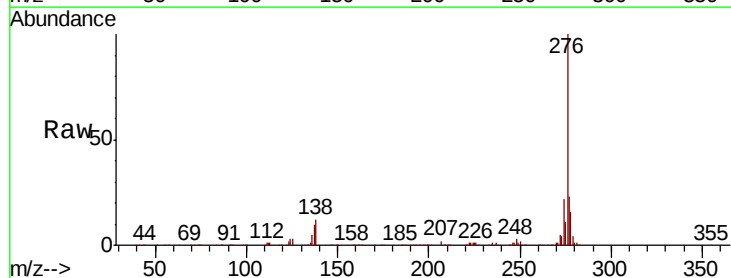
RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

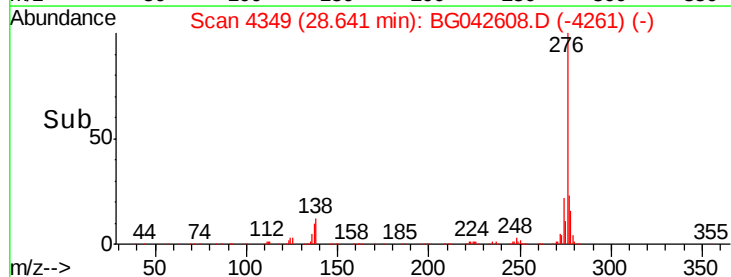
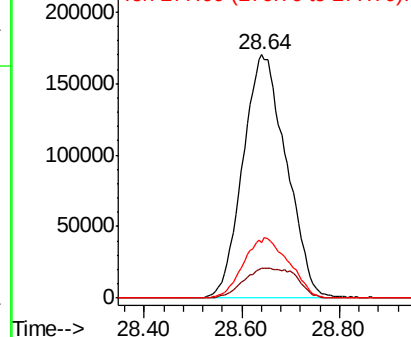
Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	15.0	9.2	13.8#	
277	26.1	21.0	31.6	



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

Instrument :

BNA_G

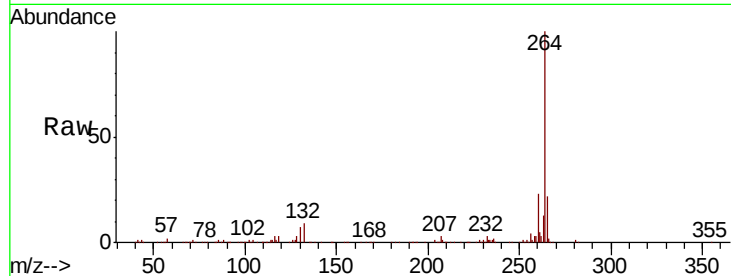
ClientSampleId :

S301-S-7.0-7.5-081919MSD

Tot Ion:	264	Resp:	310119
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.5	27.7
265	21.6	17.6	26.4

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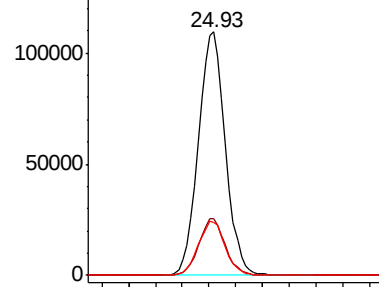


Abundance

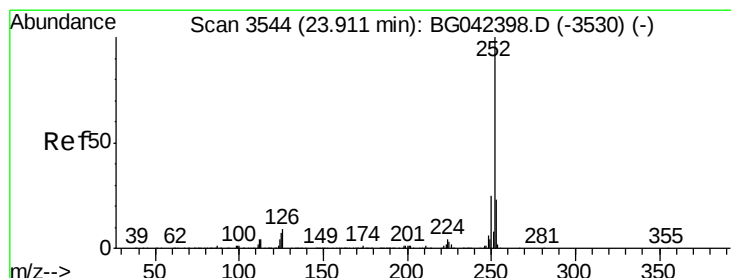
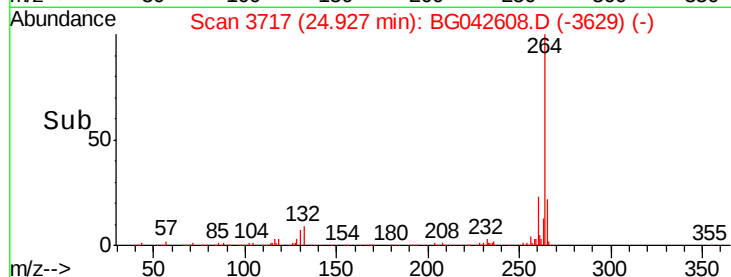
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 52.803 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042608.D

Acq: 30 Aug 2019 19:59

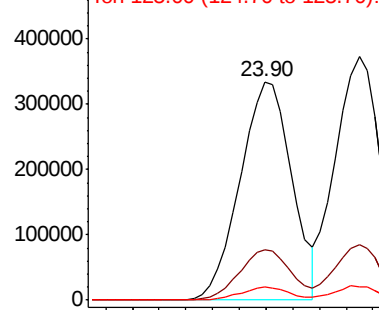
Tgt Ion:	252	Resp:	900255
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.6	27.8
125	5.8	5.6	8.4

Abundance

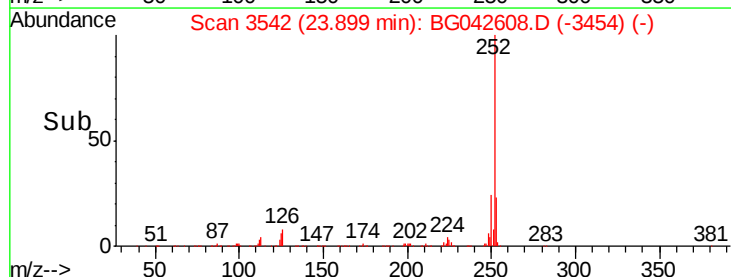
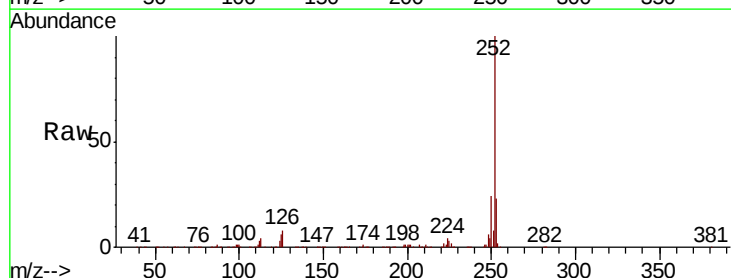
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





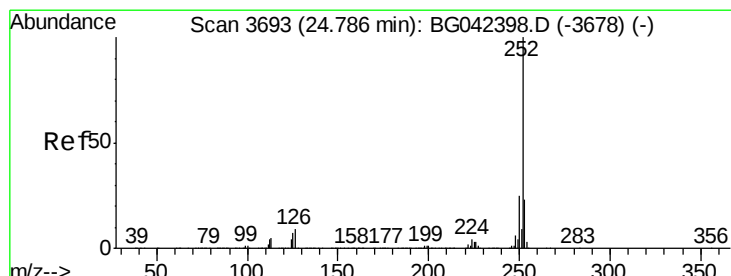
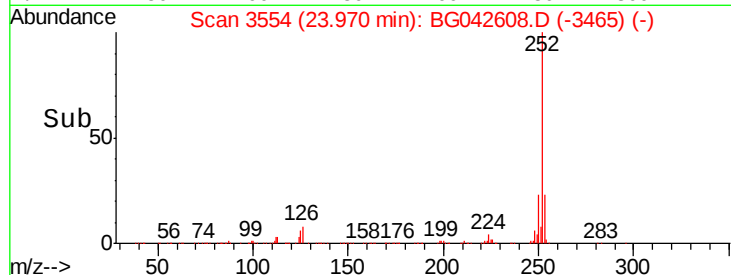
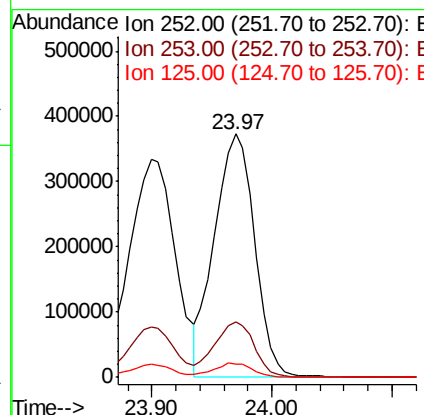
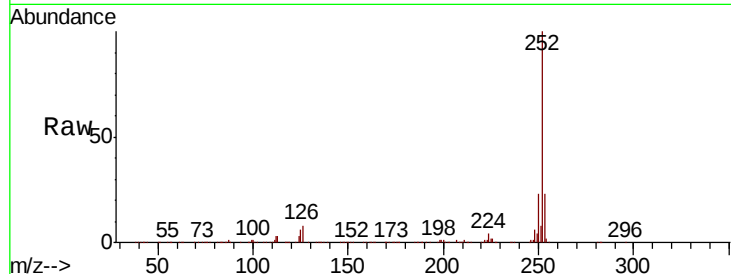
#89
Benzo(k)fluoranthene
Concen: 53.398 ng/mL
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleID :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	5.6	5.8	8.6

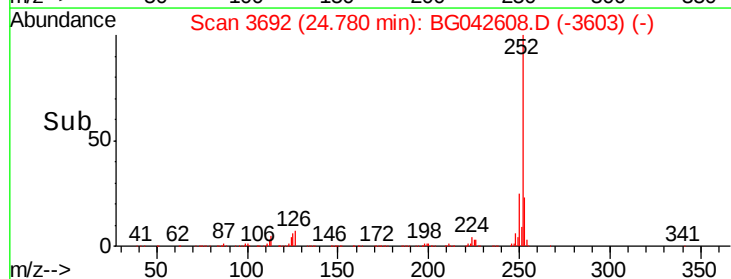
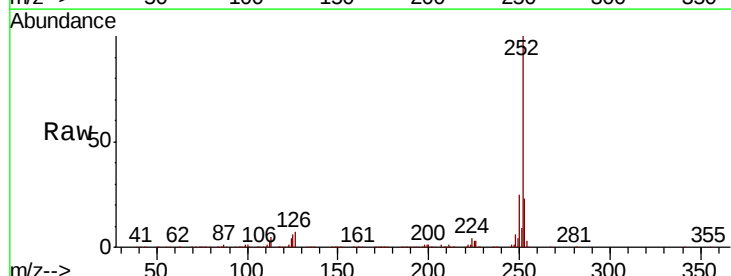
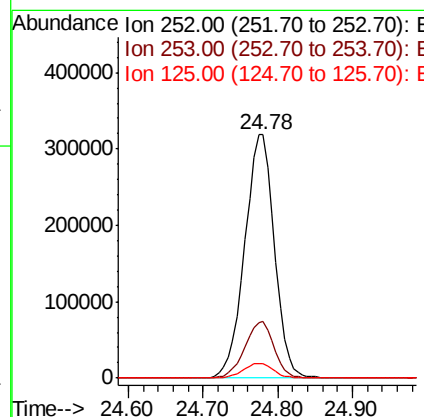
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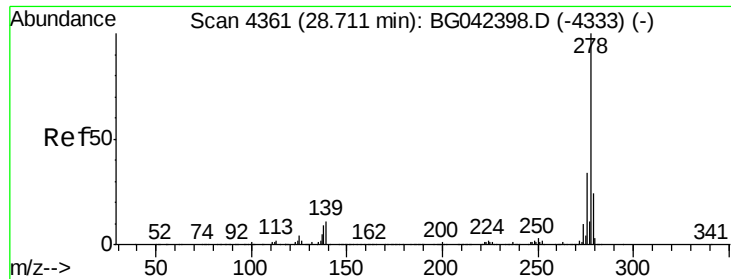
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#90
Benzo(a)pyrene
Concen: 54.411 ng/mL
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	6.1	6.0	9.0





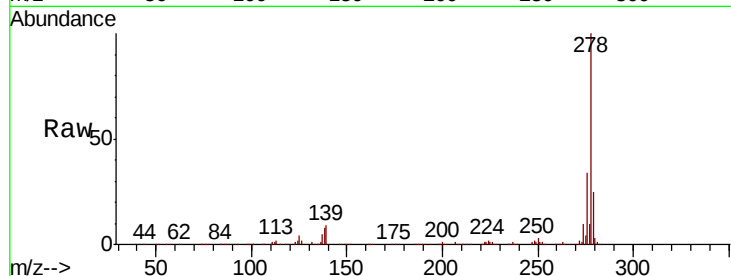
#91
Dibenzo(a,h)anthracene
Concen: 53.399 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Instrument :
BNA_G
ClientSampleId :
S301-S-7.0-7.5-081919MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.8	13.2
279	24.8	19.1	28.7

Manual Integrations
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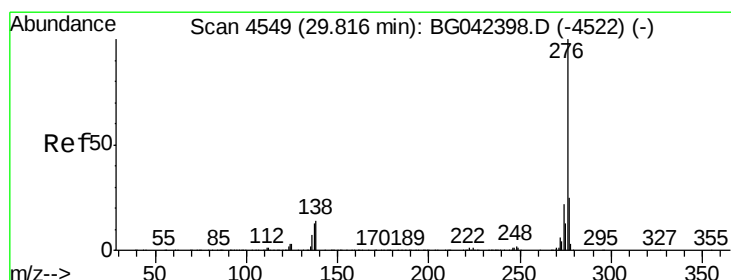
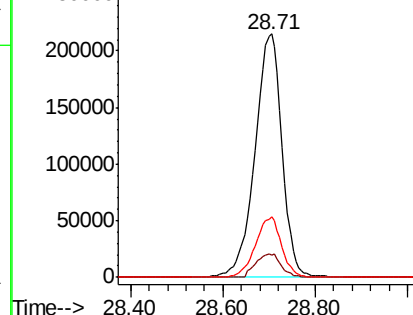
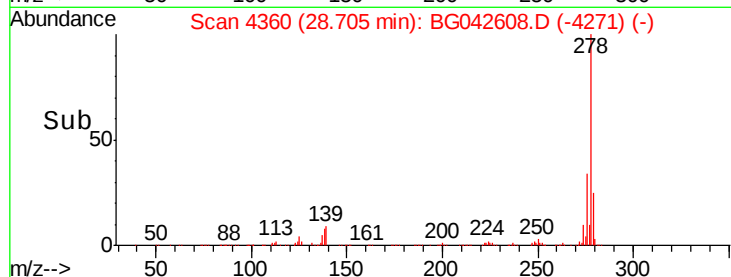


Abundance

Ion 278.00 (277.70 to 278.70): E

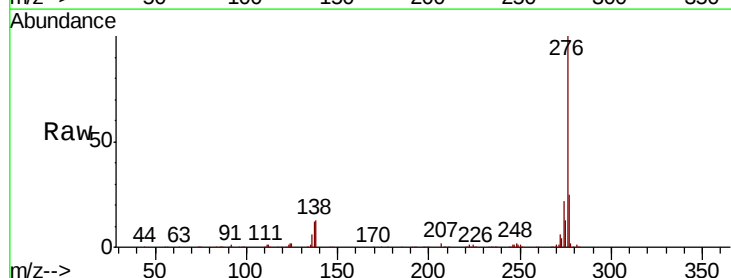
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.619 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042608.D
Acq: 30 Aug 2019 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	12.9	11.4	17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

