

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042380.D
 Acq On : 21 Aug 2019 12:55
 Operator : HP/JU
 Sample : PB122256BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Manual Integrations
 APPROVED

Jagrut
 8/22/2019 1:58:45 PM

Quant Time: Aug 21 17:45:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64847	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	278973	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	216007	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	496005	20.00	ng	0.00
76) Chrysene-d12	21.70	240	382147	20.00	ng	0.00
87) Perylene-d12	24.95	264	386399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	412635	128.92	ng	0.00
7) Phenol-d6	7.18	99	540136	124.26	ng	0.01
23) Nitrobenzene-d5	9.18	82	310796	78.36	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	360936	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	987342	77.35	ng	0.00
79) Terphenyl-d14	20.03	244	1544833	88.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	47297	34.267	ng	96
3) Pyridine	3.82	79	109453	30.958	ng	98
4) n-Nitrosodimethylamine	3.74	42	51832	42.582	ng	94
6) Aniline	7.33	93	180195	31.411	ng	97
8) 2-Chlorophenol	7.58	128	180476	46.384	ng	98
9) Benzaldehyde	7.14	77	43724	17.883	ng	97
10) Phenol	7.21	94	207246	46.896	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	145216	41.603	ng	99
12) 1,3-Dichlorobenzene	7.89	146	197510	39.885	ng	96
13) 1,4-Dichlorobenzene	8.04	146	199903	40.079	ng	99
14) 1,2-Dichlorobenzene	8.37	146	192164	40.372	ng	99
15) Benzyl Alcohol	8.25	79	139696	46.729	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	195863	40.691	ng	98
17) 2-Methylphenol	8.46	107	149761	45.832	ng	98
18) Hexachloroethane	9.10	117	67783	39.543	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	116985	41.842	ng	97
20) 3+4-Methylphenols	8.79	107	207439	45.886	ng	98
22) Acetophenone	8.84	105	248747	41.964	ng	98
24) Nitrobenzene	9.22	77	173129	42.837	ng	95
25) Isophorone	9.75	82	332523	41.924	ng	100
26) 2-Nitrophenol	9.93	139	112029	44.589	ng	99
27) 2,4-Dimethylphenol	10.00	122	180413	51.760	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	206955	40.508	ng	99
29) 2,4-Dichlorophenol	10.49	162	212794	45.915	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	229809	40.566	ng	98
31) Naphthalene	10.88	128	543681	42.055	ng	98
32) Benzoic acid	10.17	122	107454	43.317	ng	95
33) 4-Chloroaniline	10.99	127	164214	27.855	ng	99
34) Hexachlorobutadiene	11.17	225	149471	39.372	ng	99
35) Caprolactam	11.77	113	68082m	46.092	ng	
36) 4-Chloro-3-methylphenol	12.13	107	200988	46.397	ng	98
37) 2-Methylnaphthalene	12.49	142	447658	43.197	ng	98
38) 1-Methylnaphthalene	12.71	142	424397	42.992	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	284413	40.849	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	358299	88.383	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	200562	43.038	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	216711	45.151	nq	99
46) 1,1'-Biphenyl	13.50	154	584305	41.462	nq	98
47) 2-Chloronaphthalene	13.54	162	478201	39.803	nq	100
48) 2-Nitroaniline	13.74	65	117646	41.432	nq	97
49) Acenaphthylene	14.39	152	757726	41.953	nq	99
50) Dimethylphthalate	14.12	163	641974	41.825	nq	99
51) 2,6-Dinitrotoluene	14.24	165	156281	43.504	nq	99
52) Acenaphthene	14.73	154	452458	41.066	nq	98
53) 3-Nitroaniline	14.57	138	116634	33.020	nq	99
54) 2,4-Dinitrophenol	14.78	184	206155	88.073	nq	98
55) Dibenzofuran	15.07	168	766261	42.697	nq	100
56) 4-Nitrophenol	14.90	139	280575	110.106	nq	97
57) 2,4-Dinitrotoluene	15.03	165	221070	44.016	nq	98
58) Fluorene	15.72	166	621379	42.562	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	220779m	47.362	nq	
60) Diethylphthalate	15.49	149	634372	42.719	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	369450	42.141	nq	99
62) 4-Nitroaniline	15.74	138	151411	40.564	nq	97
63) Azobenzene	16.00	77	443904	42.896	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	144076	47.606	nq	95
66) n-Nitrosodiphenylamine	15.92	169	591835	42.642	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	261791	41.475	nq	98
68) Hexachlorobenzene	16.73	284	270130	39.952	nq	98
69) Atrazine	16.87	200	218926	46.018	nq	99
70) Pentachlorophenol	17.08	266	342329	95.112	nq	98
71) Phenanthrene	17.46	178	1026508	41.554	nq	100
72) Anthracene	17.55	178	1031953	41.886	nq	99
73) Carbazole	17.82	167	913804	41.754	nq	99
74) Di-n-butylphthalate	18.38	149	1037103	40.624	nq	99
75) Fluoranthene	19.48	202	1192266	40.024	nq	99
77) Benzidine	19.65	184	316617	31.249	nq	99
78) Pyrene	19.83	202	1166874	49.624	nq	99
80) Butylbenzylphthalate	20.72	149	380734	40.854	nq	99
81) Benzo(a)anthracene	21.68	228	973467	41.480	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	355507	38.059	nq	98
83) Chrysene	21.74	228	955903	42.579	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	531509	40.904	nq	99
85) Di-n-octyl phthalate	22.80	149	927489	41.846	nq	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1261012	42.069	nq	# 95
88) Benzo(b)fluoranthene	23.91	252	1071897	50.470	nq	100
89) Benzo(k)fluoranthene	23.98	252	1059729	51.045	nq	100
90) Benzo(a)pyrene	24.79	252	1057745	51.975	nq	99
91) Dibenzo(a,h)anthracene	28.72	278	1056029	52.015	nq	99
92) Benzo(g,h,i)perylene	29.82	276	1057187	52.254	nq	98

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

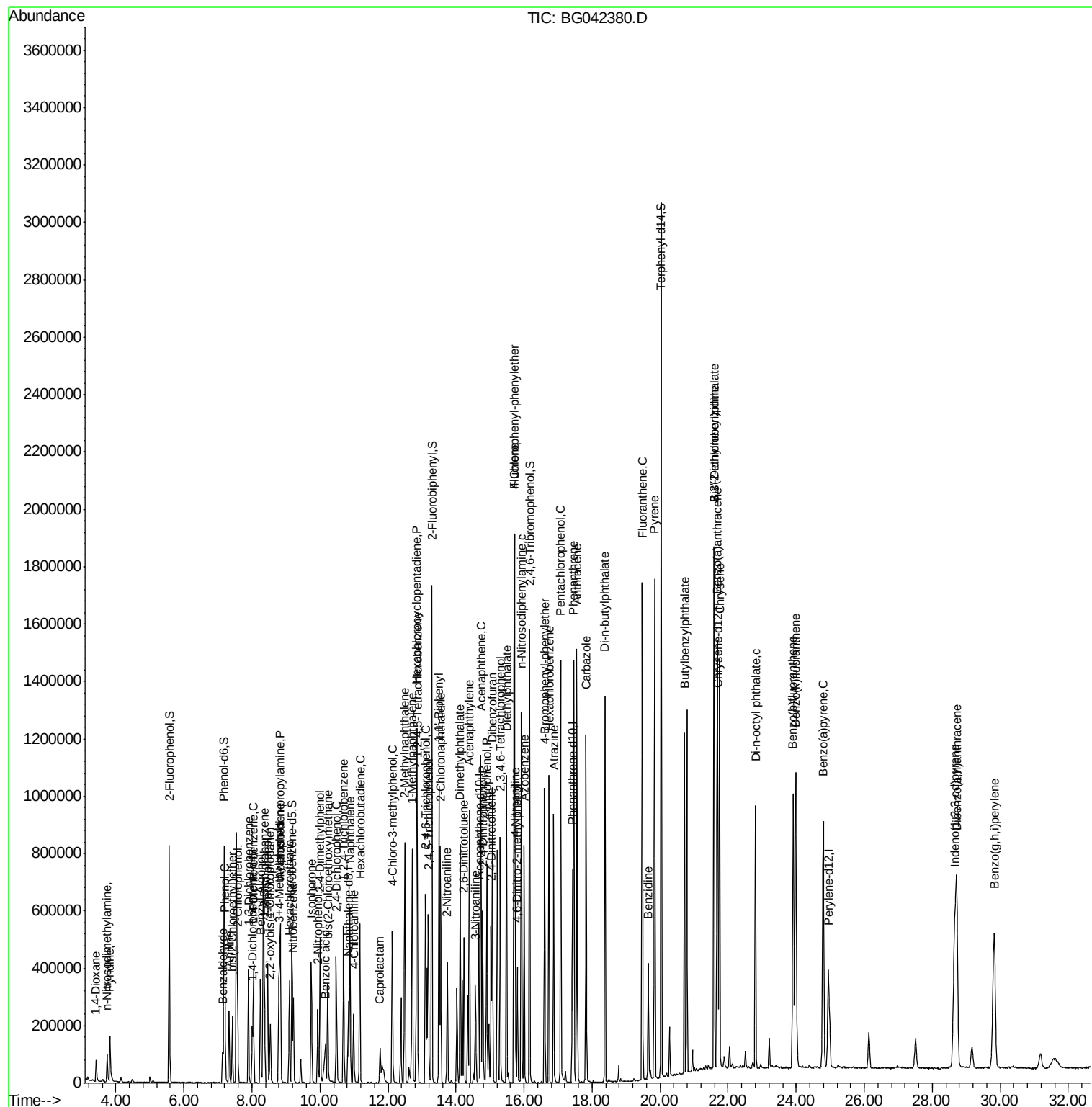
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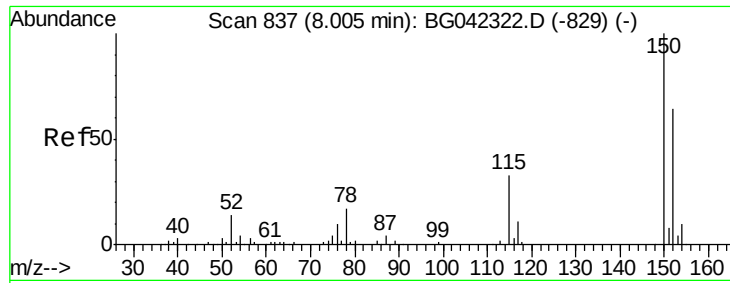
Instrument :
BNA_G
ClientSampled :
PB122256BS

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#1

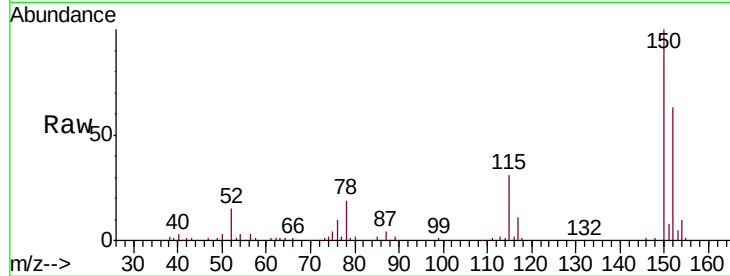
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.3	186.5
115	50.0	40.5	60.7

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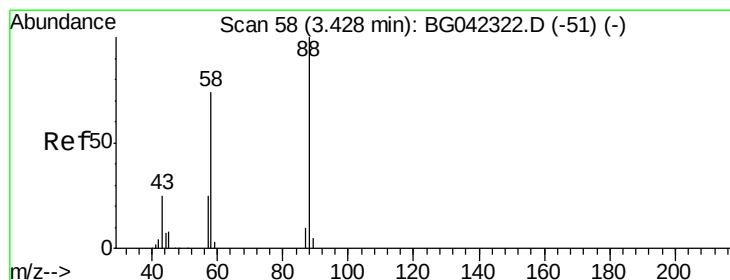
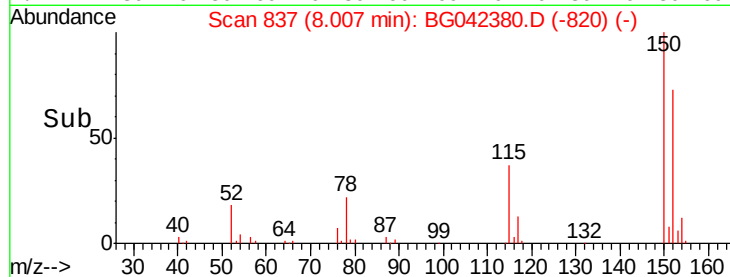
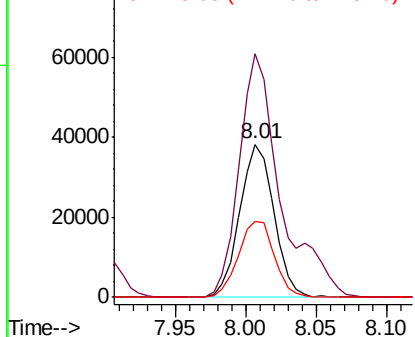


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

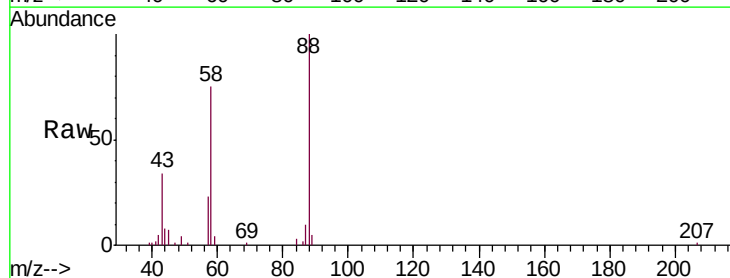
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.267 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	58.6	88.0
43	26.8	19.4	29.0

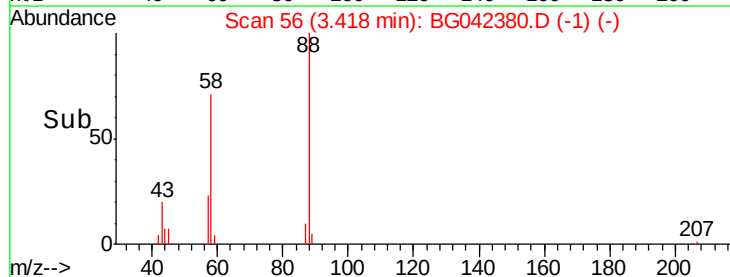
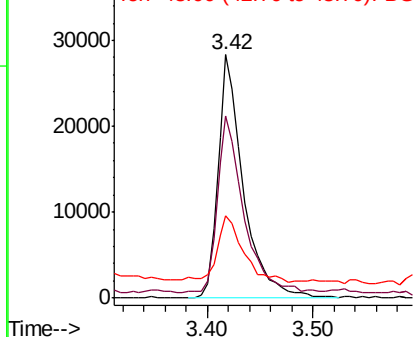


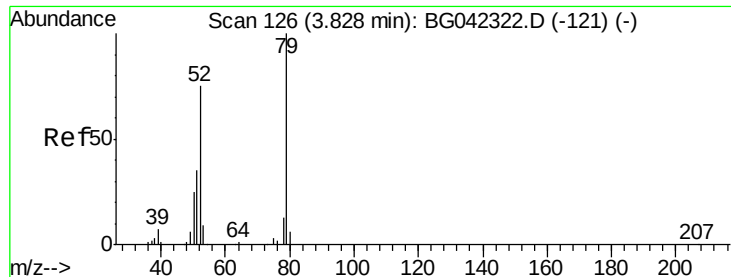
Abundance

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





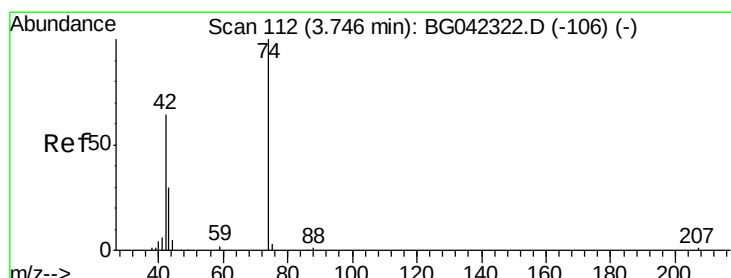
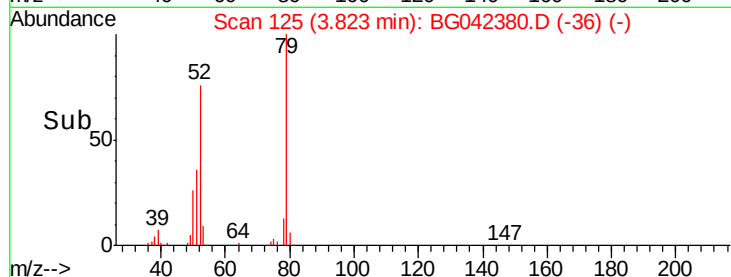
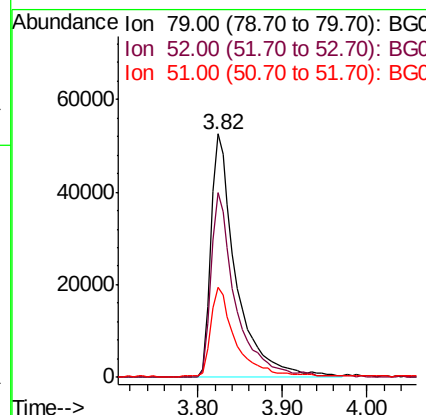
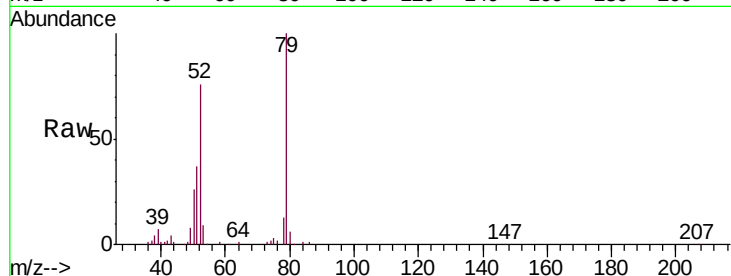
#3
 Pvridine
 Concen: 30.958 ng
 RT: 3.82 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	76.0	60.0	90.0
51	37.1	28.6	42.8

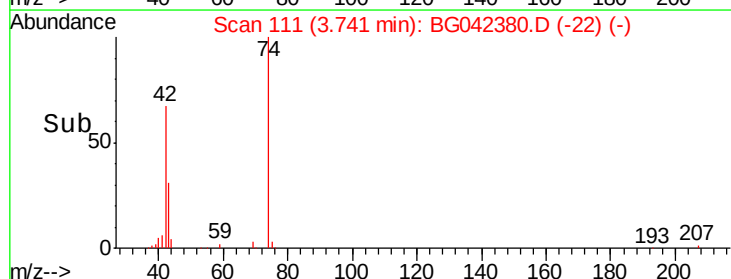
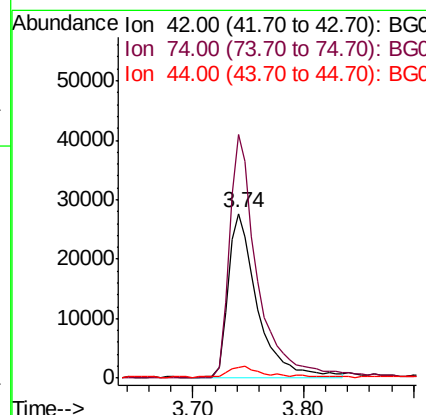
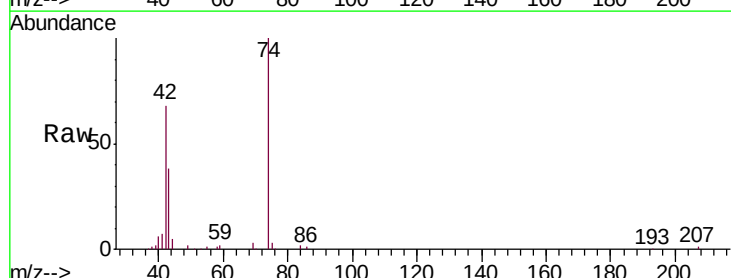
Manual Integrations
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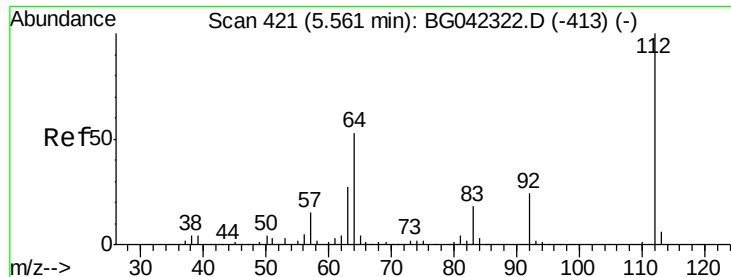
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#4
 n-Nitrosodimethylamine
 Concen: 42.582 ng
 RT: 3.74 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	147.7	124.2	186.2
44	6.8	6.5	9.7





#5

2-Fluorophenol

Concen: 128.925 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

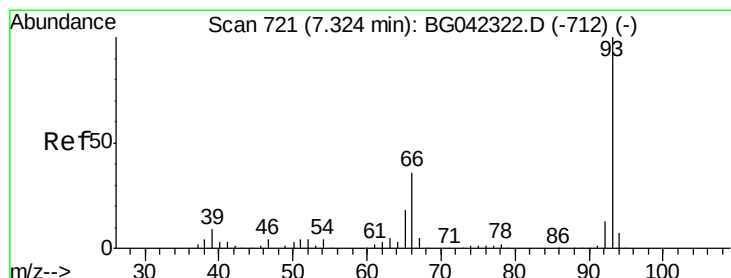
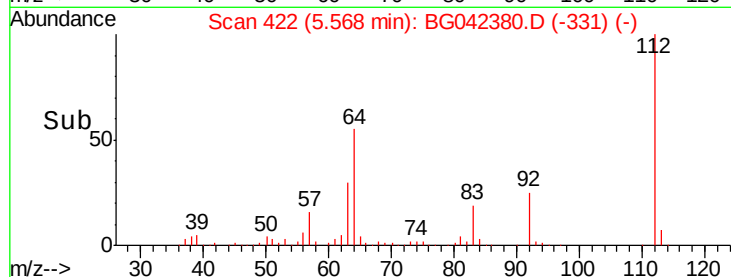
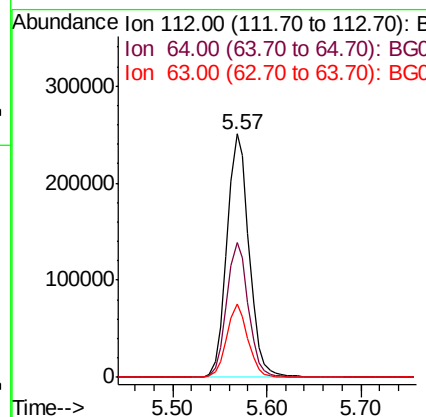
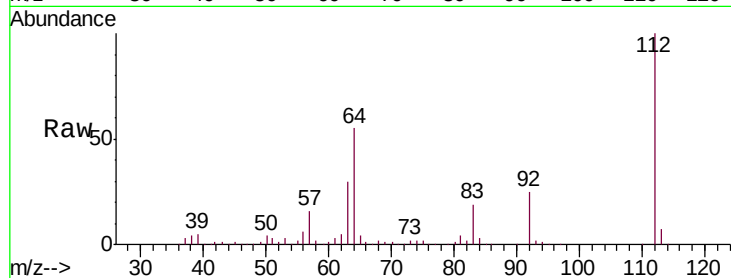
ClientSampled :

PB122256BS

Tot Ion:	112	Resp:	412635
Ion Ratio	Lower	Upper	
112	100		
64	55.4	42.5	63.7
63	29.9	21.7	32.5

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#6

Aniline

Concen: 31.411 ng

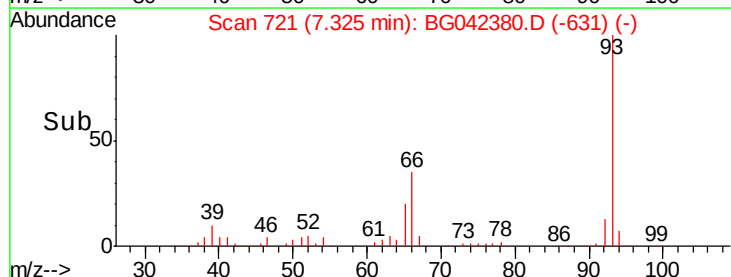
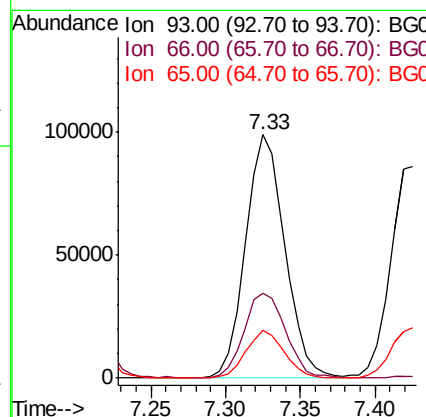
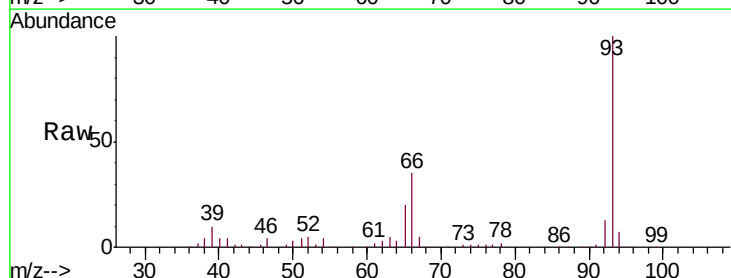
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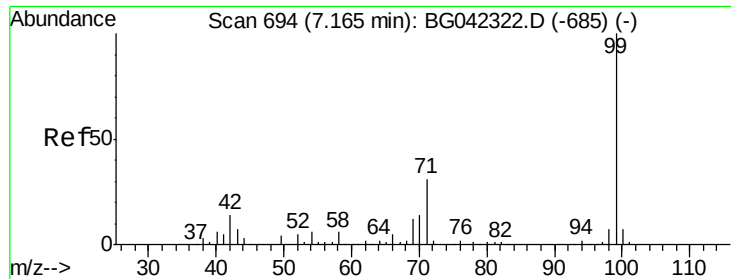
Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	93	Resp:	180195
Ion Ratio	Lower	Upper	
93	100		
66	35.0	29.1	43.7
65	19.7	14.7	22.1





#7

Phenol-d6

Concen: 124.261 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

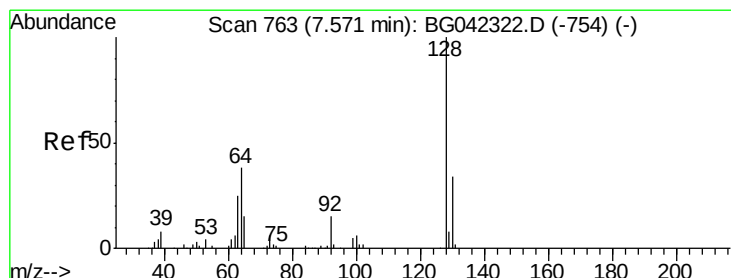
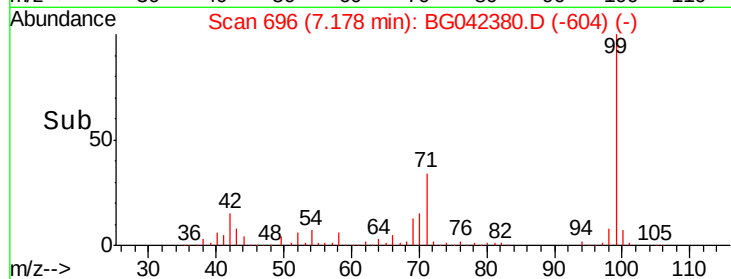
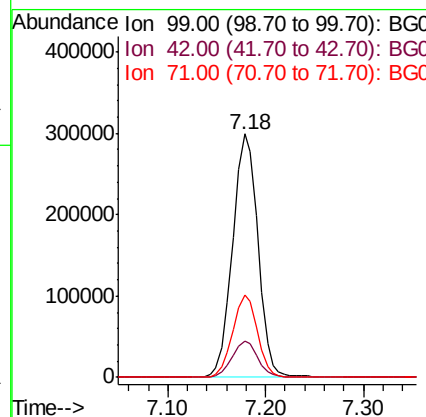
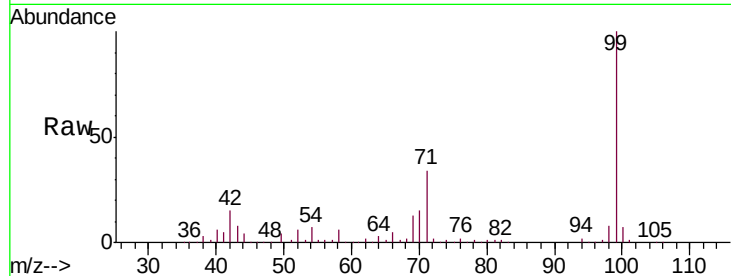
ClientSampleId :

PB122256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		540136		
42	14.8	11.4	17.0		
71	33.9	25.1	37.7		

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#8

2-Chlorophenol

Concen: 46.384 ng

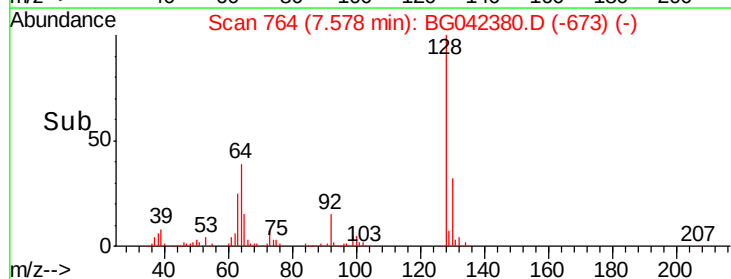
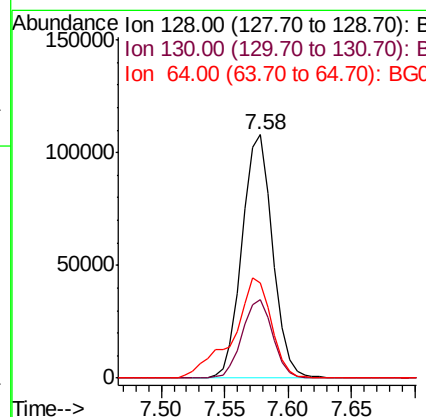
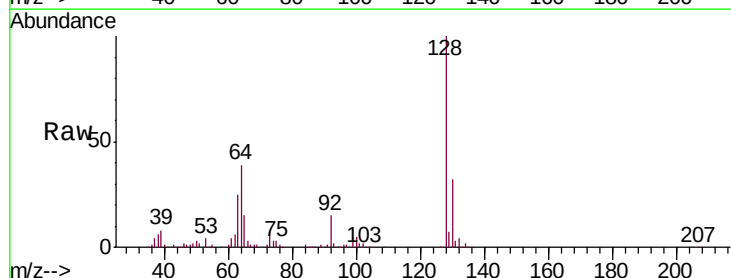
RT: 7.58 min Scan# 764

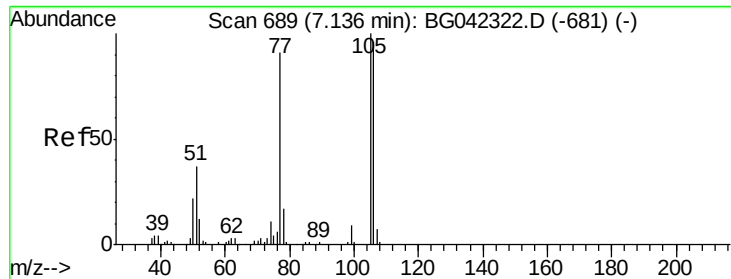
Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		180476		
130	32.1	13.5	53.5		
64	38.9	19.8	59.8		





#9

Benzaldehyde

Concen: 17.883 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

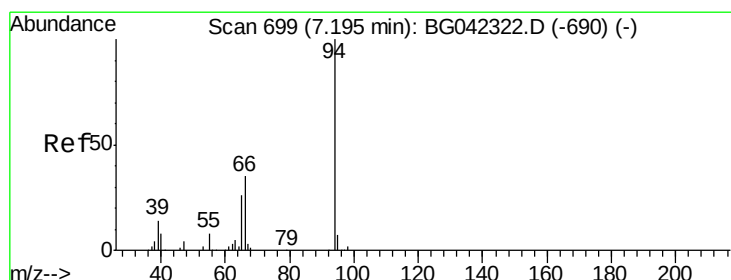
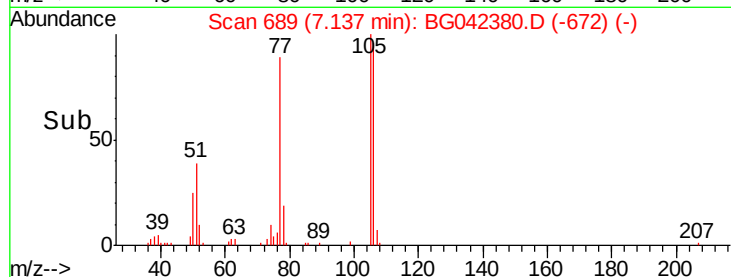
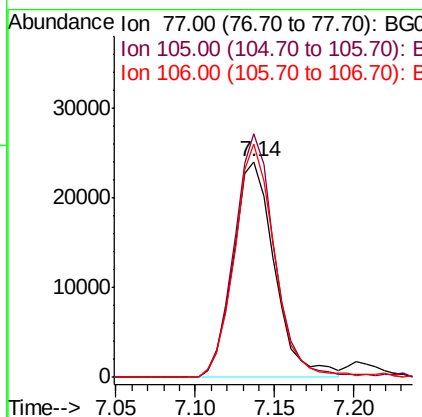
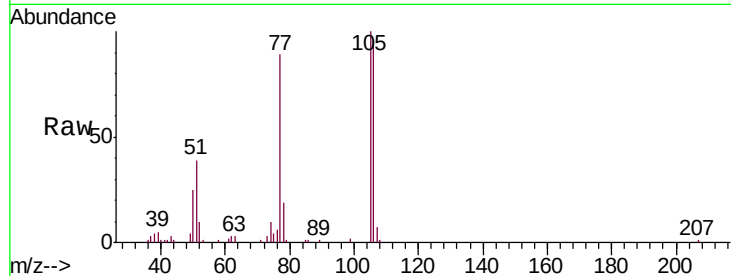
ClientSampleId :

PB122256BS

Tot Ion:	77	Resp:	43724
Ion	Ratio	Lower	Upper
77	100		
105	112.9	89.8	129.8
106	108.1	85.1	125.1

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#10

Phenol

Concen: 46.896 ng

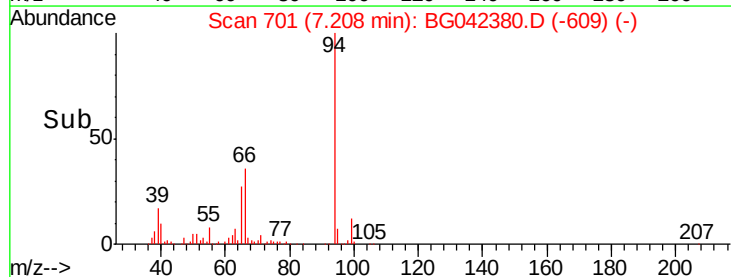
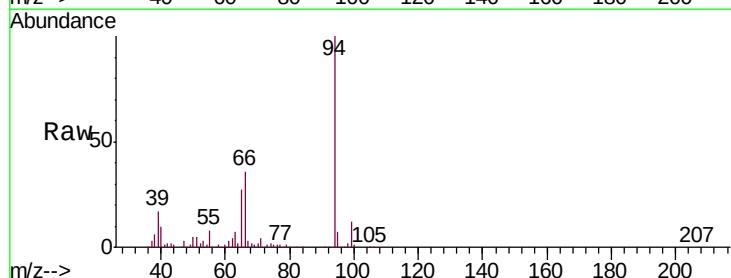
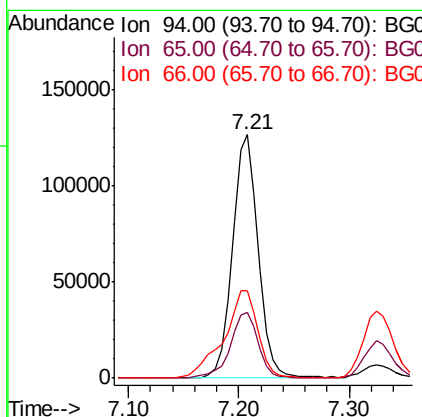
RT: 7.21 min Scan# 701

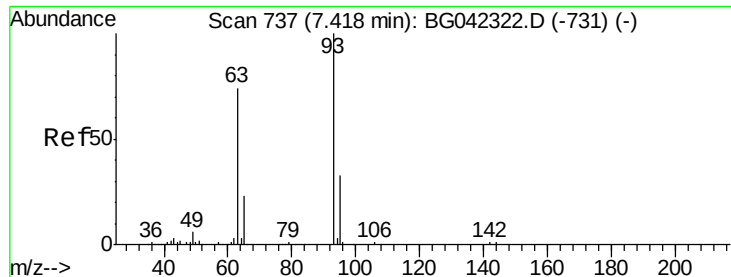
Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	94	Resp:	207246
Ion	Ratio	Lower	Upper
94	100		
65	27.1	6.1	46.1
66	36.0	15.7	55.7





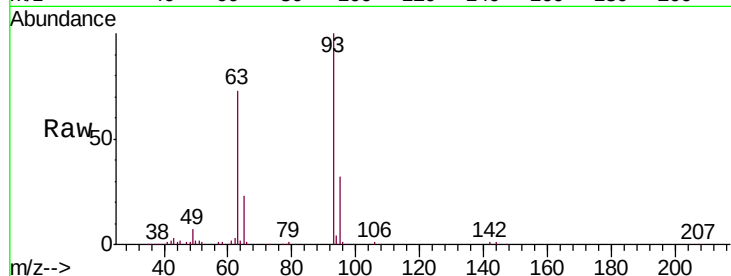
#11
bis(2-Chloroethyl)ether
Concen: 41.603 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampled :
PB122256BS

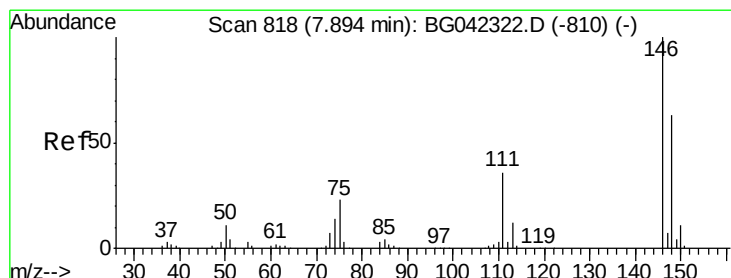
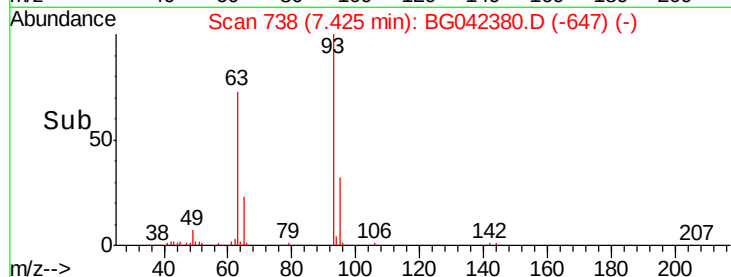
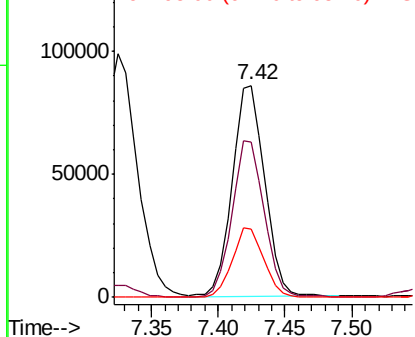
Tot Ion:	93	Resp:	145216
Ion	Ratio	Lower	Upper
93	100		
63	73.3	53.0	93.0
95	32.2	13.0	53.0

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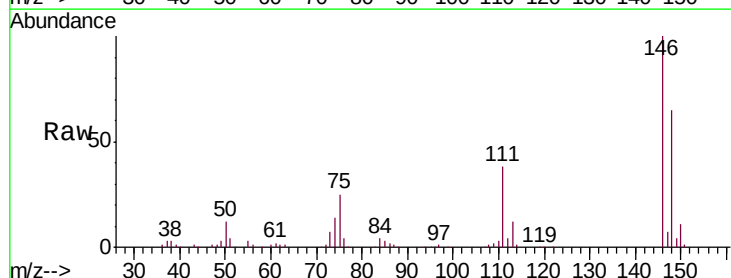


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

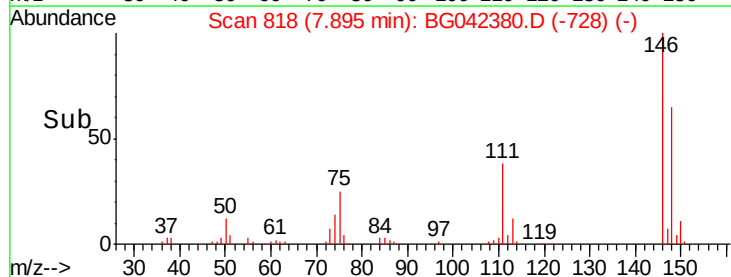
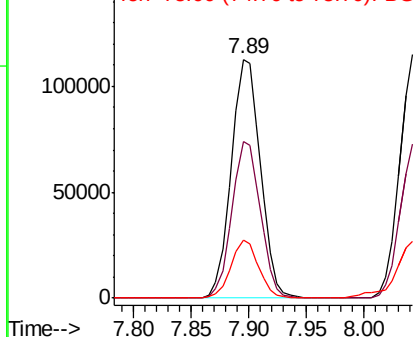


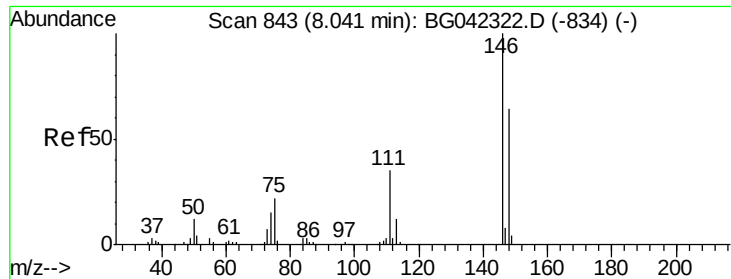
#12
1,3-Dichlorobenzene
Concen: 39.885 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:	146	Resp:	197510
Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.2	75.2
75	24.5	18.2	27.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





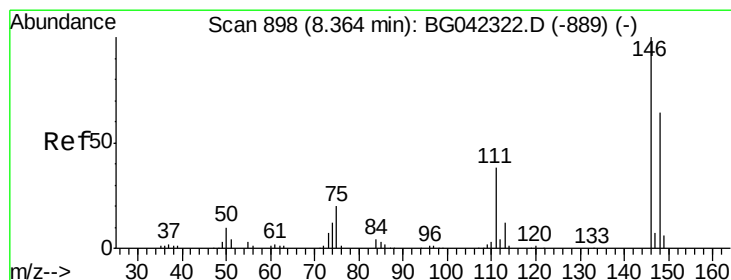
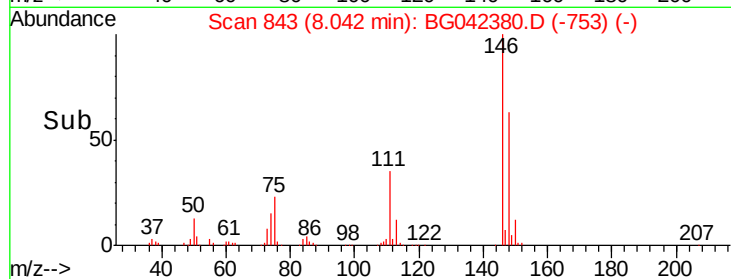
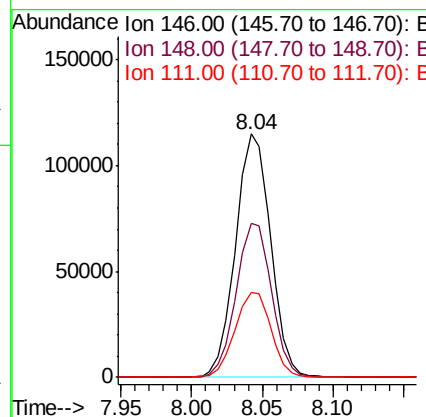
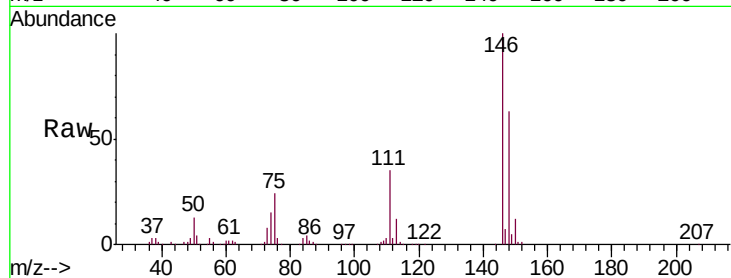
#13
 1,4-Dichlorobenzene
 Concen: 40.079 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
111	34.8	28.3	42.5

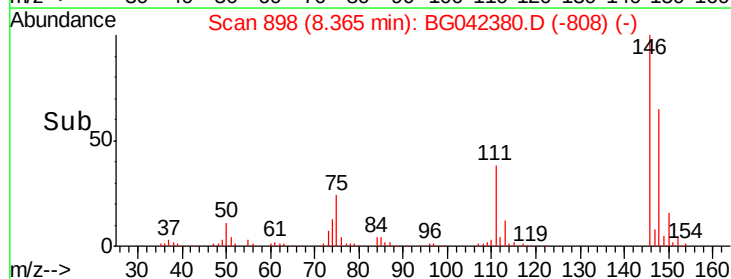
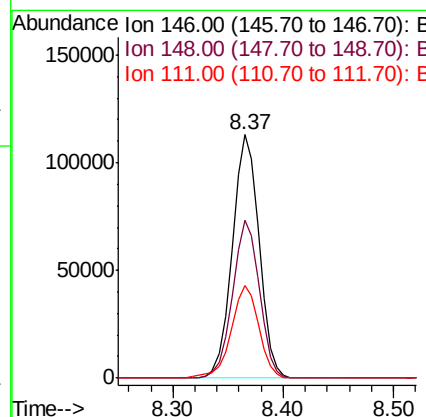
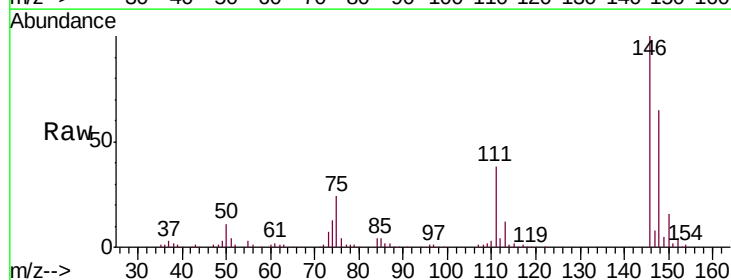
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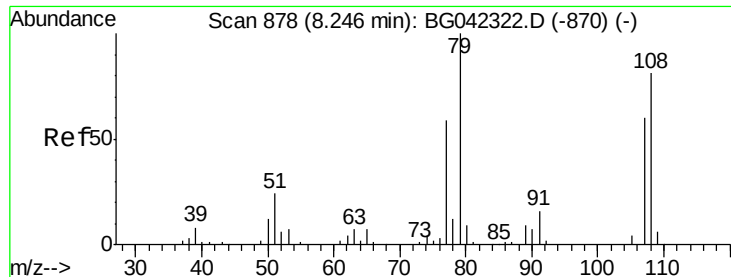
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#14
 1,2-Dichlorobenzene
 Concen: 40.372 ng
 RT: 8.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	37.8	30.6	46.0





#15

Benzyl Alcohol

Concen: 46.729 ng

RT: 8.25 min Scan# 879

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

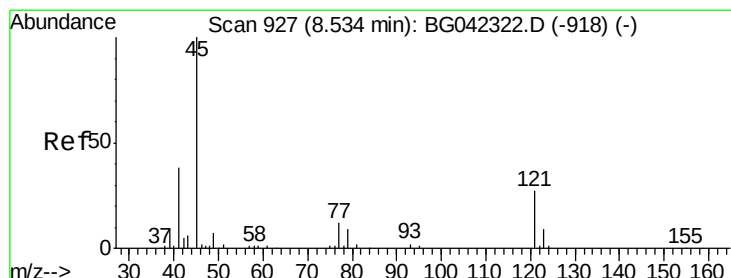
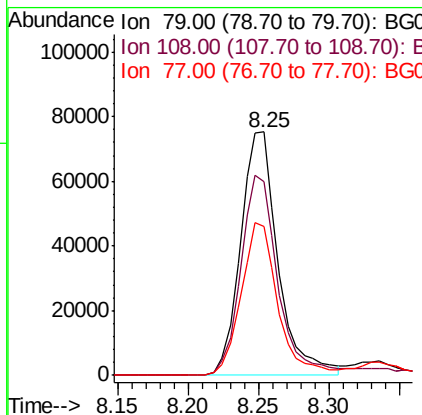
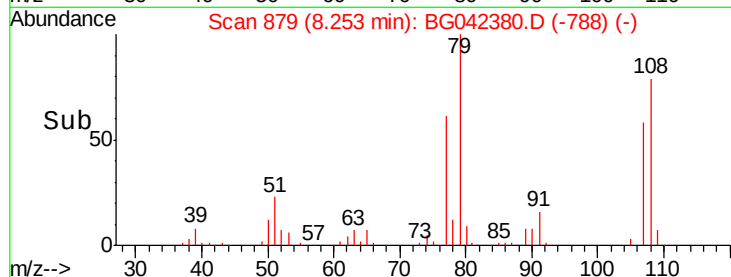
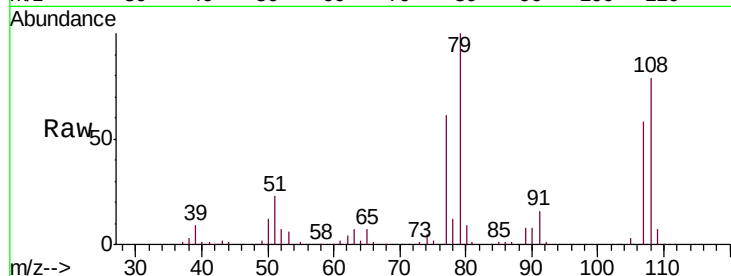
ClientSampled :

PB122256BS

Tot Ion:	79	Resp:	139696
Ion Ratio	Lower	Upper	
79	100		
108	79.4	64.8	97.2
77	61.4	47.6	71.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.691 ng

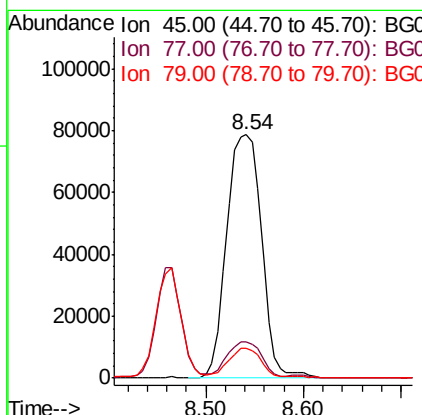
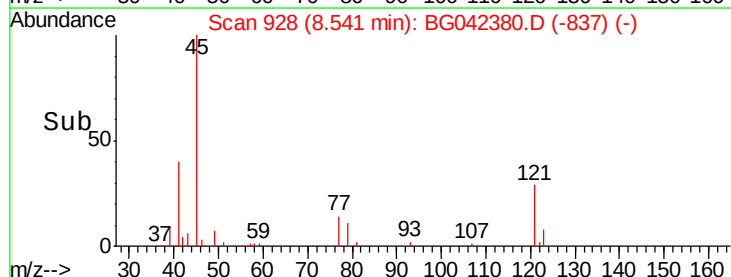
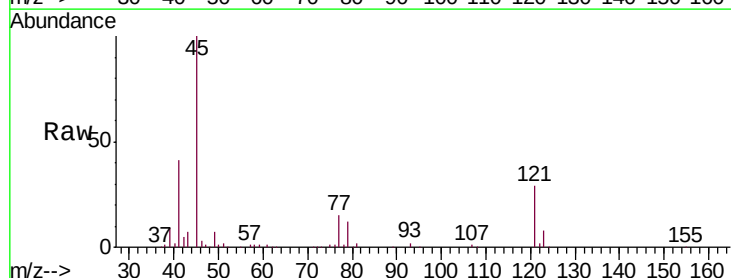
RT: 8.54 min Scan# 928

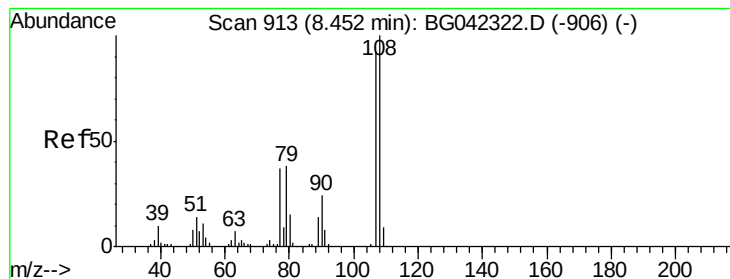
Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	45	Resp:	195863
Ion Ratio	Lower	Upper	
45	100		
77	15.1	0.0	34.6
79	12.2	0.0	31.4





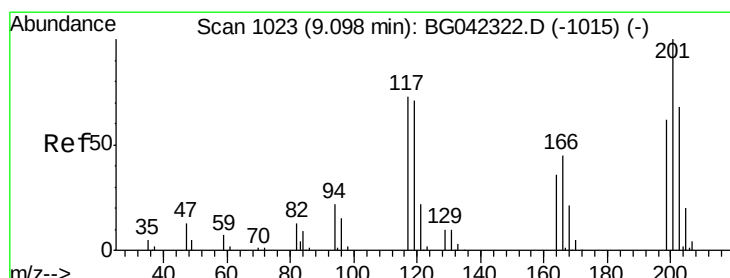
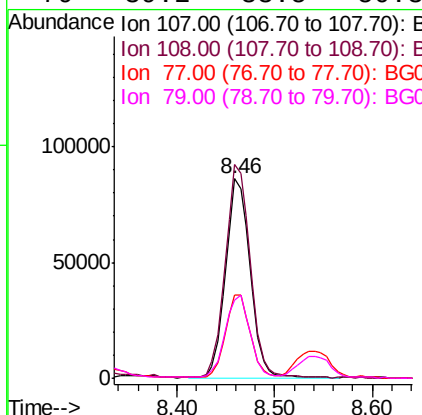
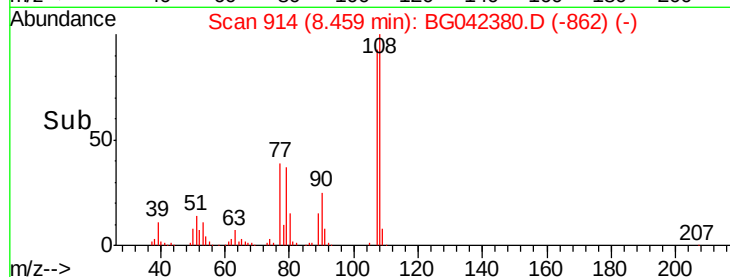
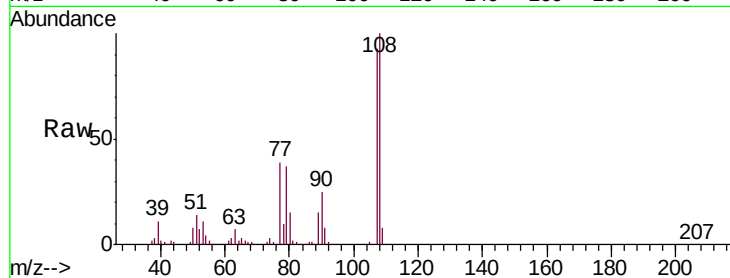
#17
2-Methylphenol
Concen: 45.832 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.0	87.0	130.6	
77	41.7	32.3	48.5	
79	39.2	33.5	50.3	

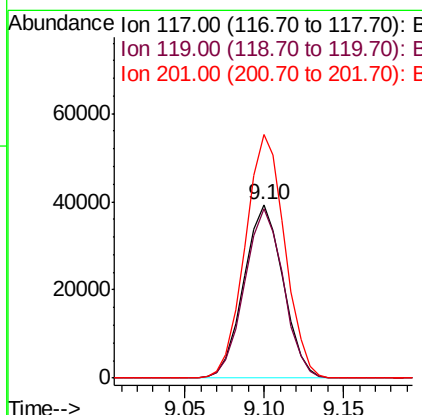
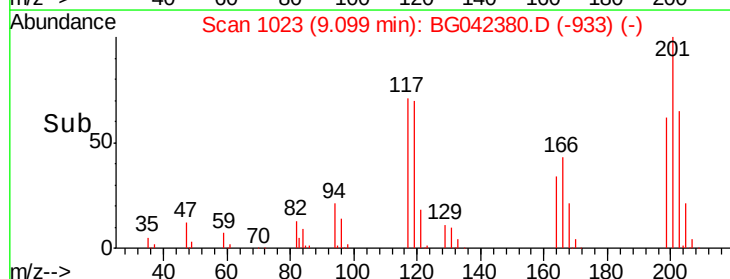
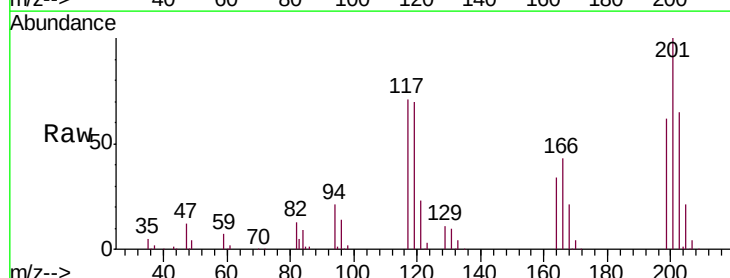
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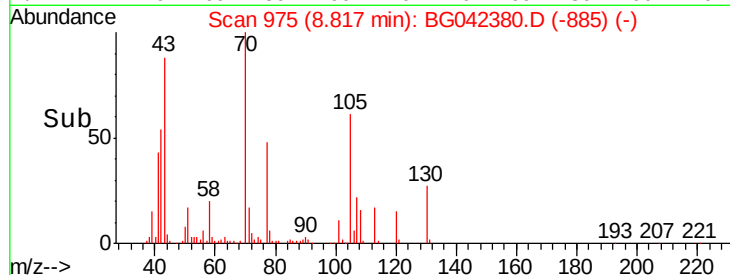
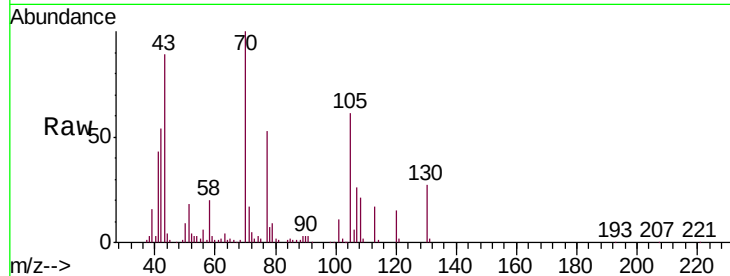
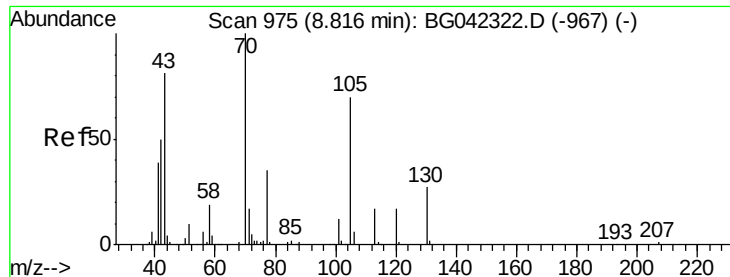
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#18
Hexachloroethane
Concen: 39.543 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	77.6	116.4	
201	140.5	109.4	164.2	





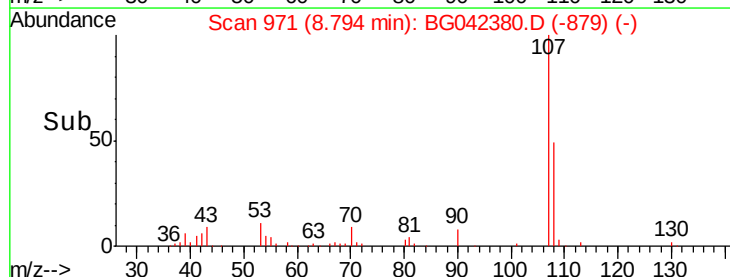
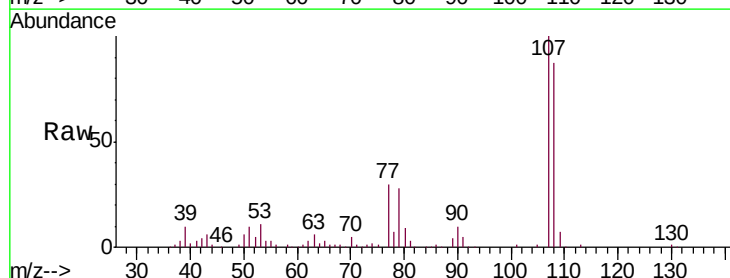
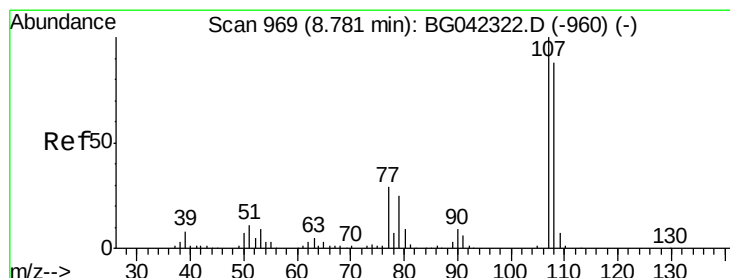
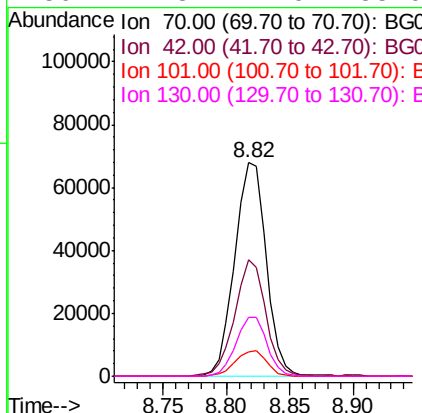
#19
n-Nitroso-di-n-propylamine
Concen: 41.842 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.4	40.5	60.7		
101	11.2	9.3	13.9		
130	27.3	22.0	33.0		

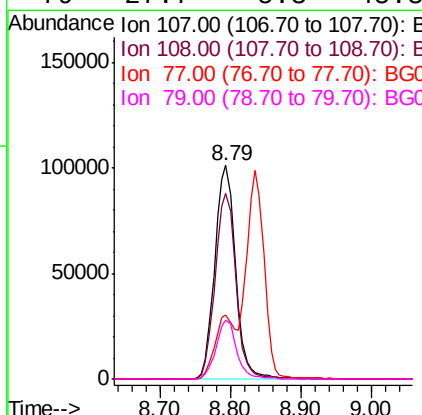
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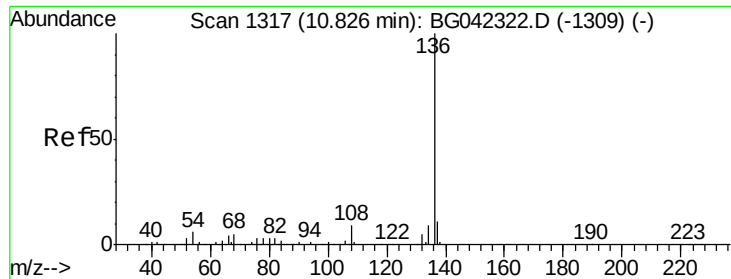
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#20
3+4-Methylphenols
Concen: 45.886 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.1	67.8	107.8		
77	29.8	9.1	49.1		
79	27.7	5.3	45.3		





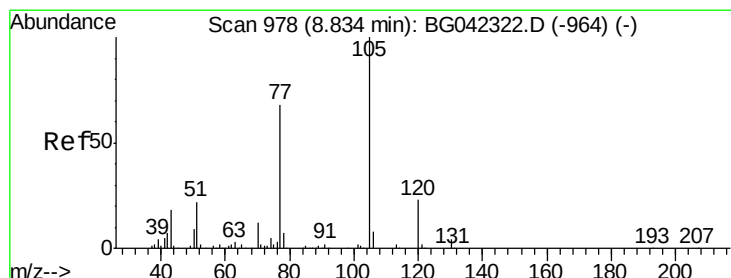
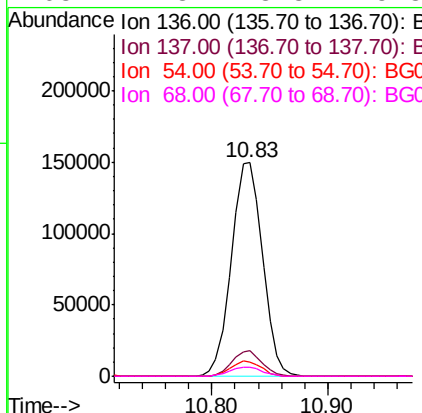
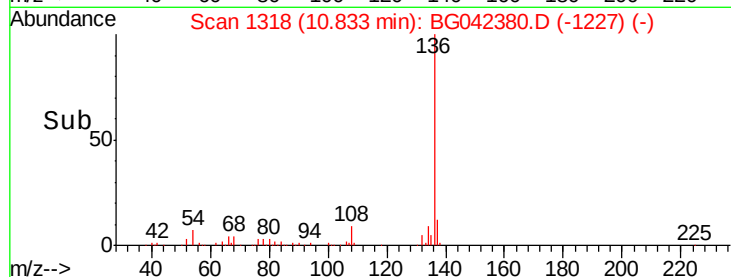
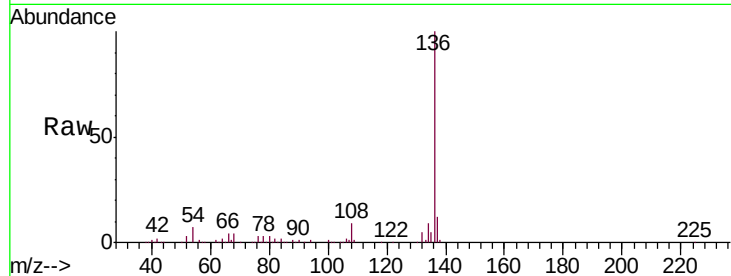
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	278973		
137	11.8		8.4	12.6
54	6.8		5.0	7.4
68	4.3		3.8	5.8

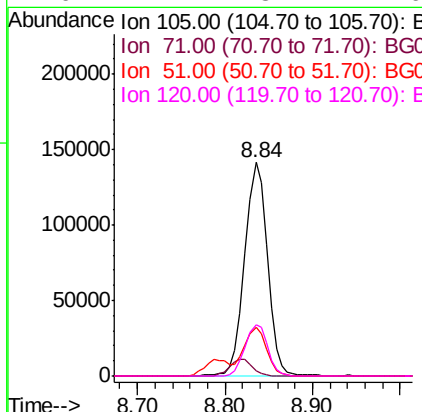
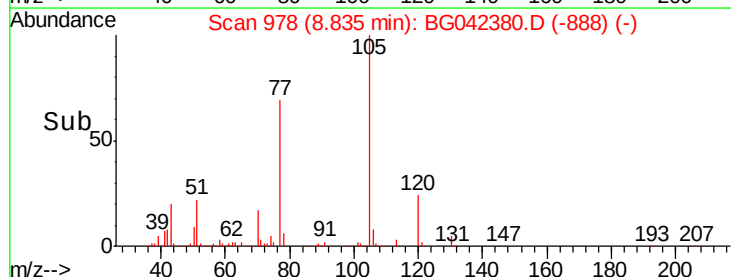
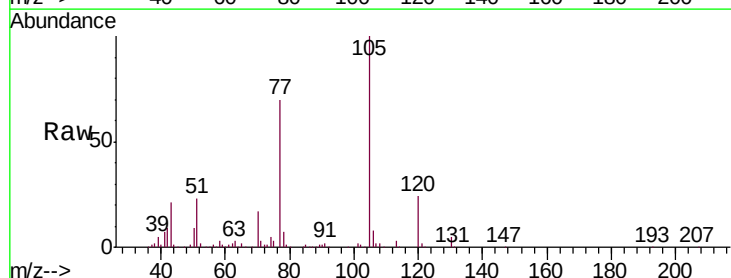
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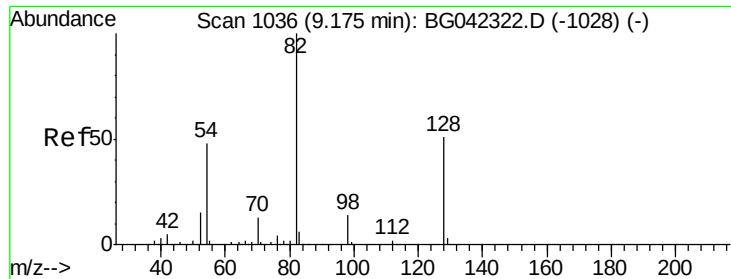
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#22
Acetophenone
Concen: 41.964 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248747		
71	2.6		1.8	2.8
51	22.5		17.5	26.3
120	24.2		18.4	27.6





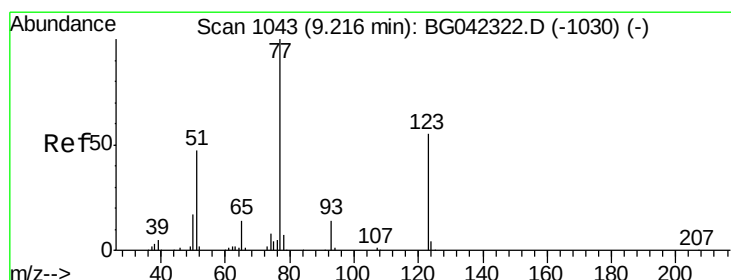
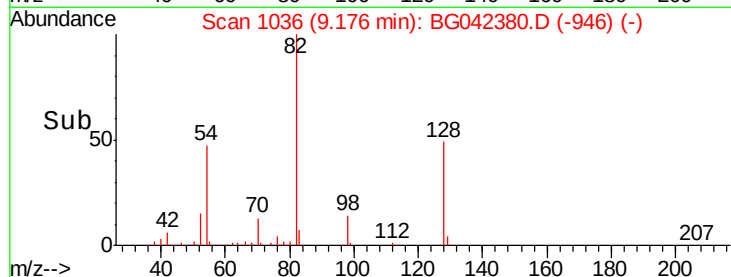
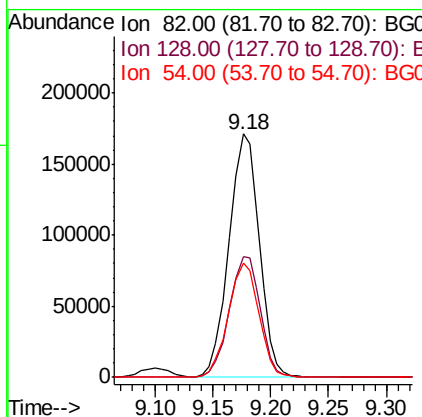
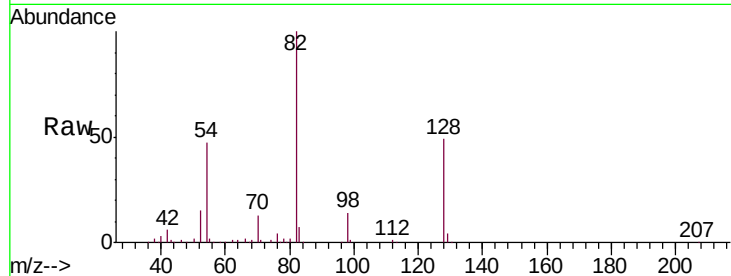
#23
 Nitrobenzene-d5
 Concen: 78.356 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.4	41.0	61.4	
54	46.8	38.0	57.0	

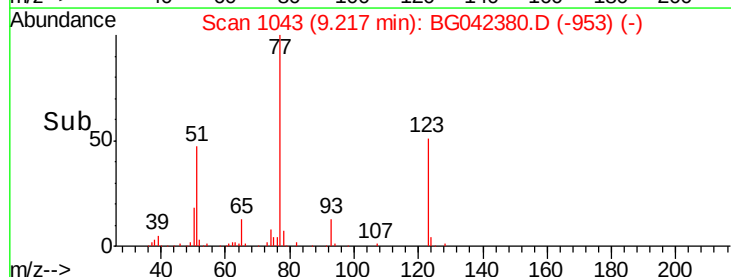
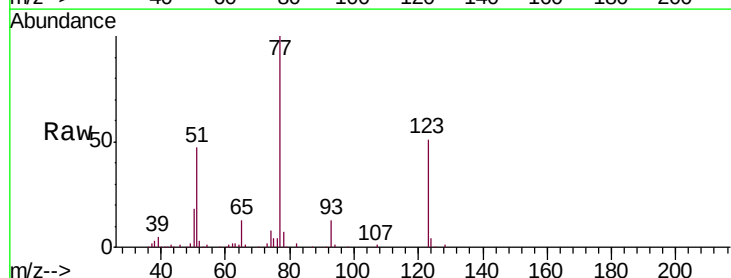
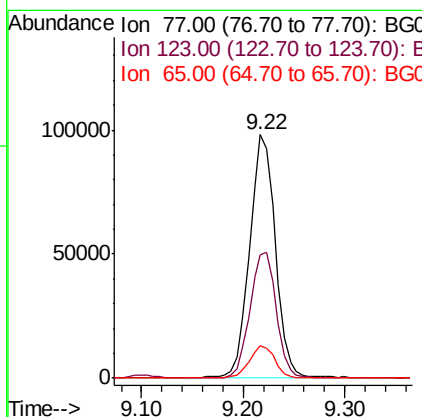
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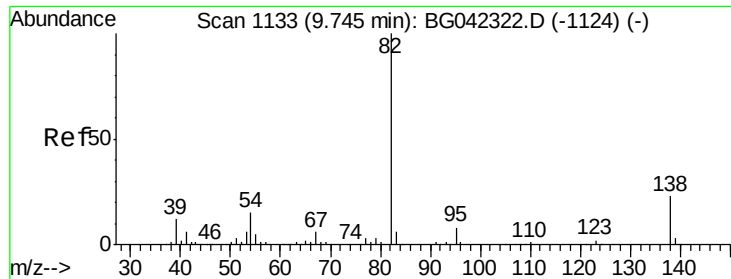
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#24
 Nitrobenzene
 Concen: 42.837 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.6	43.7	65.5	
65	13.4	10.9	16.3	





#25

Isophorone

Concen: 41.924 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

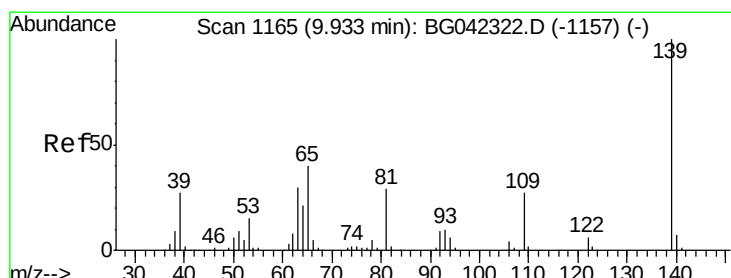
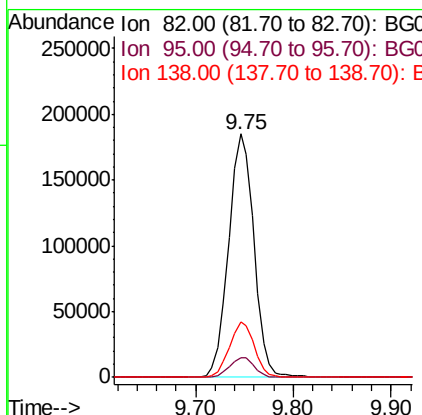
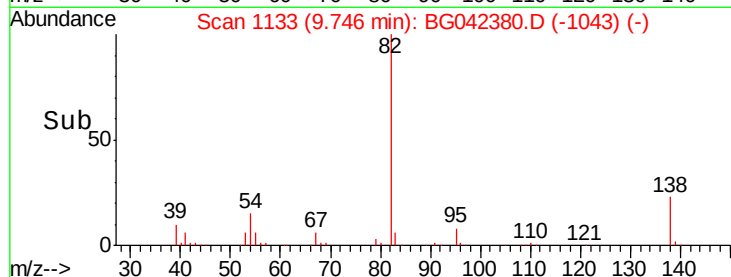
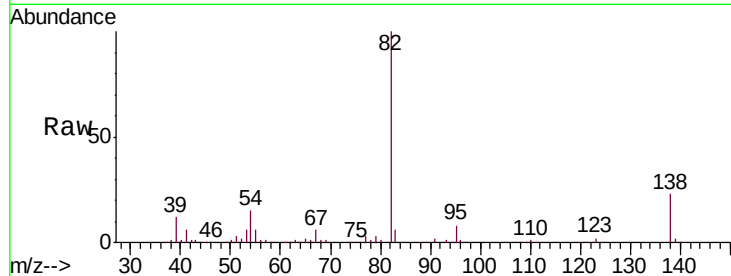
ClientSampleId :

PB122256BS

Tot Ion:	82	Resp:	332523
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.1	9.1
138	22.6	18.2	27.2

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#26

2-Nitrophenol

Concen: 44.589 ng

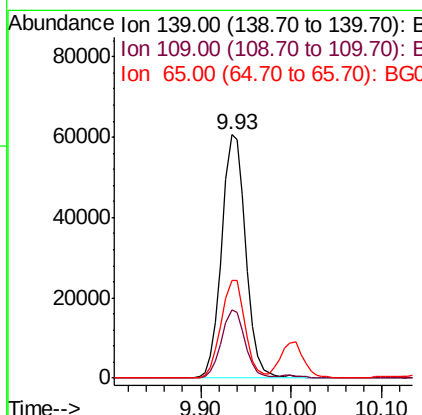
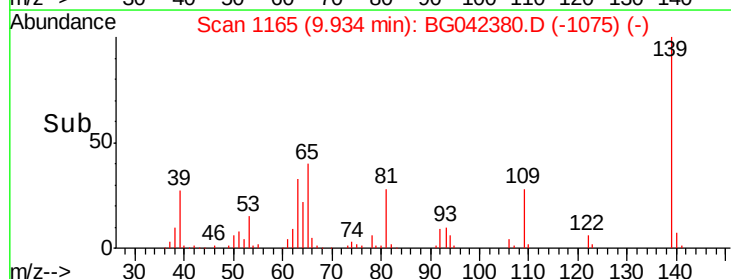
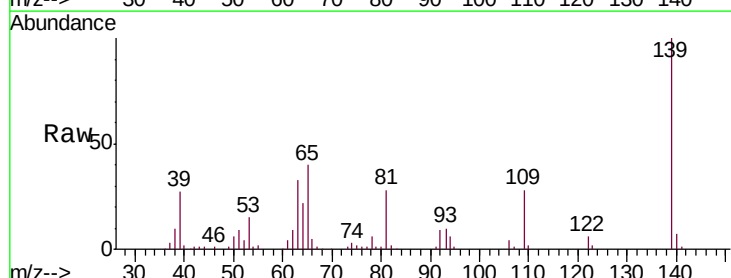
RT: 9.93 min Scan# 1165

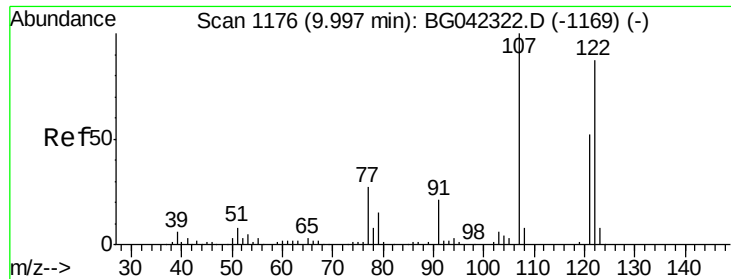
Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	139	Resp:	112029
Ion Ratio	Lower	Upper	
139	100		
109	28.0	21.4	32.2
65	40.0	31.8	47.6





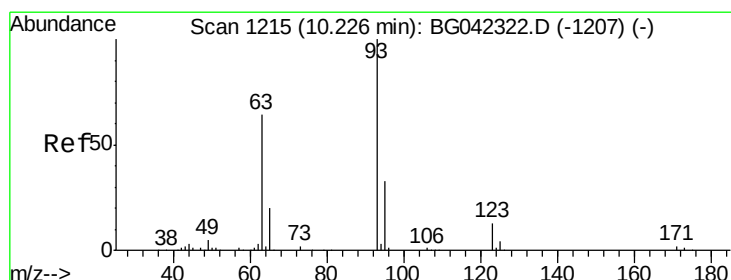
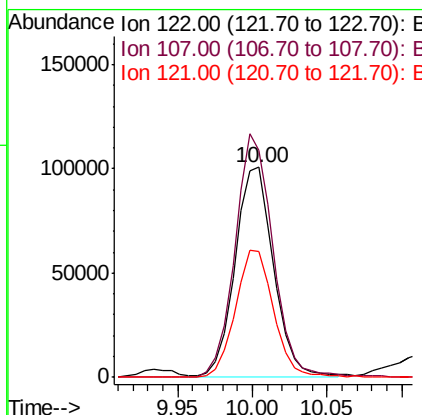
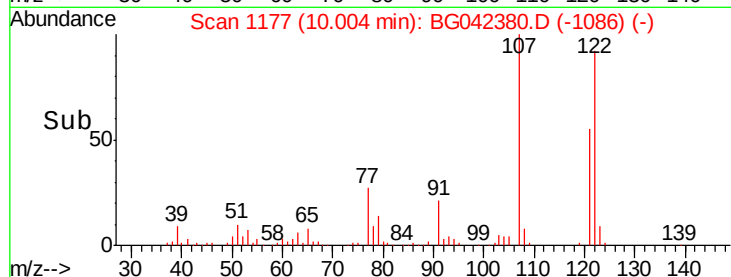
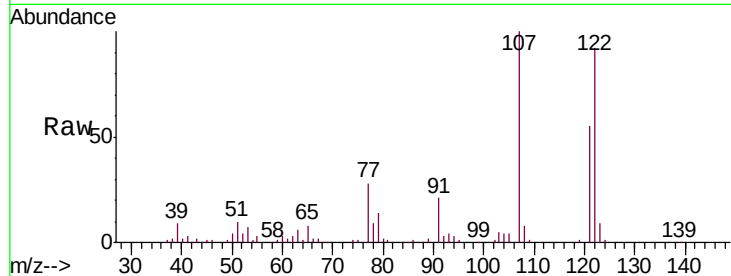
#27
 2,4-Dimethylphenol
 Concen: 51.760 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		180413		
107	108.2	91.0	136.4		
121	59.8	47.1	70.7		

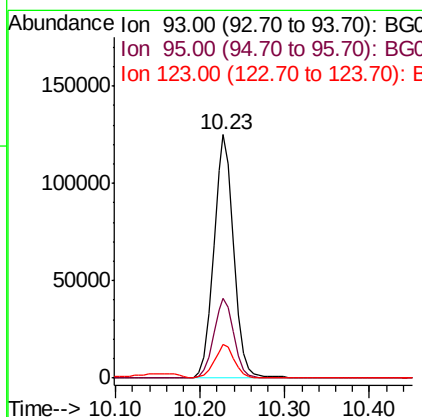
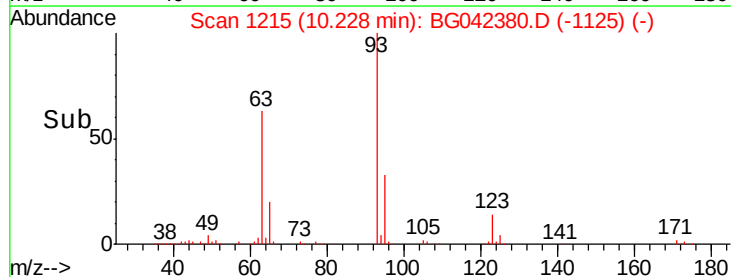
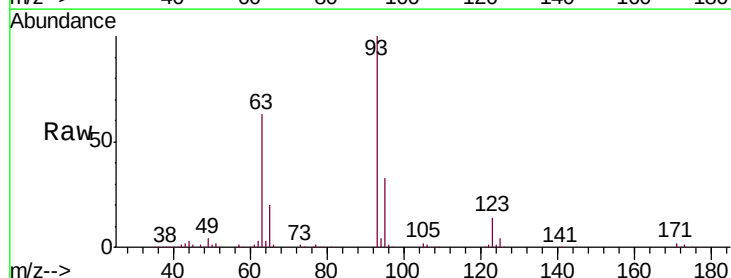
Manual Integrations
 APPROVED

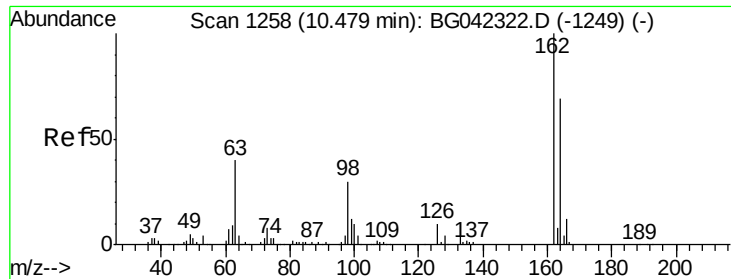
Jagrut
 8/22/2019 1:58:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.508 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		206955		
95	33.0	26.3	39.5		
123	13.9	10.3	15.5		





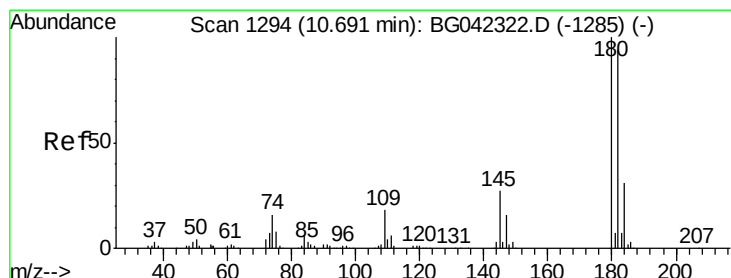
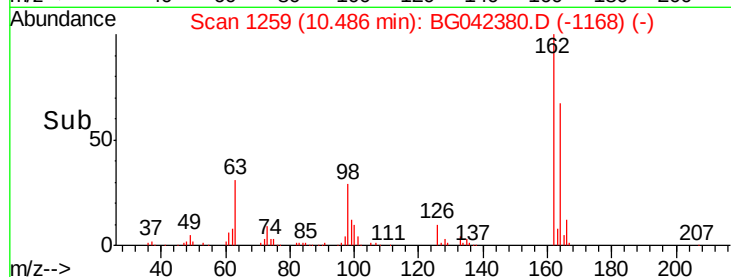
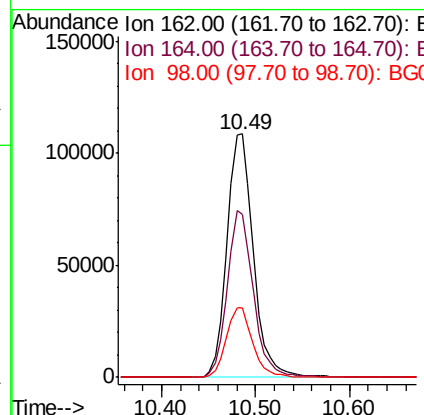
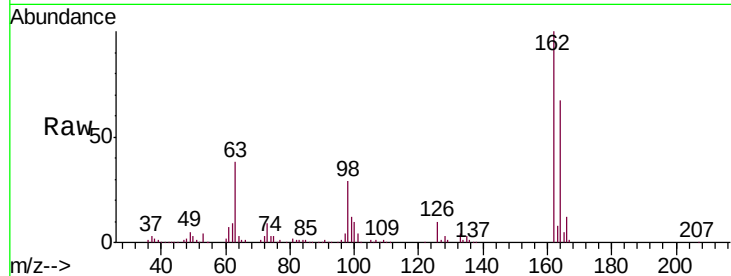
#29
 2,4-Dichlorophenol
 Concen: 45.915 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	212794		
164	66.8	48.6	88.6	
98	28.6	9.6	49.6	

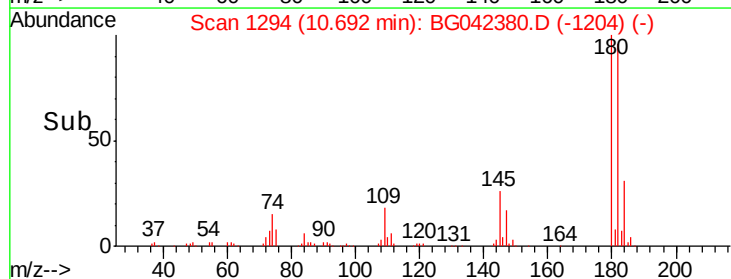
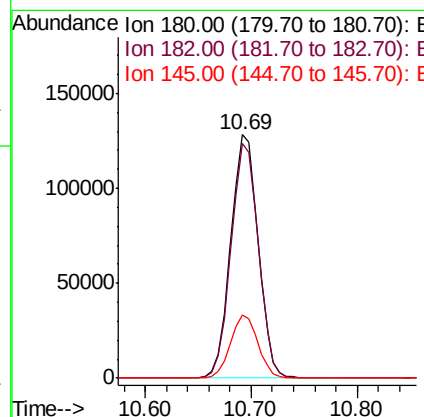
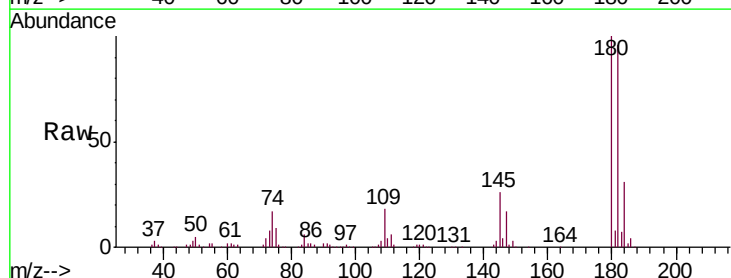
Manual Integrations
 APPROVED

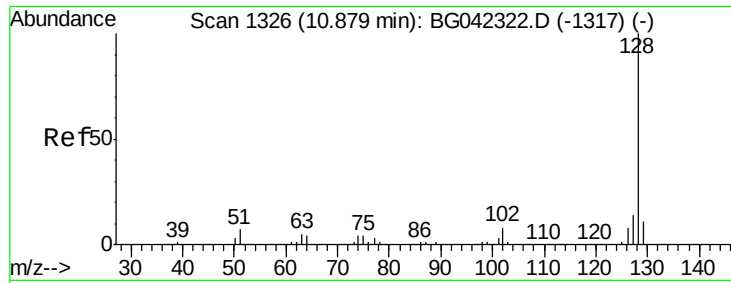
Jagrut
 8/22/2019 1:58:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.566 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229809		
182	96.5	75.1	112.7	
145	25.9	21.2	31.8	





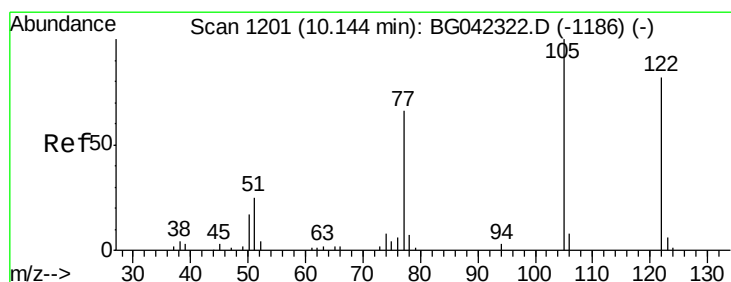
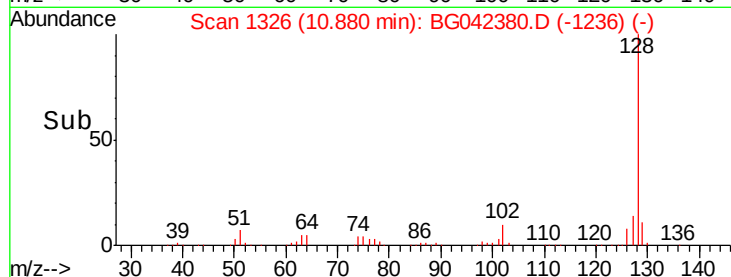
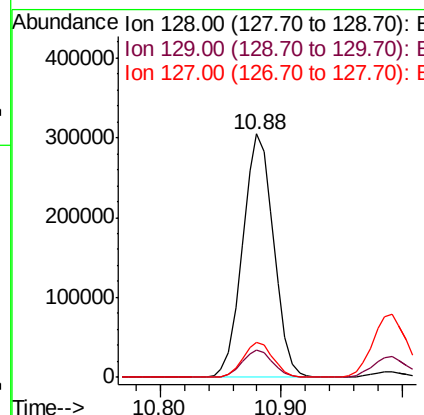
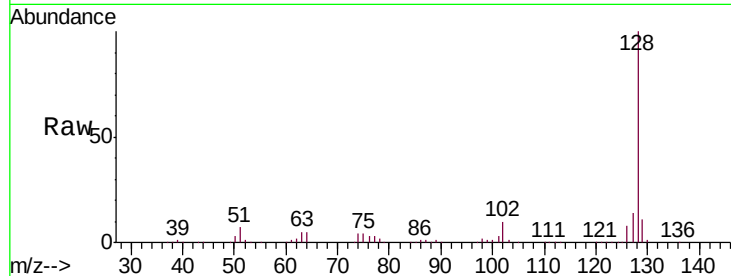
#31
Naphthalene
Concen: 42.055 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	543681		
129	11.5		8.6	13.0
127	14.3		10.8	16.2

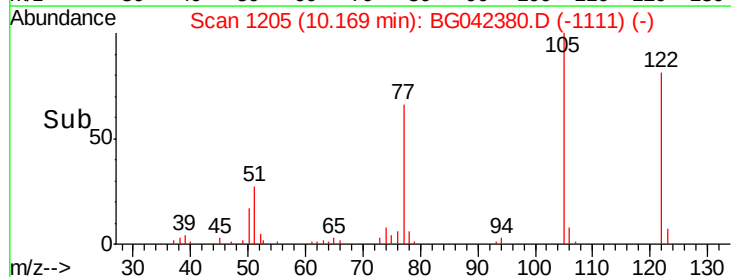
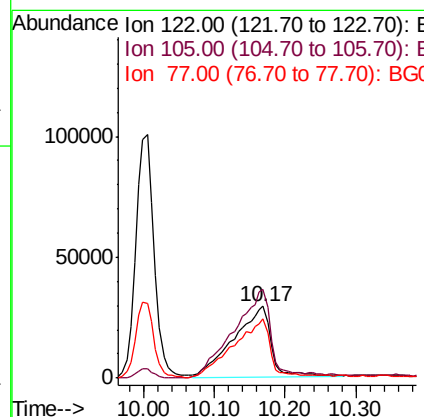
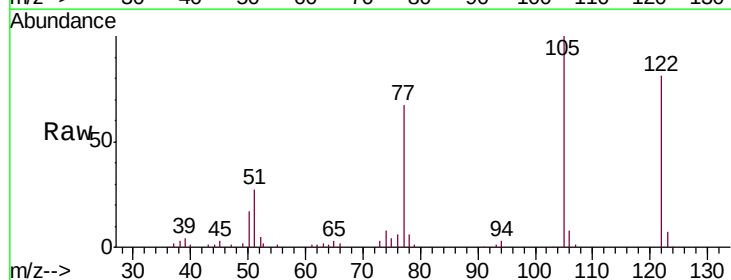
Manual Integrations
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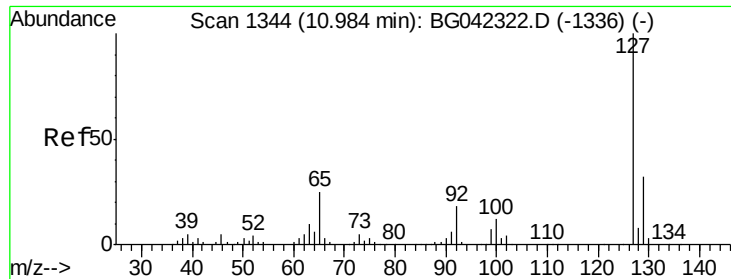
Jagrut
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#32
Benzoic acid
Concen: 43.317 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.02 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107454		
105	123.1		97.7	137.7
77	82.2		58.4	98.4





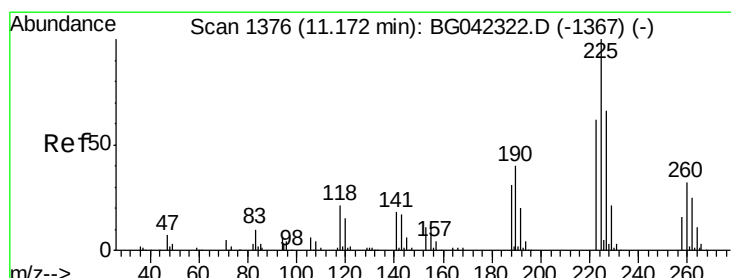
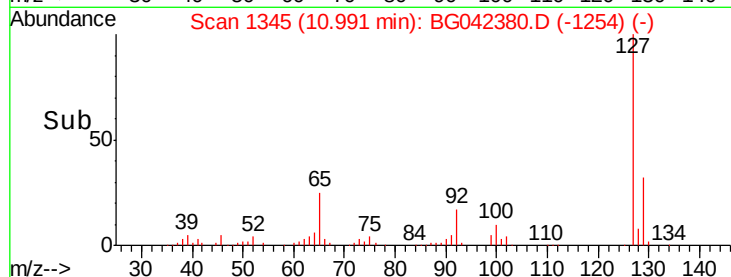
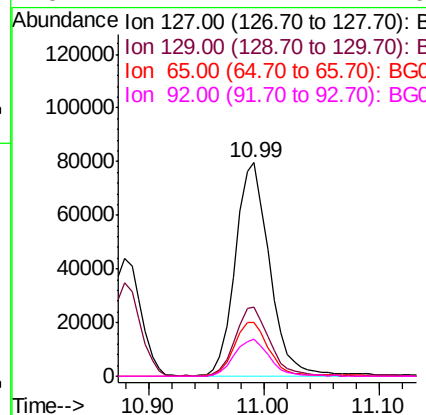
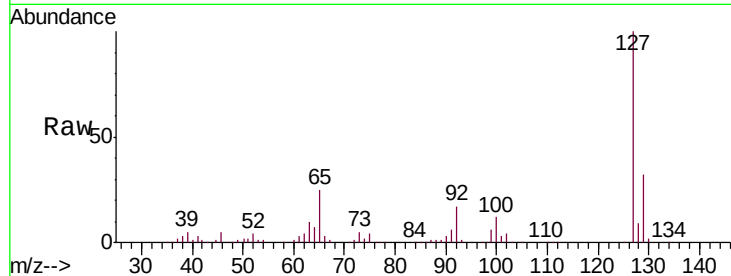
#33
4-Chloroaniline
Concen: 27.855 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	24.9	19.8	29.8		
92	17.2	14.4	21.6		

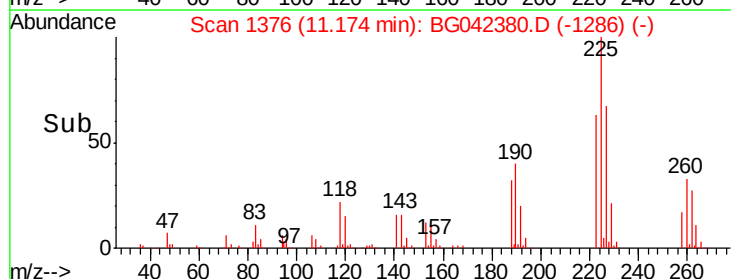
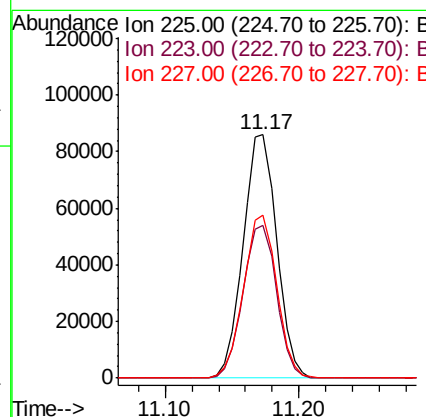
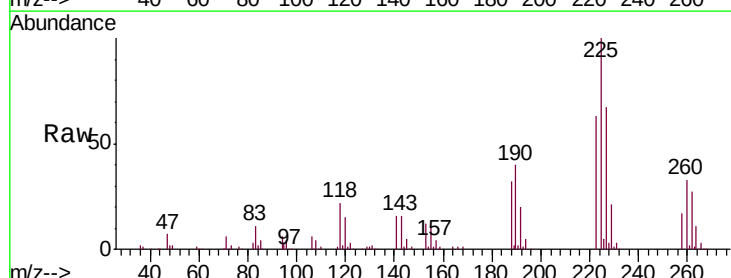
Manual Integrations
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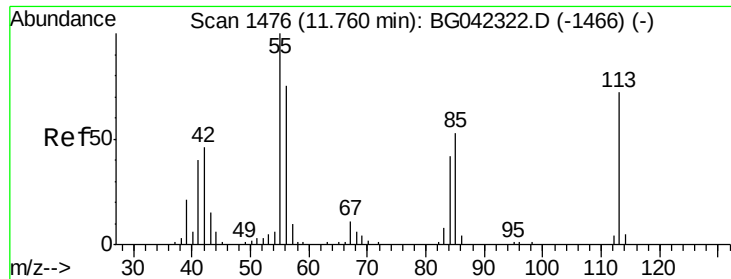
Jagrut
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#34
Hexachlorobutadiene
Concen: 39.372 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.8	74.8		
227	67.0	52.9	79.3		





#35

Caprolactam

Concen: 46.092 ng/ml

RT: 11.77 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

PB122256BS

Tot Ion:113 Resp: 68082

Ion Ratio Lower Upper

113 100

55 140.7 119.4 159.4

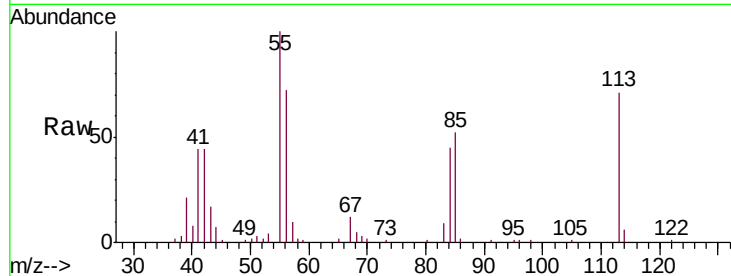
56 101.2 83.9 123.9

Manual Integrations

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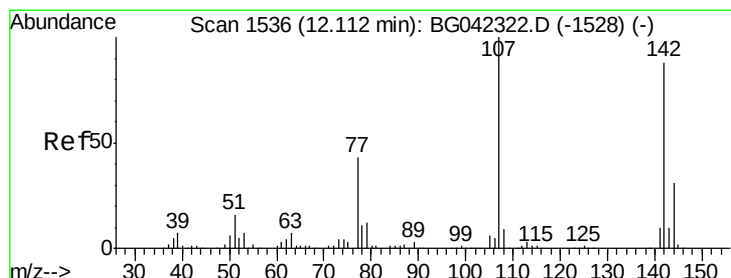
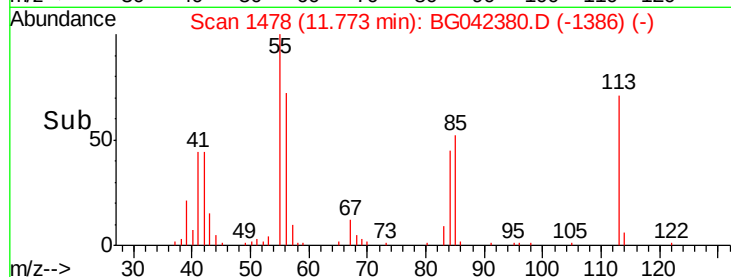
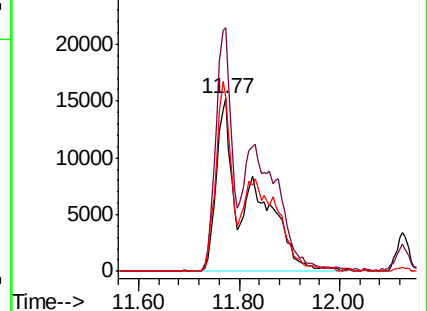
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 46.397 ng/ml

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

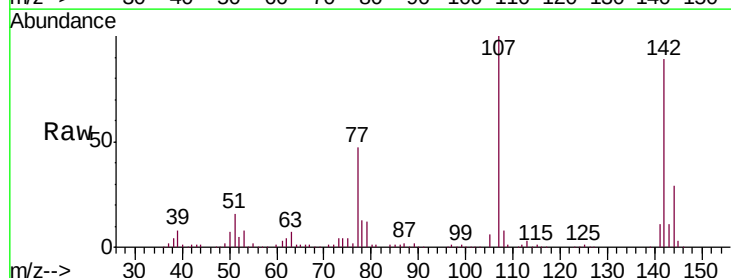
Tgt Ion:107 Resp: 200988

Ion Ratio Lower Upper

107 100

144 29.1 24.9 37.3

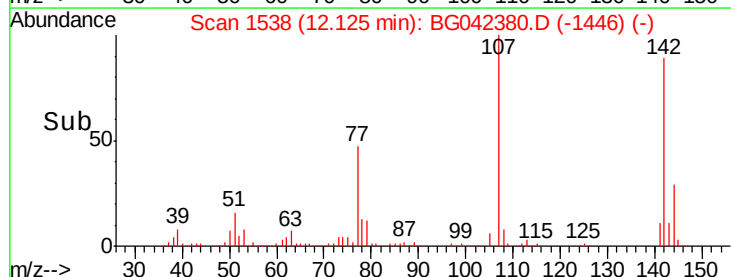
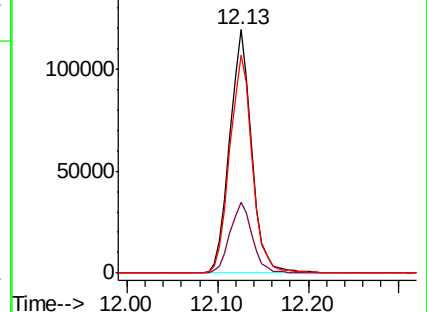
142 89.3 70.3 105.5

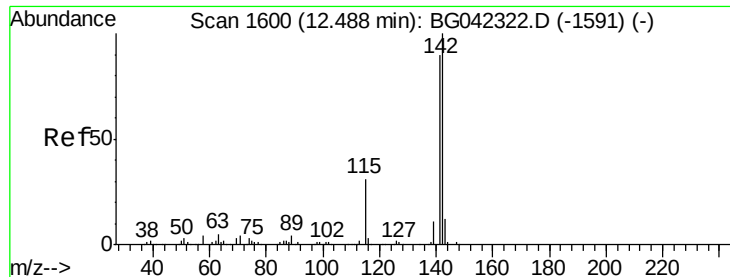


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





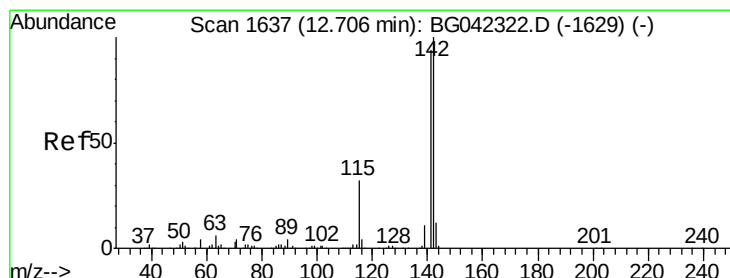
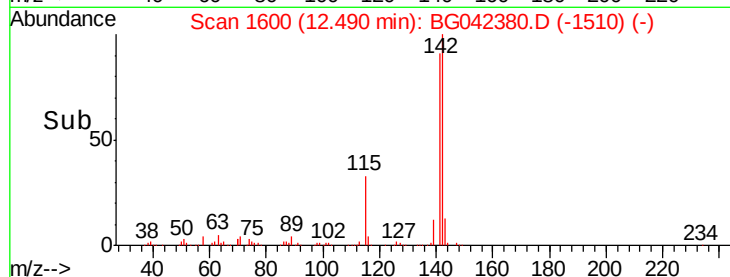
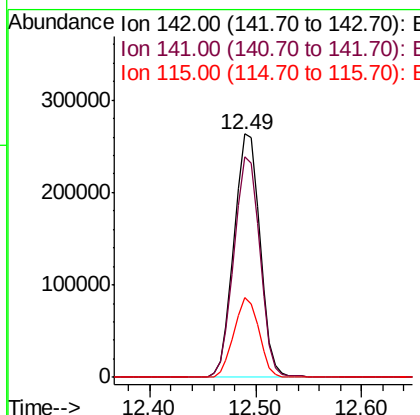
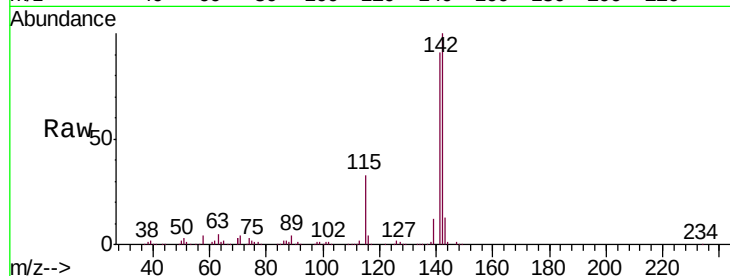
#37
 2-Methylnaphthalene
 Concen: 43.197 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.1	108.1
115	32.7	24.4	36.6

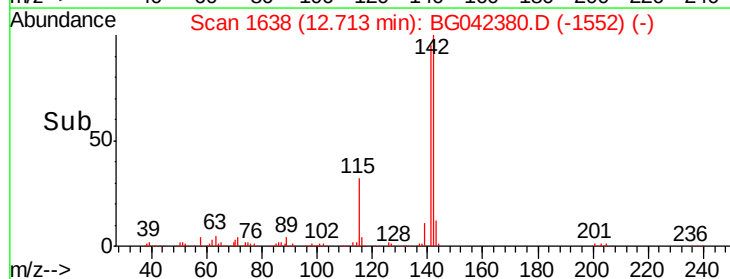
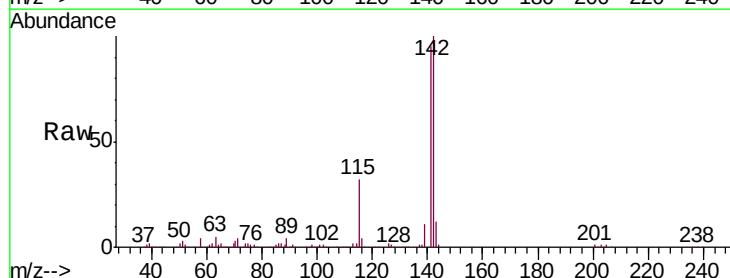
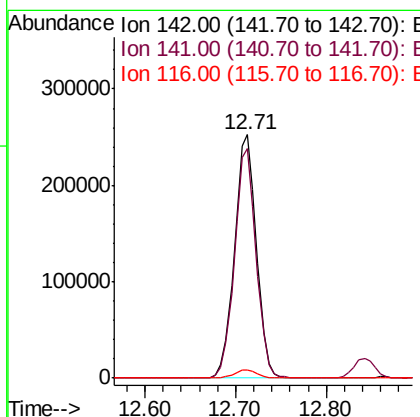
Manual Integrations
 APPROVED

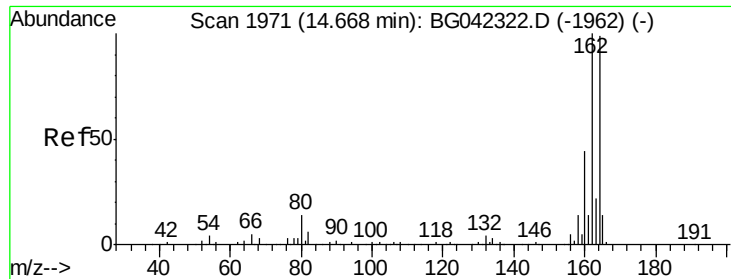
Jagrut
 8/22/2019 1:58:45 PM



#38
 1-Methylnaphthalene
 Concen: 42.992 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.1	112.7
116	3.5	3.0	4.6





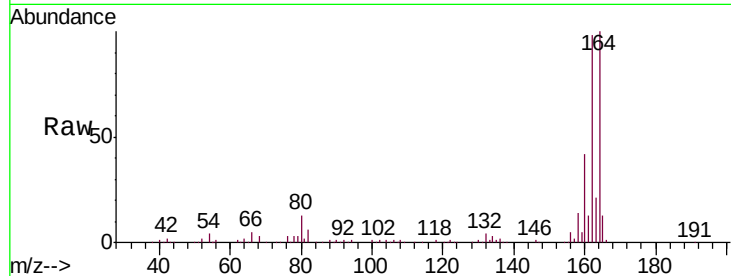
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.7	80.6	120.8
160	41.6	35.7	53.5

Manual Integrations
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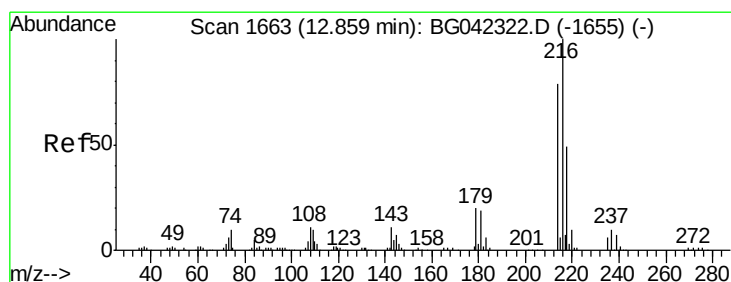
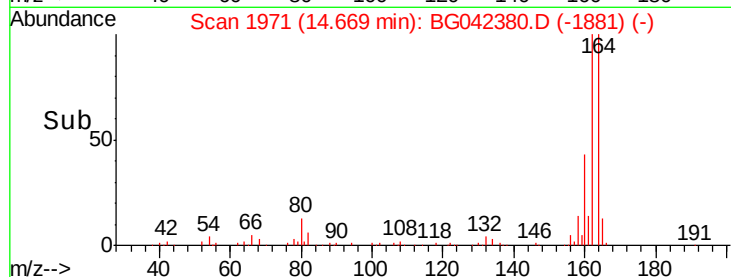
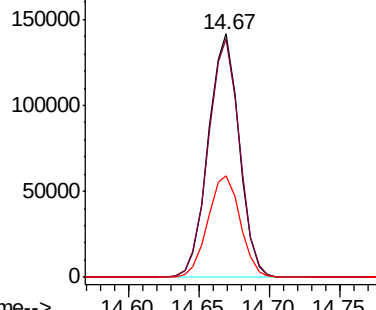


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.849 ng
RT: 12.87 min Scan# 1664
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	62.2	93.4
179	19.1	15.3	22.9
108	13.7	9.6	14.4

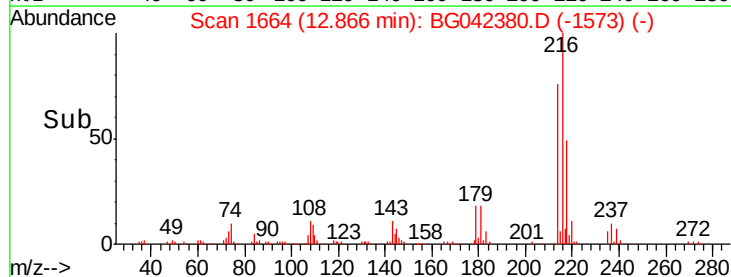
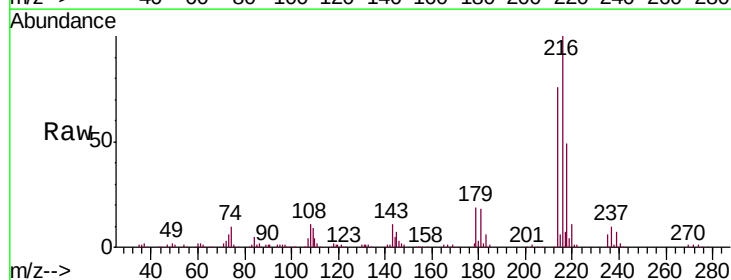
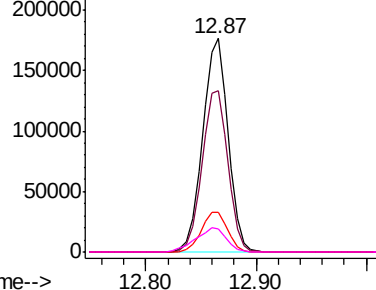
Abundance

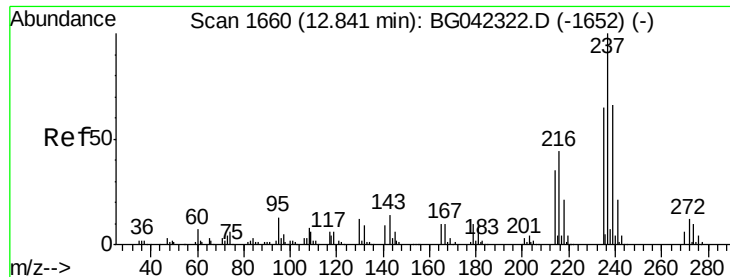
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





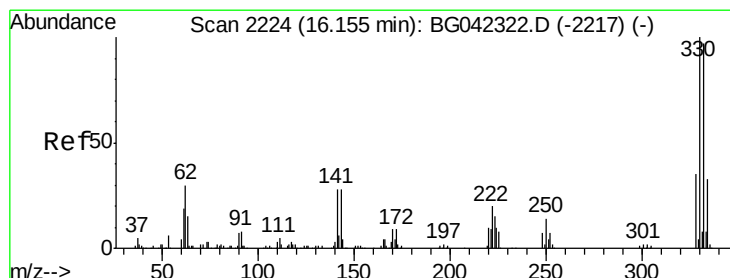
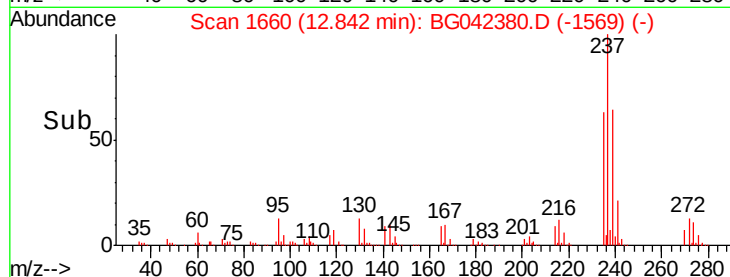
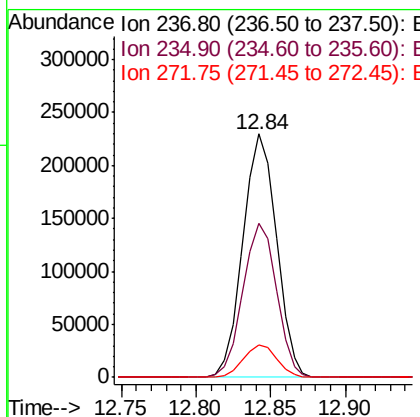
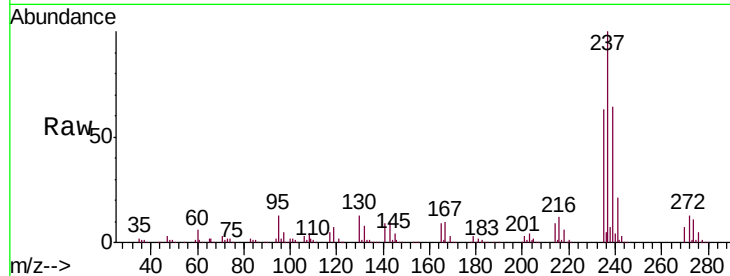
#41
Hexachlorocyclopentadiene
Concen: 88.383 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	45.1	85.1
272	13.2	0.0	32.3

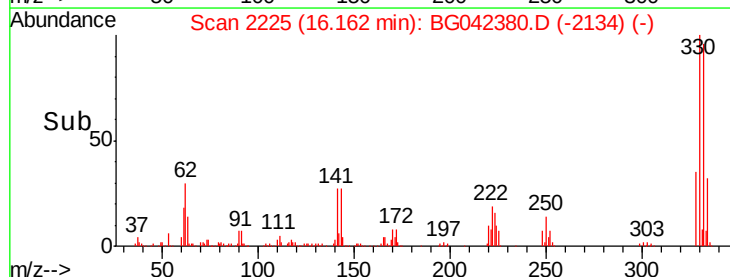
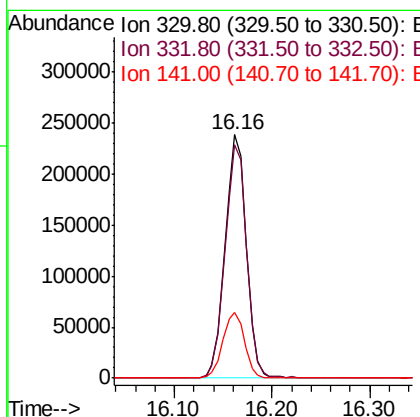
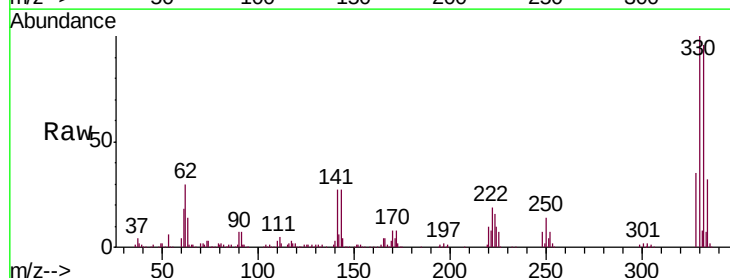
Manual Integrations
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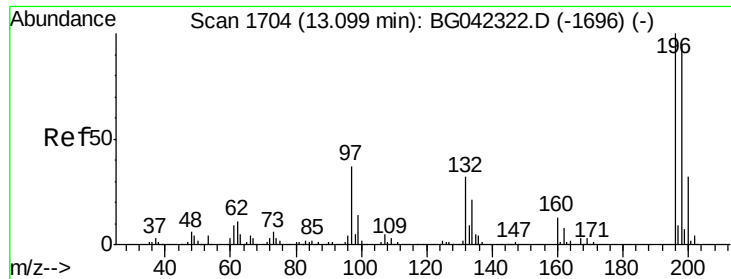
Jagrut
8/22/2019 1:58:45 PM



#42
2,4,6-Tribromophenol
Concen: 122.685 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	76.9	115.3
141	27.5	21.8	32.6





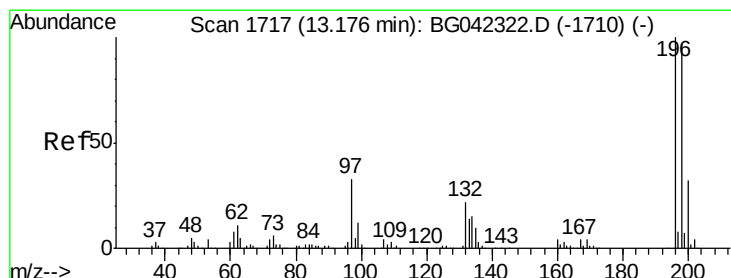
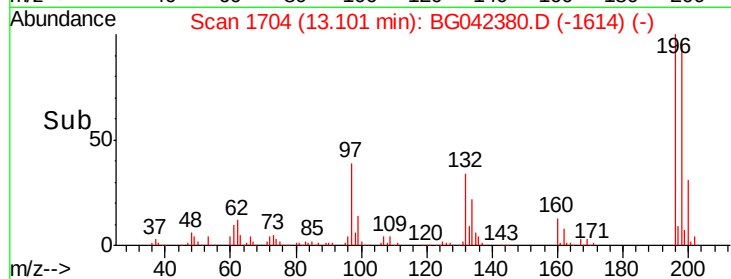
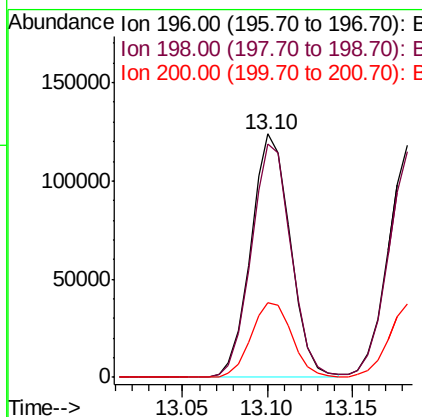
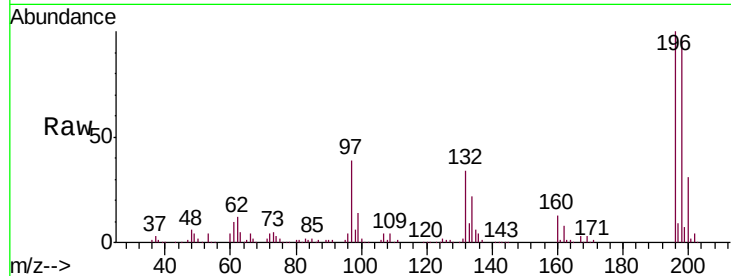
#43
 2,4,6-Trichlorophenol
 Concen: 43.038 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200562		
198	95.7	75.9	113.9	
200	30.8	25.5	38.3	

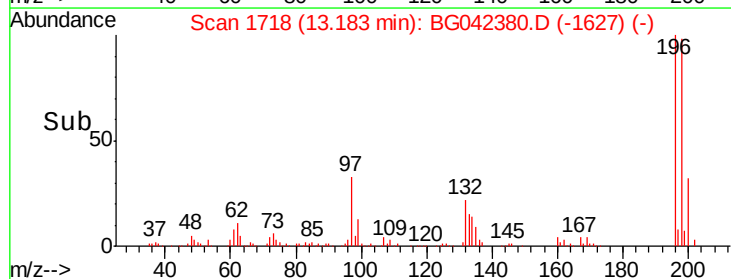
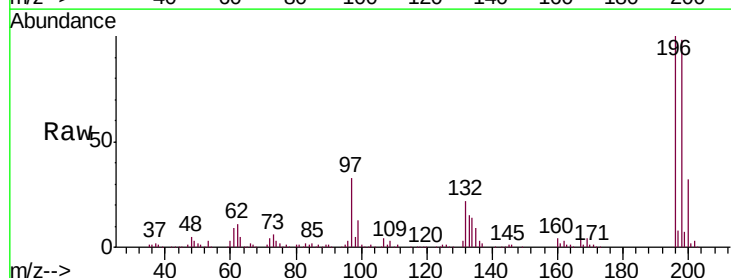
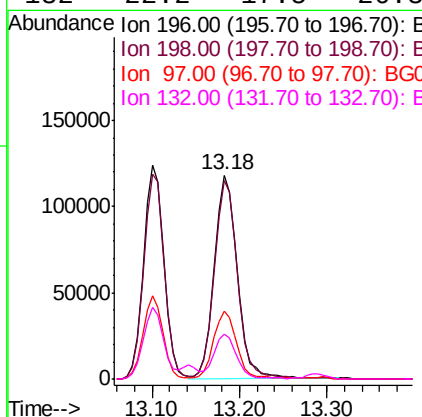
Manual Integrations
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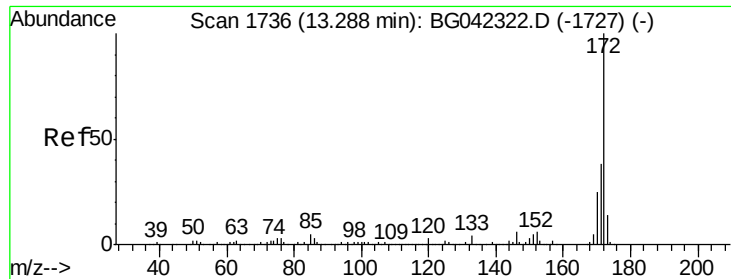
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 45.151 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216711		
198	97.5	77.4	116.2	
97	33.2	26.5	39.7	
132	22.2	17.5	26.3	





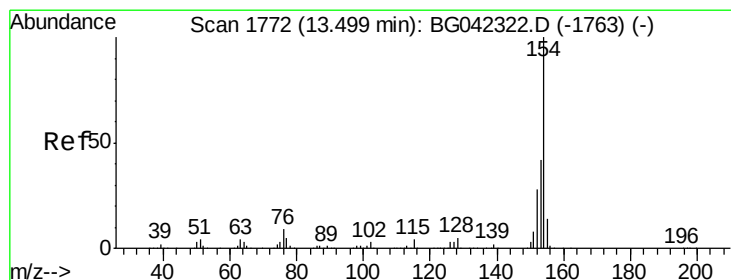
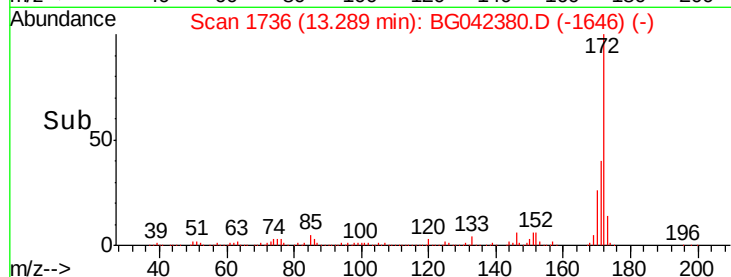
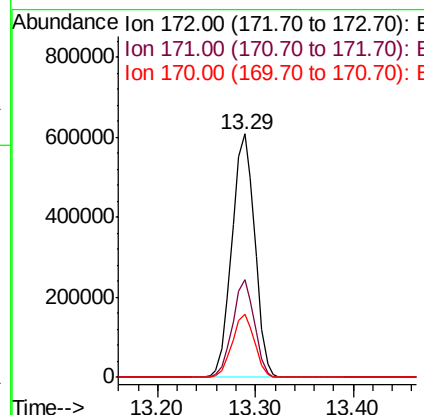
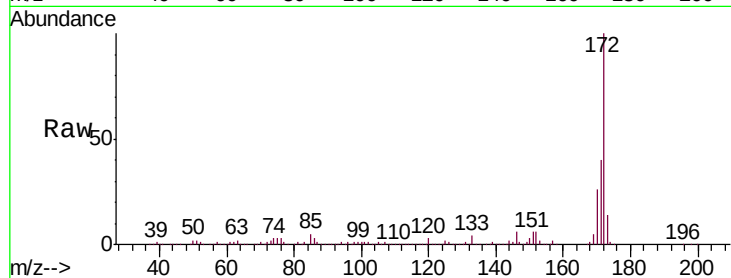
#45
 2-Fluorobiphenyl
 Concen: 77.347 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.3	45.5
170	25.7	20.0	30.0

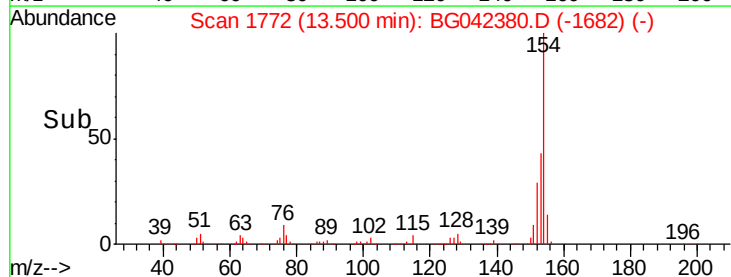
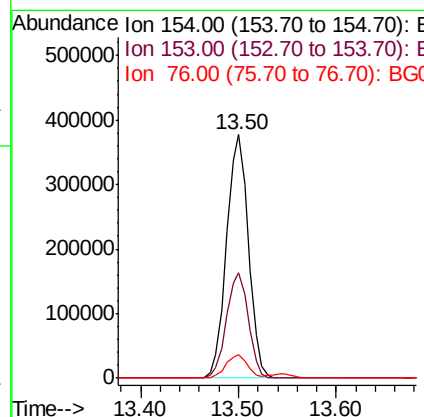
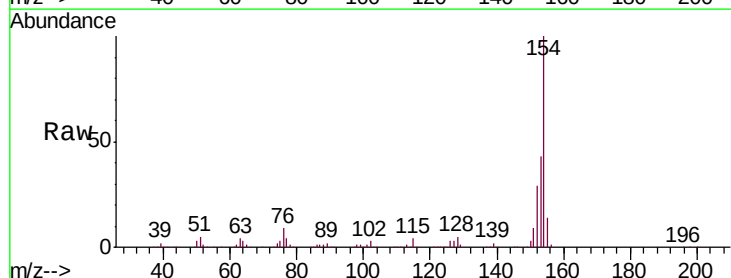
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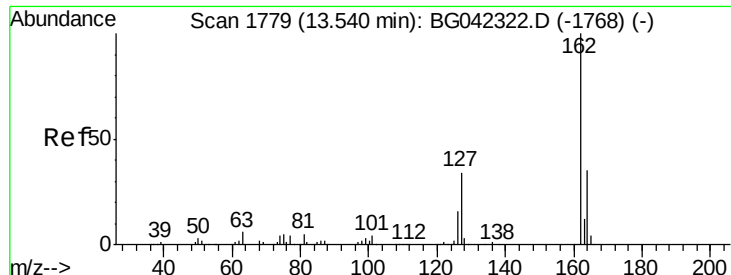
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#46
 1,1'-Biphenyl
 Concen: 41.462 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	21.9	61.9
76	9.5	0.0	29.3





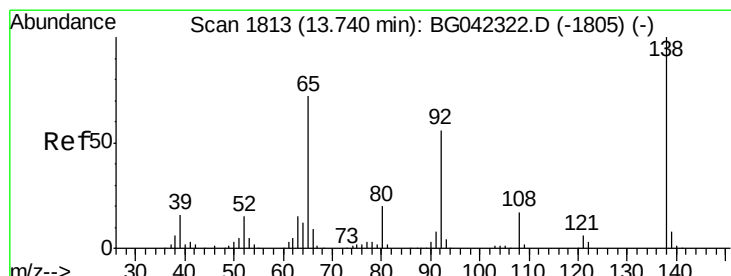
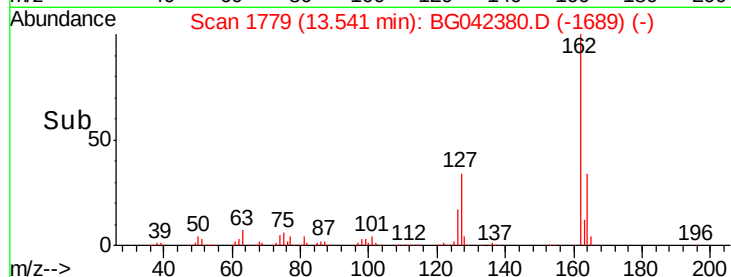
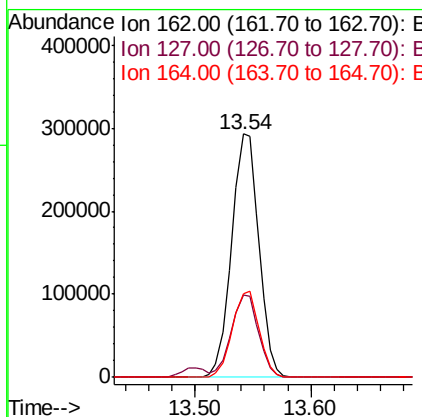
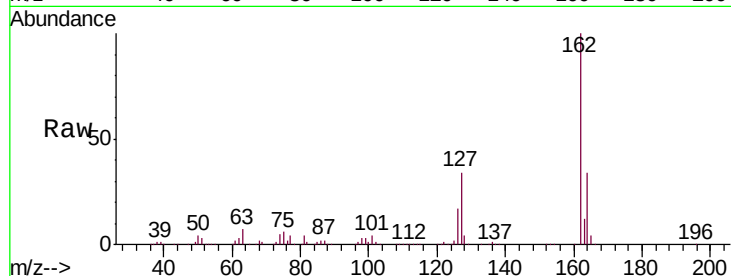
#47
2-Chloronaphthalene
Concen: 39.803 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	478201		
127	34.0	27.2	40.8	
164	34.3	27.8	41.8	

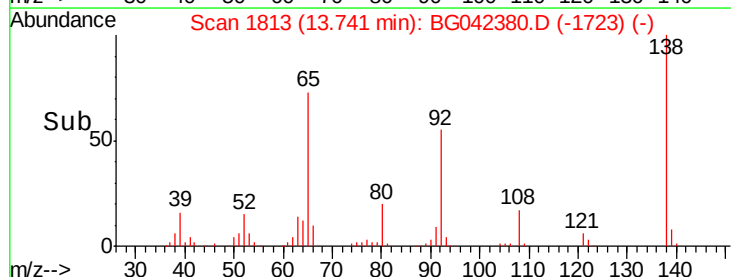
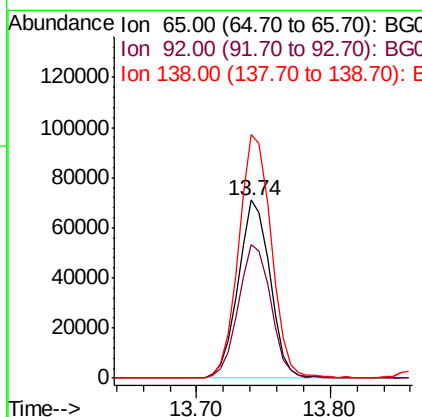
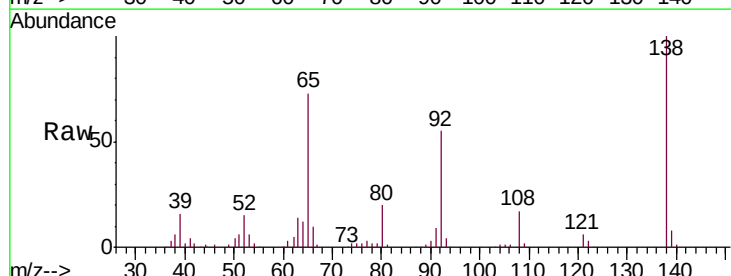
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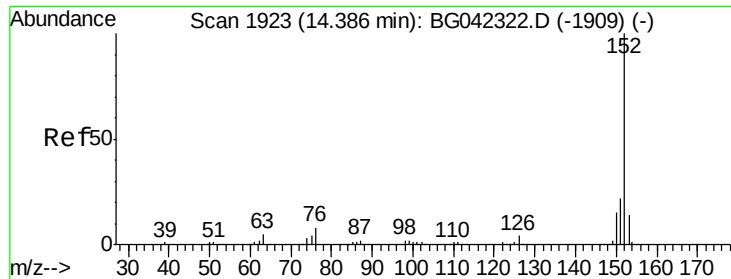
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#48
2-Nitroaniline
Concen: 41.432 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	117646		
92	75.1	62.6	94.0	
138	136.7	111.5	167.3	





#49

Acenaphthylene

Concen: 41.953 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

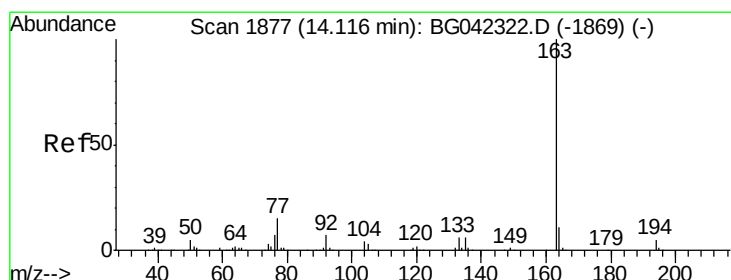
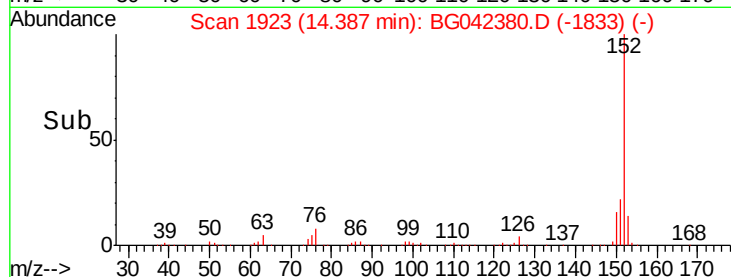
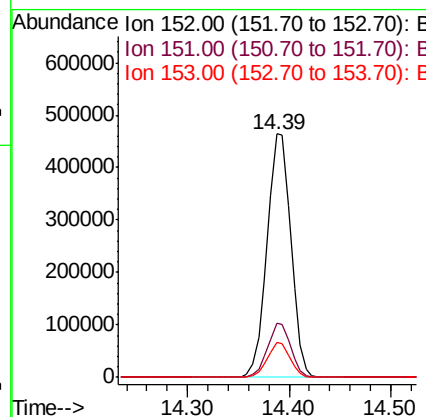
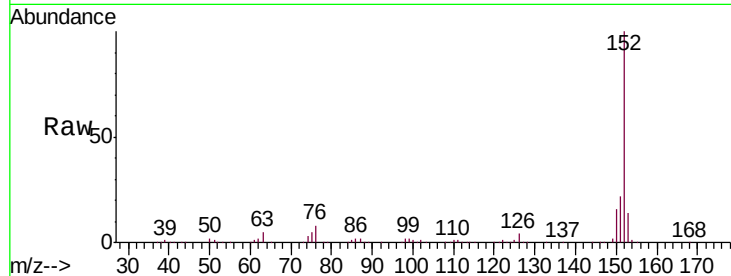
ClientSampleId :

PB122256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		757726		
151	22.0	17.3	25.9		
153	14.3	11.5	17.3		

Manual Integrations
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#50

Dimethylphthalate

Concen: 41.825 ng

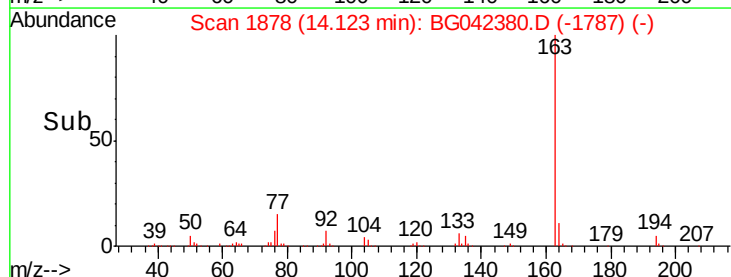
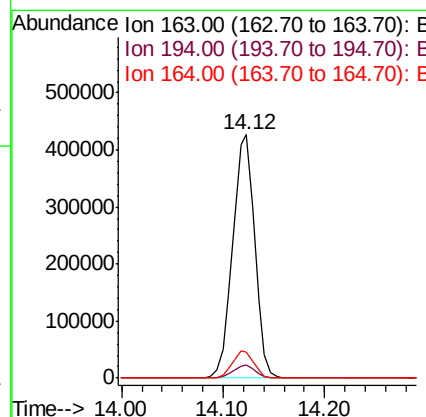
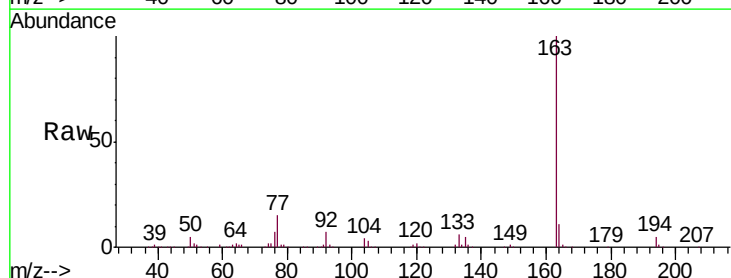
RT: 14.12 min Scan# 1878

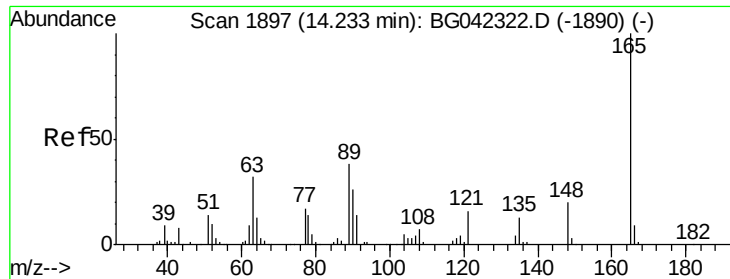
Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		641974		
194	5.3	4.2	6.2		
164	10.6	8.8	13.2		





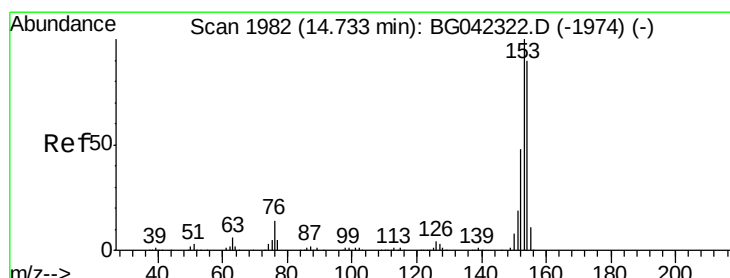
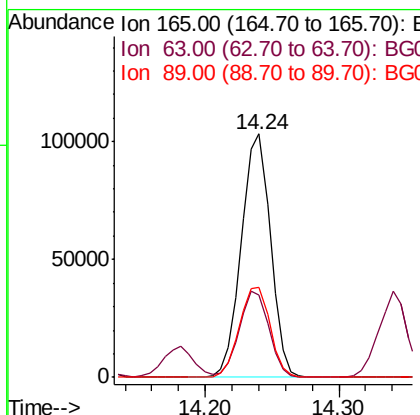
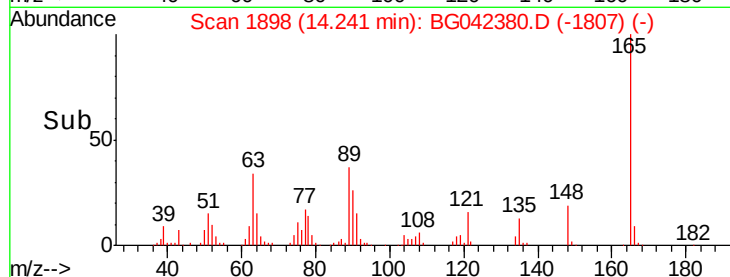
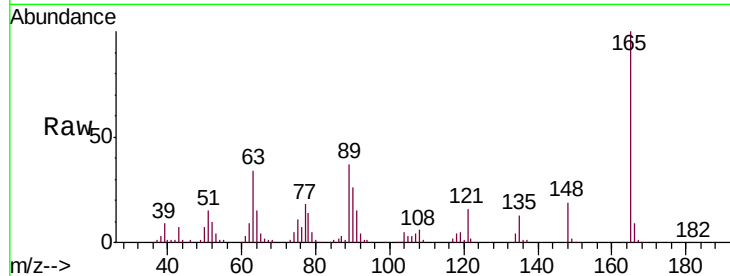
#51
 2,6-Dinitrotoluene
 Concen: 43.504 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampled :
 PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	156281		
63	34.1	28.2	42.2	
89	37.1	30.0	45.0	

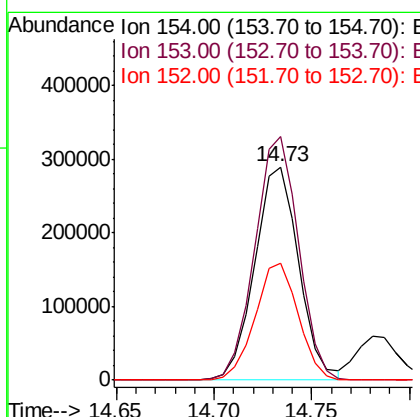
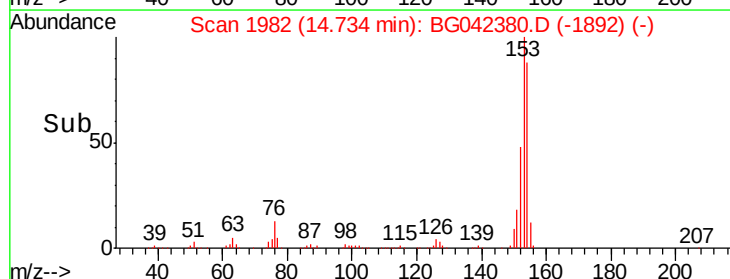
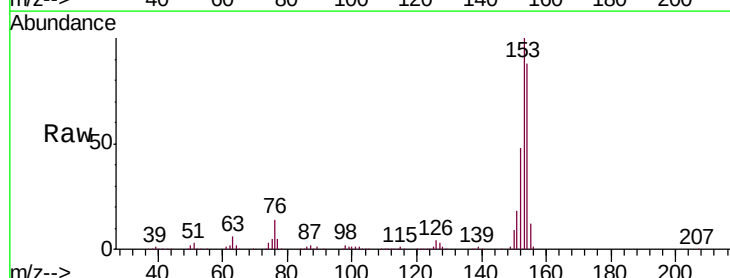
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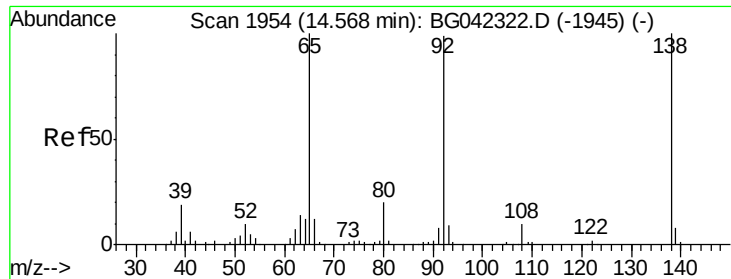
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#52
 Acenaphthene
 Concen: 41.066 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	452458		
153	114.2	89.4	134.0	
152	54.6	43.1	64.7	





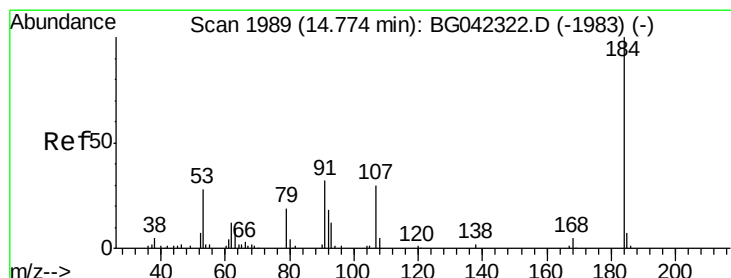
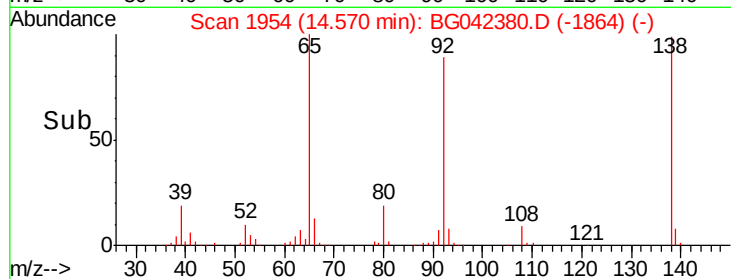
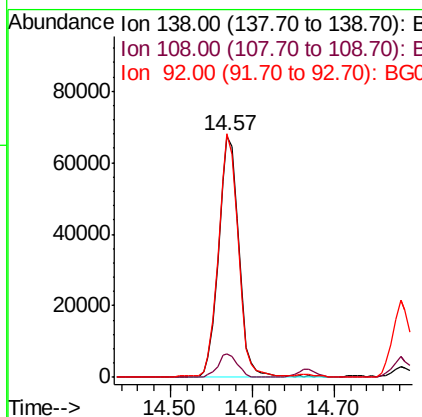
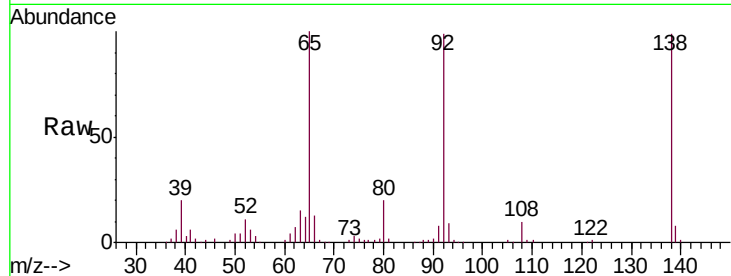
#53
 3-Nitroaniline
 Concen: 33.020 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	100.9	79.8	119.8

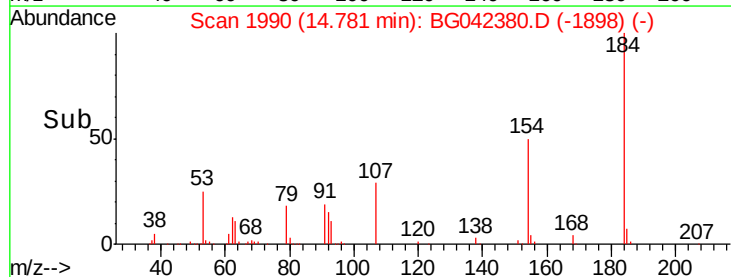
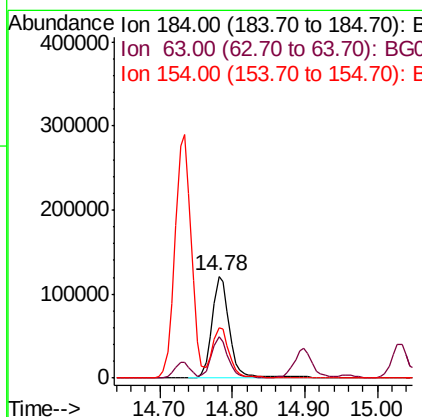
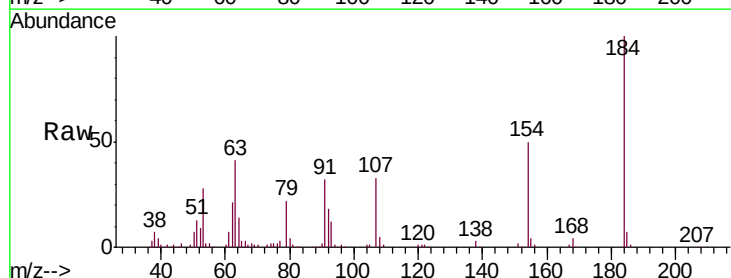
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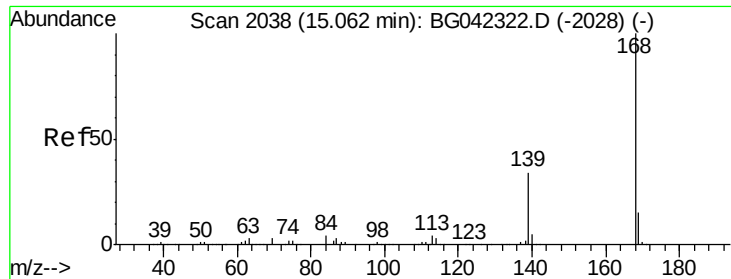
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#54
 2,4-Dinitrophenol
 Concen: 88.073 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	40.5	30.2	45.4
154	50.0	39.7	59.5





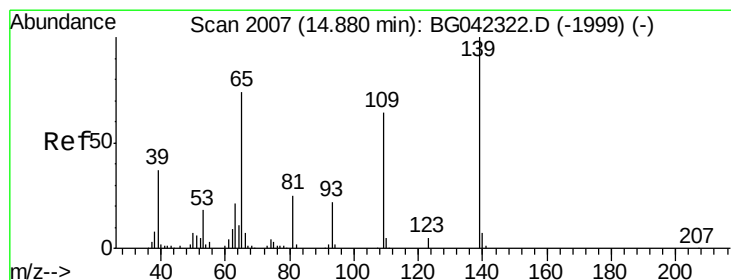
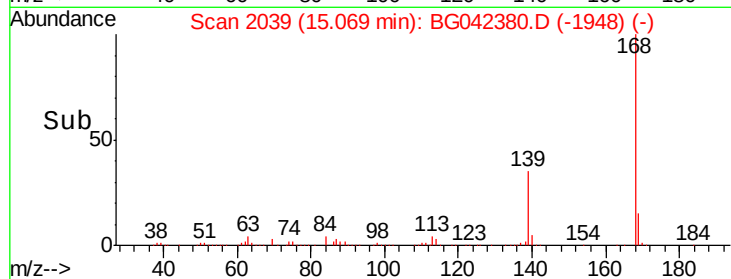
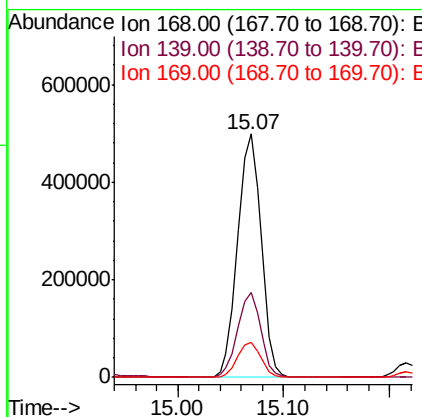
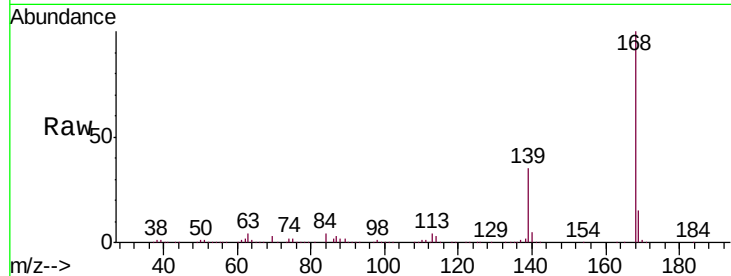
#55
Dibenzenofuran
Concen: 42.697 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.6	41.4
169	14.6	11.7	17.5

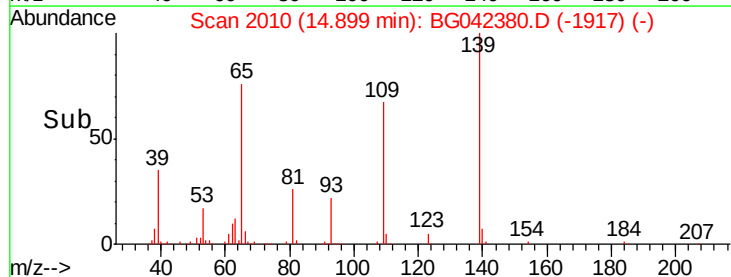
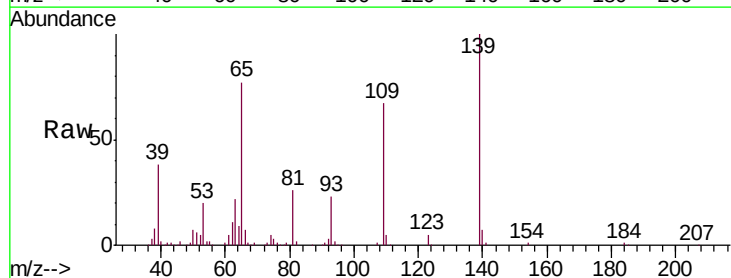
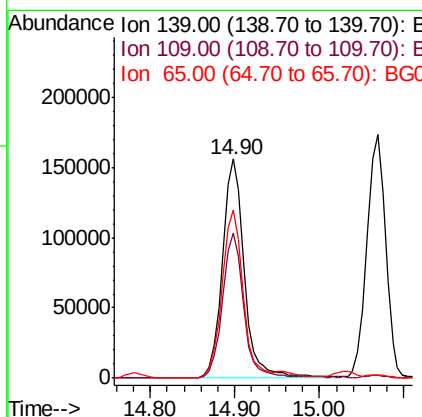
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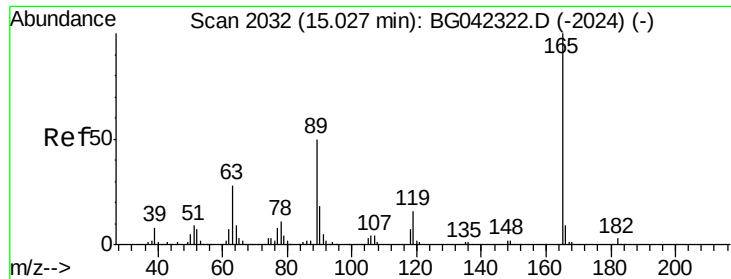
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#56
4-Nitrophenol
Concen: 110.106 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	44.0	84.0
65	76.7	54.5	94.5





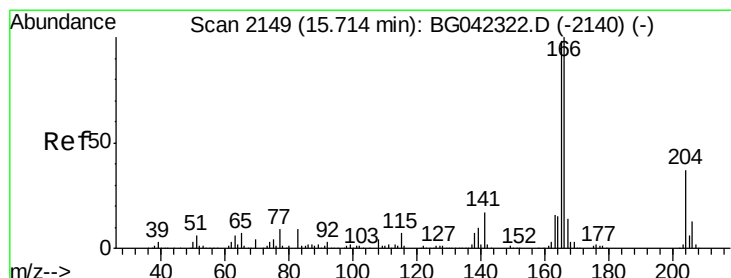
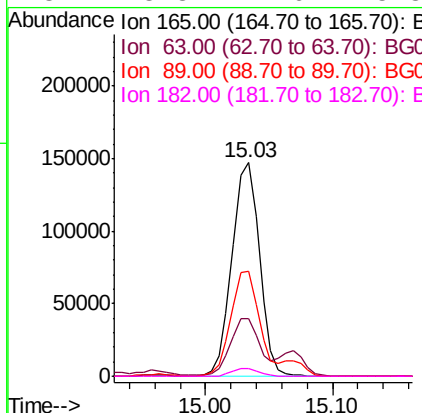
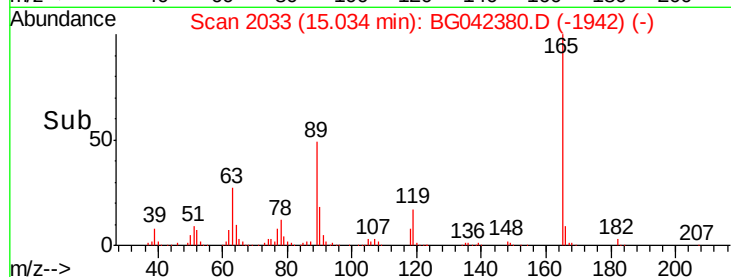
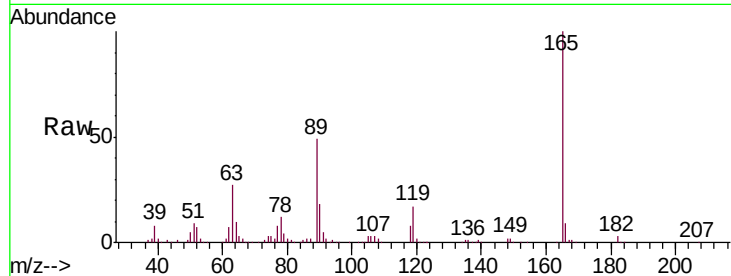
#57
 2,4-Dinitrotoluene
 Concen: 44.016 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.0	22.4	33.6
89	49.1	40.2	60.2
182	3.3	2.6	3.8

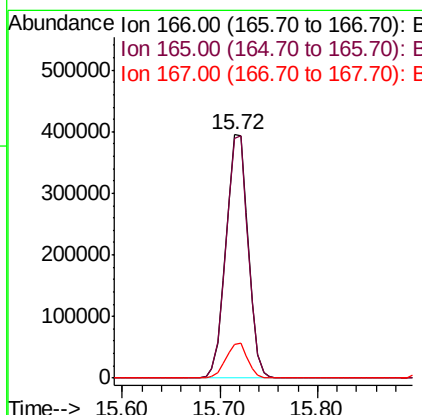
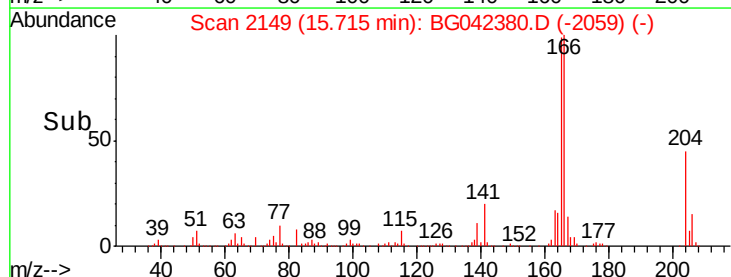
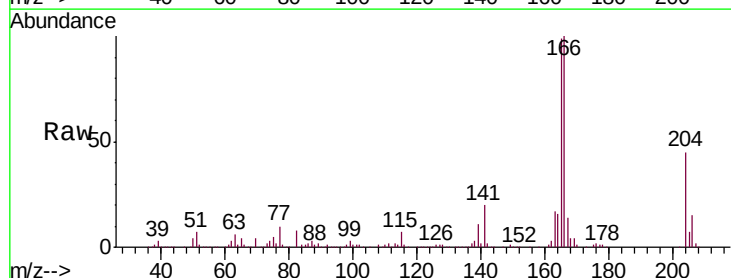
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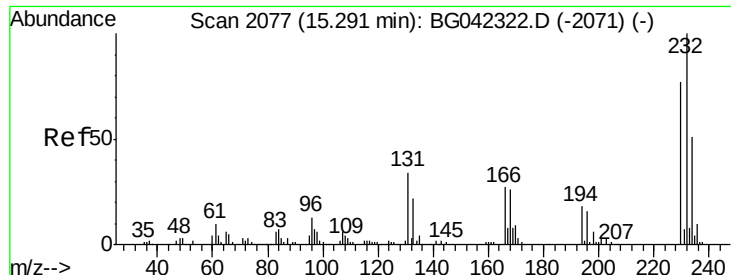
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#58
 Fluorene
 Concen: 42.562 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	13.9	11.1	16.7





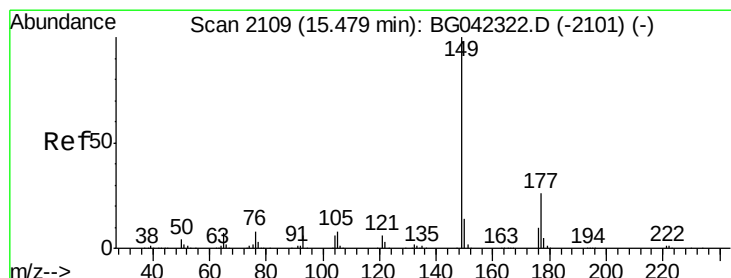
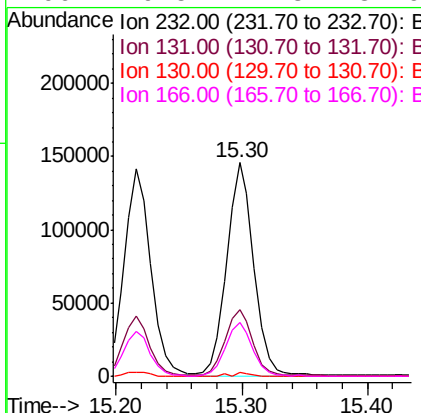
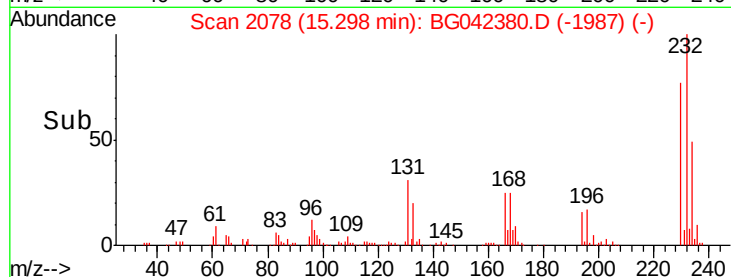
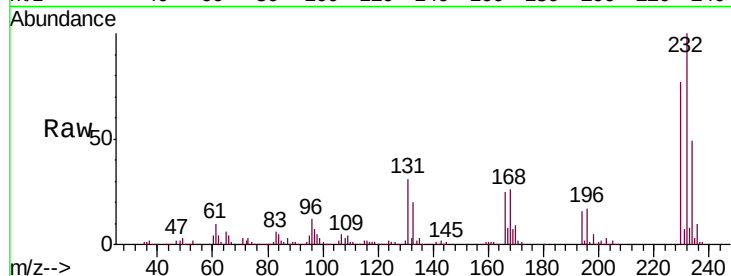
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.362 ng/ml
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	27.1	27.0	40.6
130	1.6	1.4	2.0
166	20.5	21.3	31.9

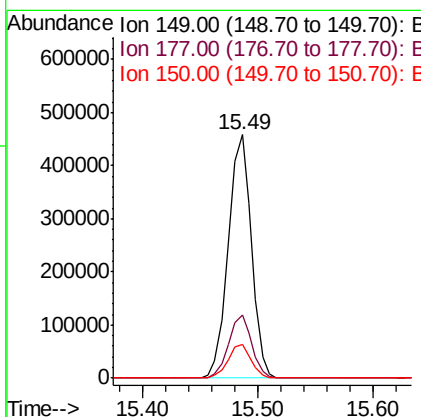
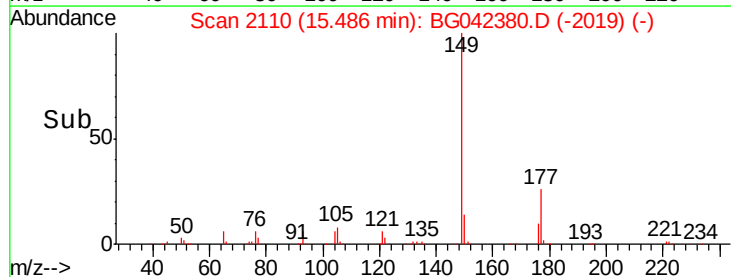
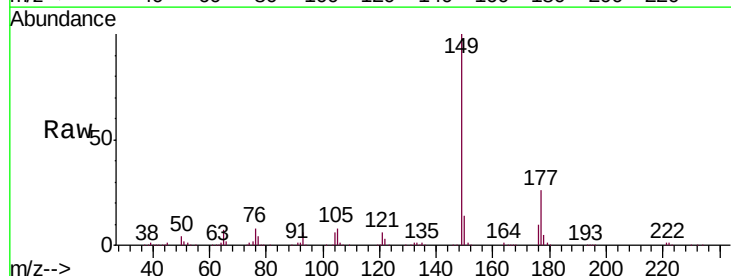
Manual Integrations
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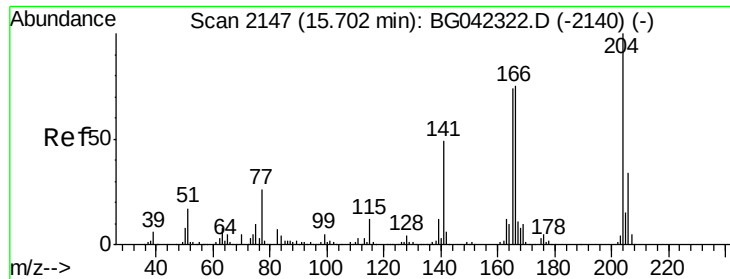
Jagrut
 8/22/2019 1:58:45 PM



#60
 Diethylphthalate
 Concen: 42.719 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	26.0	20.7	31.1
150	13.8	11.0	16.4





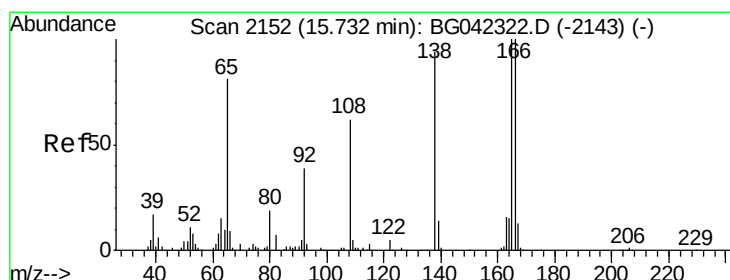
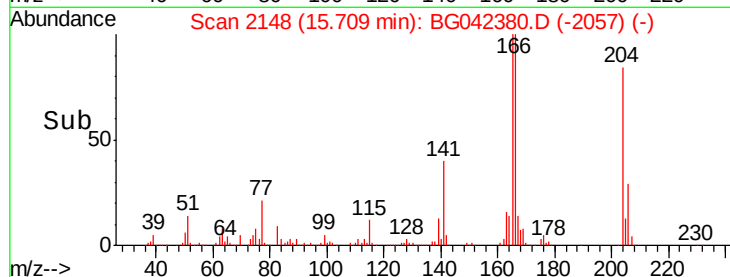
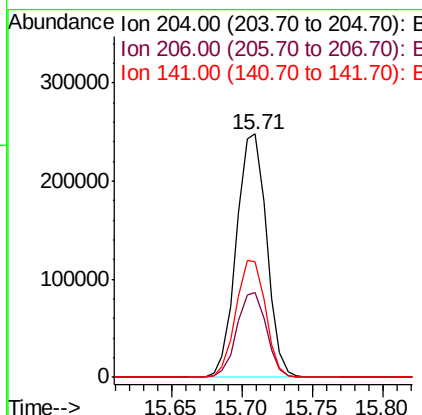
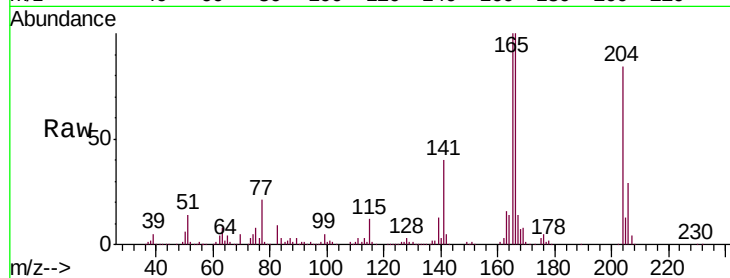
#61
4-Chlorophenyl-phenylether
Concen: 42.141 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	369450		
206	34.9	27.5	41.3	
141	47.6	38.8	58.2	

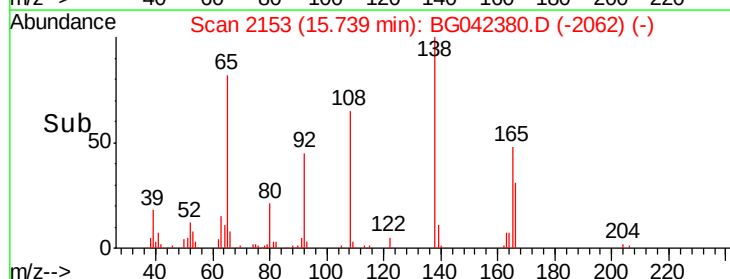
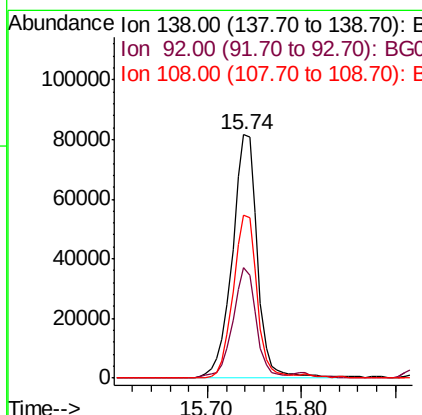
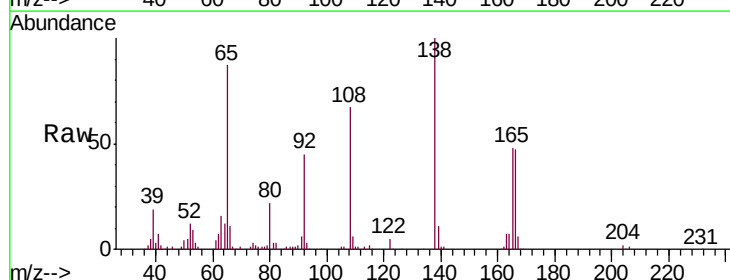
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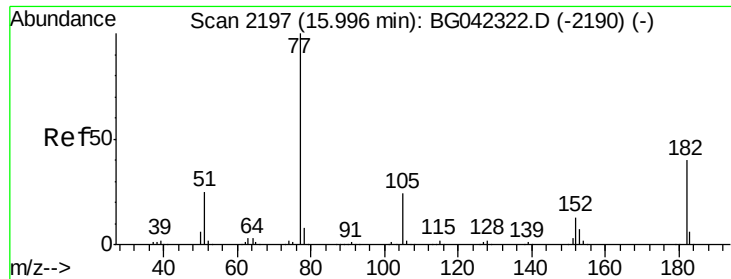
Jagrut
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#62
4-Nitroaniline
Concen: 40.564 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	151411		
92	45.2	21.5	61.5	
108	67.0	45.7	85.7	





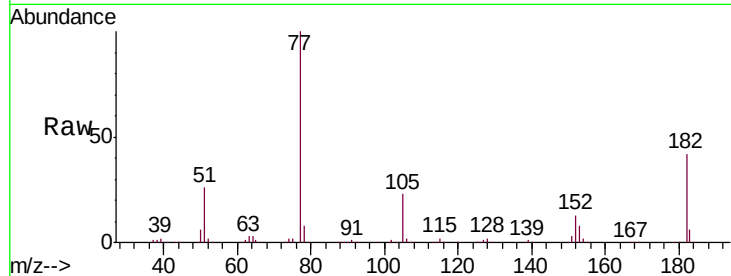
#63
Azobenzene
Concen: 42.896 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	42.2	19.7	59.7		
105	22.7	3.5	43.5		
51	26.4	5.4	45.4		

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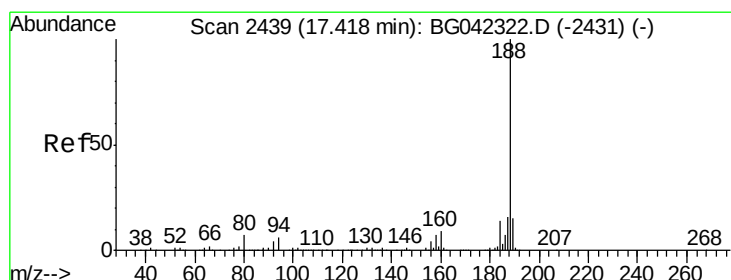
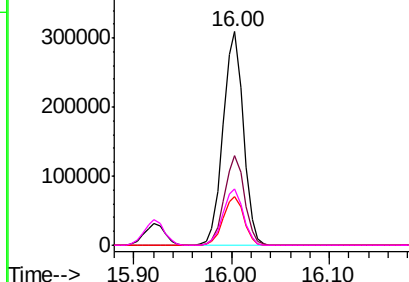
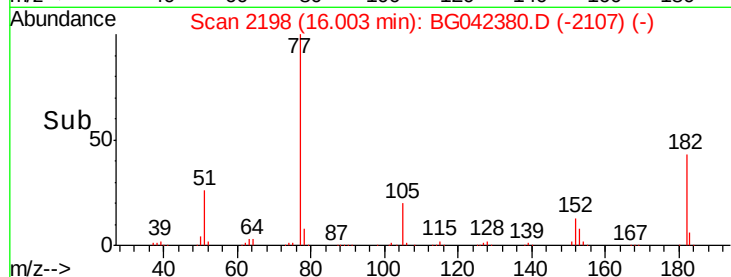
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

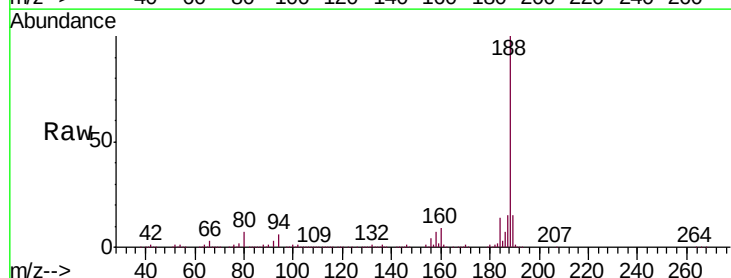
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.3	4.9	7.3		
80	6.7	5.4	8.0		

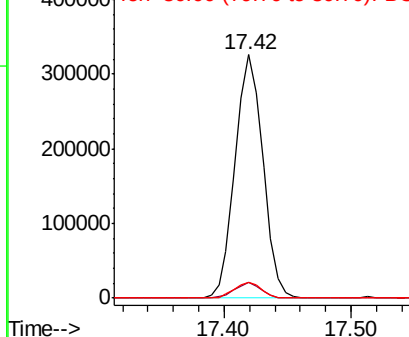
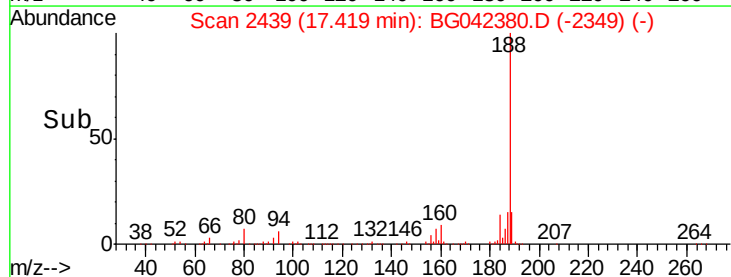


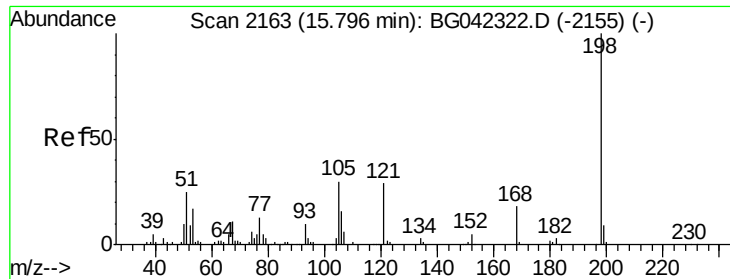
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.606 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

PB122256BS

Tot Ion:198 Resp: 144076

Ion Ratio Lower Upper

198 100

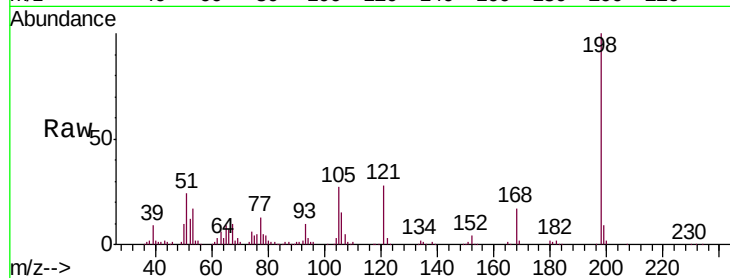
51 24.0 6.4 46.4

105 26.9 10.0 50.0

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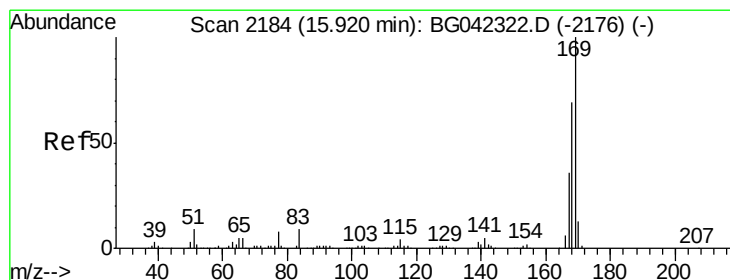
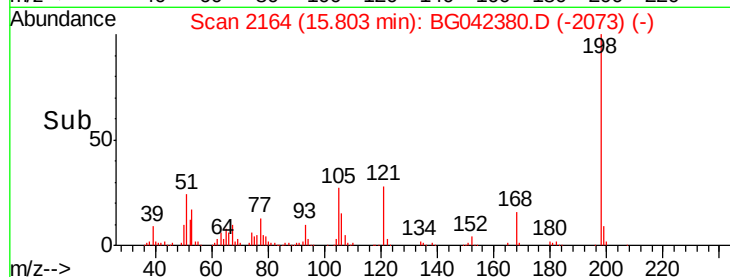
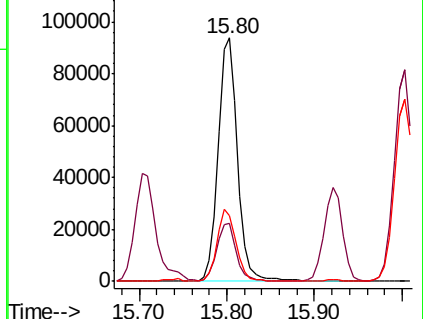
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.642 ng

RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

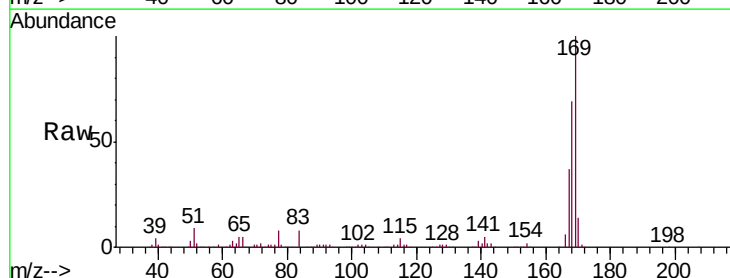
Tgt Ion:169 Resp: 591835

Ion Ratio Lower Upper

169 100

168 69.2 55.5 83.3

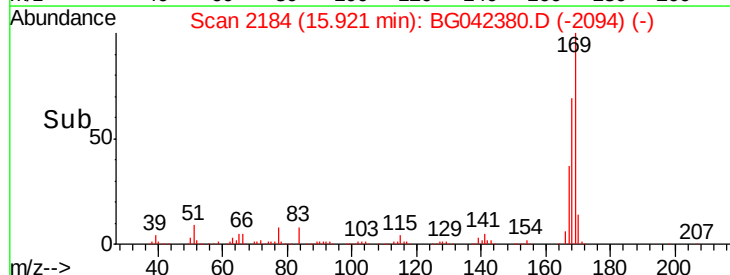
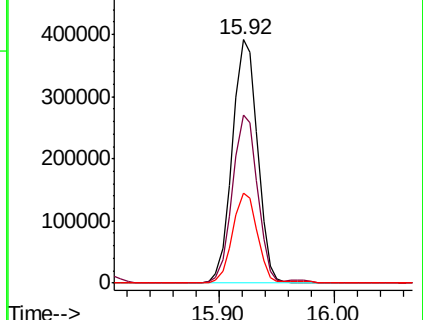
167 37.1 28.9 43.3

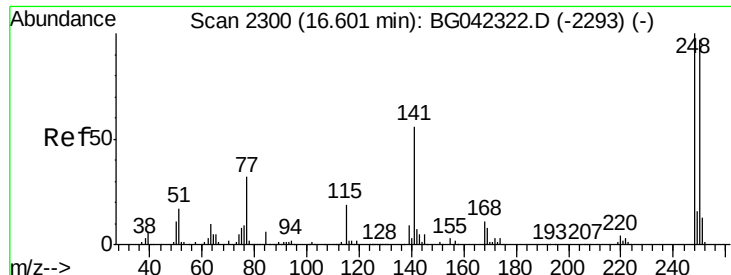


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





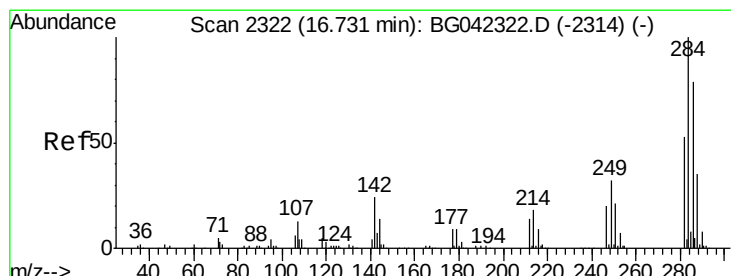
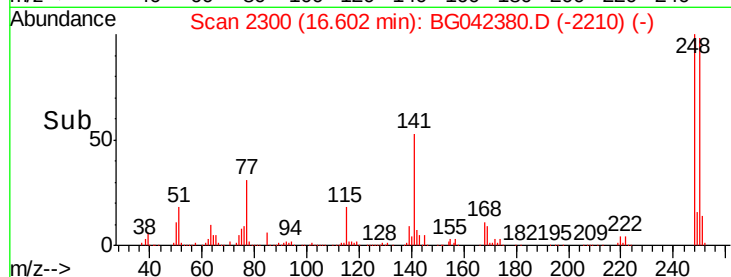
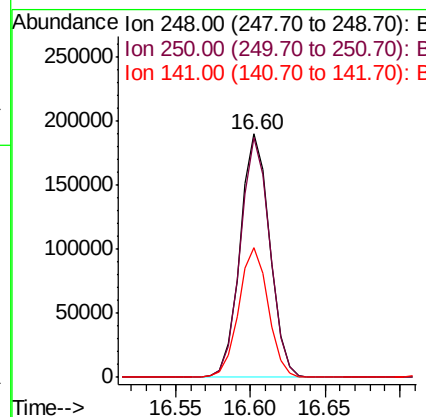
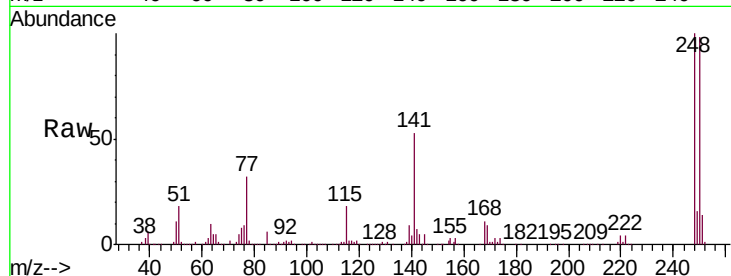
#67
 4-Bromophenyl-phenylether
 Concen: 41.475 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	53.5	44.9	67.3

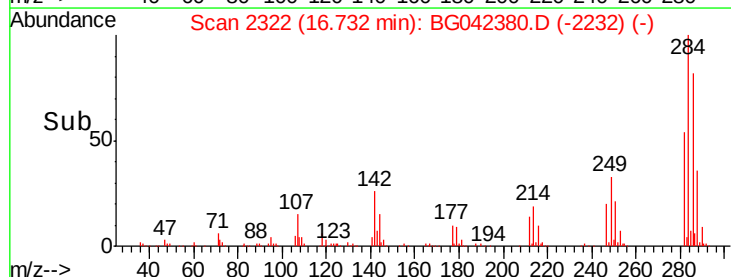
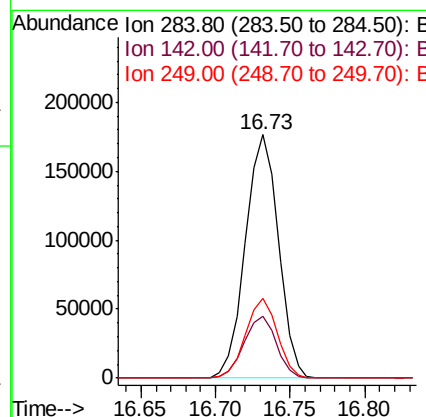
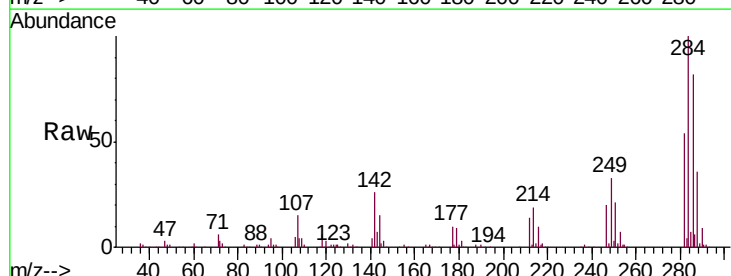
Manual Integrations
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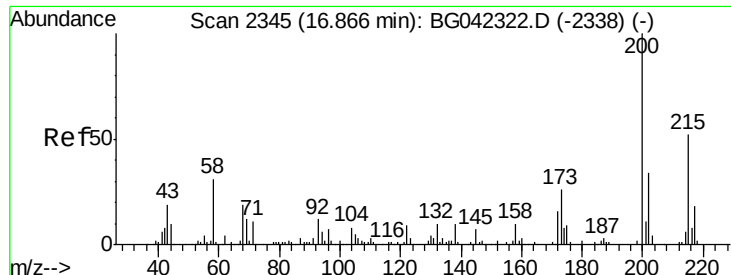
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#68
 Hexachlorobenzene
 Concen: 39.952 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	19.0	28.4
249	32.5	25.9	38.9





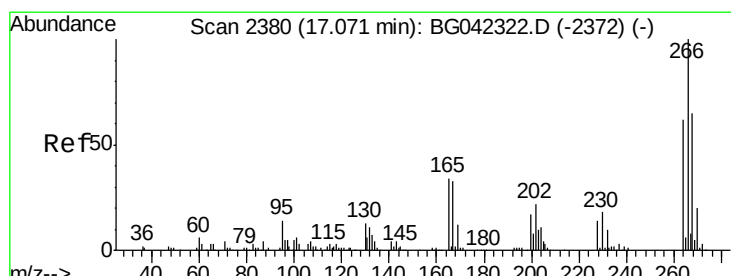
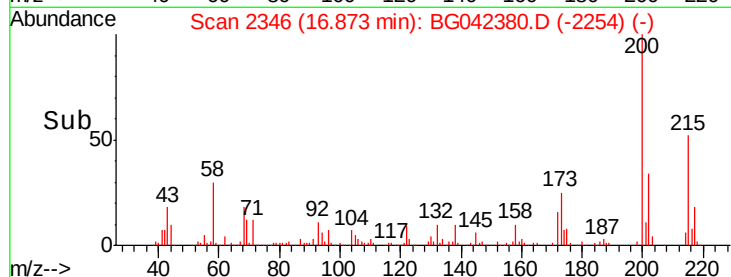
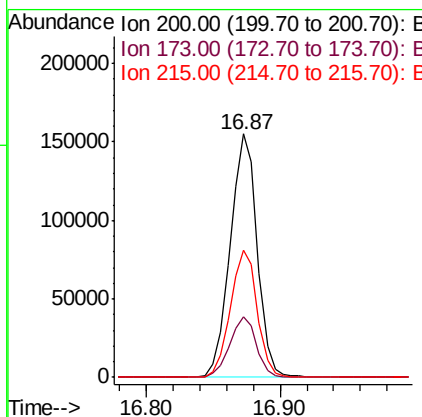
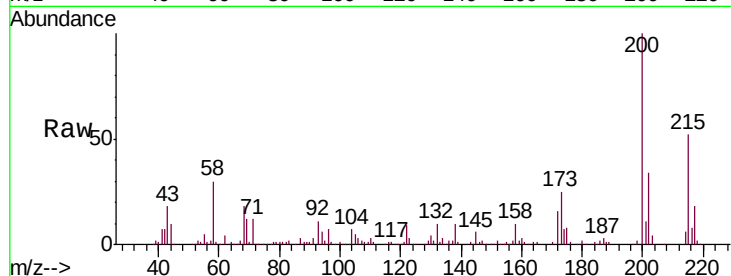
#69
 Atrazine
 Concen: 46.018 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.8	6.0	46.0
215	52.2	32.4	72.4

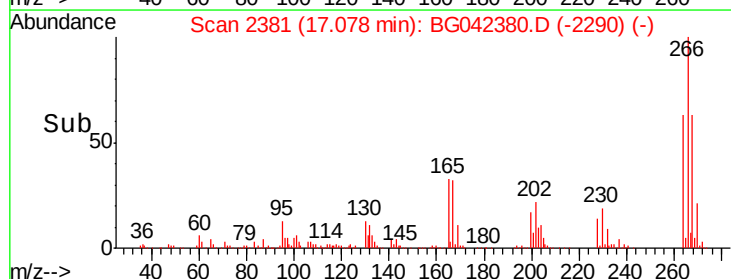
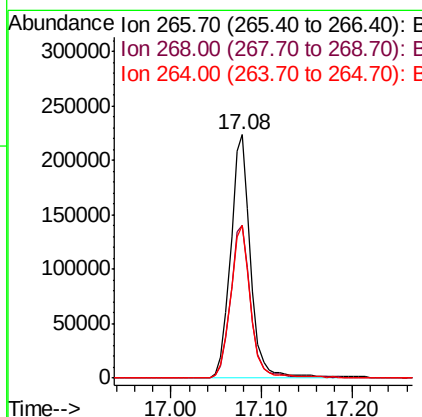
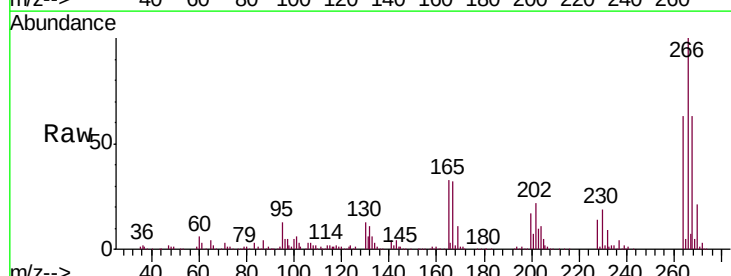
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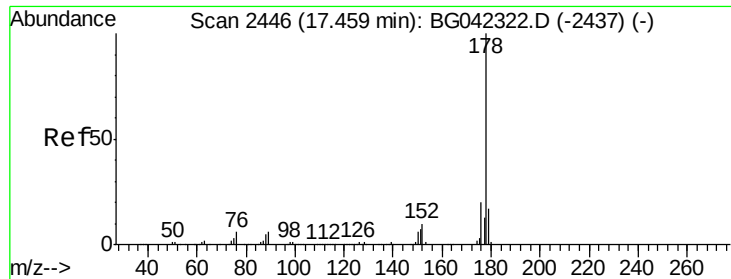
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#70
 Pentachlorophenol
 Concen: 95.112 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	51.6	77.4
264	62.9	49.5	74.3





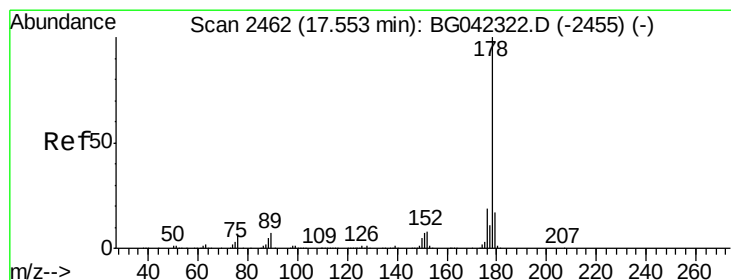
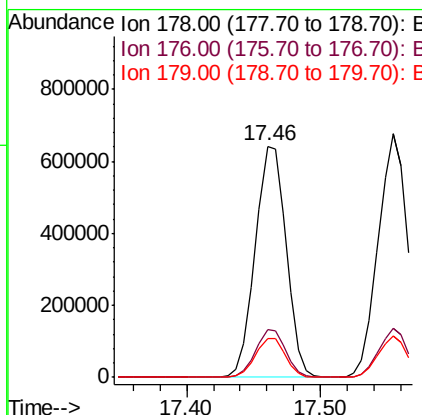
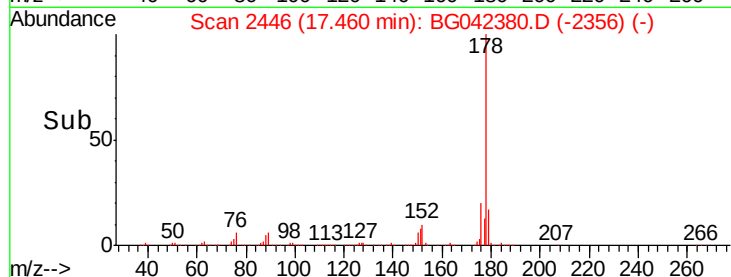
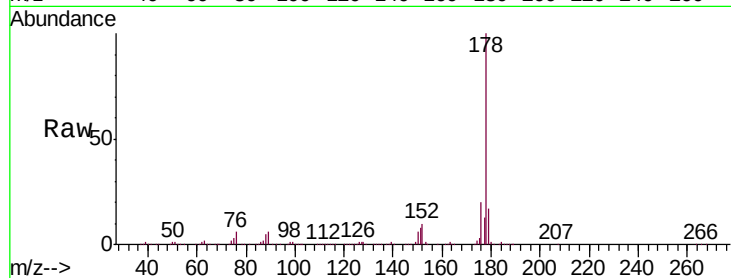
#71
Phenanthrene
Concen: 41.554 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion:178 Resp: 1026508
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.9 13.7 20.5

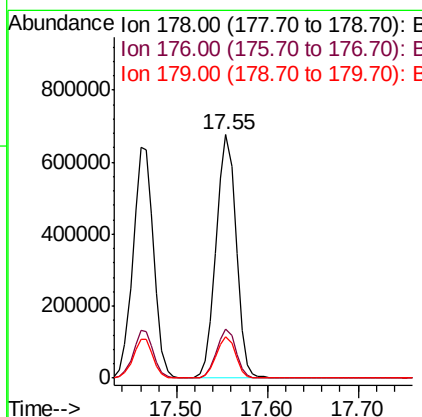
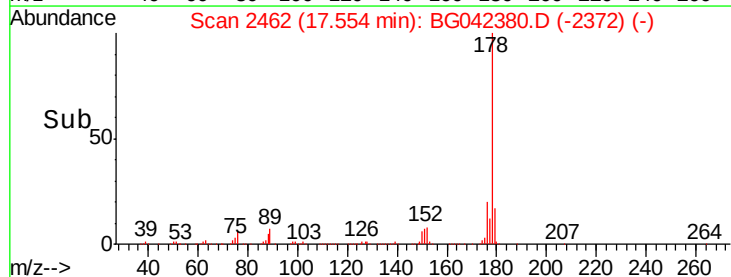
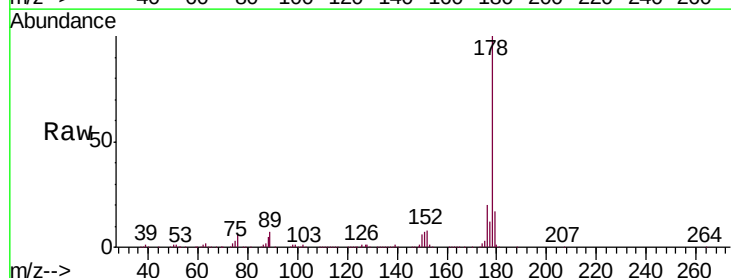
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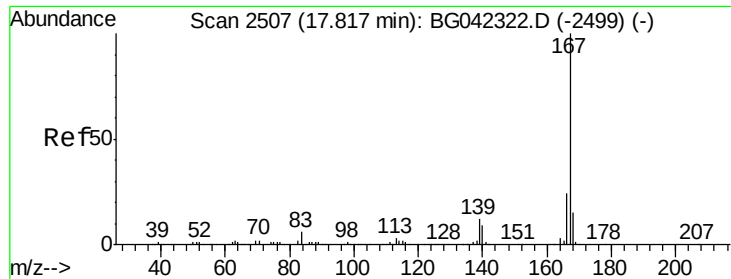
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#72
Anthracene
Concen: 41.886 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:178 Resp: 1031953
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 17.2 13.6 20.4





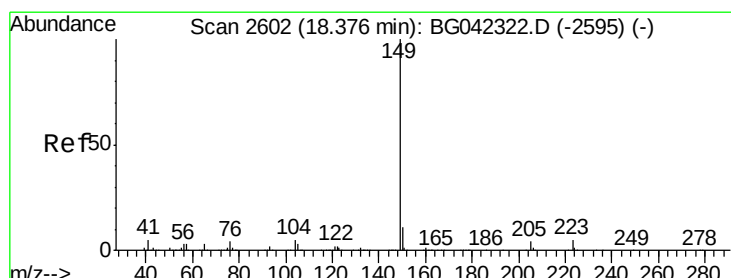
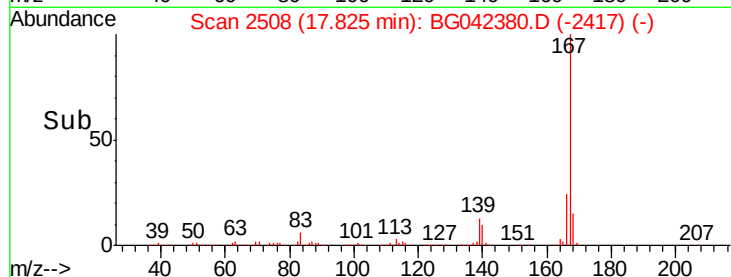
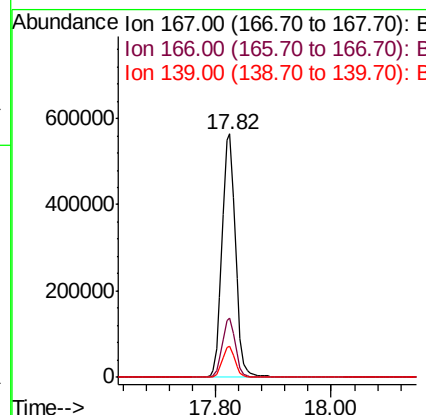
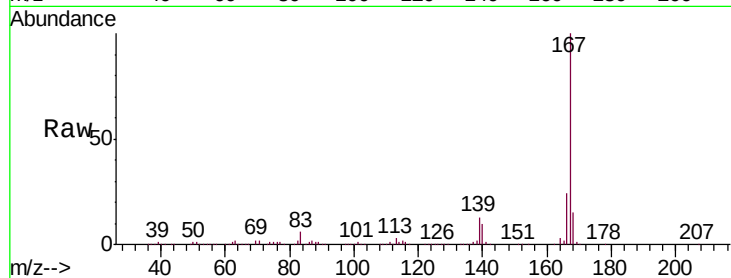
#73
 Carbazole
 Concen: 41.754 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.01 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.0	28.6
139	12.5	9.7	14.5

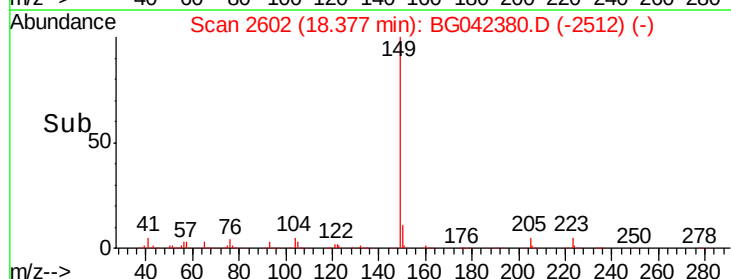
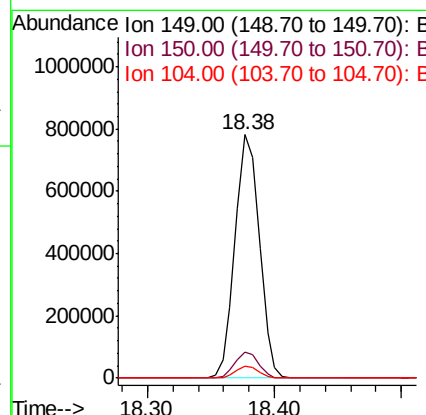
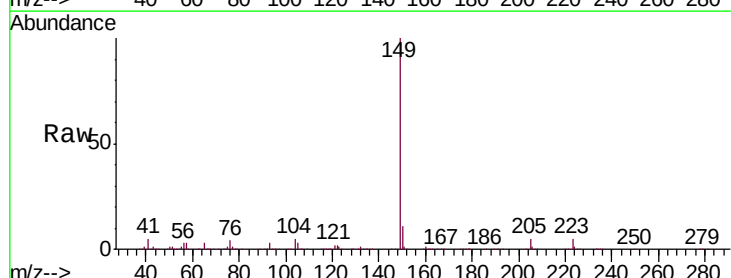
Manual Integrations
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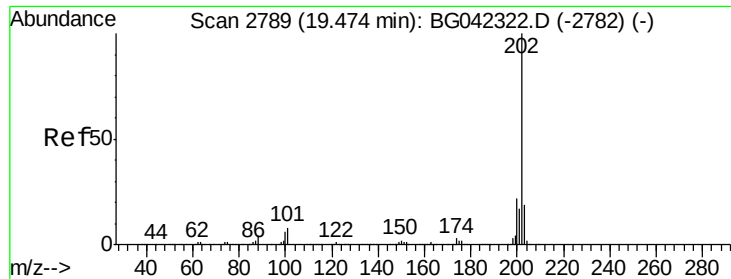
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#74
 Di-n-butylphthalate
 Concen: 40.624 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.4	12.6
104	4.9	3.7	5.5





#75

Fluoranthene

Concen: 40.024 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

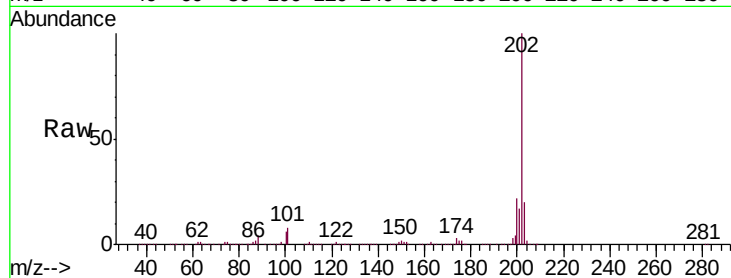
ClientSampled :

PB122256BS

Tot Ion:	202	Resp:	1192266
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	19.9	0.0	39.1

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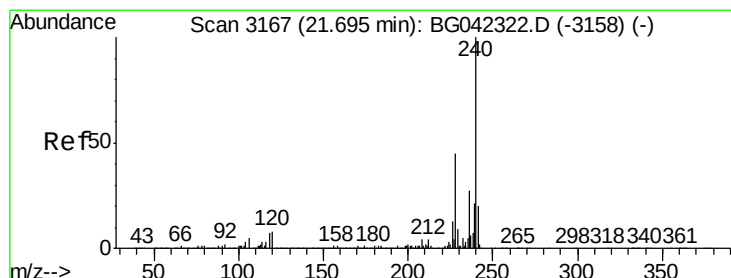
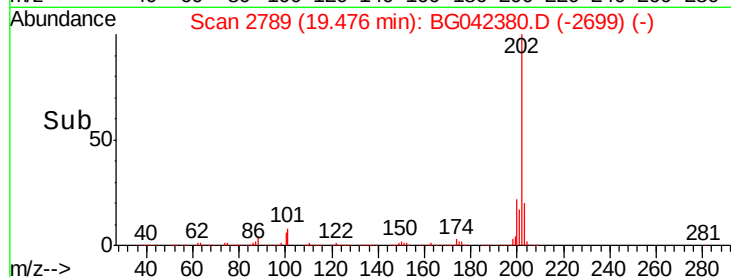
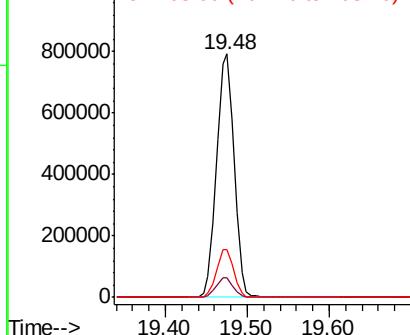


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

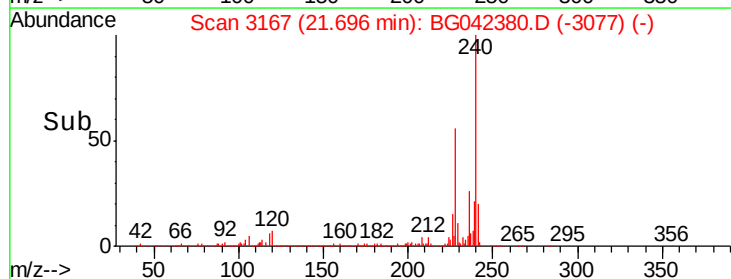
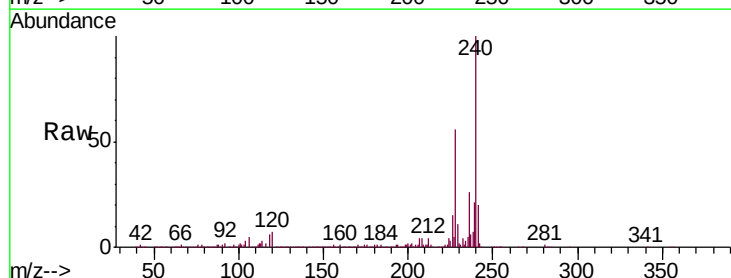
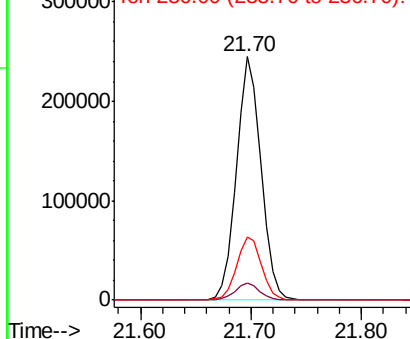
Tgt Ion:	240	Resp:	382147
Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.0	9.0
236	26.1	21.6	32.4

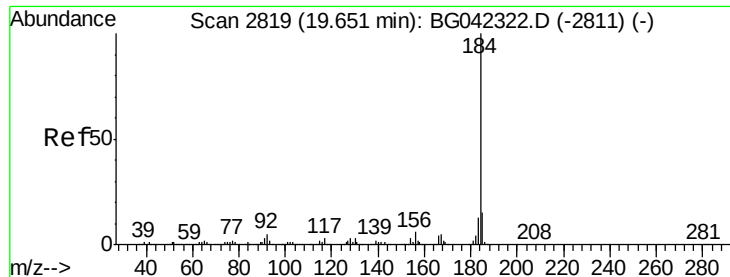
Abundance

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





#77

Benzidine

Concen: 31.249 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

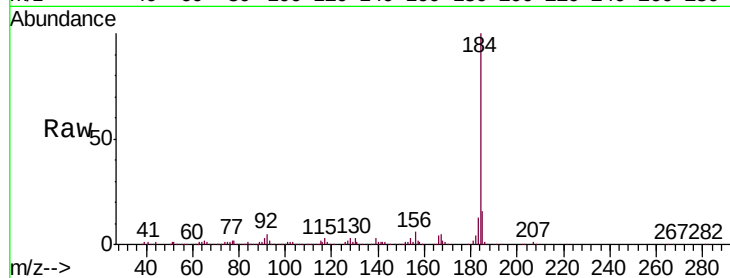
ClientSampleId :

PB122256BS

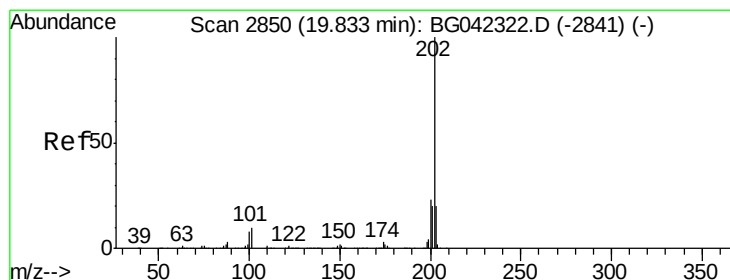
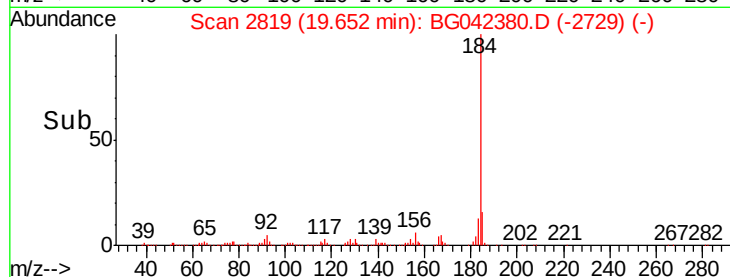
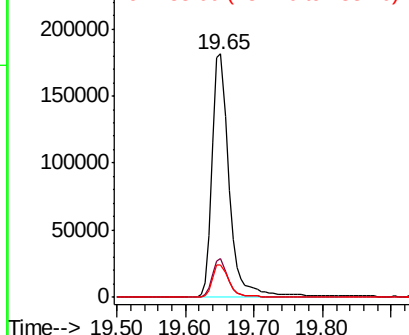
Tot Ion:	184	Resp:	316617
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.8	17.6
183	13.2	10.6	15.8

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



#78

Pyrene

Concen: 49.624 ng

RT: 19.83 min Scan# 2850

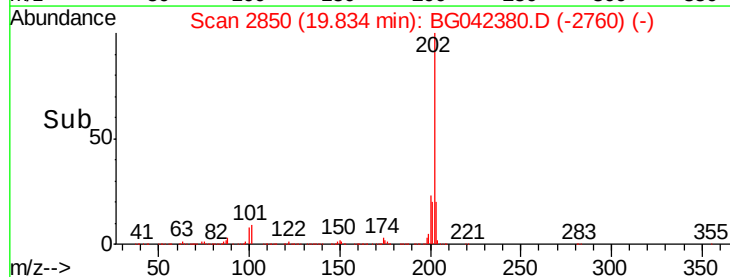
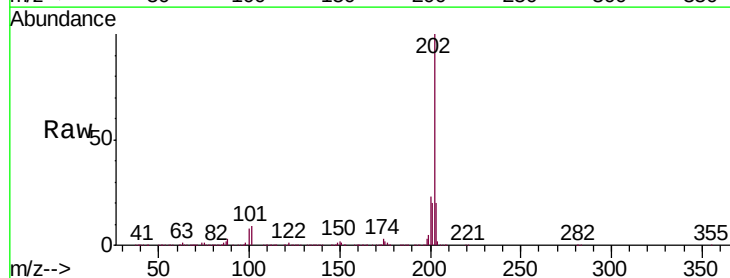
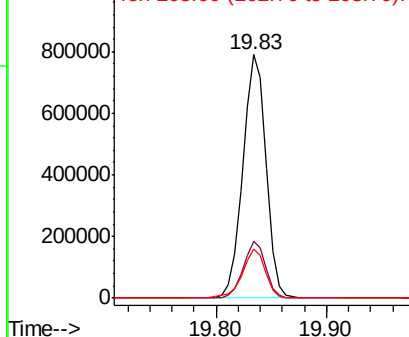
Delta R.T. 0.00 min

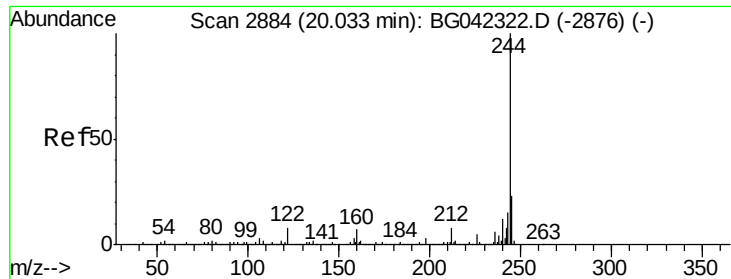
Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	202	Resp:	1166874
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.1	27.1
203	20.0	15.8	23.8

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





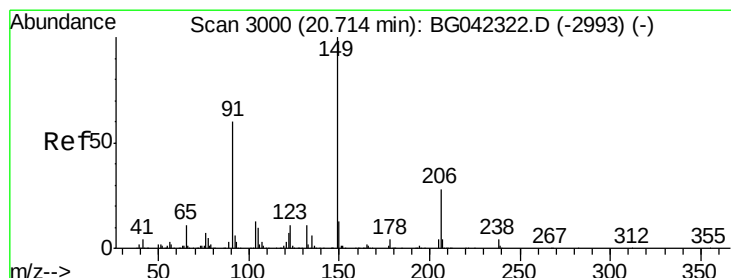
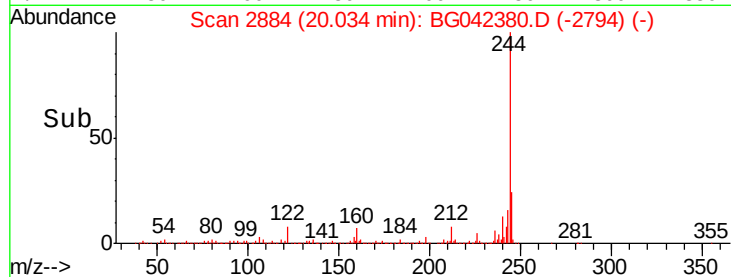
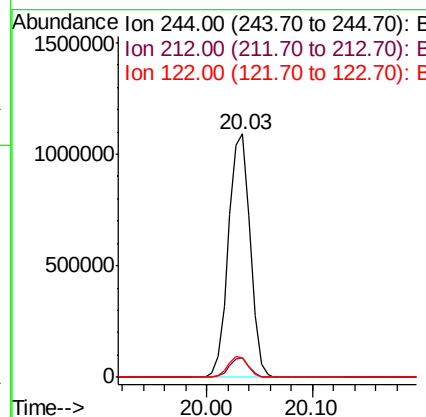
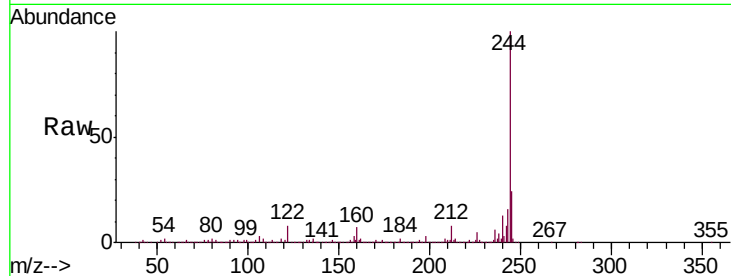
#79
 Terphenyl-d14
 Concen: 88.542 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	8.2	6.6	10.0

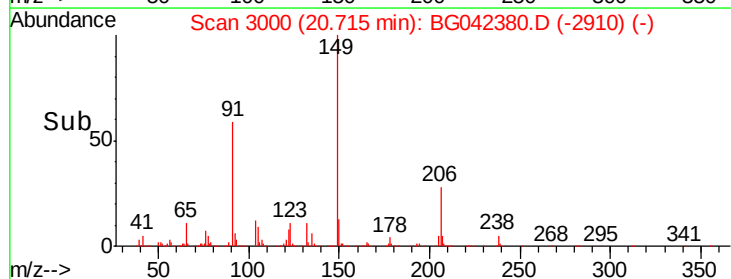
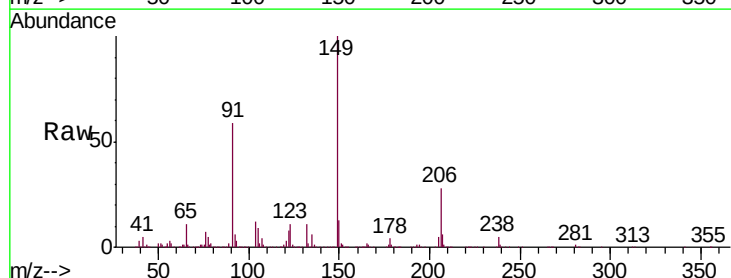
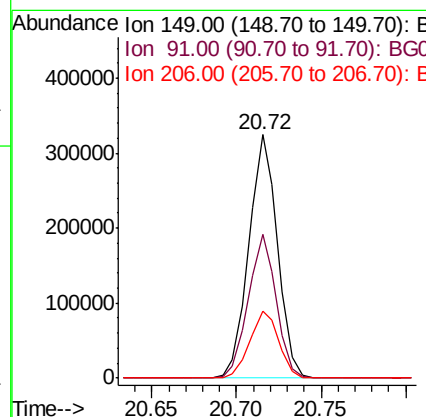
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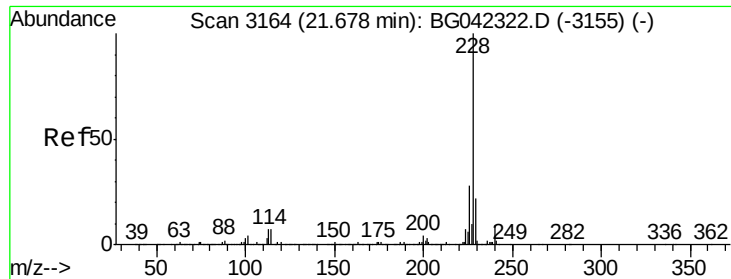
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#80
 Butylbenzylphthalate
 Concen: 40.854 ng
 RT: 20.72 min Scan# 3000
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.8	47.8	71.6
206	27.6	22.6	33.8





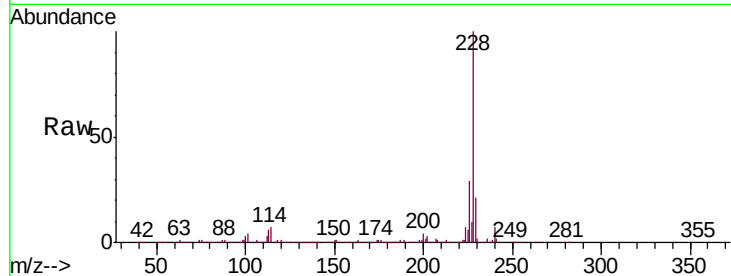
#81
Benzo(a)anthracene
Concen: 41.480 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

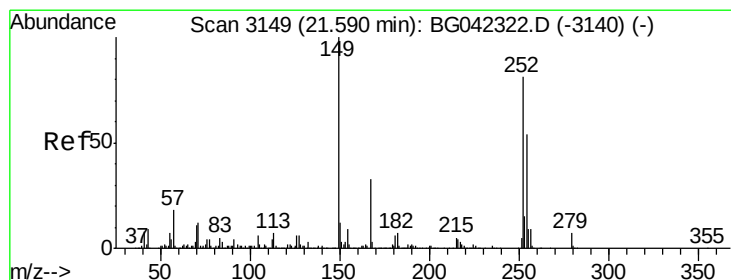
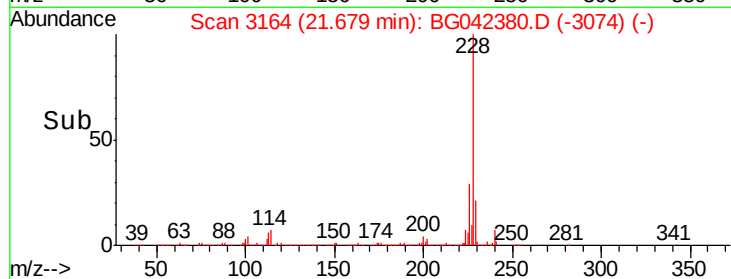
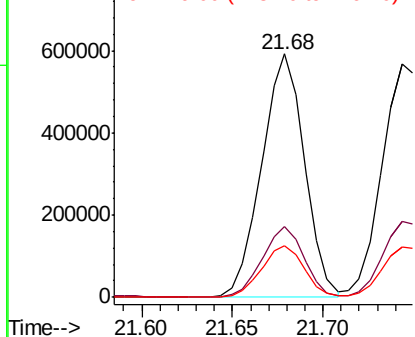
Tot Ion:	228	Resp:	973467
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.7	34.1
229	21.0	17.4	26.2

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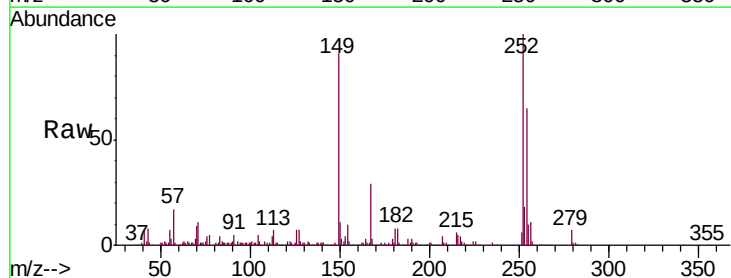


Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

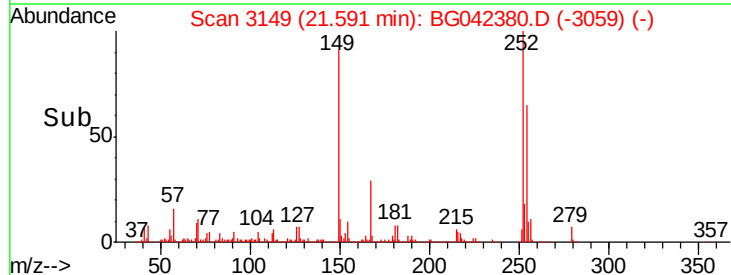
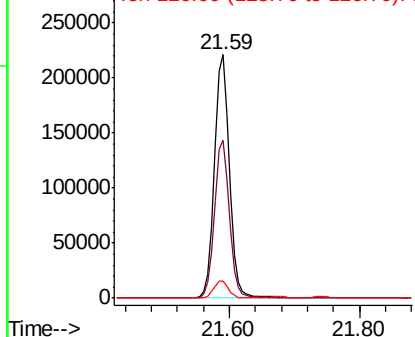


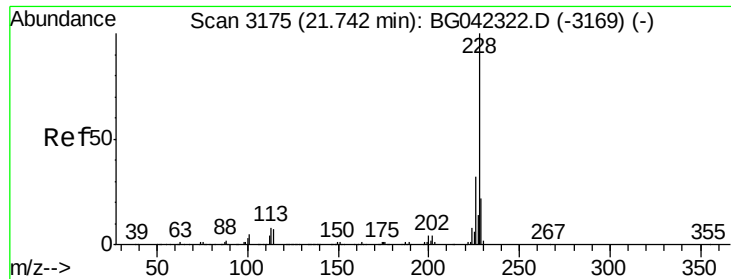
#82
3,3'-Dichlorobenzidine
Concen: 38.059 ng
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion:	252	Resp:	355507
Ion Ratio	Lower	Upper	
252	100		
254	65.1	53.0	79.6
126	6.8	6.2	9.2



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





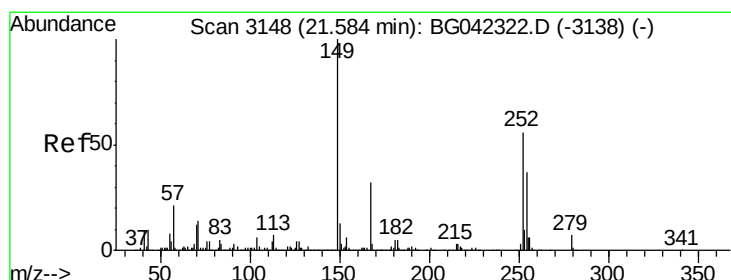
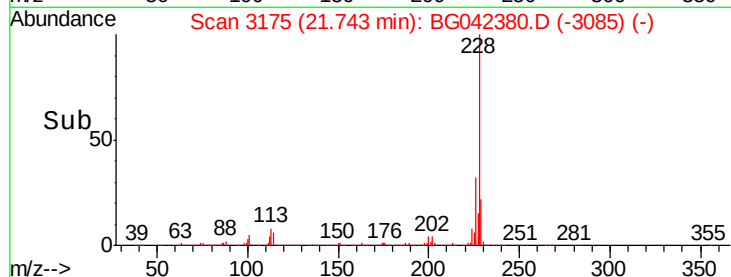
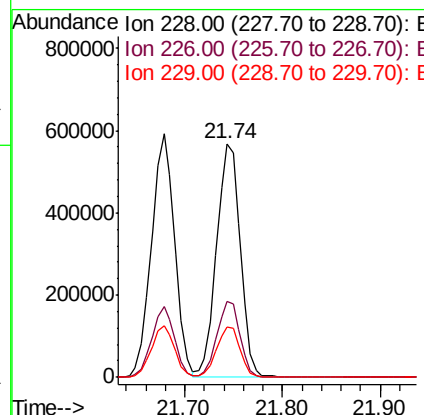
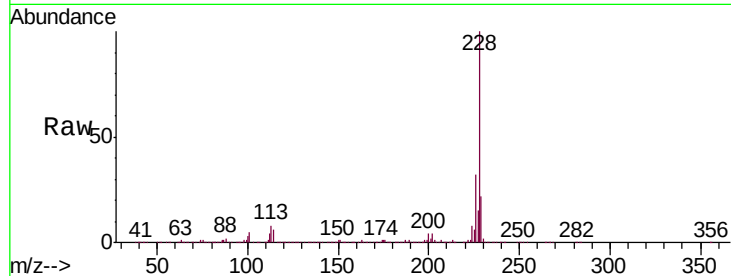
#83
 Chrysene
 Concen: 42.579 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	955903		
226	32.4		25.6	38.4
229	21.7		17.8	26.6

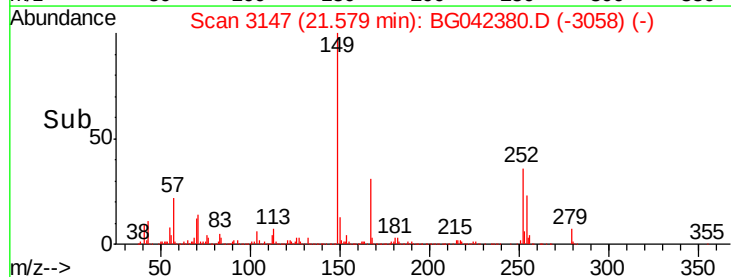
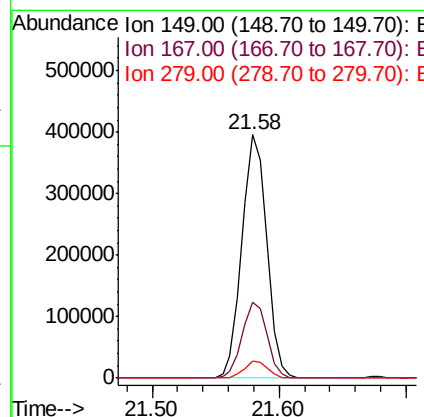
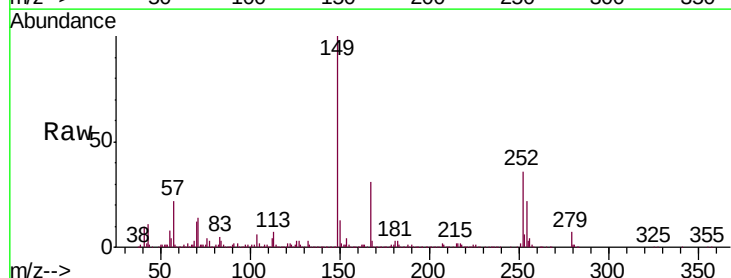
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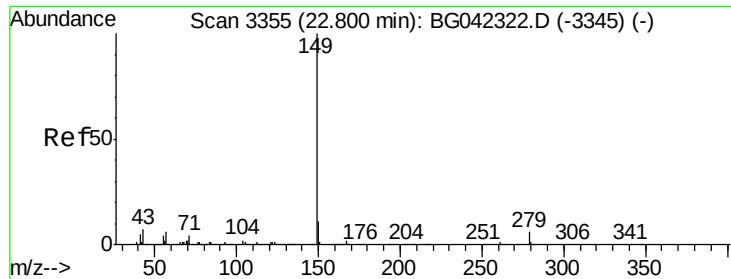
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.904 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042380.D
 Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	531509		
167	31.4		25.4	38.0
279	6.9		5.8	8.6





#85

Di-n-octyl phthalate

Concen: 41.846 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

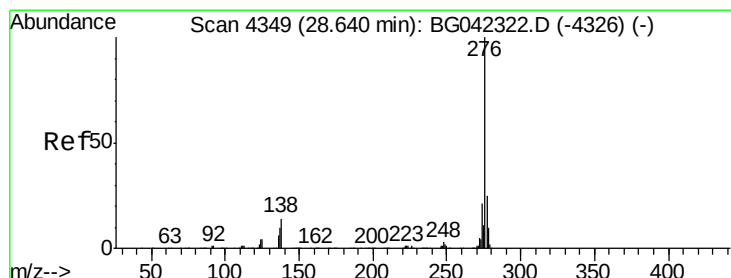
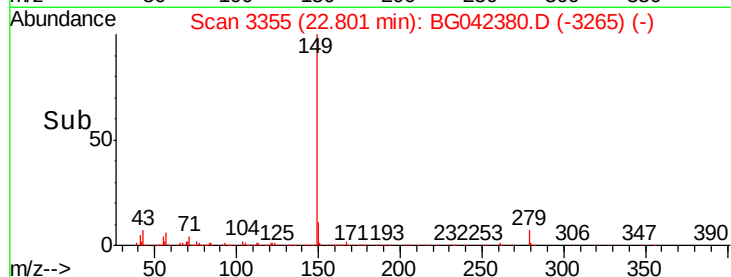
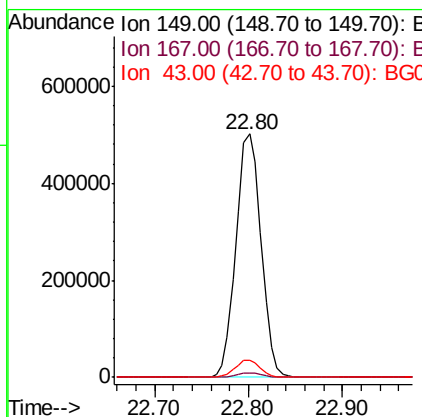
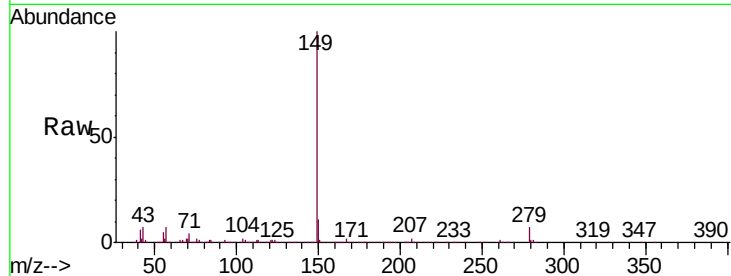
ClientSampleId :

PB122256BS

Tot Ion:	149	Resp:	927489
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	6.8	5.4	8.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.069 ng

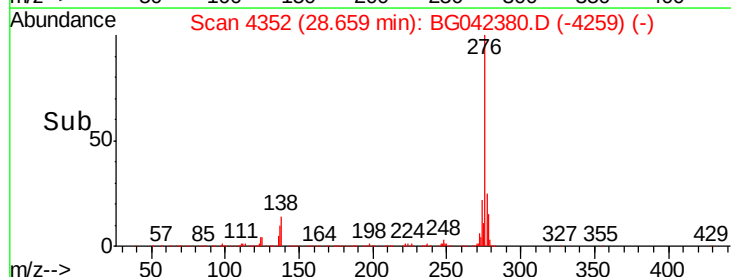
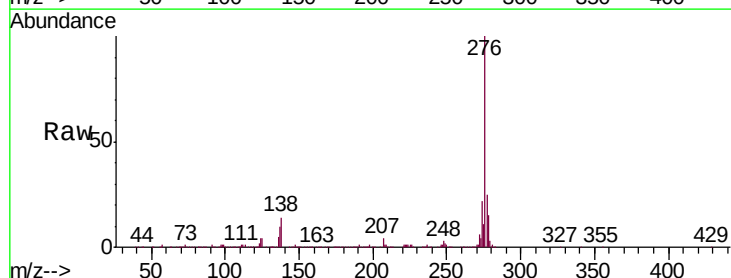
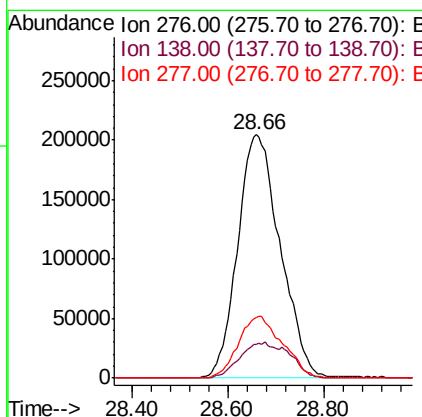
RT: 28.66 min Scan# 4352

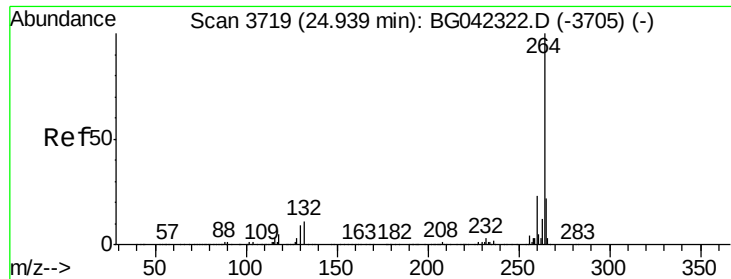
Delta R.T. 0.02 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	276	Resp:	1261012
Ion Ratio	Lower	Upper	
276	100		
138	12.5	14.5	21.7#
277	26.3	21.0	31.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

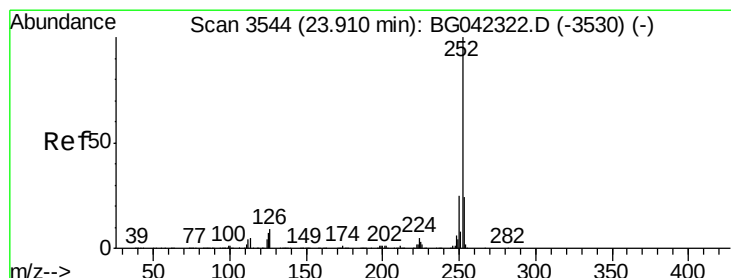
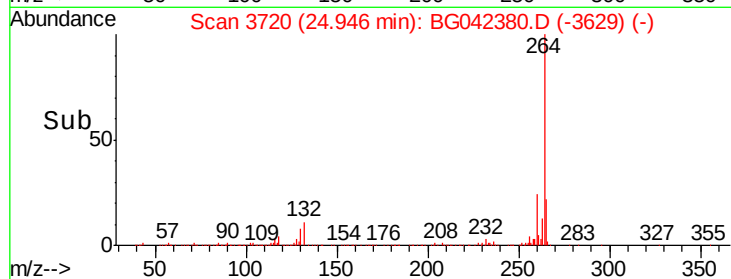
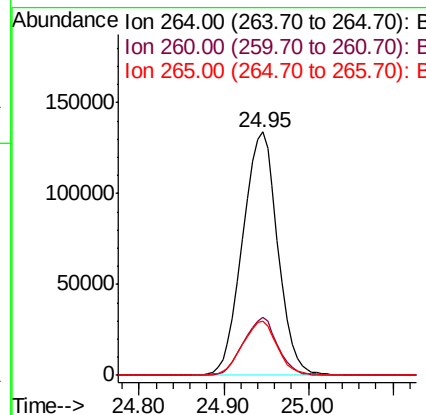
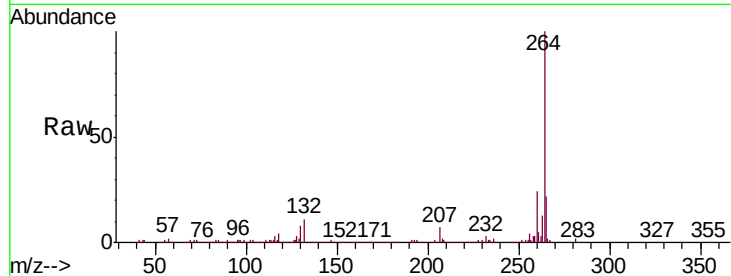
ClientSampleId :

PB122256BS

Tot Ion:	264	Resp:	386399
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.4	27.6
265	22.3	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 50.470 ng

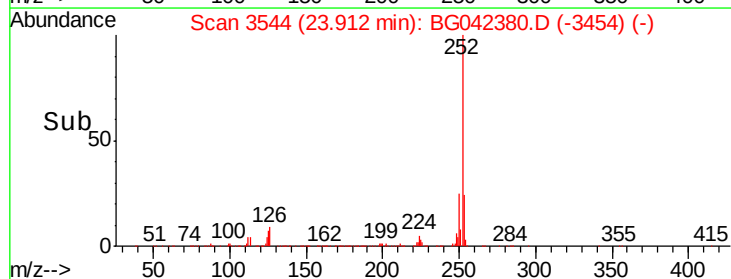
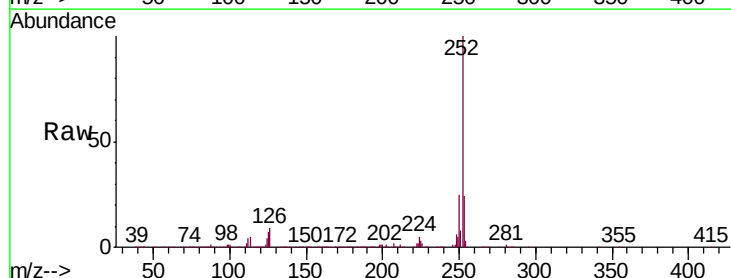
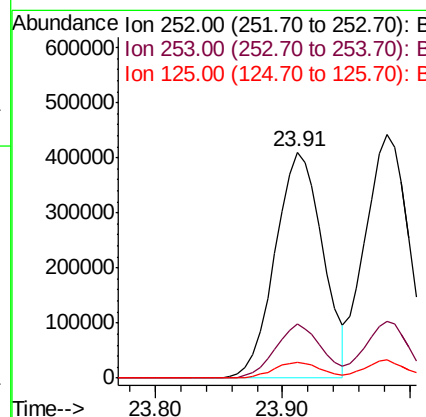
RT: 23.91 min Scan# 3544

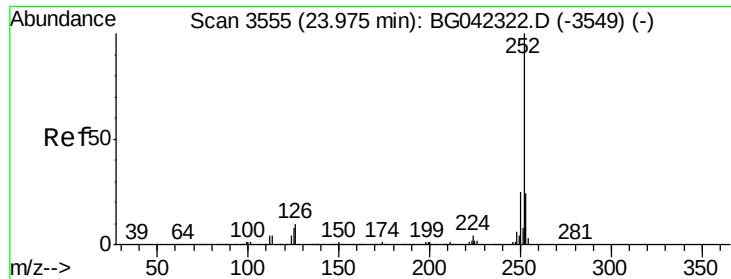
Delta R.T. 0.00 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Tgt Ion:	252	Resp:	1071897
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.9	28.3
125	7.0	5.8	8.6





#89

Benzo(k)fluoranthene

Concen: 51.045 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

Instrument :

BNA_G

ClientSampleId :

PB122256BS

Tot Ion:252 Resp: 1059729

Ion Ratio Lower Upper

252 100

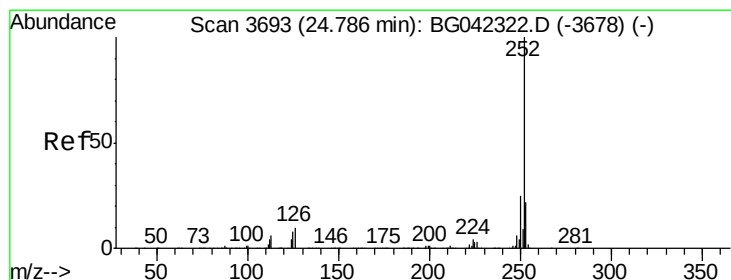
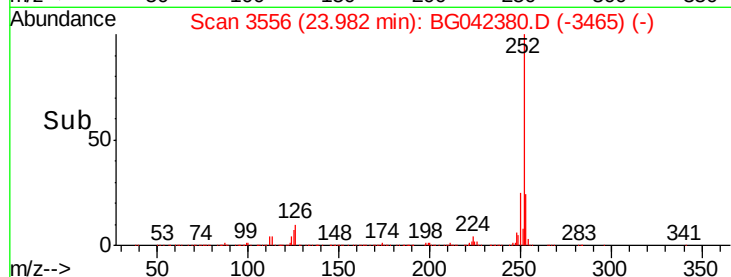
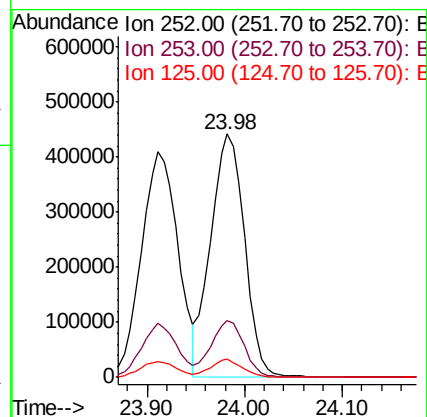
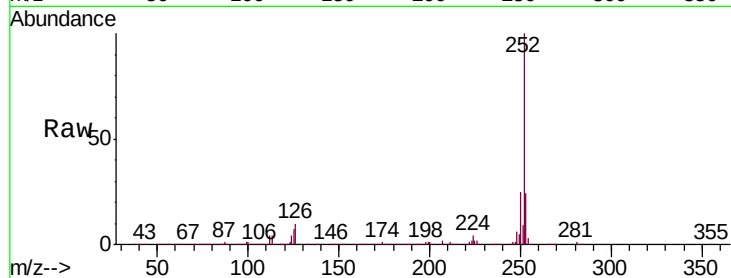
253 23.5 19.0 28.4

125 7.4 6.0 9.0

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#90

Benzo(a)pyrene

Concen: 51.975 ng

RT: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG042380.D

Acq: 21 Aug 2019 12:55

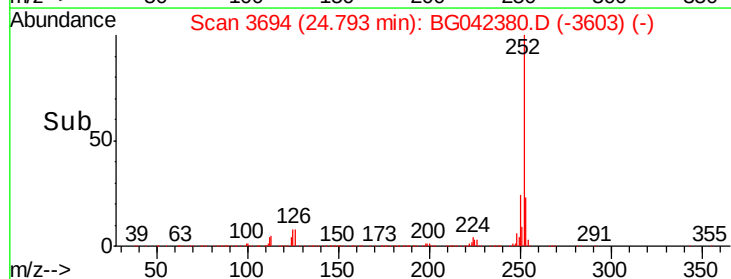
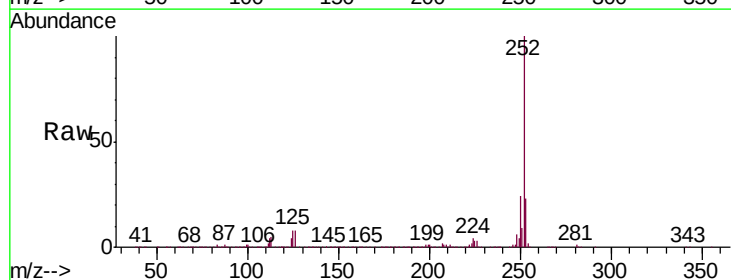
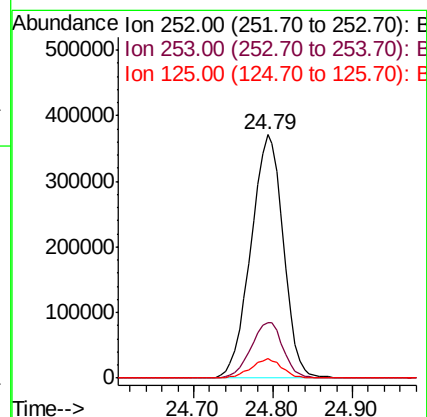
Tgt Ion:252 Resp: 1057745

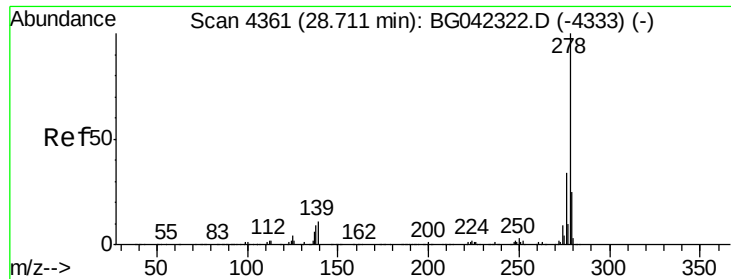
Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 7.9 6.7 10.1





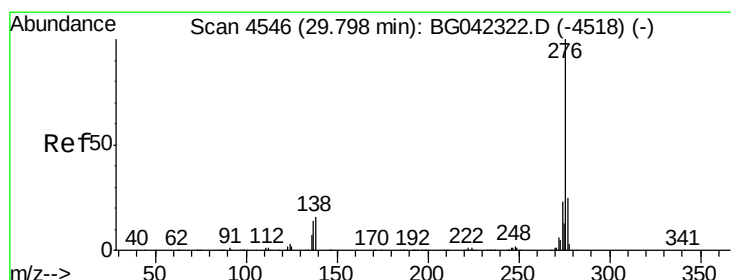
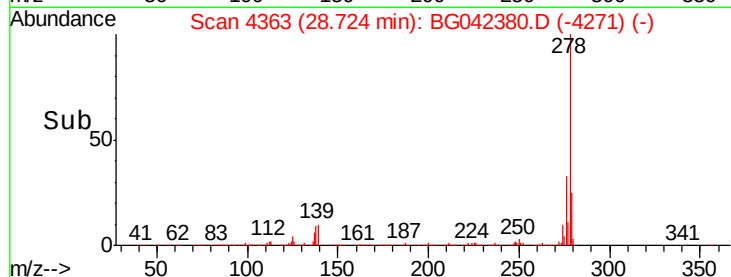
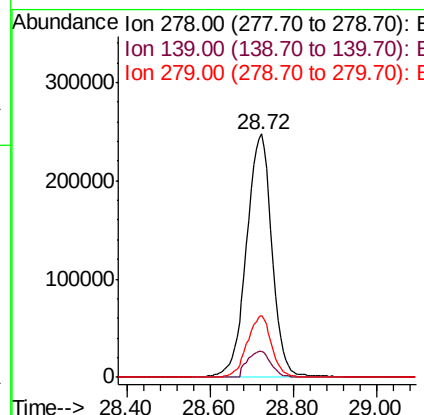
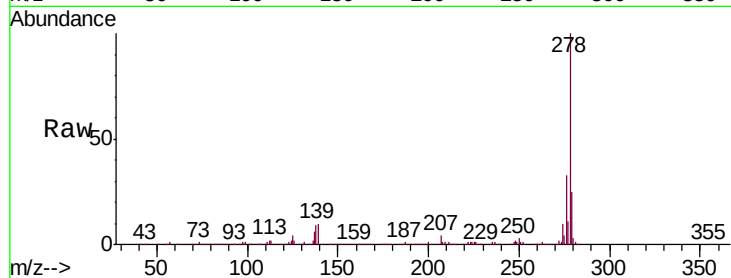
#91
Dibenzo(a,h)anthracene
Concen: 52.015 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Instrument :
BNA_G
ClientSampleId :
PB122256BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.5	12.7
279	25.2	19.8	29.8

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#92
Benzo(g,h,i)perylene
Concen: 52.254 ng
RT: 29.82 min Scan# 4550
Delta R.T. 0.02 min
Lab File: BG042380.D
Acq: 21 Aug 2019 12:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	13.7	12.8	19.2

