

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042381.D
 Acq On : 21 Aug 2019 13:33
 Operator : HP/JU
 Sample : PB122256BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Manual Integrations
 APPROVED

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 8/22/2019 1:58:47 PM

Quant Time: Aug 21 17:47:13 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	66381	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	262318	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	177221	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	366452	20.00	ng	0.00
76) Chrysene-d12	21.70	240	380963	20.00	ng	0.00
87) Perylene-d12	24.94	264	388283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	408505	124.68	ng	0.00
7) Phenol-d6	7.18	99	519952	116.85	ng	0.01
23) Nitrobenzene-d5	9.18	82	297987	79.90	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	269827	111.79	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	865702	82.66	ng	0.00
79) Terphenyl-d14	20.03	244	1349699	77.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	51607	36.525	ng	96
3) Pyridine	3.83	79	116495	32.188	ng	100
4) n-Nitrosodimethylamine	3.74	42	52176	41.874	ng	96
6) Aniline	7.32	93	172436	29.364	ng	99
8) 2-Chlorophenol	7.57	128	177531	44.573	ng	98
9) Benzaldehyde	7.14	77	43671	17.448	ng	98
10) Phenol	7.20	94	197142	43.579	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	146377	40.966	ng	98
12) 1,3-Dichlorobenzene	7.89	146	202395	39.927	ng	100
13) 1,4-Dichlorobenzene	8.04	146	205925	40.333	ng	99
14) 1,2-Dichlorobenzene	8.36	146	194290	39.875	ng	99
15) Benzyl Alcohol	8.25	79	130961	42.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	194146	39.402	ng	99
17) 2-Methylphenol	8.46	107	138888	41.522	ng	97
18) Hexachloroethane	9.10	117	69701	39.722	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	110078	38.462	ng	99
20) 3+4-Methylphenols	8.79	107	190218	41.105	ng	99
22) Acetophenone	8.83	105	237416	42.596	ng	96
24) Nitrobenzene	9.22	77	163185	42.940	ng	100
25) Isophorone	9.75	82	302204	40.521	ng	100
26) 2-Nitrophenol	9.93	139	106665	45.150	ng	98
27) 2,4-Dimethylphenol	10.00	122	158477	48.353	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	192412	40.053	ng	99
29) 2,4-Dichlorophenol	10.48	162	190452	43.704	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	222020	41.680	ng	99
31) Naphthalene	10.88	128	515992	42.447	ng	99
32) Benzoic acid	10.15	122	82498	36.796	ng	94
33) 4-Chloroaniline	10.99	127	141413	25.510	ng	96
34) Hexachlorobutadiene	11.17	225	144458	40.467	ng	97
35) Caprolactam	11.76	113	52411m	37.735	ng	
36) 4-Chloro-3-methylphenol	12.12	107	166094	40.777	ng	97
37) 2-Methylnaphthalene	12.49	142	399617	41.009	ng	99
38) 1-Methylnaphthalene	12.71	142	374536	40.350	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	252649	44.229	ng	98

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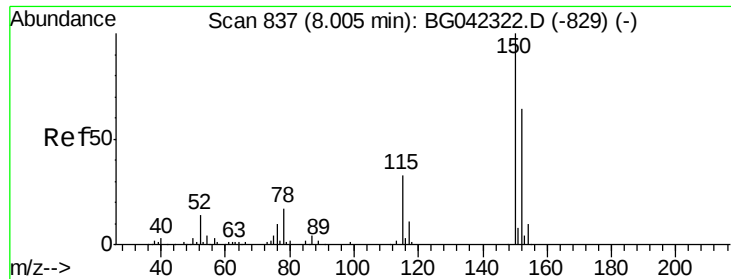
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	325880	97.285	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	167516	43.814	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	175204	44.492	nq	100
46) 1,1'-Biphenyl	13.50	154	504861	43.665	nq	97
47) 2-Chloronaphthalene	13.54	162	414390	42.040	nq	99
48) 2-Nitroaniline	13.74	65	91532	39.291	nq	100
49) Acenaphthylene	14.39	152	625629	42.221	nq	100
50) Dimethylphthalate	14.12	163	499951	39.701	nq	100
51) 2,6-Dinitrotoluene	14.23	165	121624	41.267	nq	98
52) Acenaphthene	14.73	154	365466	40.430	nq	97
53) 3-Nitroaniline	14.57	138	81414	28.093	nq	99
54) 2,4-Dinitrophenol	14.78	184	153140	80.359	nq	99
55) Dibenzofuran	15.07	168	617909	41.966	nq	99
56) 4-Nitrophenol	14.89	139	211210	101.025	nq	99
57) 2,4-Dinitrotoluene	15.03	165	162370	39.404	nq	99
58) Fluorene	15.71	166	492310	41.102	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	163411	42.728	nq	# 97
60) Diethylphthalate	15.48	149	474170	38.920	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	291633	40.545	nq	99
62) 4-Nitroaniline	15.73	138	112897	36.866	nq	98
63) Azobenzene	16.00	77	340239	40.074	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	102365	45.782	nq	98
66) n-Nitrosodiphenylamine	15.92	169	444415	43.340	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	196279	42.089	nq	97
68) Hexachlorobenzene	16.73	284	205523	41.143	nq	99
69) Atrazine	16.87	200	155049	44.113	nq	99
70) Pentachlorophenol	17.08	266	250889	94.350	nq	98
71) Phenanthrene	17.46	178	779126	42.690	nq	100
72) Anthracene	17.55	178	796979	43.785	nq	99
73) Carbazole	17.82	167	696217	43.058	nq	99
74) Di-n-butylphthalate	18.38	149	790710	41.923	nq	99
75) Fluoranthene	19.47	202	964712	43.834	nq	100
77) Benzidine	19.65	184	306431	30.337	nq	100
78) Pyrene	19.83	202	966185	41.217	nq	100
80) Butylbenzylphthalate	20.71	149	373497	40.202	nq	99
81) Benzo(a)anthracene	21.68	228	963712	41.192	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	358650	38.515	nq	99
83) Chrysene	21.74	228	951582	42.519	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	539155	41.621	nq	99
85) Di-n-octyl phthalate	22.80	149	944805	42.760	nq	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1269967	42.499	nq	99
88) Benzo(b)fluoranthene	23.92	252	1087476	50.955	nq	99
89) Benzo(k)fluoranthene	23.98	252	1068487	51.217	nq	99
90) Benzo(a)pyrene	24.79	252	1063050	51.982	nq	99
91) Dibenzo(a,h)anthracene	28.72	278	1057685	51.843	nq	100
92) Benzo(g,h,i)perylene	29.82	276	1057693	52.026	nq	98

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



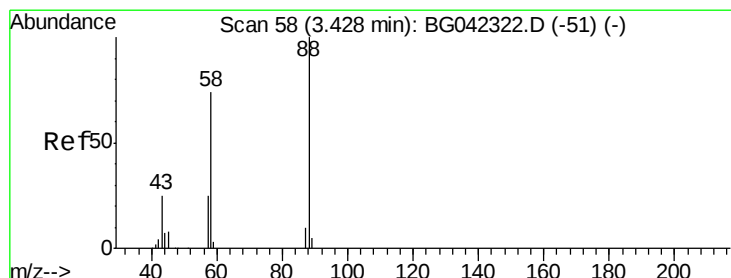
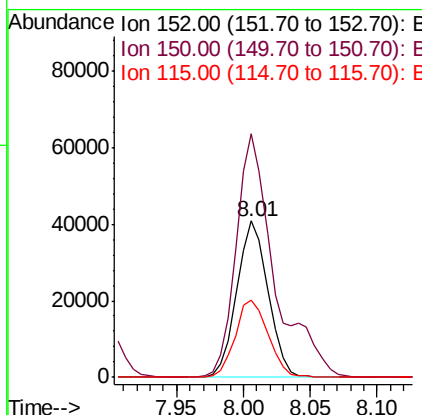
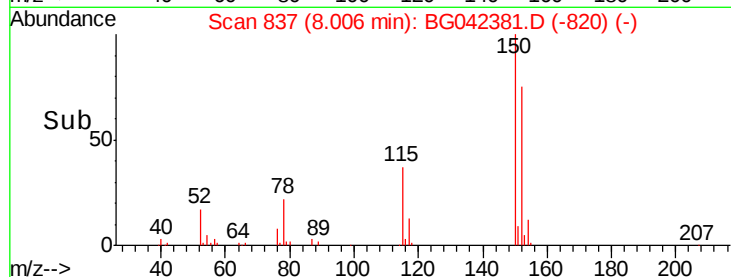
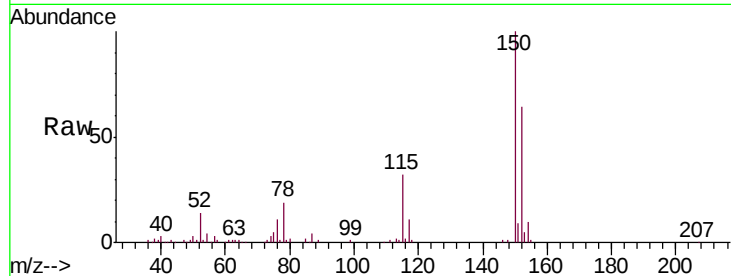
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.3	186.5
115	49.6	40.5	60.7

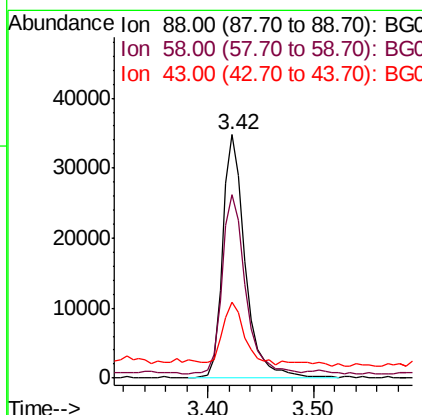
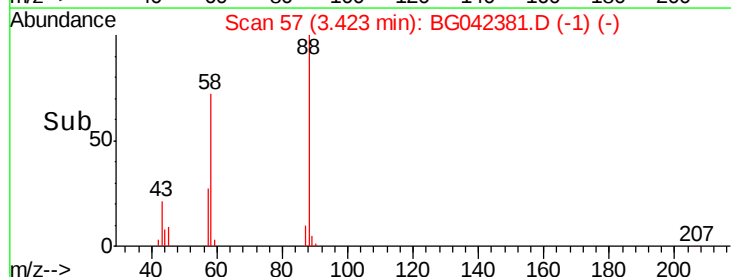
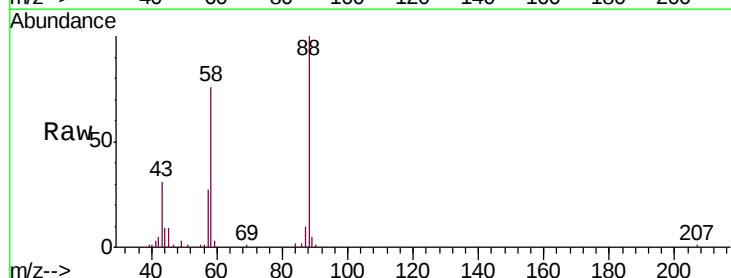
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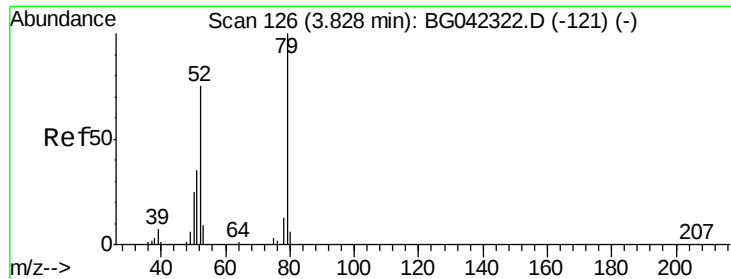
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#2
 1,4-Dioxane
 Concen: 36.525 ng
 RT: 3.42 min Scan# 57
 Delta R.T. -0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	58.6	88.0
43	25.2	19.4	29.0





#3

Pvridine

Concen: 32.188 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

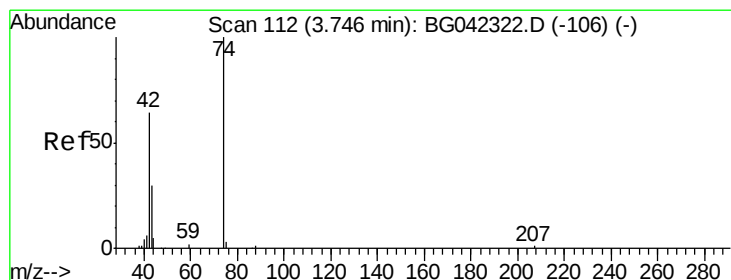
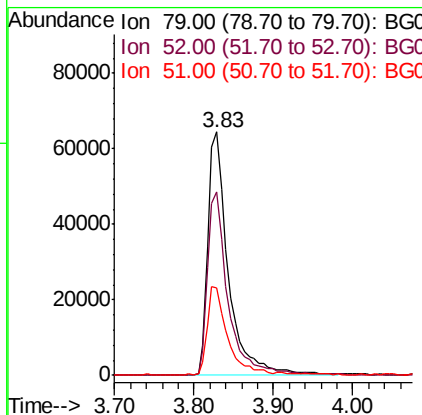
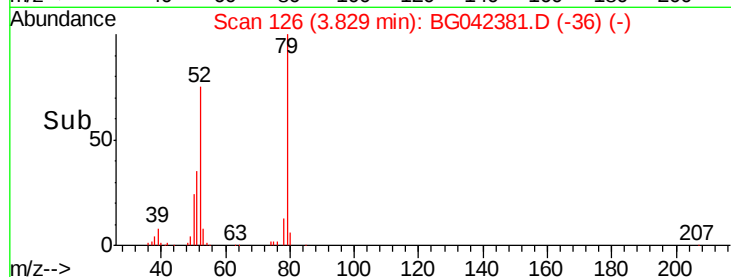
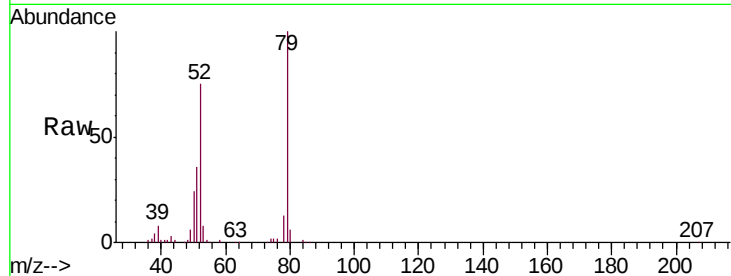
ClientSampleId :

PB122256BSD

Tot Ion:	79	Resp:	116495
Ion	Ratio	Lower	Upper
79	100		
52	75.3	60.0	90.0
51	35.7	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 41.874 ng

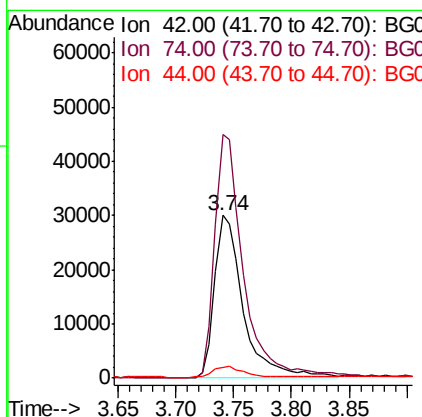
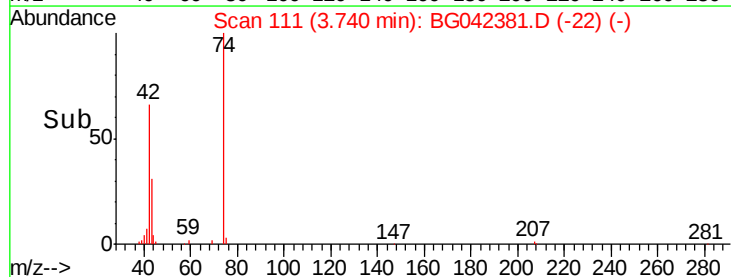
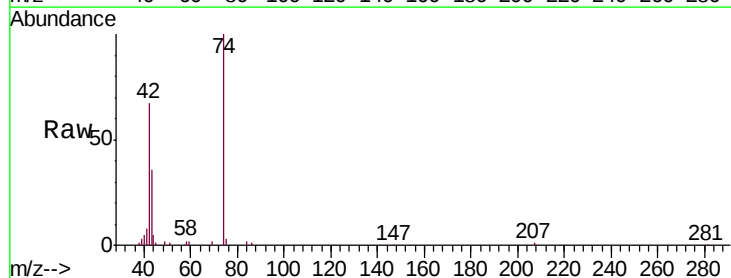
RT: 3.74 min Scan# 111

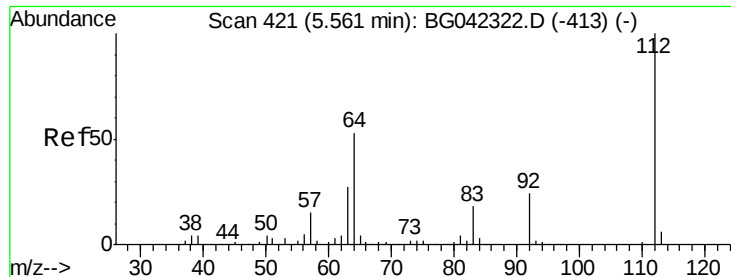
Delta R.T. -0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	42	Resp:	52176
Ion	Ratio	Lower	Upper
42	100		
74	149.6	124.2	186.2
44	6.8	6.5	9.7





#5

2-Fluorophenol

Concen: 124.685 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

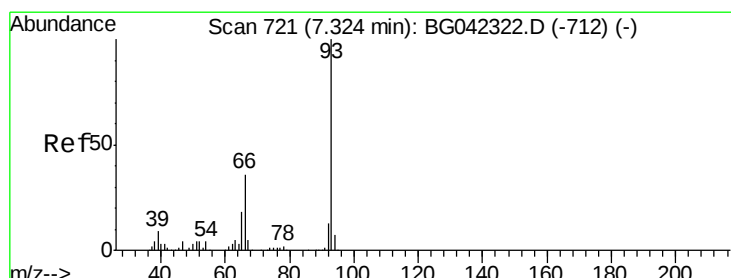
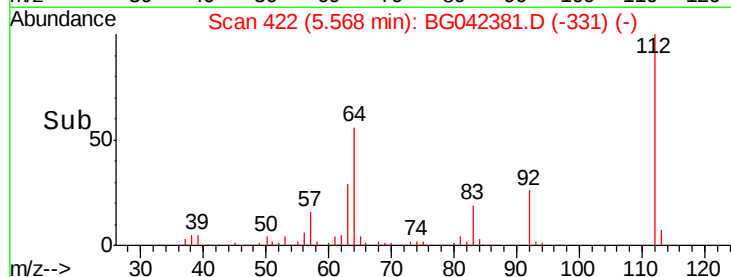
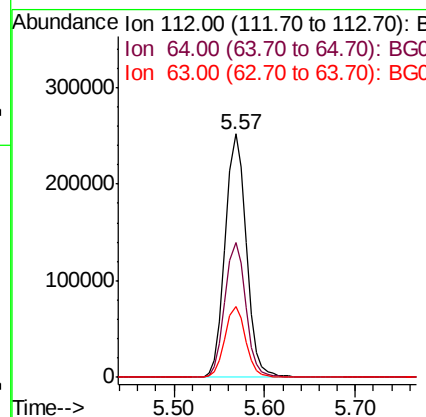
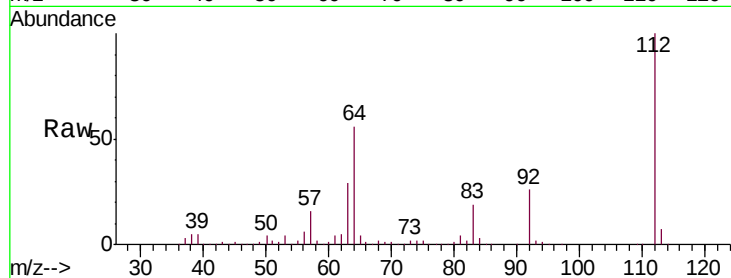
ClientSampleId :

PB122256BSD

Tot Ion:	112	Resp:	408505
Ion Ratio	Lower	Upper	
112	100		
64	55.6	42.5	63.7
63	29.1	21.7	32.5

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#6

Aniline

Concen: 29.364 ng

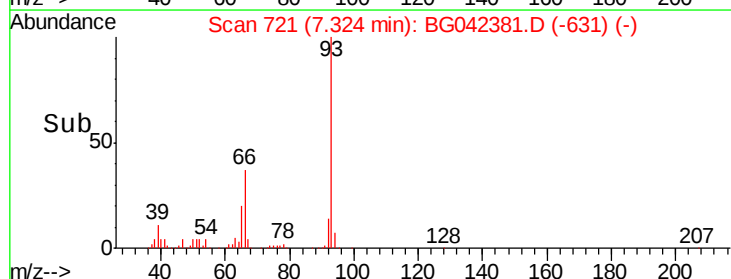
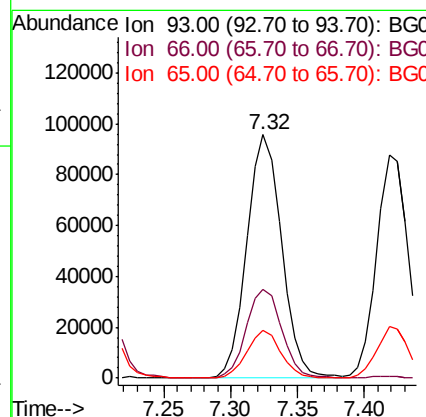
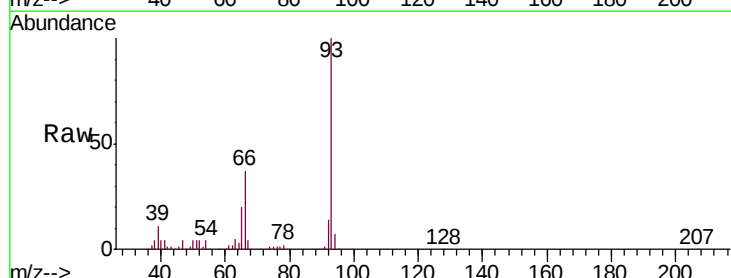
RT: 7.32 min Scan# 721

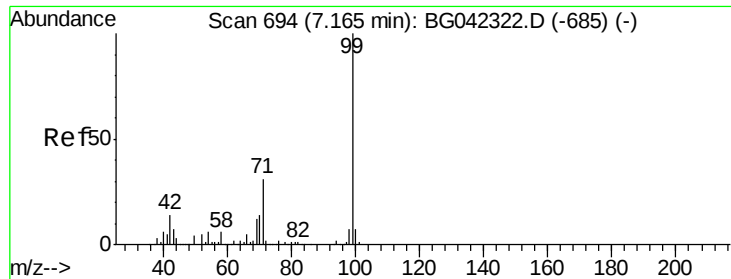
Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	93	Resp:	172436
Ion Ratio	Lower	Upper	
93	100		
66	36.7	29.1	43.7
65	19.6	14.7	22.1





#7

Phenol-d6

Concen: 116.853 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

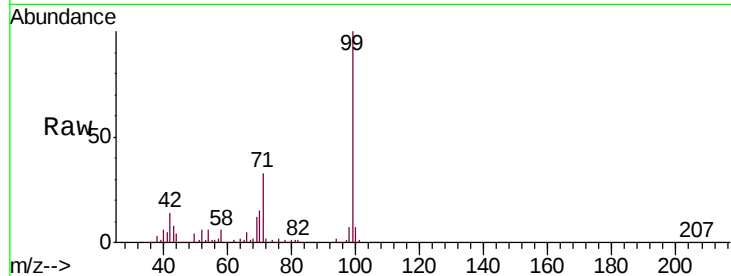
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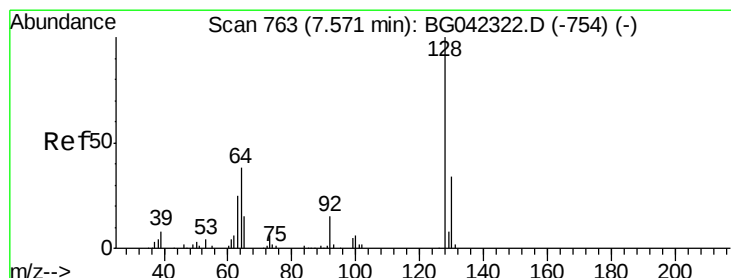
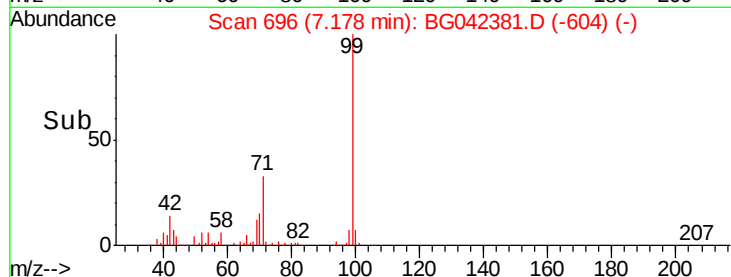
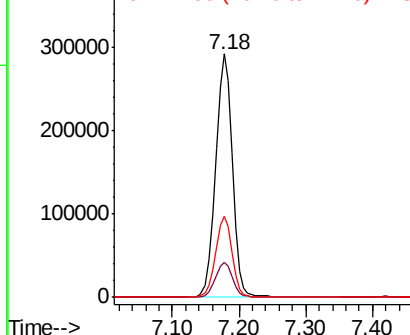
Tot Ion:	99	Resp:	519952
Ion Ratio	Lower	Upper	
99	100		
42	14.4	11.4	17.0
71	33.1	25.1	37.7

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.573 ng

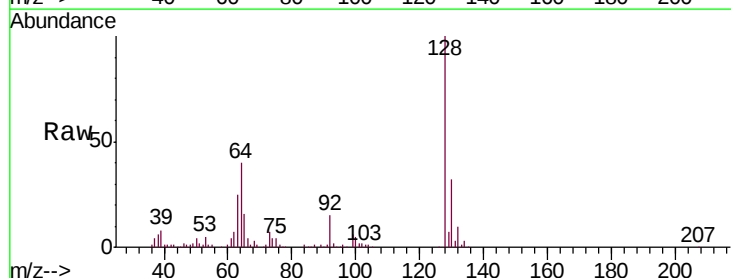
RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

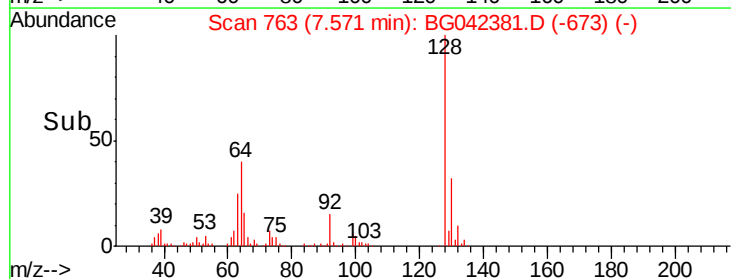
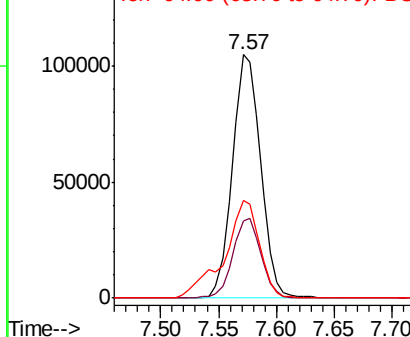
Lab File: BG042381.D

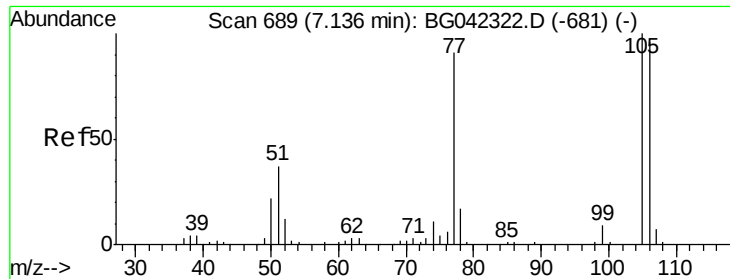
Acq: 21 Aug 2019 13:33

Tgt Ion:	128	Resp:	177531
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.5	53.5
64	40.3	19.8	59.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.448 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

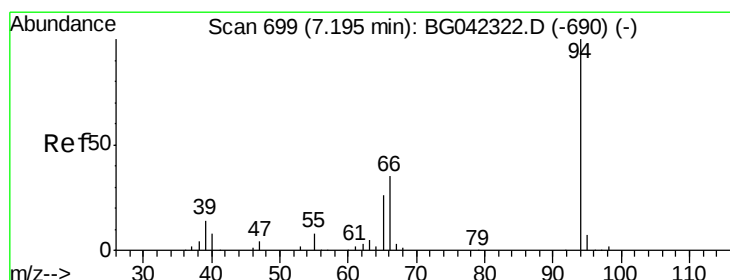
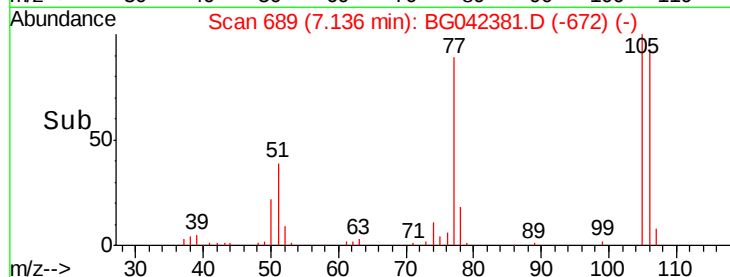
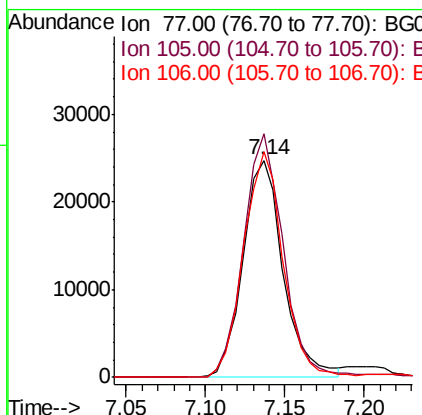
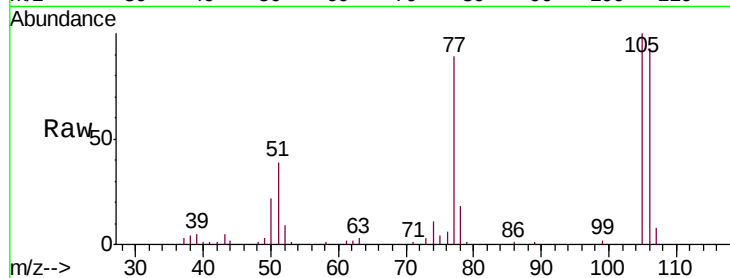
ClientSampleId :

PB122256BSD

Tot Ion:	77	Resp:	43671
Ion	Ratio	Lower	Upper
77	100		
105	112.3	89.8	129.8
106	104.0	85.1	125.1

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#10

Phenol

Concen: 43.579 ng

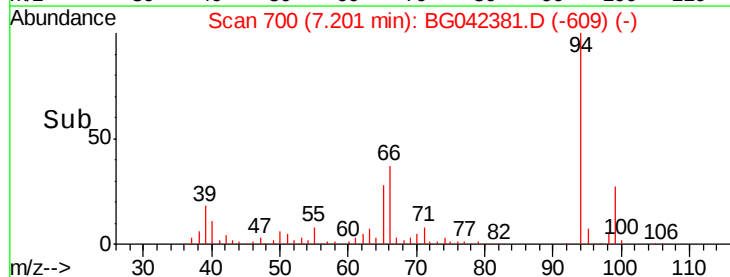
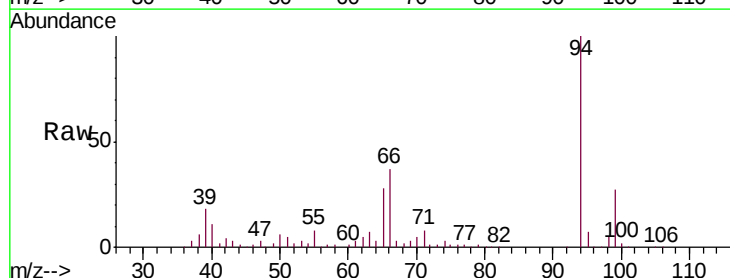
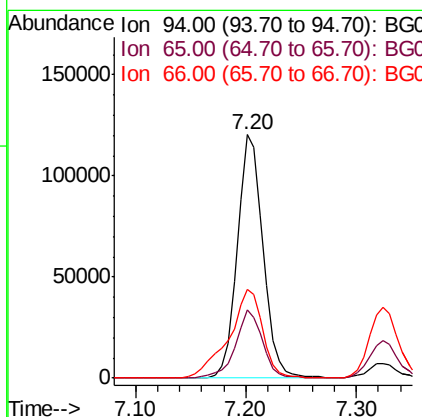
RT: 7.20 min Scan# 700

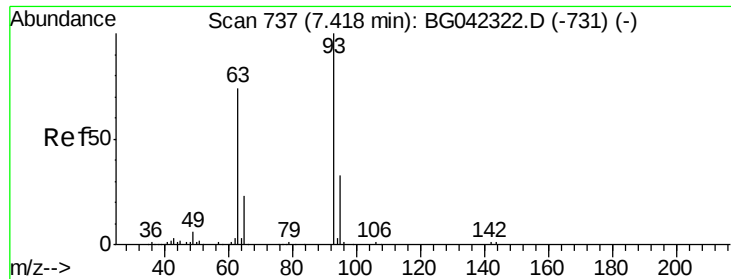
Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	94	Resp:	197142
Ion	Ratio	Lower	Upper
94	100		
65	28.3	6.1	46.1
66	36.6	15.7	55.7





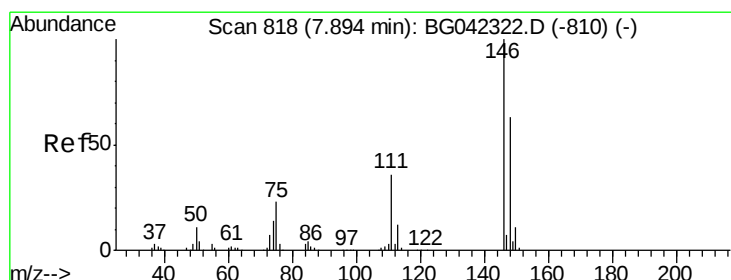
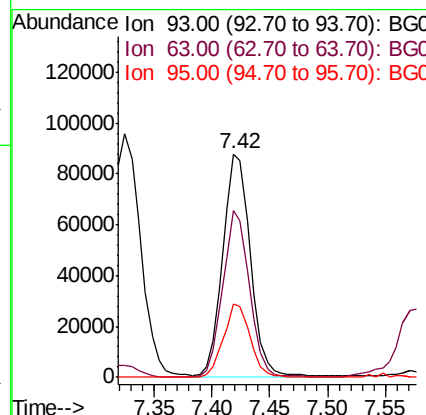
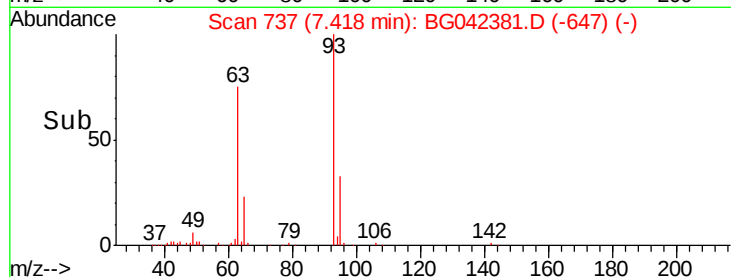
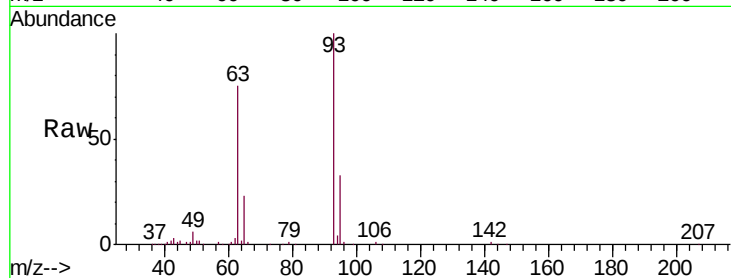
#11
bis(2-Chloroethyl)ether
Concen: 40.966 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	53.0	93.0
95	32.9	13.0	53.0

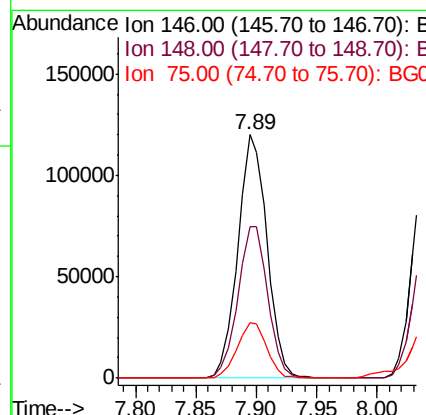
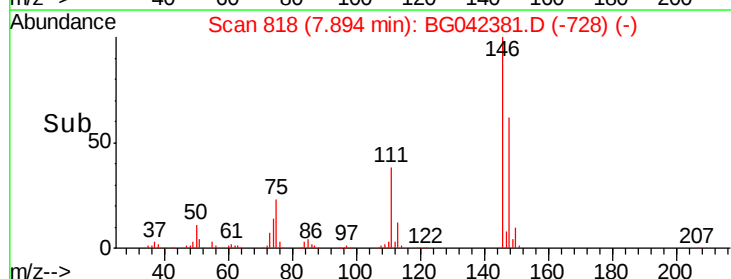
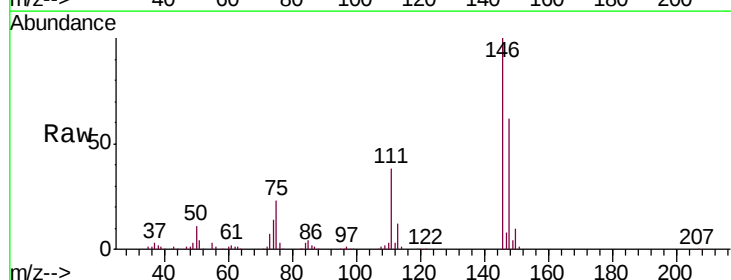
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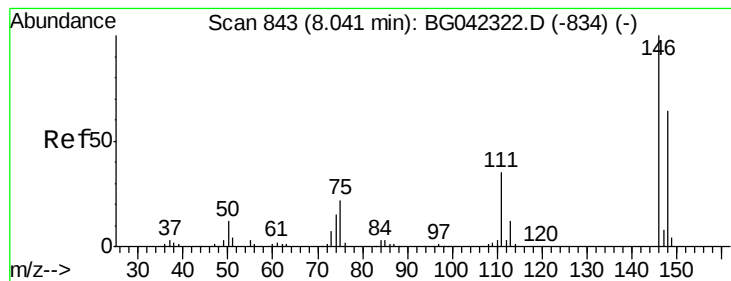
Jagrut
8/22/2019 1:58:47 PM



#12
1,3-Dichlorobenzene
Concen: 39.927 ng
RT: 7.89 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.2	75.2
75	22.9	18.2	27.4





#13

1,4-Dichlorobenzene

Concen: 40.333 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

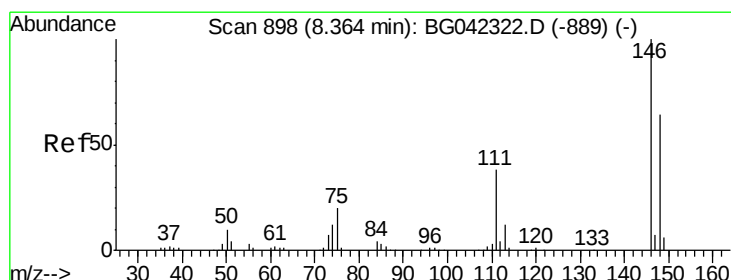
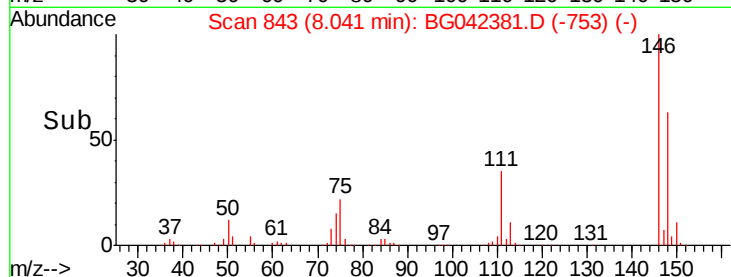
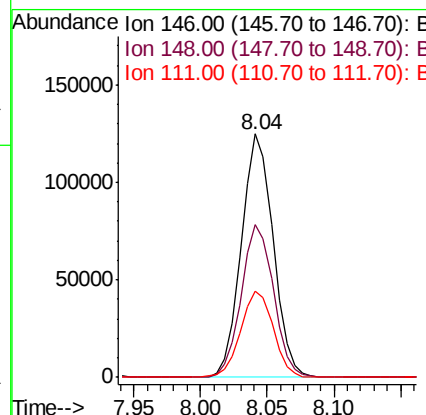
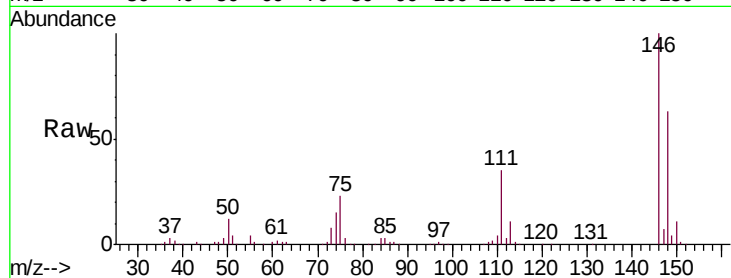
ClientSampleId :

PB122256BSD

Tot Ion:	146	Resp:	205925
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.9	76.3
111	35.2	28.3	42.5

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#14

1,2-Dichlorobenzene

Concen: 39.875 ng

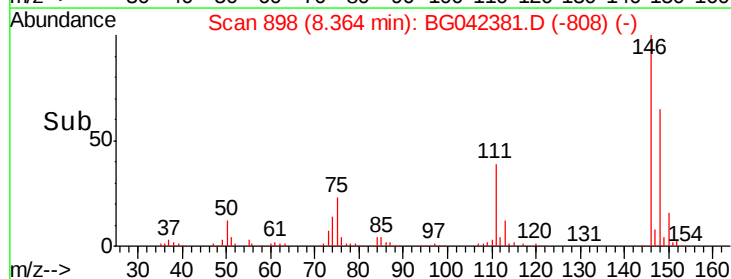
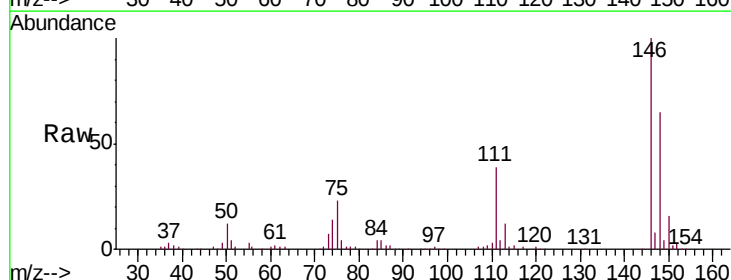
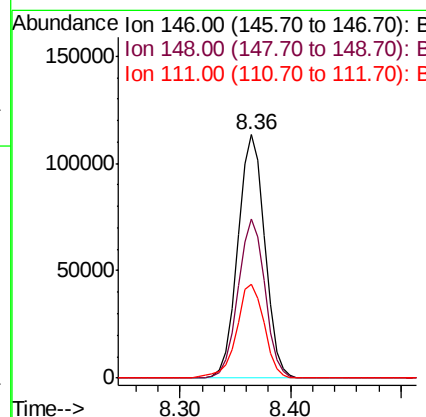
RT: 8.36 min Scan# 898

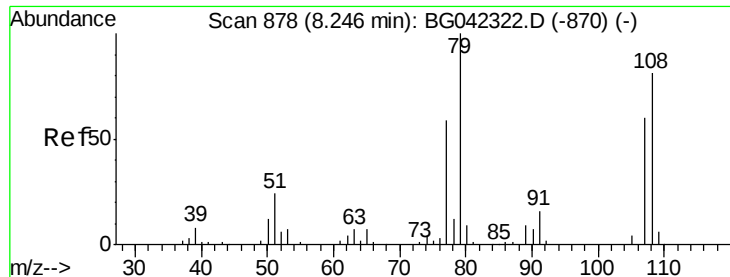
Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	146	Resp:	194290
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.4
111	38.5	30.6	46.0





#15

Benzyl Alcohol

Concen: 42.795 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

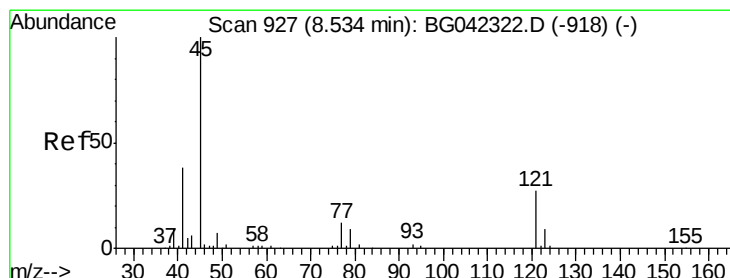
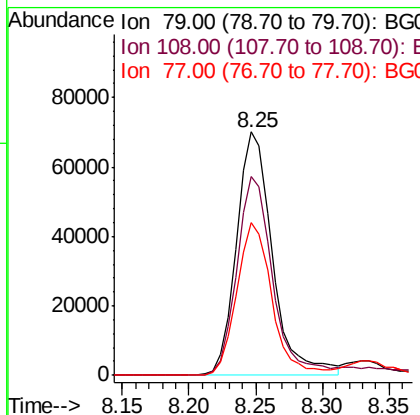
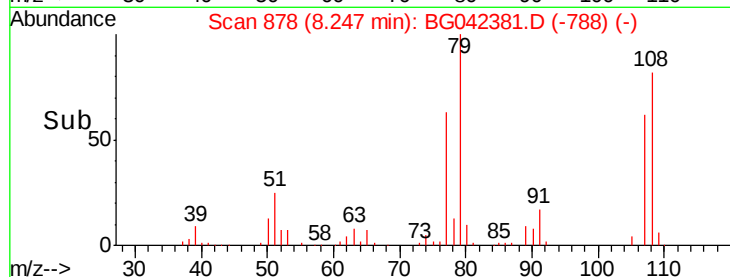
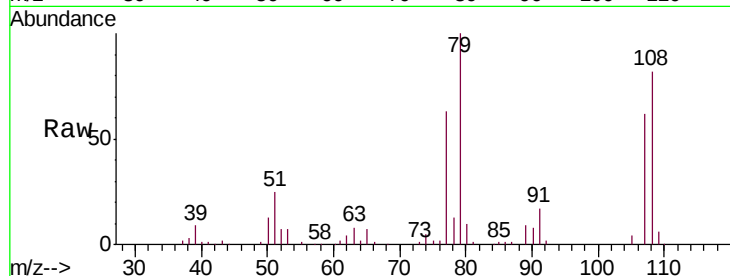
ClientSampleId :

PB122256BSD

Tot Ion:	79	Resp:	130961
Ion Ratio	Lower	Upper	
79	100		
108	81.9	64.8	97.2
77	62.6	47.6	71.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.402 ng

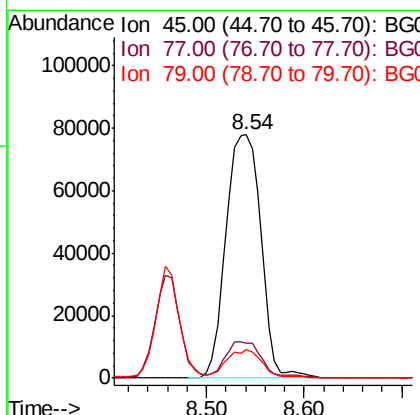
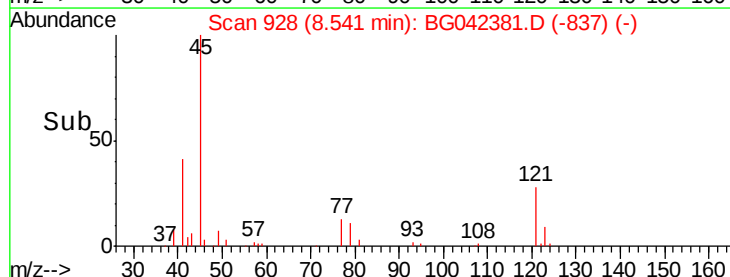
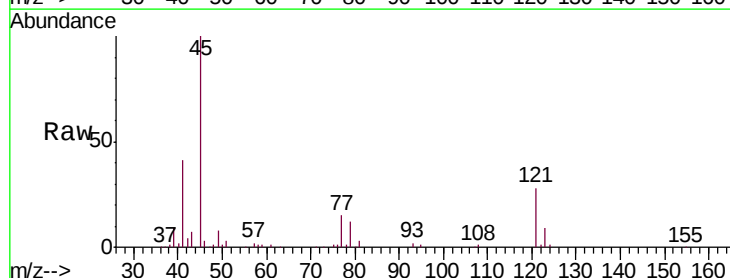
RT: 8.54 min Scan# 928

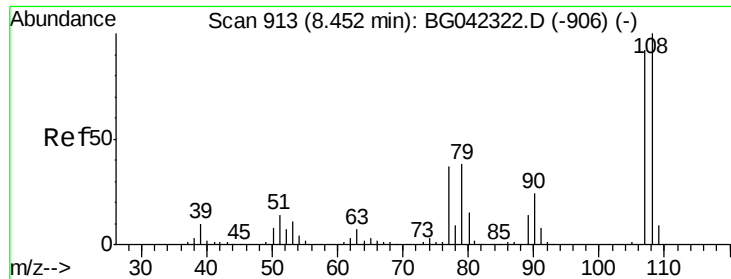
Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	45	Resp:	194146
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	34.6
79	12.0	0.0	31.4





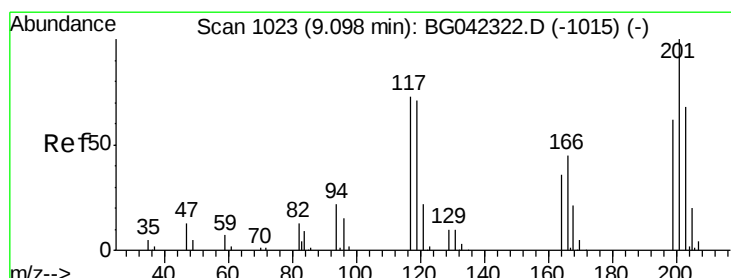
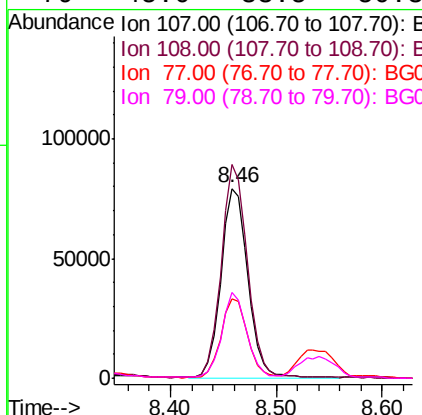
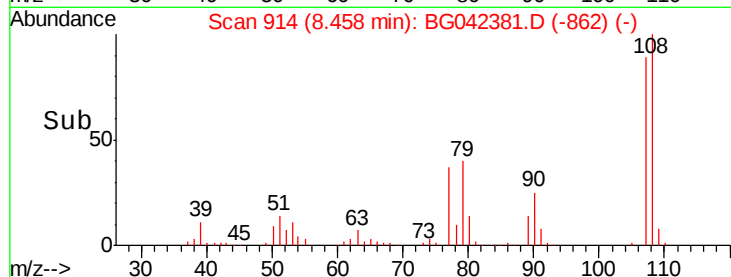
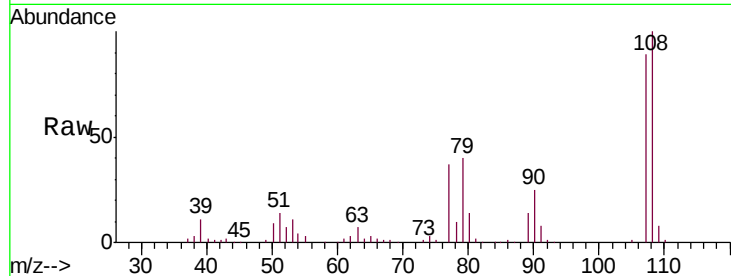
#17
2-Methylphenol
Concen: 41.522 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	87.0	130.6	
77	41.6	32.3	48.5	
79	45.0	33.5	50.3	

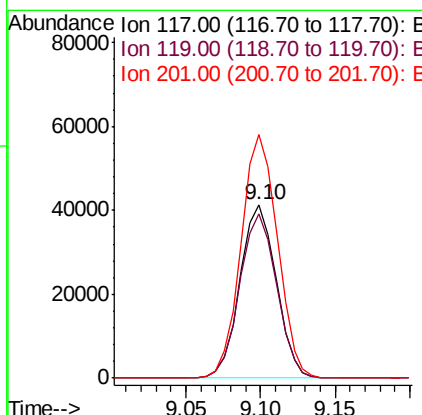
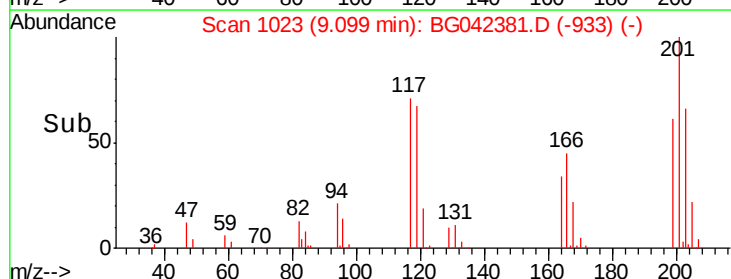
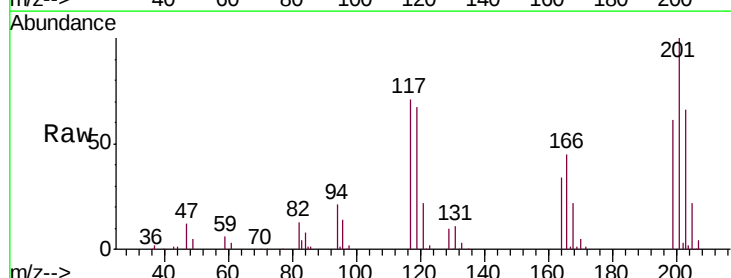
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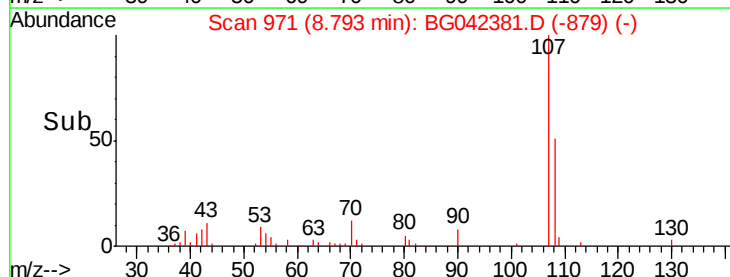
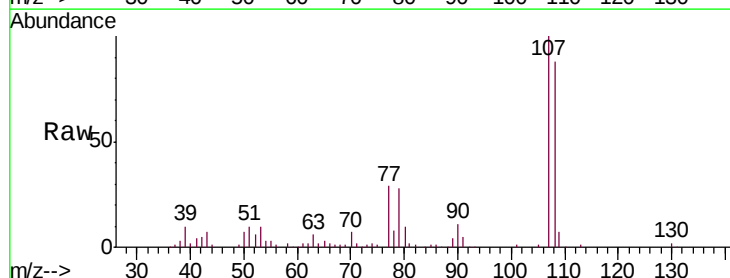
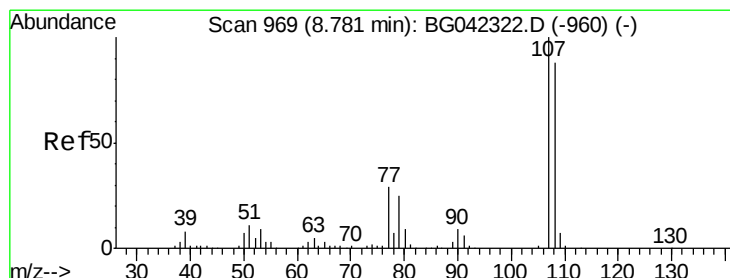
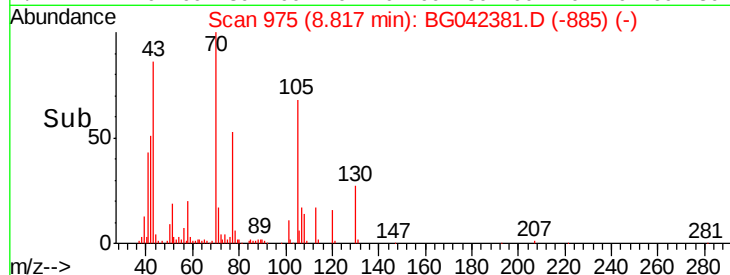
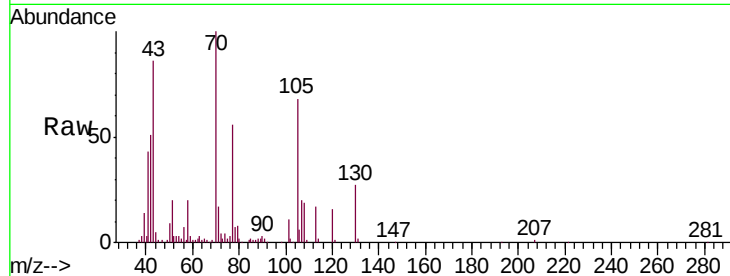
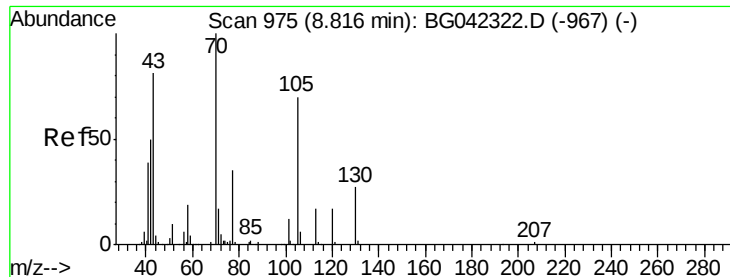
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8/22/2019 1:58:47 PM



#18
Hexachloroethane
Concen: 39.722 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

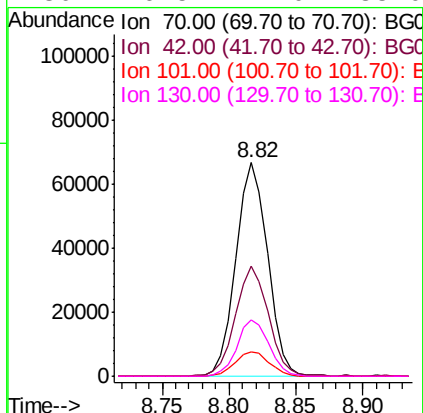
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.6	116.4	
201	140.5	109.4	164.2	





#19
n-Nitroso-di-n-propylamine
Concen: 38.462 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.4	40.5	60.7	
101	11.4	9.3	13.9	
130	26.5	22.0	33.0	



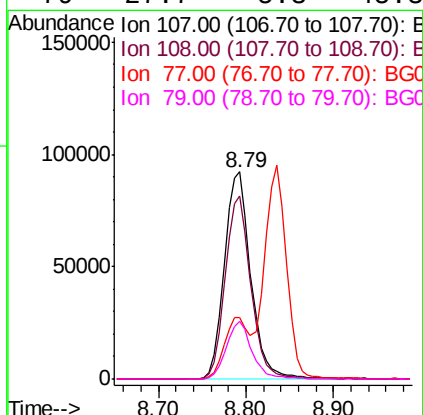
Instrument :
BNA_G
ClientSampleId :
PB122256BSD

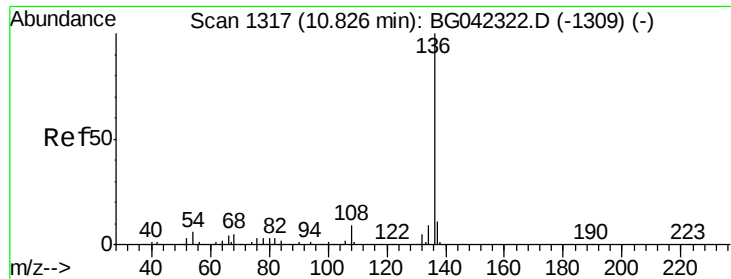
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8/22/2019 1:58:47 PM

#20
3+4-Methylphenols
Concen: 41.105 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	67.8	107.8	
77	29.5	9.1	49.1	
79	27.7	5.3	45.3	





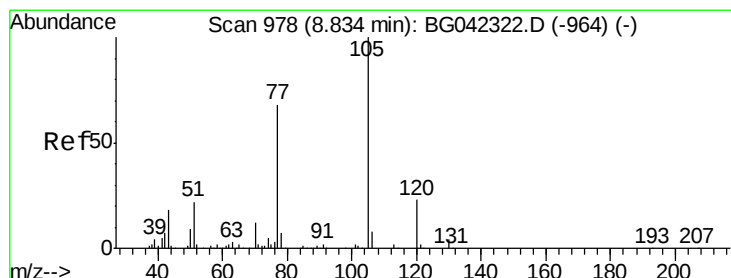
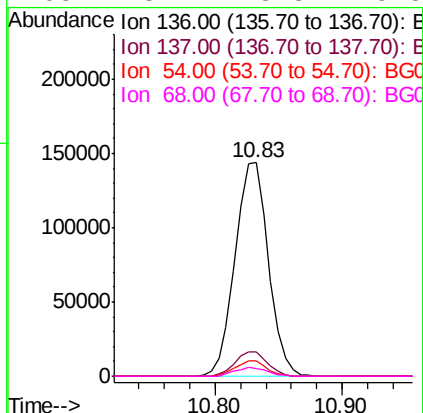
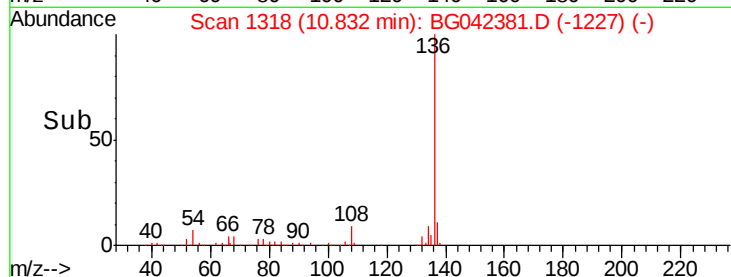
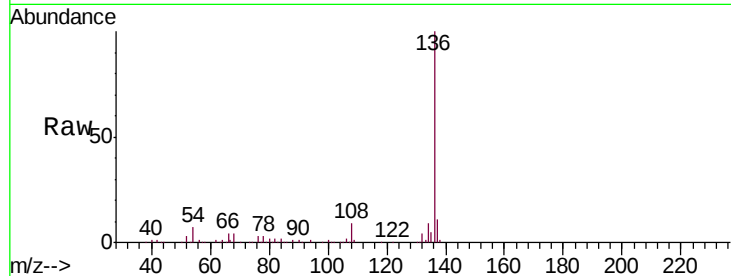
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	262318		
137	11.1	8.4	12.6	
54	7.0	5.0	7.4	
68	3.7	3.8	5.8	

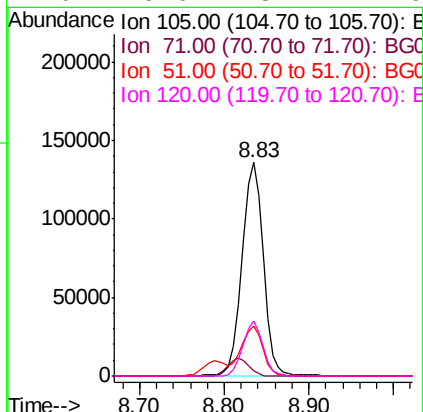
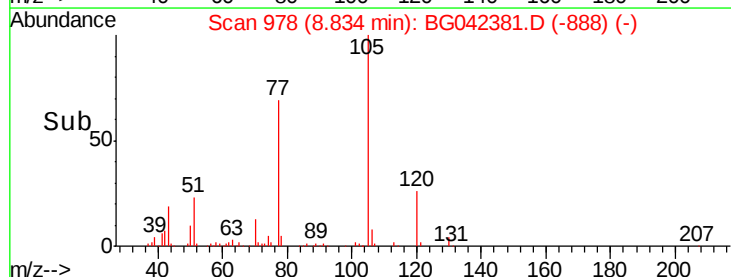
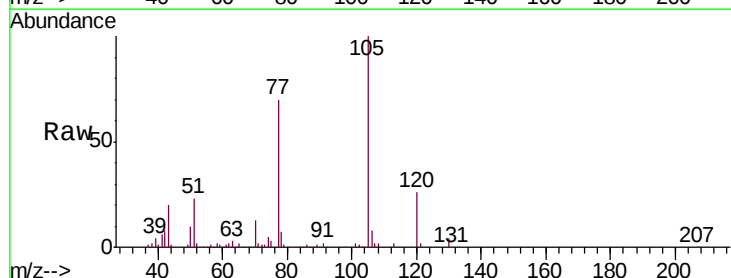
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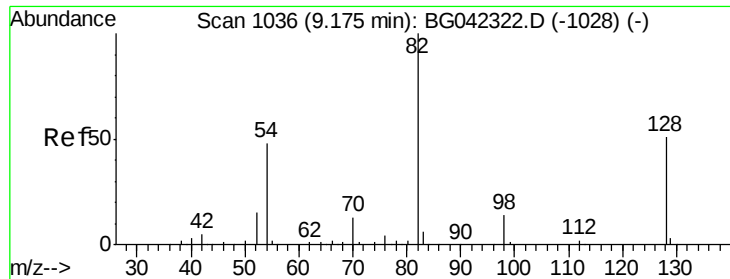
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#22
Acetophenone
Concen: 42.596 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237416		
71	2.4	1.8	2.8	
51	23.2	17.5	26.3	
120	25.6	18.4	27.6	





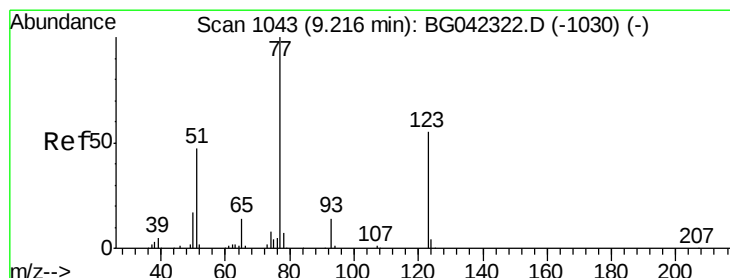
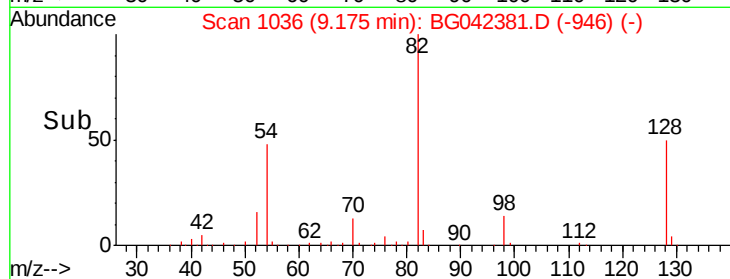
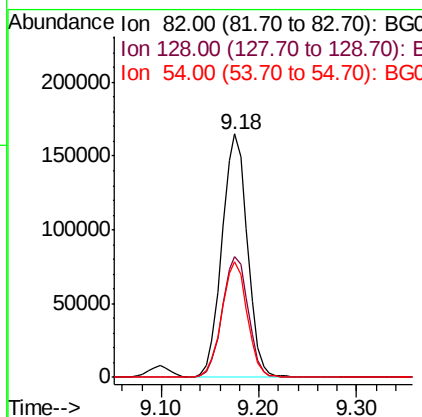
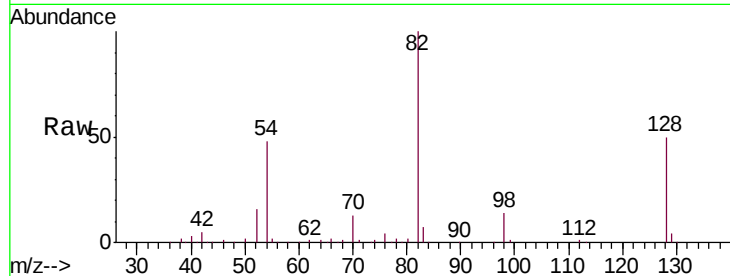
#23
 Nitrobenzene-d5
 Concen: 79.897 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	297987		
128	49.5		41.0	61.4
54	47.5		38.0	57.0

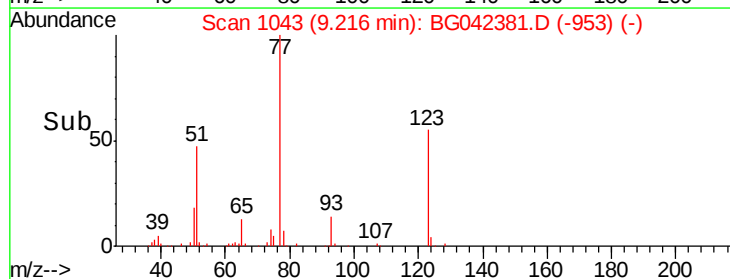
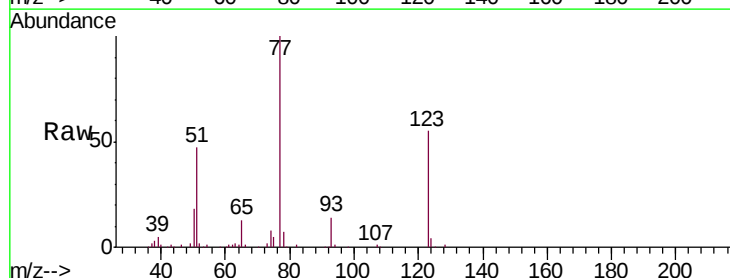
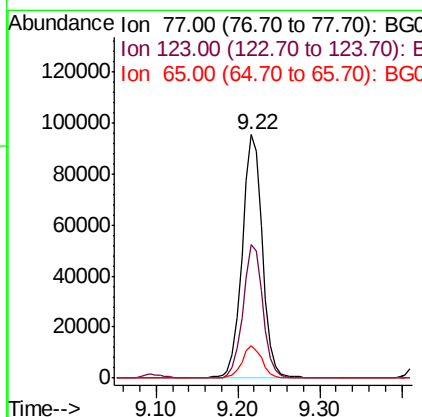
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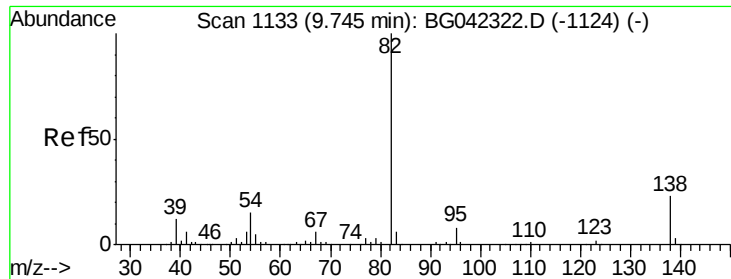
Jagrut
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#24
 Nitrobenzene
 Concen: 42.940 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	163185		
123	54.8		43.7	65.5
65	13.2		10.9	16.3





#25

Isophorone

Concen: 40.521 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

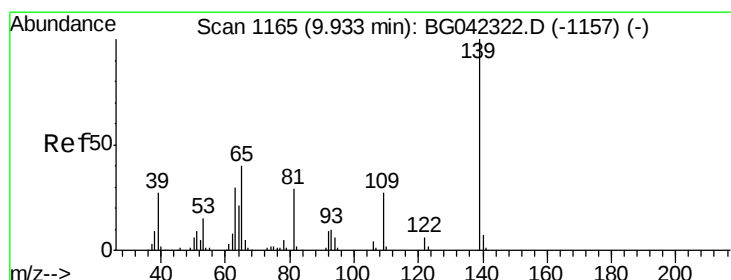
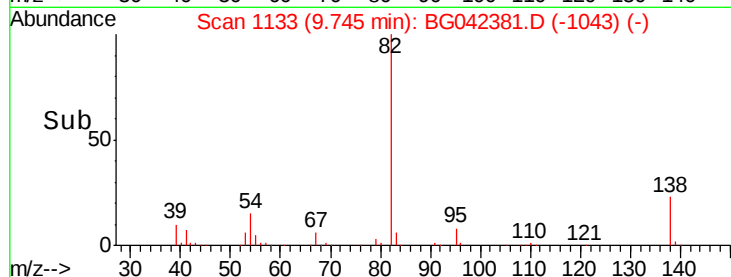
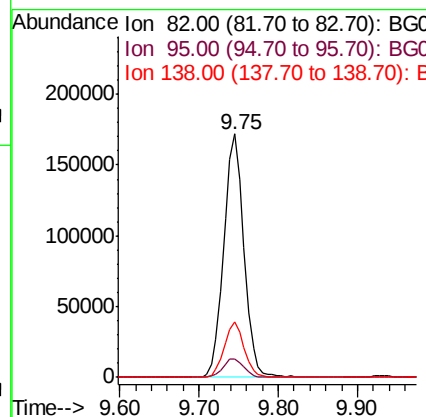
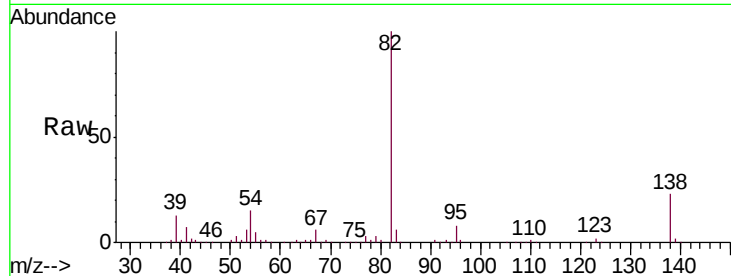
ClientSampleId :

PB122256BSD

Tot Ion:	82	Resp:	302204
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.1	9.1
138	22.8	18.2	27.2

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#26

2-Nitrophenol

Concen: 45.150 ng

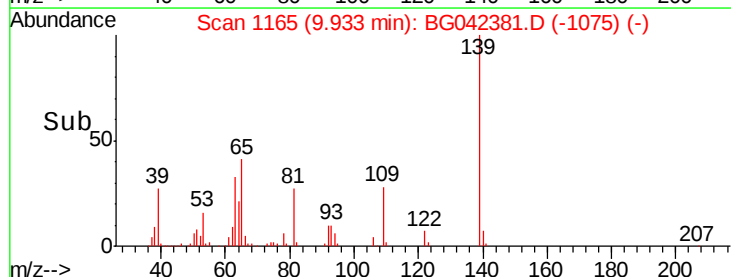
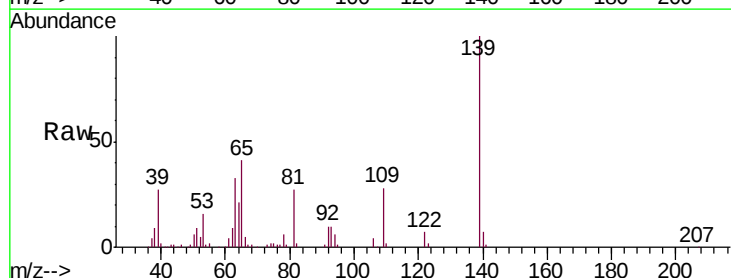
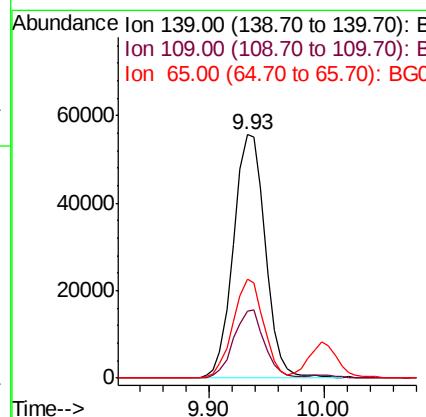
RT: 9.93 min Scan# 1165

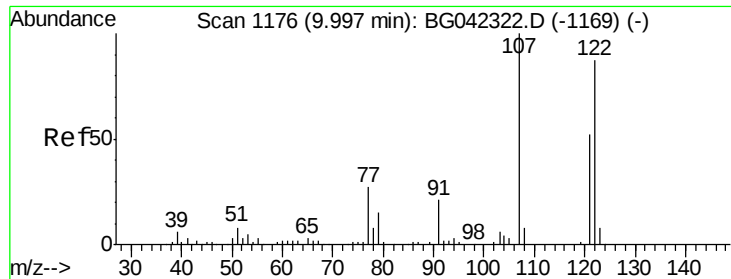
Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	139	Resp:	106665
Ion Ratio	Lower	Upper	
139	100		
109	27.7	21.4	32.2
65	40.8	31.8	47.6





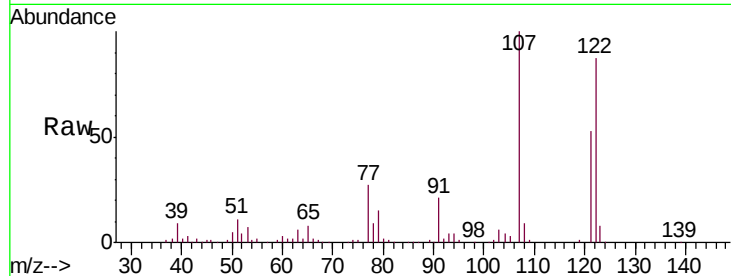
#27
 2,4-Dimethylphenol
 Concen: 48.353 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	158477		
107	115.5	91.0	136.4	
121	61.1	47.1	70.7	

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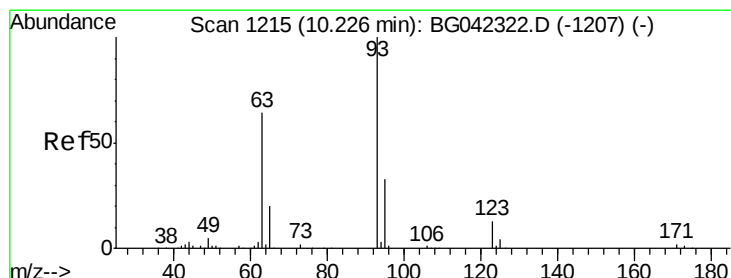
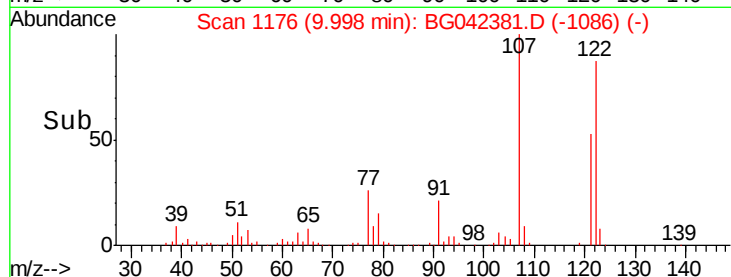
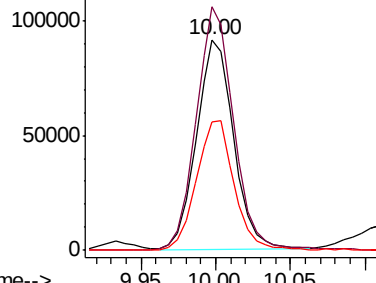


Abundance

Ion 122.00 (121.70 to 122.70): E

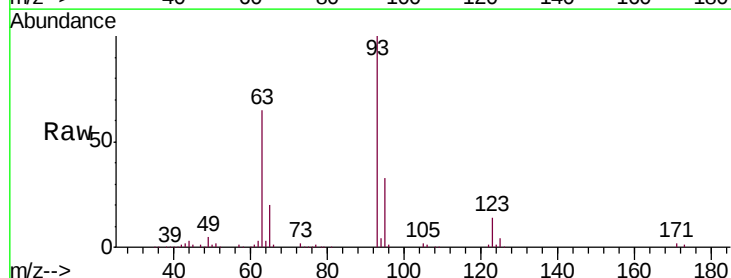
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.053 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192412		
95	33.3	26.3	39.5	
123	14.0	10.3	15.5	

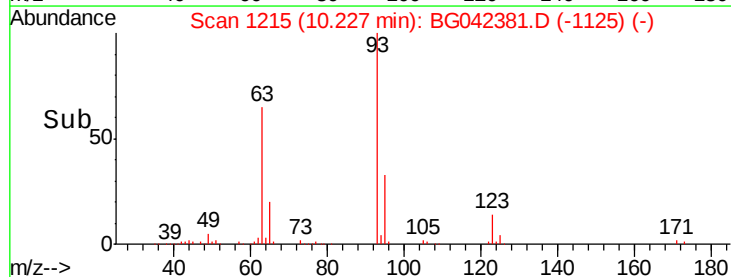
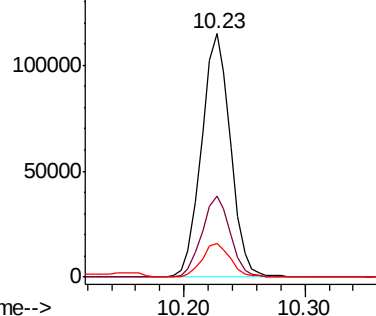


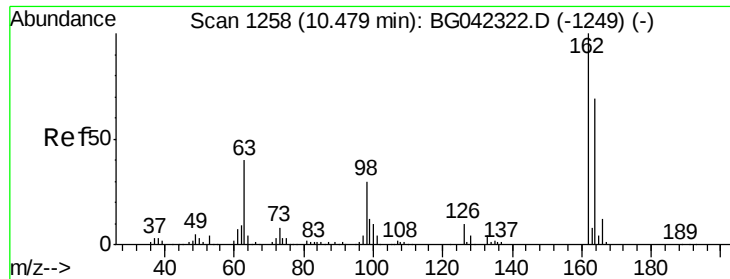
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





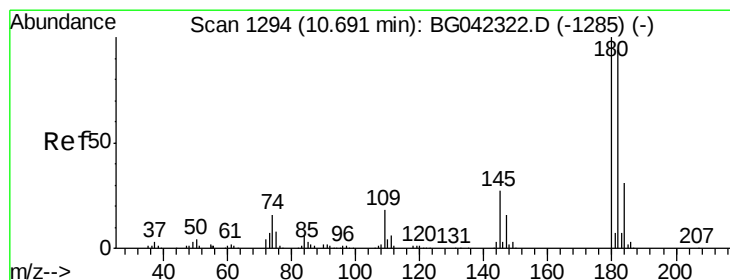
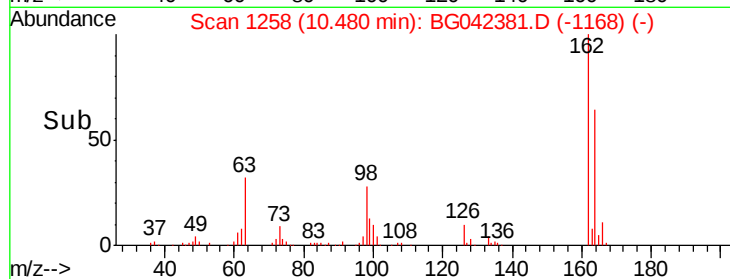
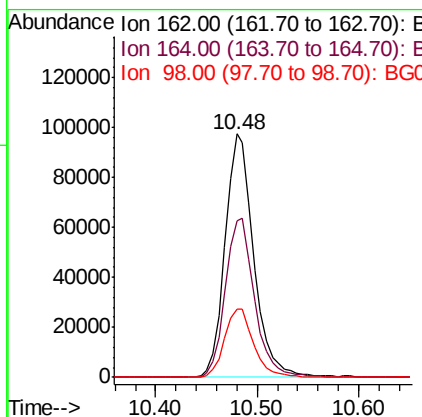
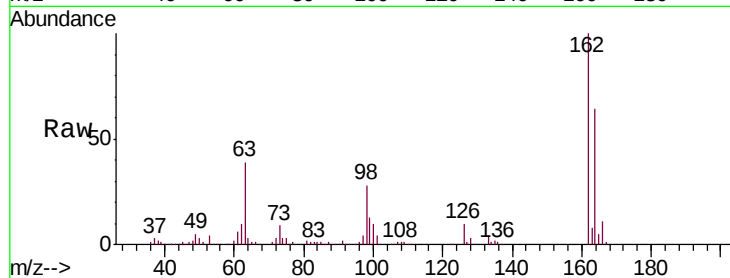
#29
 2,4-Dichlorophenol
 Concen: 43.704 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion:	162	Resp:	190452
Ion Ratio	Lower	Upper	
162	100		
164	64.4	48.6	88.6
98	28.1	9.6	49.6

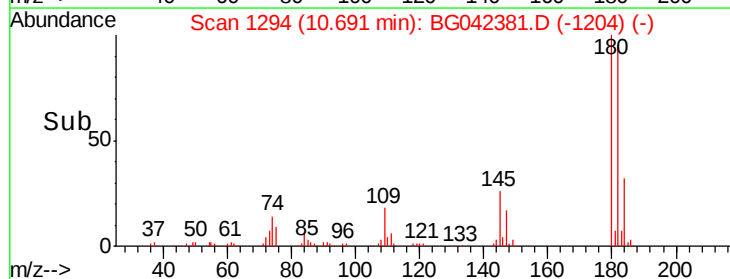
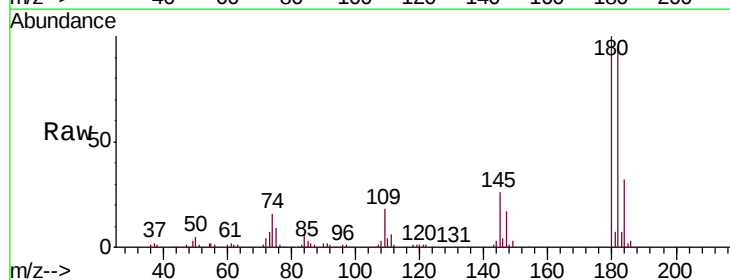
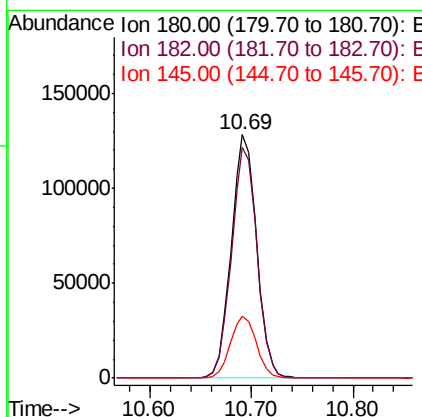
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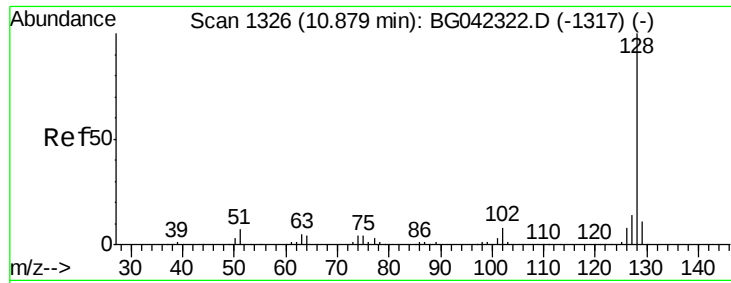
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 8/22/2019 1:58:47 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.680 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion:	180	Resp:	222020
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.1	112.7
145	25.7	21.2	31.8





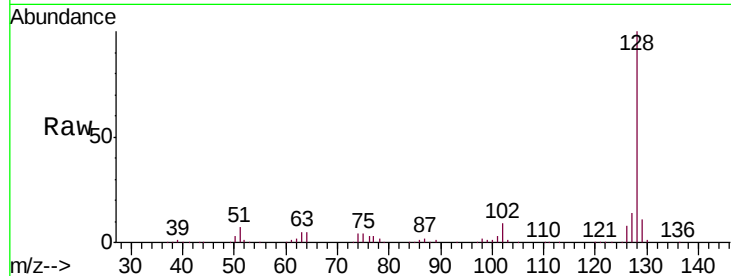
#31
Naphthalene
Concen: 42.447 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	515992		
129	11.0		8.6	13.0
127	14.0		10.8	16.2

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8/22/2019 1:58:47 PM

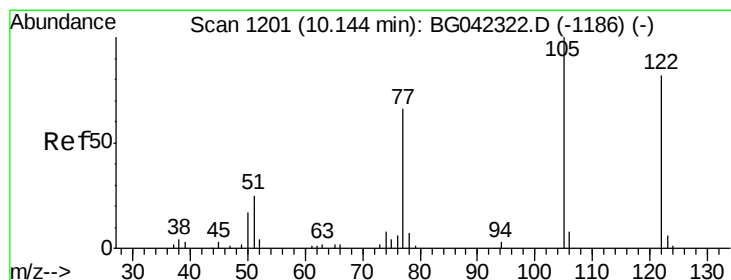
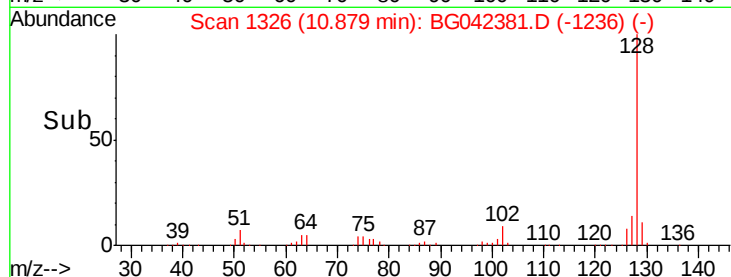
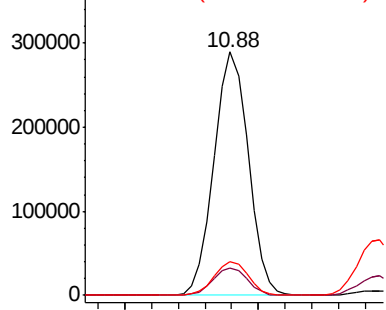


Abundance

Ion 128.00 (127.70 to 128.70): E

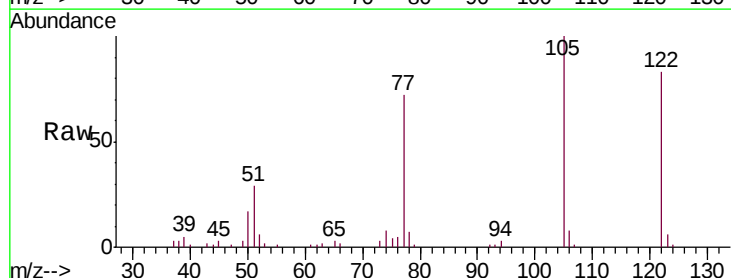
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.796 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	82498		
105	120.8		97.7	137.7
77	87.1		58.4	98.4

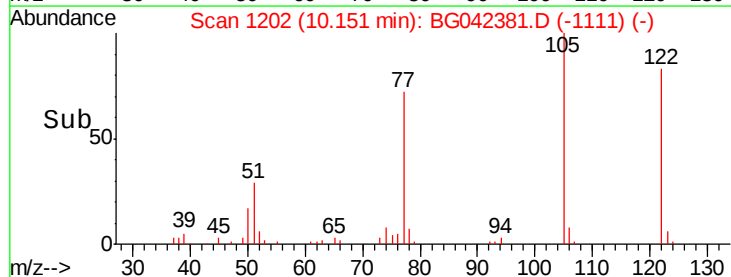
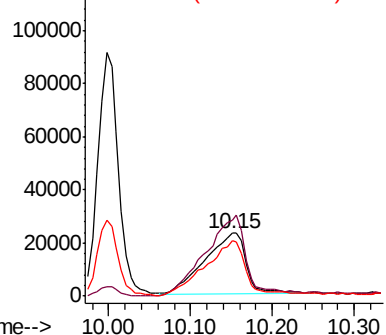


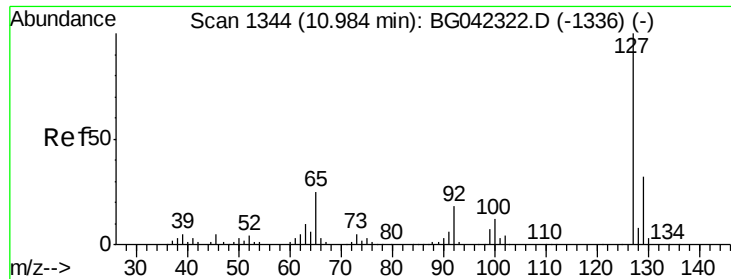
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





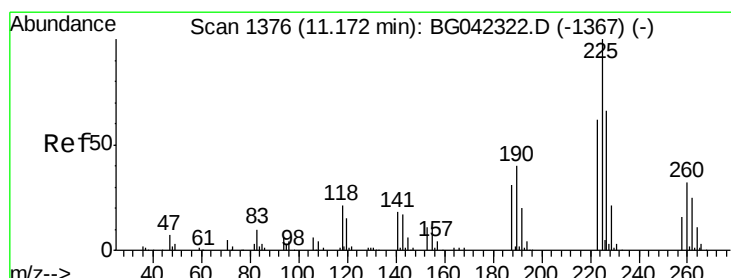
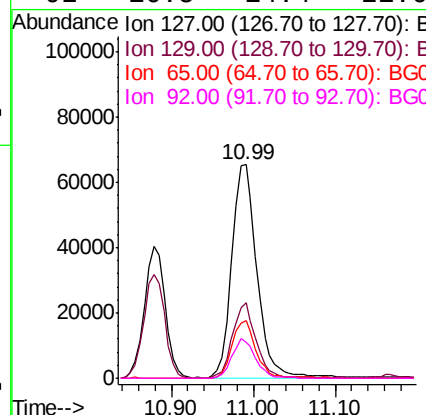
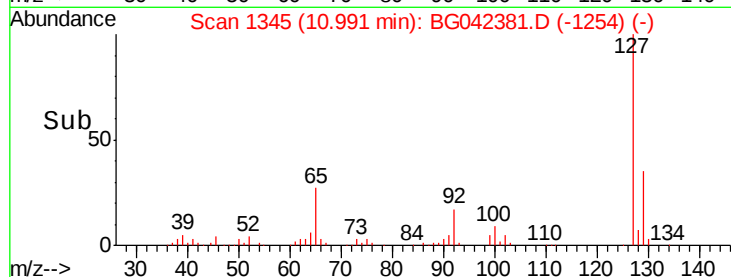
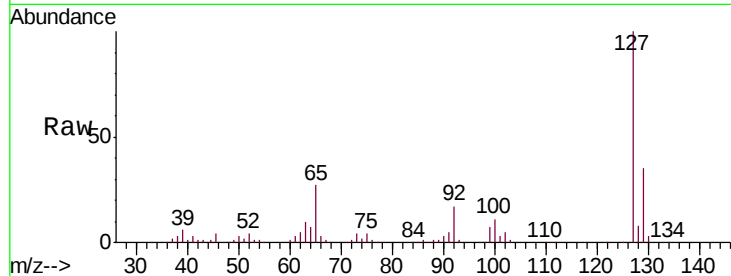
#33
4-Chloroaniline
Concen: 25.510 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampled :
PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	35.2	25.9	38.9	
65	26.7	19.8	29.8	
92	16.5	14.4	21.6	

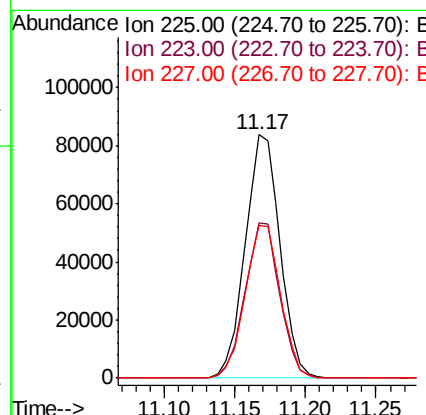
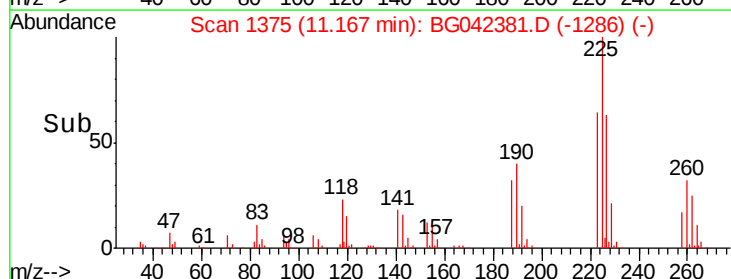
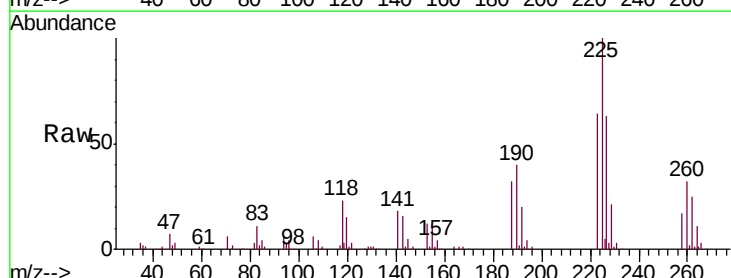
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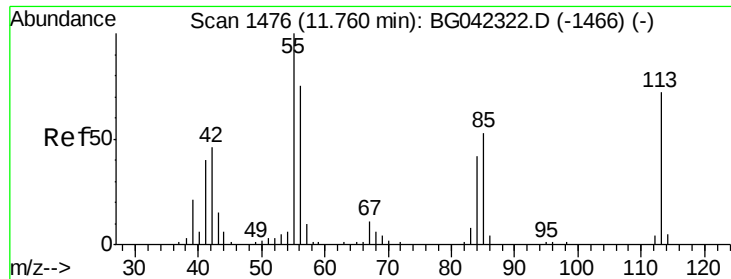
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8/22/2019 1:58:47 PM



#34
Hexachlorobutadiene
Concen: 40.467 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	49.8	74.8	
227	62.9	52.9	79.3	





#35

Caprolactam

Concen: 37.735 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

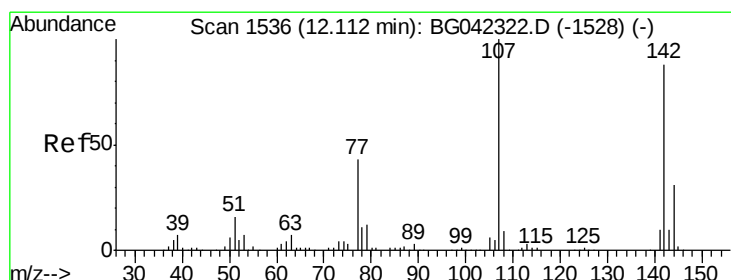
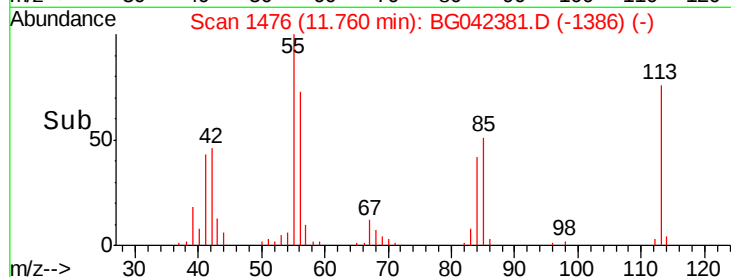
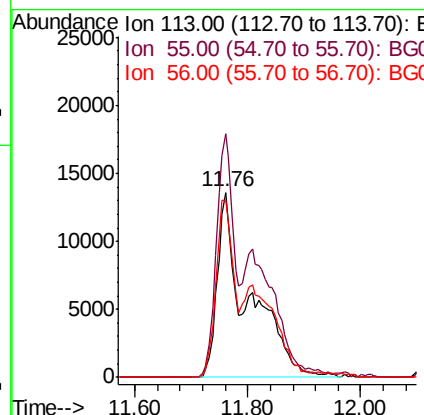
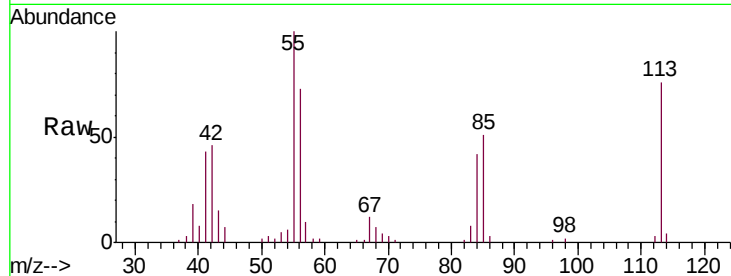
ClientSampleId :

PB122256BSD

Tot Ion:	113	Resp:	52411
Ion Ratio	Lower	Upper	
113	100		
55	131.3	119.4	159.4
56	95.6	83.9	123.9

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8/22/2019 1:58:47 PM



#36

4-Chloro-3-methylphenol

Concen: 40.777 ng/mL

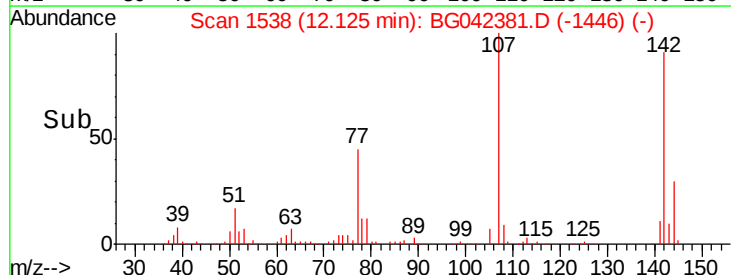
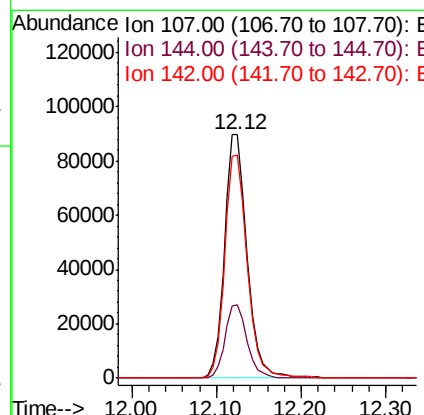
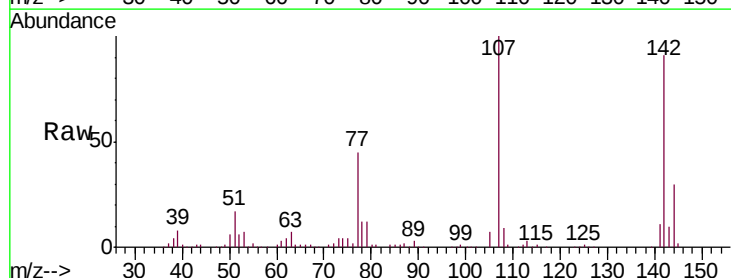
RT: 12.12 min Scan# 1538

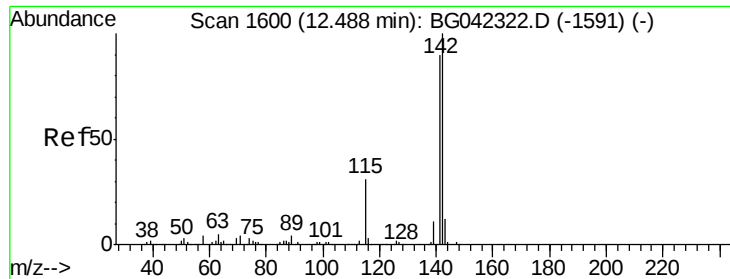
Delta R.T. 0.01 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion:	107	Resp:	166094
Ion Ratio	Lower	Upper	
107	100		
144	30.2	24.9	37.3
142	91.5	70.3	105.5





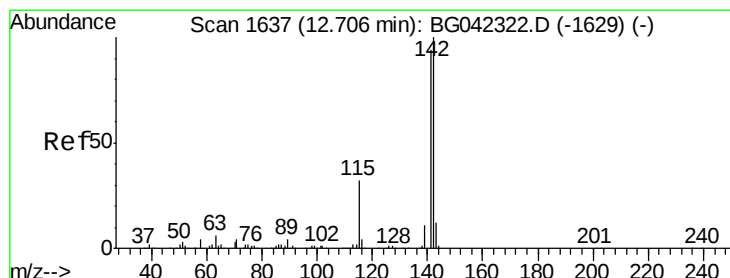
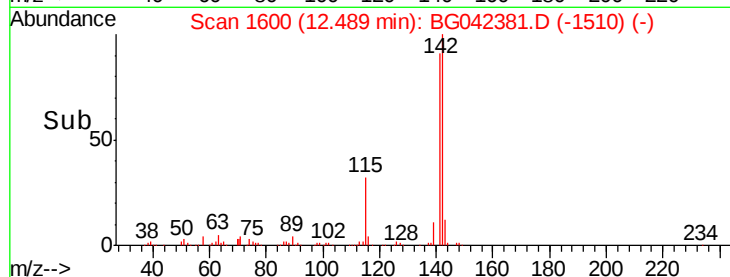
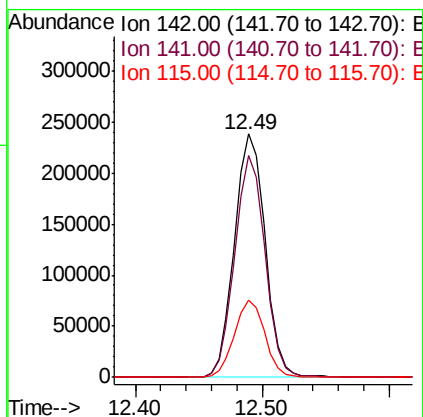
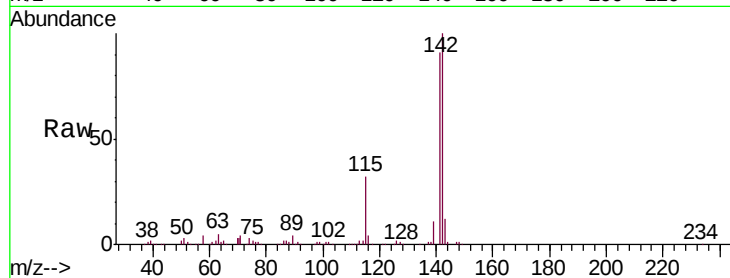
#37
2-Methylnaphthalene
Concen: 41.009 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
115	31.7	24.4	36.6

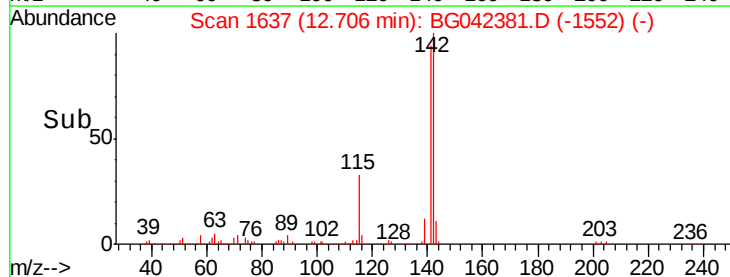
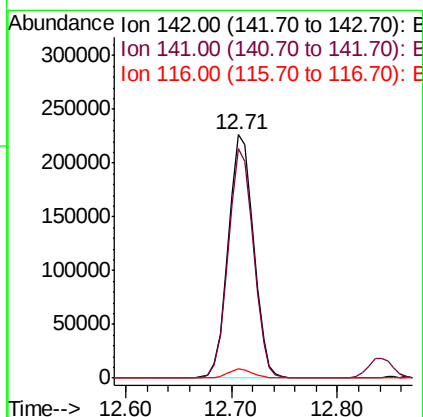
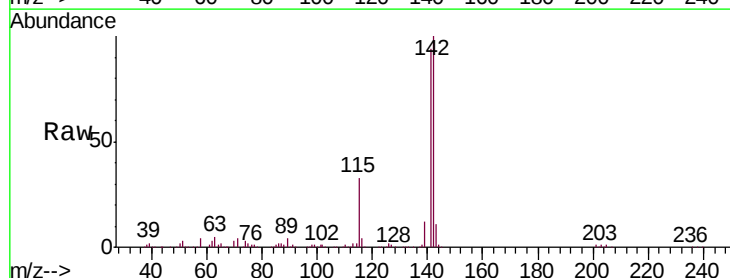
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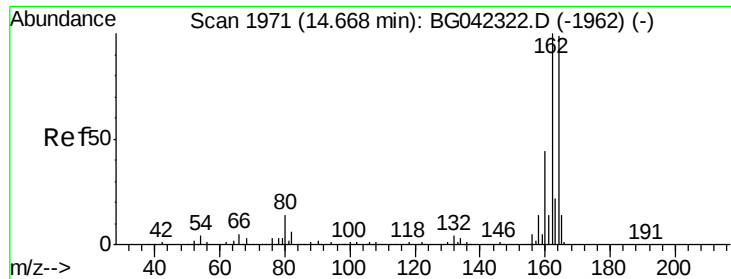
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8/22/2019 1:58:47 PM



#38
1-Methylnaphthalene
Concen: 40.350 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.1	112.7
116	3.9	3.0	4.6





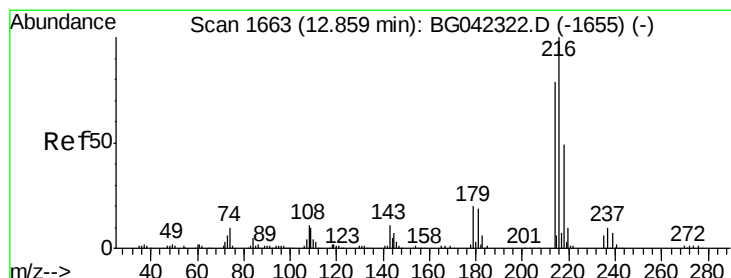
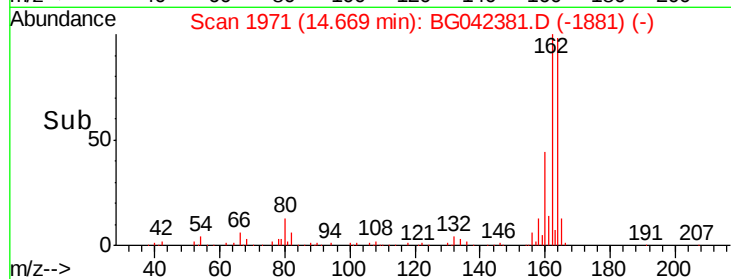
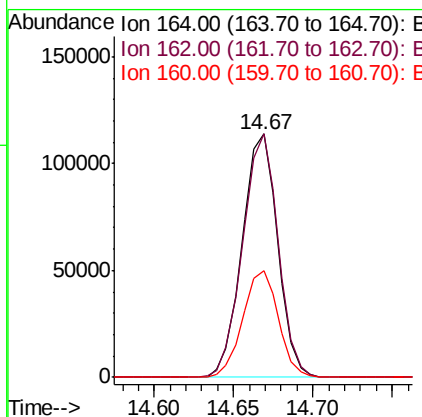
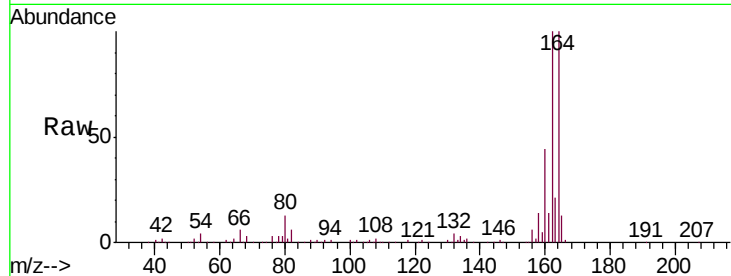
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177221		
162	99.9	80.6	120.8	
160	43.8	35.7	53.5	

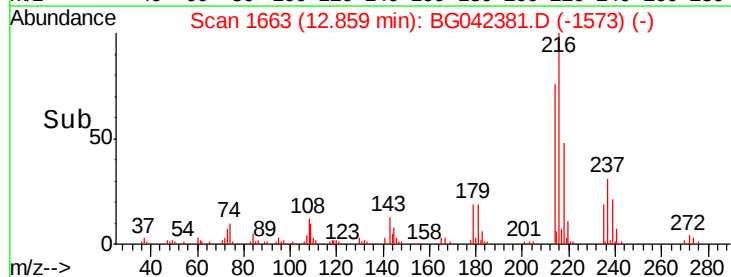
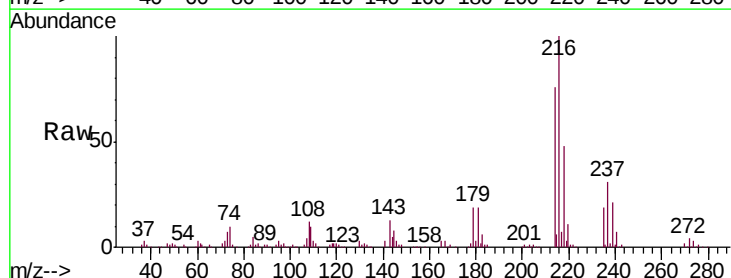
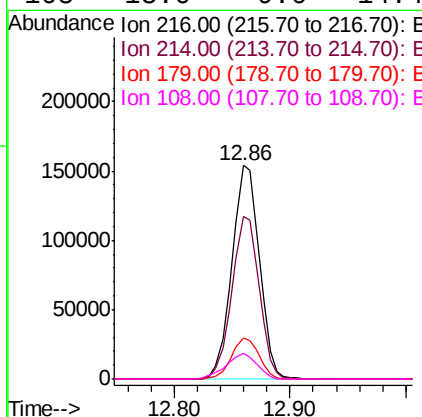
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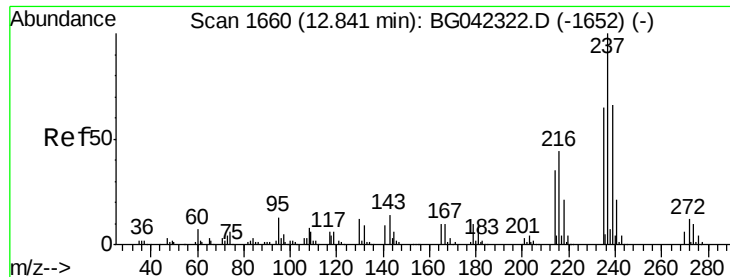
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8/22/2019 1:58:47 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.229 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	252649		
214	75.9	62.2	93.4	
179	19.1	15.3	22.9	
108	13.6	9.6	14.4	





#41

Hexachlorocyclopentadiene

Concen: 97.285 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

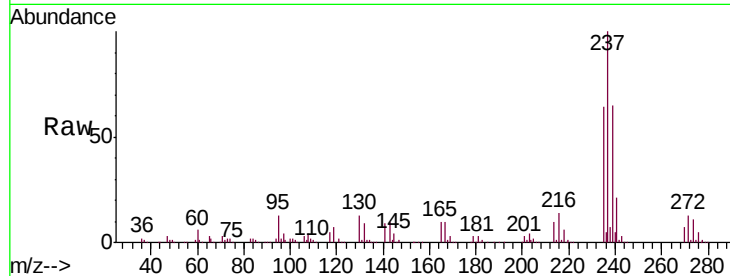
ClientSampleId :

PB122256BSD

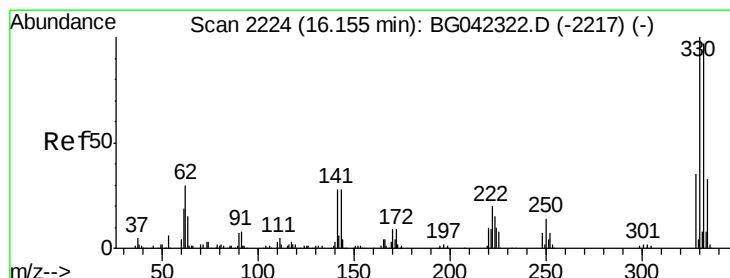
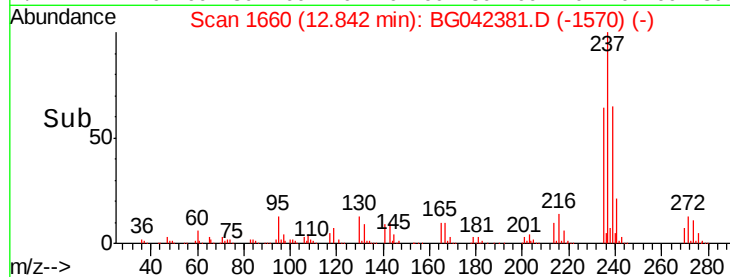
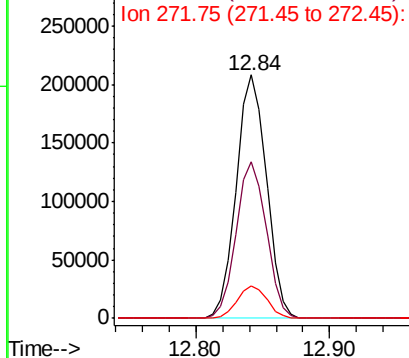
Tot Ion:	237	Resp:	325880
Ion Ratio	Lower	Upper	
237	100		
235	64.3	45.1	85.1
272	13.3	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 111.789 ng

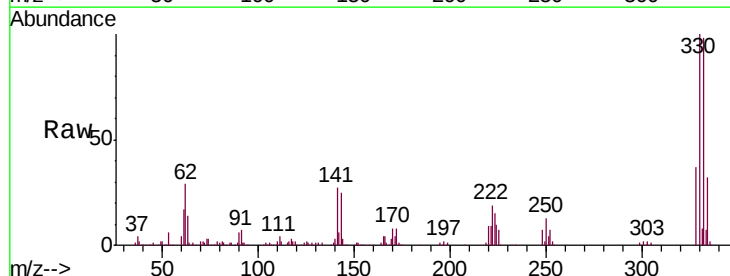
RT: 16.16 min Scan# 2225

Delta R.T. 0.01 min

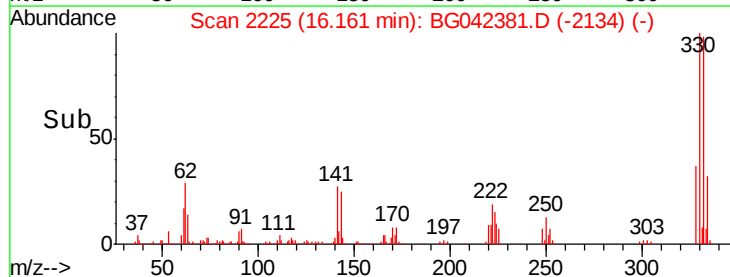
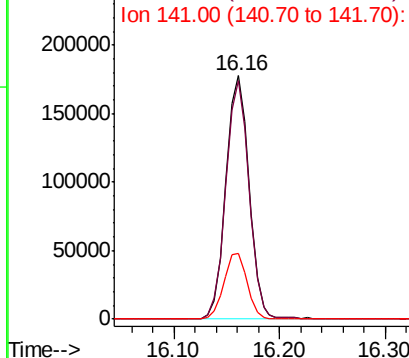
Lab File: BG042381.D

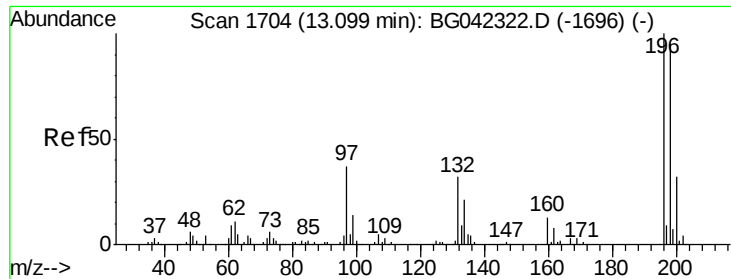
Acq: 21 Aug 2019 13:33

Tgt Ion:	330	Resp:	269827
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.9	115.3
141	27.3	21.8	32.6



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





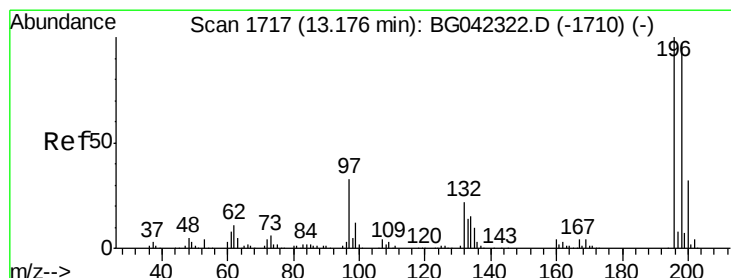
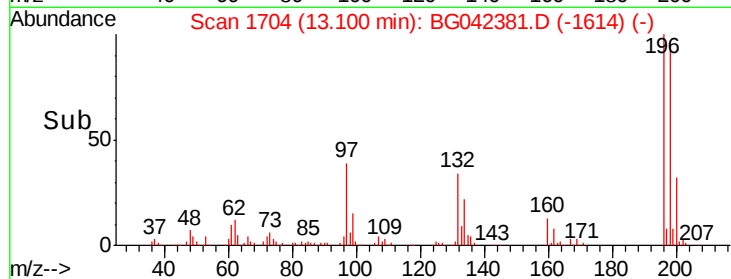
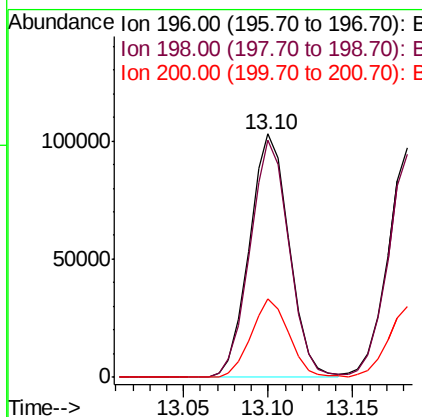
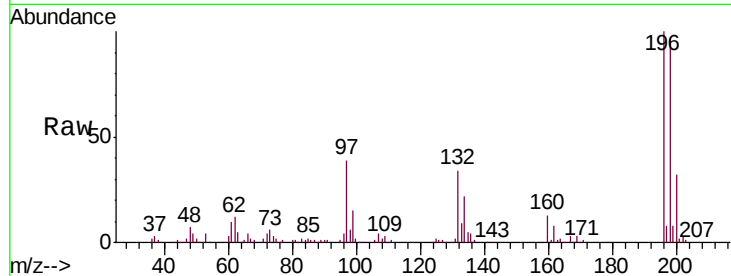
#43
 2,4,6-Trichlorophenol
 Concen: 43.814 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167516		
198	97.5	75.9	113.9	
200	32.3	25.5	38.3	

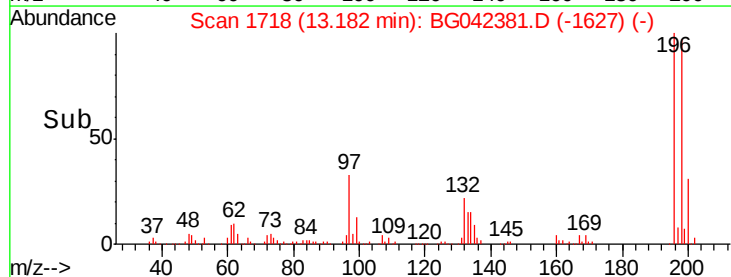
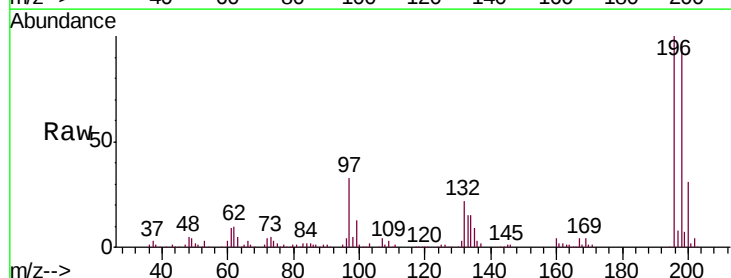
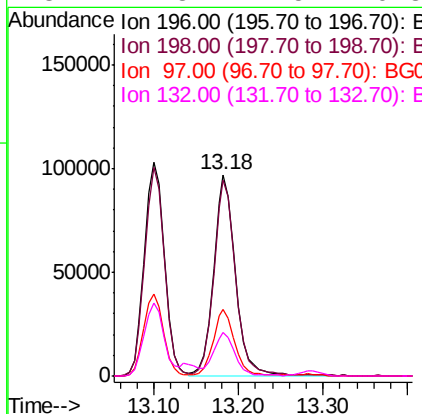
Manual Integrations
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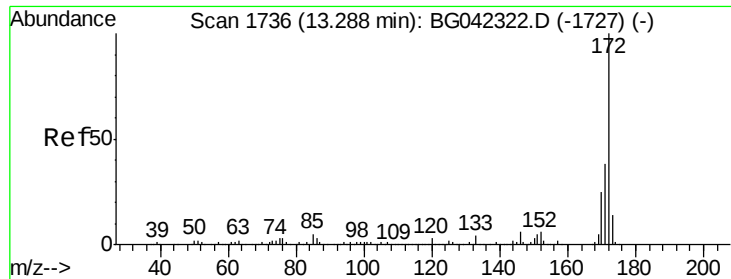
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#44
 2,4,5-Trichlorophenol
 Concen: 44.492 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	175204		
198	97.2	77.4	116.2	
97	33.2	26.5	39.7	
132	21.8	17.5	26.3	





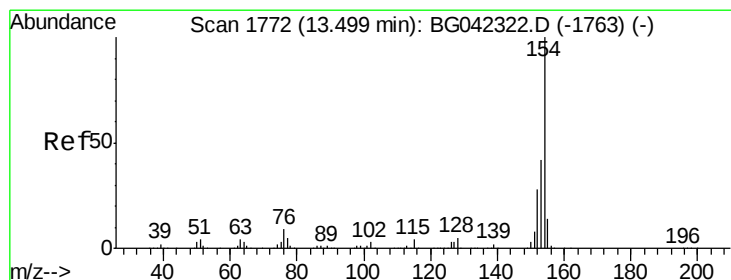
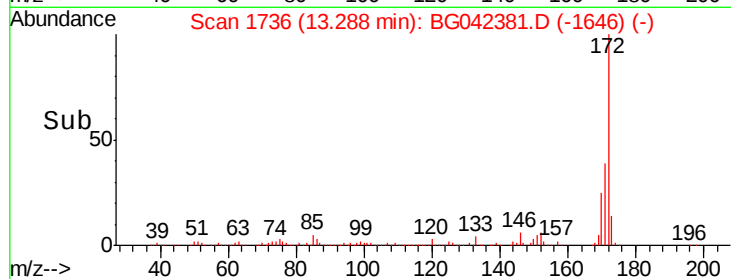
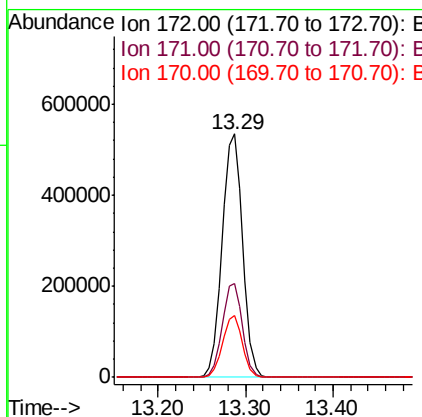
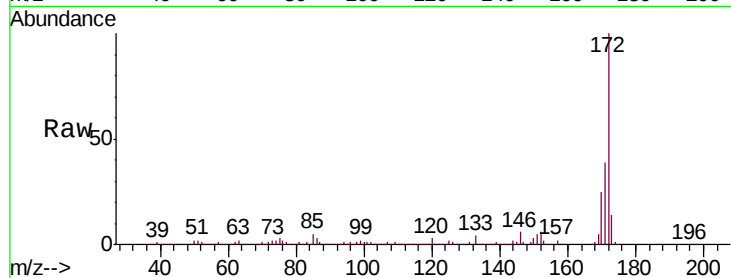
#45
2-Fluorobiphenyl
Concen: 82.660 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.3	45.5
170	25.3	20.0	30.0

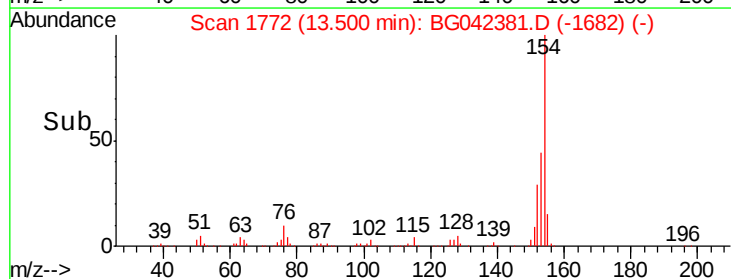
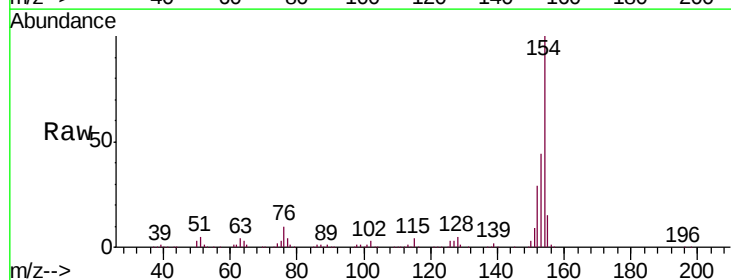
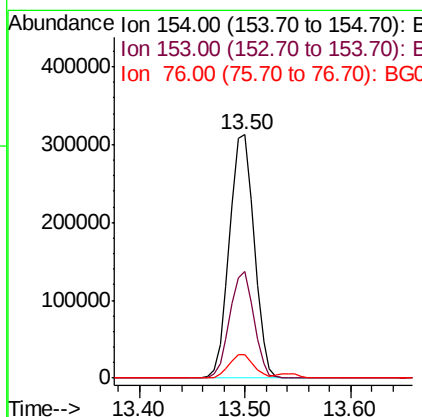
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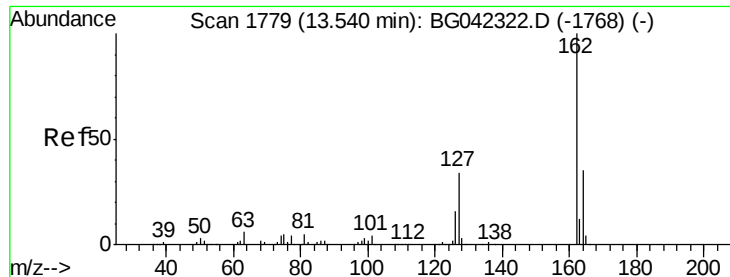
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#46
1,1'-Biphenyl
Concen: 43.665 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.9	61.9
76	9.7	0.0	29.3





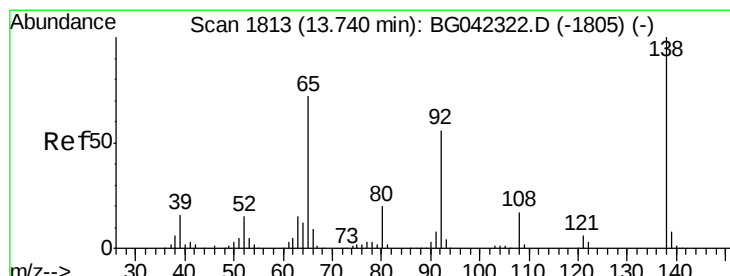
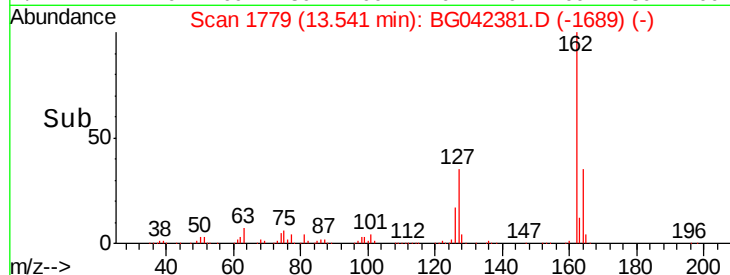
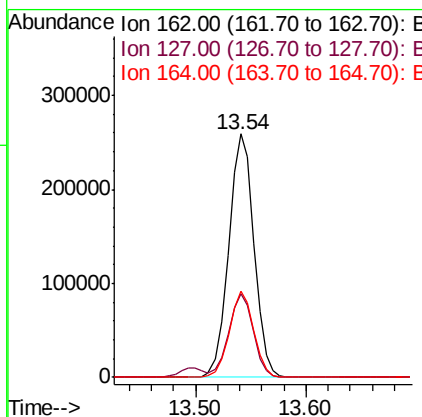
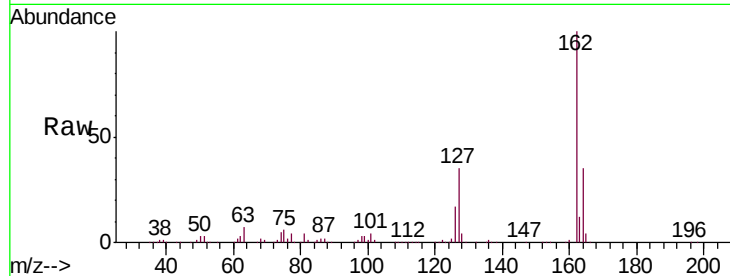
#47
2-Chloronaphthalene
Concen: 42.040 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.6	27.2	40.8
164	35.4	27.8	41.8

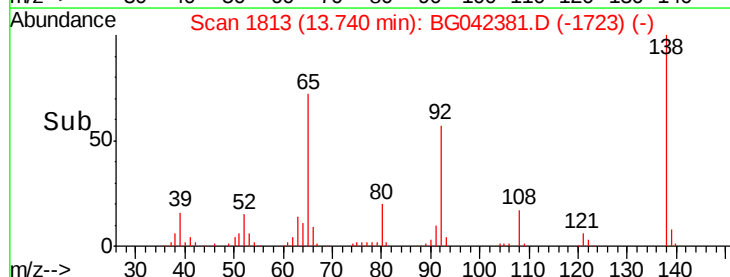
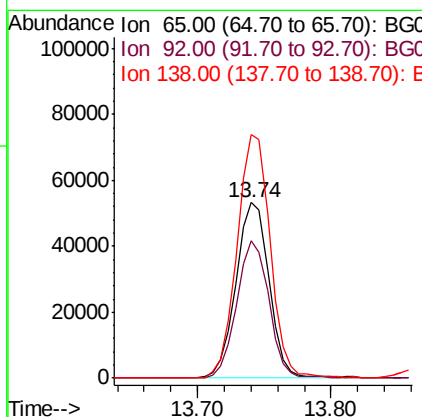
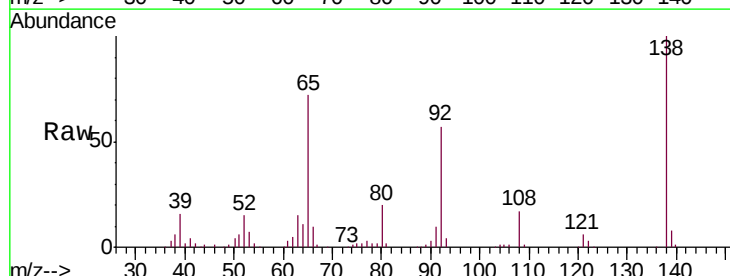
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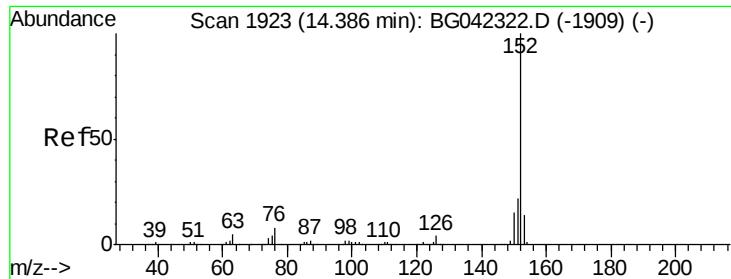
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#48
2-Nitroaniline
Concen: 39.291 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.6	62.6	94.0
138	138.8	111.5	167.3





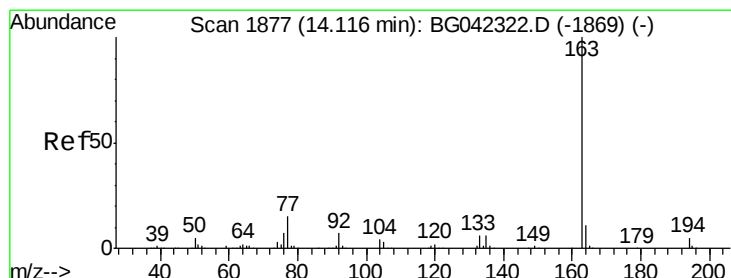
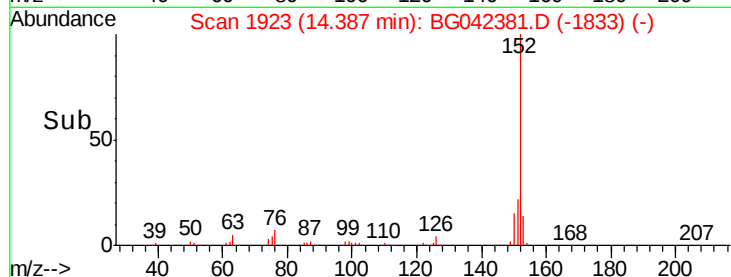
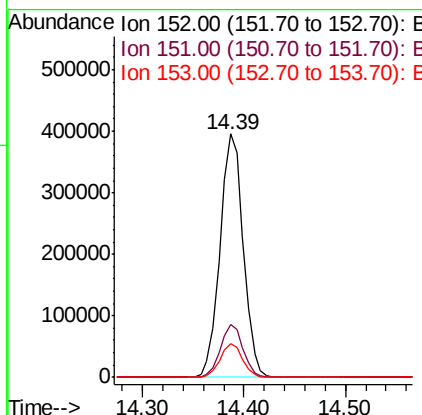
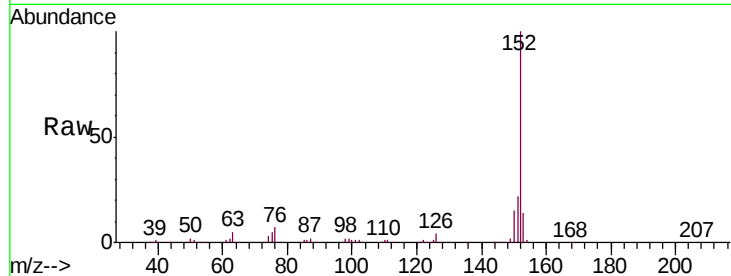
#49
Acenaphthylene
Concen: 42.221 ng
RT: 14.39 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampled :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.3	25.9
153	14.0	11.5	17.3

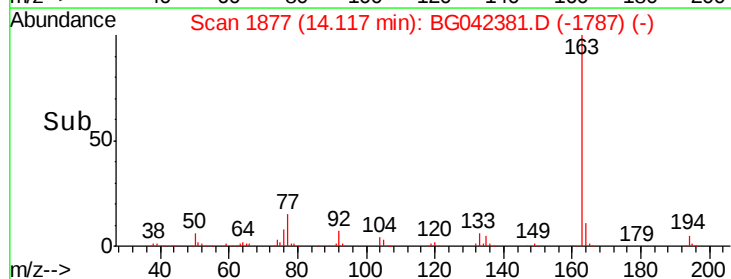
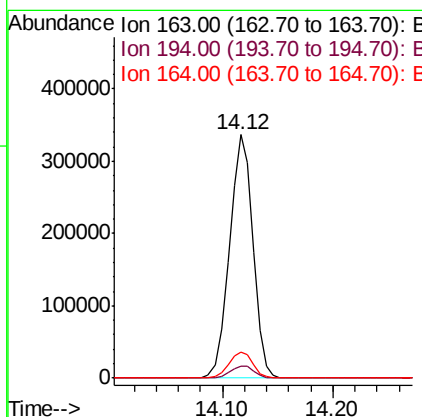
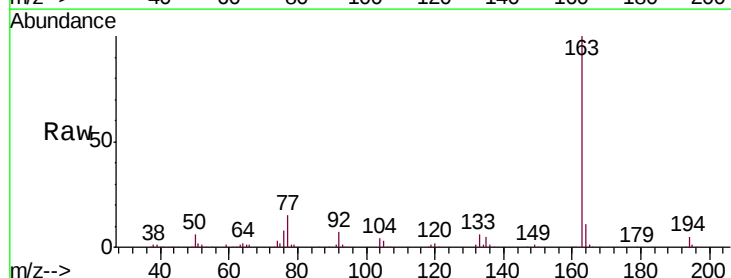
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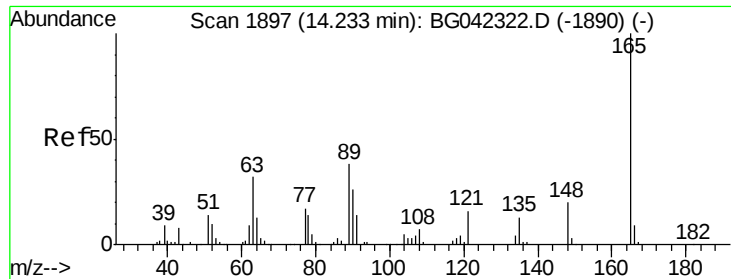
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#50
Dimethylphthalate
Concen: 39.701 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.8	8.8	13.2





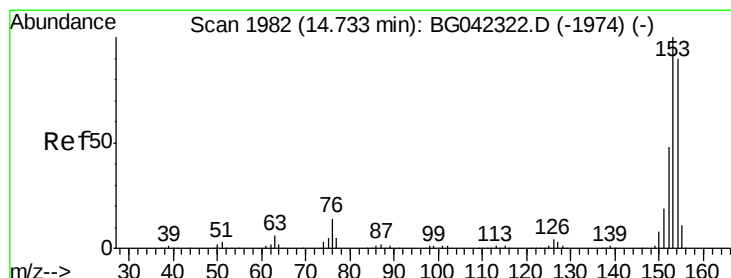
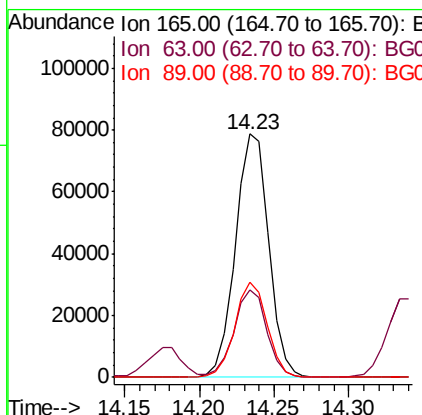
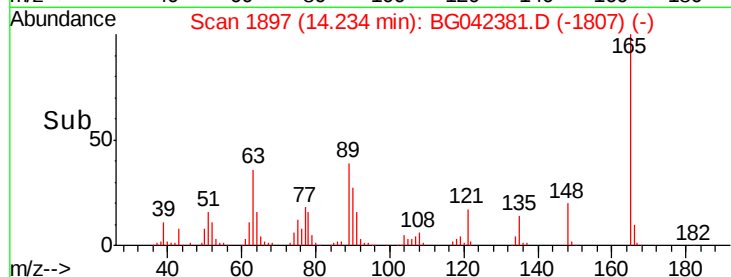
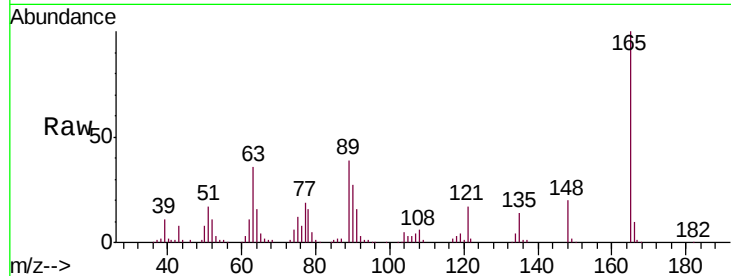
#51
 2,6-Dinitrotoluene
 Concen: 41.267 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	121624		
63	36.1	28.2	42.2	
89	39.0	30.0	45.0	

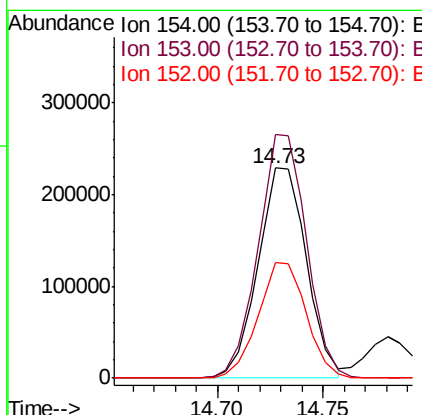
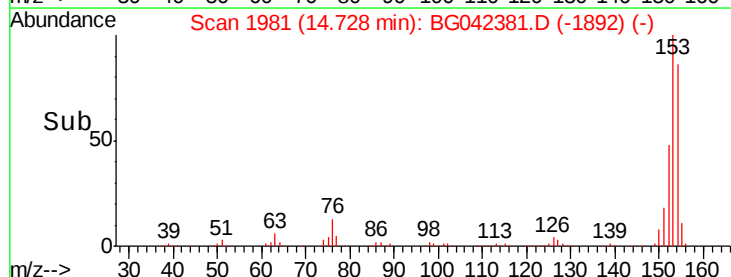
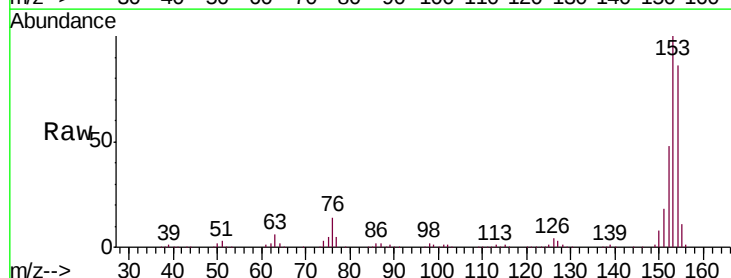
Manual Integrations
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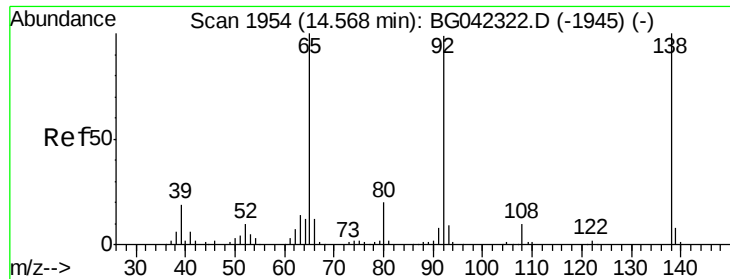
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#52
 Acenaphthene
 Concen: 40.430 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	365466		
153	115.9	89.4	134.0	
152	55.2	43.1	64.7	





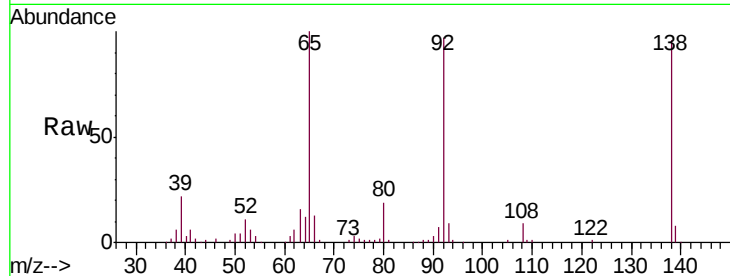
#53
 3-Nitroaniline
 Concen: 28.093 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

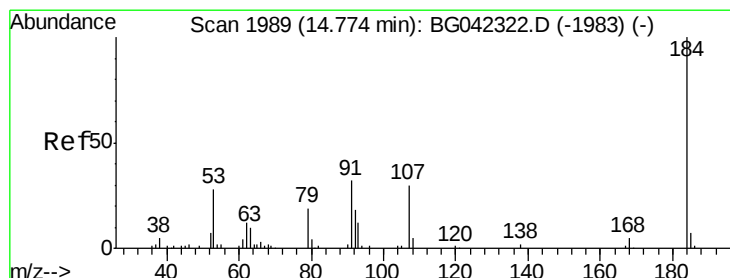
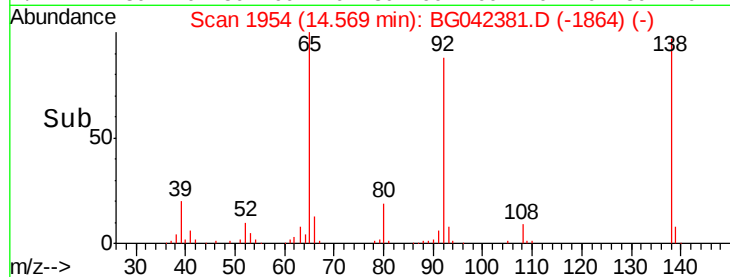
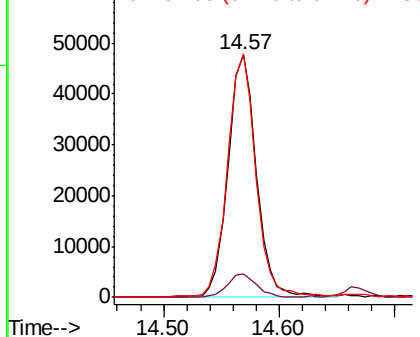
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	100.3	79.8	119.8

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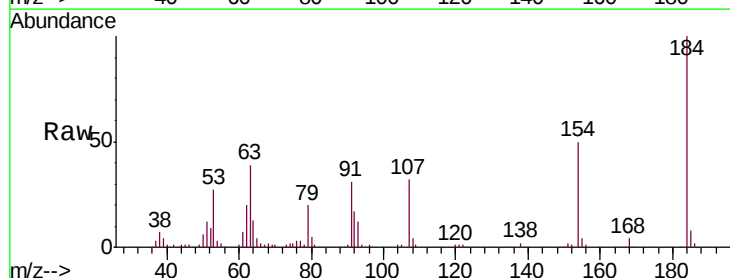


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

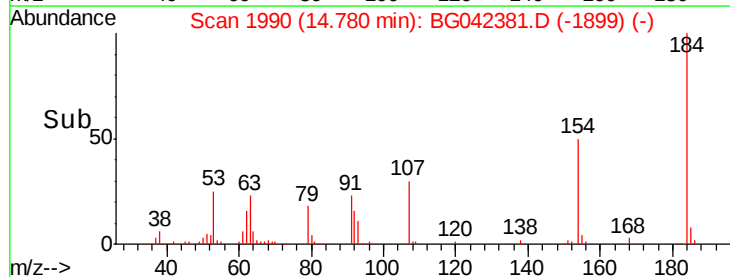
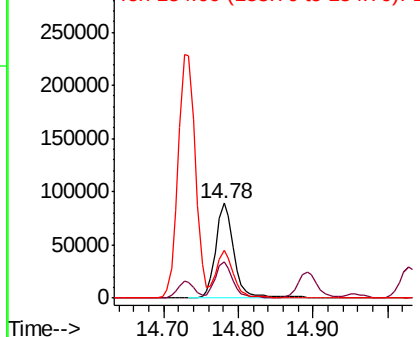


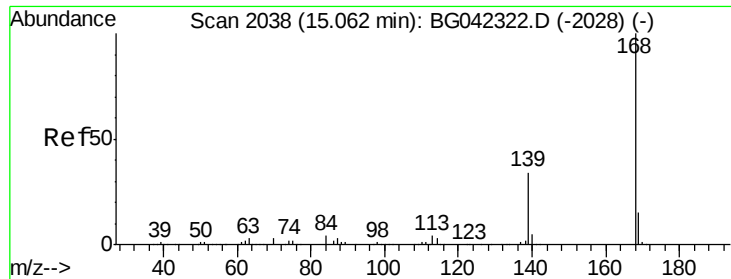
#54
 2,4-Dinitrophenol
 Concen: 80.359 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.5	30.2	45.4
154	50.0	39.7	59.5



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





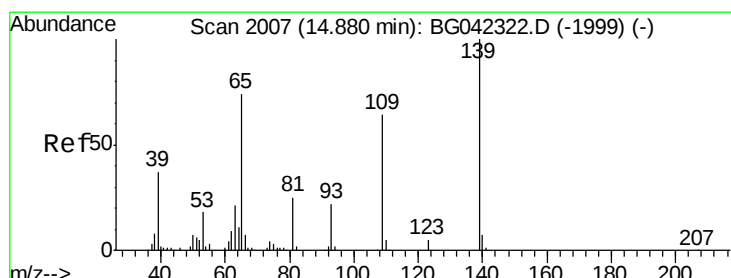
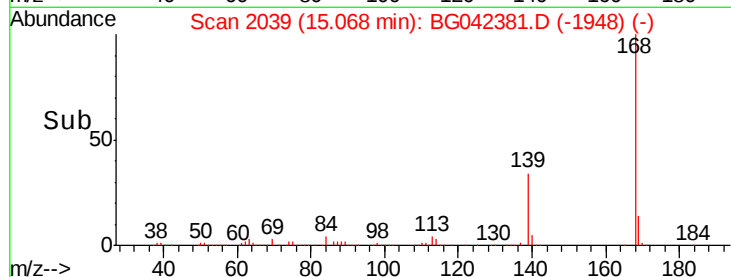
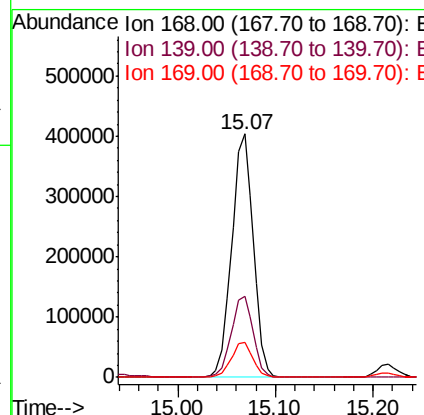
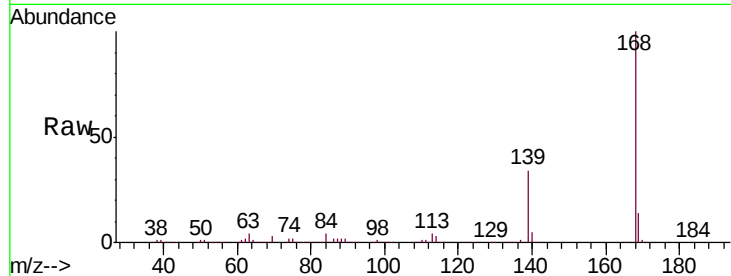
#55
Dibenzenofuran
Concen: 41.966 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.5	27.6	41.4
169	14.3	11.7	17.5

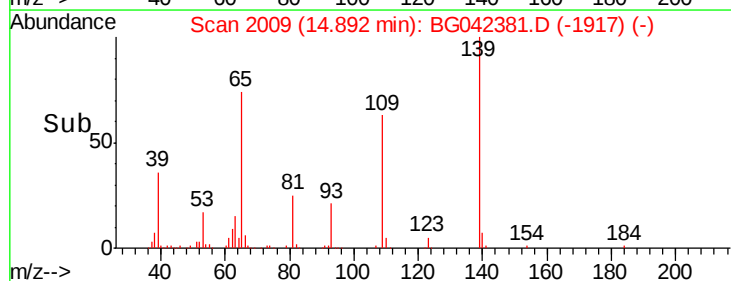
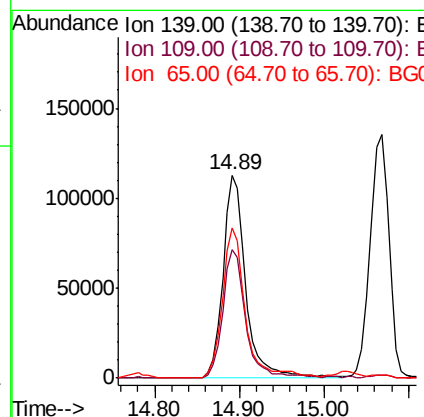
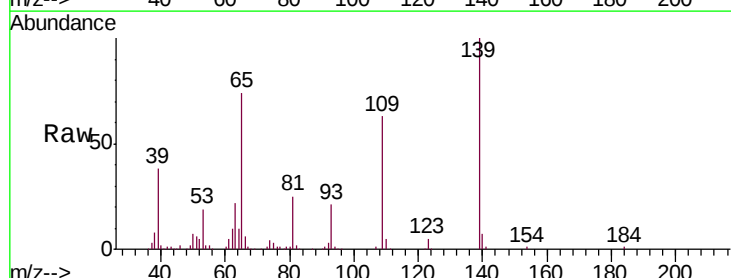
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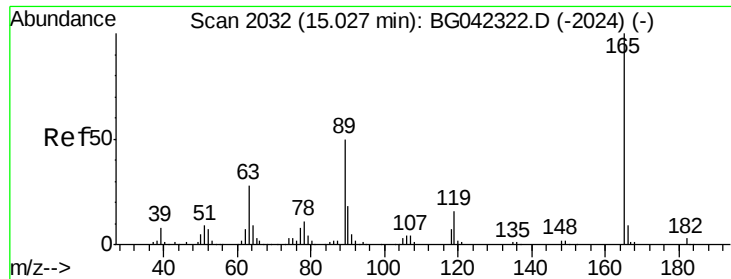
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#56
4-Nitrophenol
Concen: 101.025 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.0	44.0	84.0
65	74.1	54.5	94.5





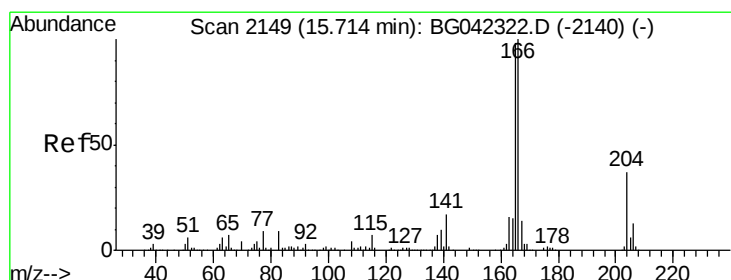
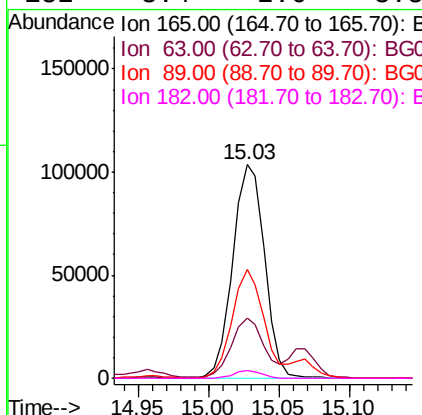
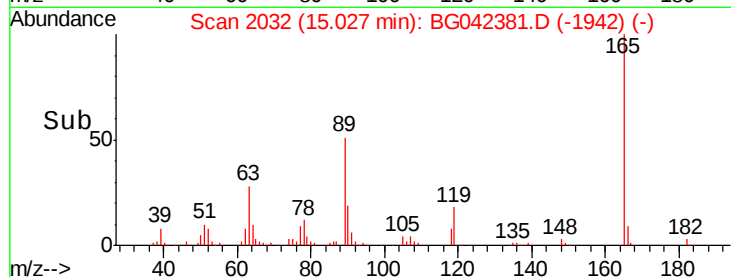
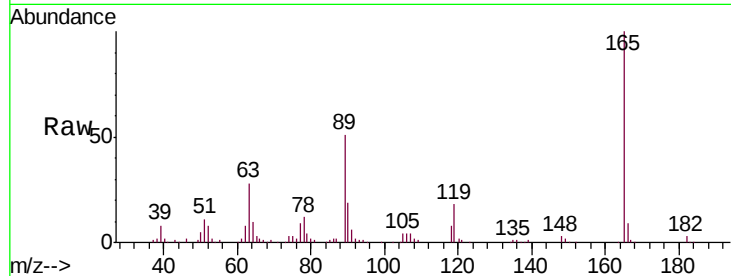
#57
2,4-Dinitrotoluene
Concen: 39.404 ng
RT: 15.03 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		162370		
63	28.4		22.4	33.6	
89	51.2		40.2	60.2	
182	3.4		2.6	3.8	

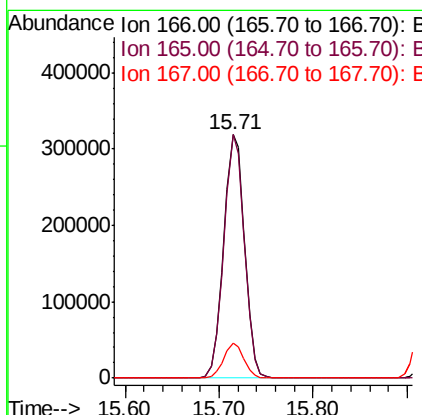
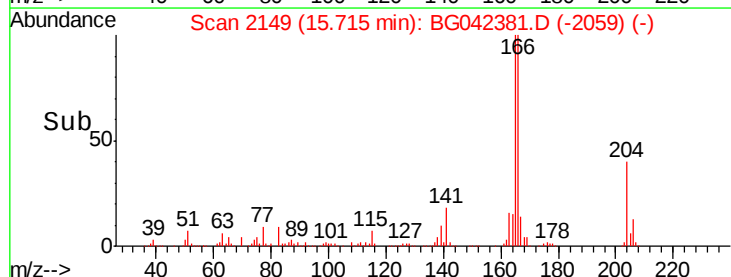
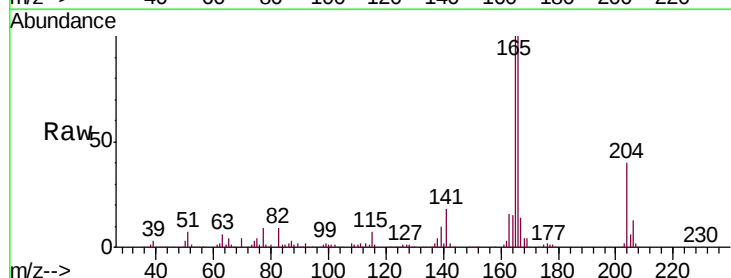
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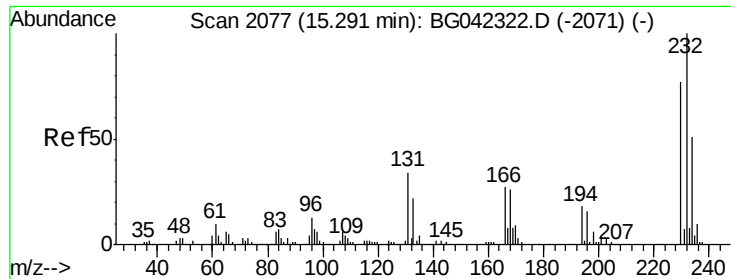
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8/22/2019 1:58:47 PM



#58
Fluorene
Concen: 41.102 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		492310		
165	100.1		78.7	118.1	
167	14.4		11.1	16.7	





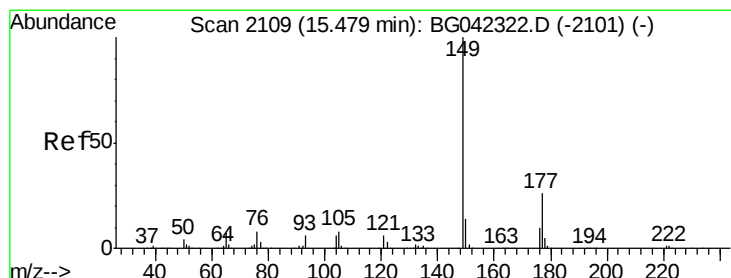
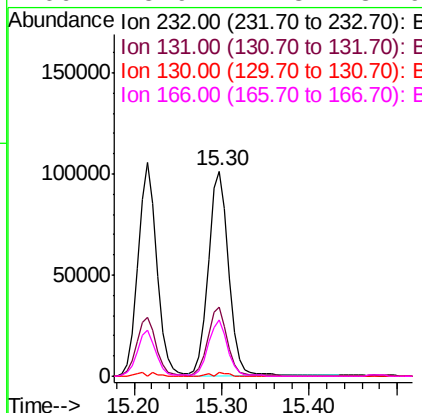
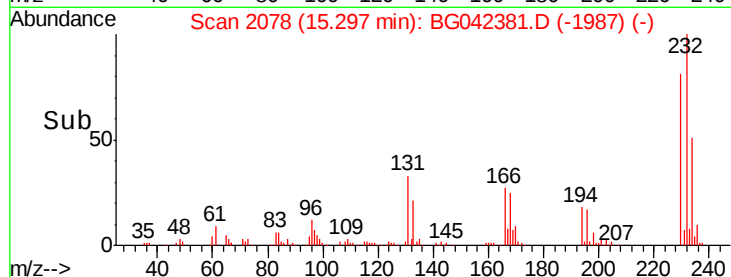
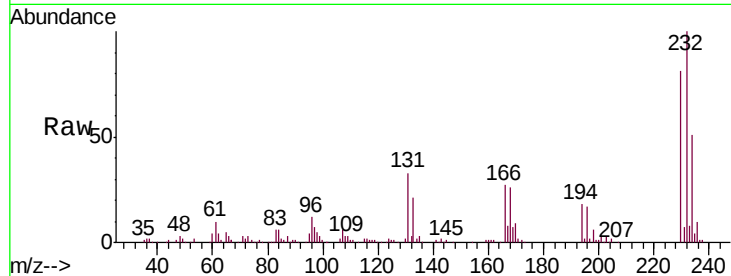
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.728 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	163411		
131	31.5	27.0	40.6	
130	1.0	1.4	2.0	
166	25.9	21.3	31.9	

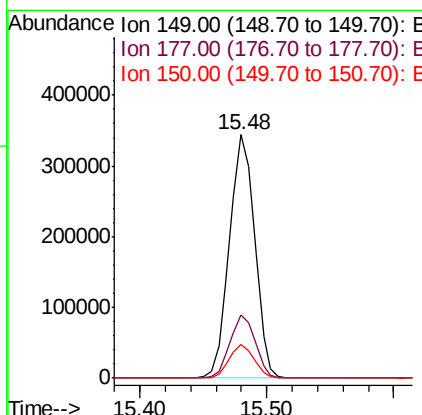
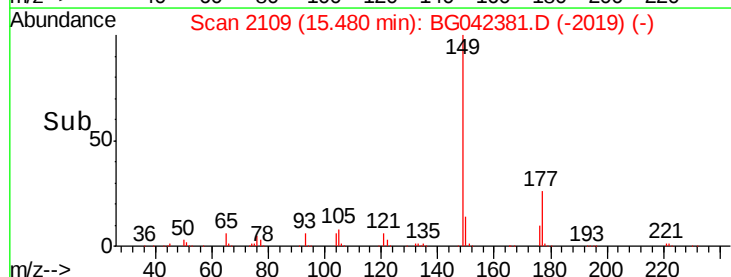
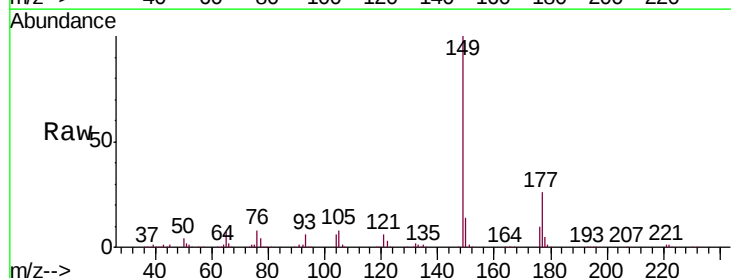
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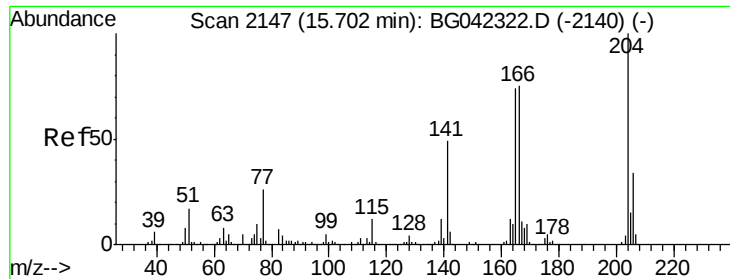
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 8/22/2019 1:58:47 PM



#60
 Diethylphthalate
 Concen: 38.920 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	474170		
177	25.8	20.7	31.1	
150	13.7	11.0	16.4	





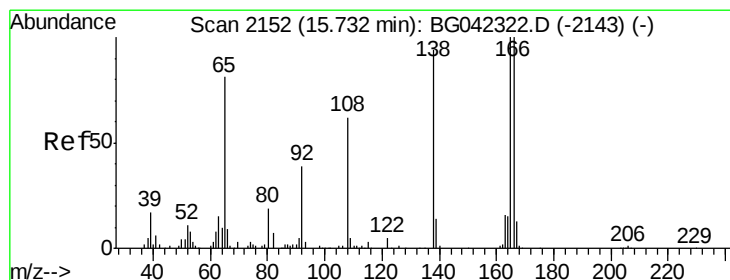
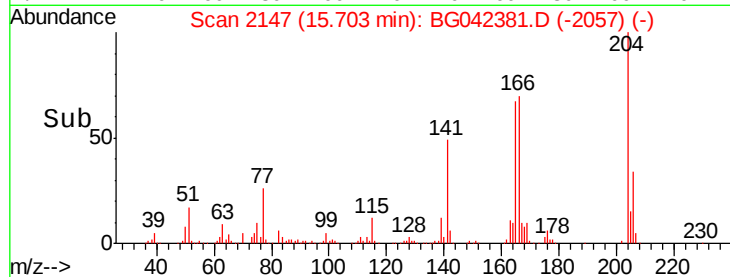
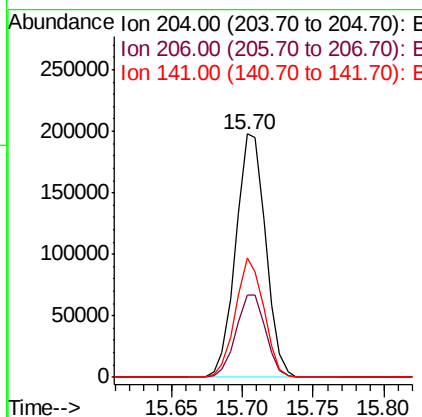
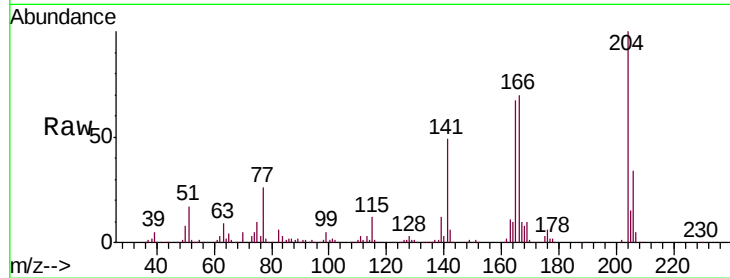
#61
 4-Chlorophenyl-phenylether
 Concen: 40.545 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleID :
 PB122256BSD

Tot Ion:	204	Resp:	291633
Ion Ratio	Lower	Upper	
204	100		
206	34.1	27.5	41.3
141	49.3	38.8	58.2

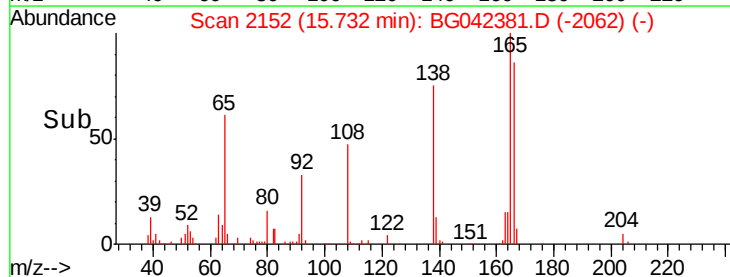
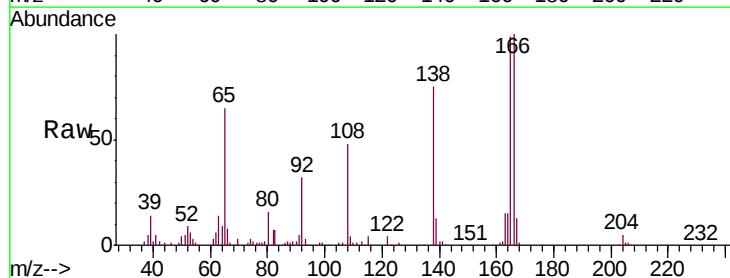
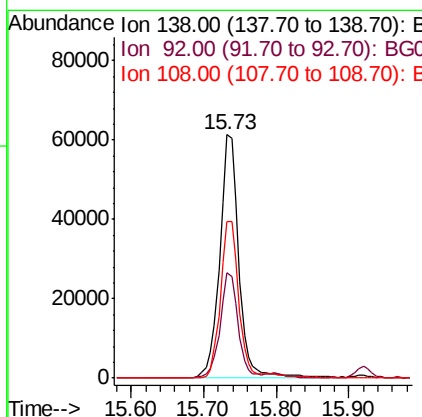
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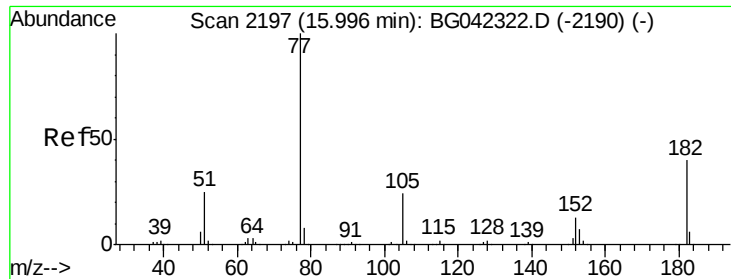
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 8/22/2019 1:58:47 PM



#62
 4-Nitroaniline
 Concen: 36.866 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion:	138	Resp:	112897
Ion Ratio	Lower	Upper	
138	100		
92	43.4	21.5	61.5
108	64.5	45.7	85.7





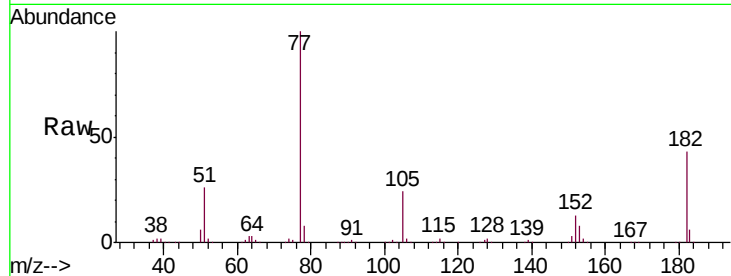
#63
Azobenzene
Concen: 40.074 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	42.8	19.7	59.7
105	23.8	3.5	43.5
51	26.4	5.4	45.4

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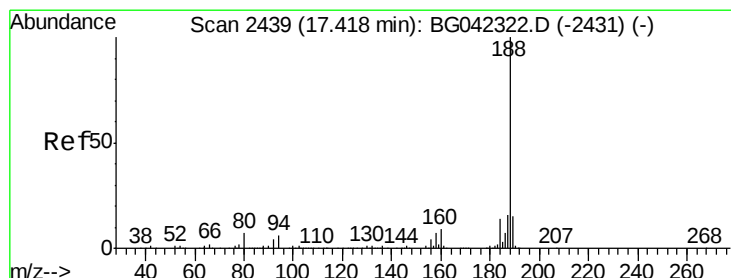
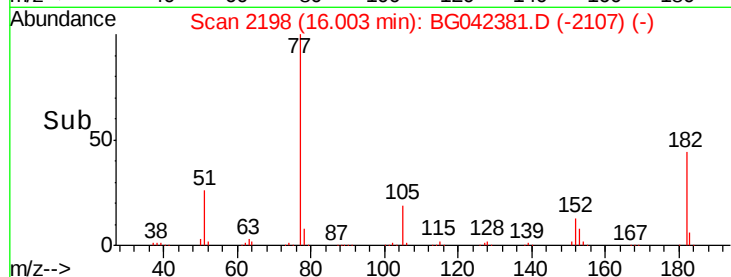
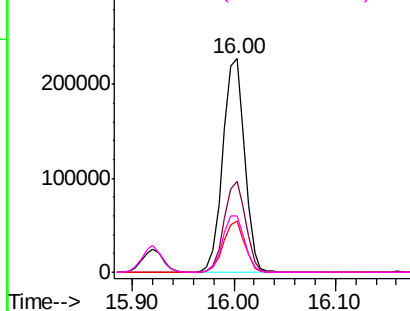
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

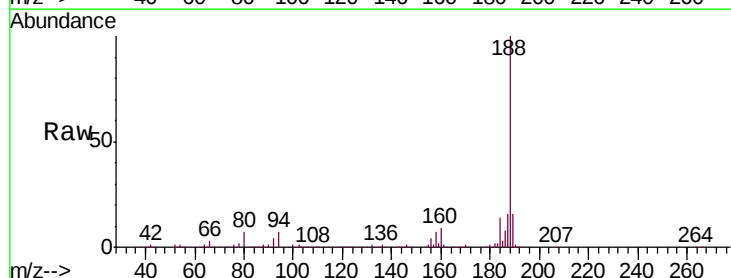
Ion 105.00 (104.70 to 105.70): BGC

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: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.9	7.3
80	6.7	5.4	8.0

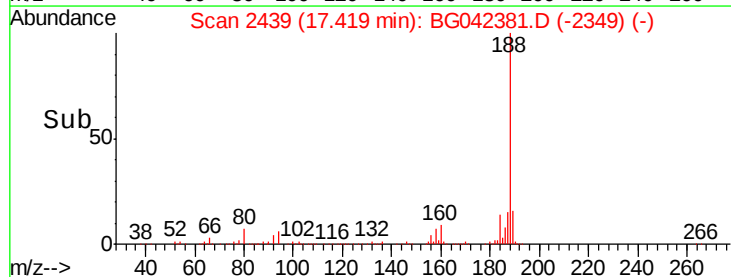
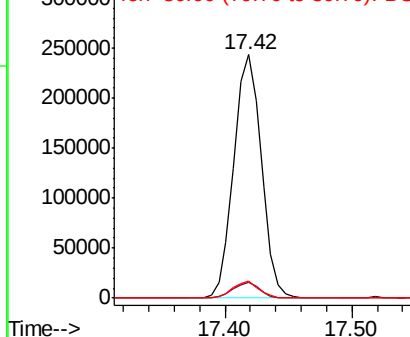


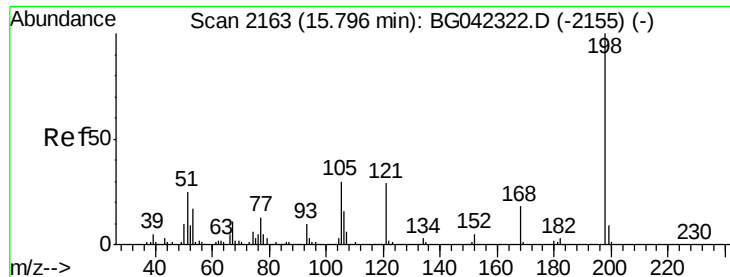
Abundance

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: 45.782 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

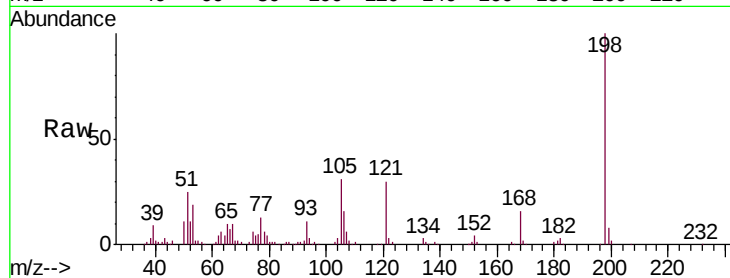
ClientSampleId :

PB122256BSD

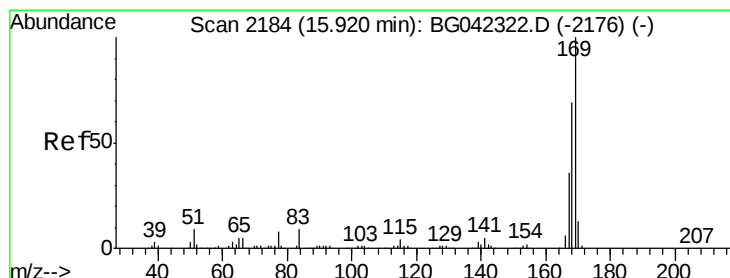
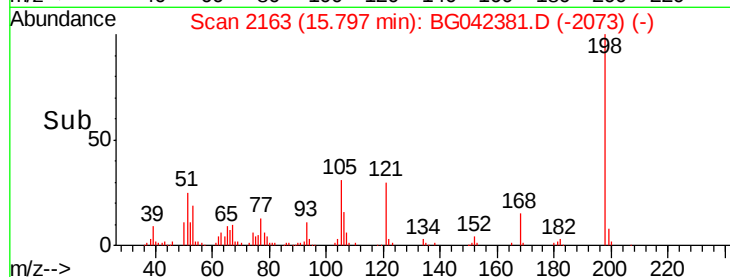
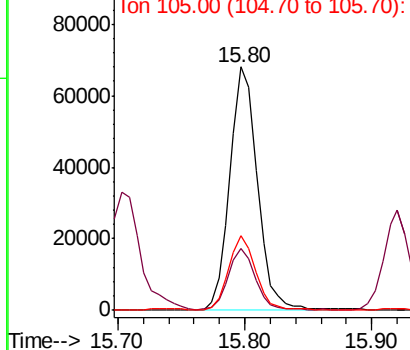
Tot Ion:	198	Resp:	102365
Ion Ratio	Lower	Upper	
198	100		
51	25.4	6.4	46.4
105	30.7	10.0	50.0

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8/22/2019 1:58:47 PM



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: 43.340 ng

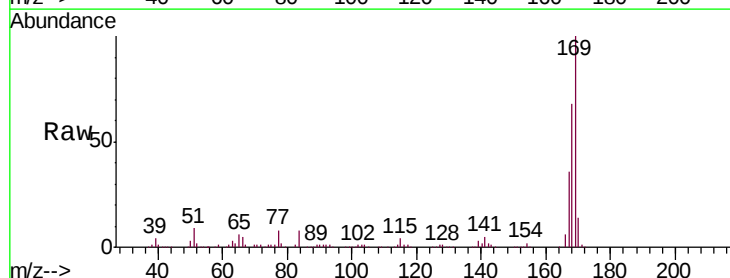
RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

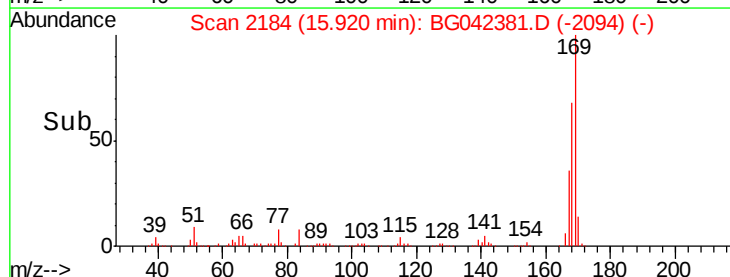
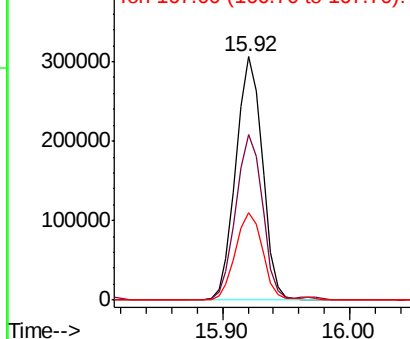
Lab File: BG042381.D

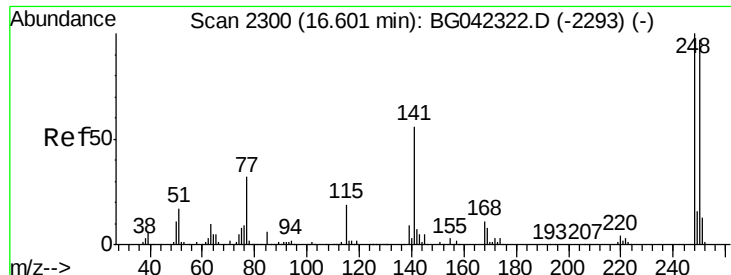
Acq: 21 Aug 2019 13:33

Tgt Ion:	169	Resp:	444415
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.5	83.3
167	36.2	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





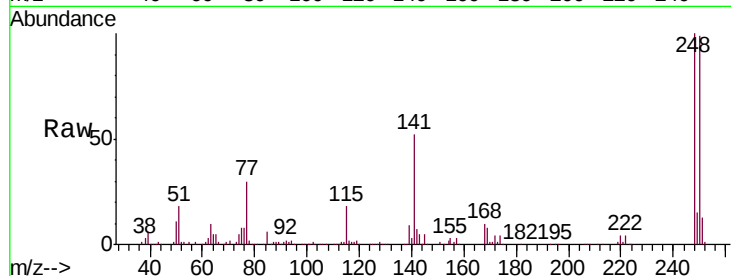
#67
 4-Bromophenyl-phenylether
 Concen: 42.089 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.0	117.0
141	52.3	44.9	67.3

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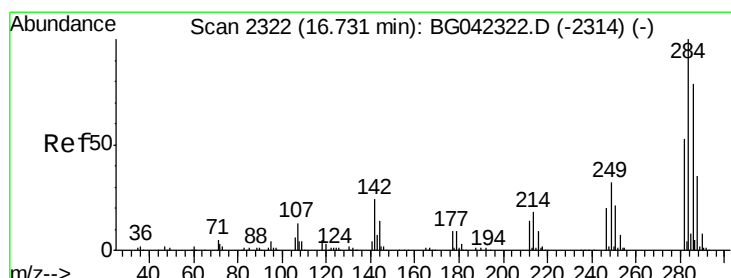
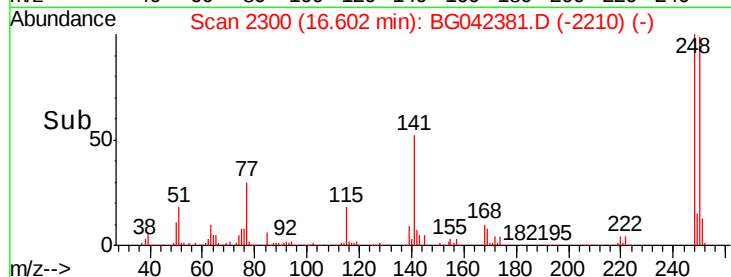
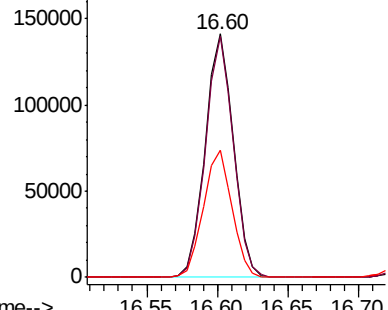


Abundance

Ion 248.00 (247.70 to 248.70): E

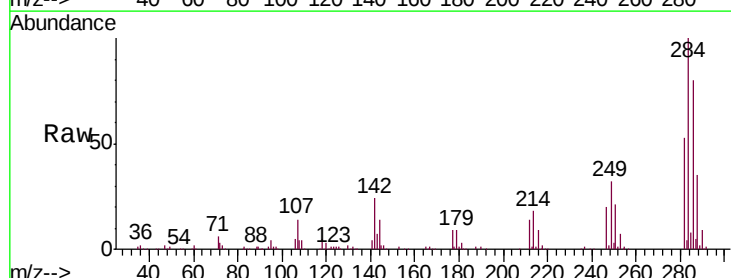
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.143 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	19.0	28.4
249	32.0	25.9	38.9

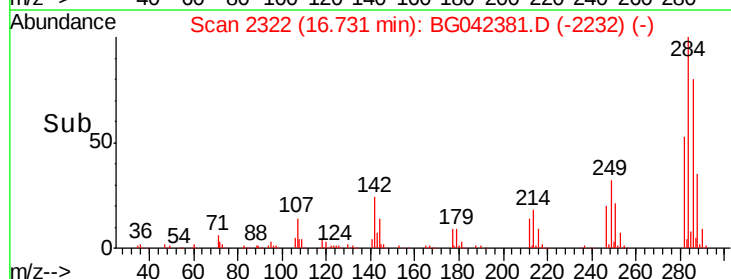
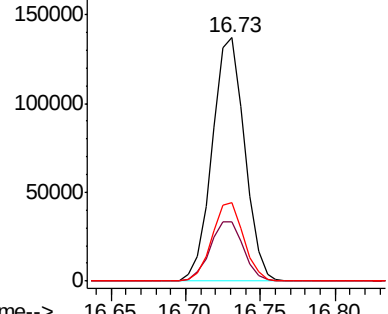


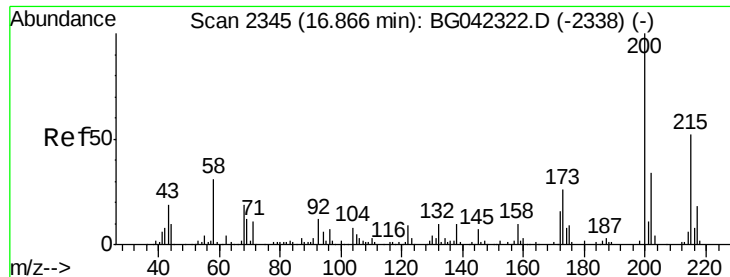
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





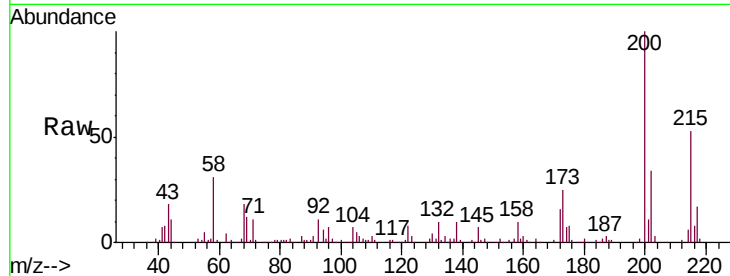
#69
 Atrazine
 Concen: 44.113 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampled :
 PB122256BSD

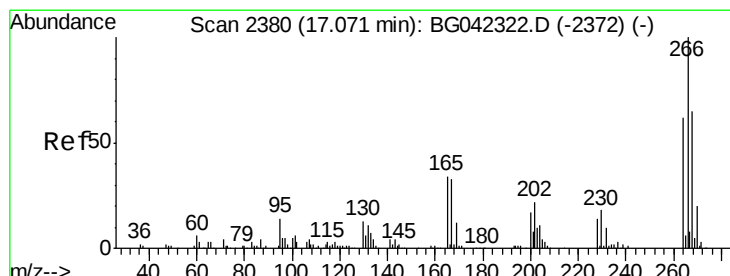
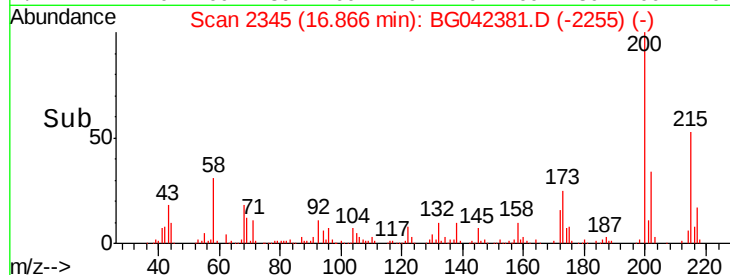
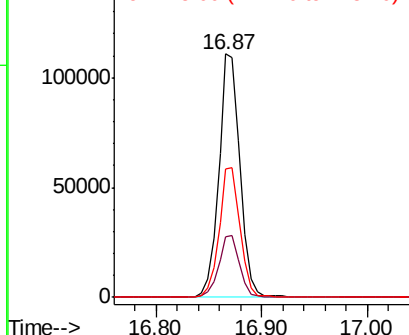
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	6.0	46.0
215	52.8	32.4	72.4

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 8/22/2019 1:58:47 PM

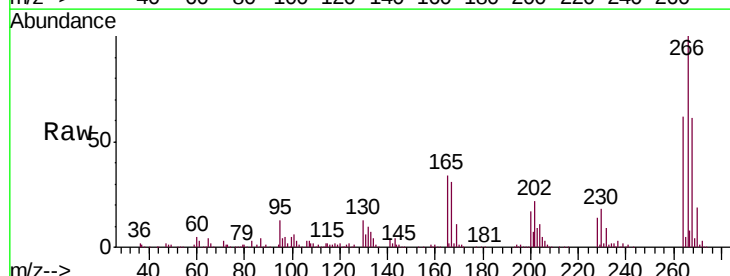


Abundance Ion 200.00 (199.70 to 200.70): E
 150000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

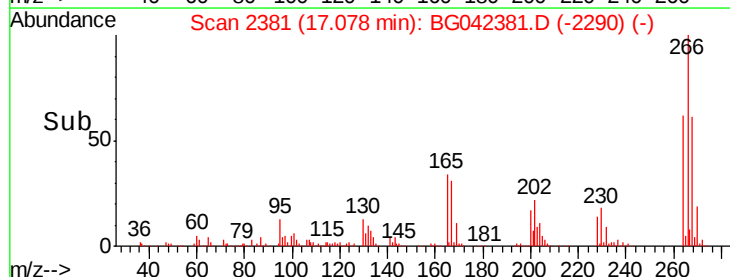
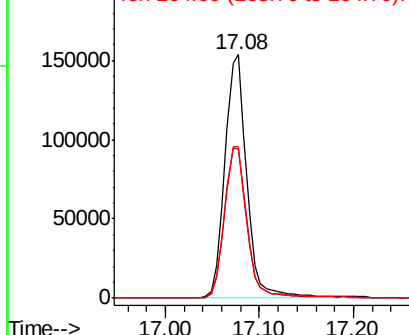


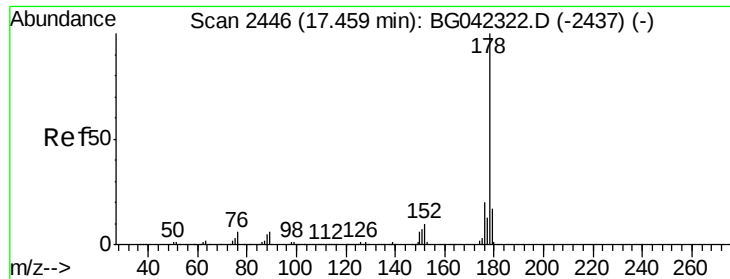
#70
 Pentachlorophenol
 Concen: 94.350 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. 0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.3	51.6	77.4
264	62.0	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
 200000 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





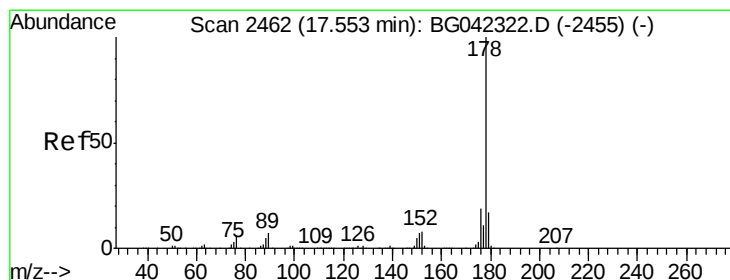
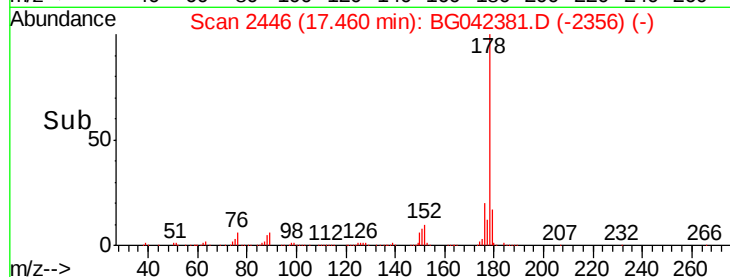
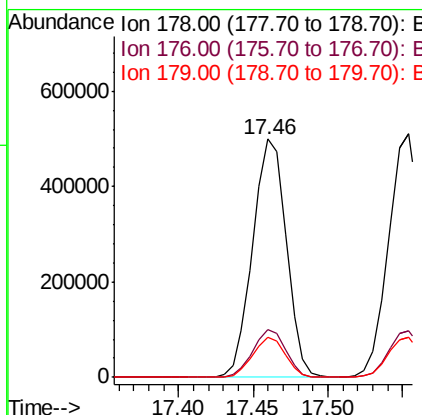
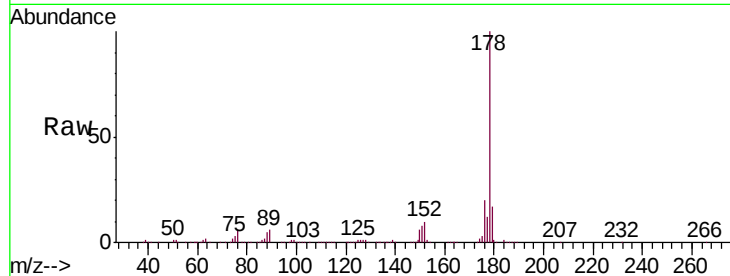
#71
Phenanthrene
Concen: 42.690 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	17.1	13.7	20.5

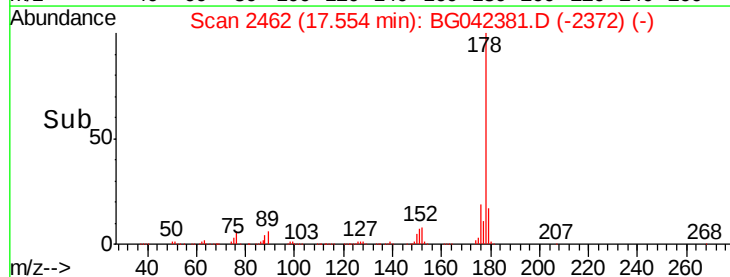
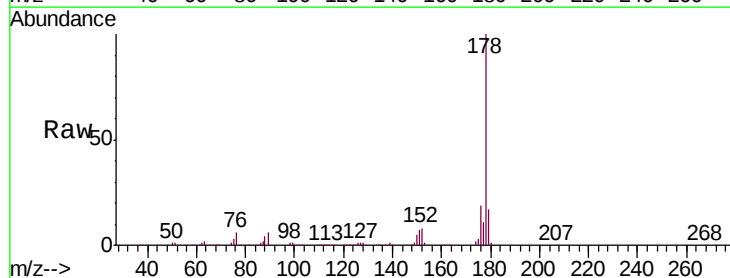
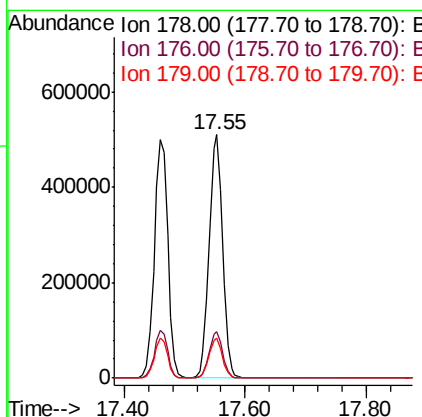
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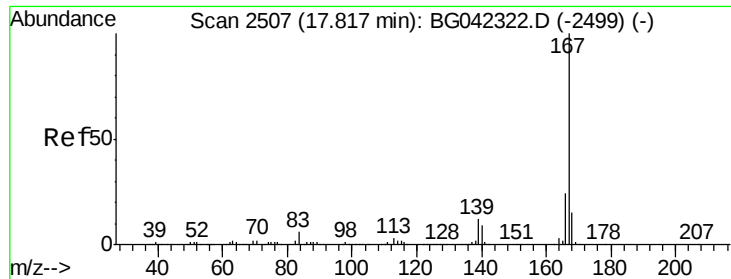
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8/22/2019 1:58:47 PM



#72
Anthracene
Concen: 43.785 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.6	13.6	20.4





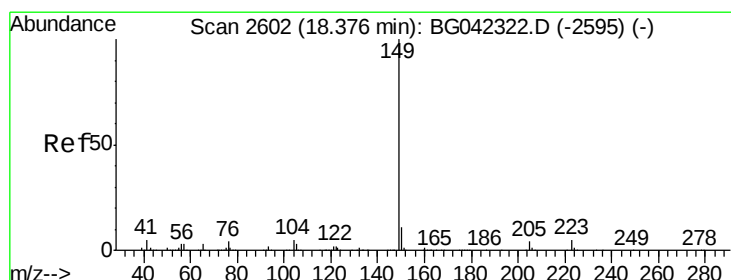
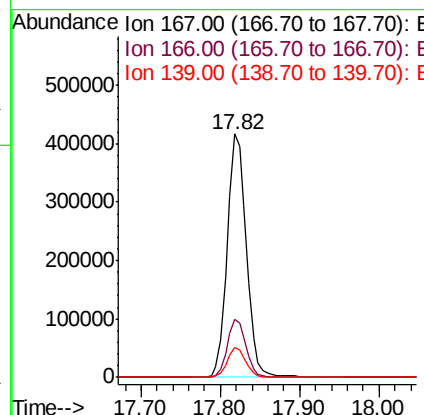
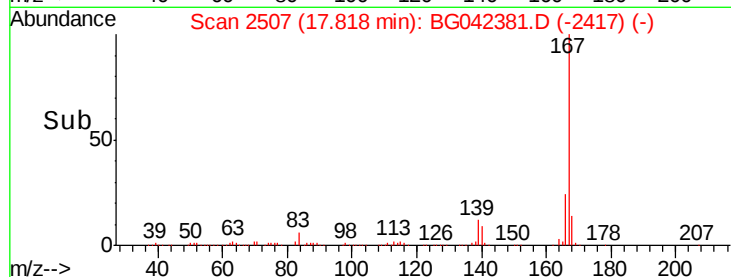
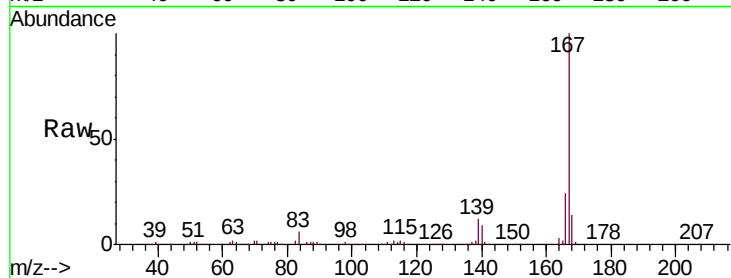
#73
 Carbazole
 Concen: 43.058 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.0	28.6
139	12.5	9.7	14.5

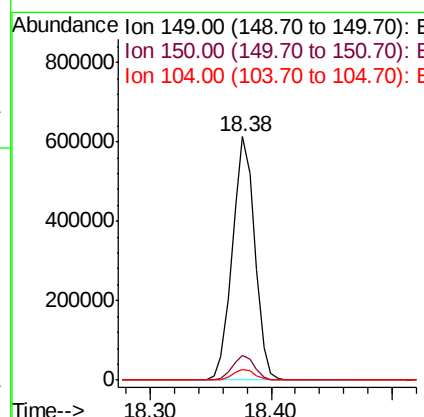
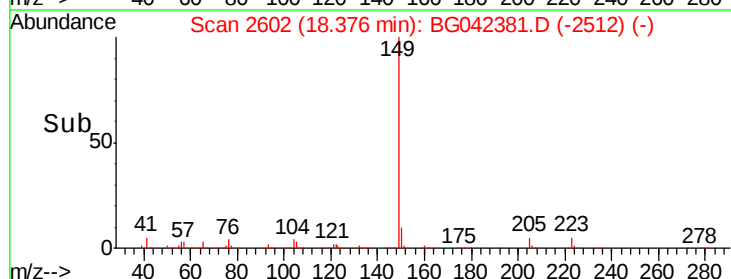
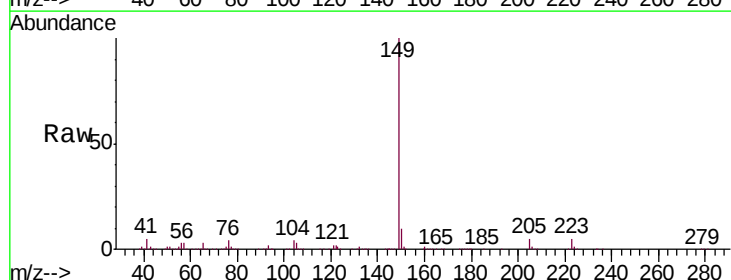
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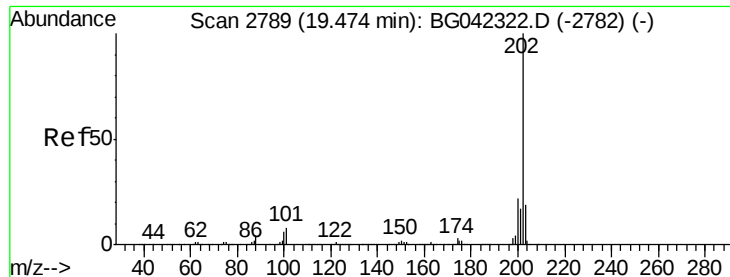
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#74
 Di-n-butylphthalate
 Concen: 41.923 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.4	12.6
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 43.834 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

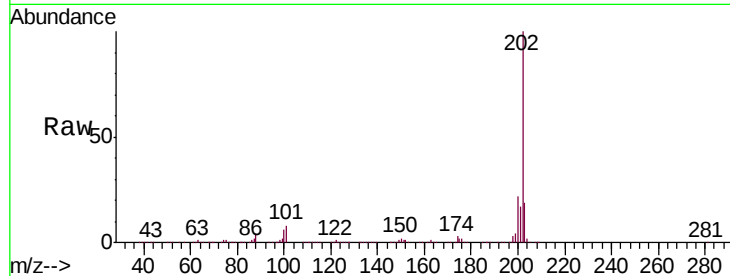
ClientSampleId :

PB122256BSD

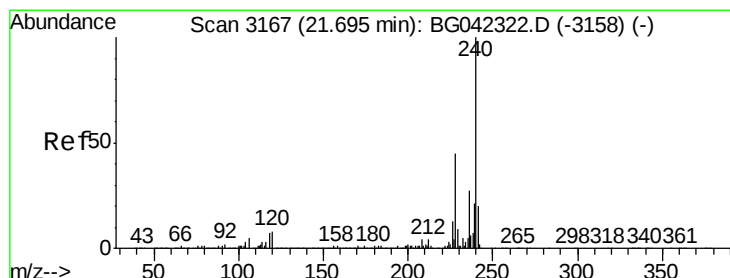
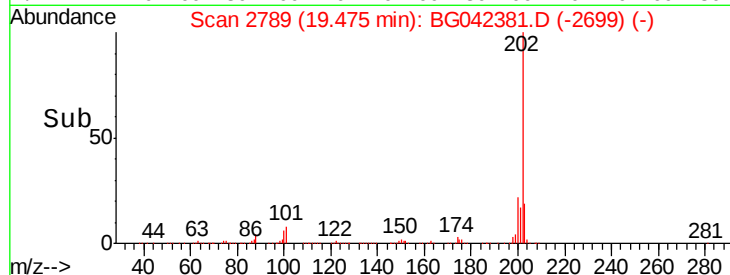
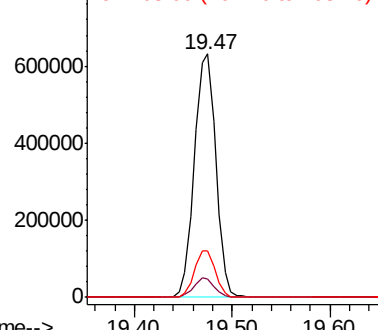
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		964712		
101	7.8	0.0	28.0		
203	19.3	0.0	39.1		

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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

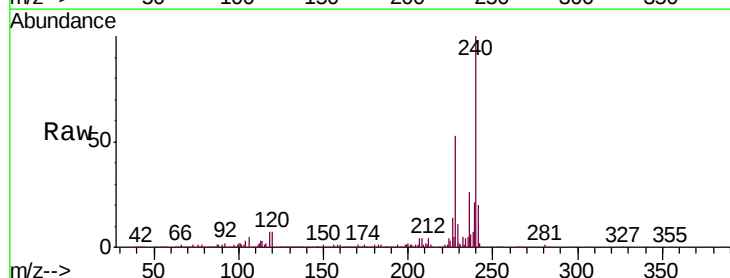
RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

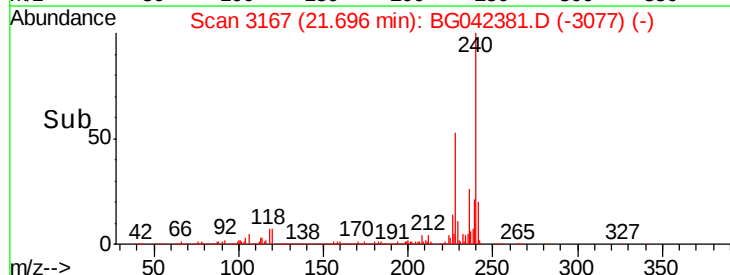
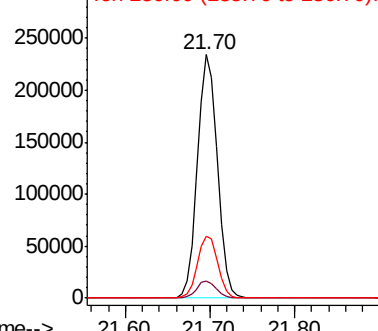
Lab File: BG042381.D

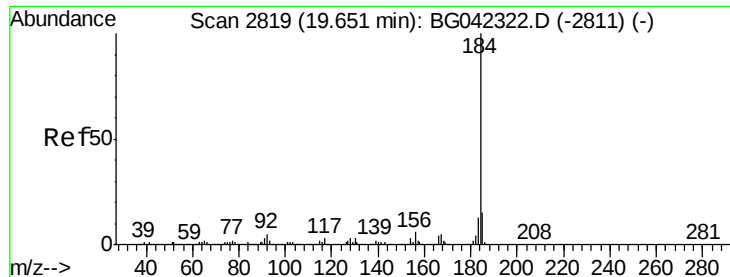
Acq: 21 Aug 2019 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		380963		
120	7.0	6.0	9.0		
236	25.5	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: 30.337 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

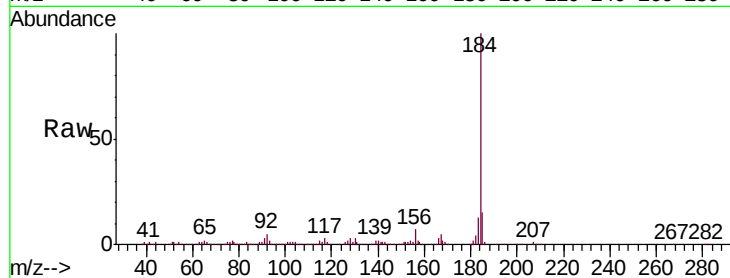
ClientSampleId :

PB122256BSD

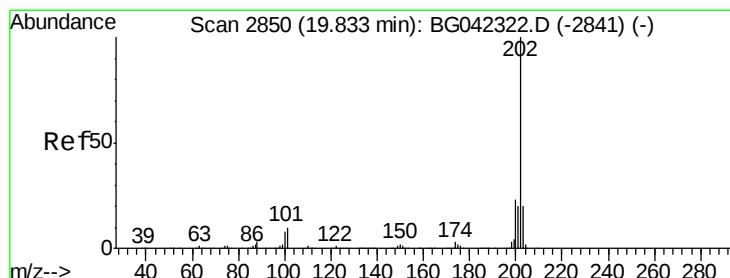
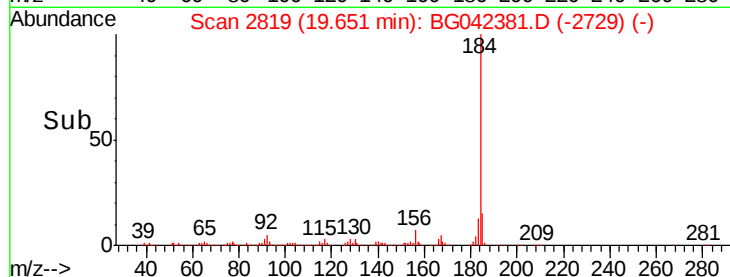
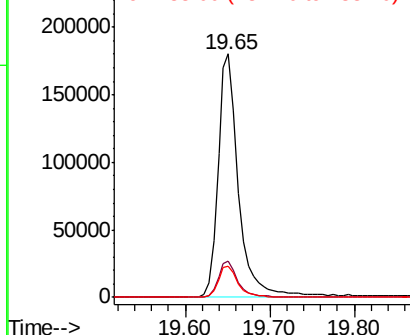
Tot Ion:	184	Resp:	306431
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.6
183	12.9	10.6	15.8

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8/22/2019 1:58:47 PM



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: 41.217 ng

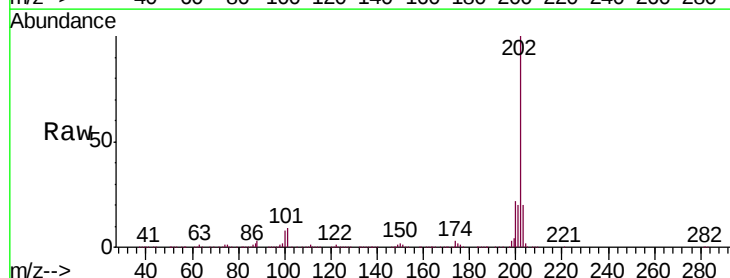
RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

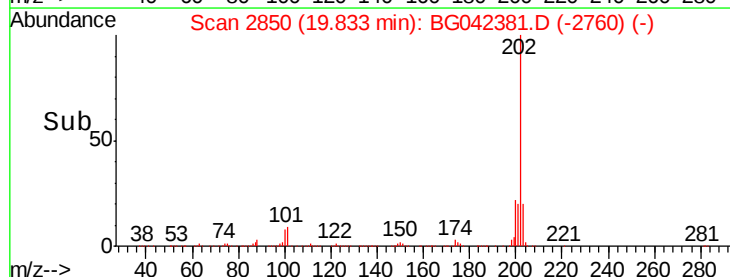
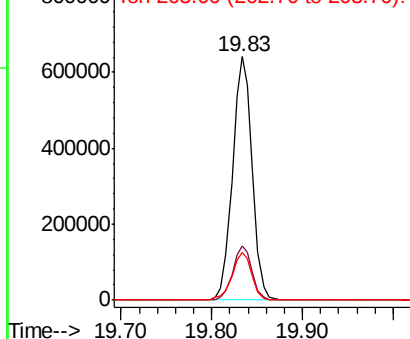
Lab File: BG042381.D

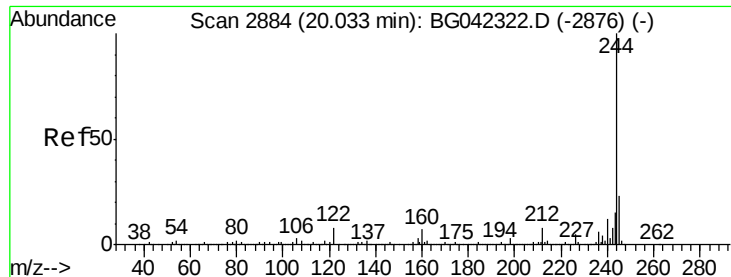
Acq: 21 Aug 2019 13:33

Tgt Ion:	202	Resp:	966185
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.1	27.1
203	19.5	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





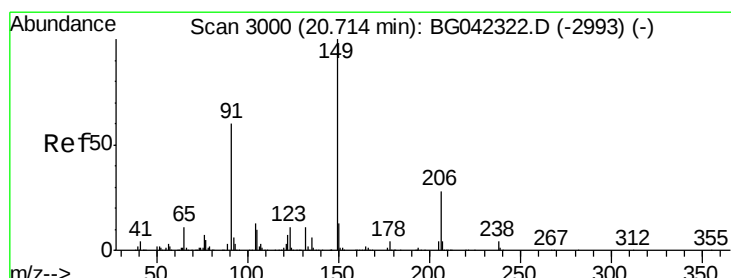
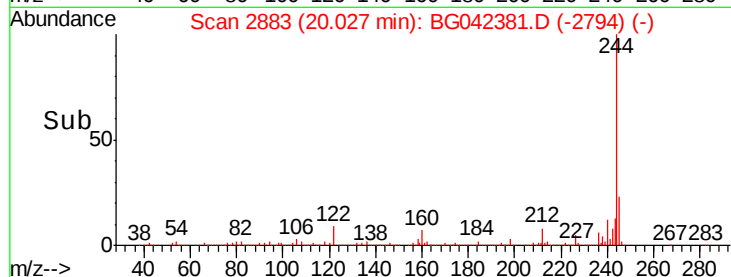
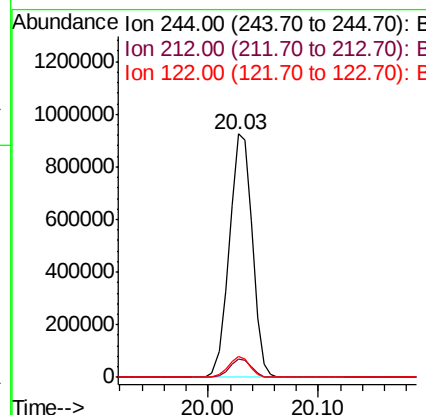
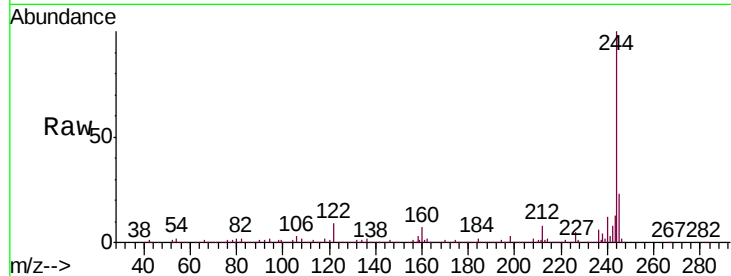
#79
 Terphenyl-d14
 Concen: 77.599 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB122256BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	8.7	6.6	10.0

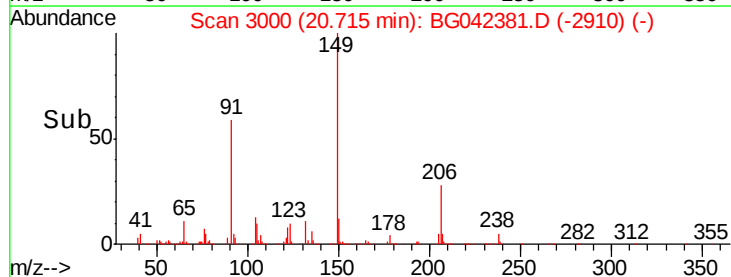
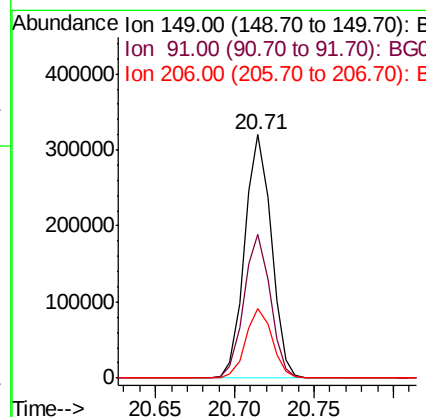
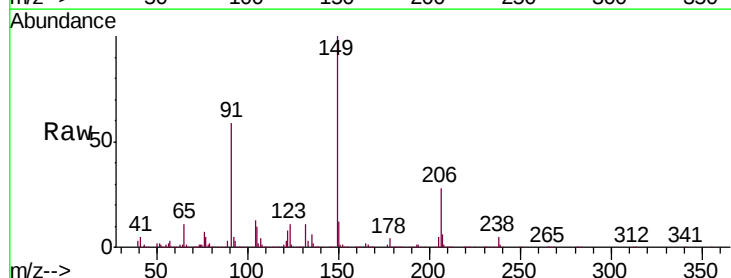
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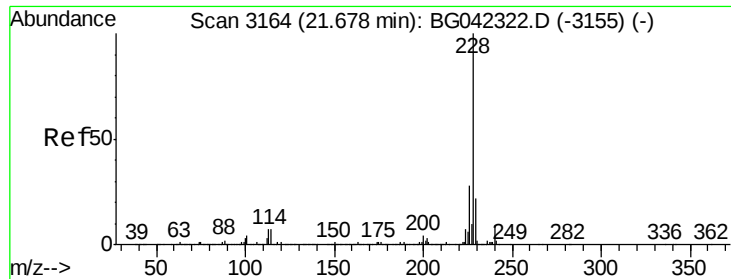
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#80
 Butylbenzylphthalate
 Concen: 40.202 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. 0.00 min
 Lab File: BG042381.D
 Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.1	47.8	71.6
206	28.3	22.6	33.8





#81

Benzo(a)anthracene

Concen: 41.192 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

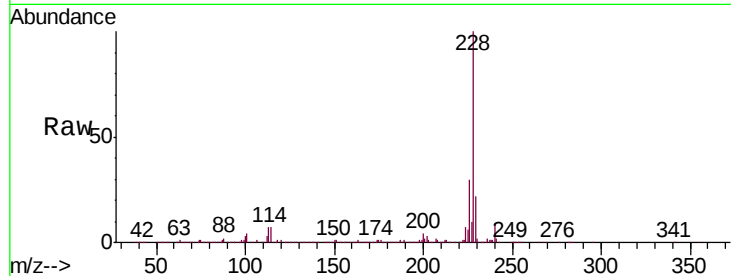
ClientSampleId :

PB122256BSD

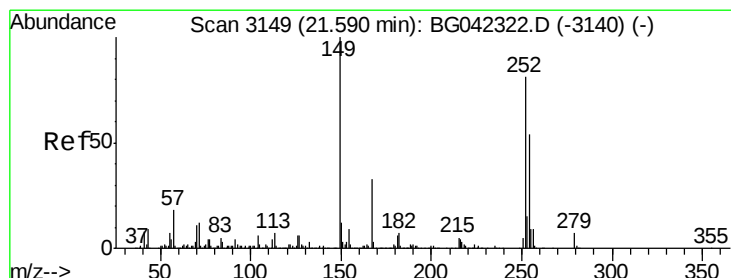
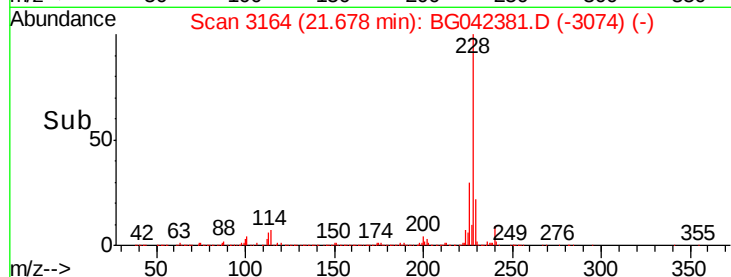
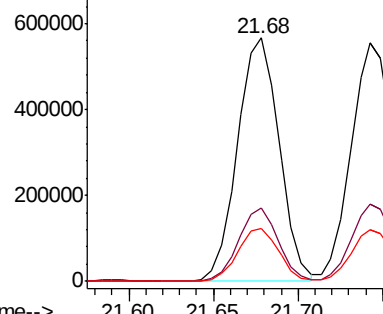
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.9		22.7	34.1	
229	21.7		17.4	26.2	

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



#82

3,3'-Dichlorobenzidine

Concen: 38.515 ng

RT: 21.59 min Scan# 3149

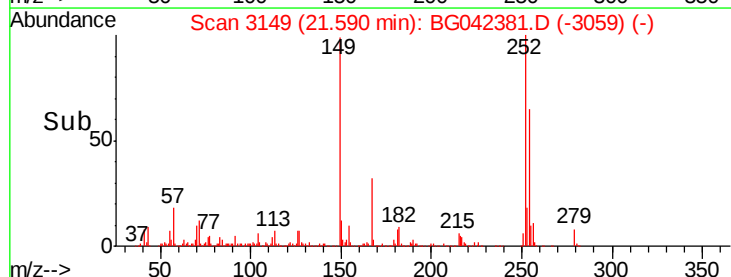
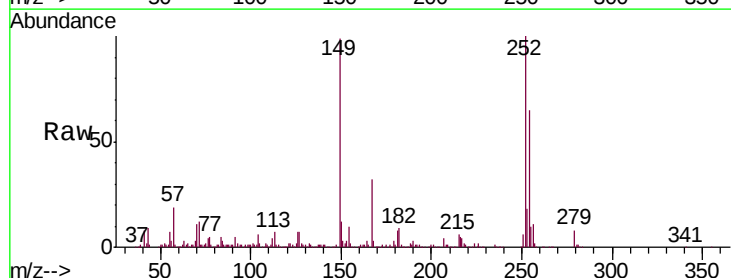
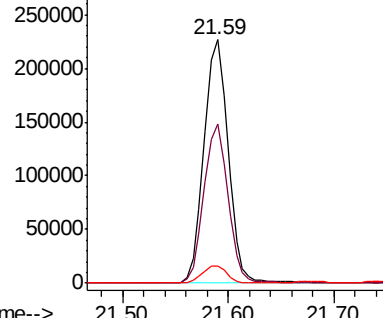
Delta R.T. 0.00 min

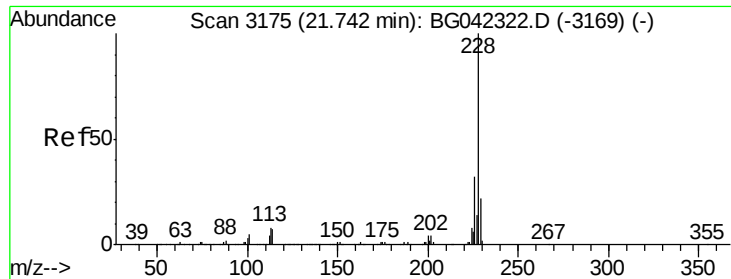
Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	65.5		53.0	79.6	
126	7.0		6.2	9.2	

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





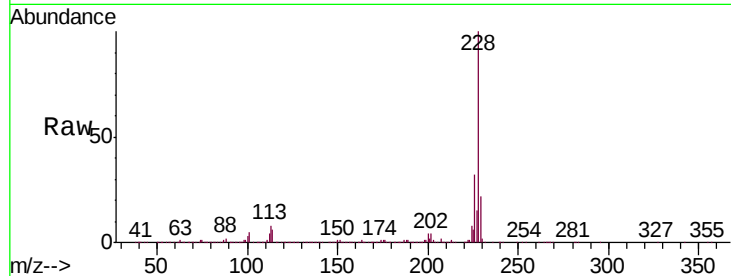
#83
Chrysene
Concen: 42.519 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

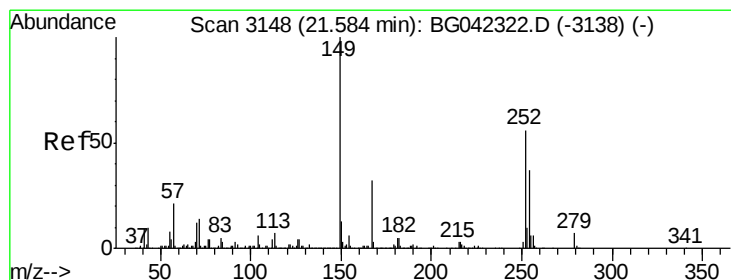
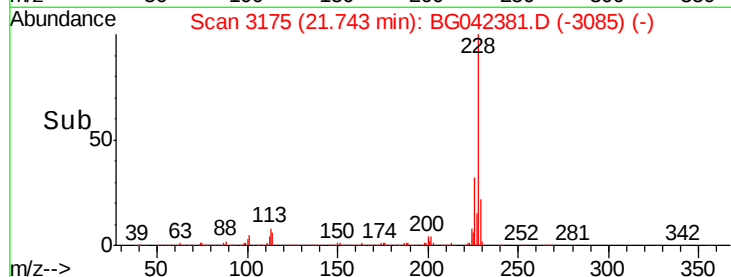
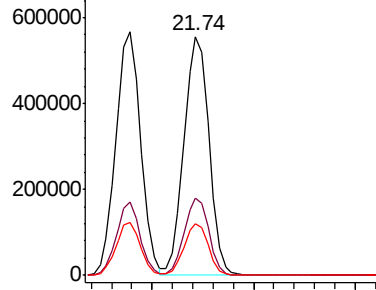
Tot Ion	Ratio	Resp	Lower	Upper
228	100	951582		
226	32.4		25.6	38.4
229	21.6		17.8	26.6

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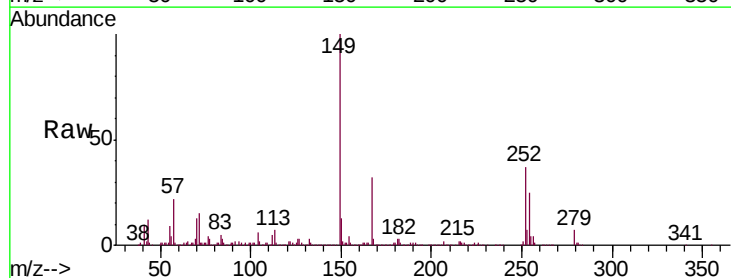


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

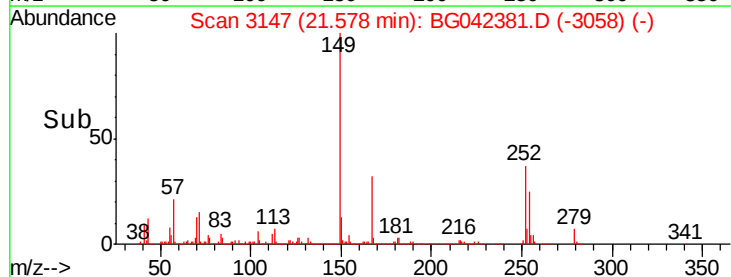
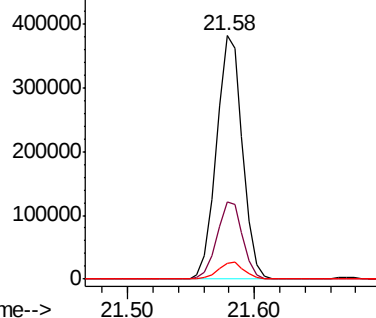


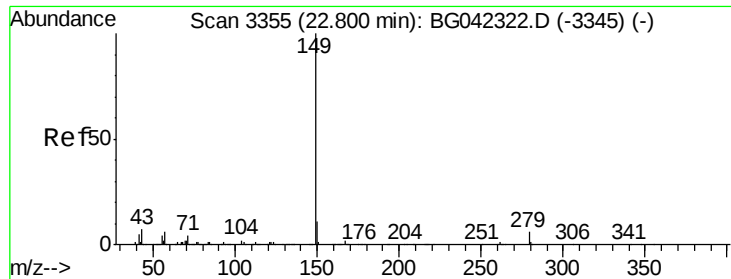
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.621 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539155		
167	32.0		25.4	38.0
279	6.7		5.8	8.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.760 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

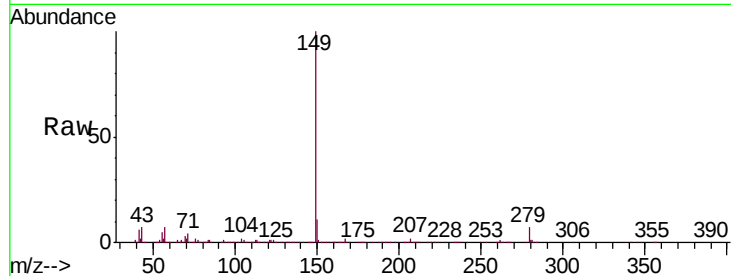
ClientSampleId :

PB122256BSD

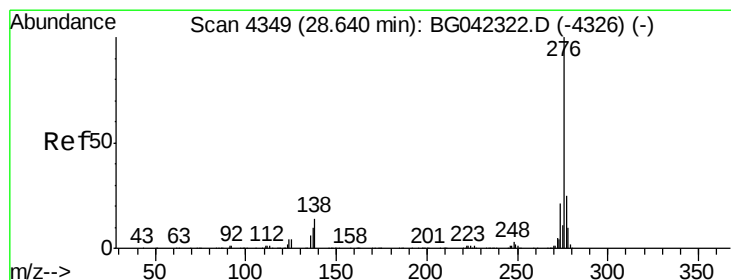
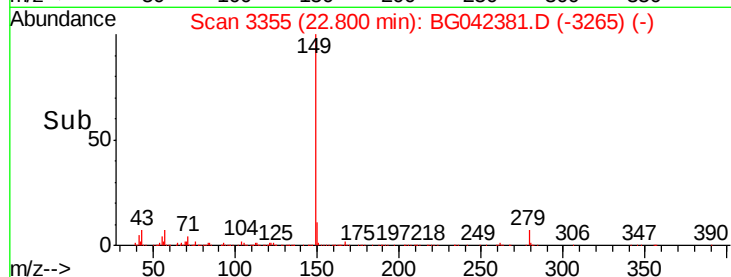
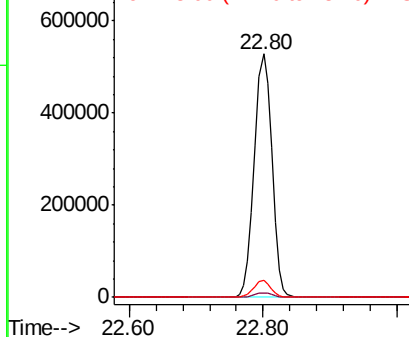
Tot Ion	Ratio	Resp	Lower	Upper
149	100	944805		
167	1.9		1.4	2.2
43	6.8		5.4	8.2

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.499 ng

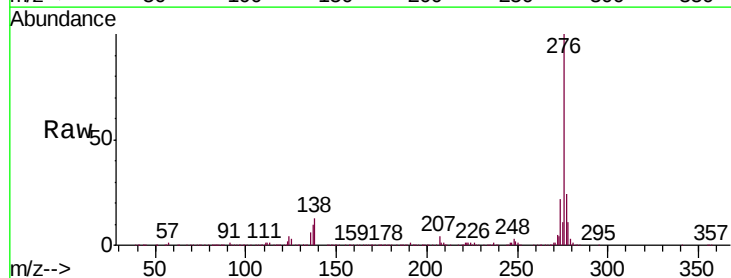
RT: 28.65 min Scan# 4351

Delta R.T. 0.01 min

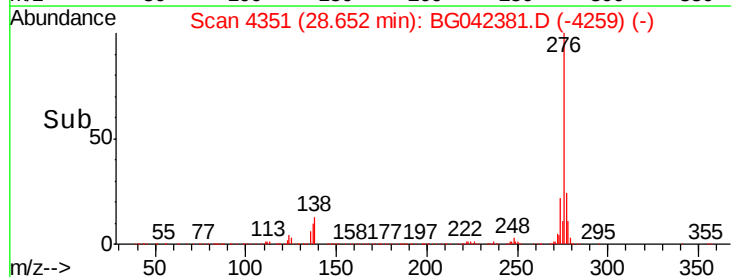
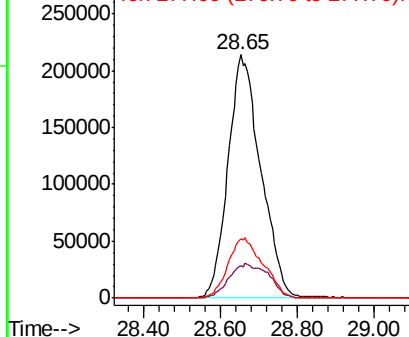
Lab File: BG042381.D

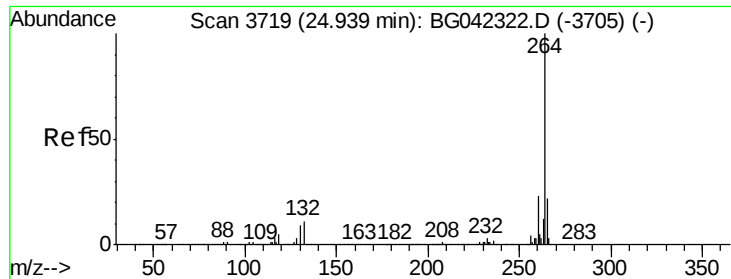
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1269967		
138	17.1		14.5	21.7
277	26.4		21.0	31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042381.D

Acq: 21 Aug 2019 13:33

Instrument :

BNA_G

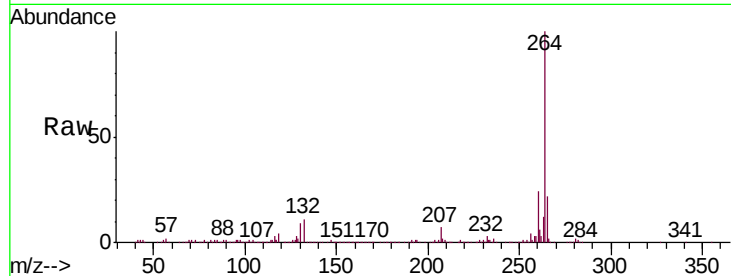
ClientSampleId :

PB122256BSD

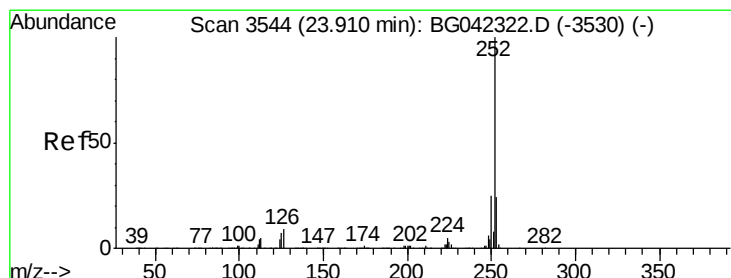
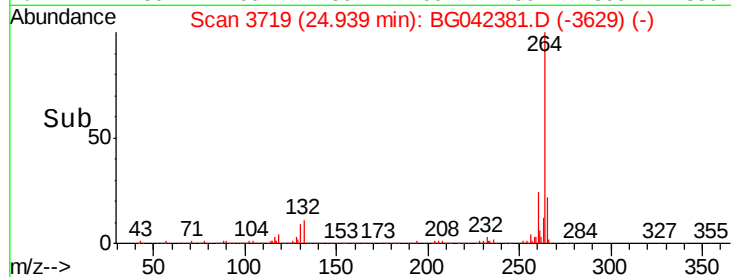
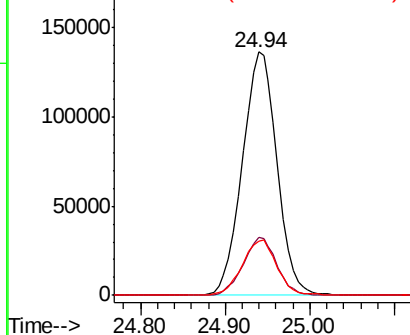
Tot Ion:	264	Resp:	388283
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.4	27.6
265	22.3	17.4	26.0

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



#88

Benzo(b)fluoranthene

Concen: 50.955 ng

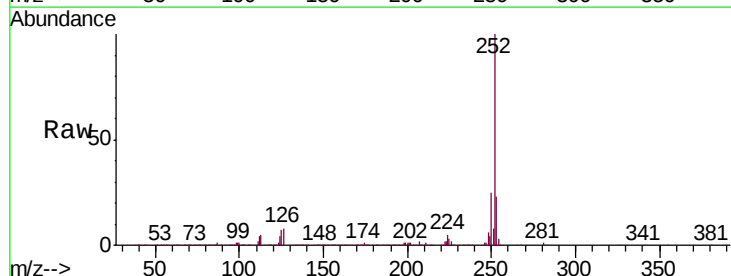
RT: 23.92 min Scan# 3545

Delta R.T. 0.01 min

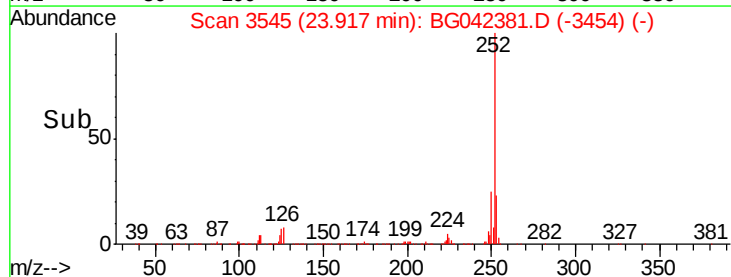
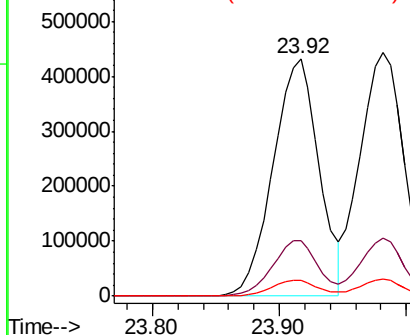
Lab File: BG042381.D

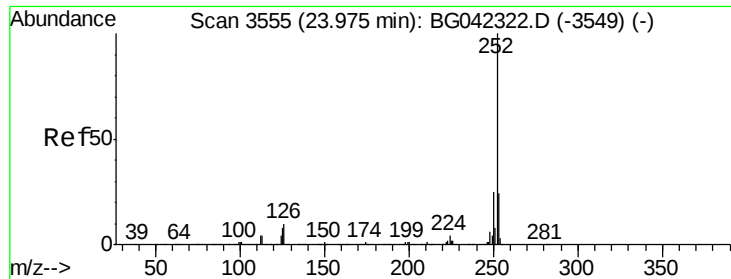
Acq: 21 Aug 2019 13:33

Tgt Ion:	252	Resp:	1087476
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.9	28.3
125	6.8	5.8	8.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





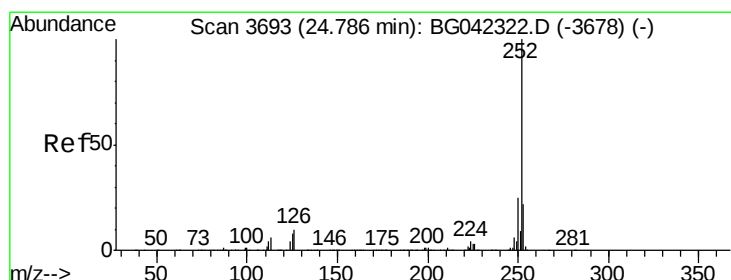
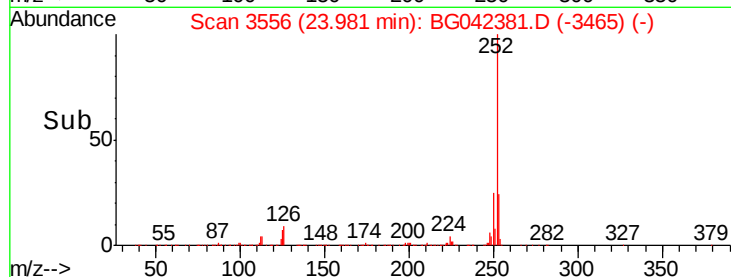
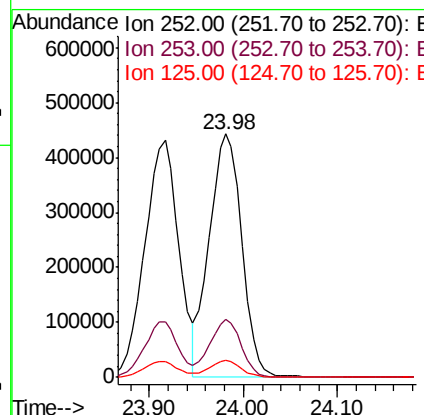
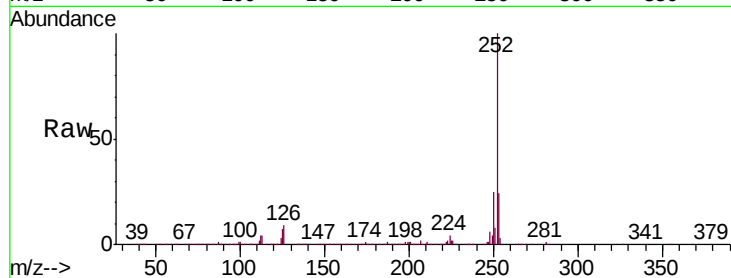
#89
Benzo(k)fluoranthene
Concen: 51.217 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.0	28.4
125	7.0	6.0	9.0

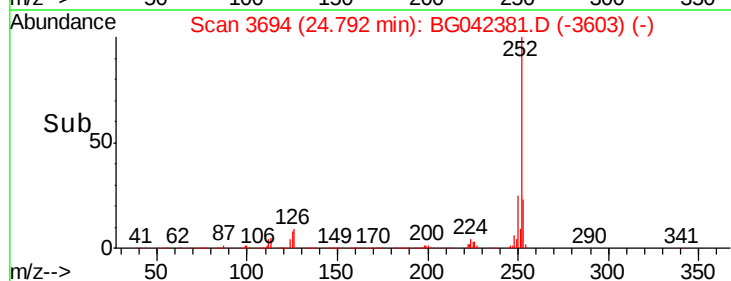
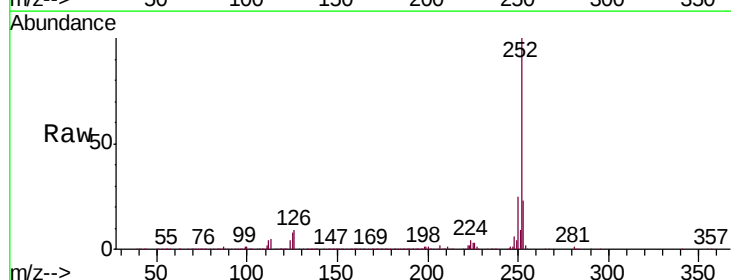
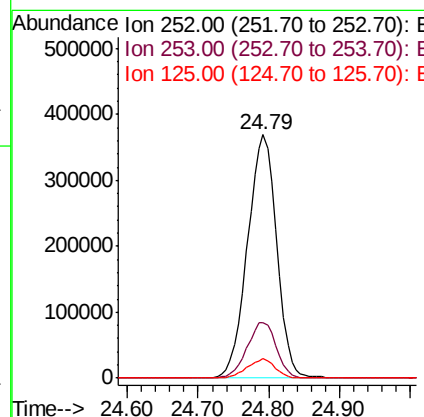
Manual Integrations
APPROVED

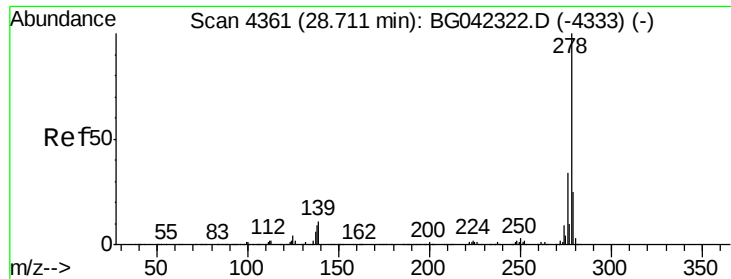
Jagrut
8/22/2019 1:58:47 PM



#90
Benzo(a)pyrene
Concen: 51.982 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.2	6.7	10.1





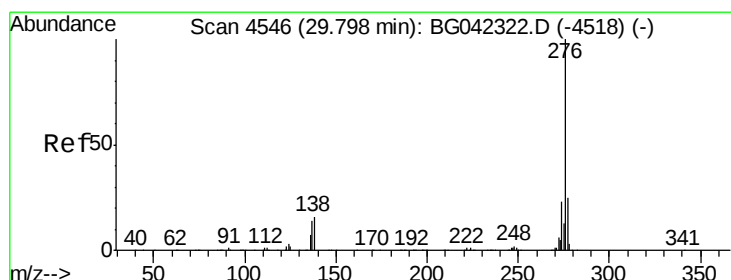
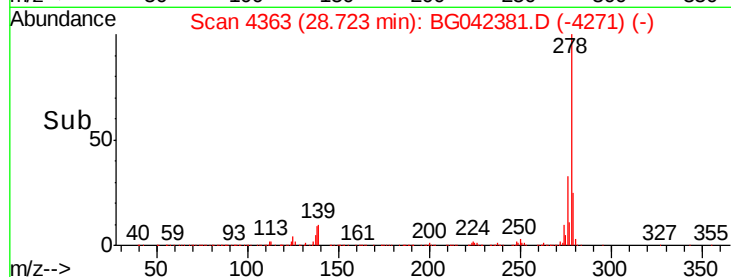
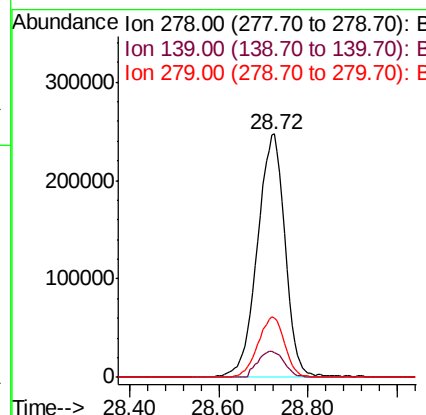
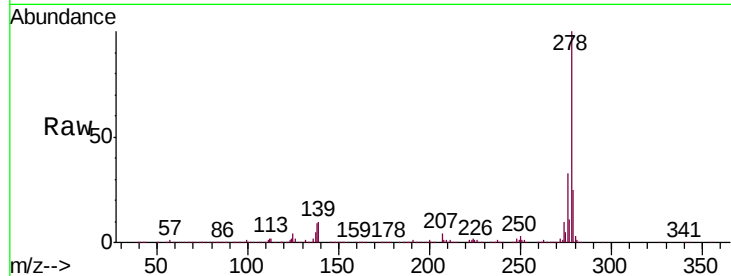
#91
Dibenzo(a,h)anthracene
Concen: 51.843 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Instrument :
BNA_G
ClientSampleId :
PB122256BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.5	12.7
279	24.6	19.8	29.8

Manual Integrations
APPROVED

Jagrut
8/22/2019 1:58:47 PM



#92
Benzo(g,h,i)perylene
Concen: 52.026 ng
RT: 29.82 min Scan# 4549
Delta R.T. 0.02 min
Lab File: BG042381.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	13.5	12.8	19.2

