

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042813.D
 Acq On : 13 Sep 2019 12:11
 Operator : HP/JU
 Sample : PB123017BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:03:51 AM

Quant Time: Sep 13 14:14:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	77903	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	310451	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	214451	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	489249	20.00	ng	0.00
76) Chrysene-d12	21.75	240	523573	20.00	ng	0.00
87) Perylene-d12	25.02	264	575836	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	543330	121.25	ng	0.00
7) Phenol-d6	7.27	99	761672	118.43	ng	0.00
23) Nitrobenzene-d5	9.27	82	435958	73.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	317664	111.34	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	964645	71.20	ng	0.00
79) Terphenyl-d14	20.09	244	1669315	70.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	77927	38.106	ng	96
3) Pyridine	3.98	79	203608	33.068	ng	96
4) n-Nitrosodimethylamine	3.89	42	119598	39.919	ng	100
6) Aniline	7.44	93	281059	32.390	ng	95
8) 2-Chlorophenol	7.68	128	219468	45.311	ng	97
9) Benzaldehyde	7.25	77	157372	37.601	ng	92
10) Phenol	7.29	94	295270	44.766	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	211939	41.868	ng	97
12) 1,3-Dichlorobenzene	8.01	146	232881	39.420	ng	99
13) 1,4-Dichlorobenzene	8.15	146	238012	40.241	ng	99
14) 1,2-Dichlorobenzene	8.48	146	220951	39.244	ng	97
15) Benzyl Alcohol	8.35	79	236158	42.786	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	426253	38.345	ng	98
17) 2-Methylphenol	8.55	107	197317	44.716	ng	99
18) Hexachloroethane	9.21	117	83833	38.391	ng	89
19) n-Nitroso-di-n-propylamine	8.92	70	190924	40.286	ng	97
20) 3+4-Methylphenols	8.88	107	267509	43.978	ng	96
22) Acetophenone	8.93	105	330093	42.101	ng	97
24) Nitrobenzene	9.32	77	271669	43.404	ng	97
25) Isophorone	9.84	82	518983	41.754	ng	98
26) 2-Nitrophenol	10.03	139	114855	46.665	ng	94
27) 2,4-Dimethylphenol	10.09	122	215962	49.604	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	284741	41.079	ng	99
29) 2,4-Dichlorophenol	10.57	162	226239	44.717	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	247873	40.128	ng	99
31) Naphthalene	10.98	128	641968	41.882	ng	99
32) Benzoic acid	10.20	122	139657	40.696	ng	99
33) 4-Chloroaniline	11.07	127	174208	24.316	ng	97
34) Hexachlorobutadiene	11.27	225	166906	38.566	ng	96
35) Caprolactam	11.83	113	79437m	42.222	ng	
36) 4-Chloro-3-methylphenol	12.18	107	251041	45.700	ng	94
37) 2-Methylnaphthalene	12.58	142	487829	42.486	ng	97
38) 1-Methylnaphthalene	12.79	142	450006	41.787	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	296715	41.871	ng	99

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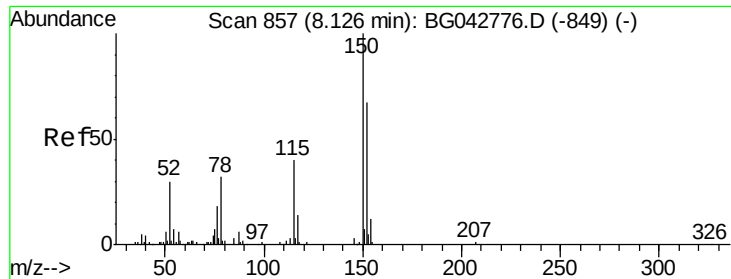
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	395260	97.364	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	202920	43.011	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	218537	45.223	nq	97
46) 1,1'-Biphenyl	13.58	154	641447	42.726	nq	100
47) 2-Chloronaphthalene	13.62	162	502170	40.435	nq	100
48) 2-Nitroaniline	13.80	65	182192	42.290	nq	98
49) Acenaphthylene	14.46	152	808461	42.599	nq	98
50) Dimethylphthalate	14.19	163	643781	40.073	nq	99
51) 2,6-Dinitrotoluene	14.30	165	145642	44.182	nq	96
52) Acenaphthene	14.80	154	515017	41.538	nq	97
53) 3-Nitroaniline	14.62	138	108435	29.310	nq	95
54) 2,4-Dinitrophenol	14.83	184	82752	50.994	nq	# 82
55) Dibenzofuran	15.13	168	772310	41.907	nq	100
56) 4-Nitrophenol	14.92	139	245395	85.787	nq	99
57) 2,4-Dinitrotoluene	15.08	165	200250	45.575	nq	99
58) Fluorene	15.78	166	630624	41.289	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	205158	43.795	nq	# 99
60) Diethylphthalate	15.55	149	637411	39.087	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	356393	39.465	nq	97
62) 4-Nitroaniline	15.79	138	158414	39.724	nq	96
63) Azobenzene	16.07	77	646439	41.166	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	81815	39.082	nq	94
66) n-Nitrosodiphenylamine	15.98	169	566389	43.021	nq	97
67) 4-Bromophenyl-phenylether	16.67	248	239469	40.439	nq	100
68) Hexachlorobenzene	16.79	284	252161	39.851	nq	96
69) Atrazine	16.92	200	219060	47.782	nq	97
70) Pentachlorophenol	17.12	266	332825	88.666	nq	94
71) Phenanthrene	17.52	178	994571	42.507	nq	100
72) Anthracene	17.61	178	1011805	43.284	nq	99
73) Carbazole	17.87	167	961821	43.291	nq	98
74) Di-n-butylphthalate	18.44	149	1104105	41.485	nq	100
75) Fluoranthene	19.52	202	1327179	43.767	nq	99
77) Benzidine	19.69	184	634888	43.402	nq	98
78) Pyrene	19.89	202	1345452	41.046	nq	100
80) Butylbenzylphthalate	20.77	149	544329	41.032	nq	99
81) Benzo(a)anthracene	21.74	228	1349296	40.532	nq	98
82) 3,3'-Dichlorobenzidine	21.64	252	383698	29.659	nq	97
83) Chrysene	21.80	228	1316473	41.749	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	755193	41.663	nq	99
85) Di-n-octyl phthalate	22.89	149	1293953	41.874	nq	99
86) Indeno(1,2,3-cd)pyrene	28.76	276	1622059	41.539	nq	# 92
88) Benzo(b)fluoranthene	23.99	252	1432589	42.370	nq	98
89) Benzo(k)fluoranthene	24.06	252	1355643	42.444	nq	98
90) Benzo(a)pyrene	24.87	252	1383766	43.707	nq	100
91) Dibenzo(a,h)anthracene	28.83	278	1344961	43.192	nq	98
92) Benzo(g,h,i)perylene	29.92	276	1323801	43.585	nq	98

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



#1

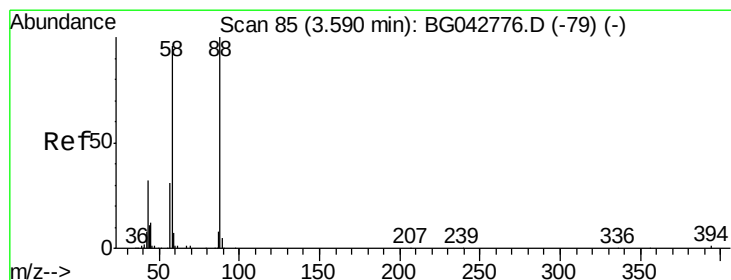
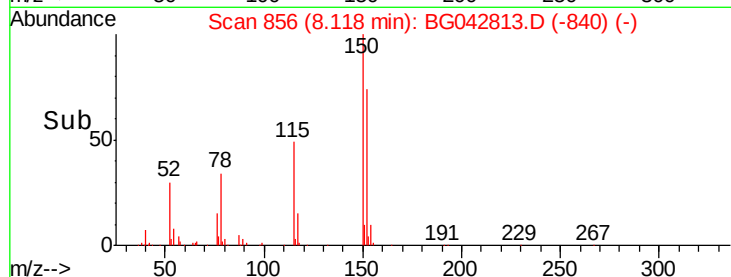
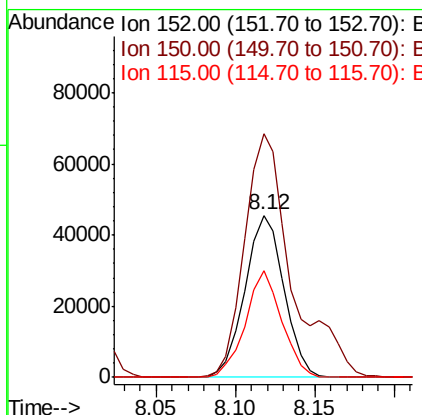
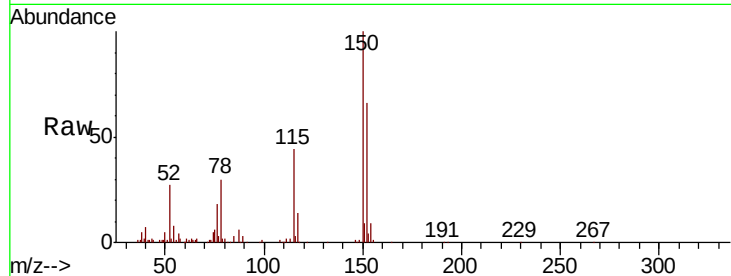
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	118.9	178.3
115	65.8	47.4	71.2

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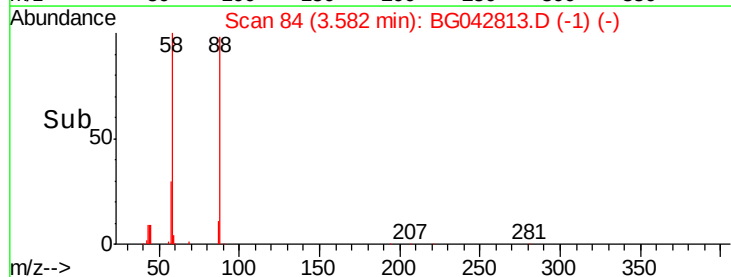
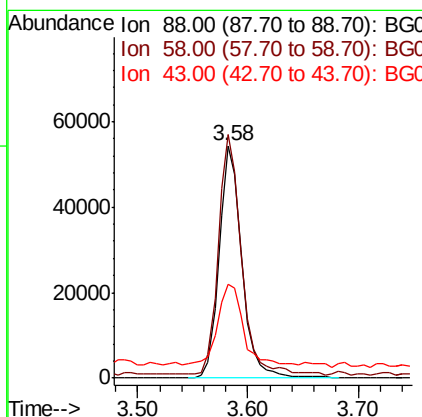
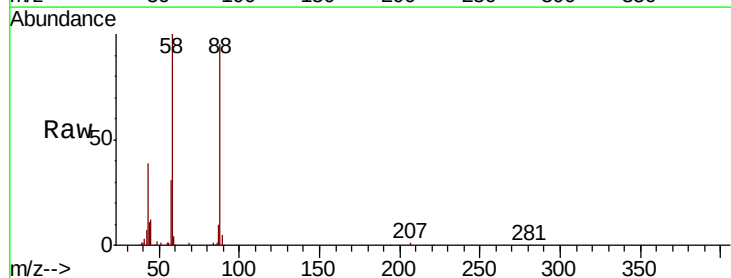
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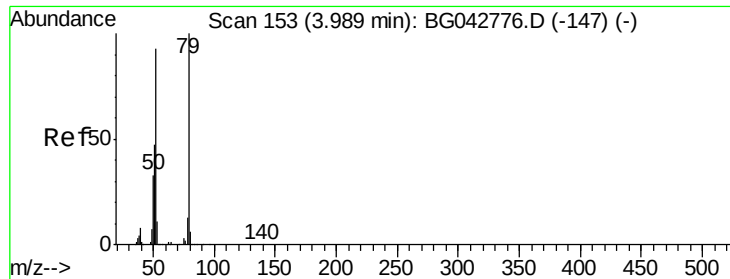


#2

1,4-Dioxane
Concen: 38.106 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.9	79.1	118.7
43	39.1	30.4	45.6





#3

Pvridine

Concen: 33.068 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

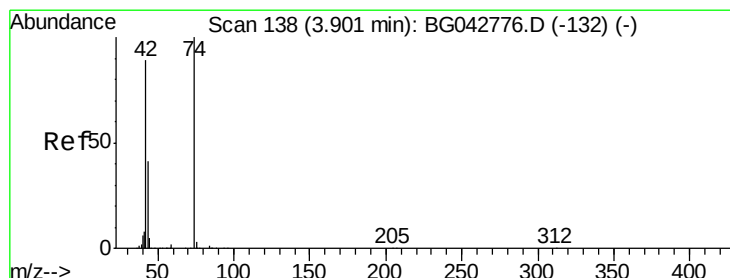
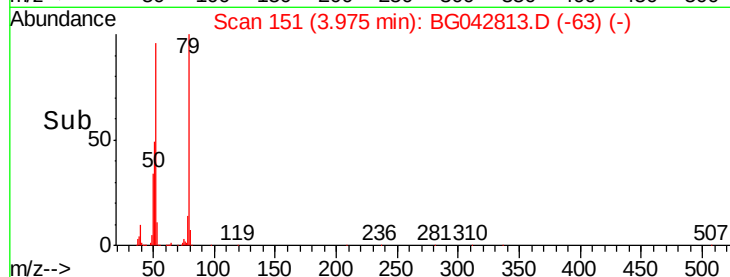
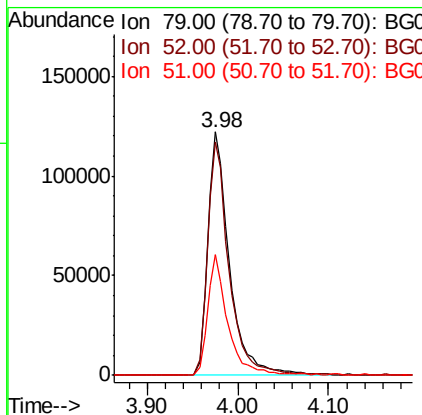
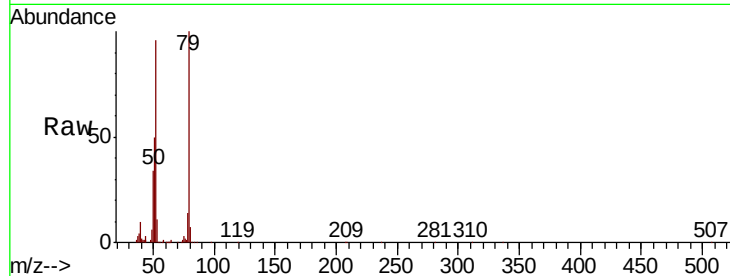
ClientSampleId :

PB123017BSD

Tot Ion:	79	Resp:	203608
Ion	Ratio	Lower	Upper
79	100		
52	95.7	74.0	111.0
51	49.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 39.919 ng

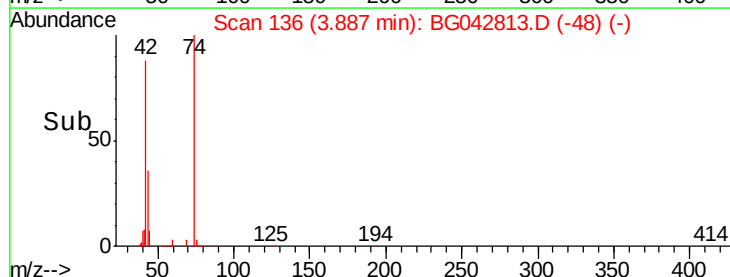
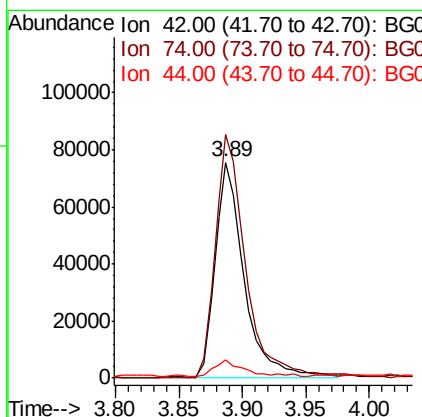
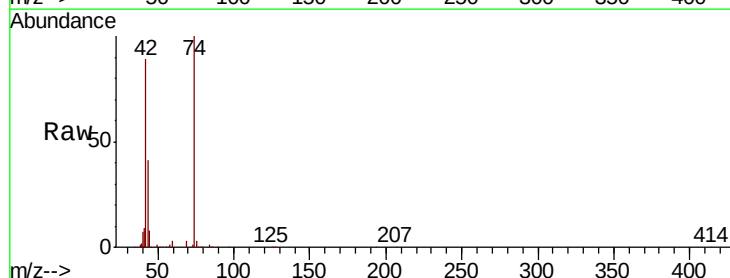
RT: 3.89 min Scan# 136

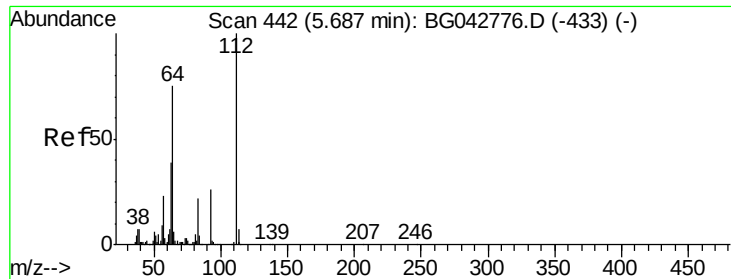
Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	42	Resp:	119598
Ion	Ratio	Lower	Upper
42	100		
74	112.7	90.2	135.2
44	8.6	6.6	9.8





#5

2-Fluorophenol

Concen: 121.254 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

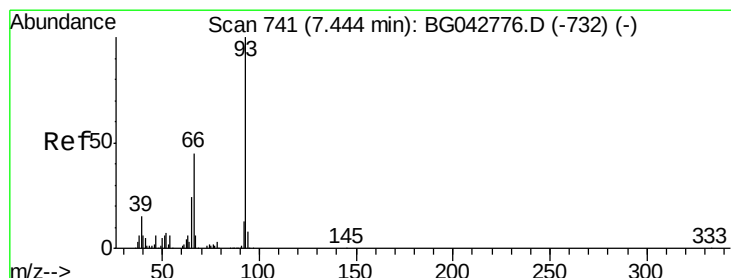
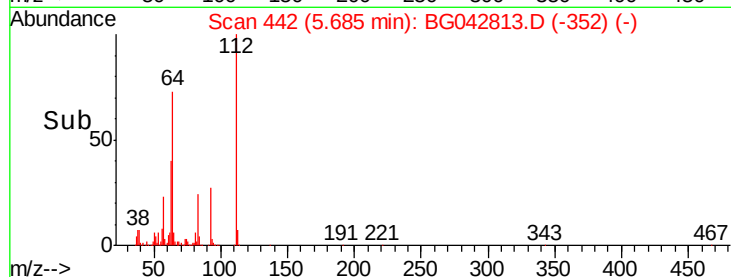
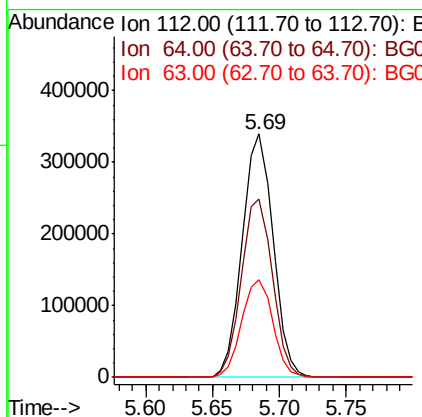
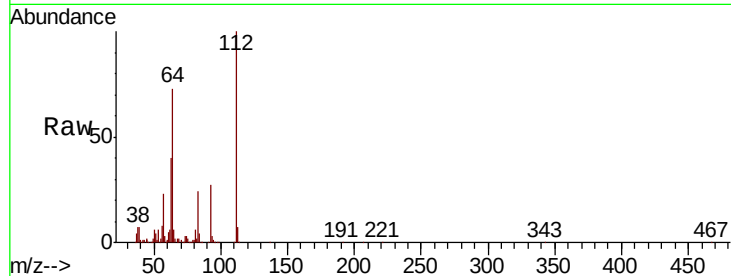
ClientSampleId :

PB123017BSD

Tot Ion:	112	Resp:	543330
Ion Ratio	Lower	Upper	
112	100		
64	73.0	60.2	90.2
63	40.3	31.2	46.8

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#6

Aniline

Concen: 32.390 ng

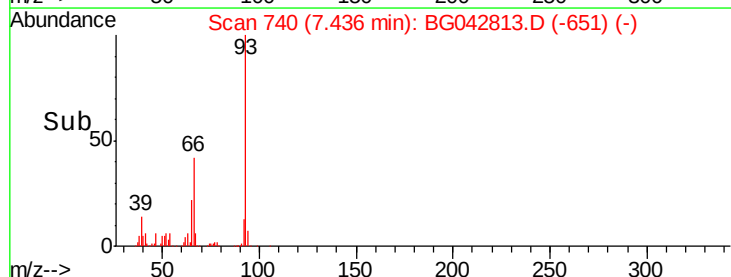
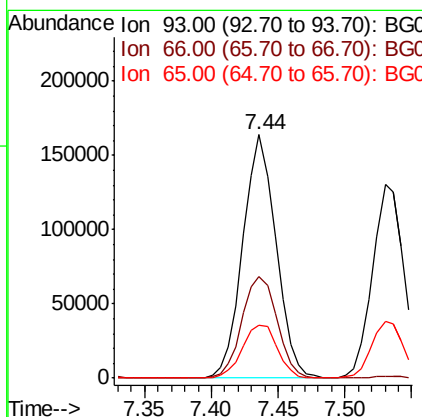
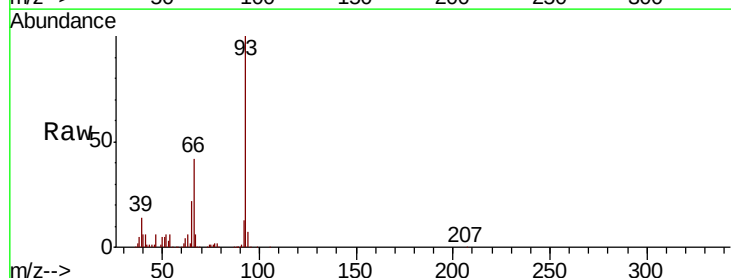
RT: 7.44 min Scan# 740

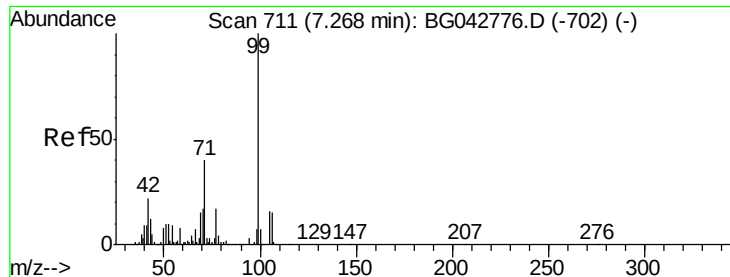
Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	93	Resp:	281059
Ion Ratio	Lower	Upper	
93	100		
66	41.6	36.3	54.5
65	21.9	19.3	28.9





#7

Phenol-d6

Concen: 118.426 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

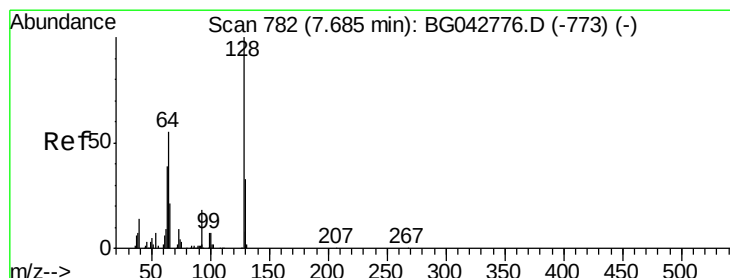
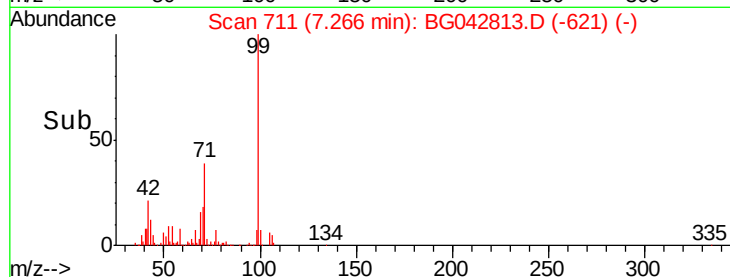
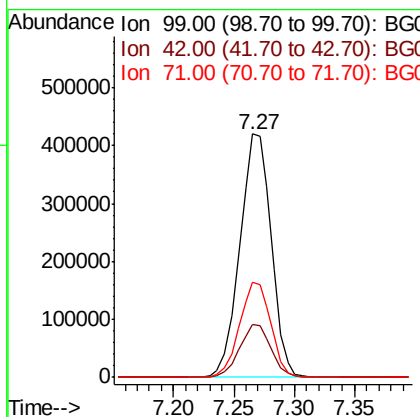
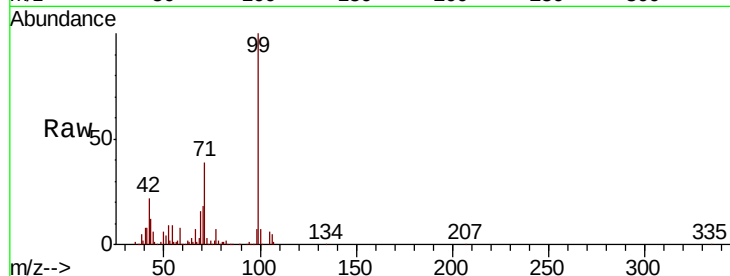
ClientSampleId :

PB123017BSD

Tot Ion:	99	Resp:	761672
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.5	26.3
71	39.3	32.0	48.0

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#8

2-Chlorophenol

Concen: 45.311 ng

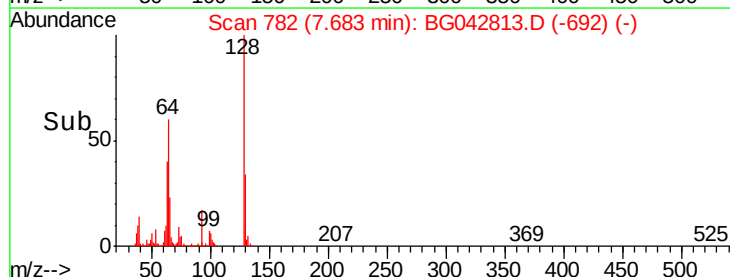
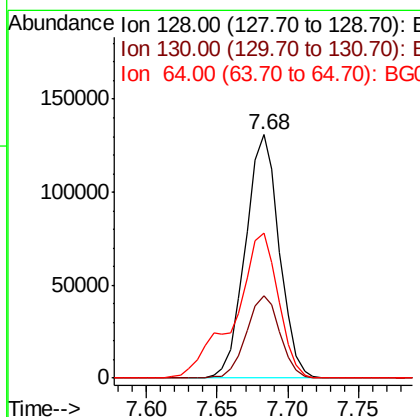
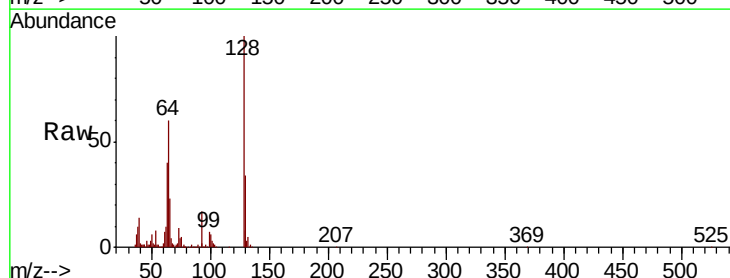
RT: 7.68 min Scan# 782

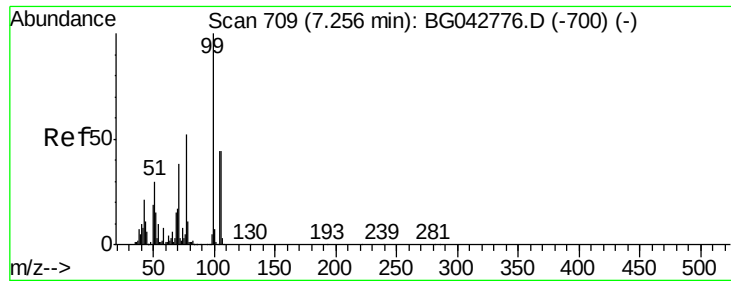
Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	128	Resp:	219468
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.8	52.8
64	59.6	36.8	76.8





#9

Benzaldehyde

Concen: 37.601 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

PB123017BSD

Tot Ion: 77 Resp: 157372

Ion Ratio Lower Upper

77 100

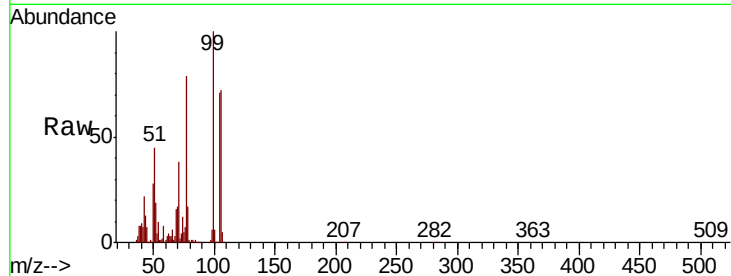
105 90.2 64.5 104.5

106 91.4 63.4 103.4

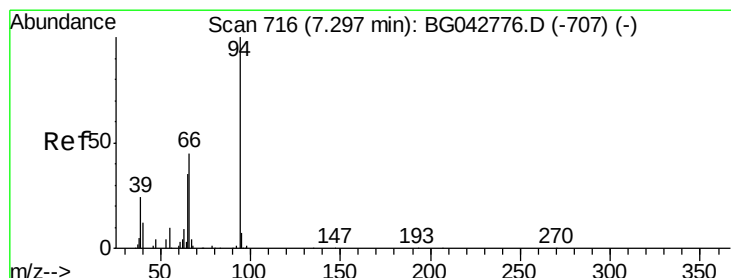
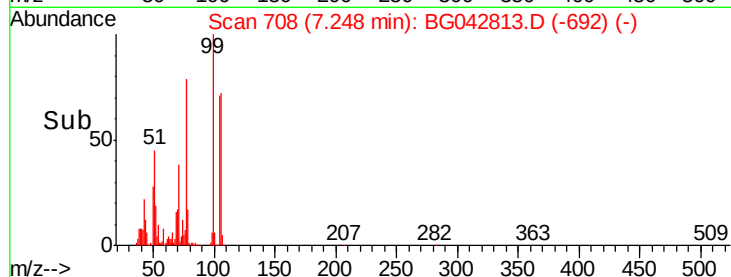
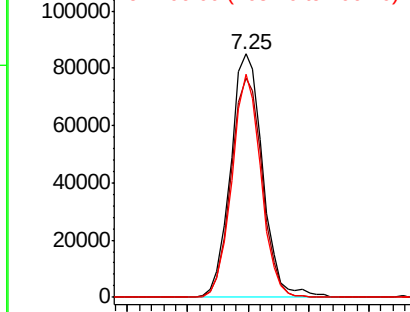
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.766 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

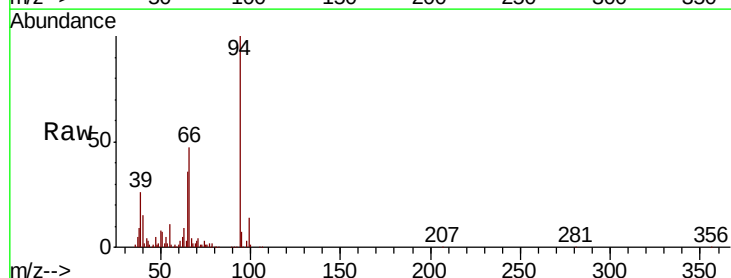
Tgt Ion: 94 Resp: 295270

Ion Ratio Lower Upper

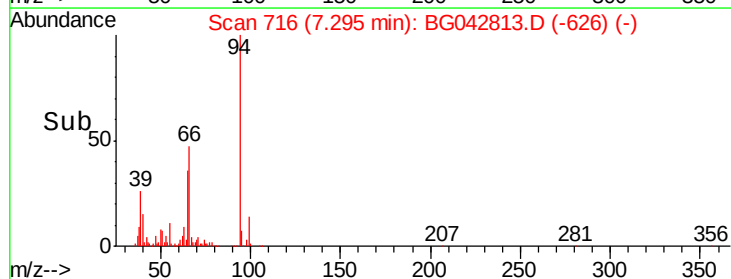
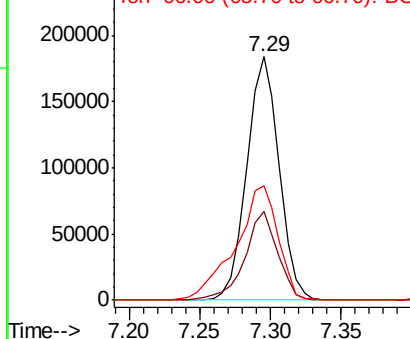
94 100

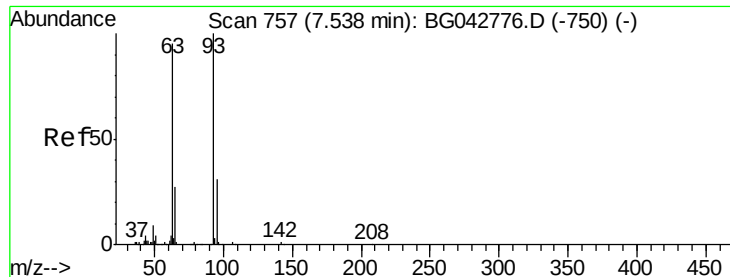
65 36.3 15.0 55.0

66 46.8 26.1 66.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





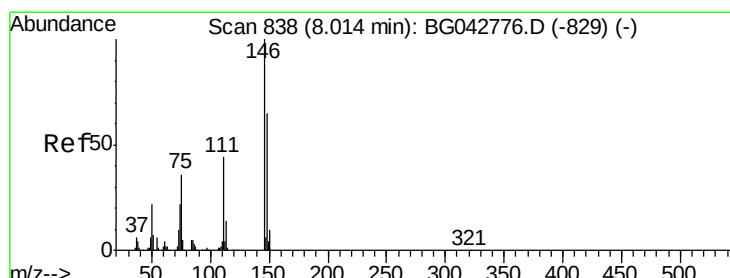
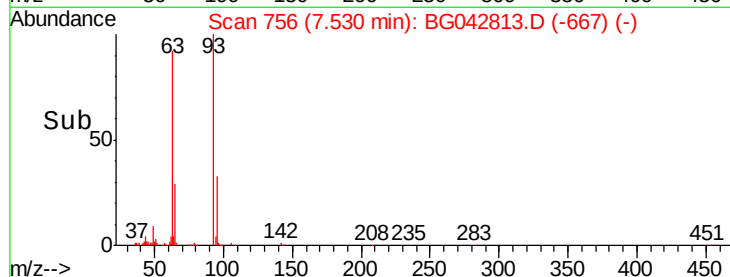
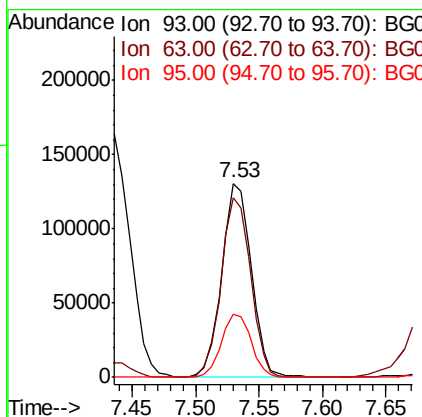
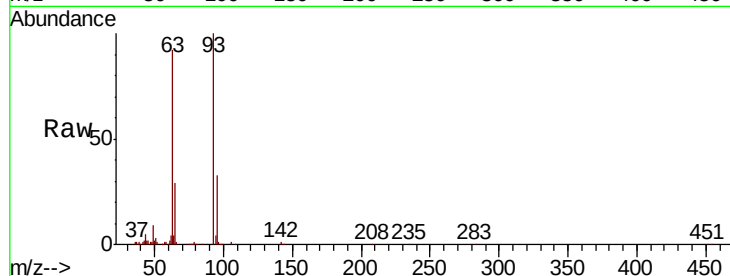
#11
bis(2-Chloroethyl)ether
Concen: 41.868 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.4	74.7	114.7
95	32.8	11.1	51.1

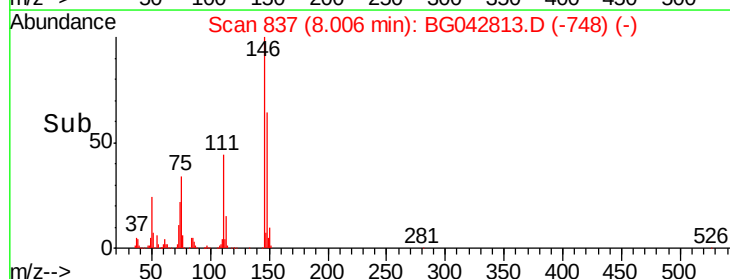
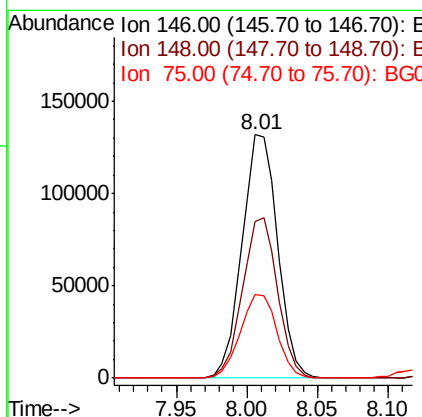
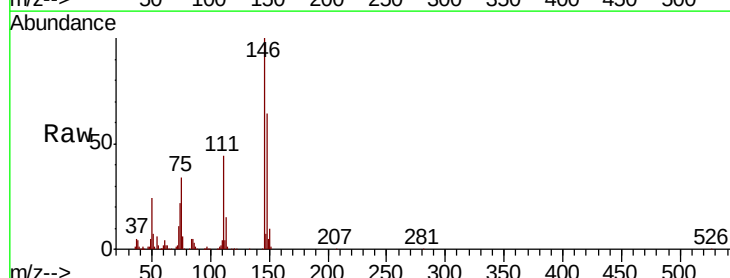
Manual Integrations
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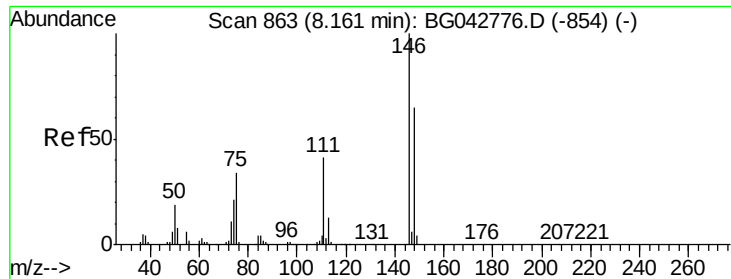
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.420 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
75	34.2	28.4	42.6





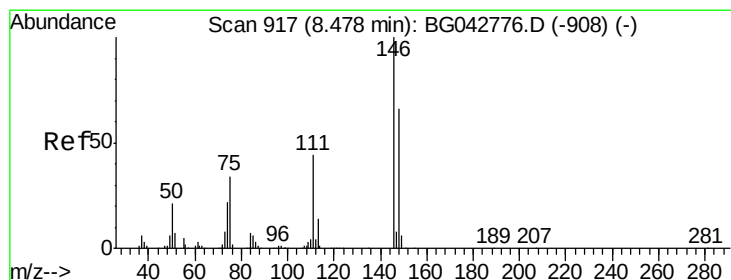
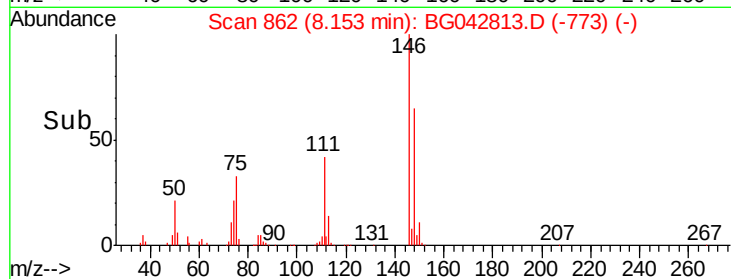
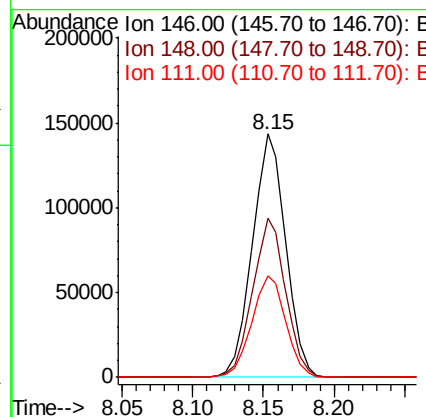
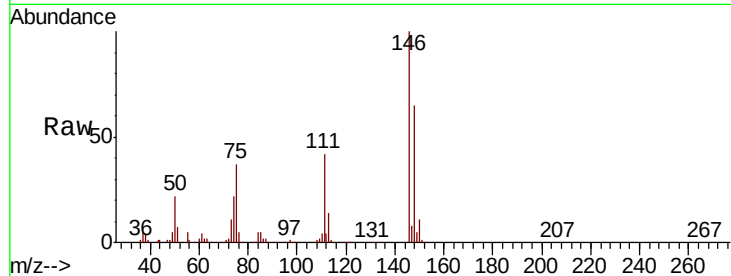
#13
 1,4-Dichlorobenzene
 Concen: 40.241 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238012		
148	65.1	52.2	78.4	
111	41.6	32.6	49.0	

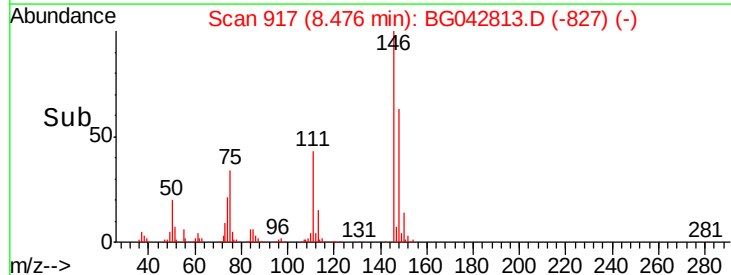
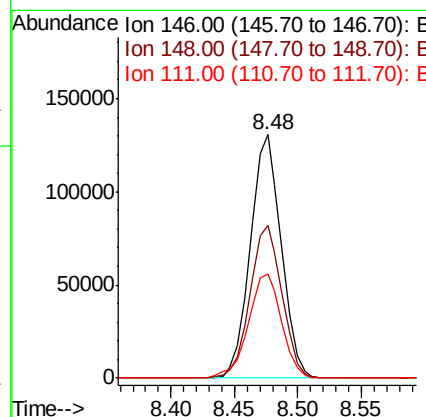
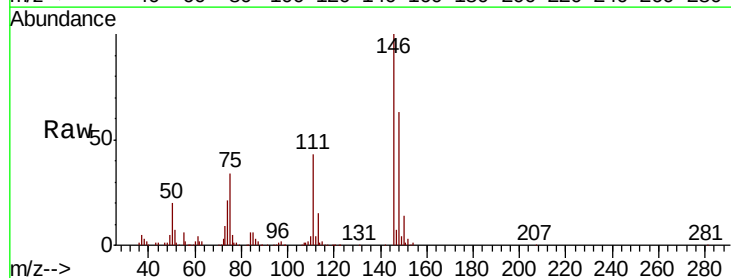
Manual Integrations
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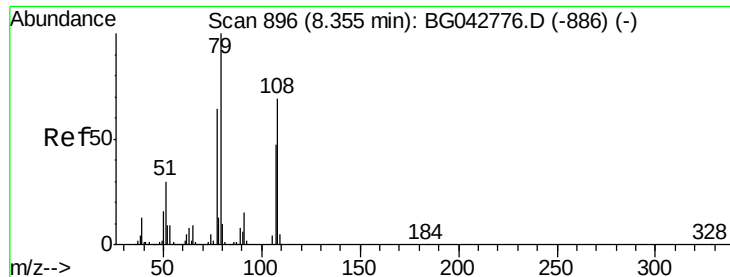
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.244 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	220951		
148	63.0	52.6	78.8	
111	42.8	35.3	52.9	





#15

Benzyl Alcohol

Concen: 42.786 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

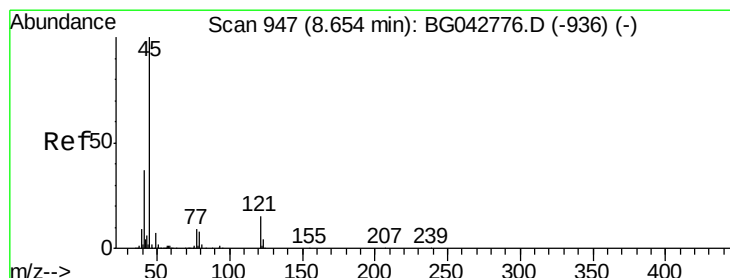
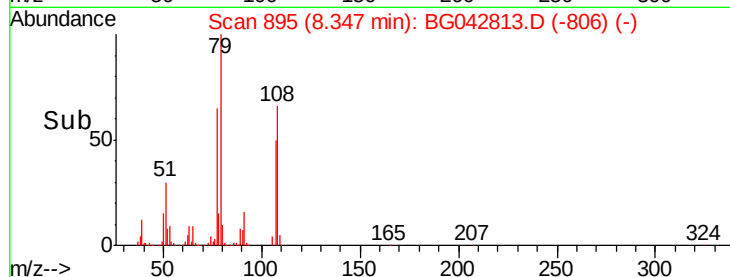
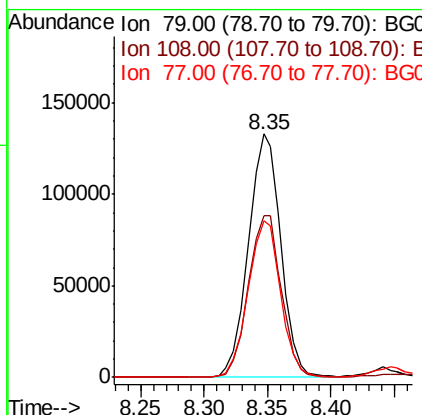
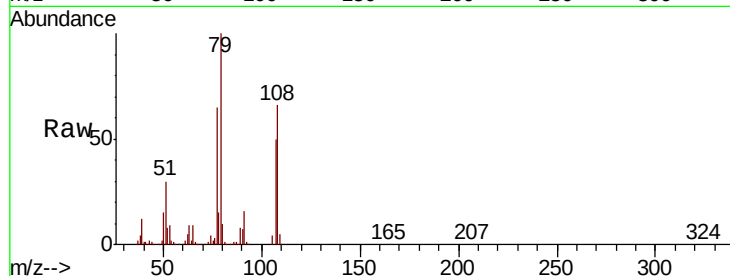
ClientSampleId :

PB123017BSD

Tot Ion:	79	Resp:	236158
Ion Ratio	Lower	Upper	
79	100		
108	66.3	54.9	82.3
77	64.5	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.345 ng

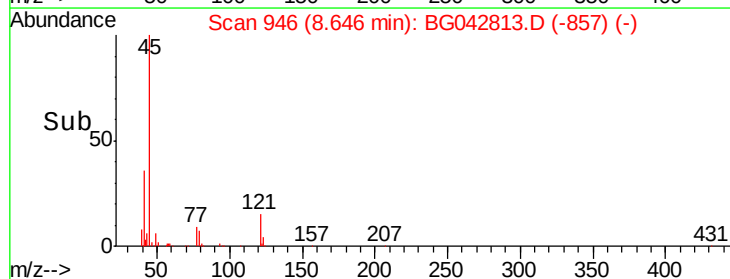
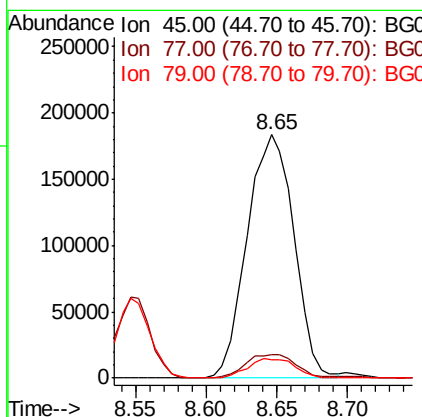
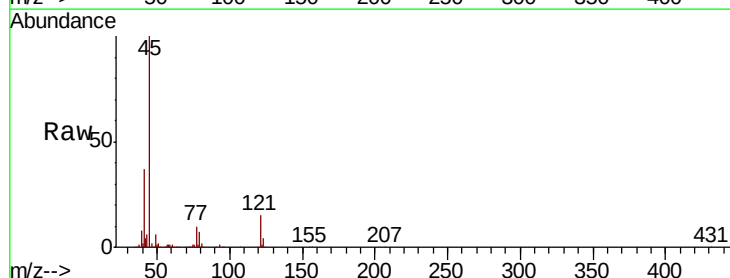
RT: 8.65 min Scan# 946

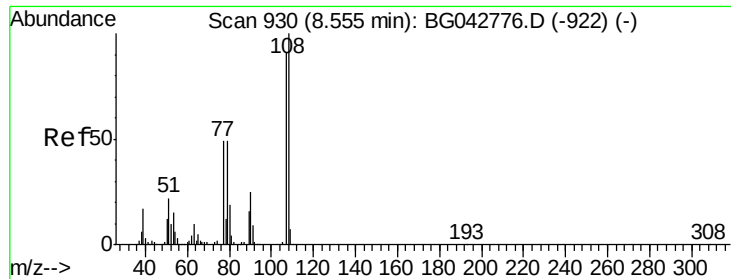
Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	45	Resp:	426253
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	29.4
79	7.4	0.0	28.4





#17

2-Methylphenol

Concen: 44.716 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

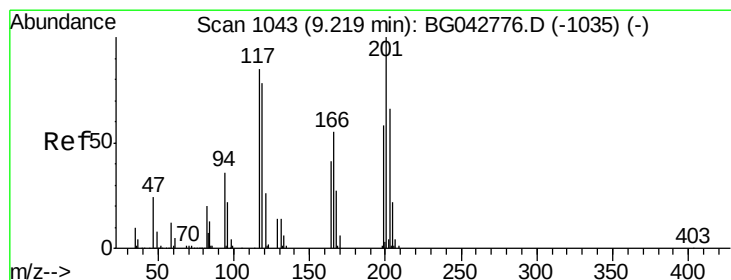
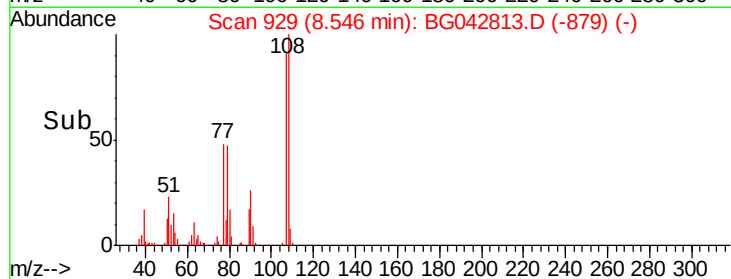
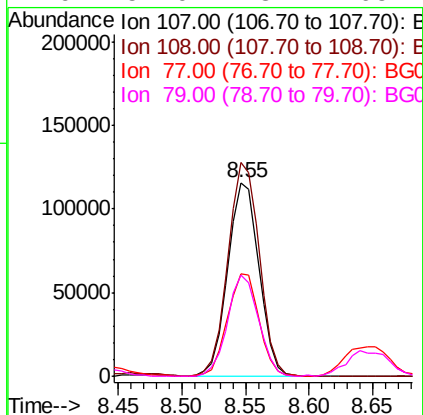
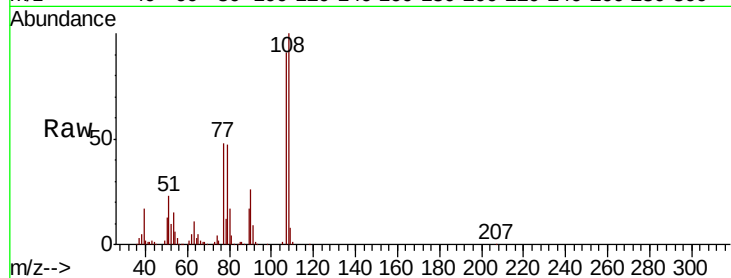
ClientSampleId :

PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	87.7	131.5	
77	52.7	42.6	64.0	
79	52.0	43.4	65.2	

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#18

Hexachloroethane

Concen: 38.391 ng

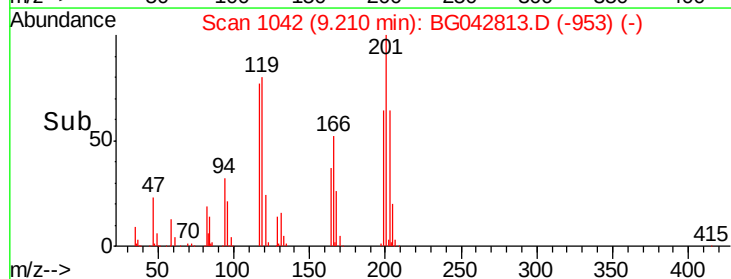
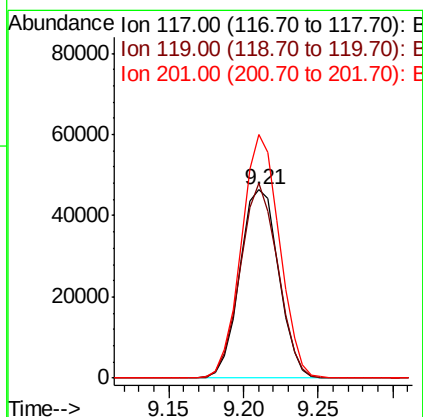
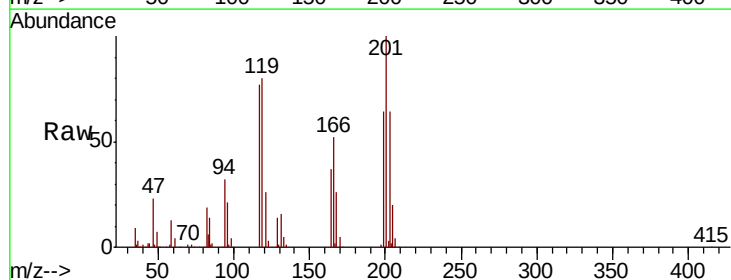
RT: 9.21 min Scan# 1042

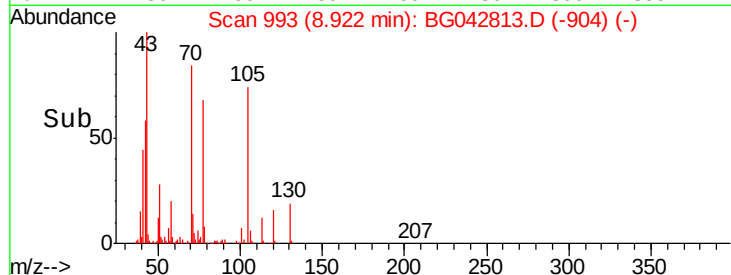
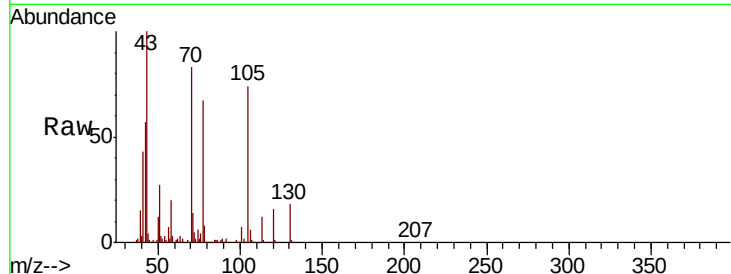
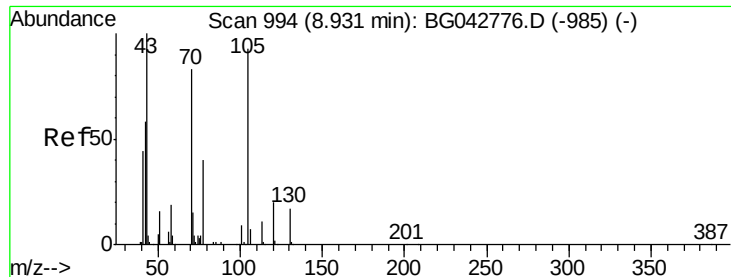
Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.2	73.8	110.8	
201	129.2	94.6	142.0	





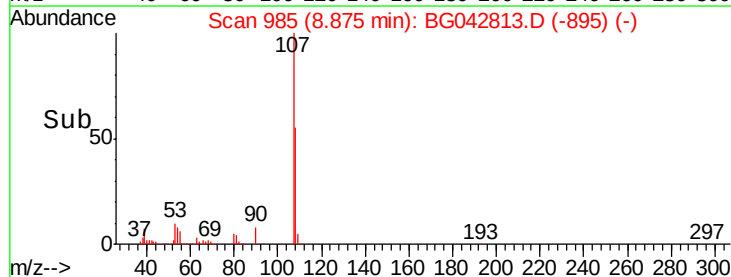
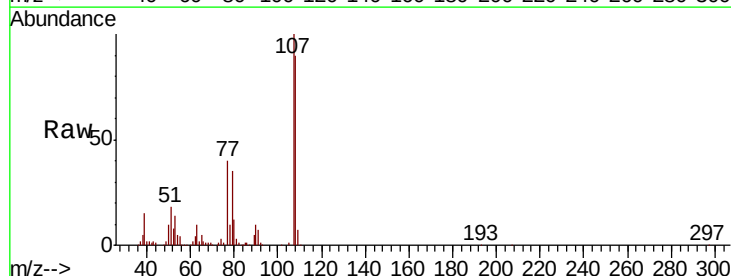
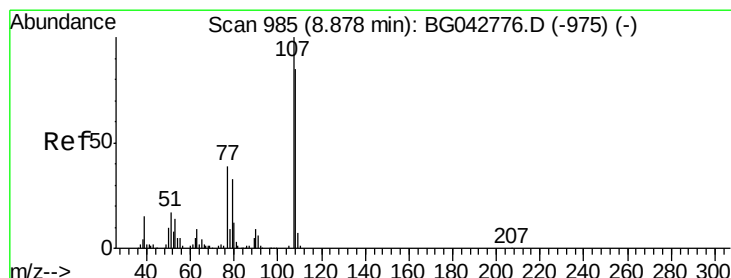
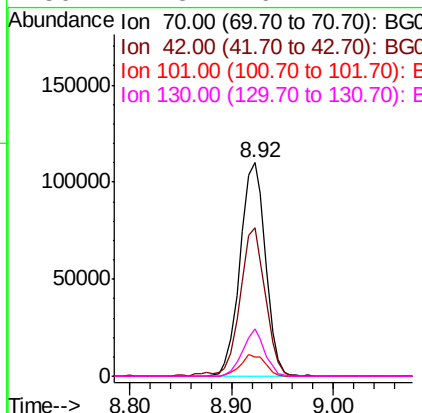
#19
n-Nitroso-di-n-propylamine
Concen: 40.286 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.2	57.0	85.6		
101	8.7	8.4	12.6		
130	22.3	16.1	24.1		

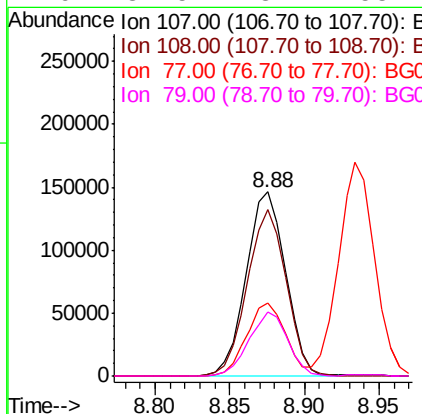
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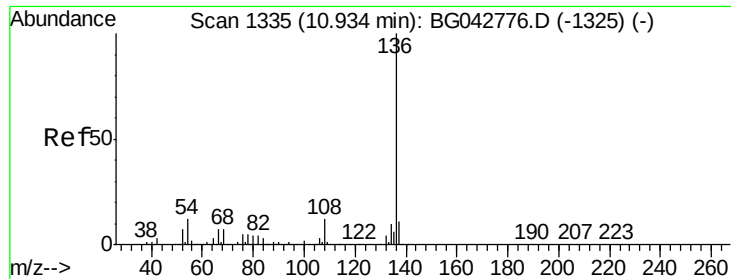
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#20
3+4-Methylphenols
Concen: 43.978 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.3	65.4	105.4		
77	39.9	18.7	58.7		
79	34.5	13.7	53.7		





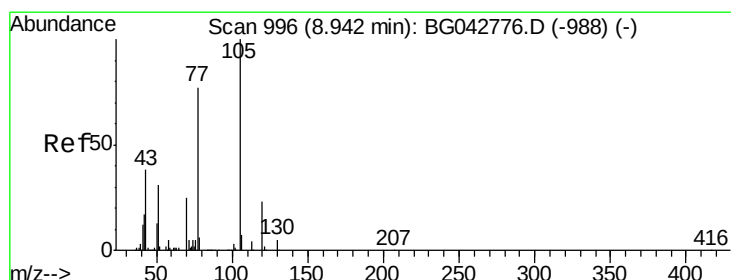
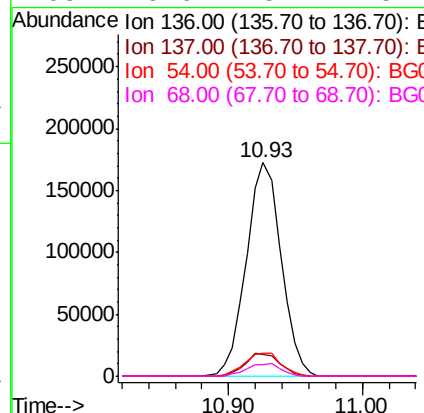
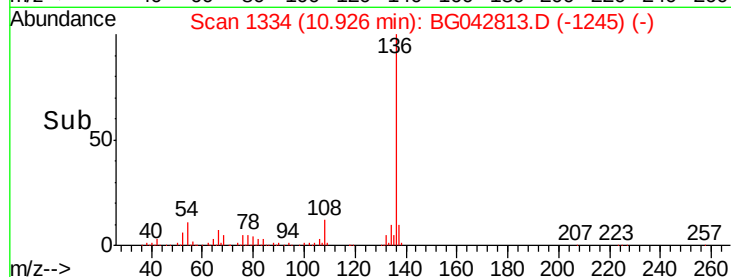
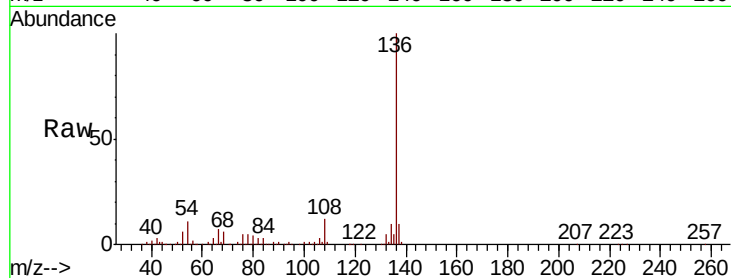
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	310451		
137	10.2		9.0	13.6
54	10.7		9.4	14.0
68	5.6		5.4	8.2

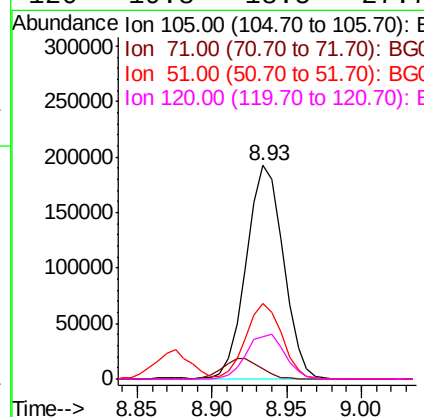
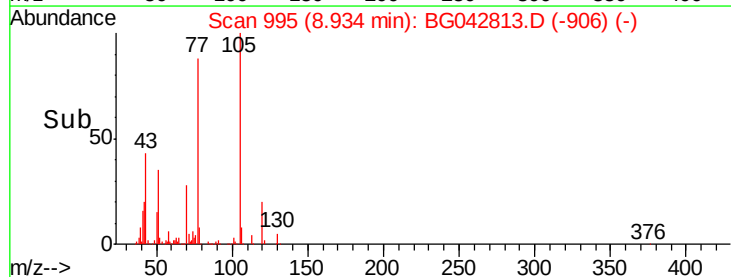
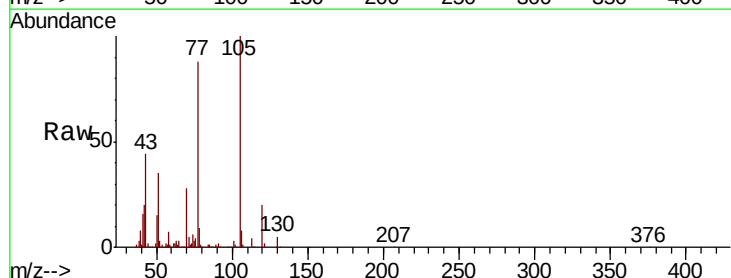
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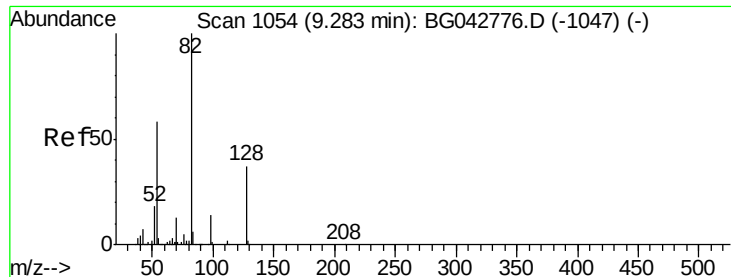
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#22
Acetophenone
Concen: 42.101 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330093		
71	4.7		3.7	5.5
51	35.3		28.8	43.2
120	19.8		18.5	27.7





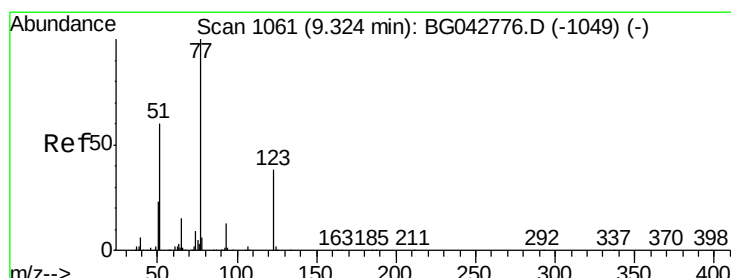
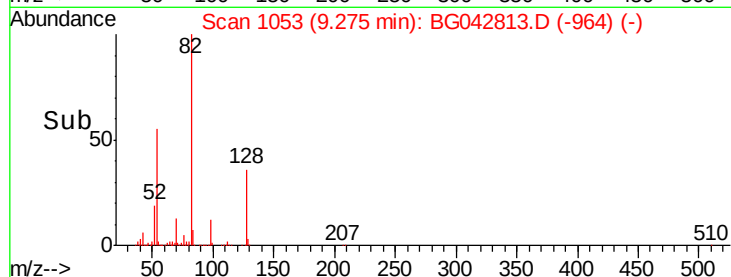
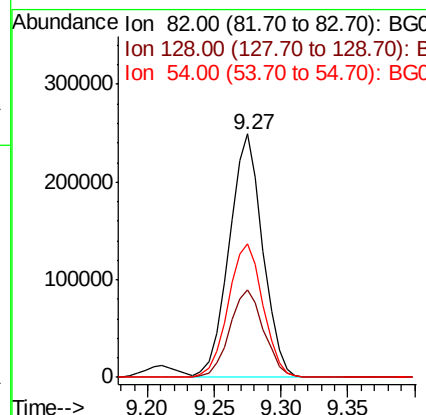
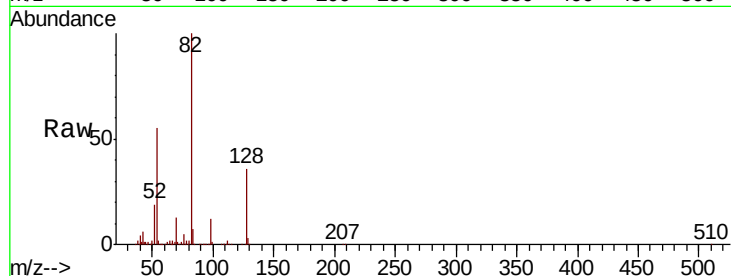
#23
 Nitrobenzene-d5
 Concen: 73.110 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.8	44.8
54	55.0	46.1	69.1

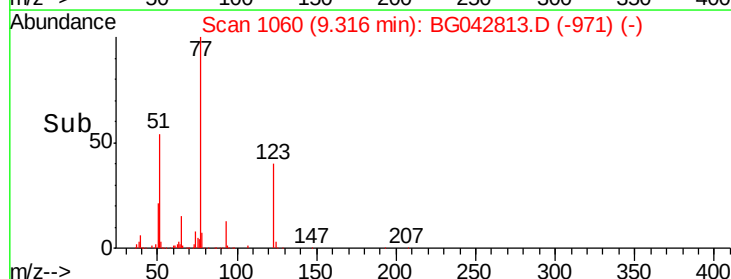
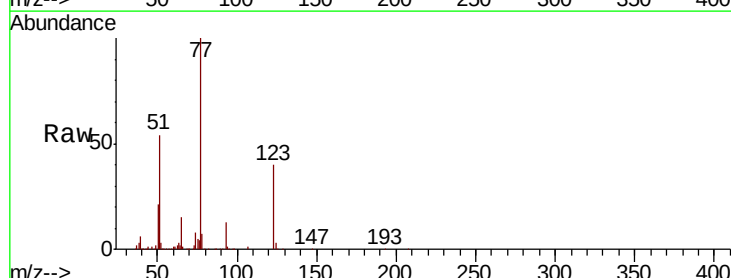
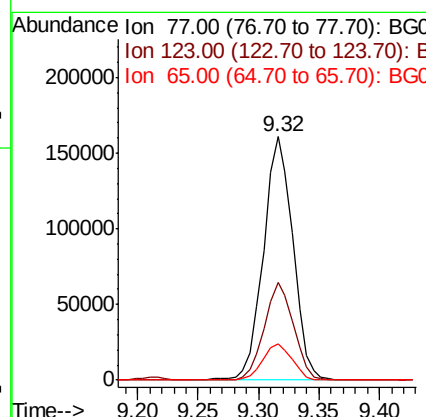
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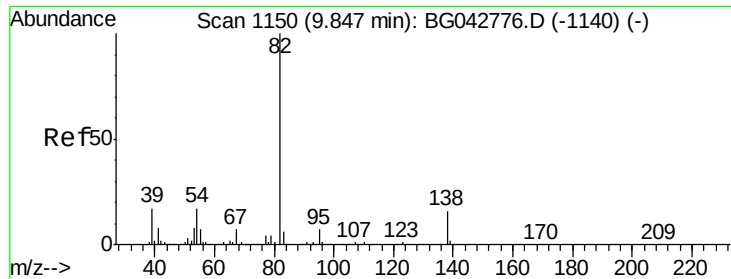
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#24
 Nitrobenzene
 Concen: 43.404 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.3	30.7	46.1
65	14.9	12.2	18.4





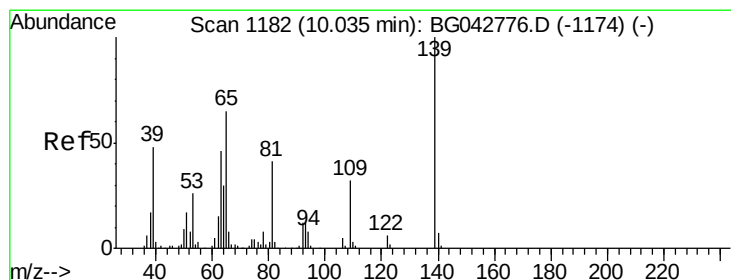
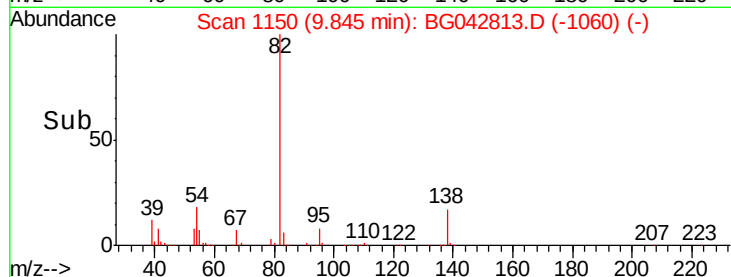
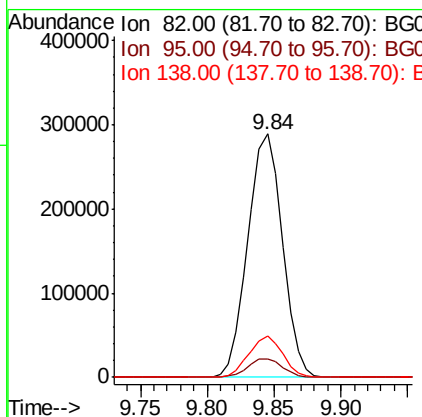
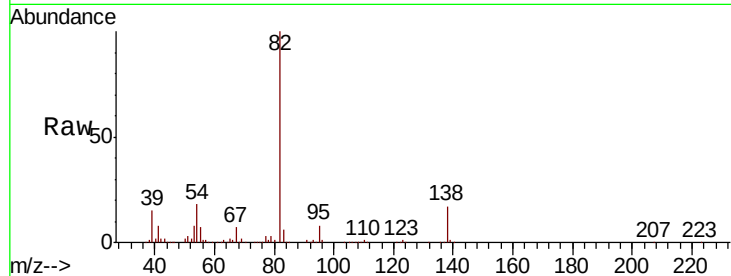
#25
Isophorone
Concen: 41.754 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	518983		
95	7.6		5.8	8.8
138	17.2		12.9	19.3

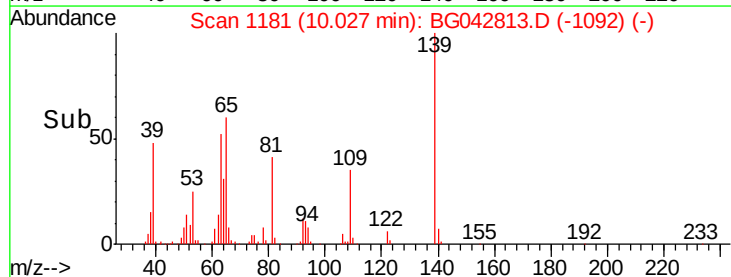
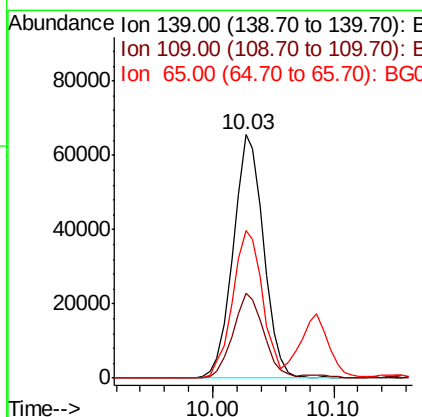
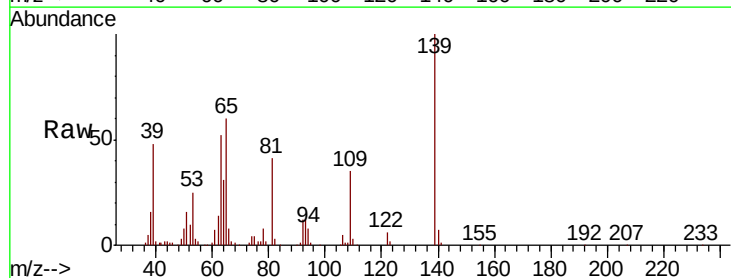
Manual Integrations
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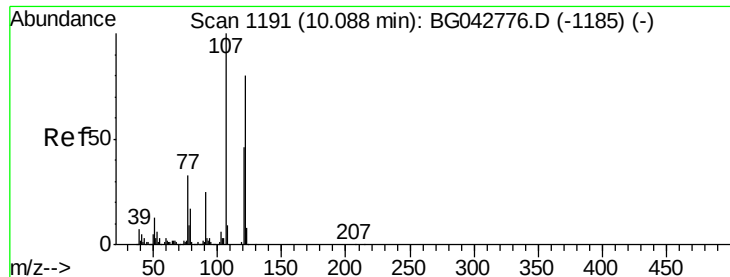
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#26
2-Nitrophenol
Concen: 46.665 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	114855		
109	34.9		25.8	38.8
65	60.5		52.2	78.2





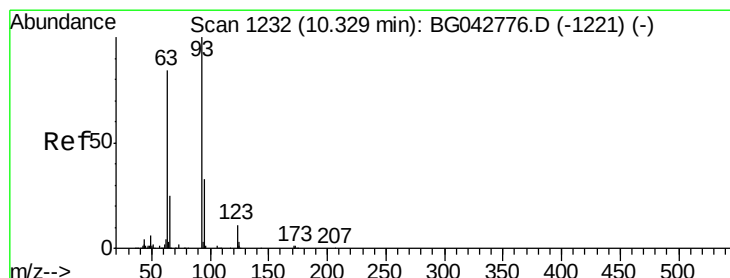
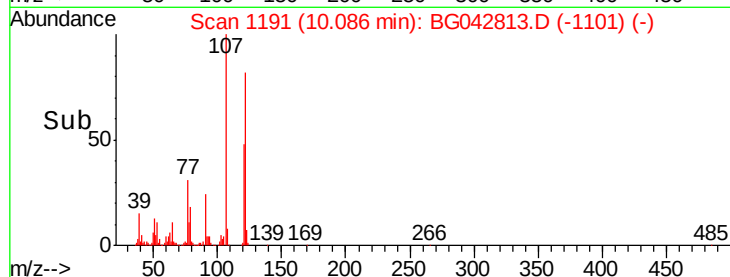
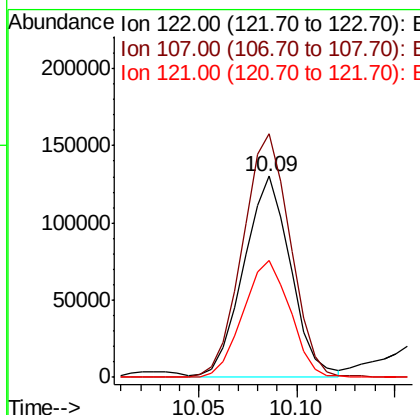
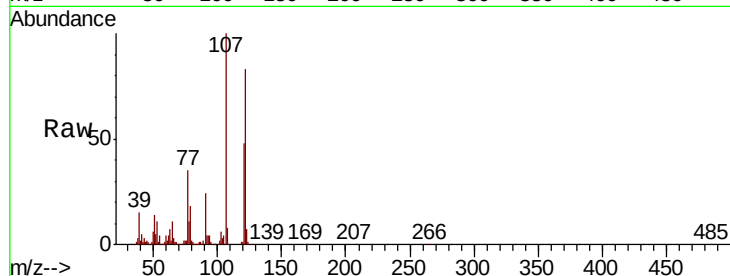
#27
2,4-Dimethylphenol
Concen: 49.604 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	215962		
107	121.1	98.9	148.3	
121	58.3	46.2	69.2	

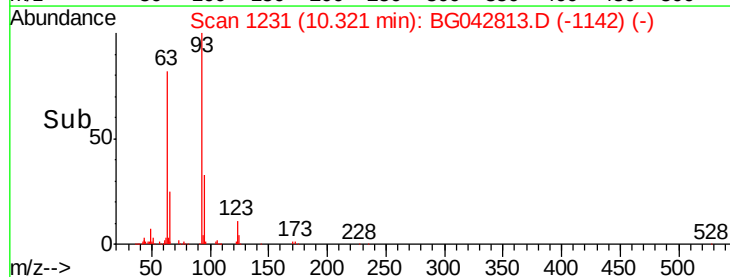
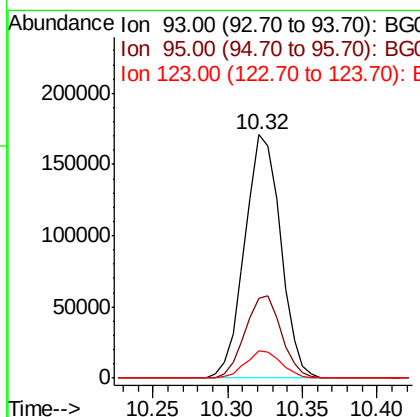
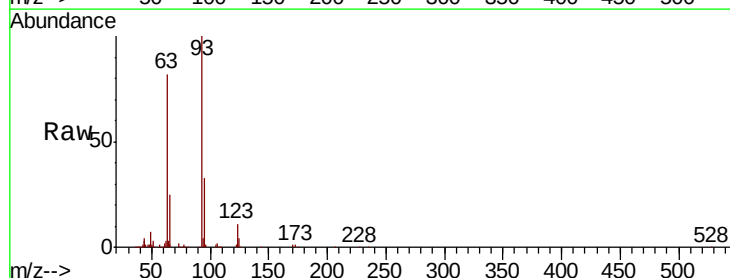
Manual Integrations
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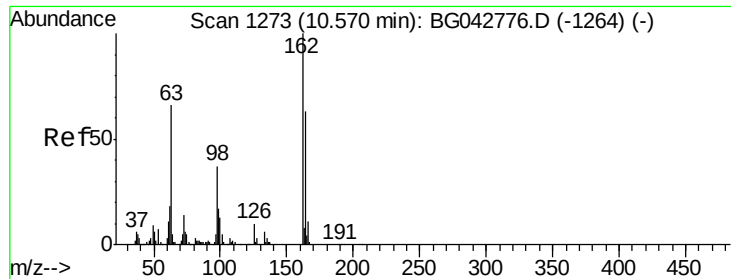
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.079 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	284741		
95	33.0	26.6	40.0	
123	11.1	9.0	13.6	





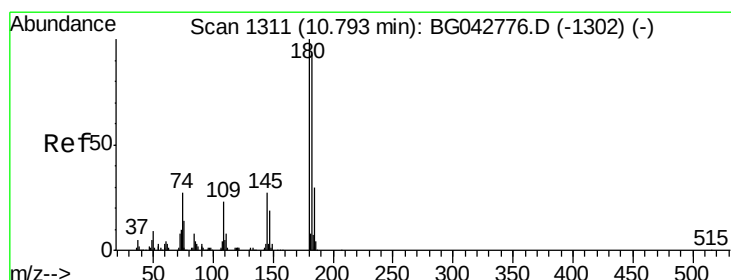
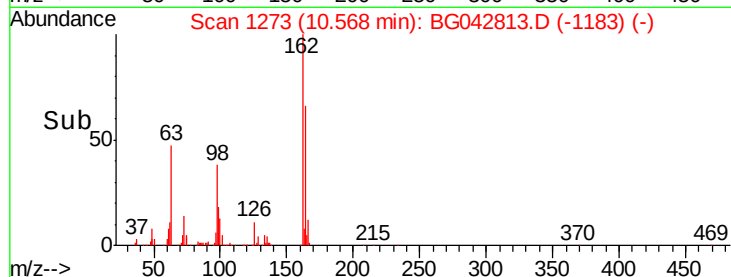
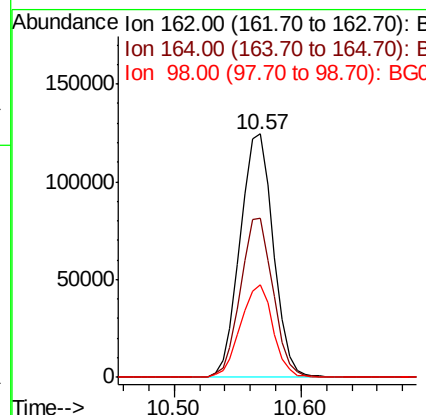
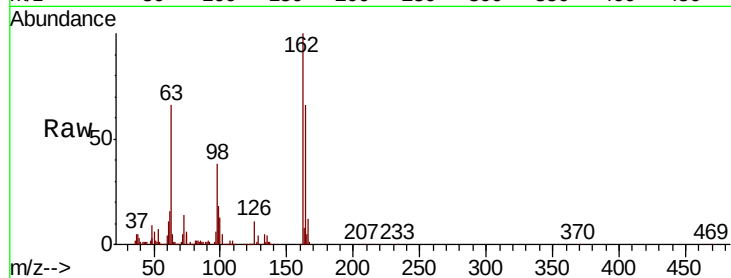
#29
 2,4-Dichlorophenol
 Concen: 44.717 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion:	162	Resp:	226239
Ion Ratio	Lower	Upper	
162	100		
164	65.5	43.4	83.4
98	38.0	17.0	57.0

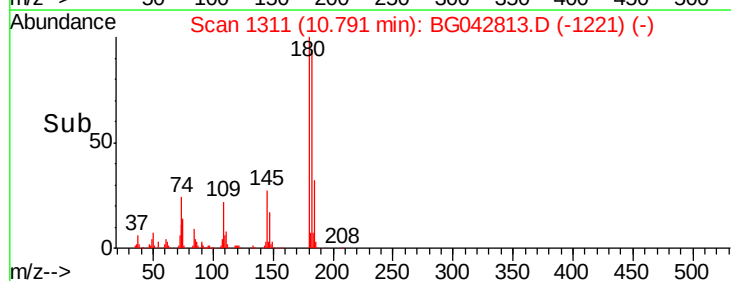
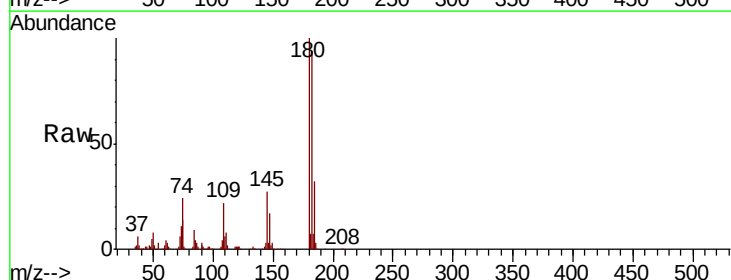
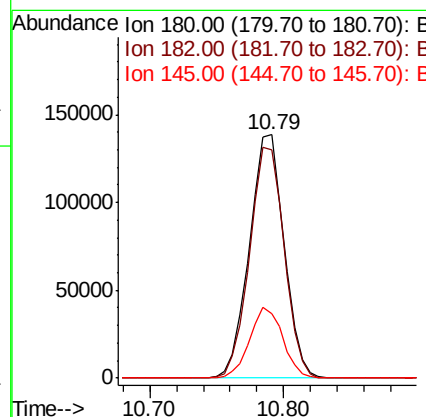
Manual Integrations
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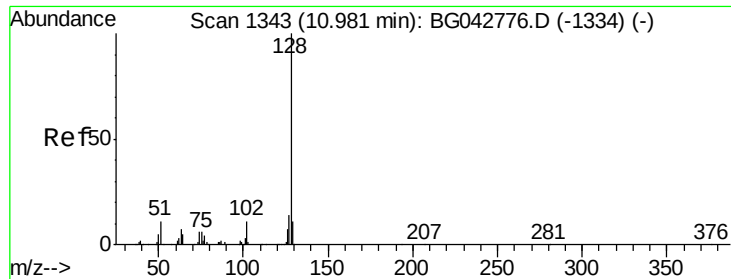
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.128 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion:	180	Resp:	247873
Ion Ratio	Lower	Upper	
180	100		
182	93.6	74.6	112.0
145	26.6	21.8	32.6





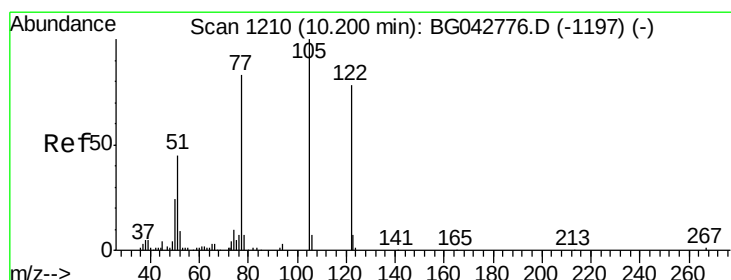
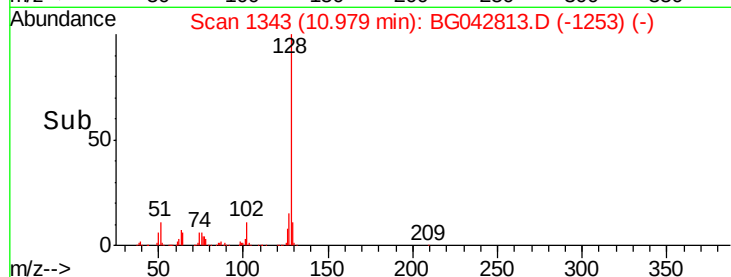
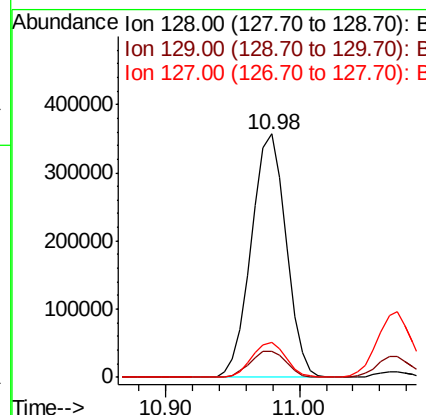
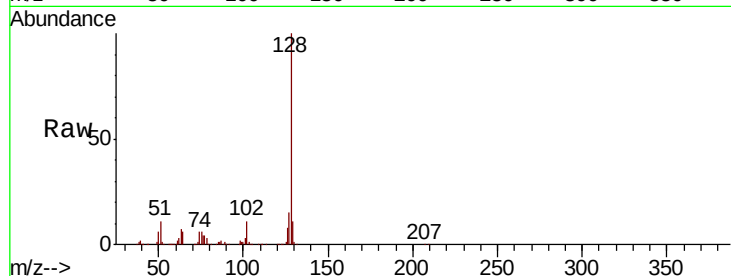
#31
Naphthalene
Concen: 41.882 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.0	13.6	
127	14.6	11.4	17.2	

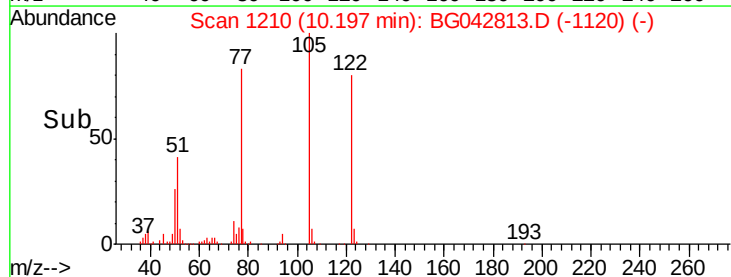
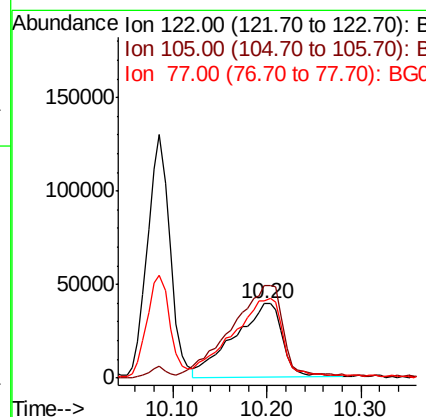
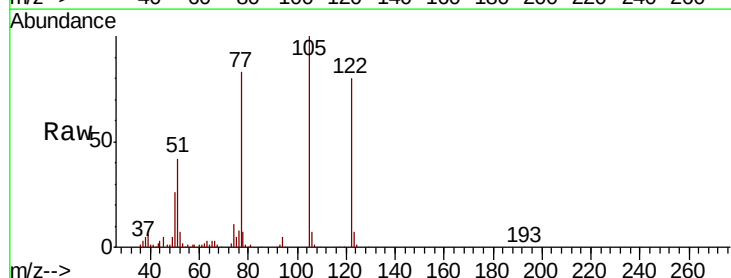
Manual Integrations
APPROVED

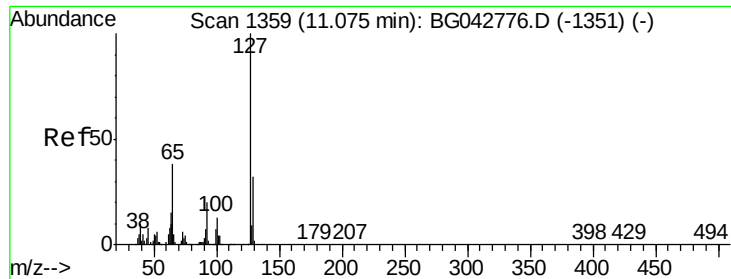
mohammad
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#32
Benzoic acid
Concen: 40.696 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.8	104.0	144.0	
77	103.4	84.2	124.2	





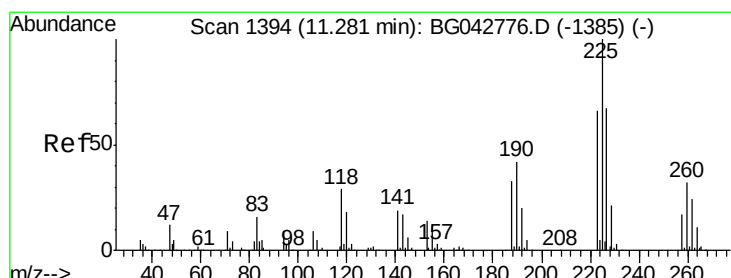
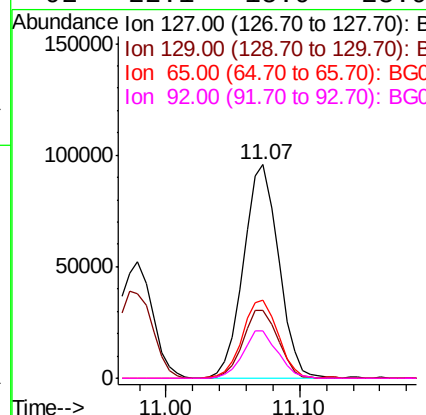
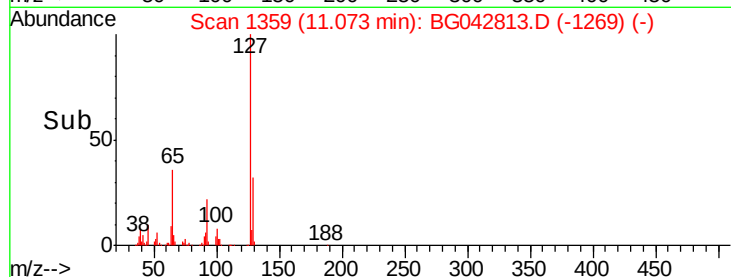
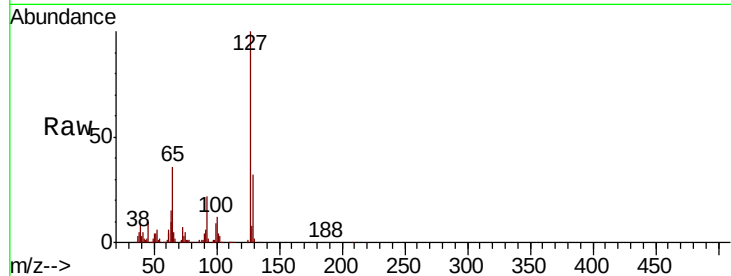
#33
4-Chloroaniline
Concen: 24.316 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampled :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	174208		
129	31.7	25.8	38.6	
65	36.5	30.5	45.7	
92	22.1	15.9	23.9	

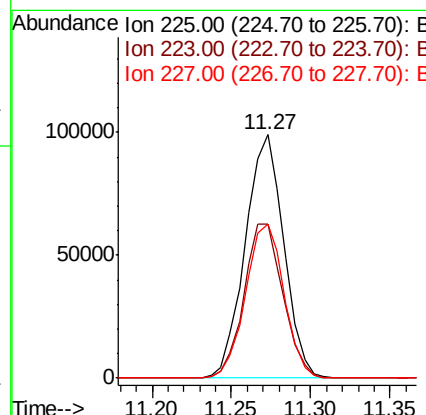
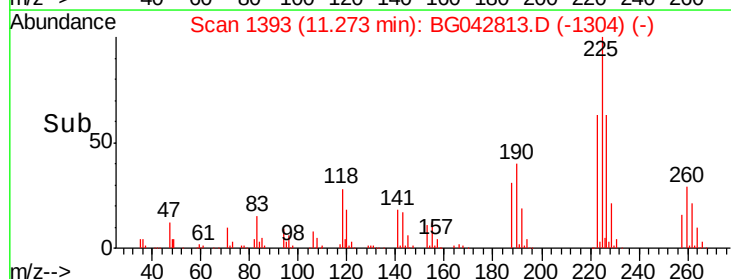
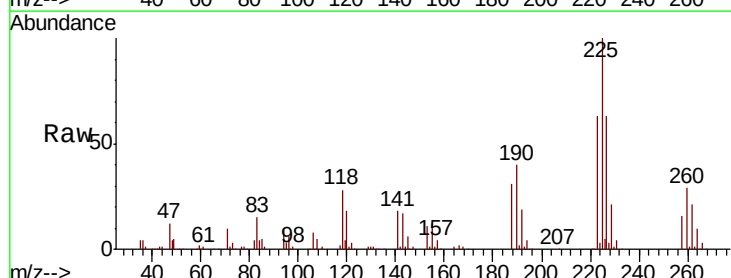
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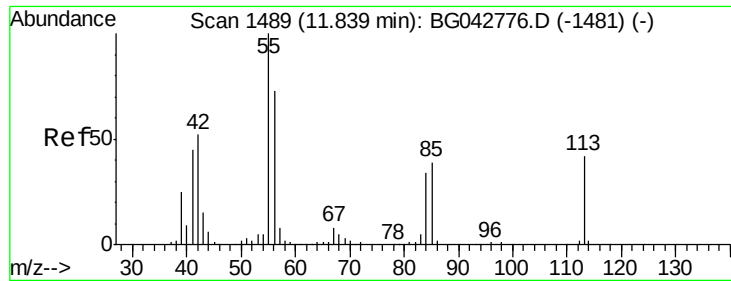
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#34
Hexachlorobutadiene
Concen: 38.566 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166906		
223	63.2	52.6	79.0	
227	63.1	53.6	80.4	





#35

Caprolactam

Concen: 42.222 ng/mL

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleID :

PB123017BSD

Tot Ion:113 Resp: 79437

Ion Ratio Lower Upper

113 100

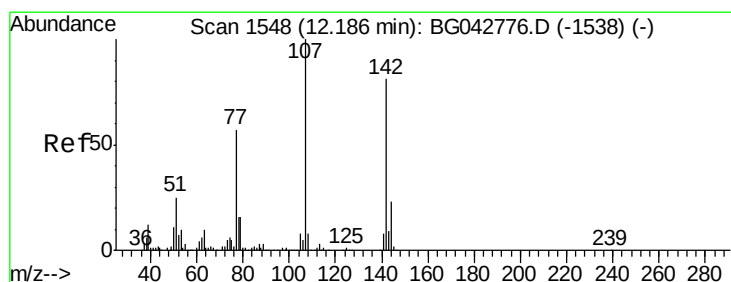
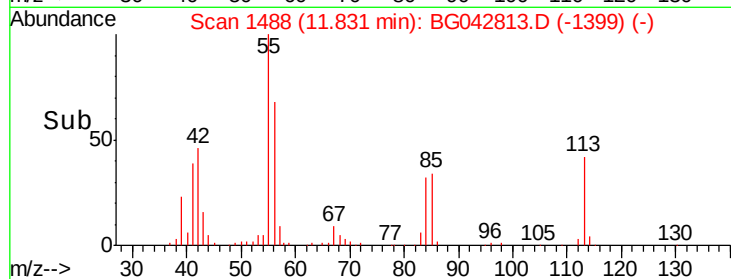
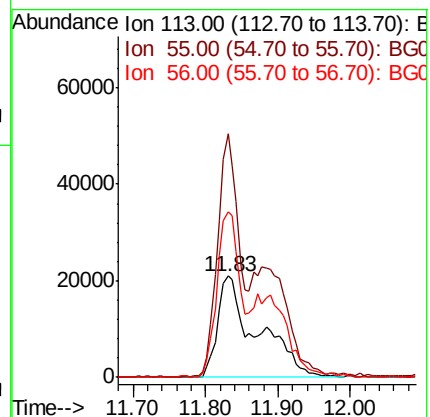
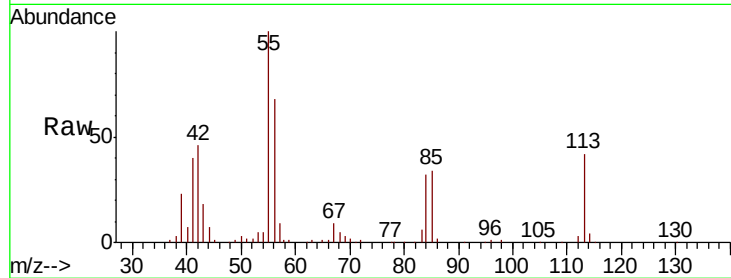
55 240.4 218.4 258.4

56 163.0 154.8 194.8

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#36

4-Chloro-3-methylphenol

Concen: 45.700 ng/mL

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

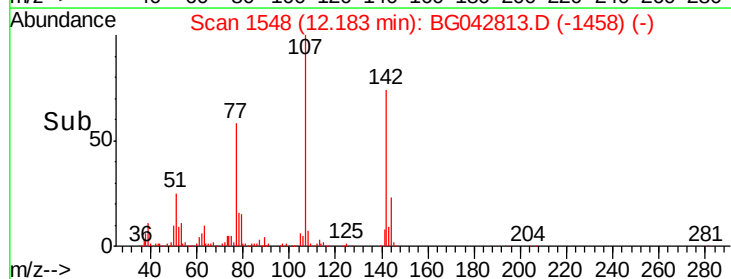
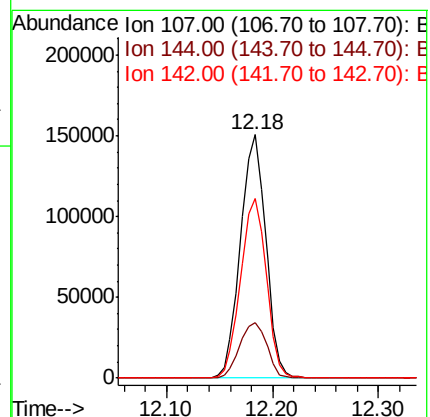
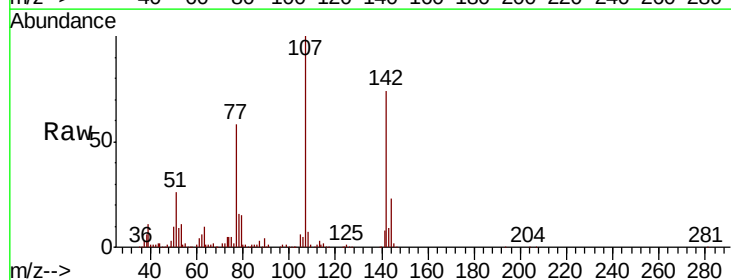
Tgt Ion:107 Resp: 251041

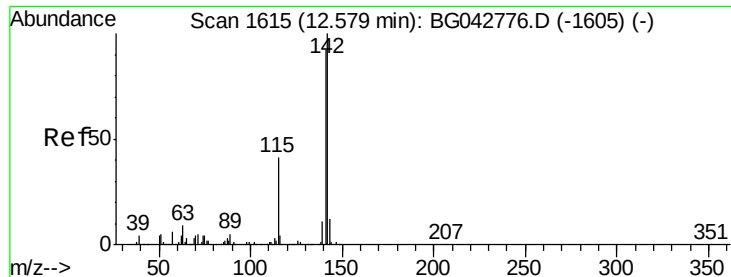
Ion Ratio Lower Upper

107 100

144 23.0 18.7 28.1

142 74.0 65.0 97.4





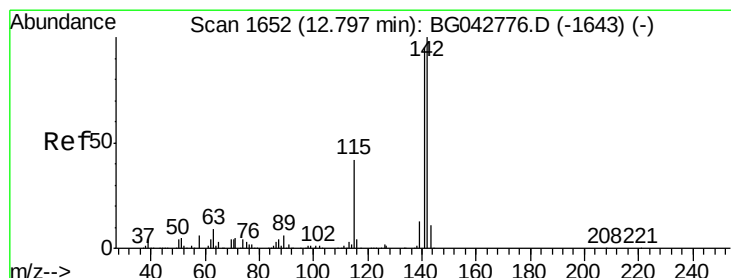
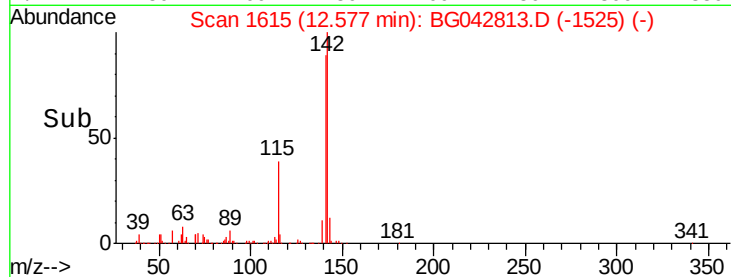
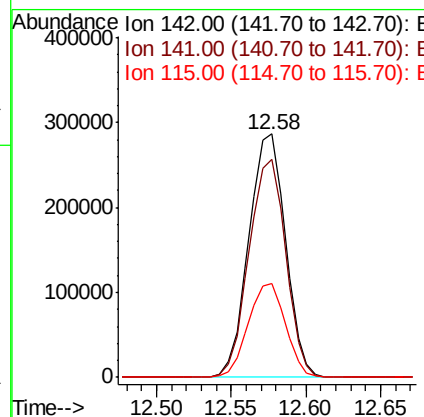
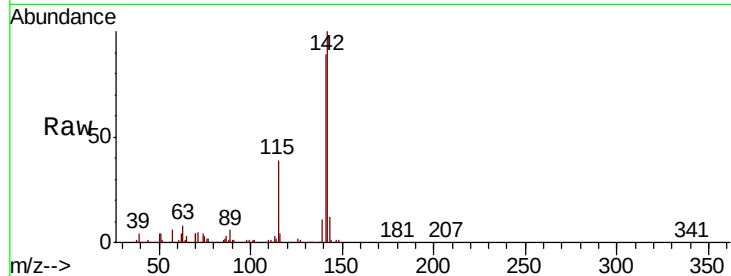
#37
2-Methylnaphthalene
Concen: 42.486 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	487829		
141	89.4	73.8	110.8	
115	38.8	33.0	49.4	

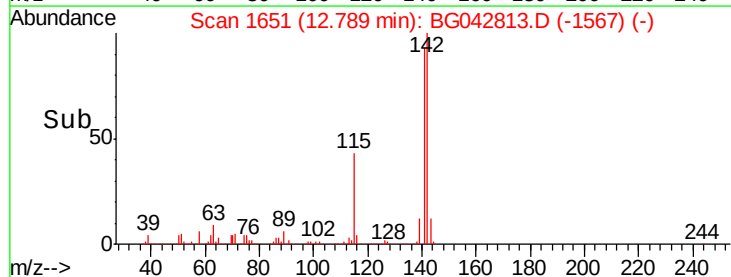
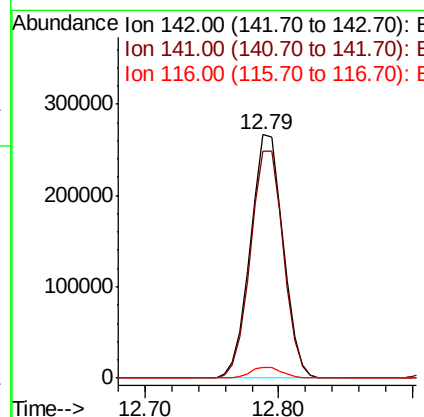
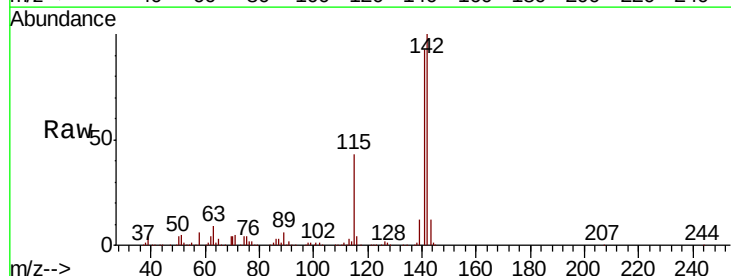
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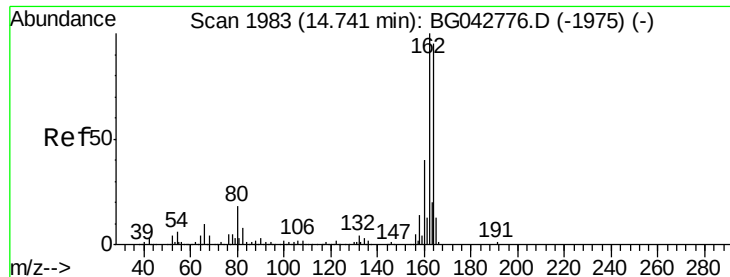
mohammad
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#38
1-Methylnaphthalene
Concen: 41.787 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	450006		
141	93.2	76.3	114.5	
116	4.2	3.4	5.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

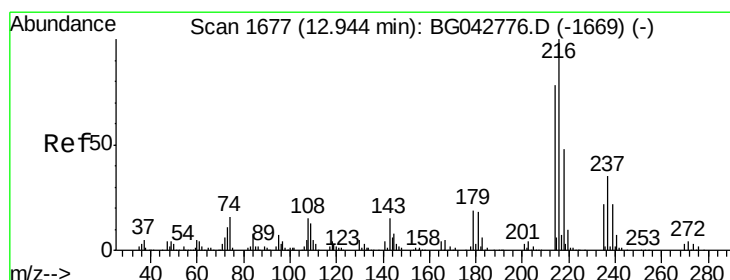
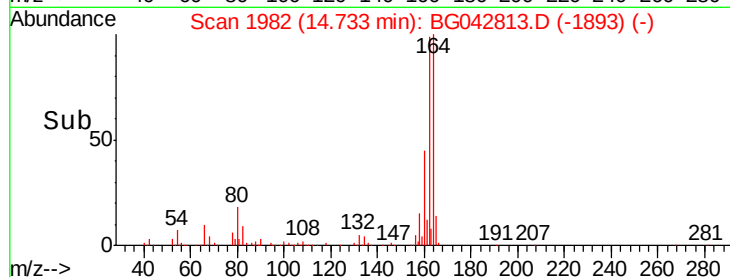
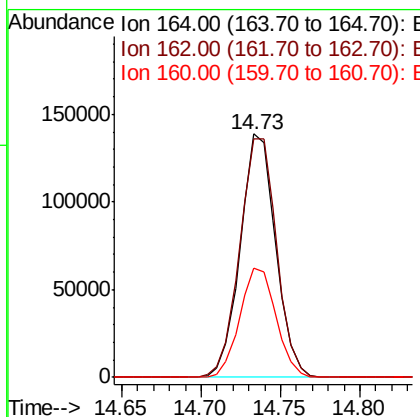
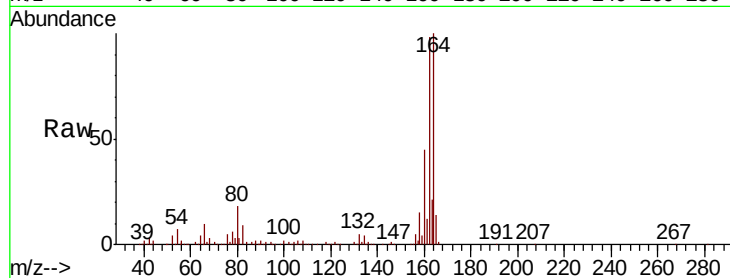
ClientSampleId :

PB123017BSD

Tot Ion:	164	Resp:	214451
Ion Ratio	Lower	Upper	
164	100		
162	98.0	84.6	126.8
160	44.8	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.871 ng

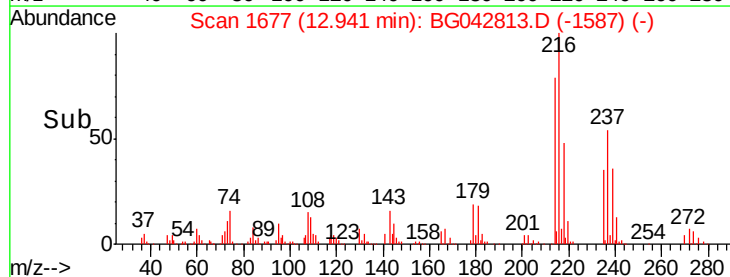
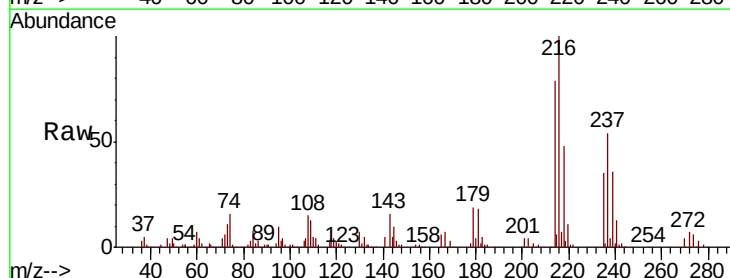
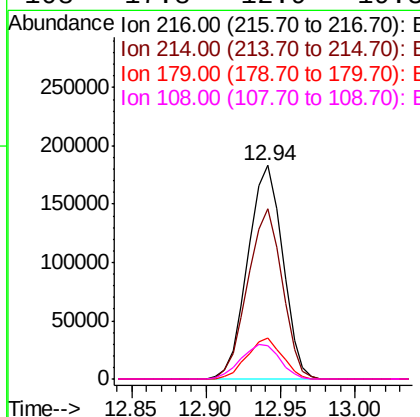
RT: 12.94 min Scan# 1677

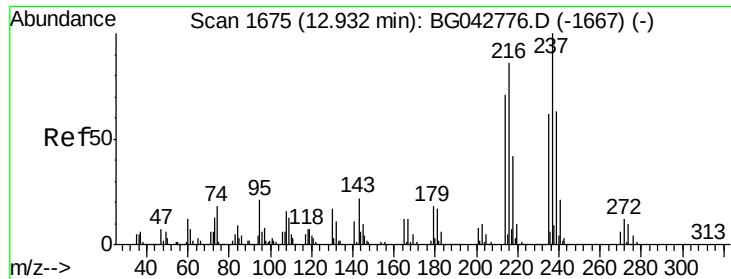
Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	216	Resp:	296715
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.8	94.2
179	19.1	15.3	22.9
108	17.8	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 97.364 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

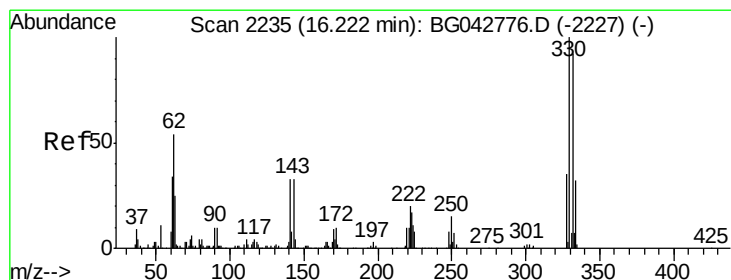
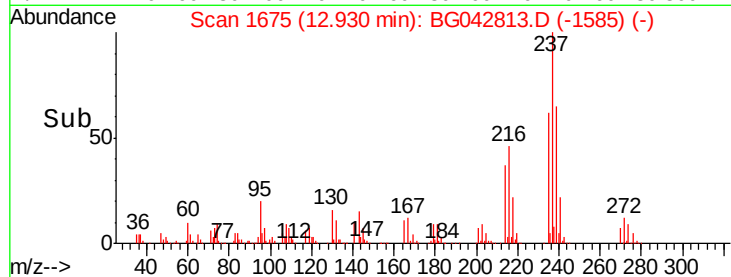
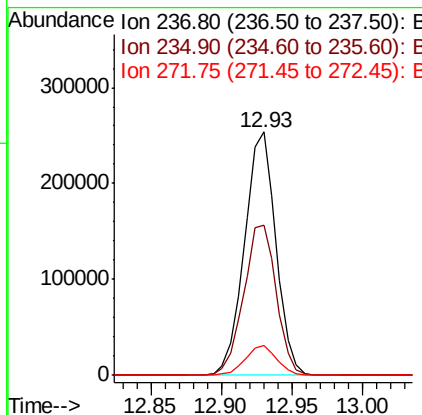
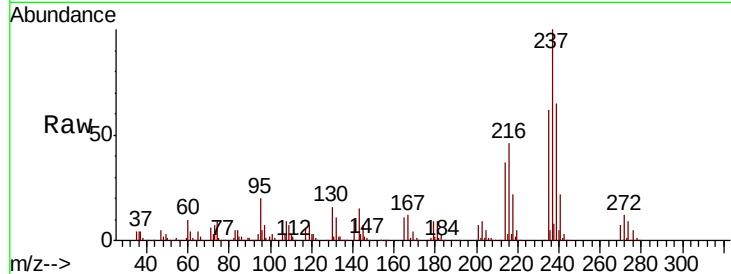
ClientSampleId :

PB123017BSD

Tot Ion:	237	Resp:	395260
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.9	81.9
272	12.3	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 111.340 ng

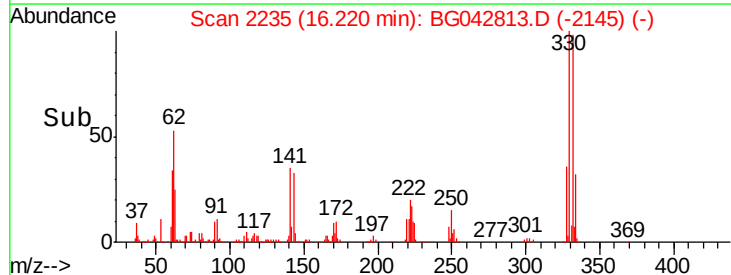
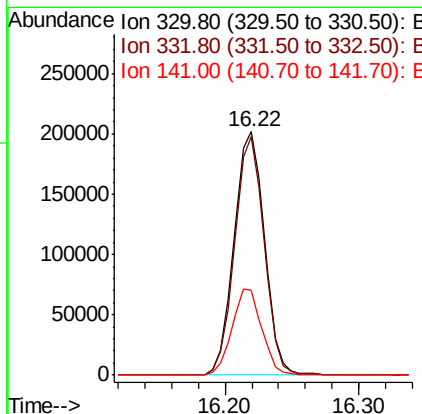
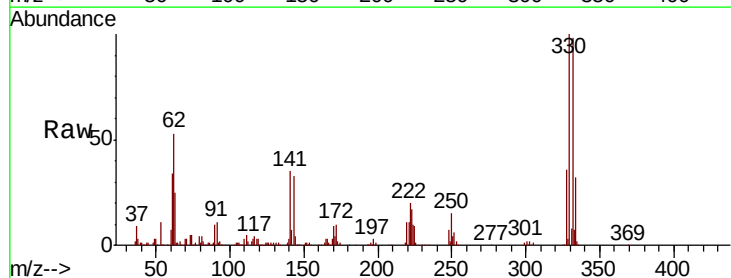
RT: 16.22 min Scan# 2235

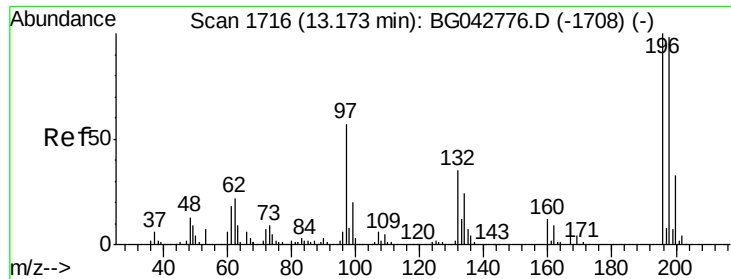
Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	330	Resp:	317664
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.7	115.1
141	34.8	27.0	40.6





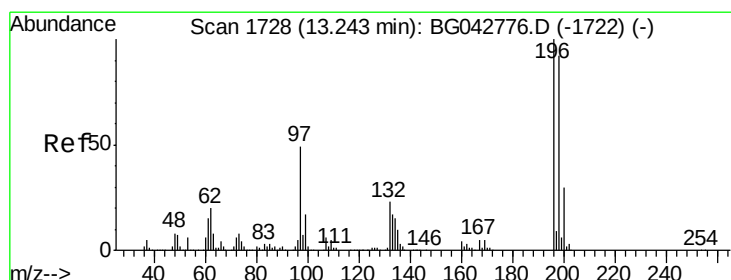
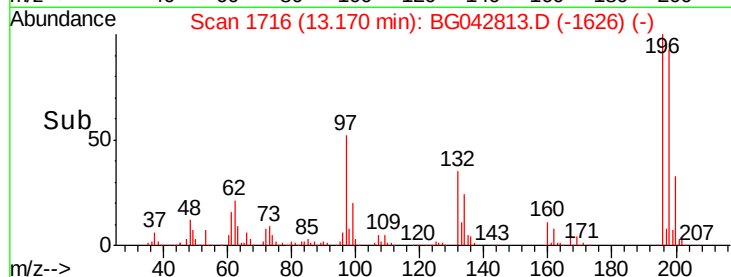
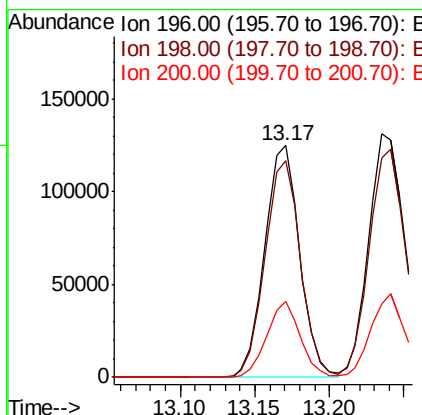
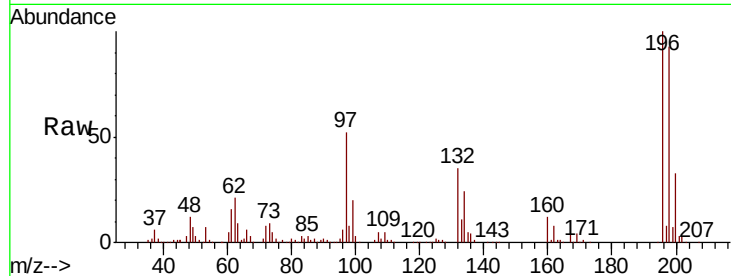
#43
 2,4,6-Trichlorophenol
 Concen: 43.011 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202920		
198	93.4	78.8	118.2	
200	32.7	26.2	39.4	

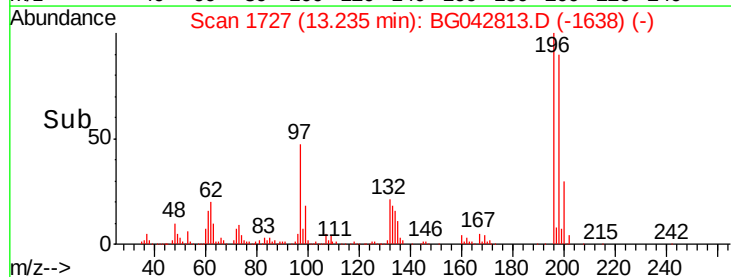
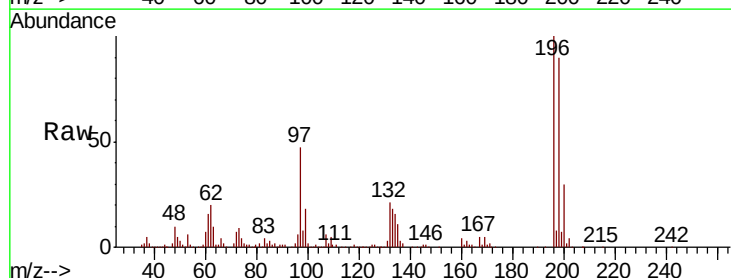
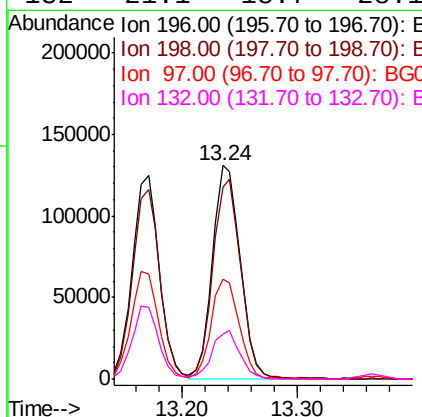
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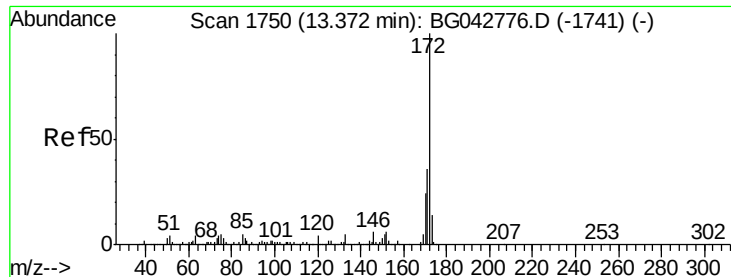
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.223 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218537		
198	90.1	73.4	110.0	
97	46.7	39.2	58.8	
132	21.1	18.7	28.1	





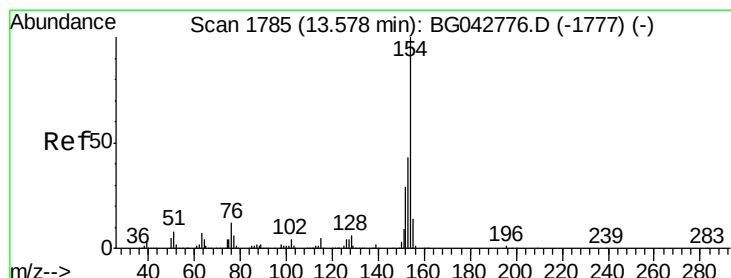
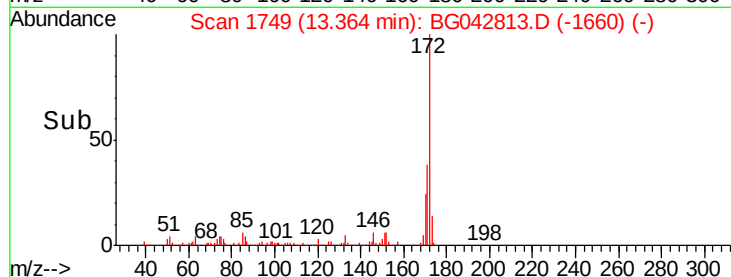
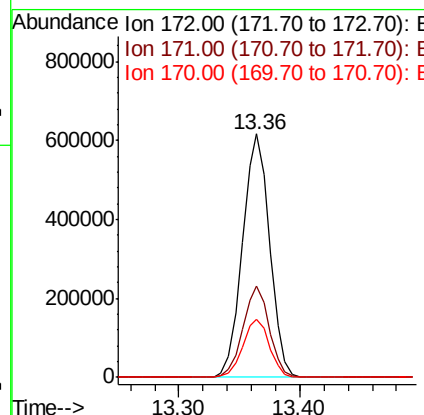
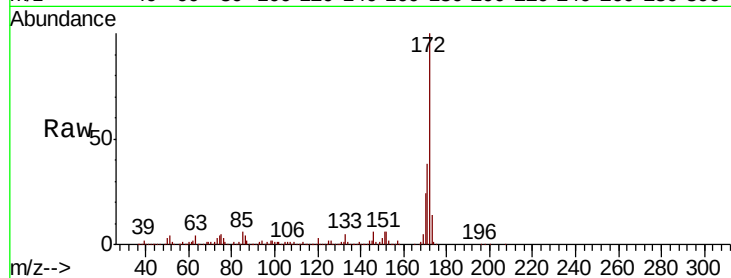
#45
2-Fluorobiphenyl
Concen: 71.204 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	37.6	28.9	43.3
170	24.0	19.1	28.7

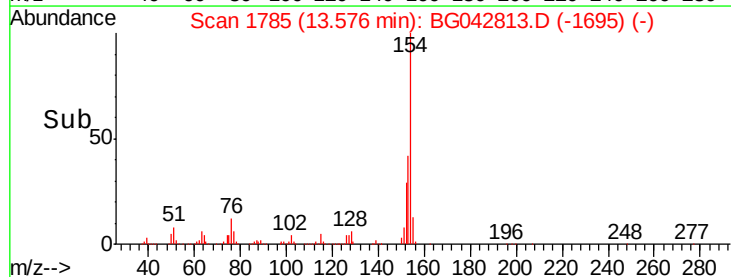
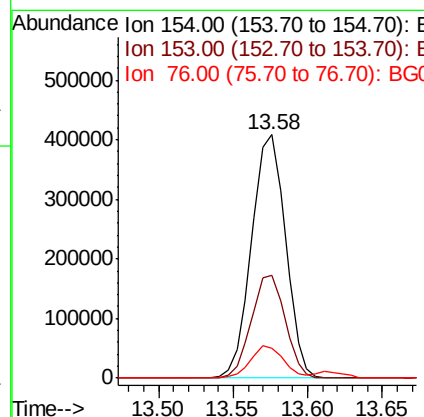
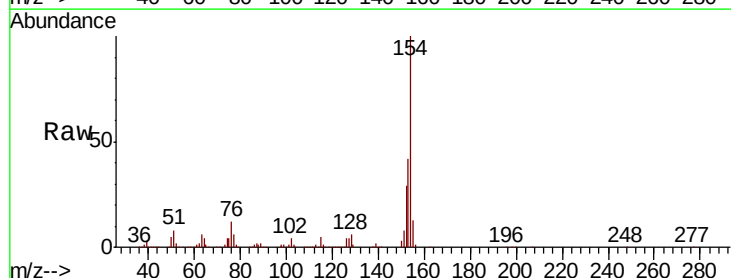
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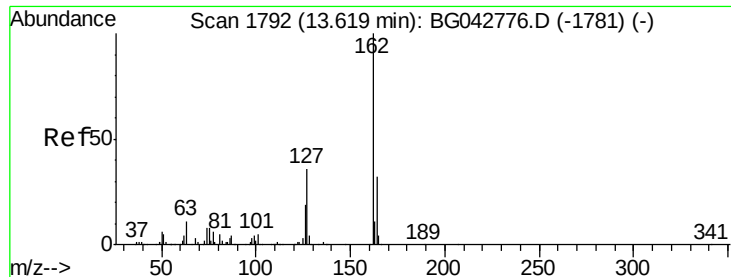
mohammad
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#46
1,1'-Biphenyl
Concen: 42.726 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.5	22.6	62.6
76	12.2	0.0	32.2





#47

2-Chloronaphthalene

Concen: 40.435 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

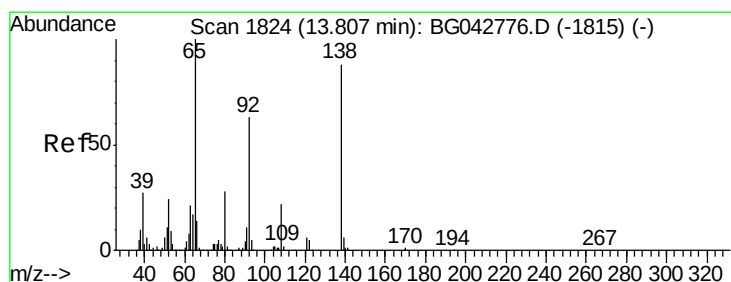
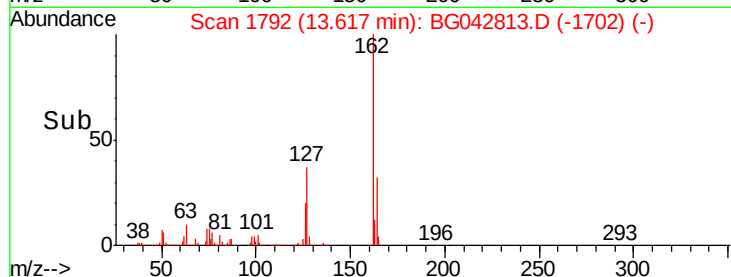
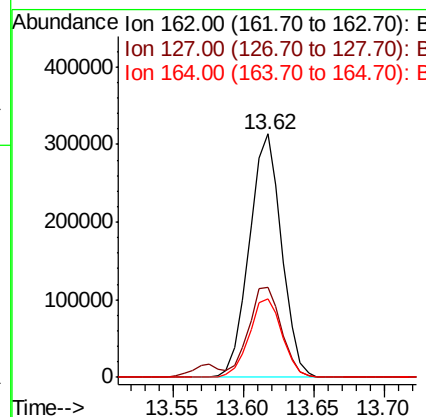
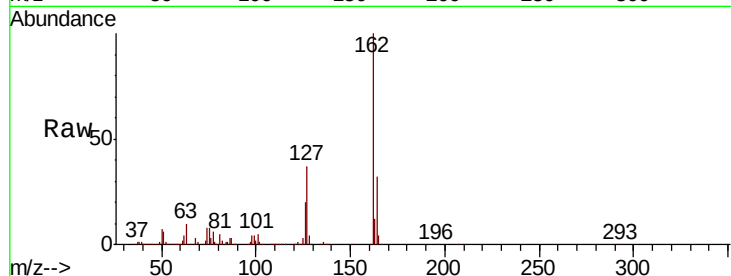
ClientSampleId :

PB123017BSD

Tot Ion:	162	Resp:	502170
Ion Ratio		Lower	Upper
162	100		
127	36.8	29.3	43.9
164	32.5	26.0	39.0

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#48

2-Nitroaniline

Concen: 42.290 ng

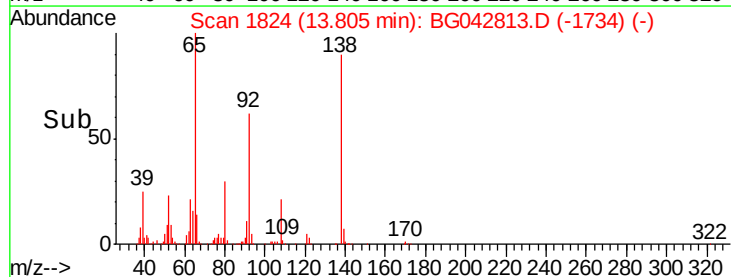
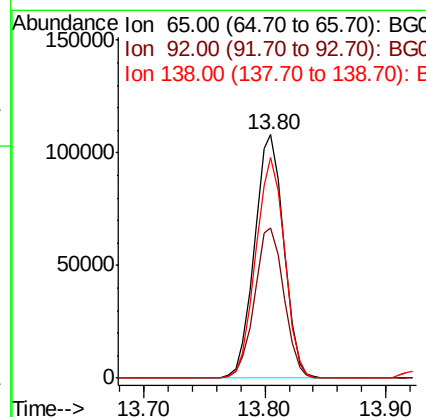
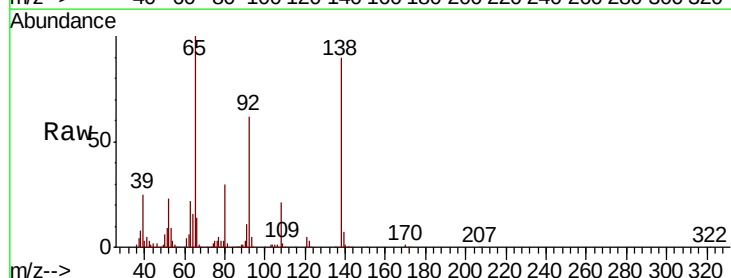
RT: 13.80 min Scan# 1824

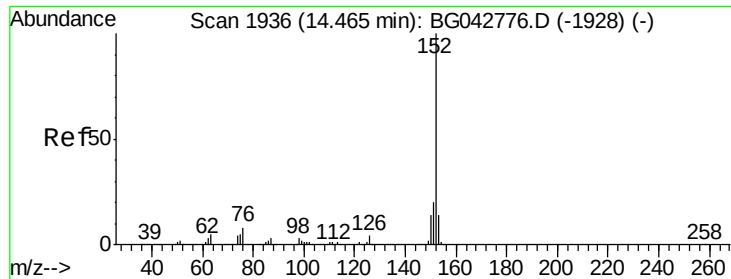
Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	65	Resp:	182192
Ion Ratio		Lower	Upper
65	100		
92	61.8	50.4	75.6
138	90.4	70.6	106.0





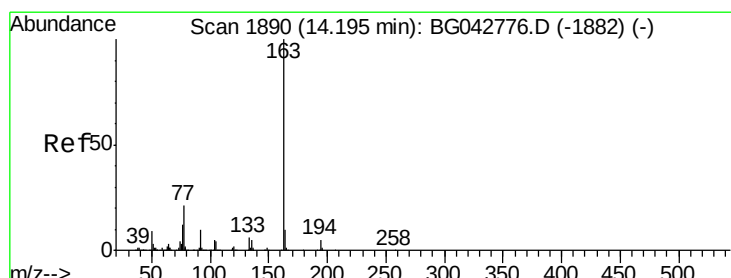
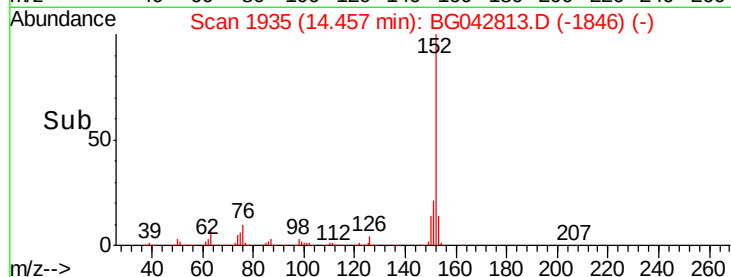
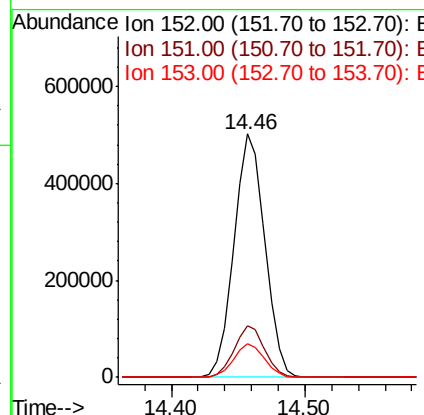
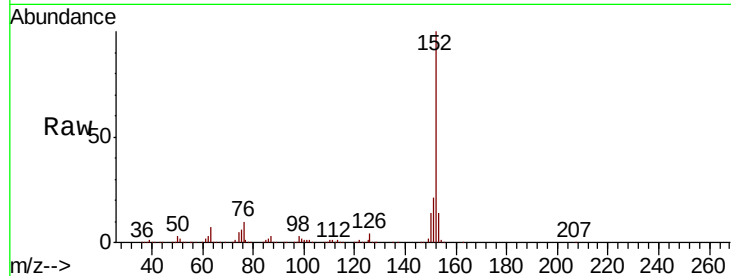
#49
Acenaphthylene
Concen: 42.599 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		808461		
151	21.3	16.0	24.0		
153	13.8	11.4	17.0		

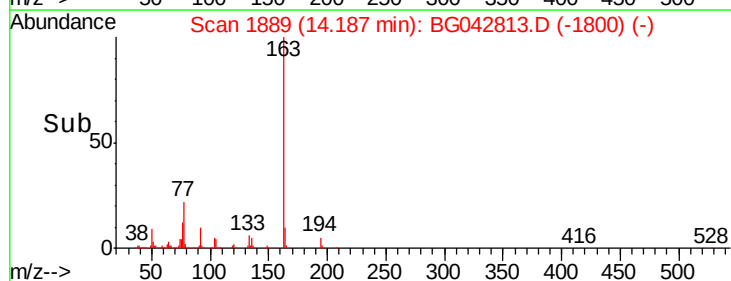
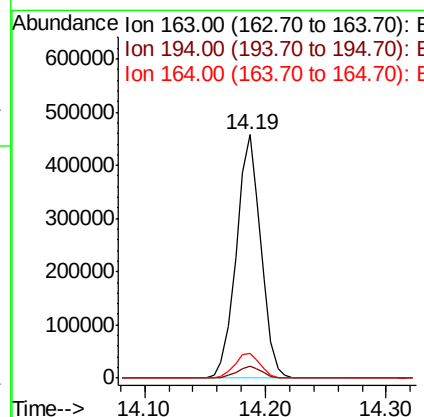
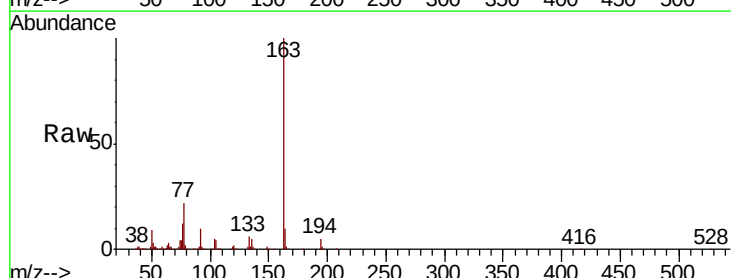
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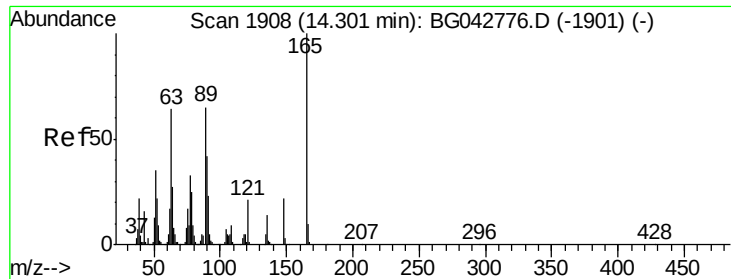
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#50
Dimethylphthalate
Concen: 40.073 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		643781		
194	4.8	4.2	6.4		
164	10.0	8.4	12.6		





#51

2,6-Dinitrotoluene

Concen: 44.182 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

PB123017BSD

Tot Ion:165 Resp: 145642
Ion Ratio Lower Upper

165 100

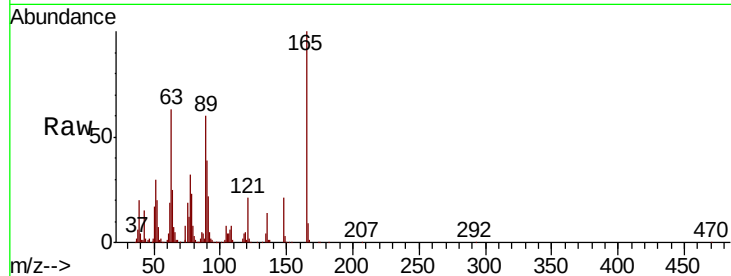
63 62.7 52.1 78.1

89 60.3 51.7 77.5

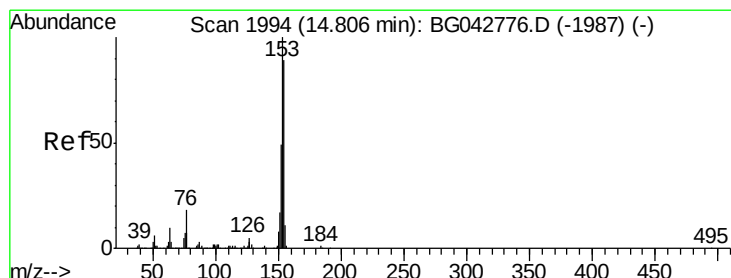
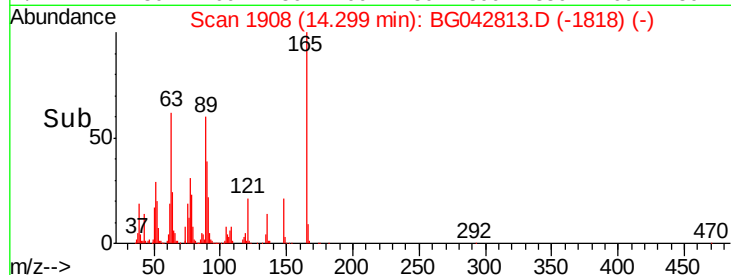
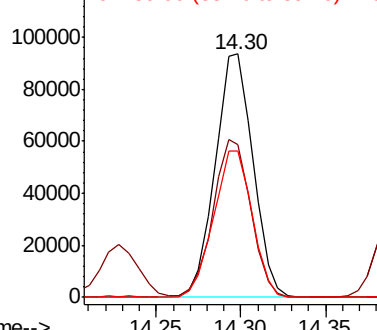
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.538 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042813.D

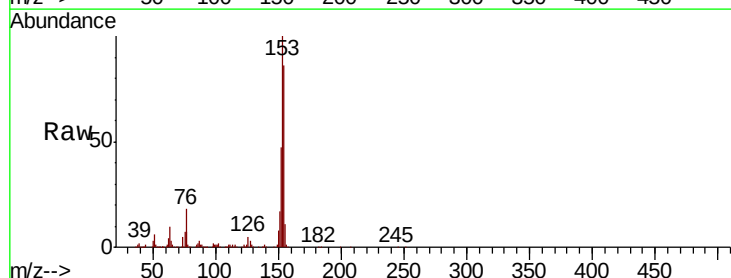
Acq: 13 Sep 2019 12:11

Tgt Ion:154 Resp: 515017
Ion Ratio Lower Upper

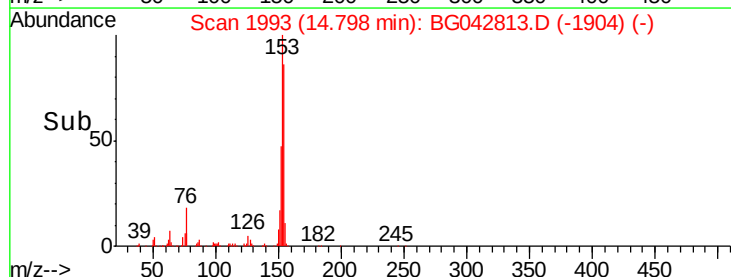
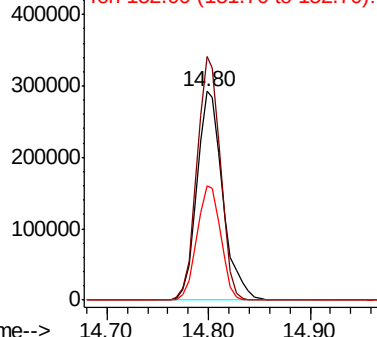
154 100

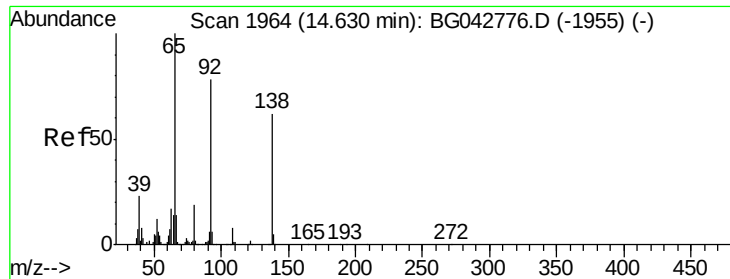
153 116.5 89.4 134.2

152 54.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





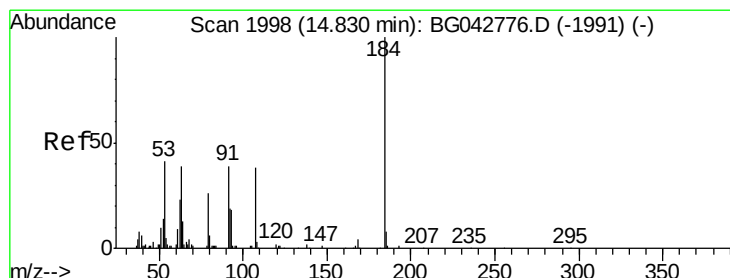
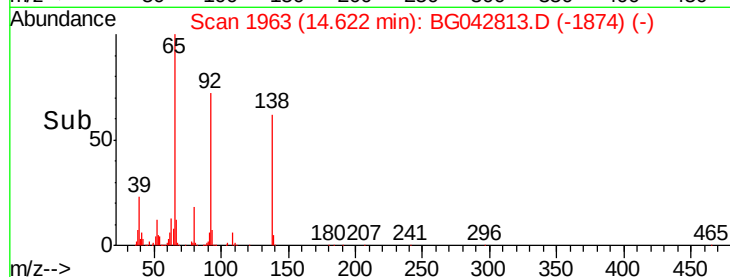
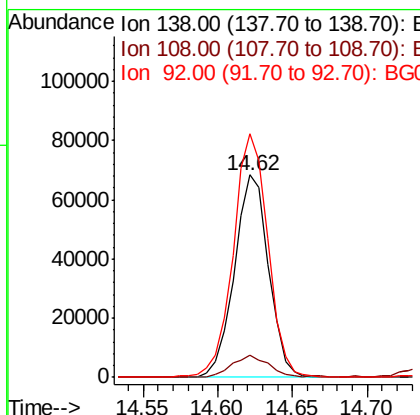
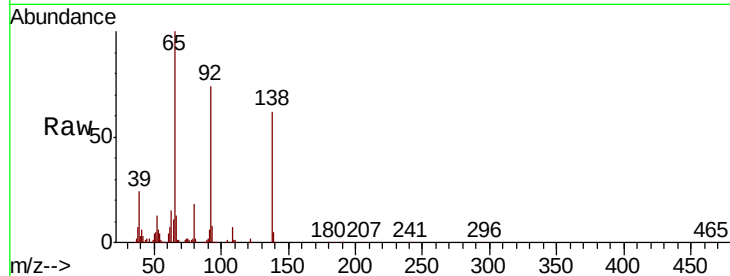
#53
3-Nitroaniline
Concen: 29.310 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	10.7	16.1
92	120.3	100.5	150.7

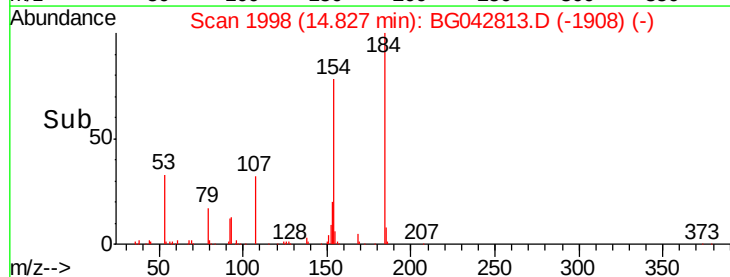
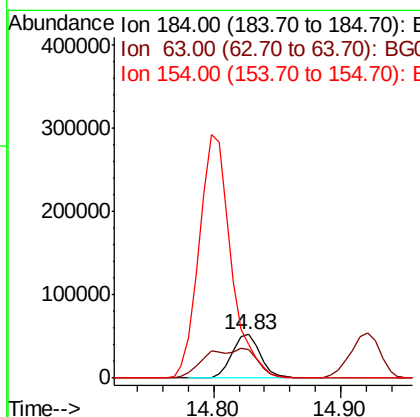
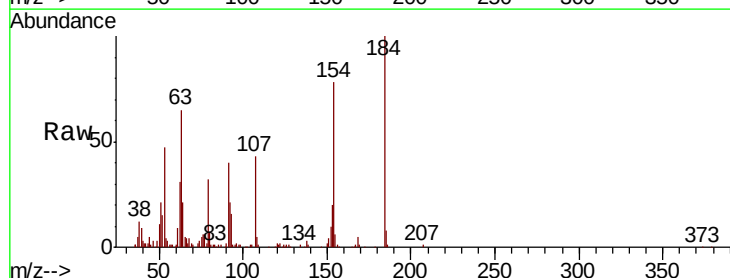
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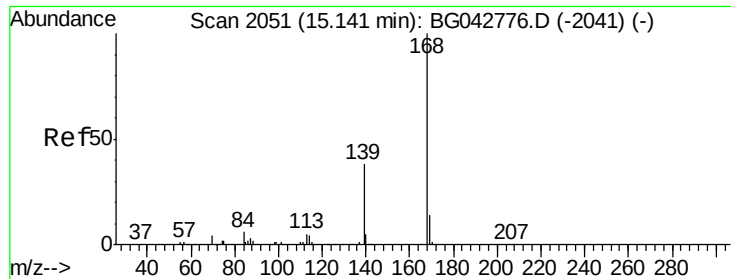
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#54
2,4-Dinitrophenol
Concen: 50.994 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.8	46.2	69.4
154	78.4	81.3	121.9#





#55

Dibenzofuran

Concen: 41.907 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

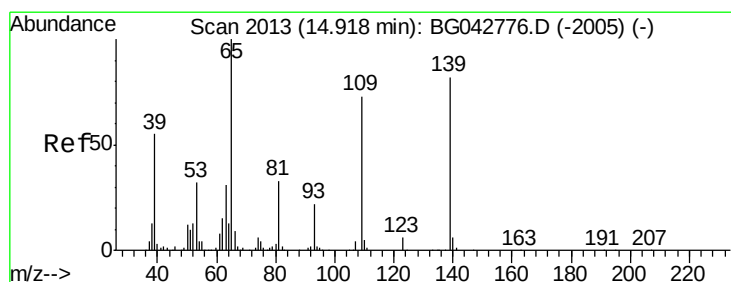
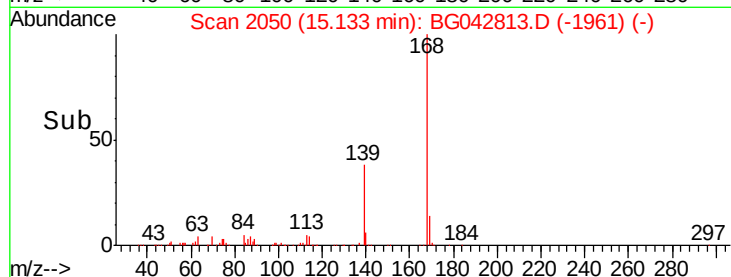
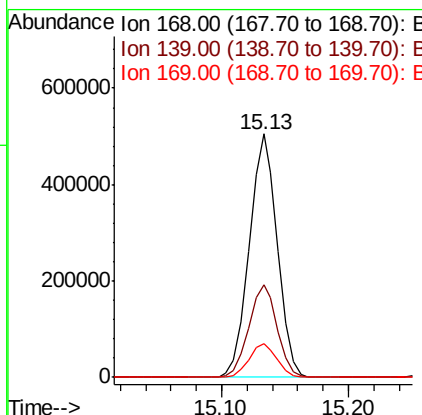
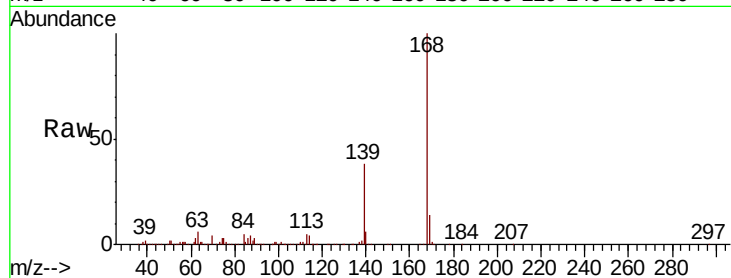
ClientSampleId :

PB123017BSD

Tot Ion:	168	Resp:	772310
Ion Ratio	Lower	Upper	
168	100		
139	38.1	30.2	45.4
169	14.0	11.2	16.8

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#56

4-Nitrophenol

Concen: 85.787 ng

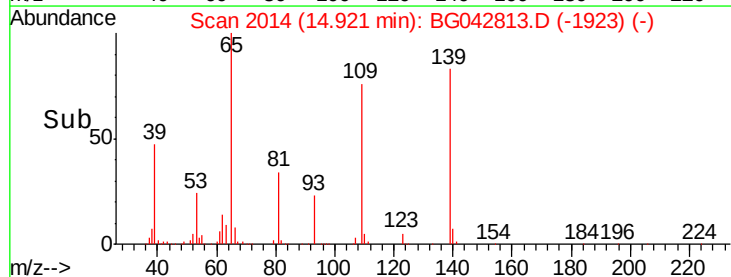
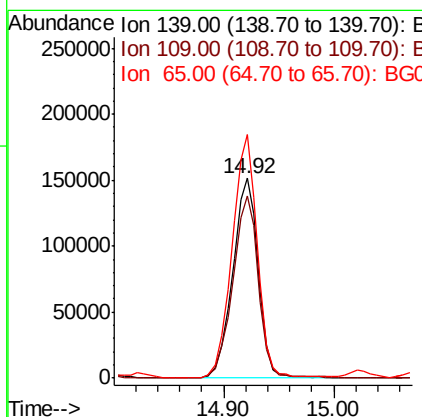
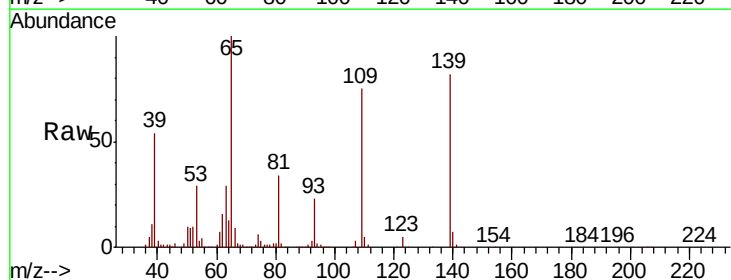
RT: 14.92 min Scan# 2014

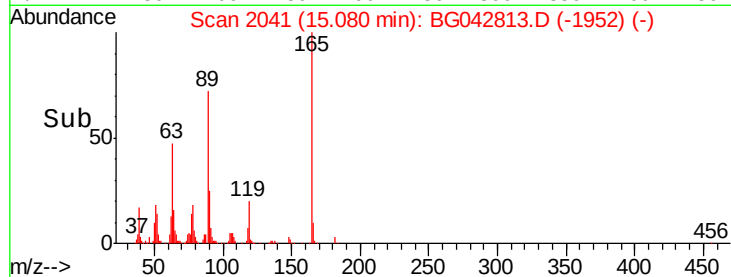
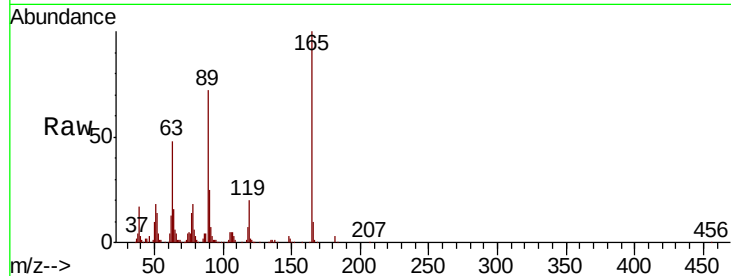
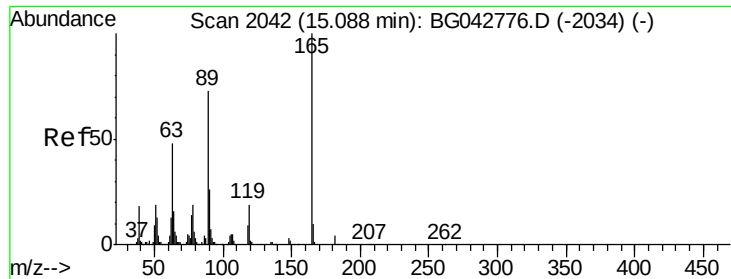
Delta R.T. 0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	139	Resp:	245395
Ion Ratio	Lower	Upper	
139	100		
109	91.3	69.4	109.4
65	122.0	102.5	142.5





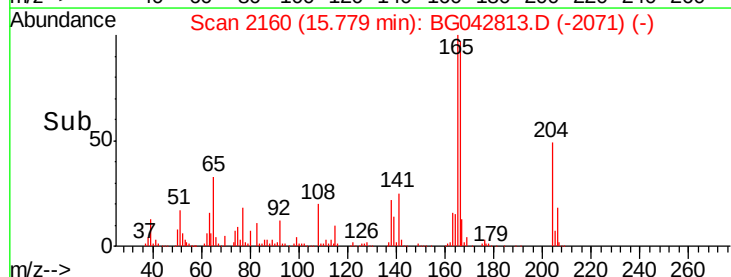
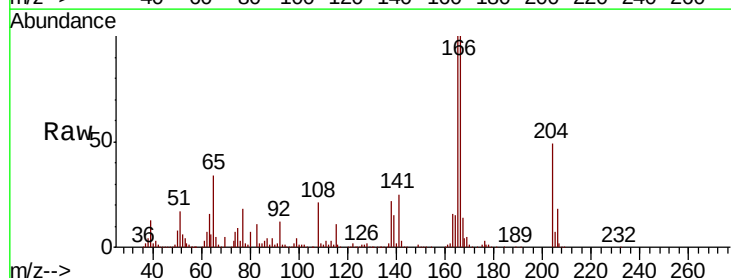
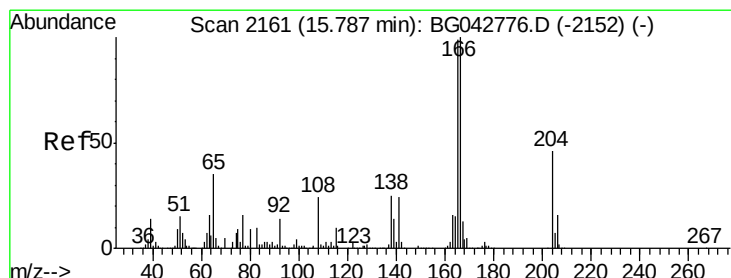
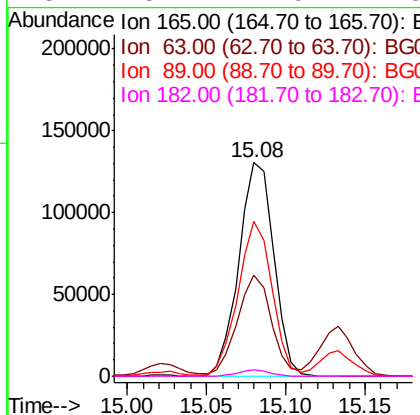
#57
2,4-Dinitrotoluene
Concen: 45.575 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		200250		
63	47.6	38.3	57.5		
89	72.5	58.4	87.6		
182	3.2	2.9	4.3		

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

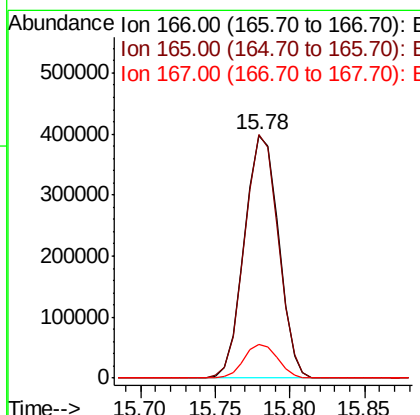
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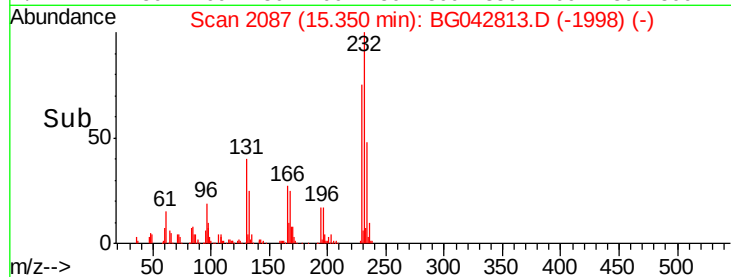
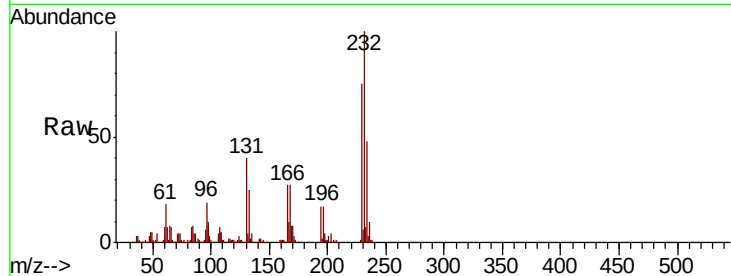
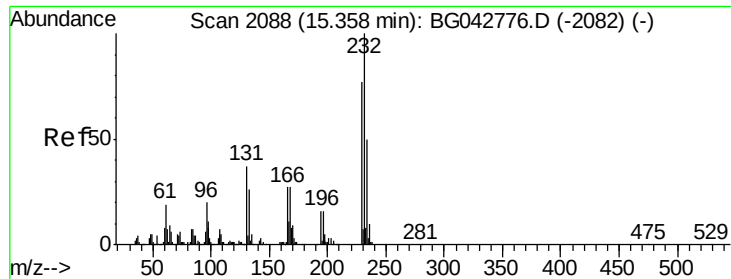
mohammad
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#58
Fluorene
Concen: 41.289 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		630624		
165	100.3	79.1	118.7		
167	13.7	10.7	16.1		





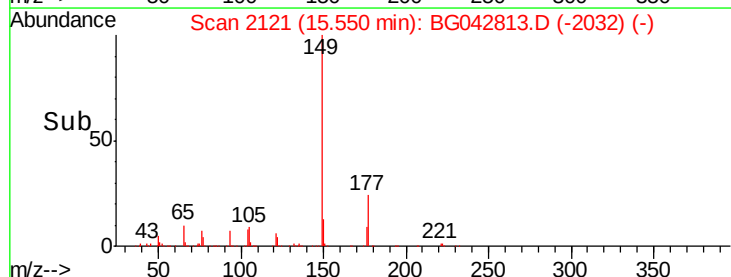
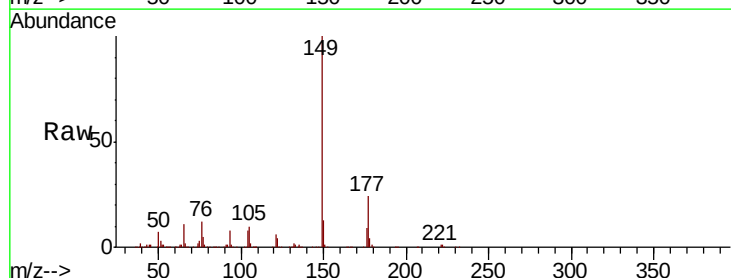
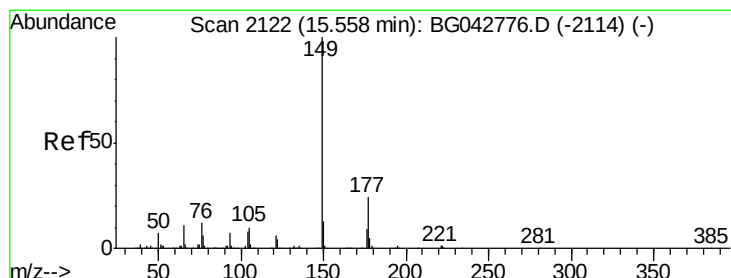
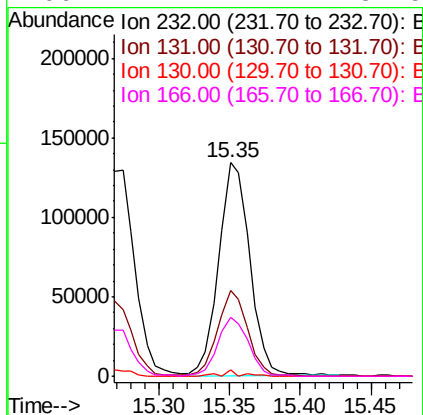
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.795 ng
RT: 15.35 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	205158		
131	38.4		31.1	46.7
130	1.6		1.8	2.6
166	27.7		21.7	32.5

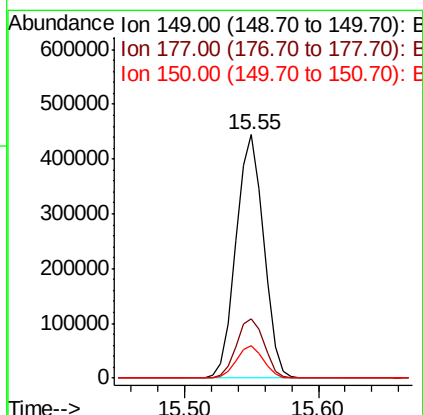
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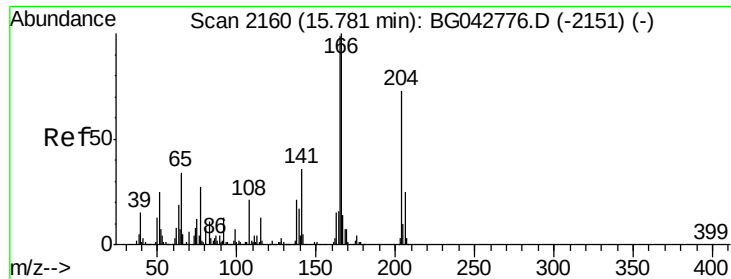
mohammad
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#60
Diethylphthalate
Concen: 39.087 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	637411		
177	24.3		19.4	29.0
150	13.1		10.2	15.4





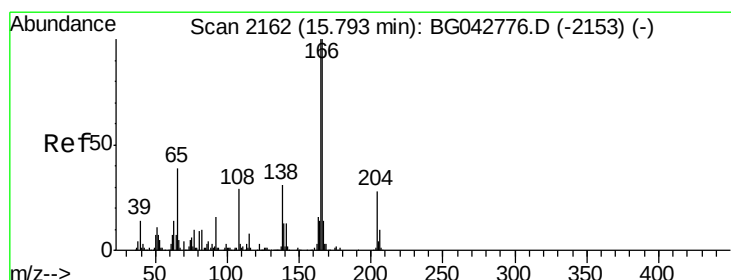
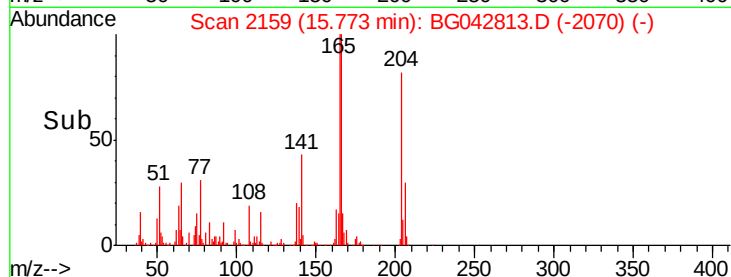
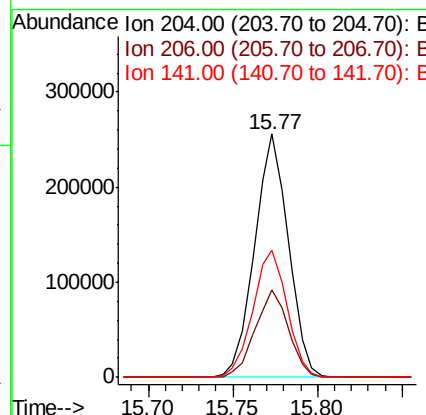
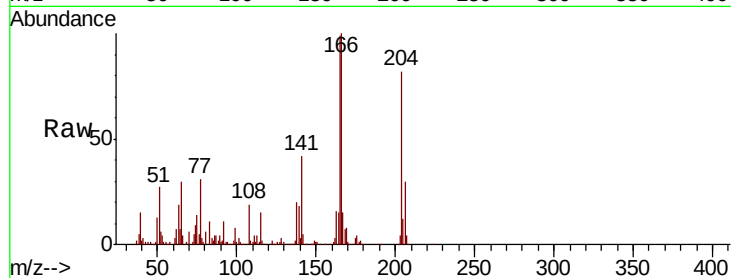
#61
 4-Chlorophenyl-phenylether
 Concen: 39.465 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	36.2	27.6	41.4
141	52.1	39.8	59.6

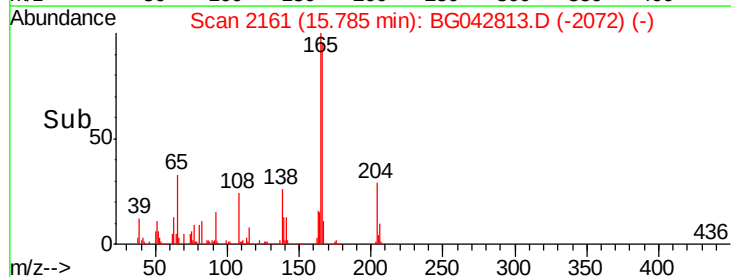
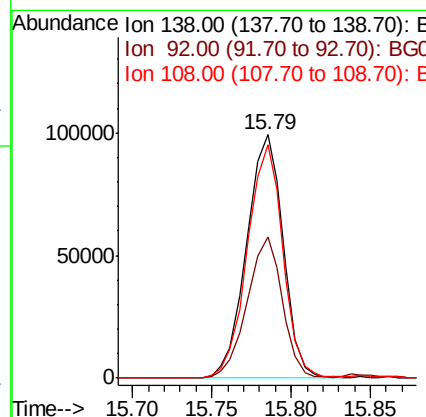
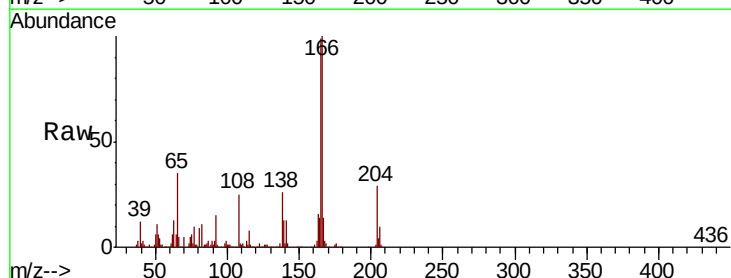
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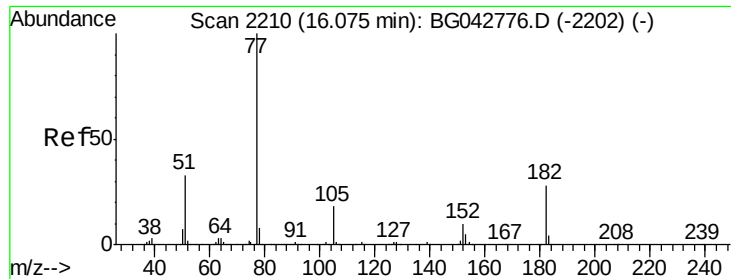
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#62
 4-Nitroaniline
 Concen: 39.724 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	57.8	31.4	71.4
108	95.8	74.8	114.8





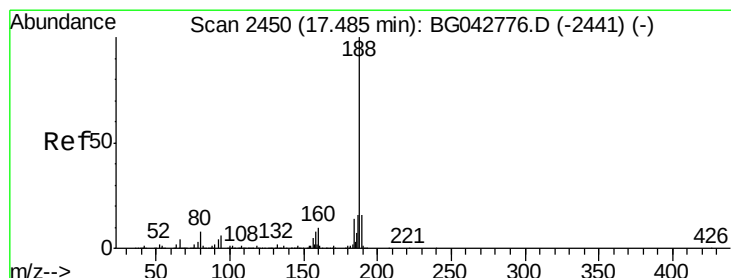
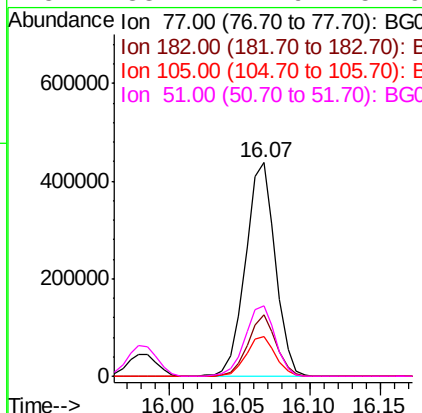
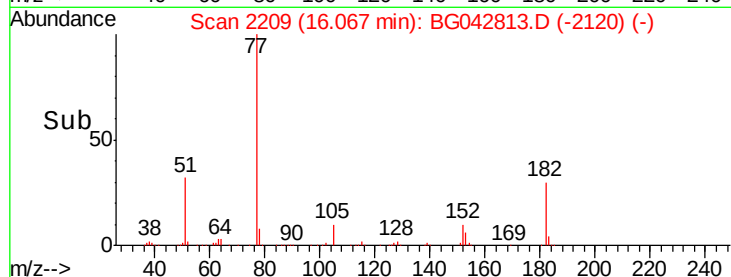
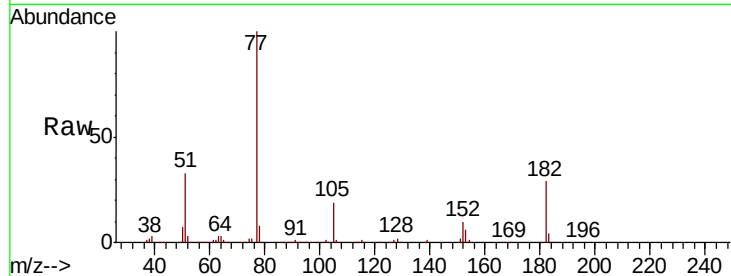
#63
Azobenzene
Concen: 41.166 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		646439		
182	28.5	8.1	48.1		
105	18.7	0.0	38.1		
51	33.2	12.9	52.9		

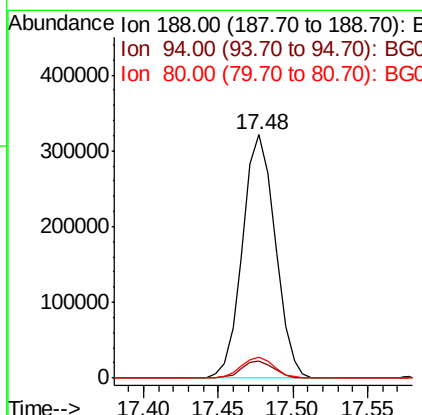
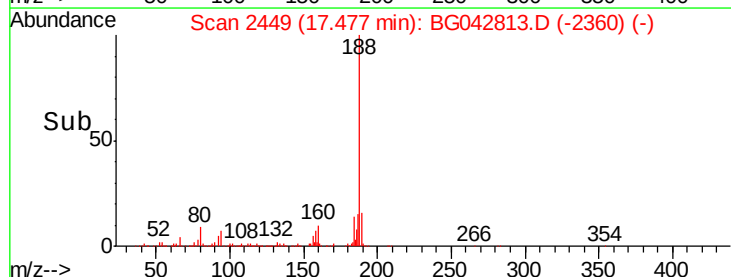
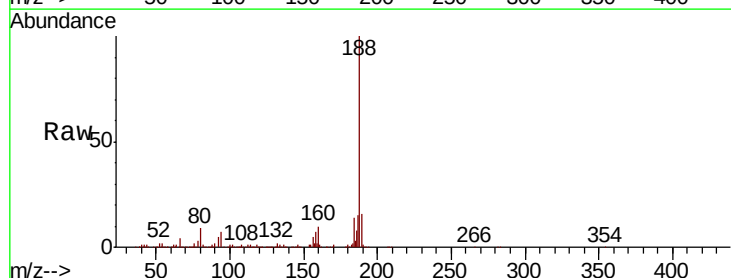
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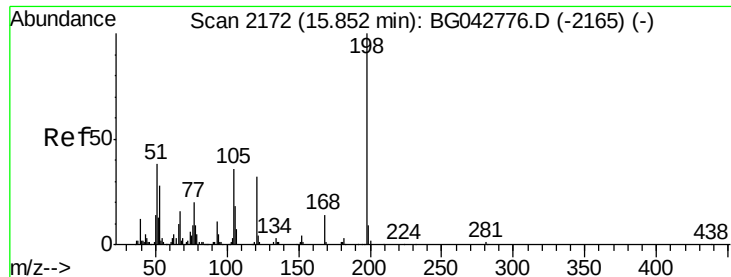
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		489249		
94	7.0	4.8	7.2		
80	8.7	6.6	9.8		





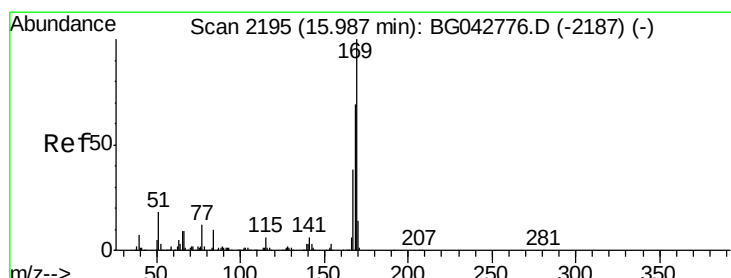
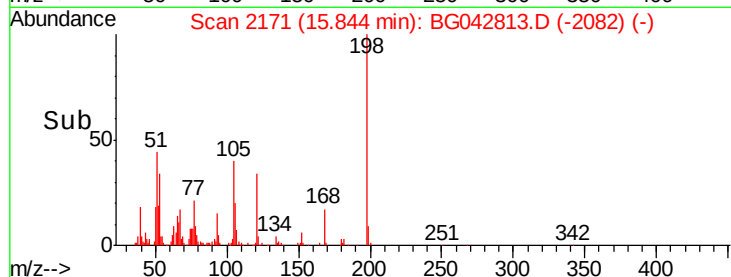
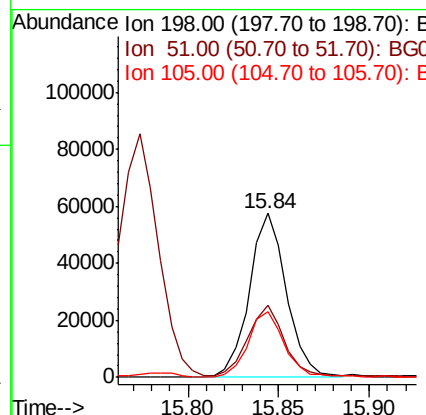
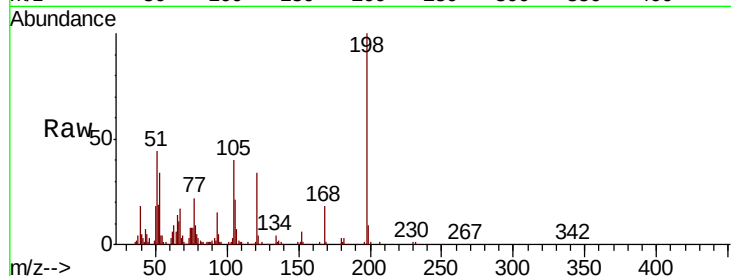
#65
4,6-Dinitro-2-methylphenol
Concen: 39.082 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	81815		
51	44.4	20.9	60.9	
105	40.0	16.4	56.4	

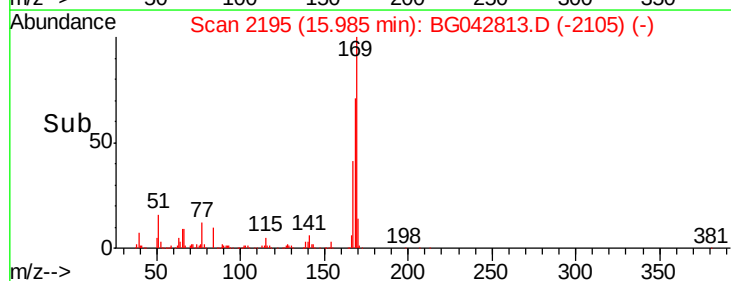
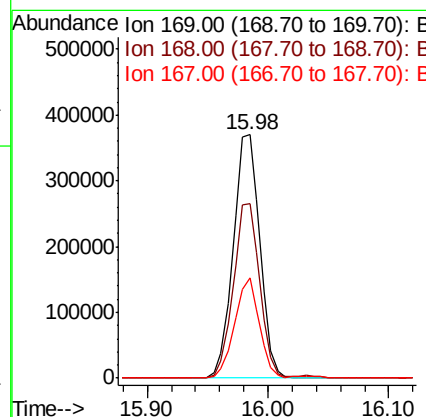
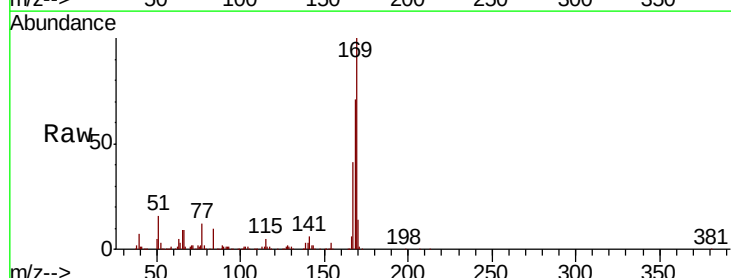
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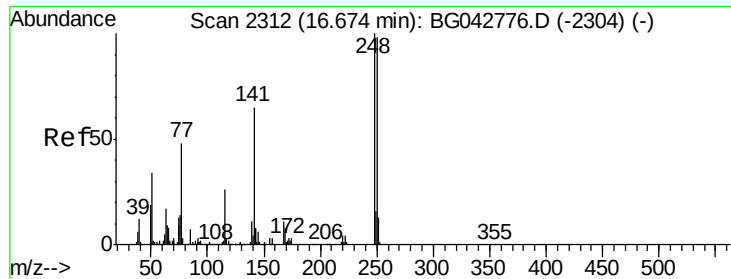
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#66
n-Nitrosodiphenylamine
Concen: 43.021 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	566389		
168	71.4	55.4	83.2	
167	41.0	30.4	45.6	





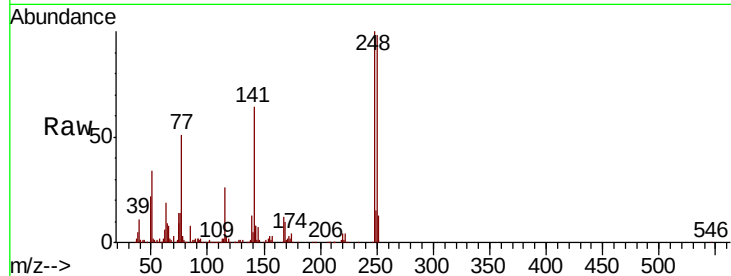
#67
4-Bromophenyl-phenylether
Concen: 40.439 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	64.3	51.8	77.6

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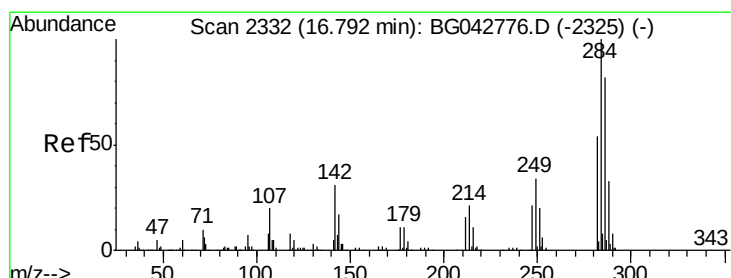
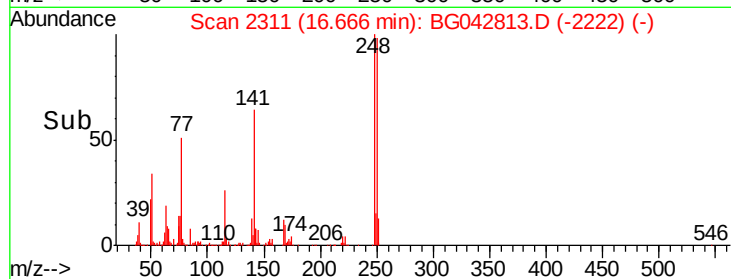
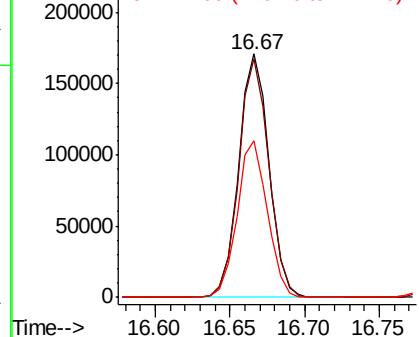


Abundance

Ion 248.00 (247.70 to 248.70): E

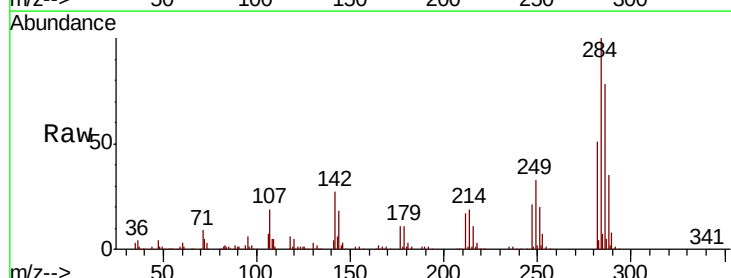
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.851 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	24.7	37.1
249	33.0	27.0	40.4

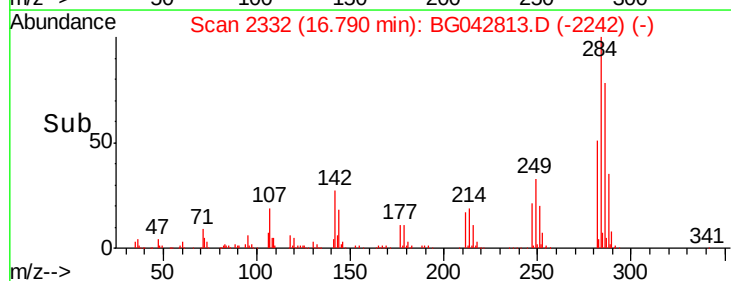
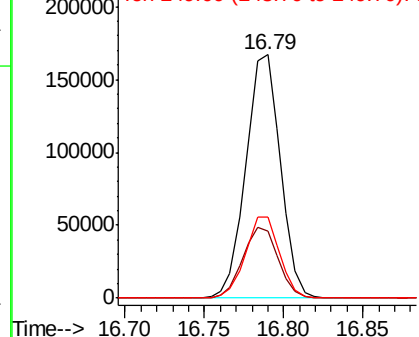


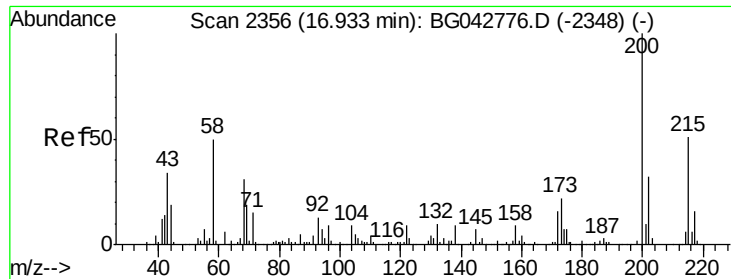
Abundance

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





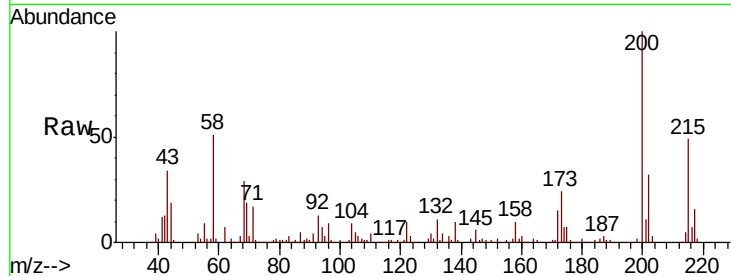
#69
 Atrazine
 Concen: 47.782 ng
 RT: 16.92 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	219060		
173	24.2		2.5	42.5
215	49.4		31.0	71.0

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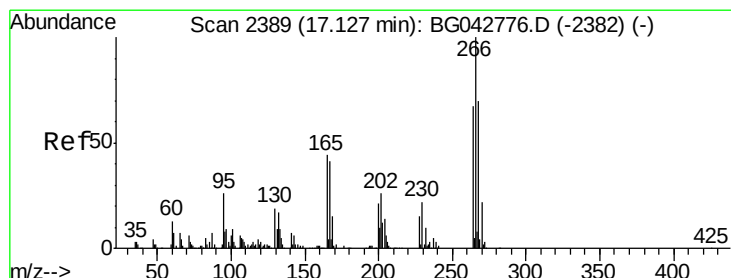
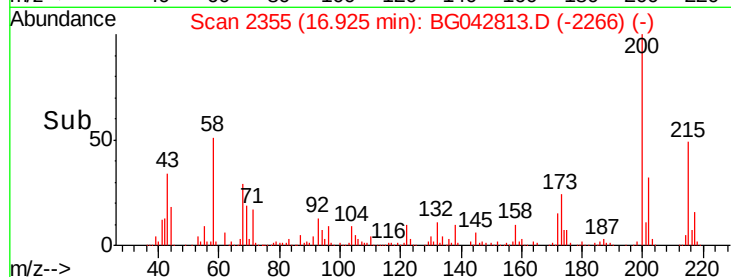
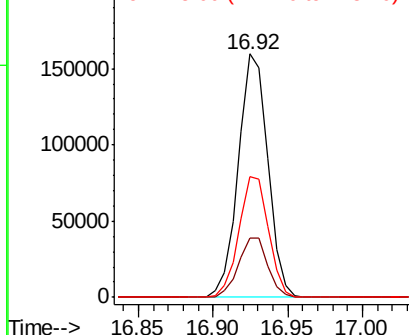


Abundance

Ion 200.00 (199.70 to 200.70): E

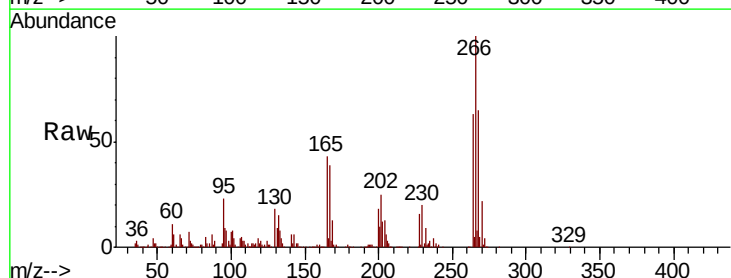
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 88.666 ng
 RT: 17.12 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	332825		
268	64.9		56.2	84.4
264	63.3		53.4	80.2

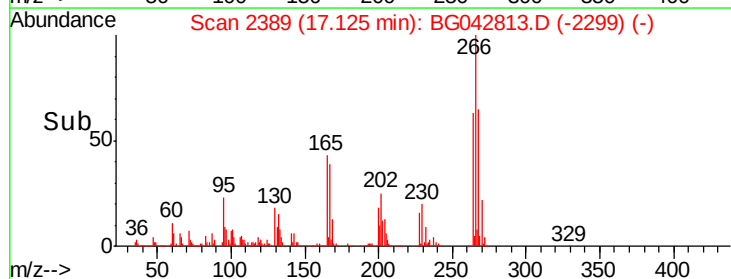
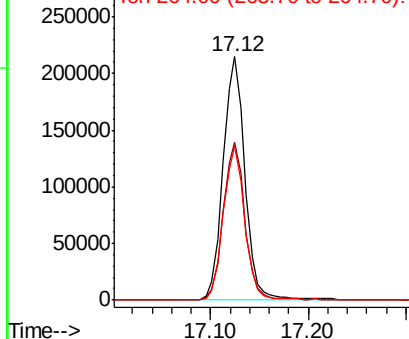


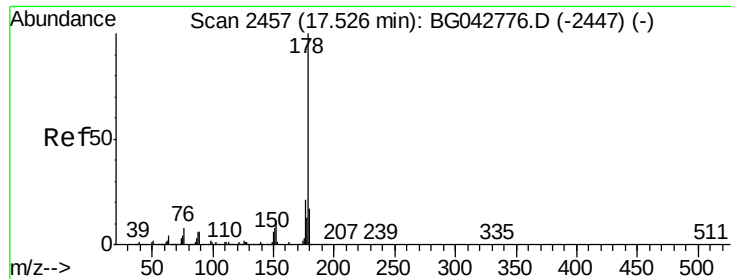
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.507 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

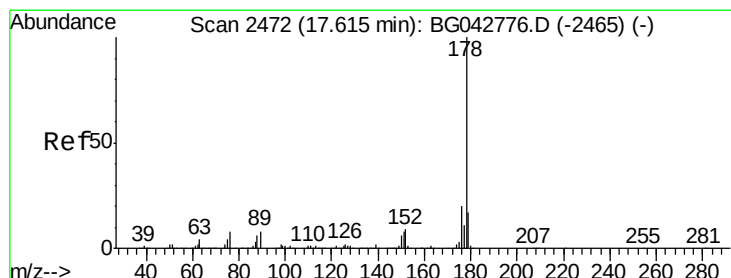
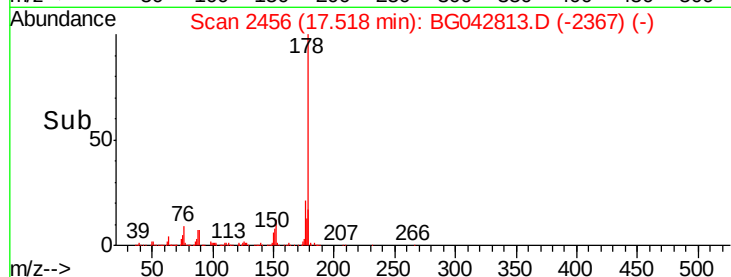
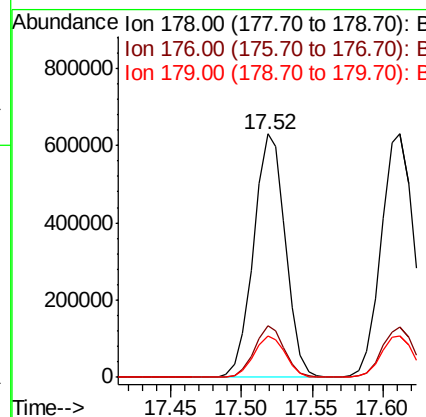
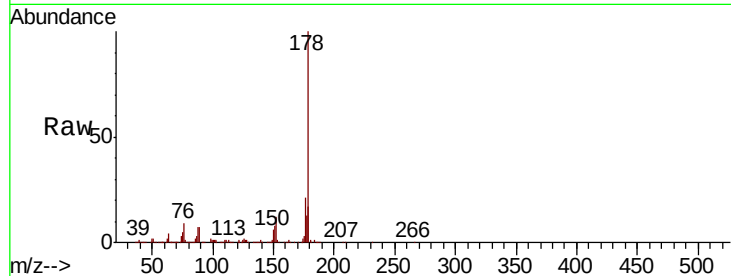
ClientSampleId :

PB123017BSD

Tot Ion:	178	Resp:	994571
Ion Ratio	Lower	Upper	
178	100		
176	21.2	17.0	25.4
179	17.2	13.6	20.4

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#72

Anthracene

Concen: 43.284 ng

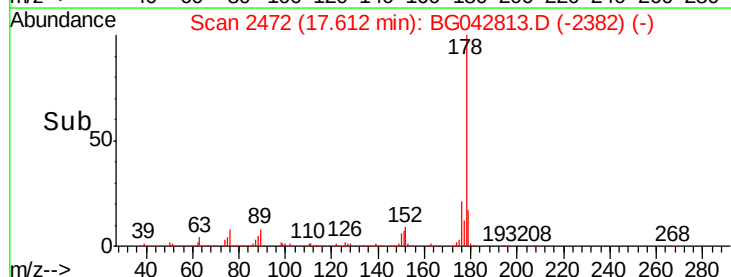
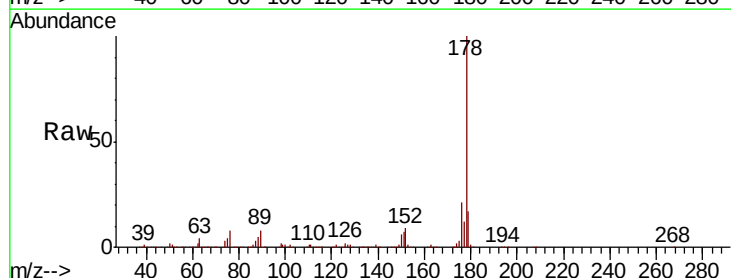
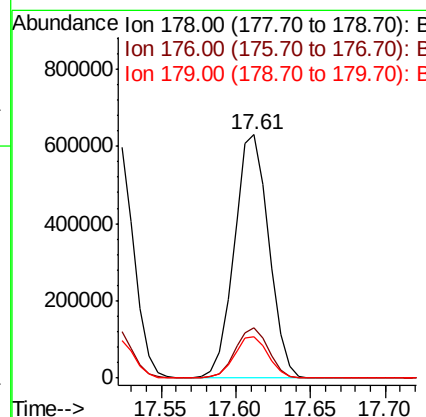
RT: 17.61 min Scan# 2472

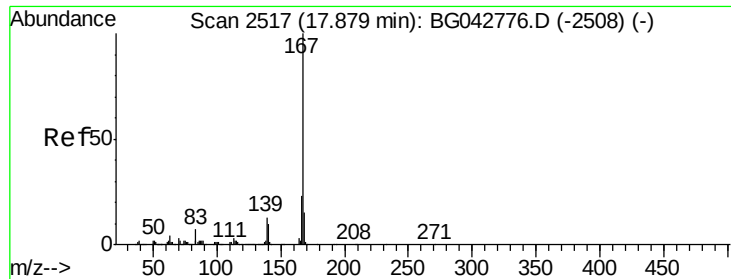
Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	178	Resp:	1011805
Ion Ratio	Lower	Upper	
178	100		
176	20.7	16.2	24.4
179	16.8	13.6	20.4





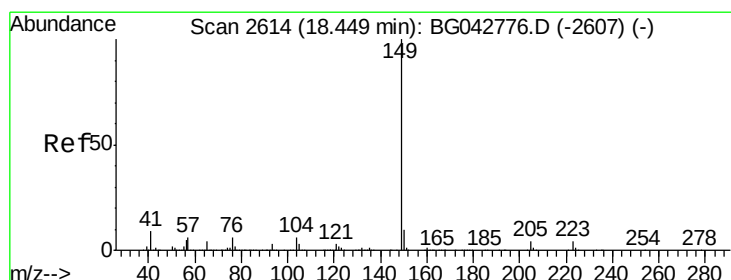
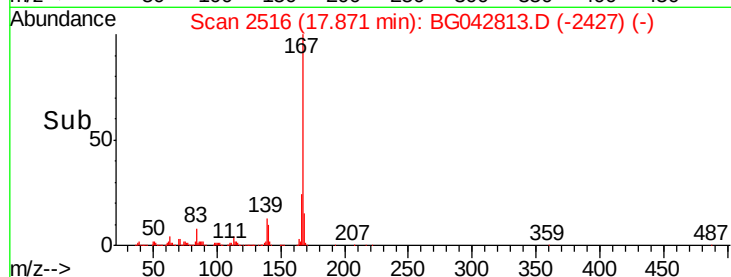
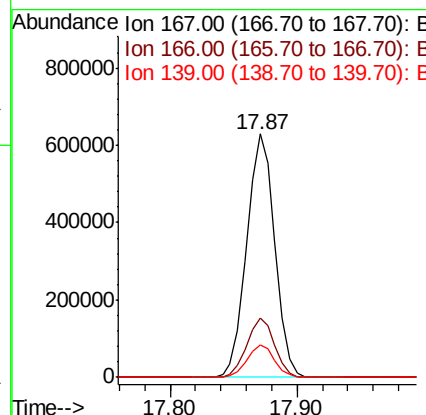
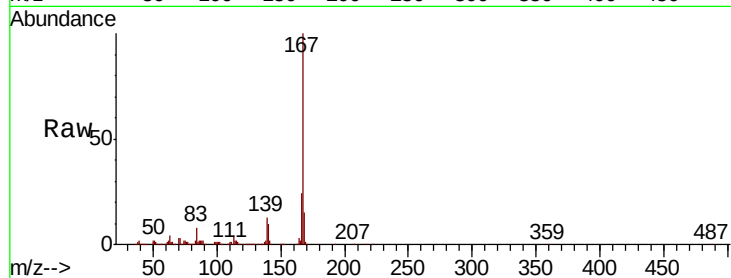
#73
 Carbazole
 Concen: 43.291 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.3	27.5
139	13.3	10.2	15.4

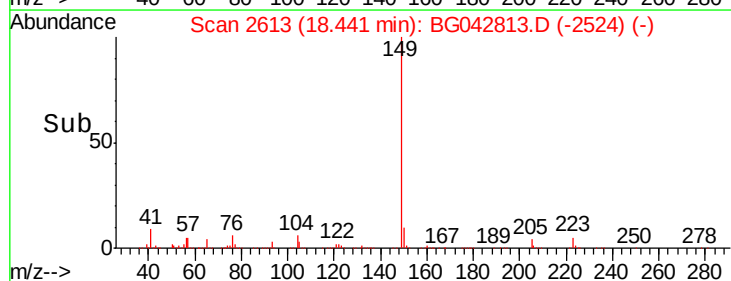
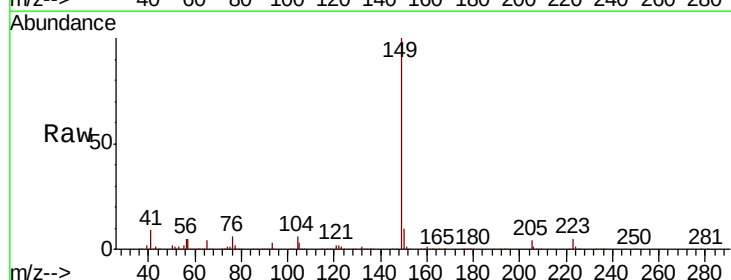
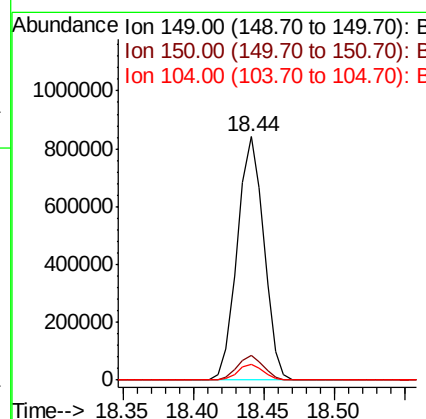
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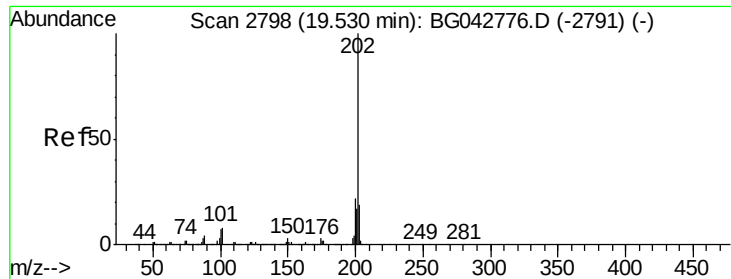
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#74
 Di-n-butylphthalate
 Concen: 41.485 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.0	12.0
104	6.3	5.1	7.7





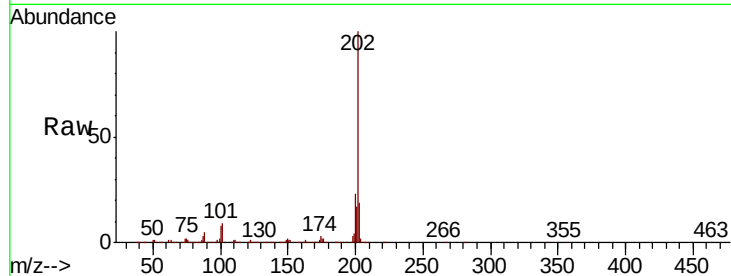
#75
 Fluoranthene
 Concen: 43.767 ng
 RT: 19.52 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1327179		
101	8.7		0.0	27.8
203	19.4		0.0	39.1

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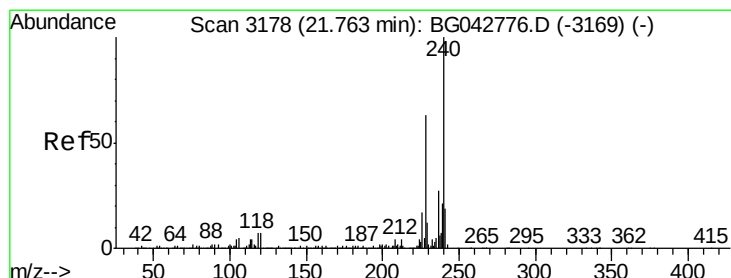
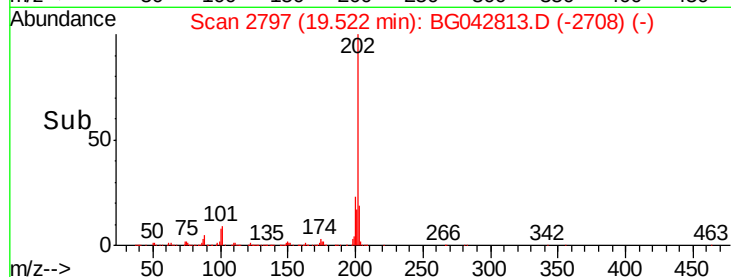
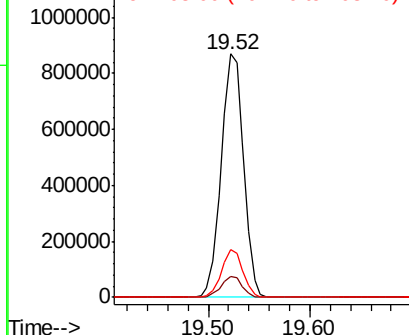


Abundance

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: 21.75 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

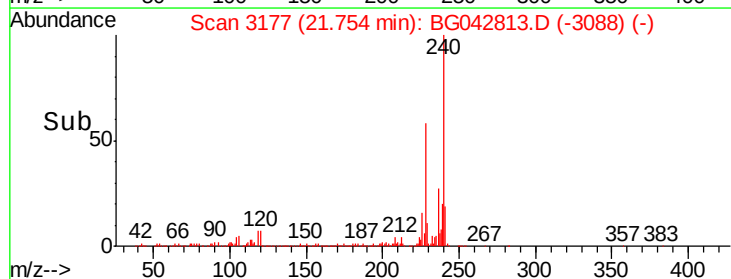
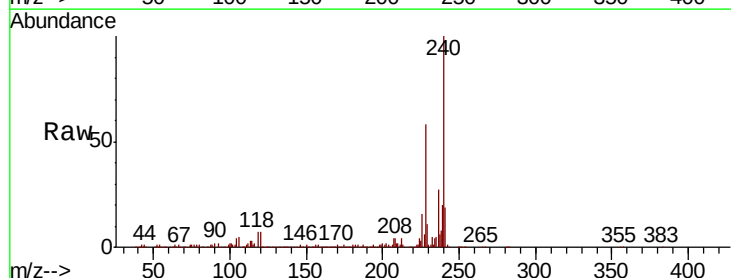
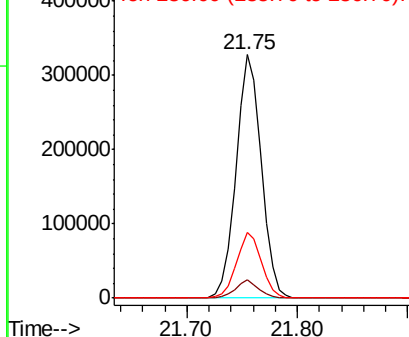
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	523573		
120	7.3		5.4	8.2
236	27.0		21.7	32.5

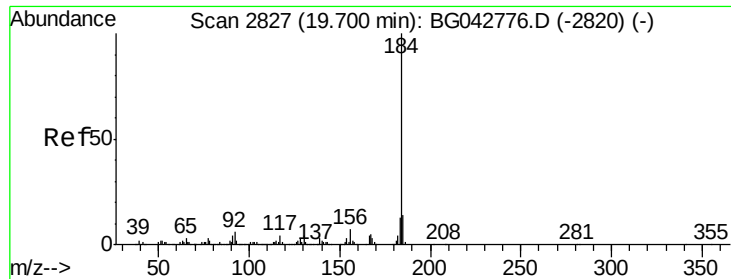
Abundance

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: 43.402 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

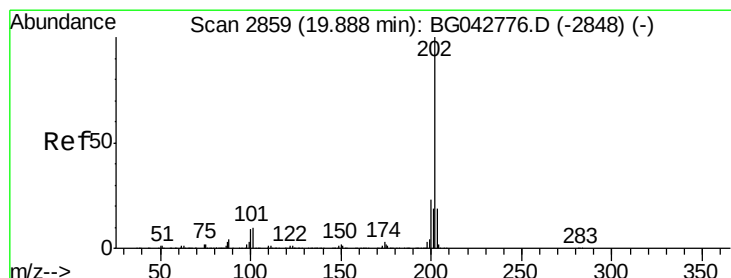
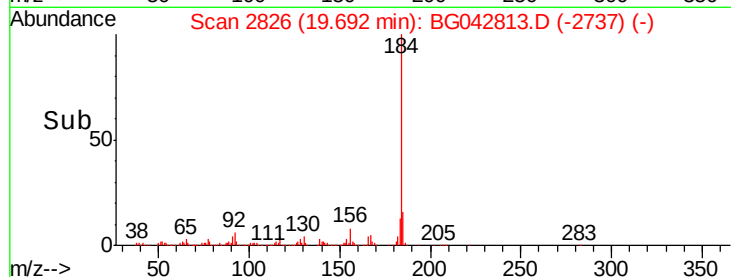
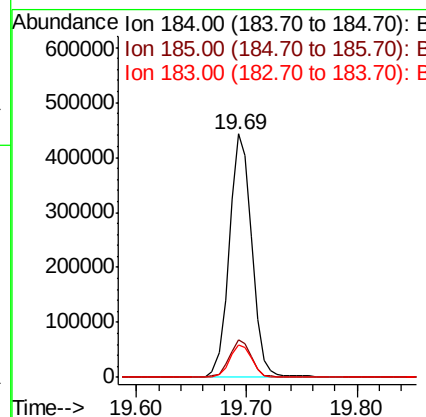
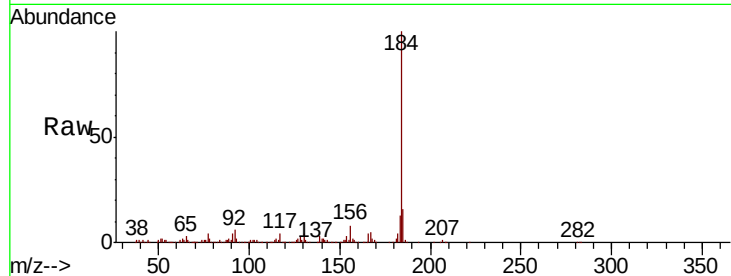
ClientSampleId :

PB123017BSD

Tot Ion:	184	Resp:	634888
Ion Ratio		Lower	Upper
184	100		
185	15.6	11.6	17.4
183	13.4	10.4	15.6

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#78

Pyrene

Concen: 41.046 ng

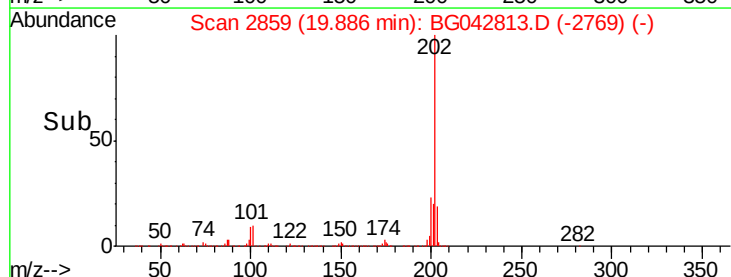
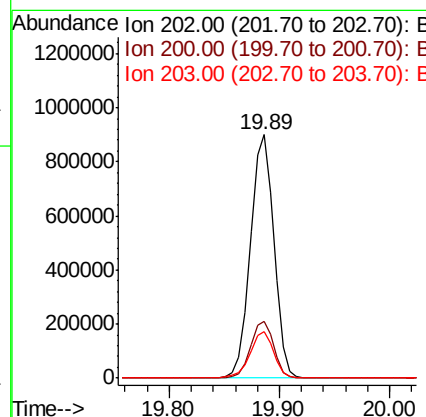
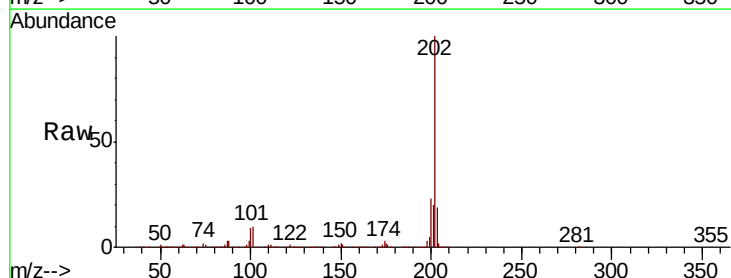
RT: 19.89 min Scan# 2859

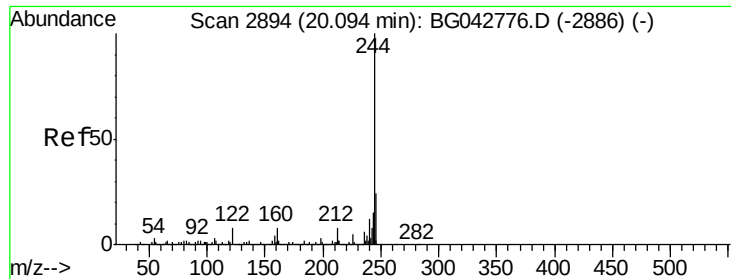
Delta R.T. -0.00 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	202	Resp:	1345452
Ion Ratio		Lower	Upper
202	100		
200	23.1	18.5	27.7
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 70.662 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

PB123017BSD

Tot Ion:244 Resp: 1669315

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

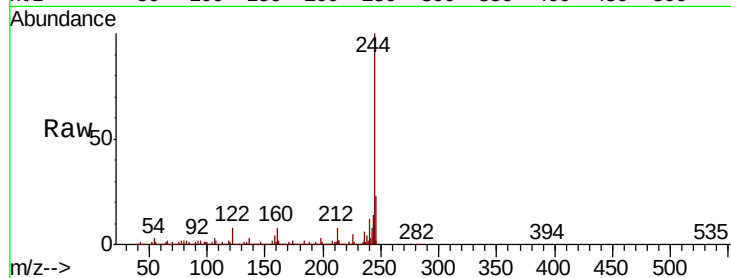
122 7.6 6.2 9.4

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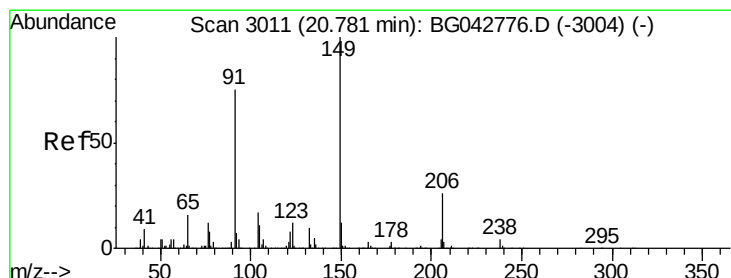
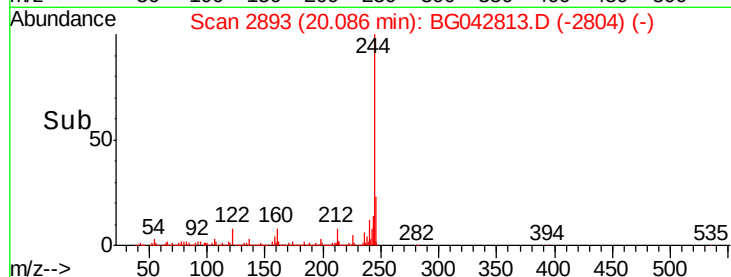
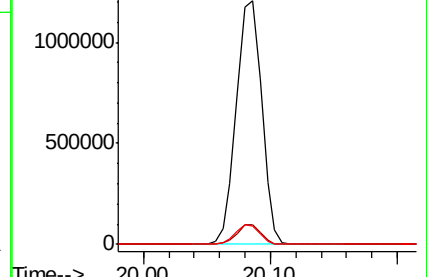
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.032 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

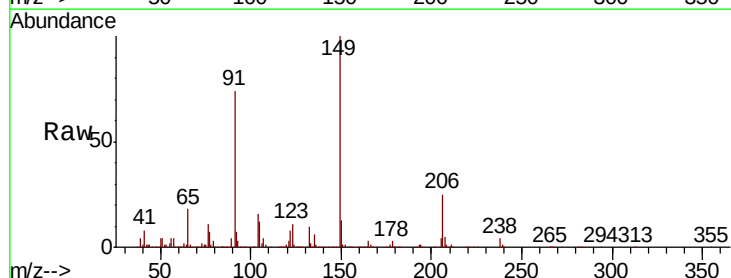
Tgt Ion:149 Resp: 544329

Ion Ratio Lower Upper

149 100

91 73.8 60.2 90.2

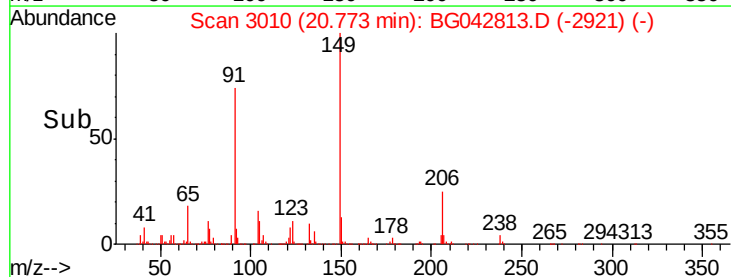
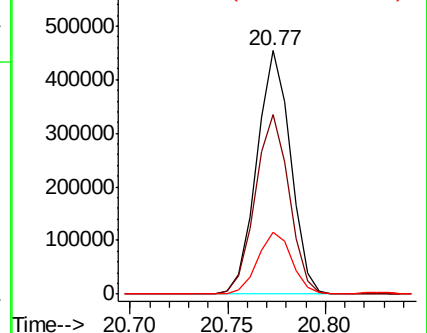
206 25.2 20.6 30.8

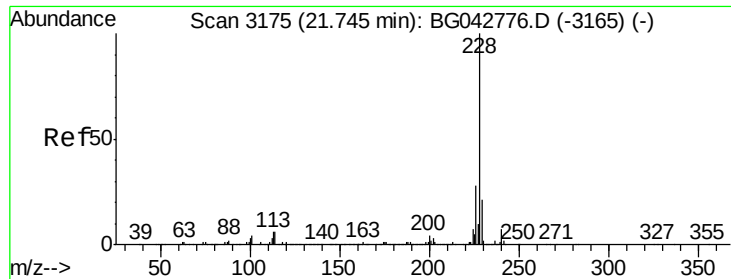


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





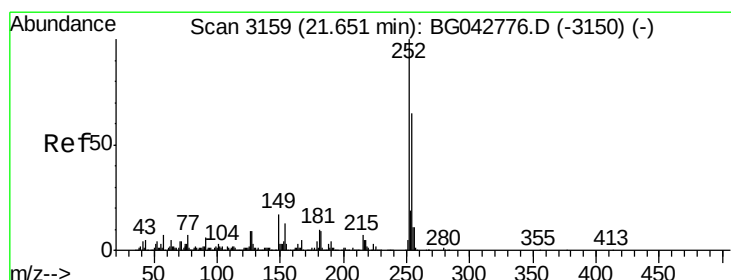
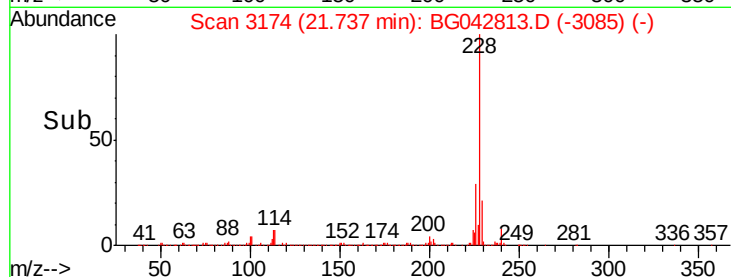
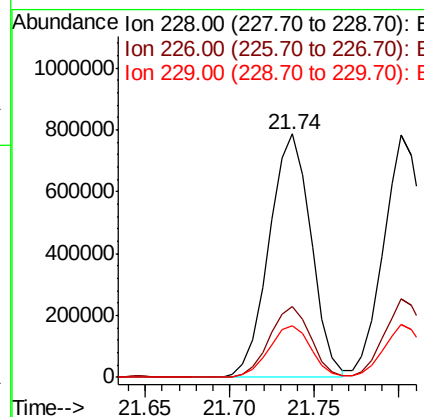
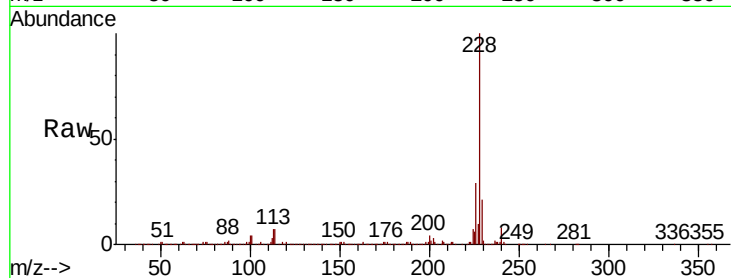
#81
Benzo(a)anthracene
Concen: 40.532 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.0	17.2	25.8

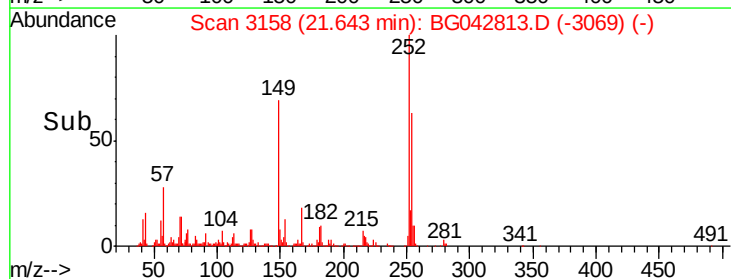
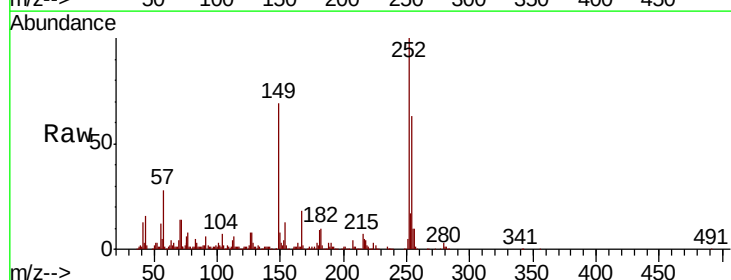
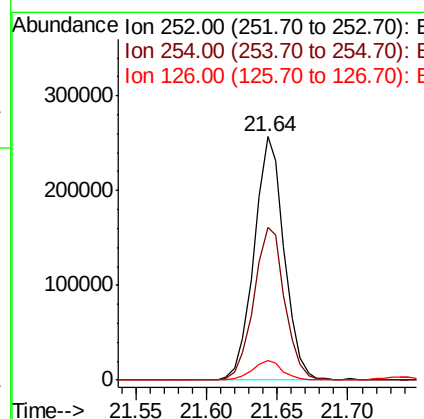
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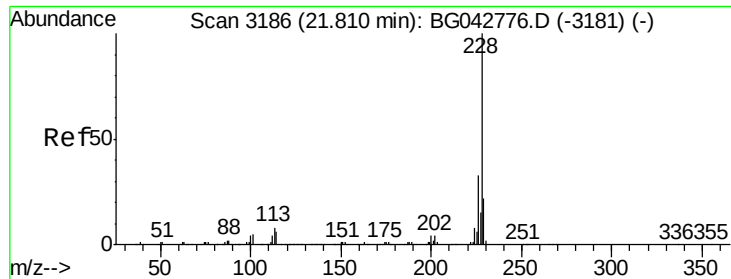
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#82
3,3'-Dichlorobenzidine
Concen: 29.659 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.2	78.2
126	8.0	7.0	10.4





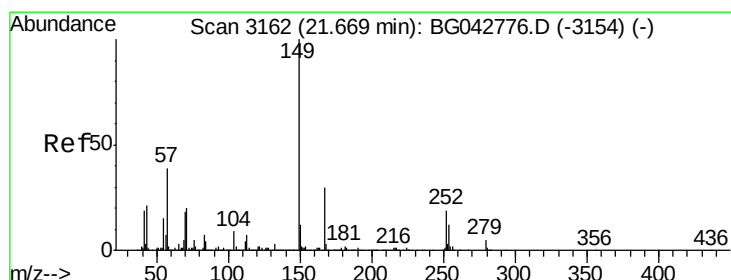
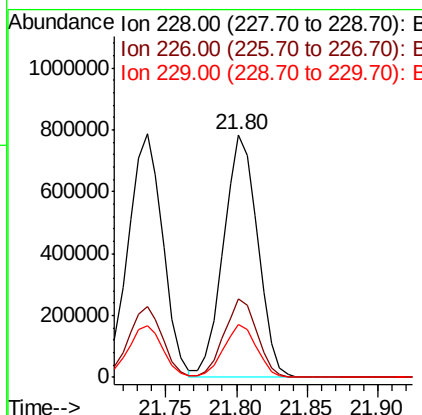
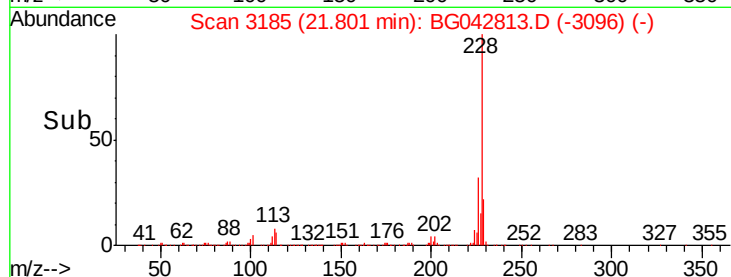
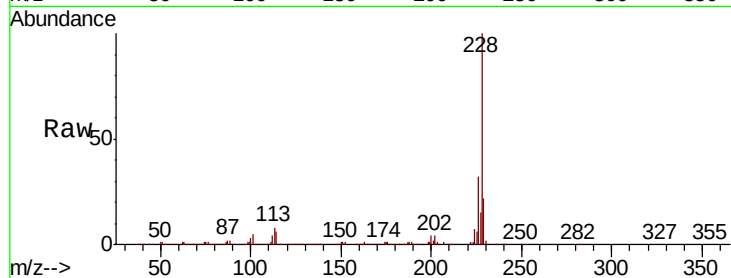
#83
 Chrysene
 Concen: 41.749 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Instrument :
 BNA_G
 ClientSampleId :
 PB123017BSD

Tot Ion:	228	Resp:	1316473
Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.0	39.0
229	21.7	17.1	25.7

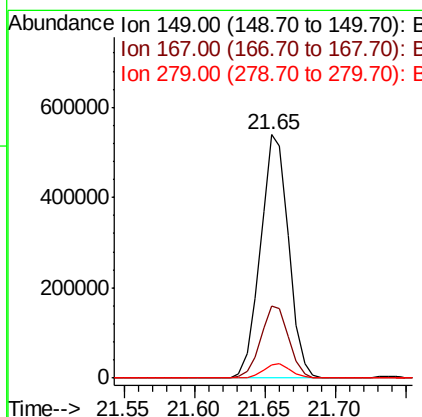
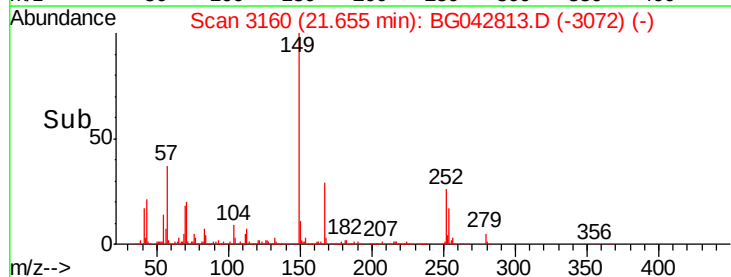
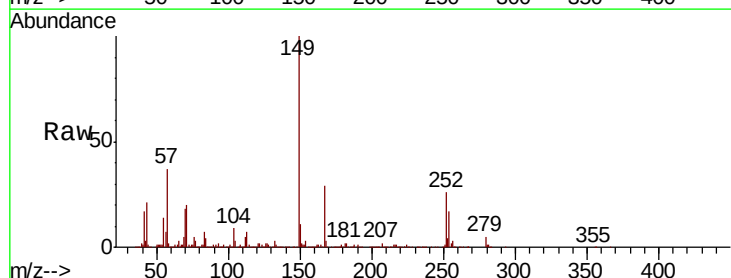
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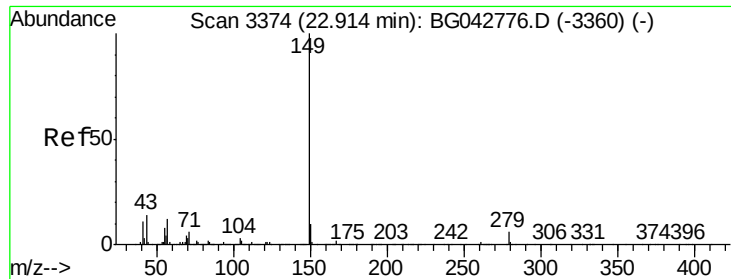
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.663 ng
 RT: 21.65 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG042813.D
 Acq: 13 Sep 2019 12:11

Tgt Ion:	149	Resp:	755193
Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	5.4	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 41.874 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

ClientSampleId :

PB123017BSD

Tot Ion:149 Resp: 1293953

Ion Ratio Lower Upper

149 100

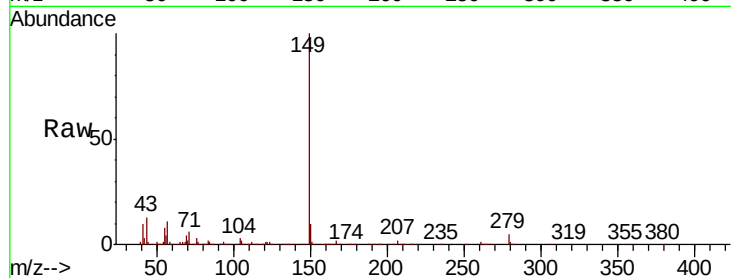
167 1.7 1.4 2.0

43 12.5 10.6 15.8

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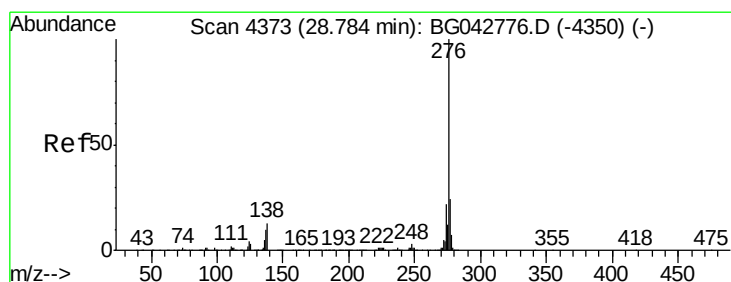
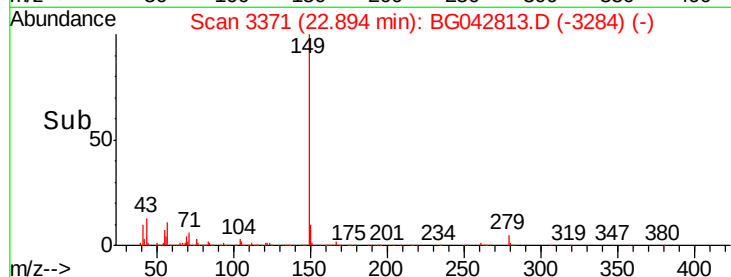
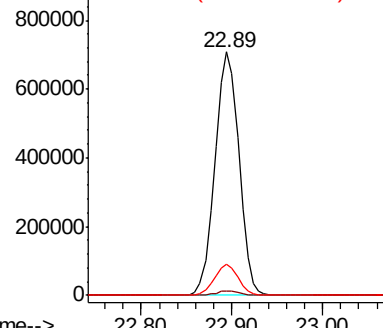
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 41.539 ng

RT: 28.76 min Scan# 4370

Delta R.T. -0.02 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

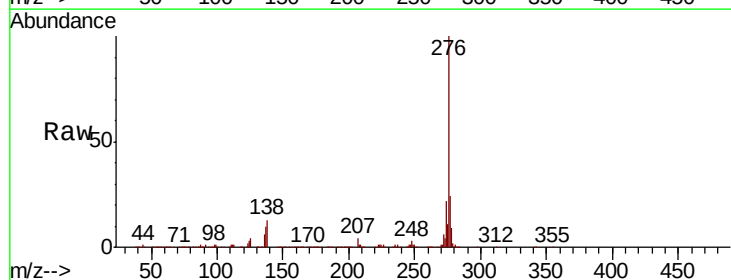
Tgt Ion:276 Resp: 1622059

Ion Ratio Lower Upper

276 100

138 12.9 9.3 13.9

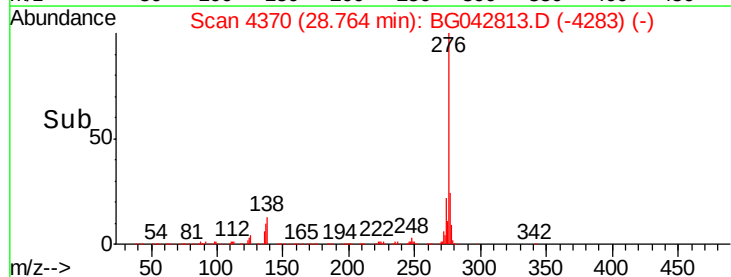
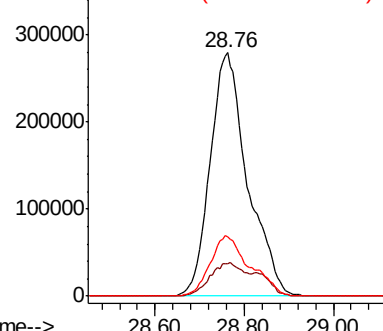
277 26.3 17.2 25.8#

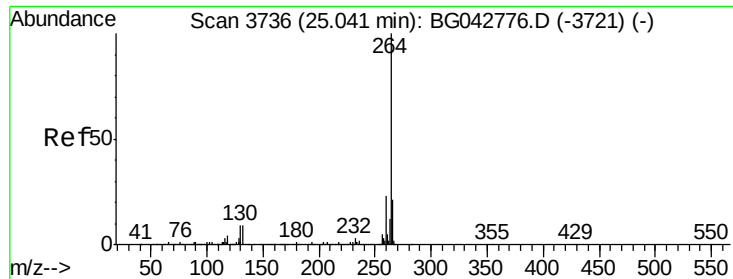


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Instrument :

BNA_G

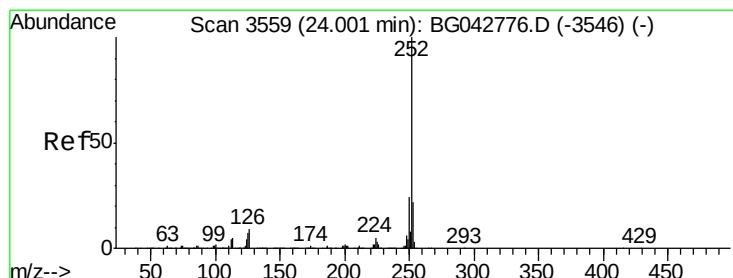
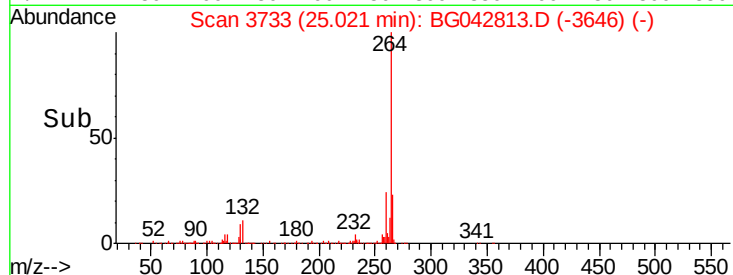
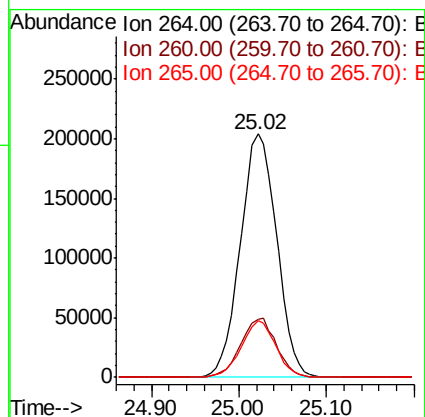
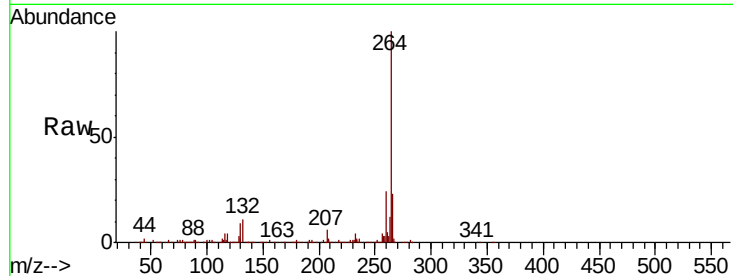
ClientSampleId :

PB123017BSD

Tot Ion:	264	Resp:	575836
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.2
265	23.1	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 42.370 ng

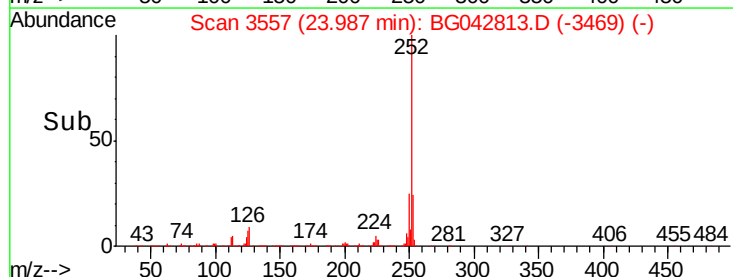
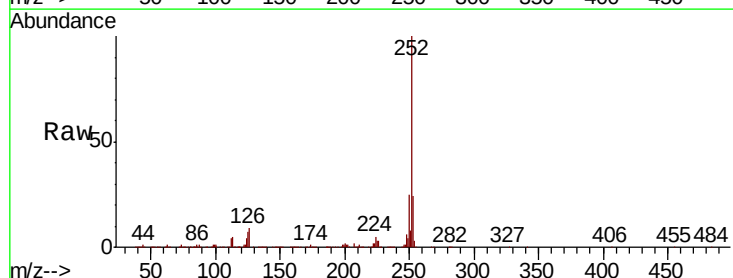
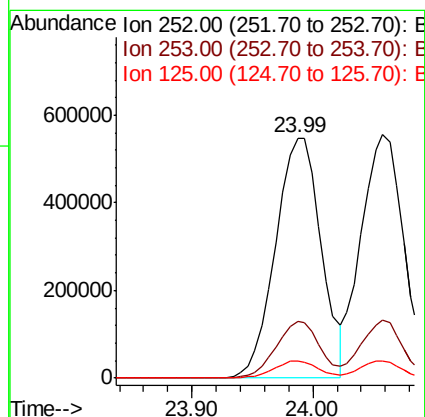
RT: 23.99 min Scan# 3557

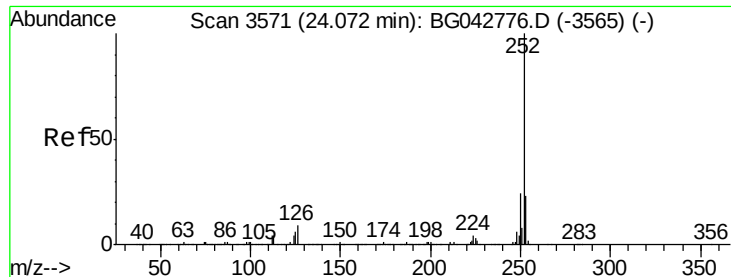
Delta R.T. -0.01 min

Lab File: BG042813.D

Acq: 13 Sep 2019 12:11

Tgt Ion:	252	Resp:	1432589
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	7.2	5.6	8.4





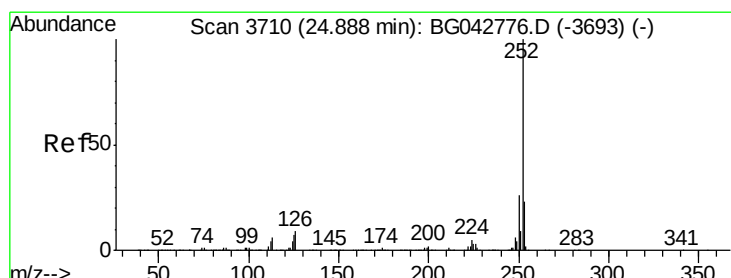
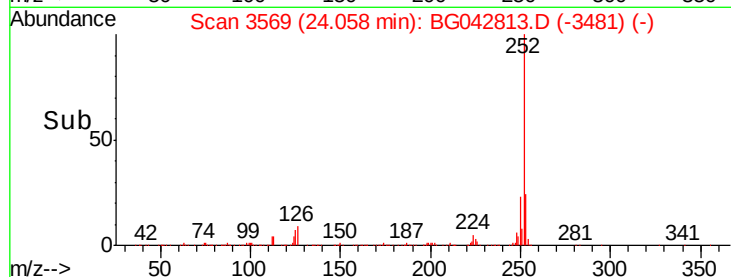
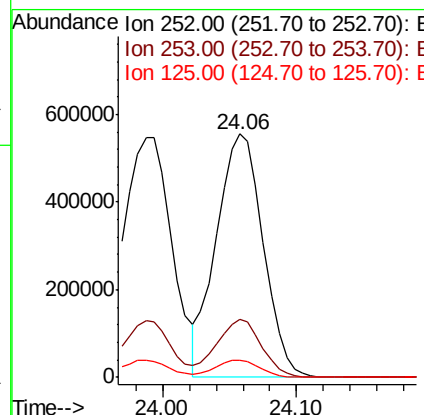
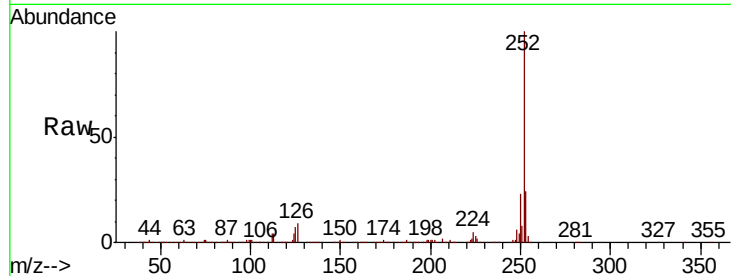
#89
Benzo(k)fluoranthene
Concen: 42.444 ng
RT: 24.06 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.4
125	7.0	5.3	7.9

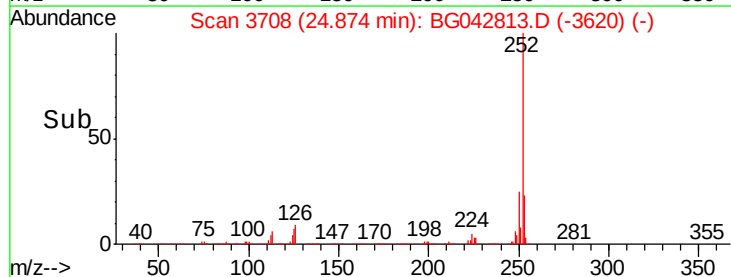
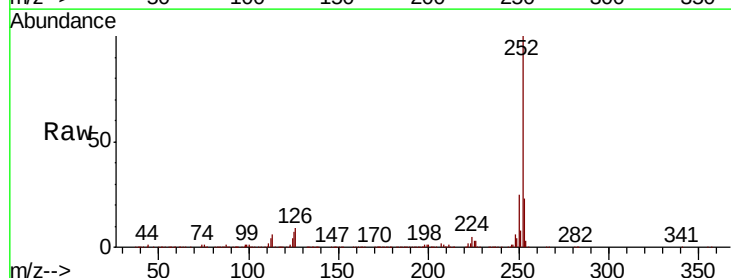
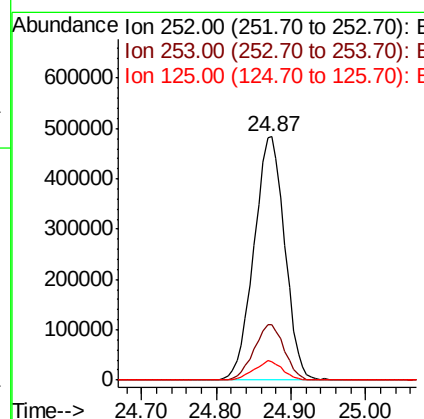
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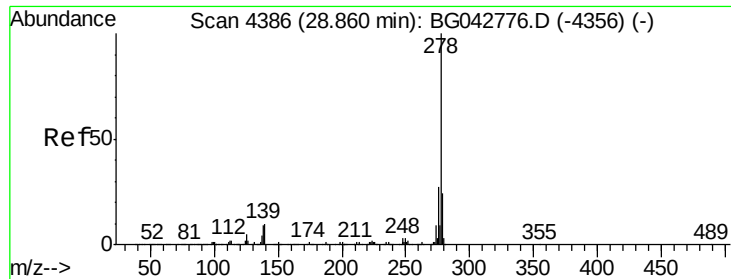
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#90
Benzo(a)pyrene
Concen: 43.707 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	7.4	5.7	8.5





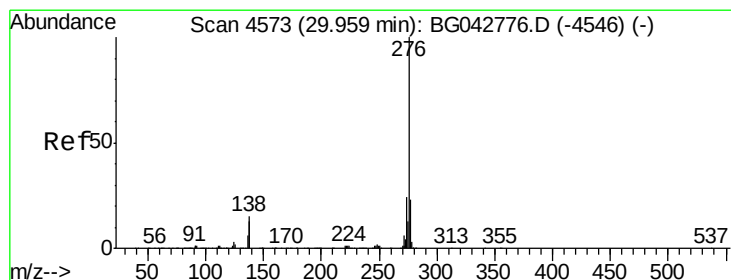
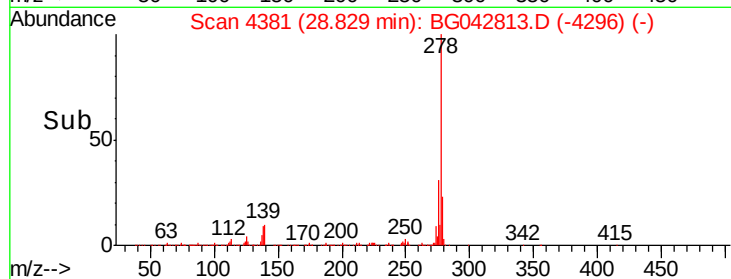
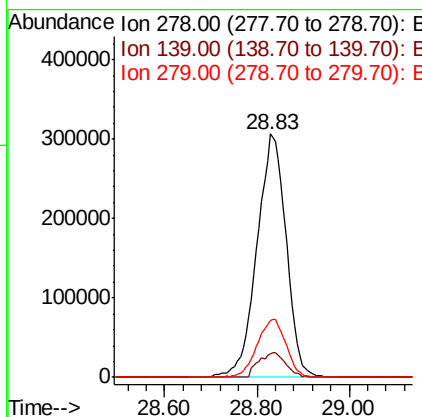
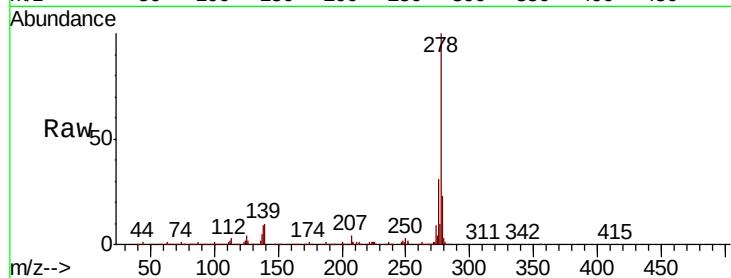
#91
Dibenzo(a,h)anthracene
Concen: 43.192 ng
RT: 28.83 min Scan# 4381
Delta R.T. -0.03 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Instrument :
BNA_G
ClientSampleId :
PB123017BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.2	12.2
279	23.3	19.4	29.2

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#92
Benzo(g,h,i)perylene
Concen: 43.585 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.04 min
Lab File: BG042813.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	14.5	11.8	17.8

