

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042809.D
 Acq On : 13 Sep 2019 9:39
 Operator : HP/JU
 Sample : PB122825BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

Manual Integrations
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mohammad
 9/16/2019 9:03:46 AM

Quant Time: Sep 13 14:09:52 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	78947	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	313526	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	212576	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	479903	20.00	ng	0.00
76) Chrysene-d12	21.76	240	521596	20.00	ng	0.00
87) Perylene-d12	25.02	264	553010	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	626681	138.01	ng	0.00
7) Phenol-d6	7.27	99	866060	132.88	ng	0.00
23) Nitrobenzene-d5	9.27	82	497624	82.63	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	355934	125.85	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1076199	80.14	ng	0.00
79) Terphenyl-d14	20.09	244	1880091	79.89	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.58	88	86643	41.808	ng	92
3) Pyridine	3.97	79	231256	37.062	ng	95
4) n-Nitrosodimethylamine	3.89	42	142523	46.941	ng	98
6) Aniline	7.44	93	314814	35.800	ng	99
8) 2-Chlorophenol	7.68	128	250733	51.081	ng	97
9) Benzaldehyde	7.25	77	186302	43.924	ng	97
10) Phenol	7.29	94	340005	50.867	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	239887	46.762	ng	99
12) 1,3-Dichlorobenzene	8.01	146	271681	45.379	ng	99
13) 1,4-Dichlorobenzene	8.15	146	274813	45.849	ng	95
14) 1,2-Dichlorobenzene	8.48	146	256676	44.986	ng	96
15) Benzyl Alcohol	8.35	79	264709	47.324	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	511721	45.424	ng	97
17) 2-Methylphenol	8.55	107	220703	49.354	ng	98
18) Hexachloroethane	9.21	117	97659	44.132	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	218759	45.549	ng	96
20) 3+4-Methylphenols	8.87	107	303131	49.175	ng	95
22) Acetophenone	8.93	105	376588	47.560	ng	# 99
24) Nitrobenzene	9.32	77	310598	49.137	ng	99
25) Isophorone	9.84	82	576720	45.944	ng	99
26) 2-Nitrophenol	10.03	139	129603	52.141	ng	94
27) 2,4-Dimethylphenol	10.09	122	239928	54.568	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	325423	46.487	ng	99
29) 2,4-Dichlorophenol	10.57	162	254297	49.770	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	280586	44.979	ng	98
31) Naphthalene	10.98	128	738065	47.679	ng	99
32) Benzoic acid	10.18	122	78191	25.219	ng	98
33) 4-Chloroaniline	11.07	127	174923	24.176	ng	98
34) Hexachlorobutadiene	11.27	225	192788	44.109	ng	95
35) Caprolactam	11.84	113	89794m	47.259	ng	
36) 4-Chloro-3-methylphenol	12.18	107	272068	49.042	ng	99
37) 2-Methylnaphthalene	12.58	142	546537	47.132	ng	96
38) 1-Methylnaphthalene	12.79	142	503237	46.271	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	330388	47.034	ng	97

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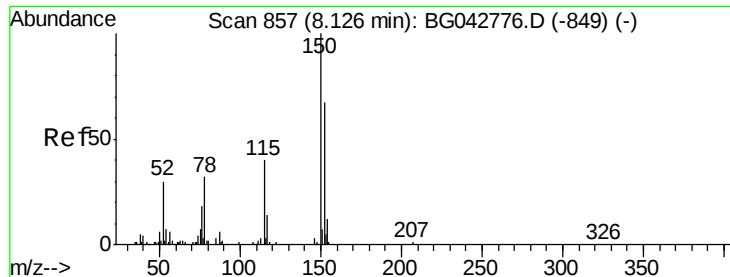
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	421296	104.693	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	225484	48.216	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	240379	50.182	nq	95
46) 1,1'-Biphenyl	13.58	154	715925	48.108	nq	99
47) 2-Chloronaphthalene	13.62	162	555177	45.098	nq	97
48) 2-Nitroaniline	13.80	65	201204	47.115	nq	97
49) Acenaphthylene	14.46	152	889943	47.306	nq	99
50) Dimethylphthalate	14.19	163	712221	44.725	nq	99
51) 2,6-Dinitrotoluene	14.30	165	156967	48.038	nq	97
52) Acenaphthene	14.80	154	534909	43.523	nq	98
53) 3-Nitroaniline	14.63	138	123305	33.623	nq	95
54) 2,4-Dinitrophenol	14.82	184	27714	17.229	nq	# 1
55) Dibenzofuran	15.13	168	855889	46.852	nq	97
56) 4-Nitrophenol	14.92	139	277209	97.764	nq	97
57) 2,4-Dinitrotoluene	15.09	165	214693	49.293	nq	# 99
58) Fluorene	15.78	166	704129	46.508	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	224970	48.448	nq	99
60) Diethylphthalate	15.55	149	708402	43.824	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	404196	45.153	nq	96
62) 4-Nitroaniline	15.78	138	180357	45.626	nq	98
63) Azobenzene	16.07	77	725022	46.577	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	38615	18.805	nq	91
66) n-Nitrosodiphenylamine	15.98	169	635484	49.210	nq	100
67) 4-Bromophenyl-phenylether	16.67	248	265421	45.695	nq	99
68) Hexachlorobenzene	16.79	284	275938	44.458	nq	99
69) Atrazine	16.93	200	245485	54.589	nq	99
70) Pentachlorophenol	17.12	266	244727	66.466	nq	97
71) Phenanthrene	17.52	178	1111884	48.446	nq	100
72) Anthracene	17.61	178	1126447	49.127	nq	99
73) Carbazole	17.87	167	1076872	49.413	nq	97
74) Di-n-butylphthalate	18.44	149	1228362	47.053	nq	99
75) Fluoranthene	19.53	202	1484627	49.912	nq	99
77) Benzidine	19.70	184	595662	40.875	nq	98
78) Pyrene	19.89	202	1492743	45.712	nq	98
80) Butylbenzylphthalate	20.77	149	611879	46.298	nq	98
81) Benzo(a)anthracene	21.74	228	1528613	46.093	nq	97
82) 3,3'-Dichlorobenzidine	21.65	252	439929	34.135	nq	100
83) Chrysene	21.81	228	1478946	47.080	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	868662	48.104	nq	99
85) Di-n-octyl phthalate	22.90	149	1471689	47.807	nq	100
86) Indeno(1,2,3-cd)pyrene	28.77	276	1878365	48.285	nq	# 92
88) Benzo(b)fluoranthene	23.99	252	1654267	50.945	nq	99
89) Benzo(k)fluoranthene	24.06	252	1564959	51.020	nq	99
90) Benzo(a)pyrene	24.87	252	1600085	52.626	nq	98
91) Dibenzo(a,h)anthracene	28.84	278	1552018	51.899	nq	99
92) Benzo(g,h,i)perylene	29.94	276	1530806	52.480	nq	97

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



#1

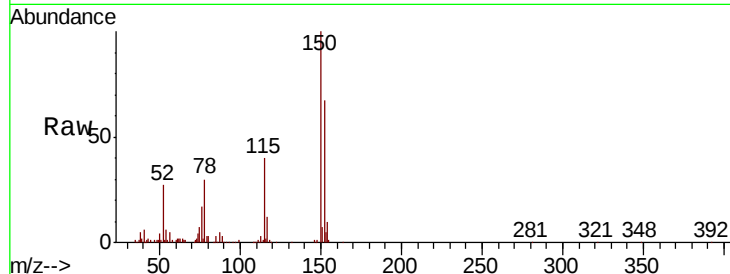
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	118.9	178.3
115	59.3	47.4	71.2

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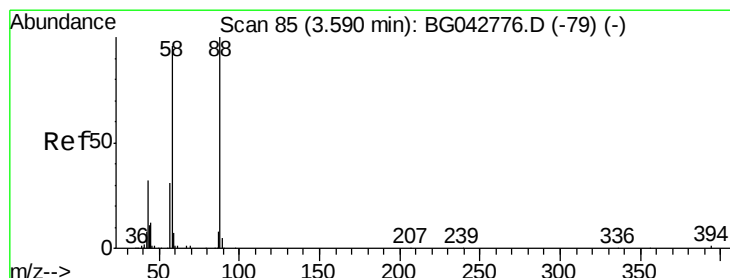
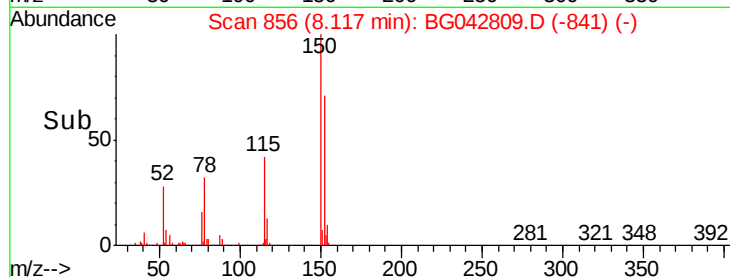
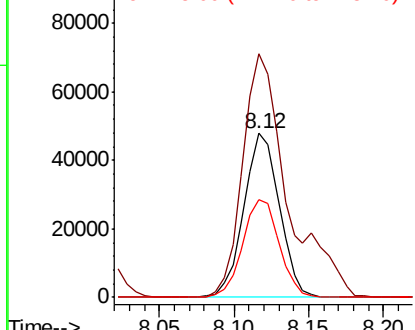


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

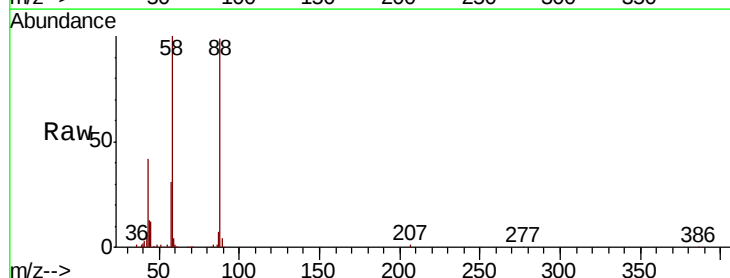
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.808 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.3	79.1	118.7
43	45.0	30.4	45.6

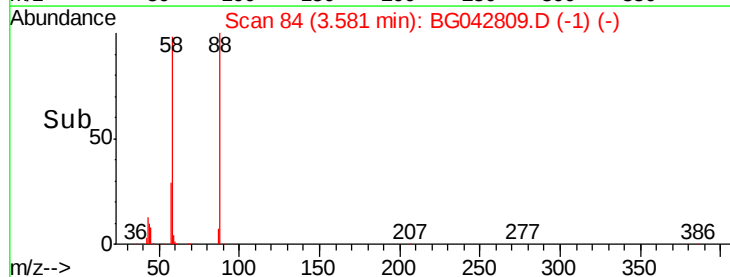
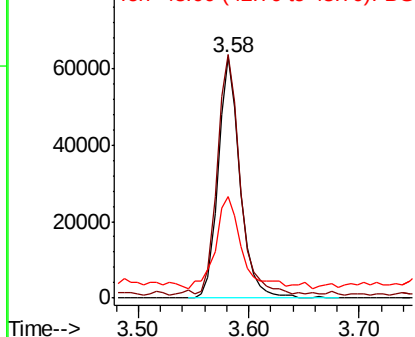


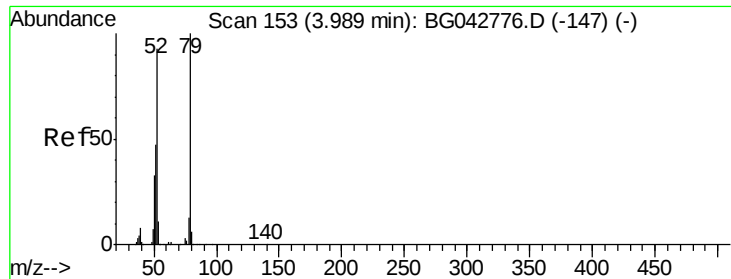
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.062 ng

RT: 3.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

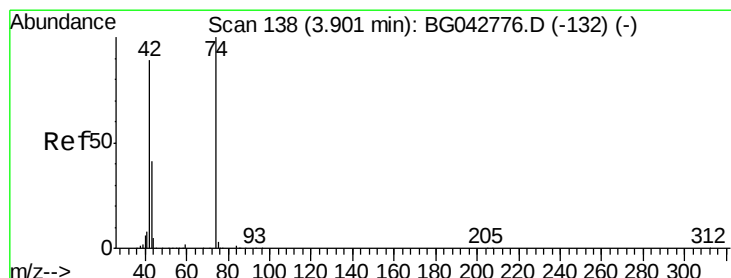
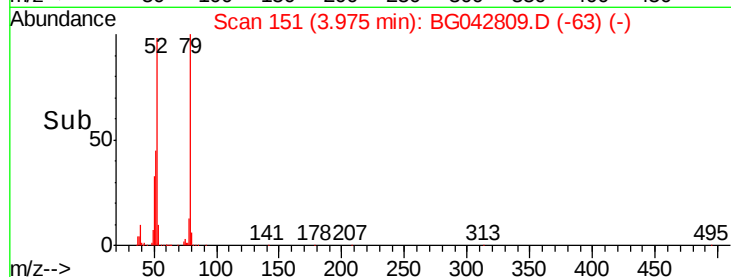
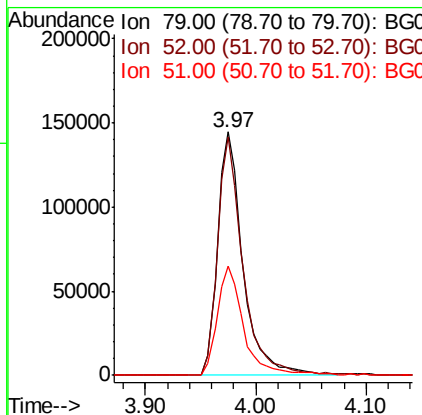
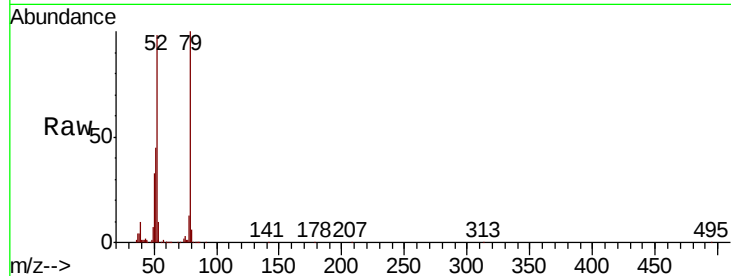
ClientSampleId :

PB122825BSD

Tot Ion:	79	Resp:	231256
Ion Ratio	Lower	Upper	
79	100		
52	97.8	74.0	111.0
51	45.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 46.941 ng

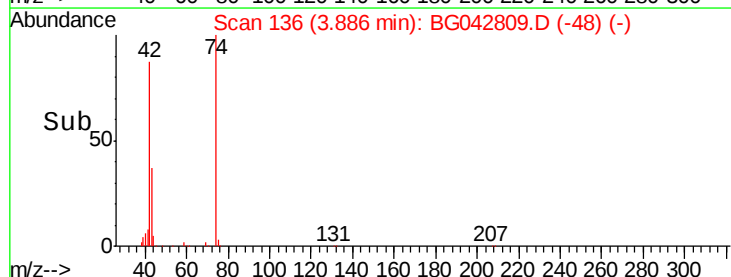
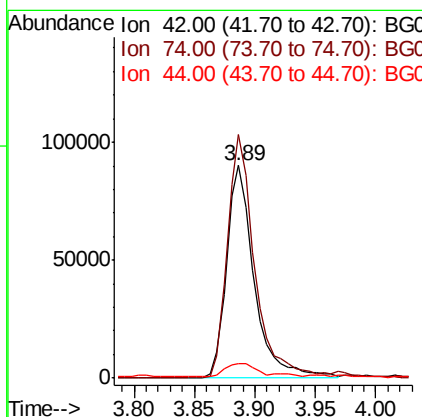
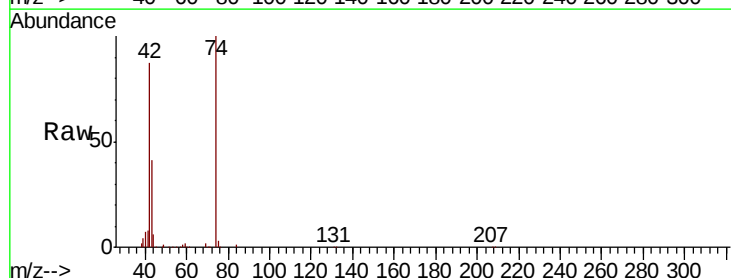
RT: 3.89 min Scan# 136

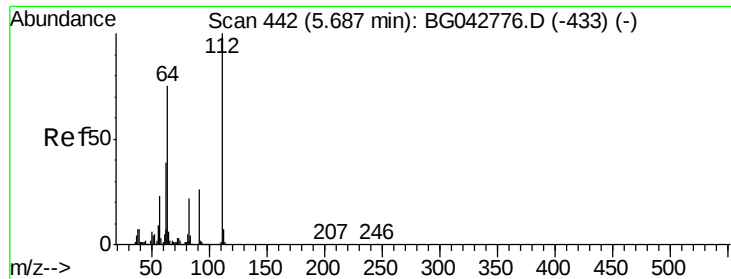
Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	42	Resp:	142523
Ion Ratio	Lower	Upper	
42	100		
74	114.5	90.2	135.2
44	7.1	6.6	9.8





#5

2-Fluorophenol

Concen: 138.006 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

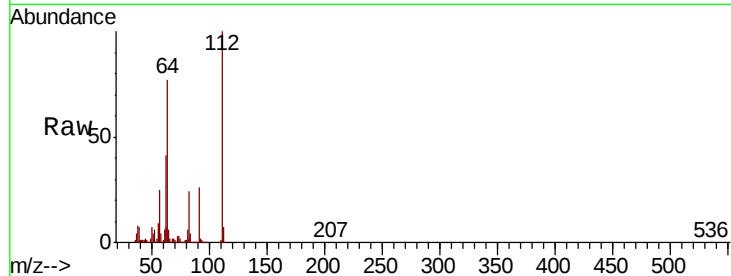
ClientSampleId :

PB122825BSD

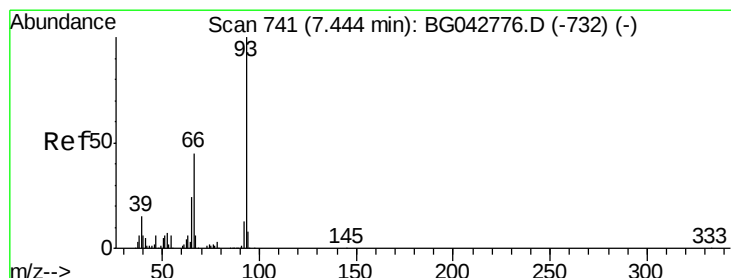
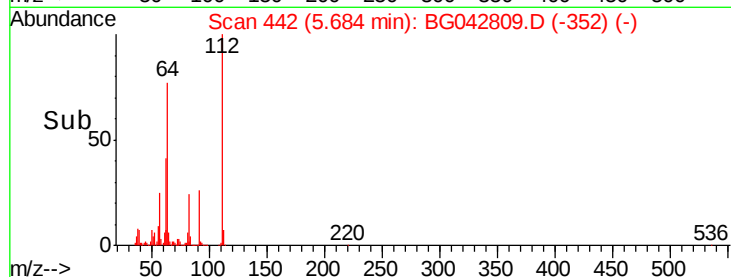
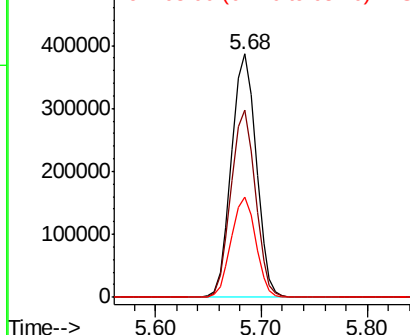
Tot Ion:	112	Resp:	626681
Ion Ratio	Lower	Upper	
112	100		
64	77.1	60.2	90.2
63	41.4	31.2	46.8

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.800 ng

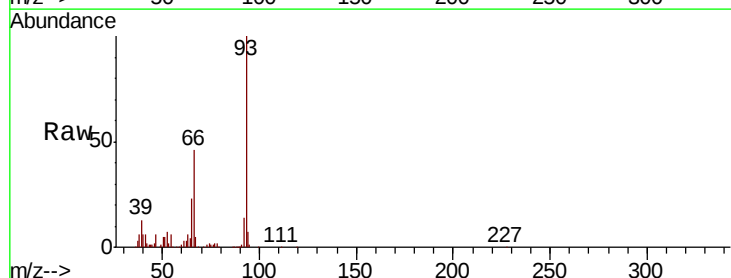
RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

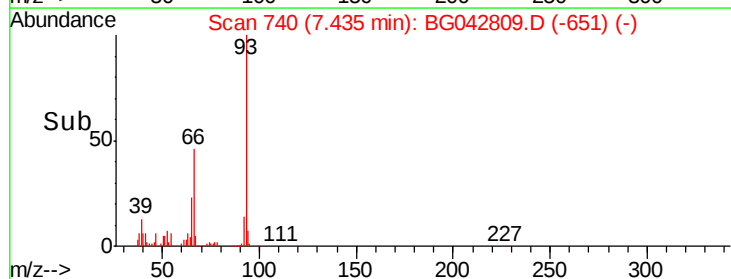
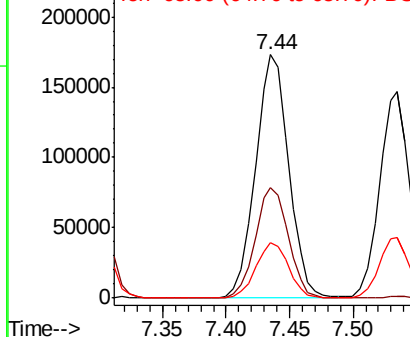
Lab File: BG042809.D

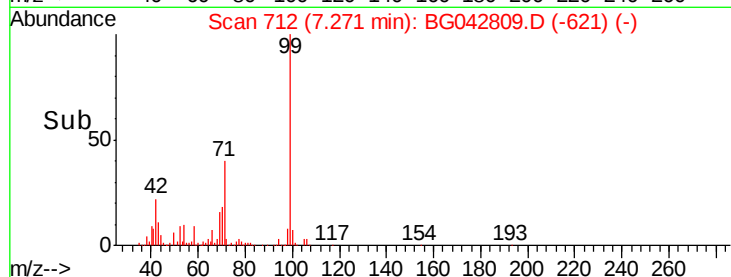
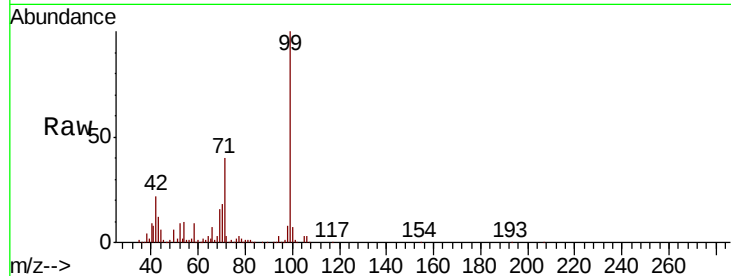
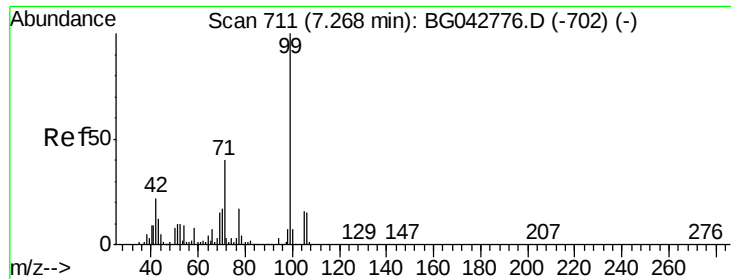
Acq: 13 Sep 2019 9:39

Tgt Ion:	93	Resp:	314814
Ion Ratio	Lower	Upper	
93	100		
66	45.6	36.3	54.5
65	22.8	19.3	28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.875 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		866060		
42	21.8	17.5	26.3		
71	40.4	32.0	48.0		

Instrument :

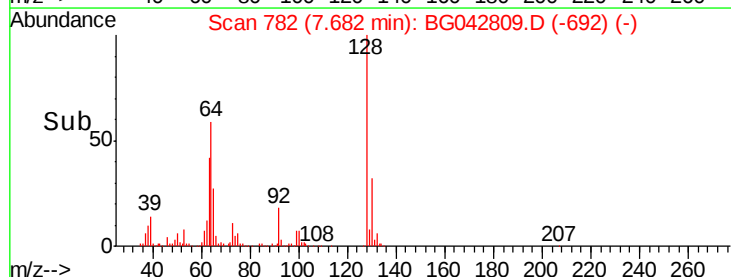
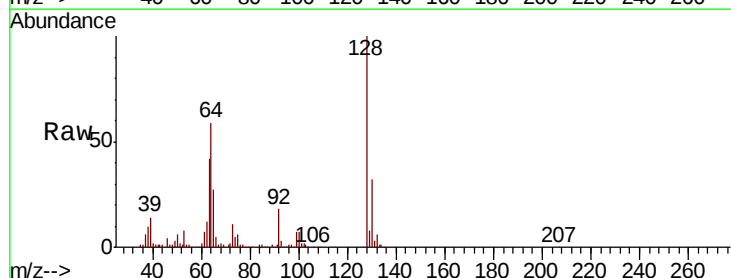
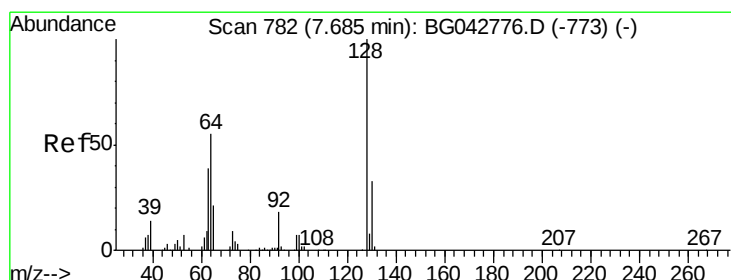
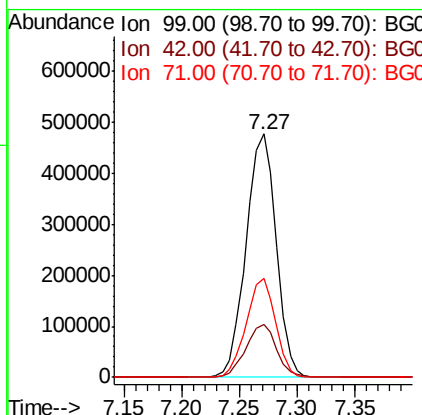
BNA_G

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#8

2-Chlorophenol

Concen: 51.081 ng

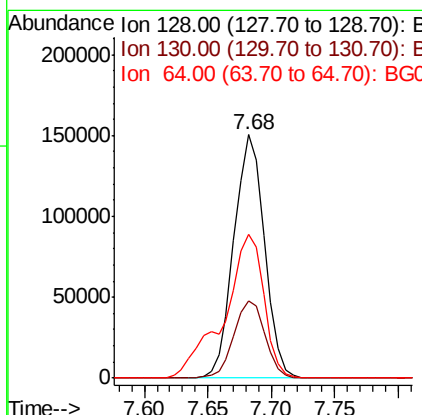
RT: 7.68 min Scan# 782

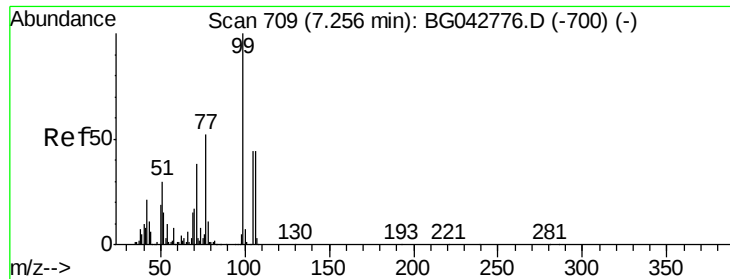
Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		250733		
130	31.7	12.8	52.8		
64	59.1	36.8	76.8		





#9

Benzaldehyde

Concen: 43.924 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

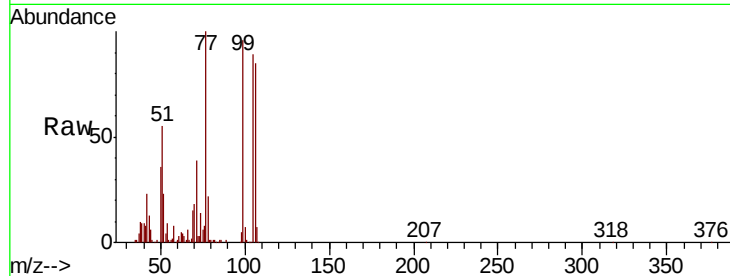
ClientSampleId :

PB122825BSD

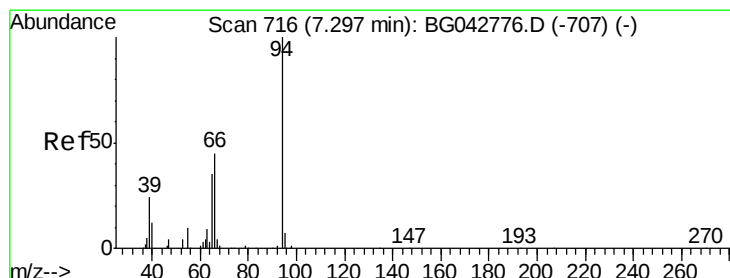
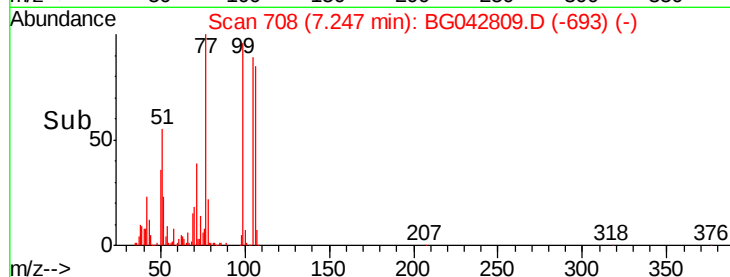
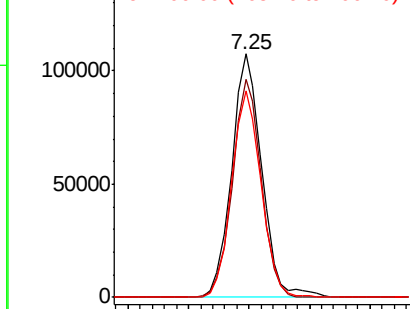
Tot Ion:	77	Resp:	186302
Ion Ratio	Lower	Upper	
77	100		
105	89.4	64.5	104.5
106	84.6	63.4	103.4

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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: 50.867 ng

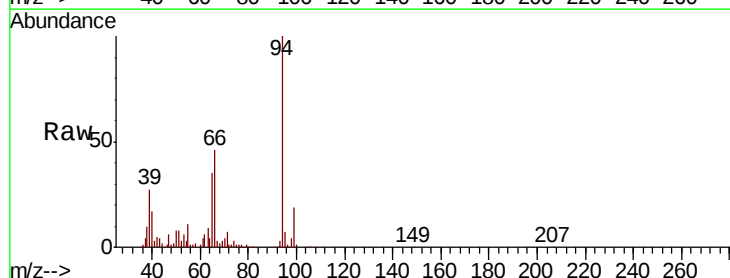
RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

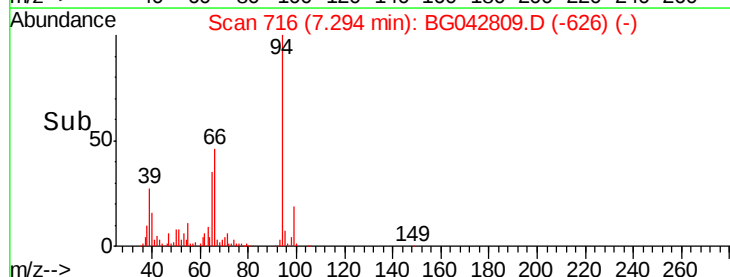
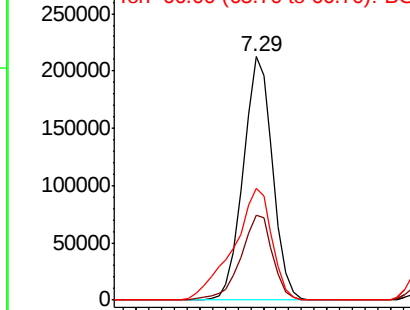
Lab File: BG042809.D

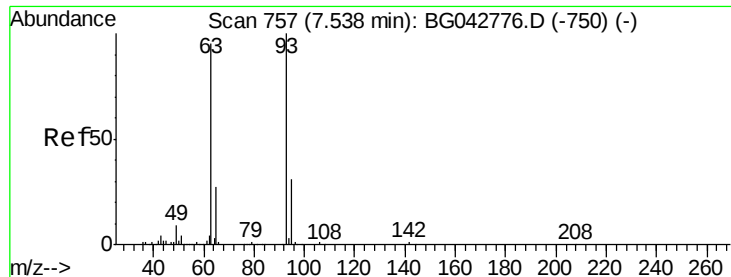
Acq: 13 Sep 2019 9:39

Tgt Ion:	94	Resp:	340005
Ion Ratio	Lower	Upper	
94	100		
65	34.6	15.0	55.0
66	45.8	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





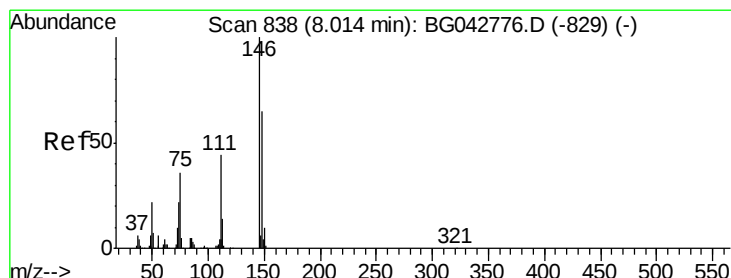
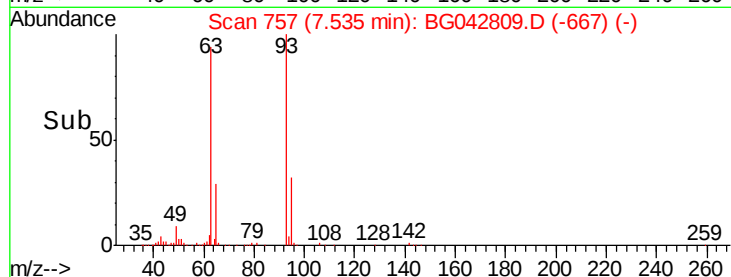
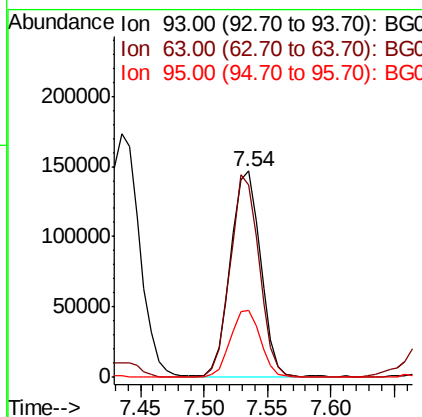
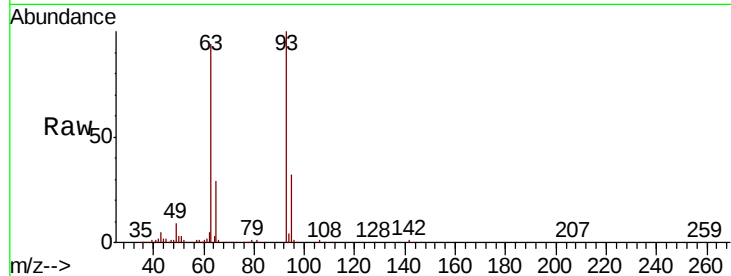
#11
bis(2-Chloroethyl)ether
Concen: 46.762 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.5	74.7	114.7
95	32.3	11.1	51.1

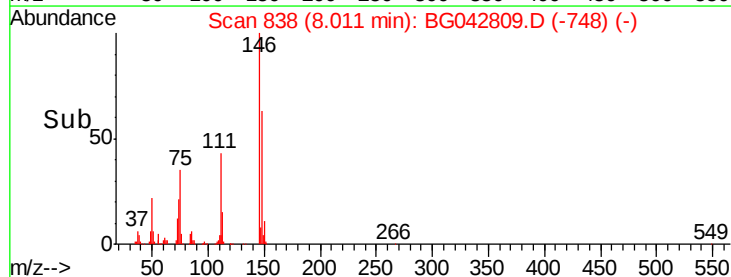
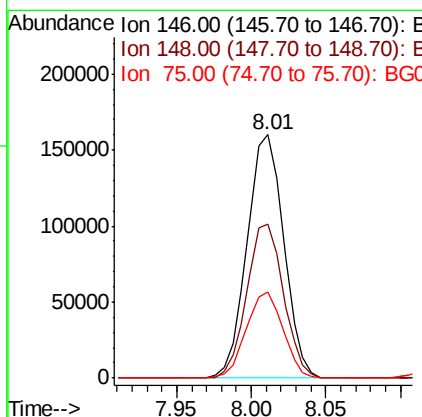
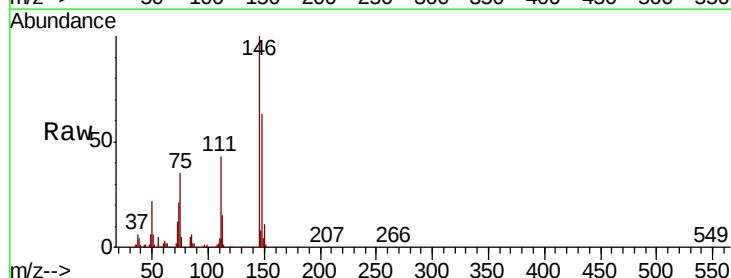
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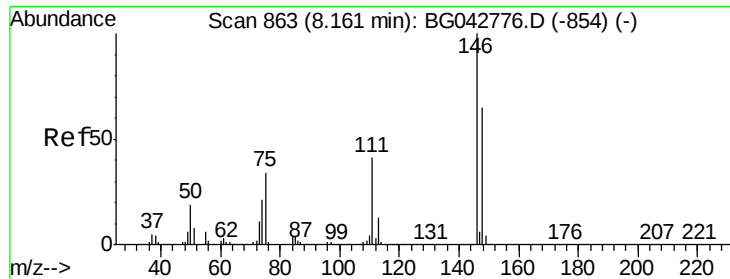
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#12
1,3-Dichlorobenzene
Concen: 45.379 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	35.5	28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 45.849 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

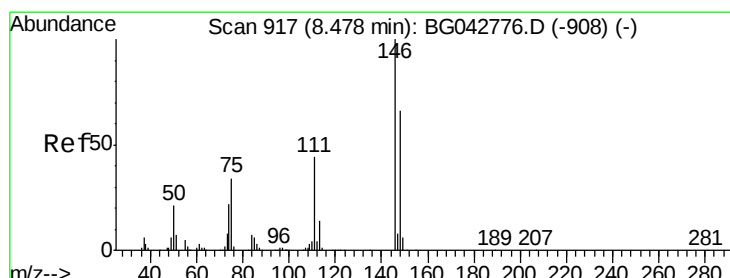
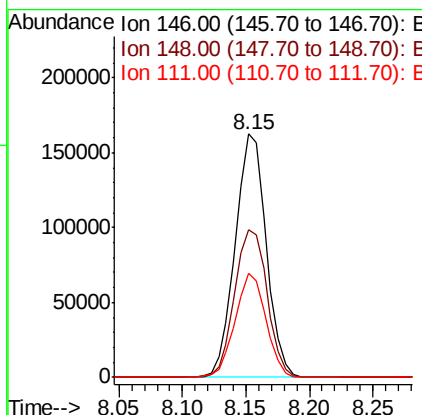
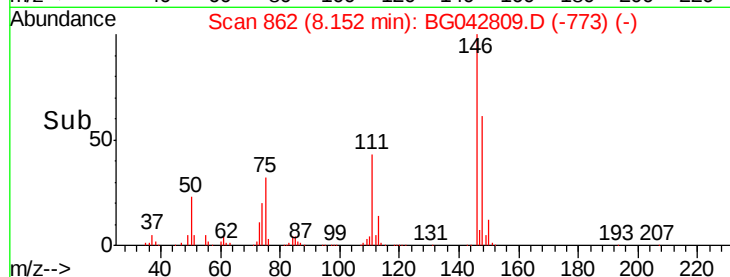
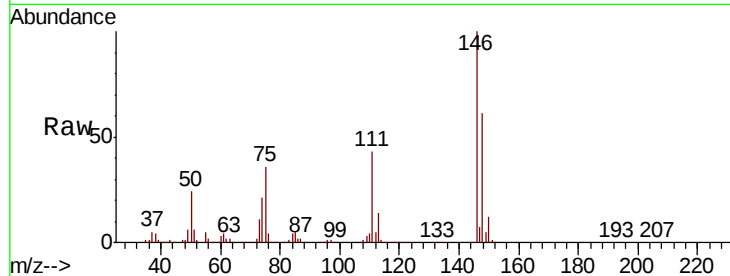
ClientSampleId :

PB122825BSD

Tot Ion:	146	Resp:	274813
Ion Ratio	Lower	Upper	
146	100		
148	60.5	52.2	78.4
111	42.5	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 44.986 ng

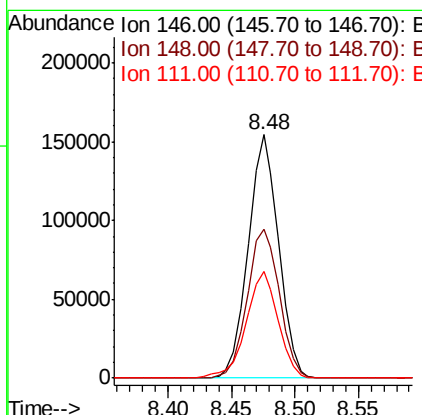
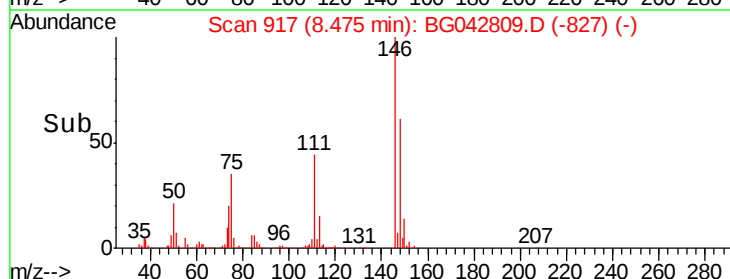
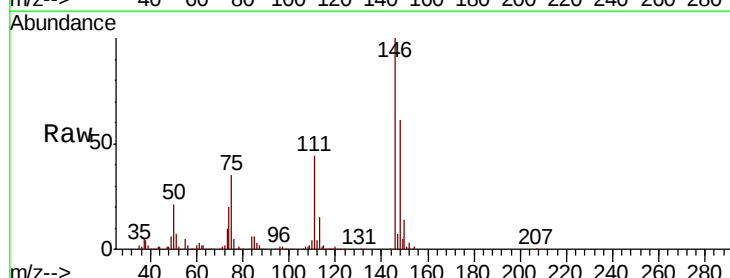
RT: 8.48 min Scan# 917

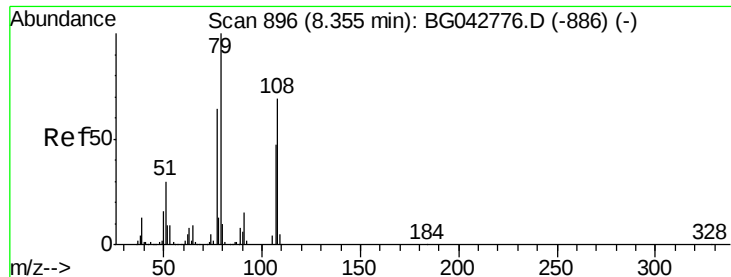
Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	146	Resp:	256676
Ion Ratio	Lower	Upper	
146	100		
148	61.1	52.6	78.8
111	43.7	35.3	52.9





#15

Benzyl Alcohol

Concen: 47.324 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

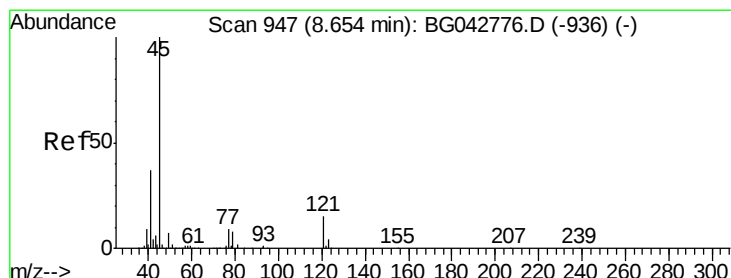
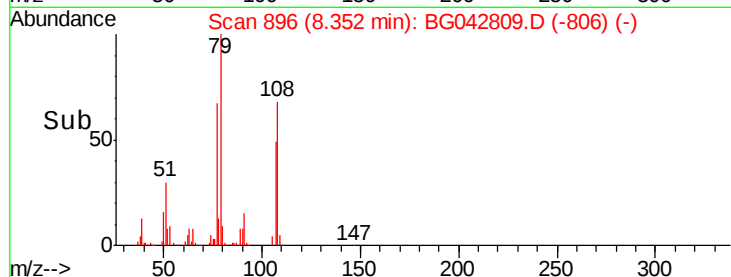
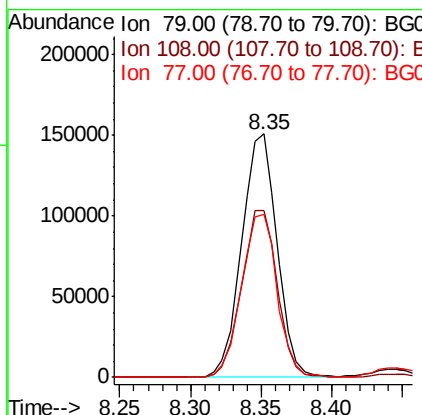
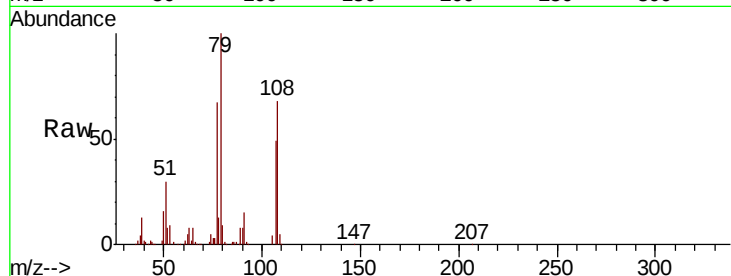
ClientSampleId :

PB122825BSD

Tot Ion:	79	Resp:	264709
Ion Ratio	Lower	Upper	
79	100		
108	68.4	54.9	82.3
77	66.8	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.424 ng

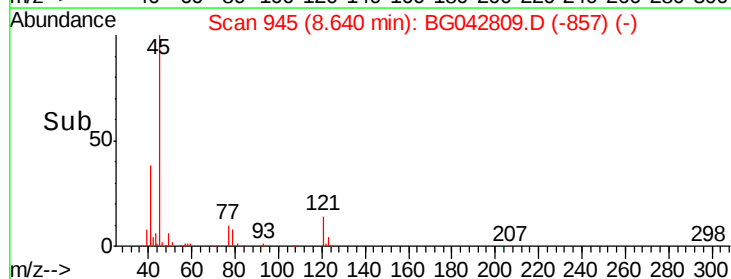
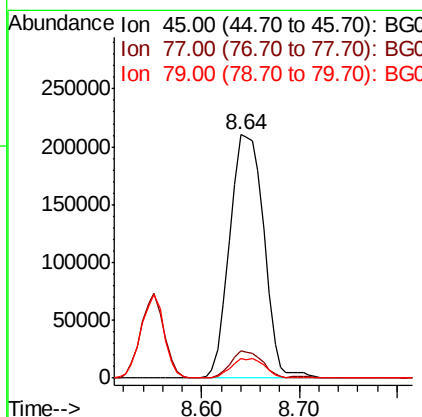
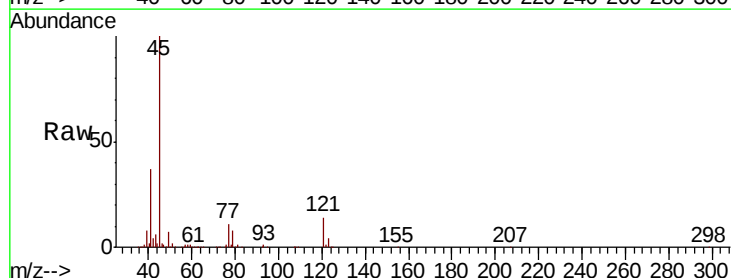
RT: 8.64 min Scan# 945

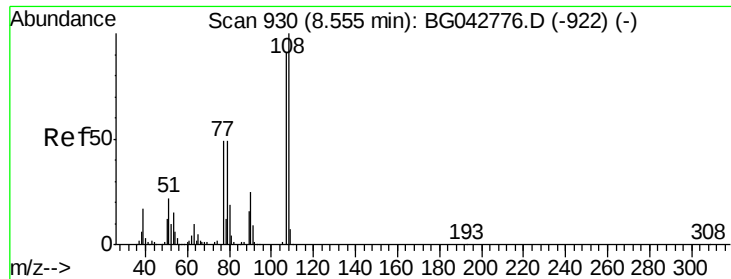
Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	45	Resp:	511721
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	29.4
79	8.0	0.0	28.4





#17

2-Methylphenol

Concen: 49.354 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

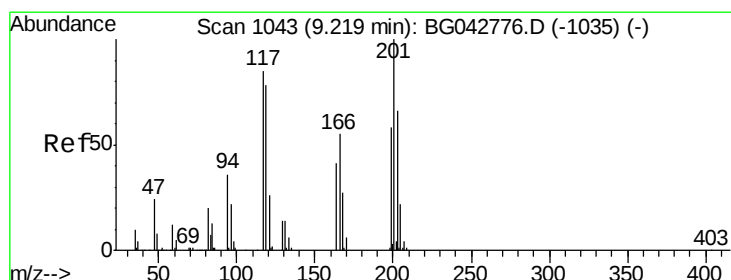
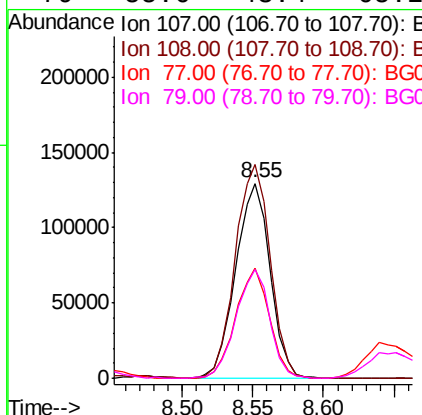
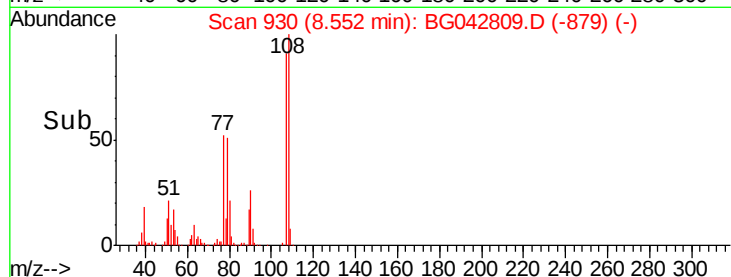
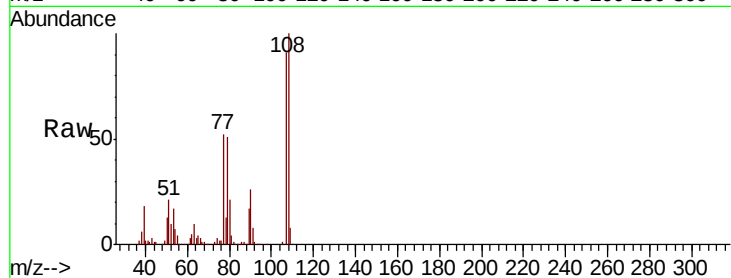
ClientSampleId :

PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	87.7	131.5	
77	56.5	42.6	64.0	
79	55.6	43.4	65.2	

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#18

Hexachloroethane

Concen: 44.132 ng

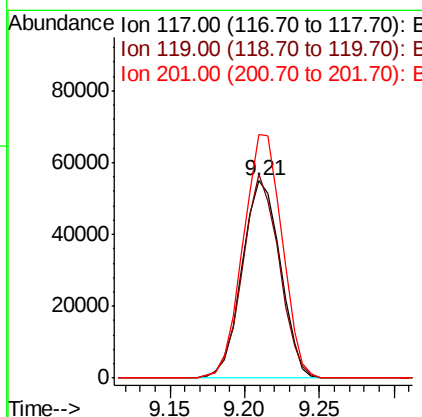
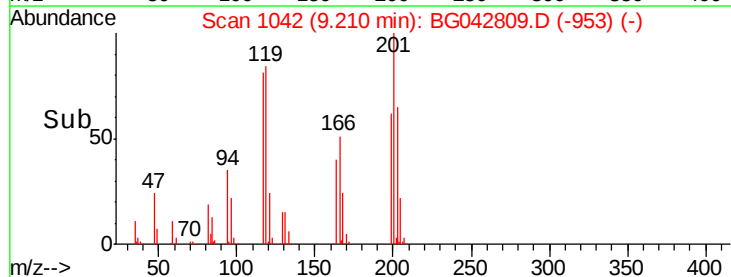
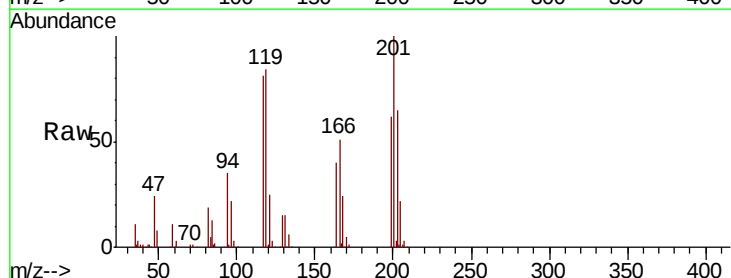
RT: 9.21 min Scan# 1042

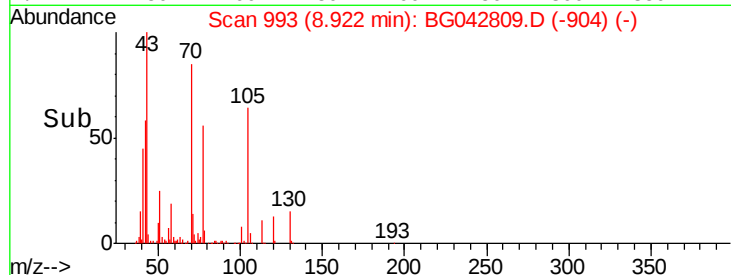
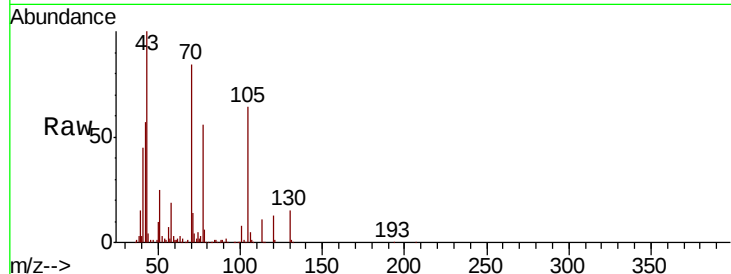
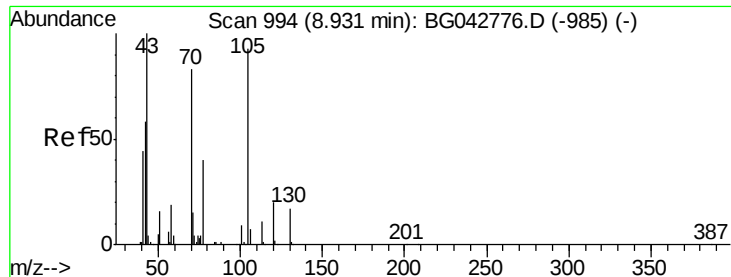
Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.4	73.8	110.8	
201	123.5	94.6	142.0	





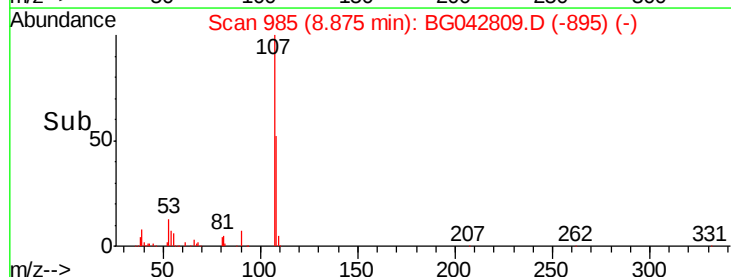
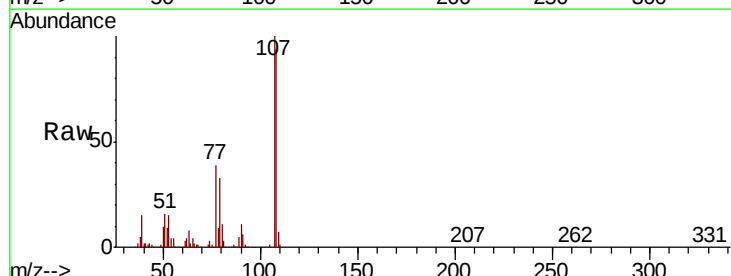
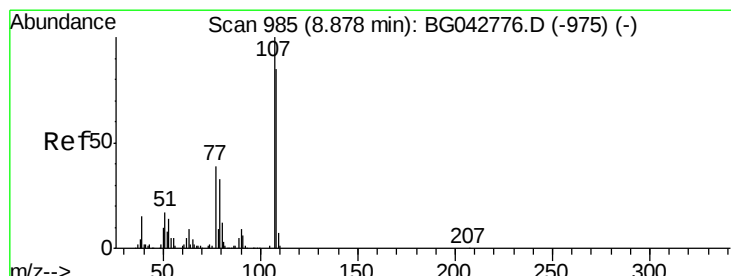
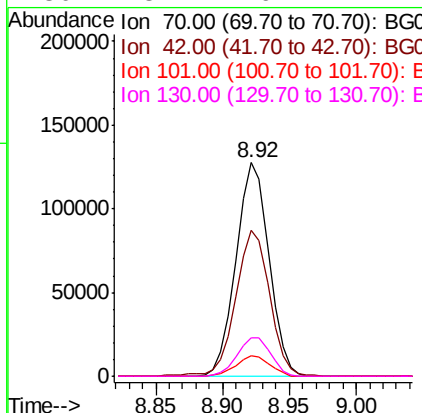
#19
n-Nitroso-di-n-propylamine
Concen: 45.549 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	68.3	57.0	85.6
101	9.4	8.4	12.6
130	18.1	16.1	24.1

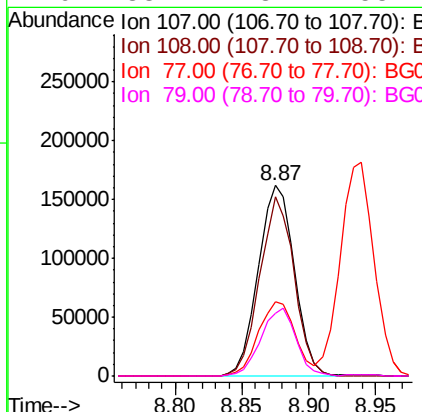
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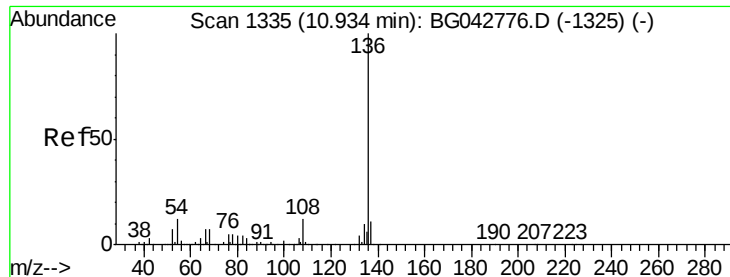
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#20
3+4-Methylphenols
Concen: 49.175 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	93.9	65.4	105.4
77	39.1	18.7	58.7
79	33.1	13.7	53.7





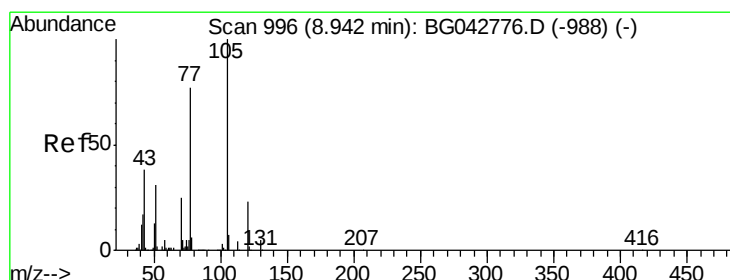
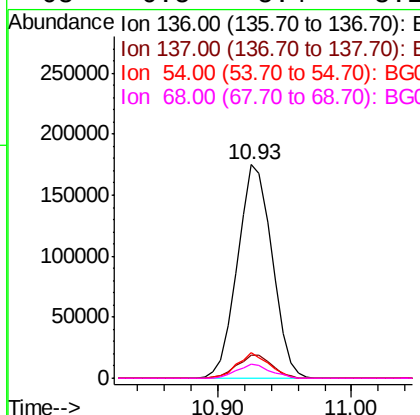
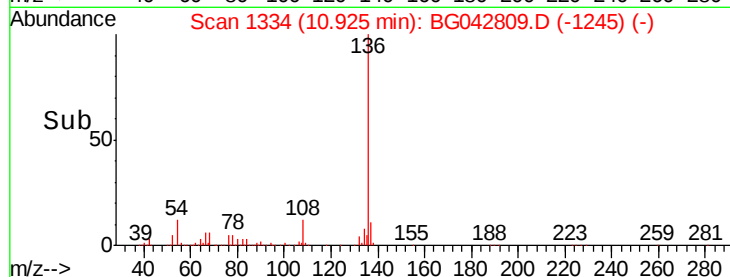
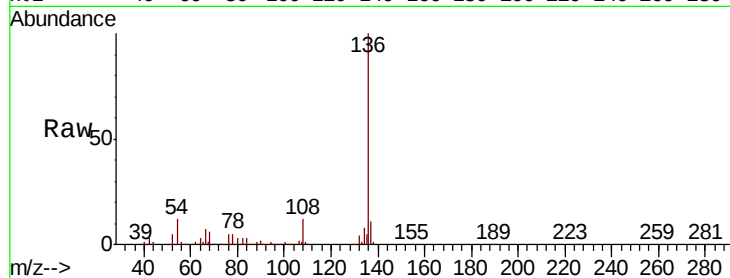
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.0	13.6	
54	11.8	9.4	14.0	
68	6.5	5.4	8.2	

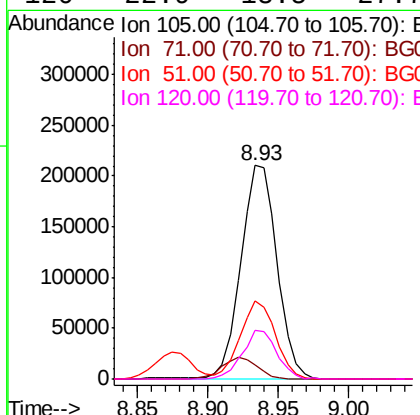
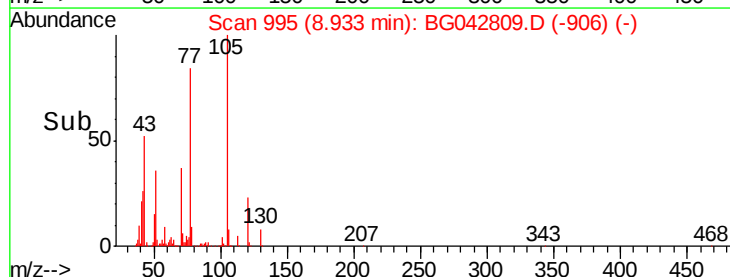
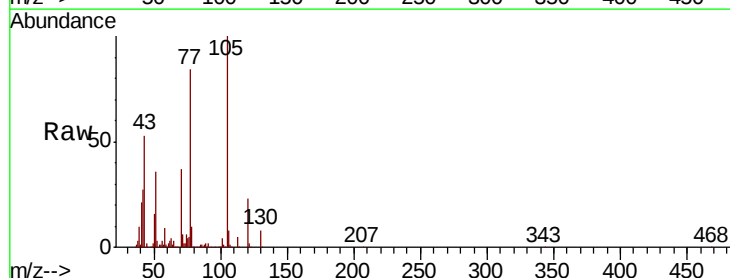
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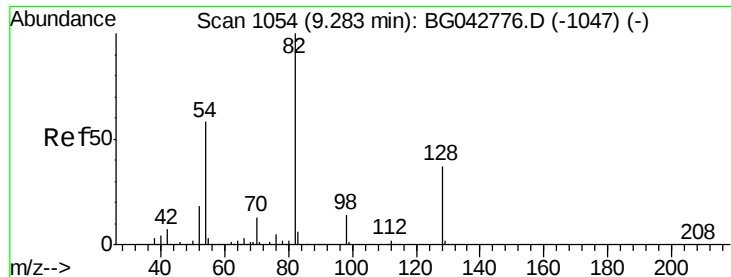
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#22
Acetophenone
Concen: 47.560 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	3.7	5.5#	
51	36.4	28.8	43.2	
120	22.9	18.5	27.7	





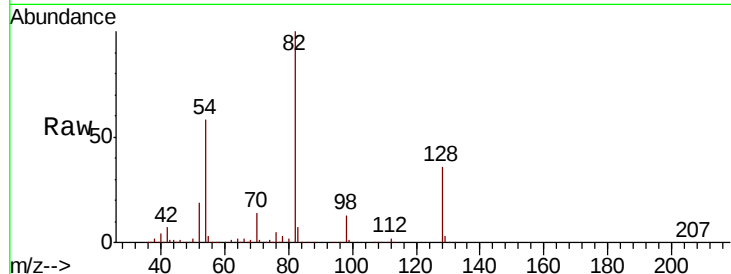
#23
Nitrobenzene-d5
Concen: 82.633 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.9	29.8	44.8	
54	58.1	46.1	69.1	

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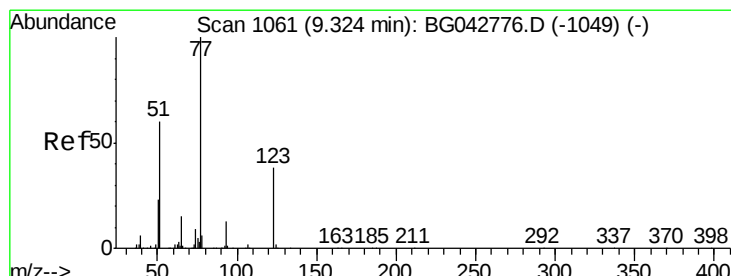
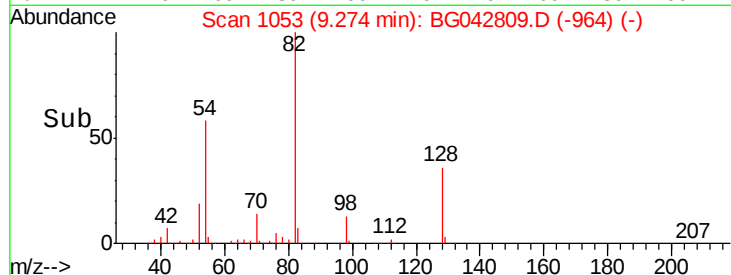
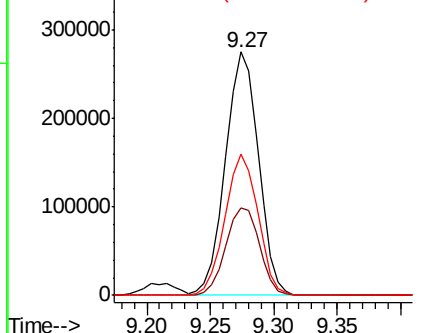


Abundance

Ion 82.00 (81.70 to 82.70): BGC

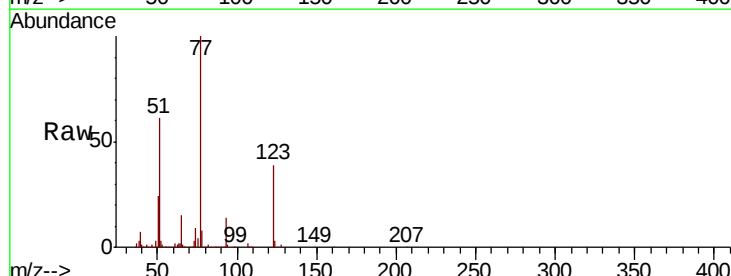
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 49.137 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.4	30.7	46.1	
65	15.1	12.2	18.4	

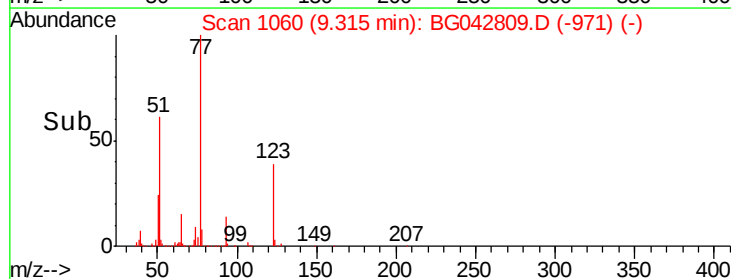
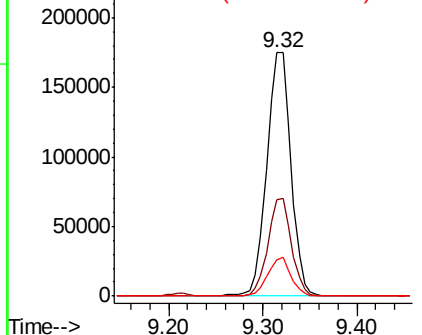


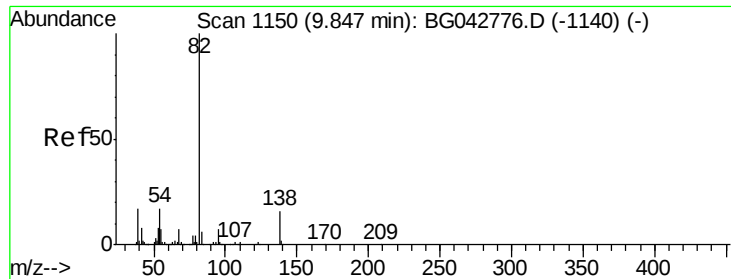
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.944 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

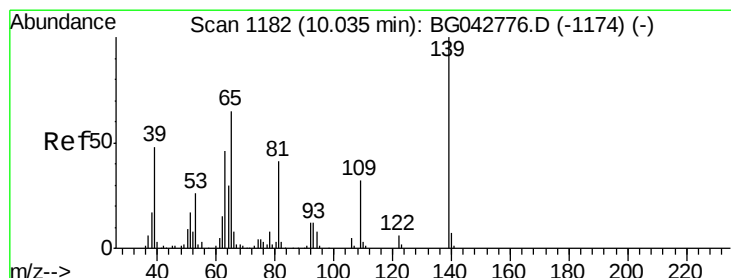
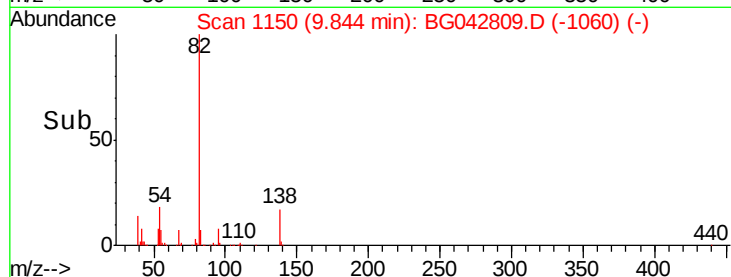
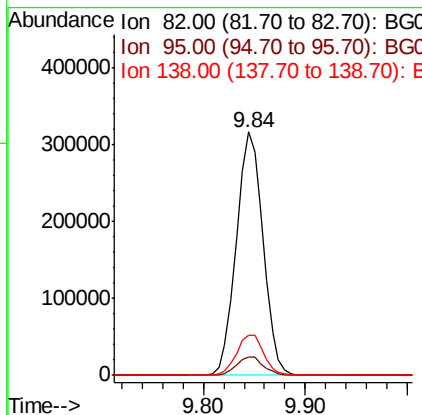
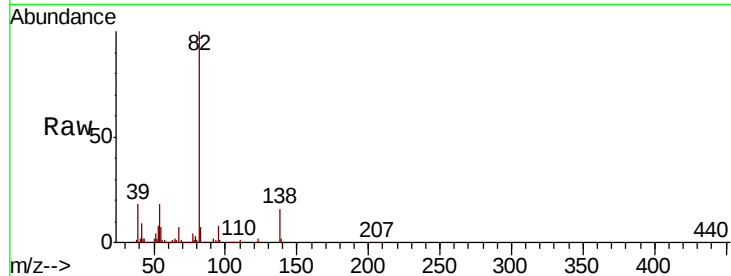
ClientSampleId :

PB122825BSD

Tot Ion:	82	Resp:	576720
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.8
138	16.5	12.9	19.3

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#26

2-Nitrophenol

Concen: 52.141 ng

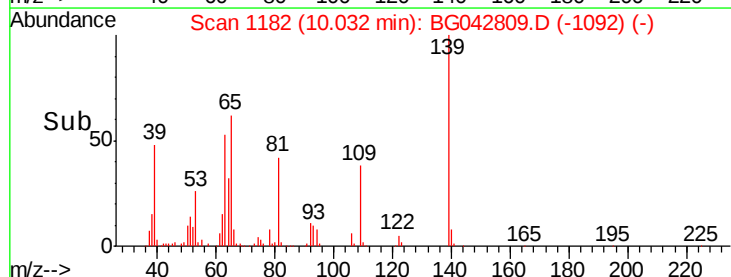
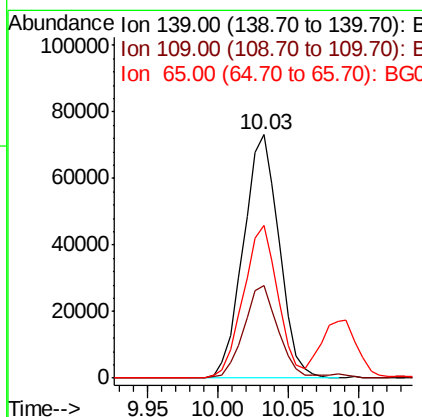
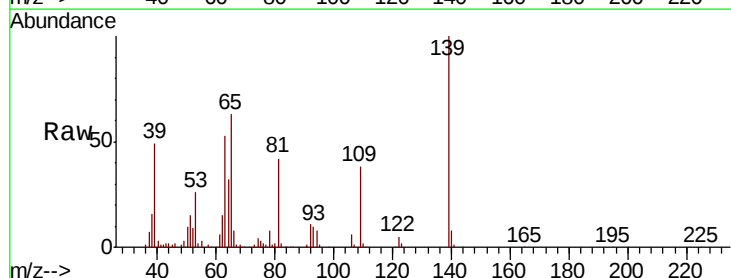
RT: 10.03 min Scan# 1182

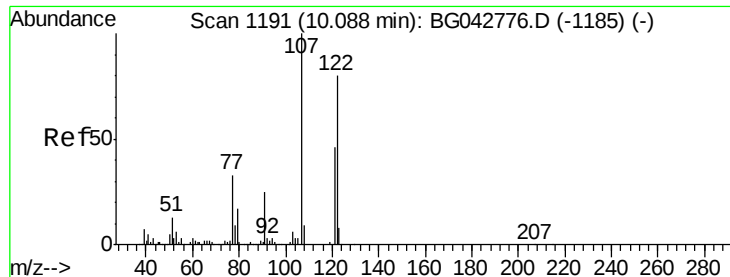
Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	139	Resp:	129603
Ion Ratio	Lower	Upper	
139	100		
109	38.1	25.8	38.8
65	62.6	52.2	78.2





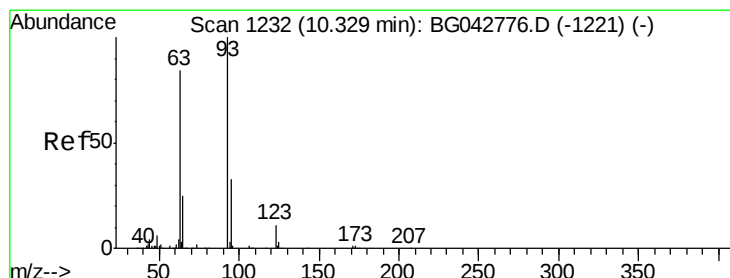
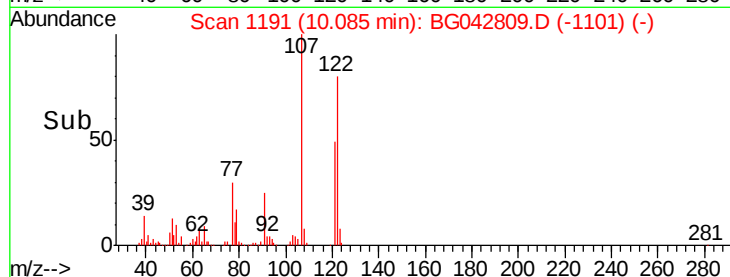
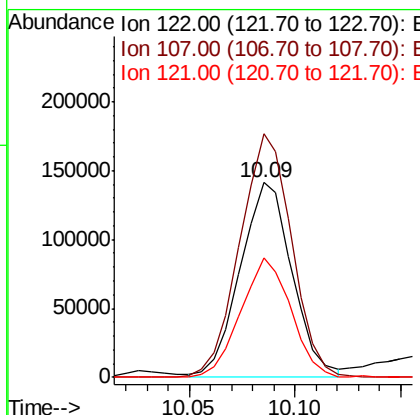
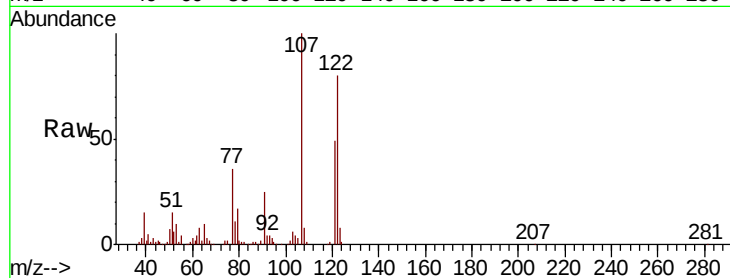
#27
 2,4-Dimethylphenol
 Concen: 54.568 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	239928		
107	125.2	98.9	148.3	
121	61.6	46.2	69.2	

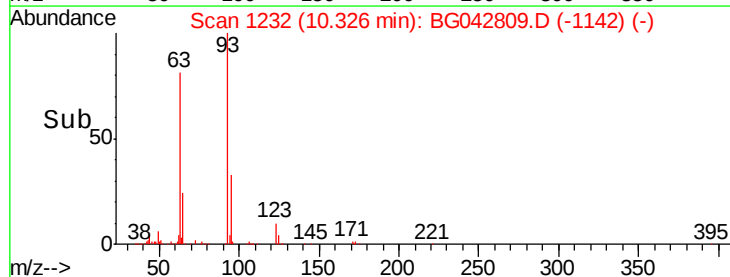
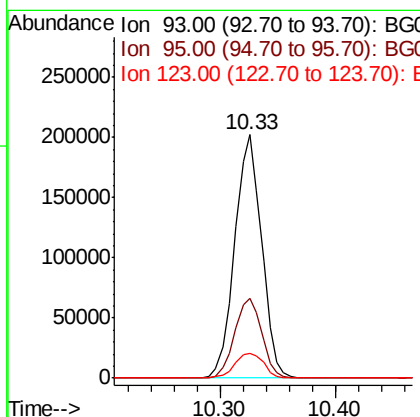
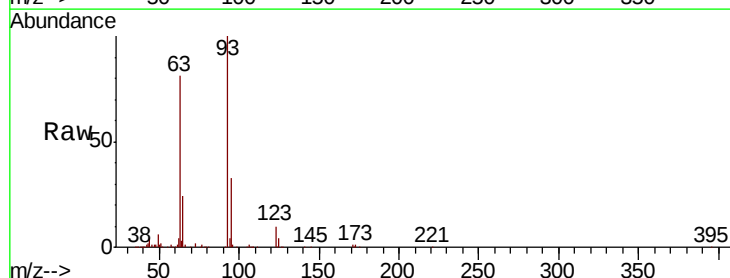
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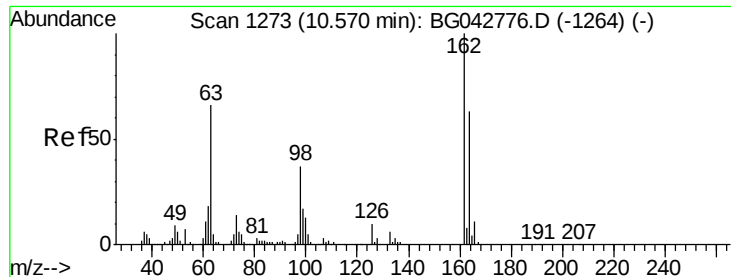
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.487 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	325423		
95	32.9	26.6	40.0	
123	10.1	9.0	13.6	





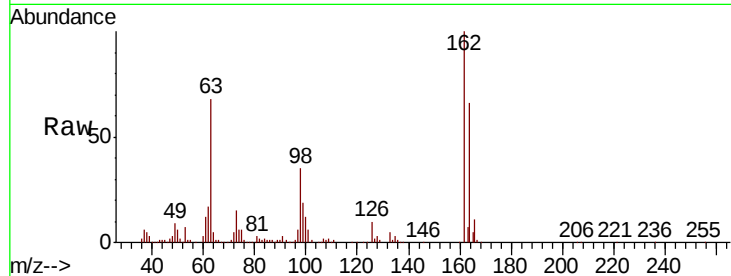
#29
 2,4-Dichlorophenol
 Concen: 49.770 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

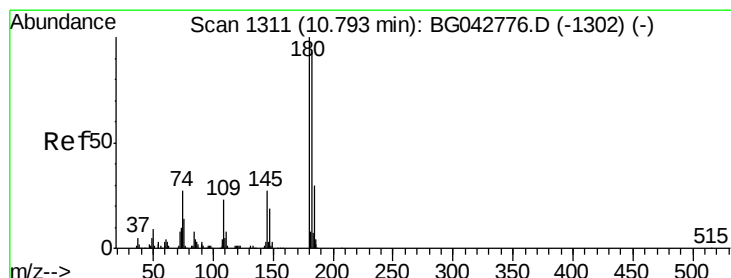
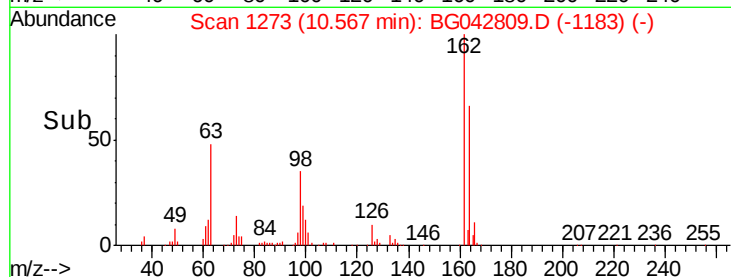
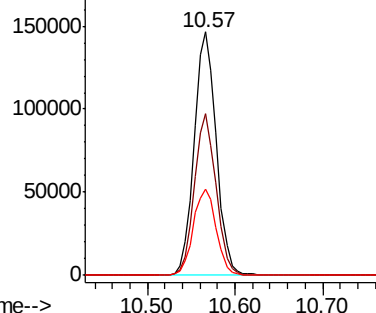
Tot Ion:	162	Resp:	254297
Ion Ratio	Lower	Upper	
162	100		
164	66.2	43.4	83.4
98	35.2	17.0	57.0

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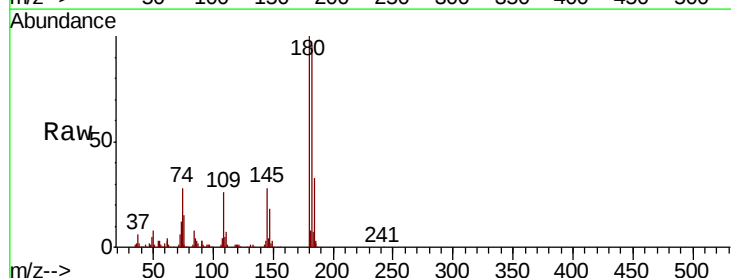


Abundance Ion 162.00 (161.70 to 162.70): E
 200000
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

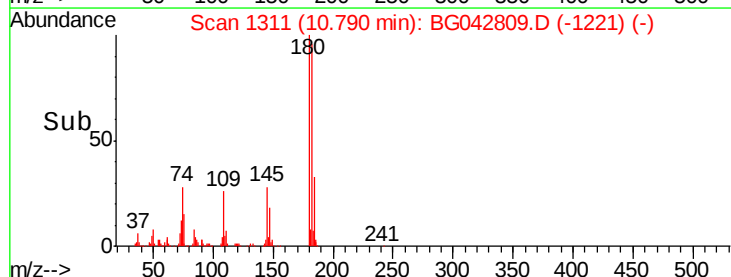
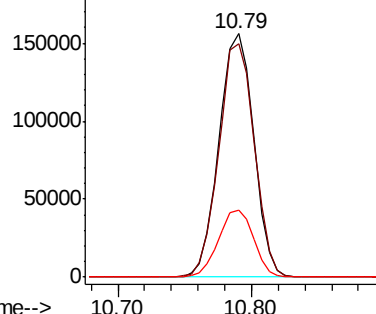


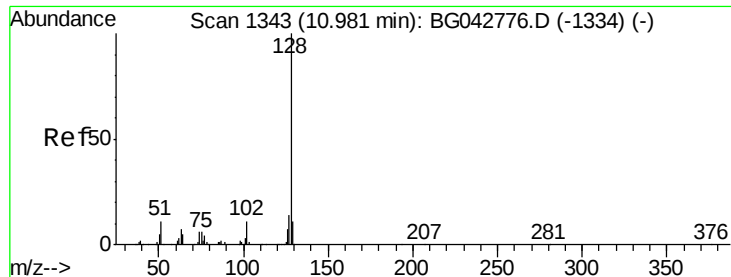
#30
 1,2,4-Trichlorobenzene
 Concen: 44.979 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion:	180	Resp:	280586
Ion Ratio	Lower	Upper	
180	100		
182	95.9	74.6	112.0
145	27.6	21.8	32.6



Abundance Ion 180.00 (179.70 to 180.70): E
 200000
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





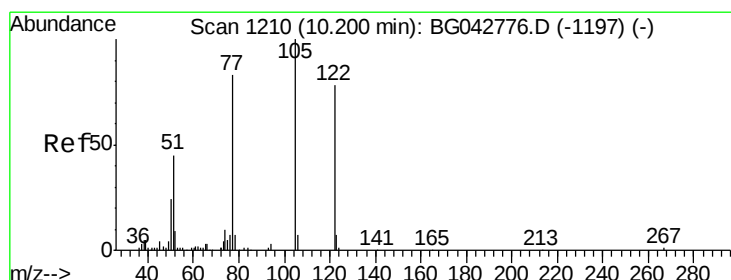
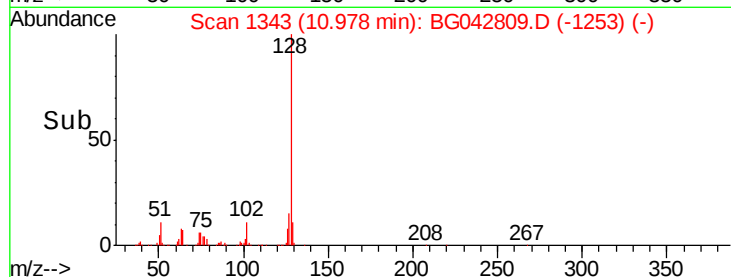
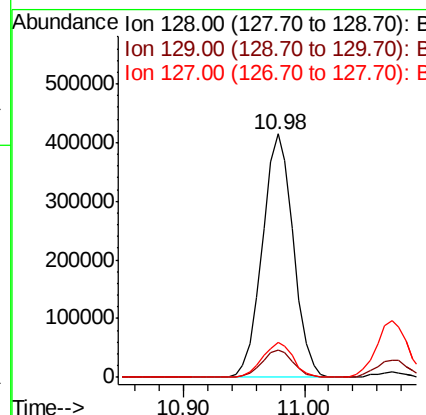
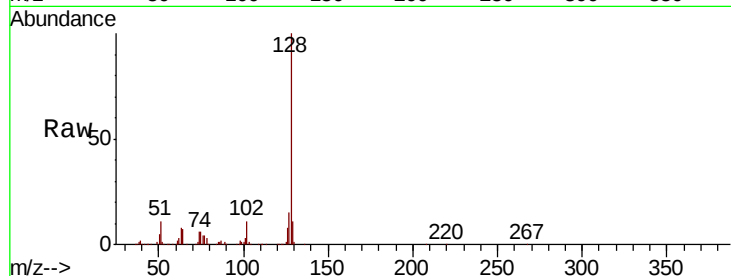
#31
Naphthalene
Concen: 47.679 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	9.0	13.6
127	14.6	11.4	17.2

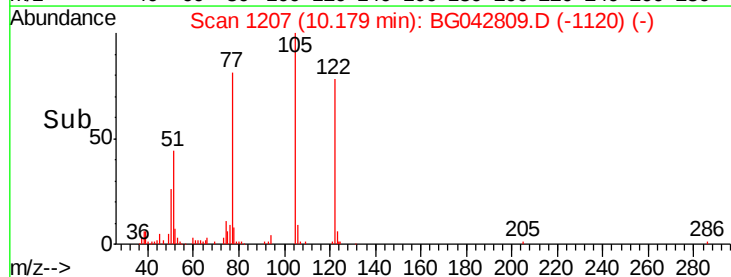
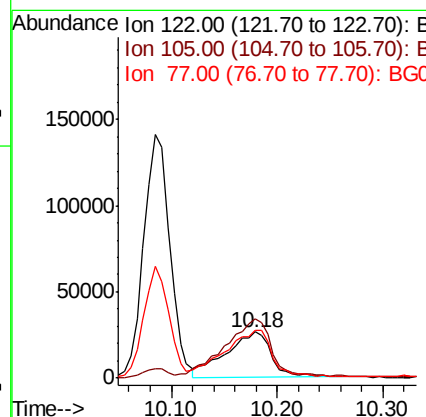
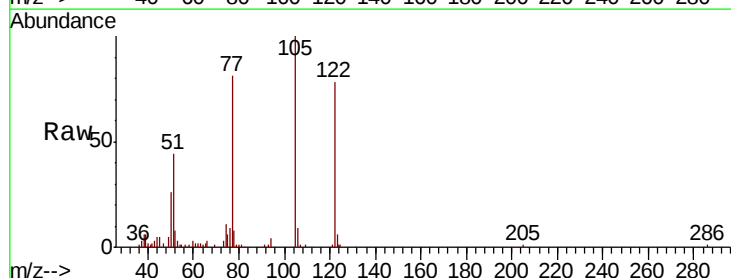
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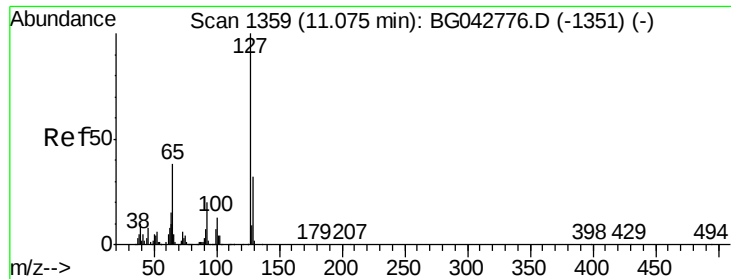
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#32
Benzoic acid
Concen: 25.219 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.8	104.0	144.0
77	103.9	84.2	124.2





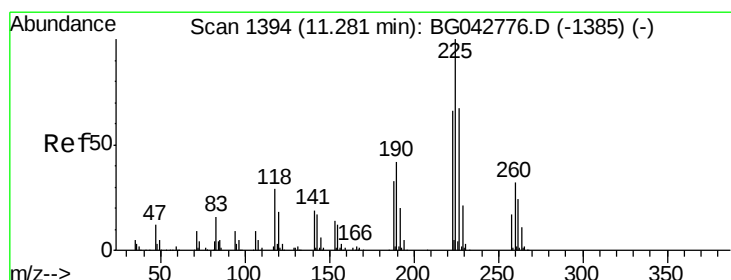
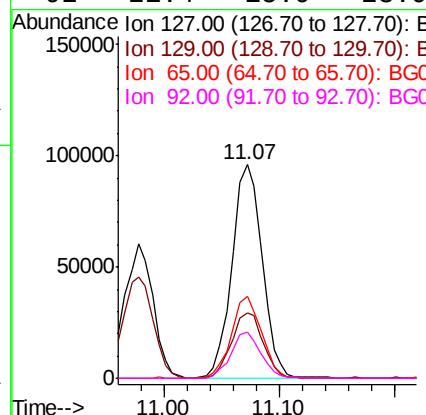
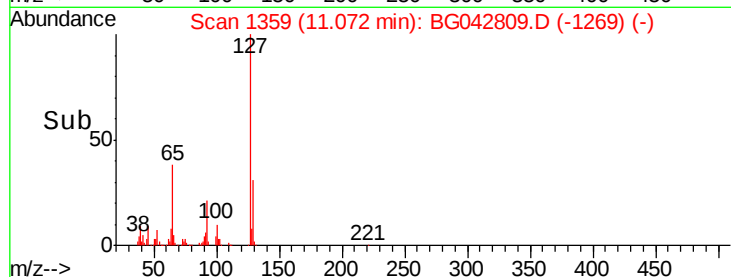
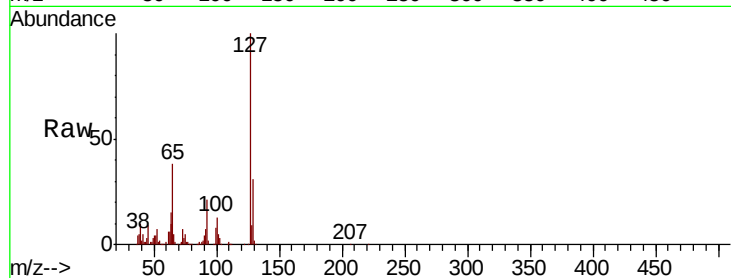
#33
4-Chloroaniline
Concen: 24.176 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampled :
PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	174923		
129	30.8		25.8	38.6
65	38.2		30.5	45.7
92	21.4		15.9	23.9

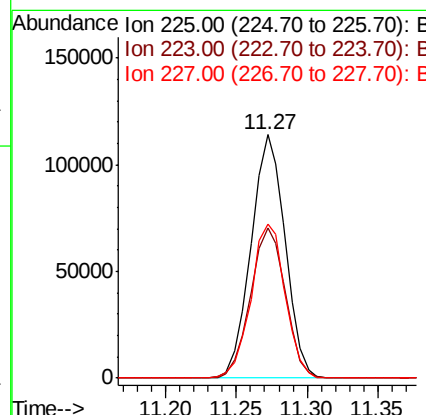
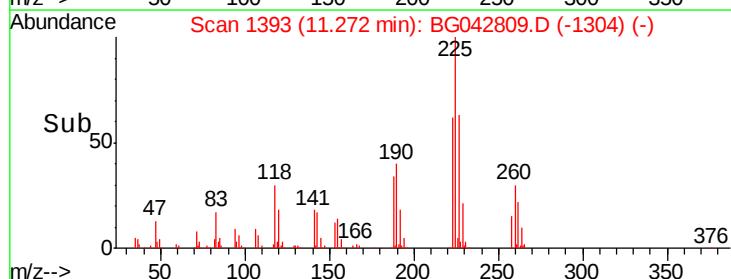
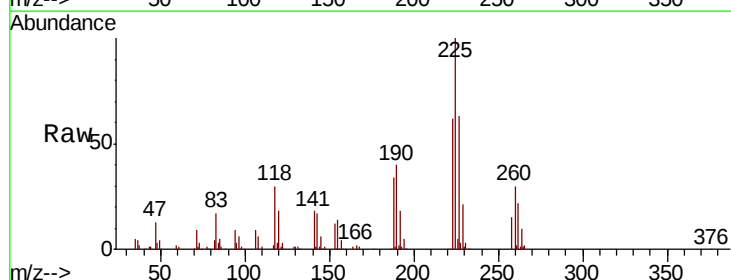
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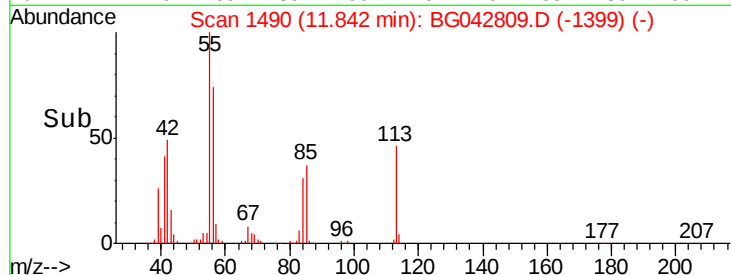
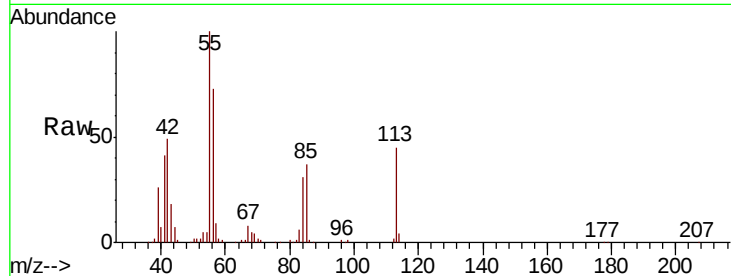
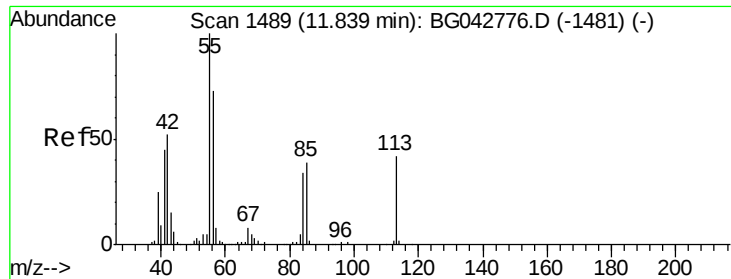
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#34
Hexachlorobutadiene
Concen: 44.109 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	192788		
223	61.7		52.6	79.0
227	63.2		53.6	80.4





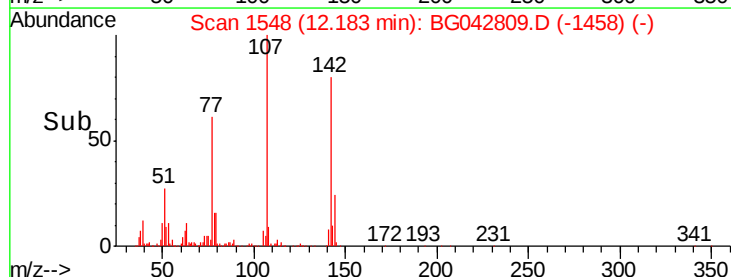
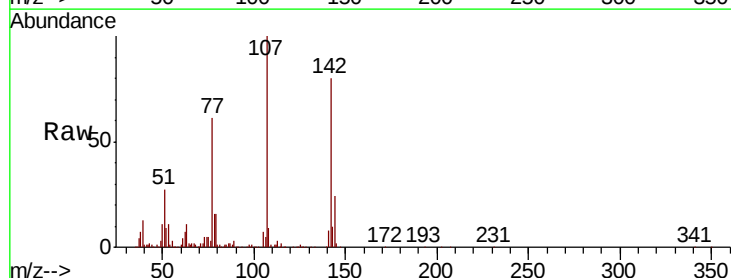
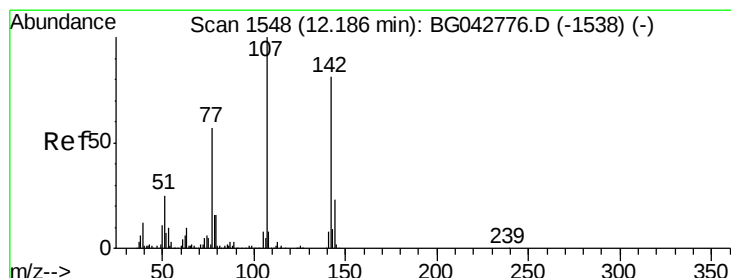
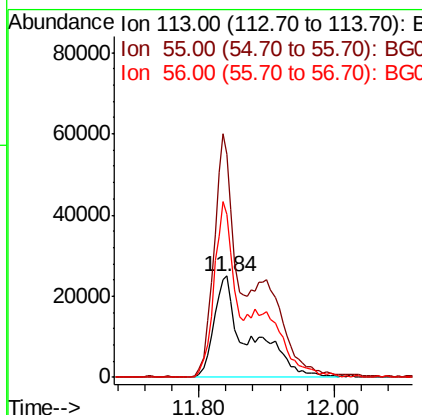
#35
Caprolactam
Concen: 47.259 ng/ml
RT: 11.84 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	220.5		218.4	258.4	
56	162.0		154.8	194.8	

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

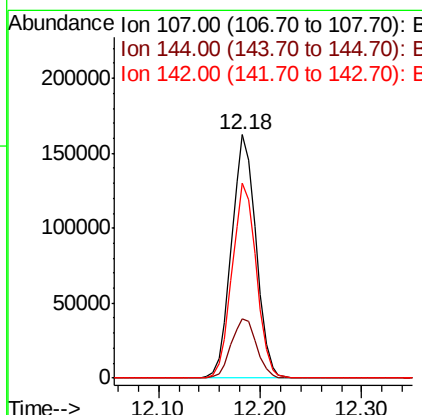
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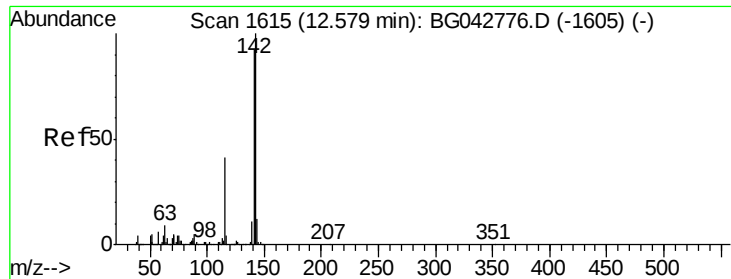
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#36
4-Chloro-3-methylphenol
Concen: 49.042 ng/ml
RT: 12.18 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.2		18.7	28.1	
142	80.2		65.0	97.4	





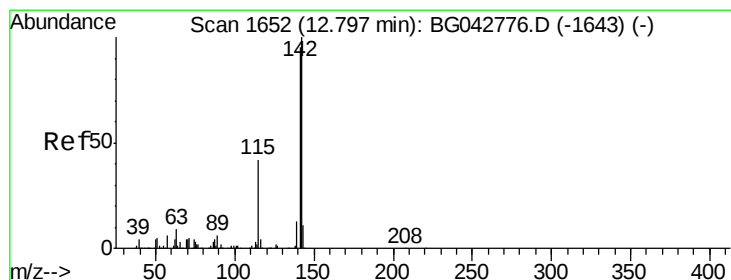
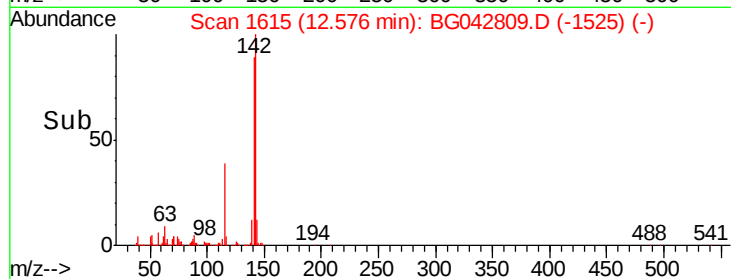
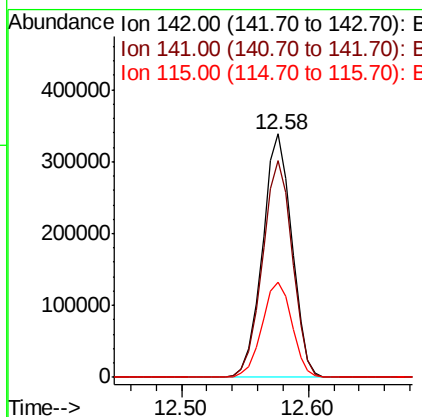
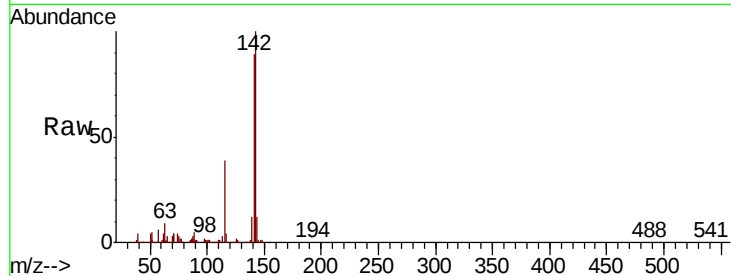
#37
2-Methylnaphthalene
Concen: 47.132 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.8	110.8
115	38.9	33.0	49.4

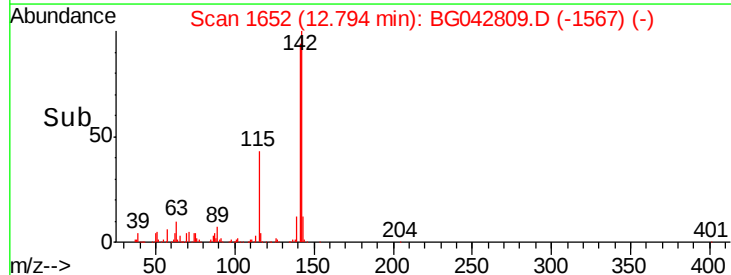
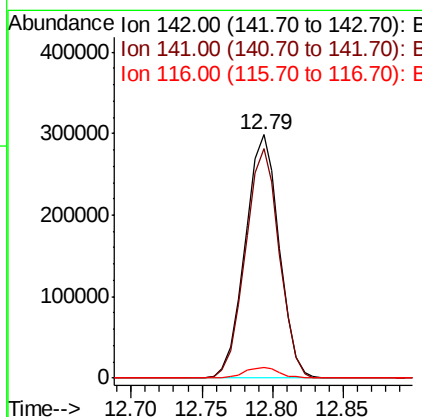
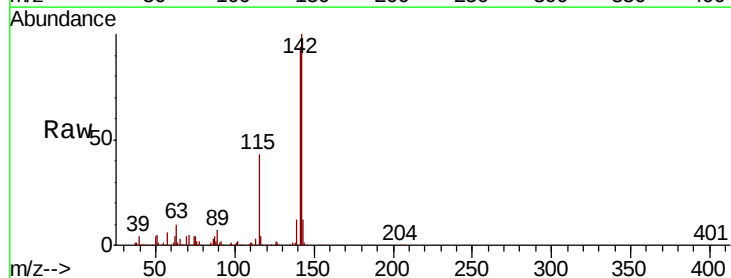
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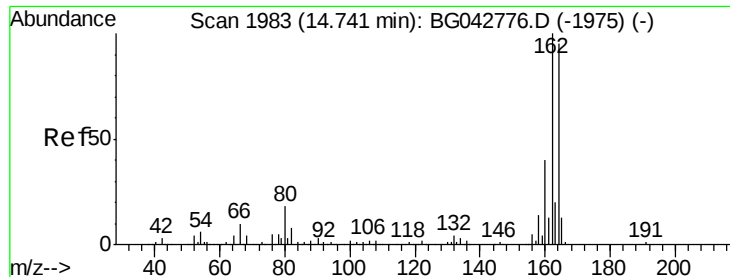
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#38
1-Methylnaphthalene
Concen: 46.271 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.3	114.5
116	4.5	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

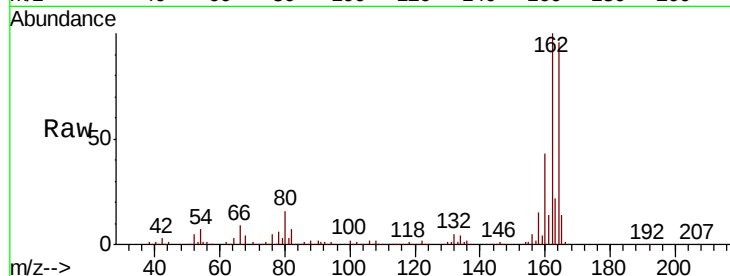
ClientSampleId :

PB122825BSD

Tot Ion:	164	Resp:	212576
Ion Ratio	Lower	Upper	
164	100		
162	104.3	84.6	126.8
160	44.4	34.2	51.2

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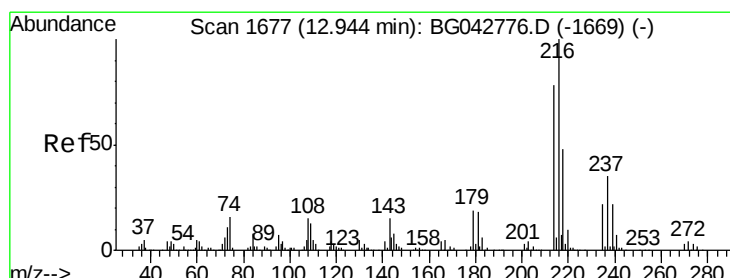
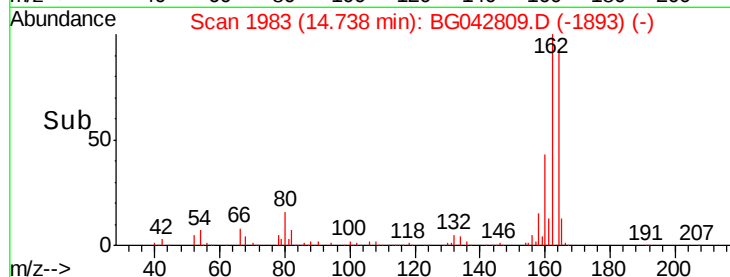
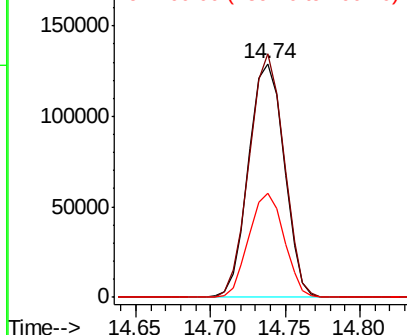


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.034 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	216	Resp:	330388
Ion Ratio	Lower	Upper	
216	100		
214	80.3	62.8	94.2
179	19.9	15.3	22.9
108	18.7	12.9	19.3

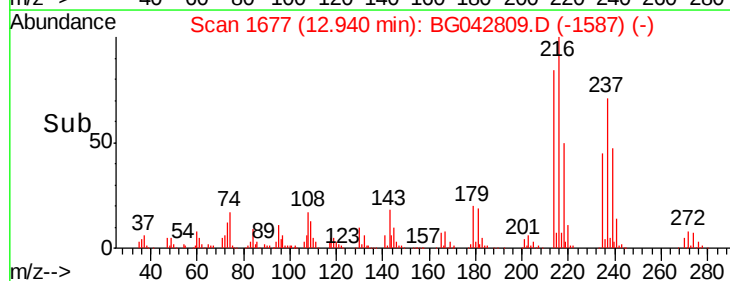
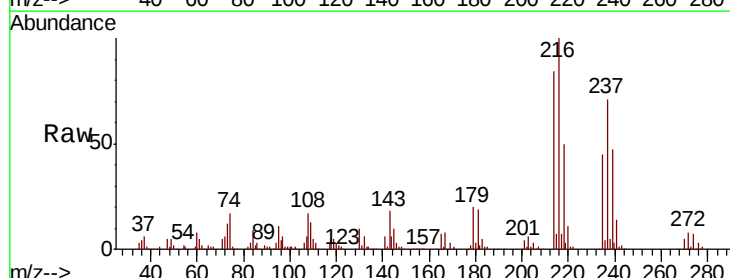
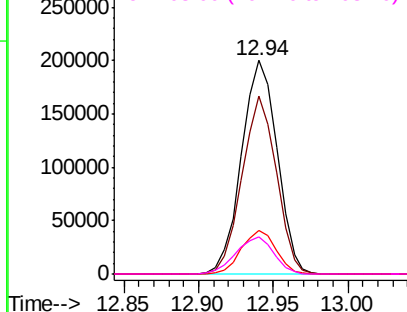
Abundance

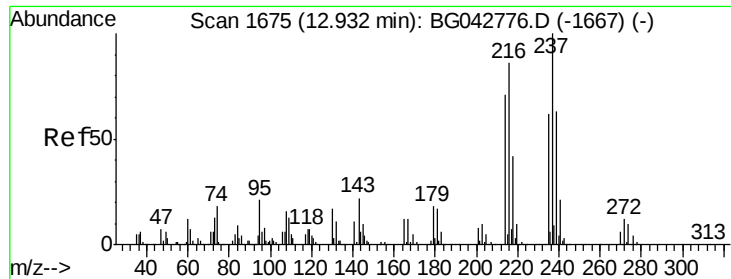
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.693 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

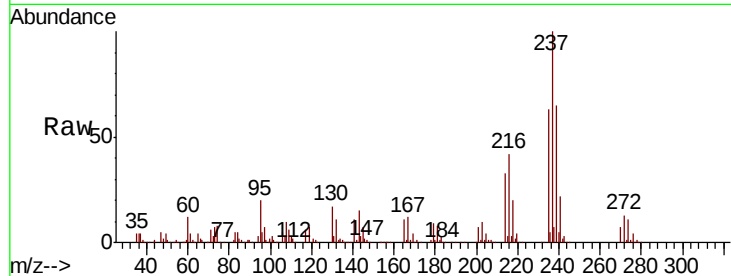
ClientSampleId :

PB122825BSD

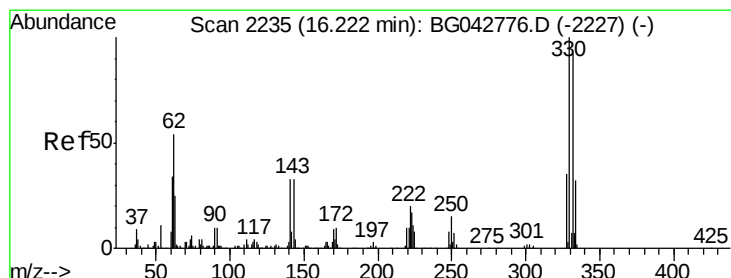
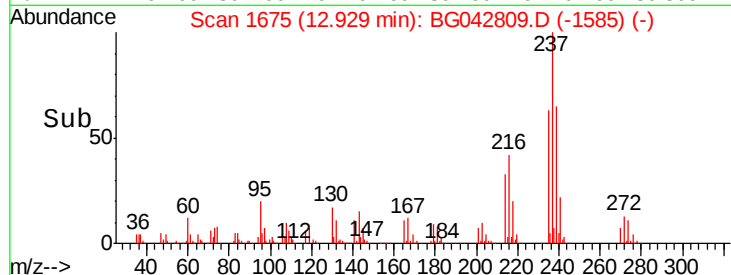
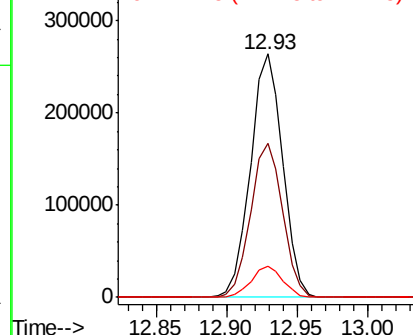
Tot Ion:	237	Resp:	421296
Ion Ratio		Lower	Upper
237	100		
235	63.2	41.9	81.9
272	12.8	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 125.854 ng

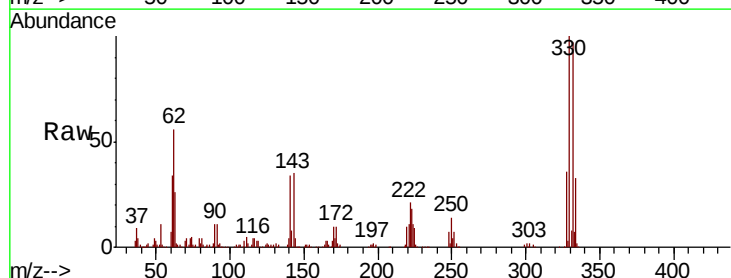
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

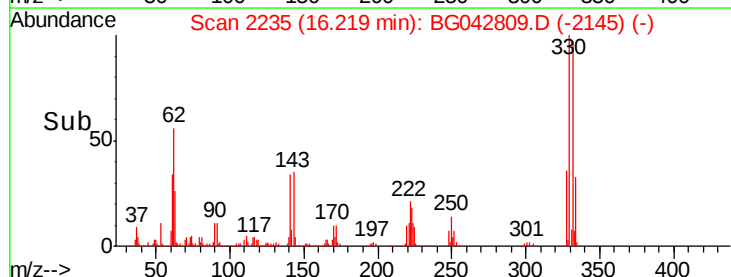
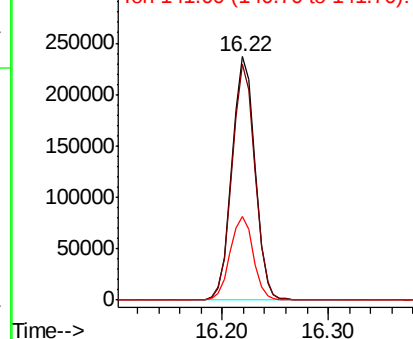
Lab File: BG042809.D

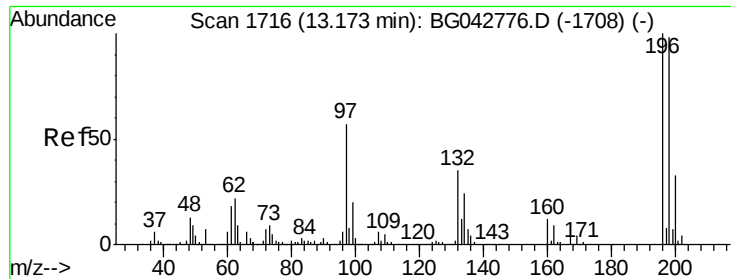
Acq: 13 Sep 2019 9:39

Tgt Ion:	330	Resp:	355934
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.7	115.1
141	34.5	27.0	40.6



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





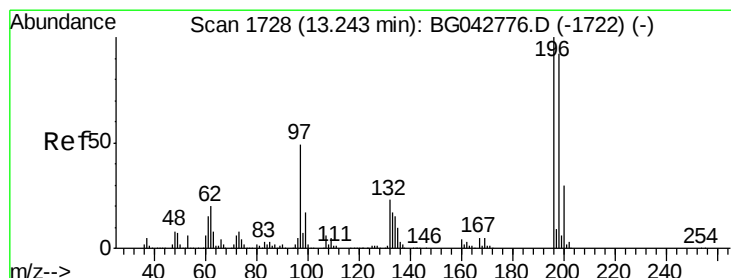
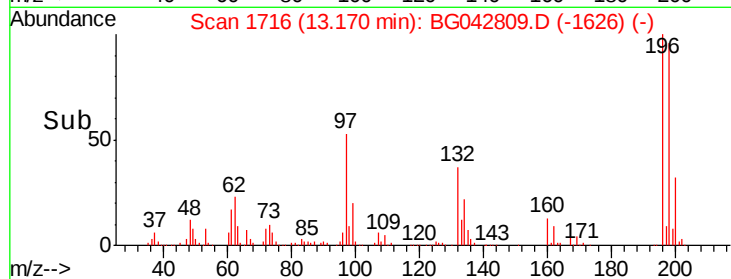
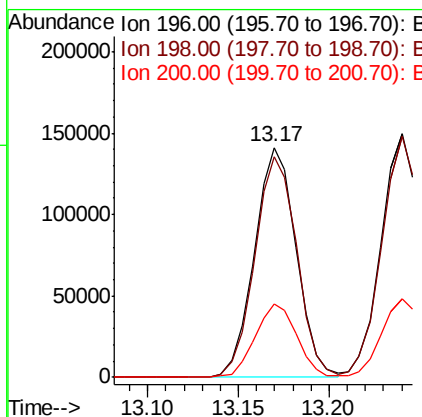
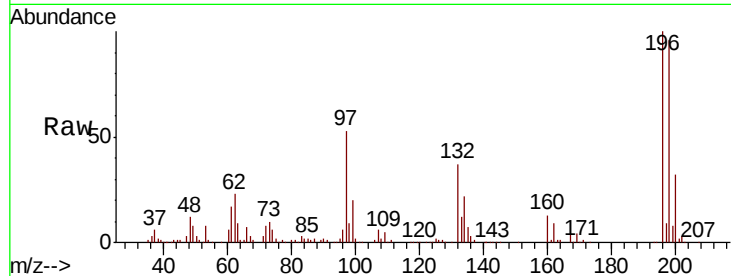
#43
 2,4,6-Trichlorophenol
 Concen: 48.216 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225484		
198	96.2	78.8	118.2	
200	31.9	26.2	39.4	

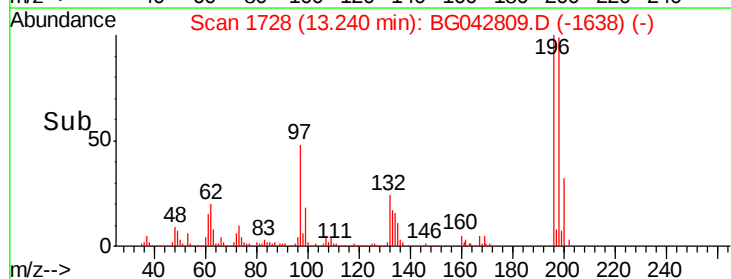
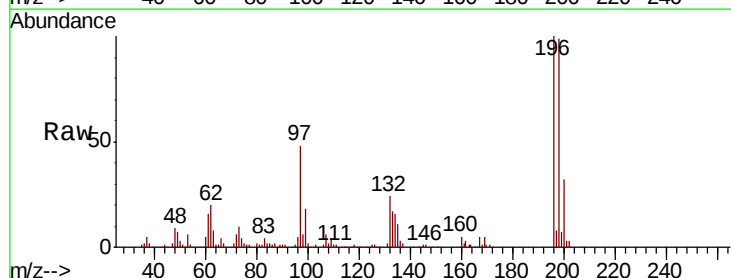
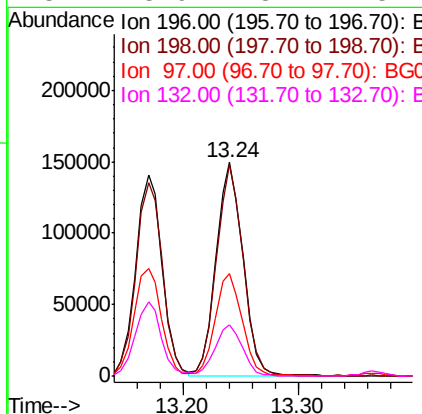
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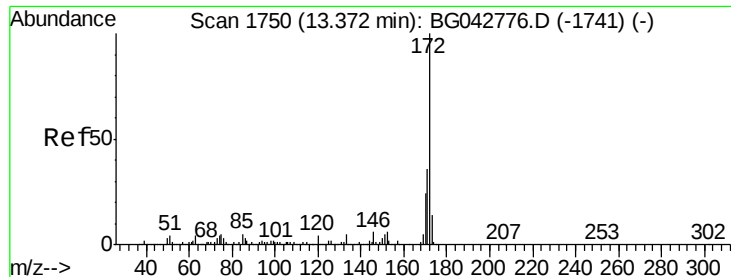
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.182 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240379		
198	99.2	73.4	110.0	
97	48.0	39.2	58.8	
132	23.9	18.7	28.1	





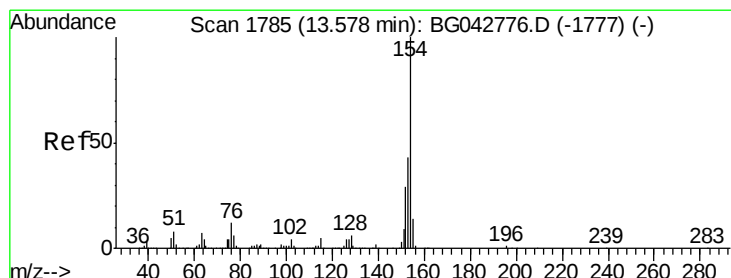
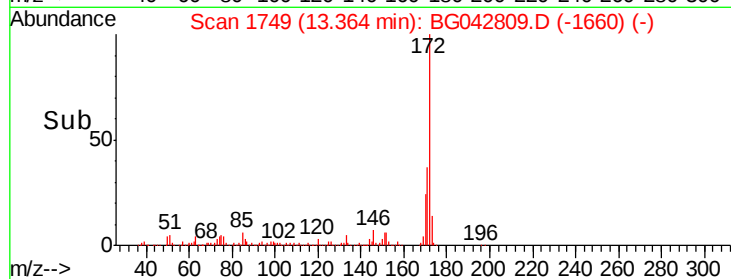
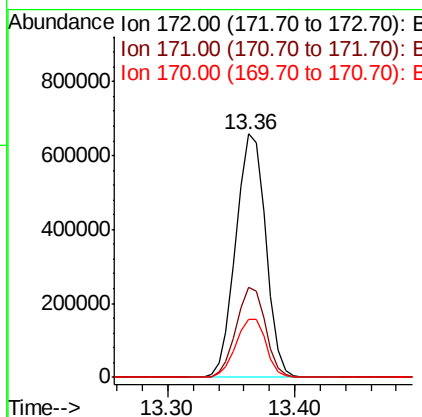
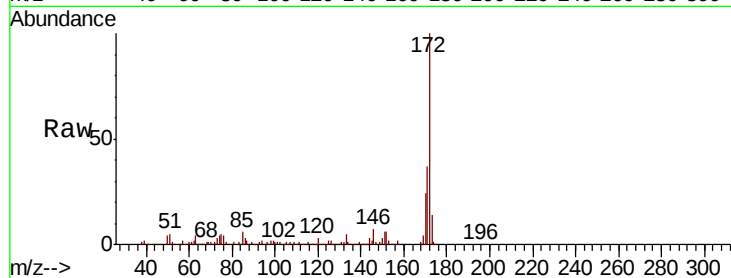
#45
 2-Fluorobiphenyl
 Concen: 80.138 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.0	19.1	28.7

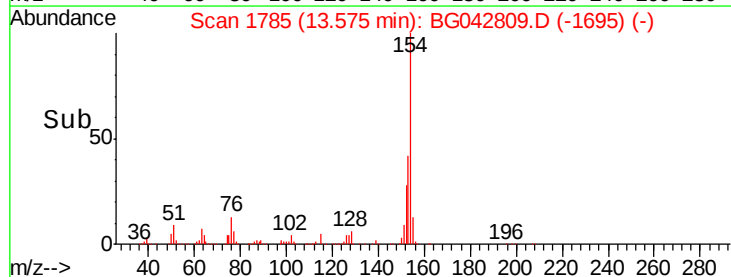
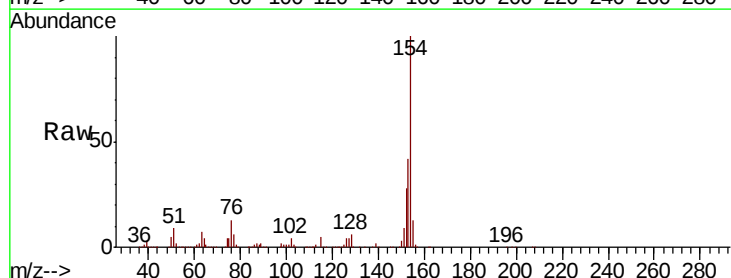
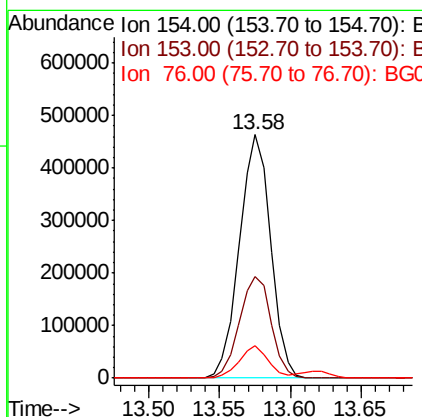
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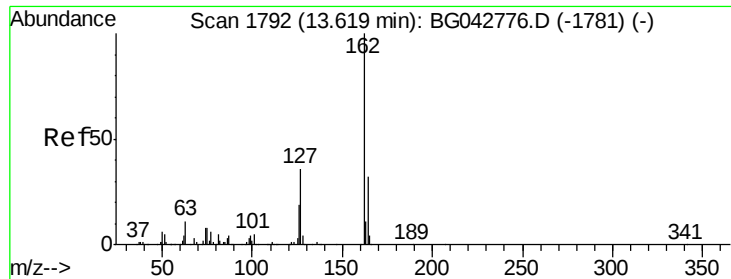
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#46
 1,1'-Biphenyl
 Concen: 48.108 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.6	62.6
76	13.1	0.0	32.2





#47

2-Chloronaphthalene

Concen: 45.098 ng

RT: 13.62 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

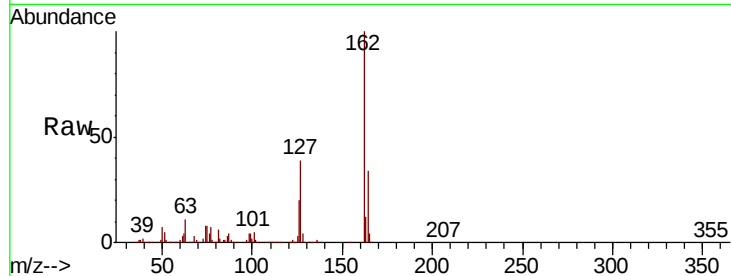
ClientSampleId :

PB122825BSD

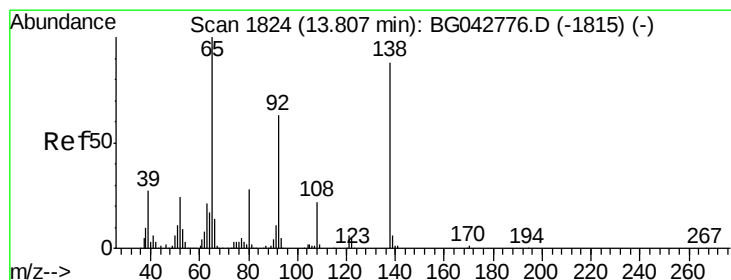
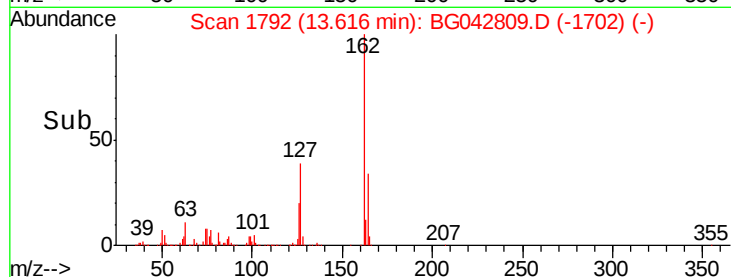
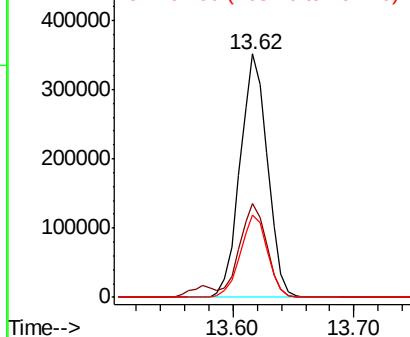
Tot Ion:	162	Resp:	555177
Ion Ratio		Lower	Upper
162	100		
127	38.6	29.3	43.9
164	33.7	26.0	39.0

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.115 ng

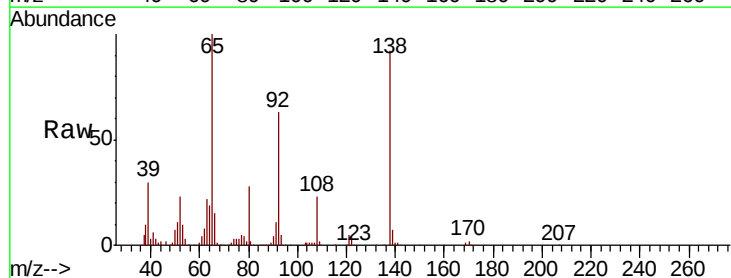
RT: 13.80 min Scan# 1824

Delta R.T. -0.00 min

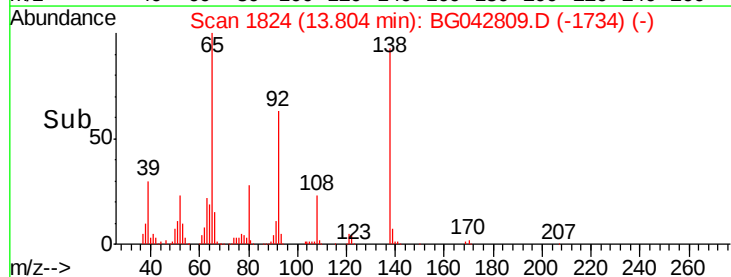
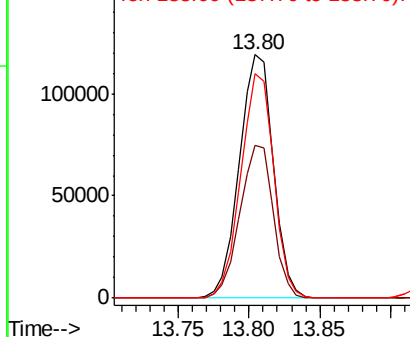
Lab File: BG042809.D

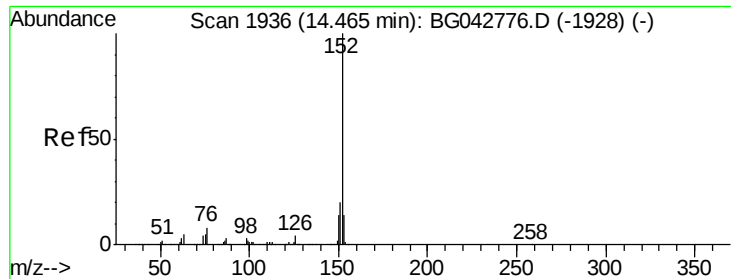
Acq: 13 Sep 2019 9:39

Tgt Ion:	65	Resp:	201204
Ion Ratio		Lower	Upper
65	100		
92	62.7	50.4	75.6
138	92.4	70.6	106.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





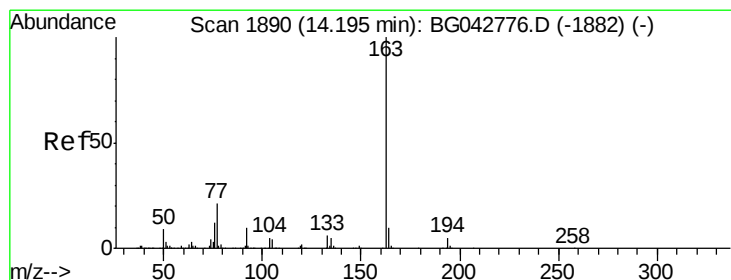
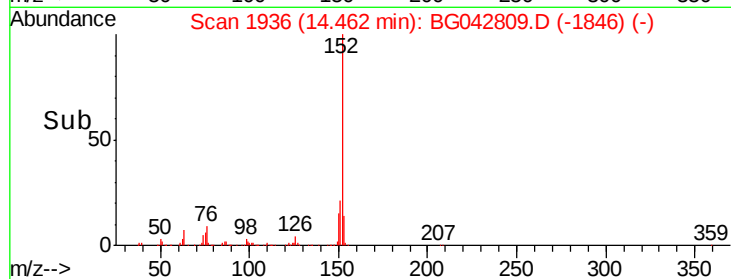
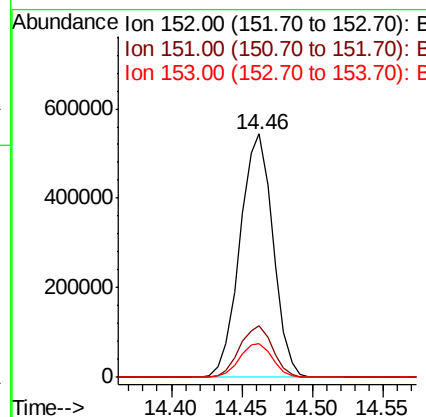
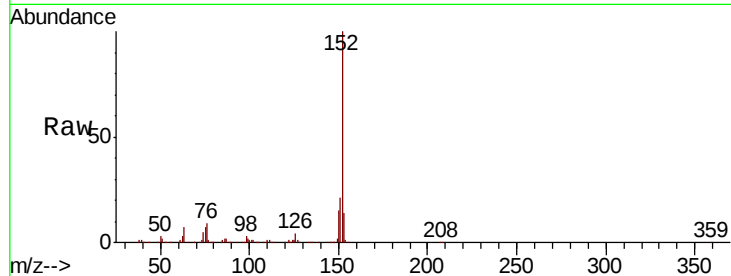
#49
Acenaphthylene
Concen: 47.306 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.0	24.0
153	14.1	11.4	17.0

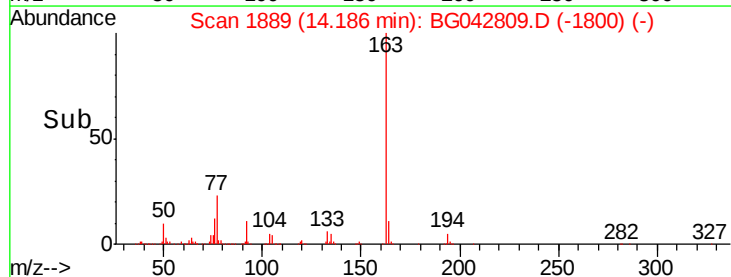
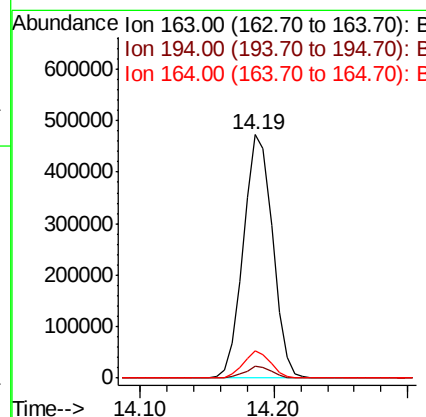
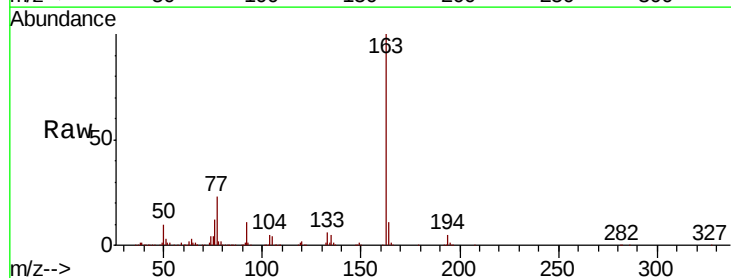
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#50
Dimethylphthalate
Concen: 44.725 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.4
164	11.1	8.4	12.6





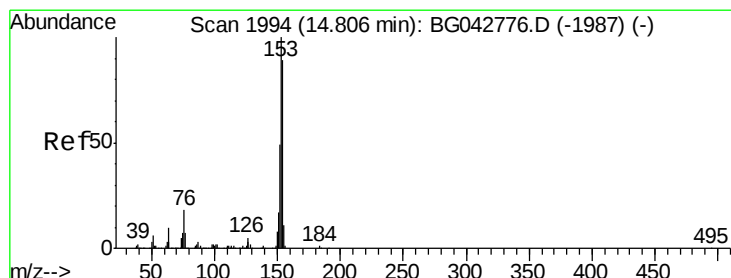
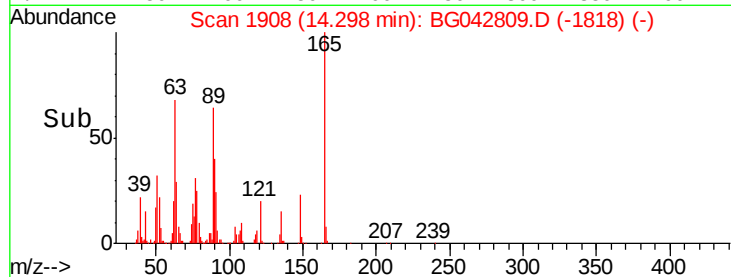
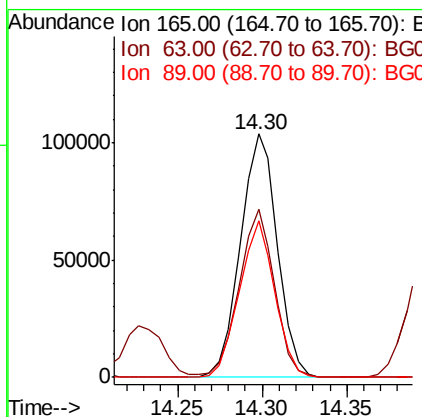
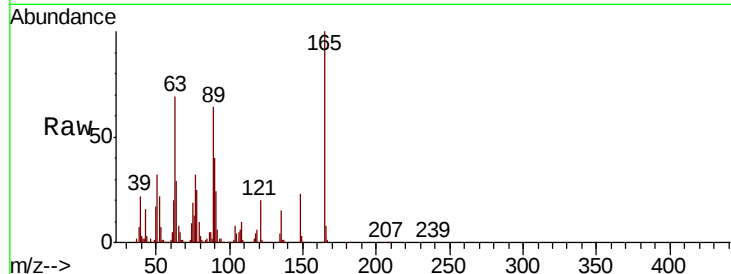
#51
 2,6-Dinitrotoluene
 Concen: 48.038 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampled :
 PB122825BSD

Tot Ion:	165	Resp:	156967
Ion Ratio	Lower	Upper	
165	100		
63	68.8	52.1	78.1
89	64.2	51.7	77.5

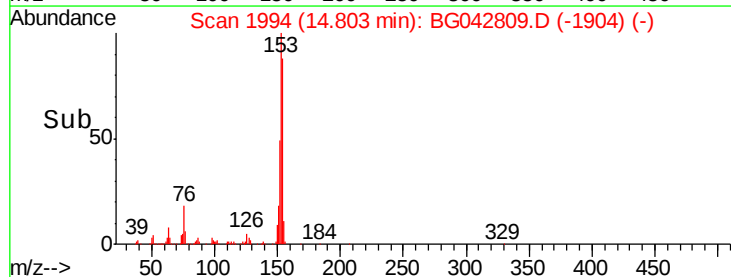
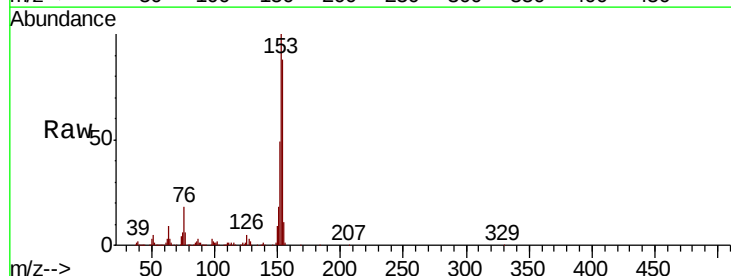
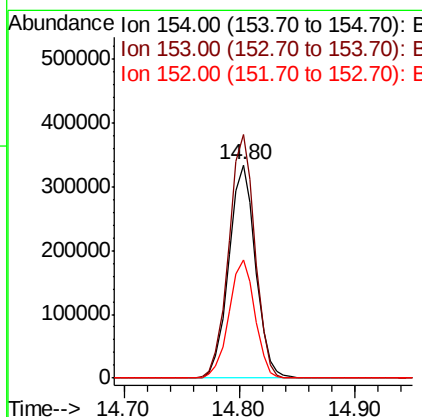
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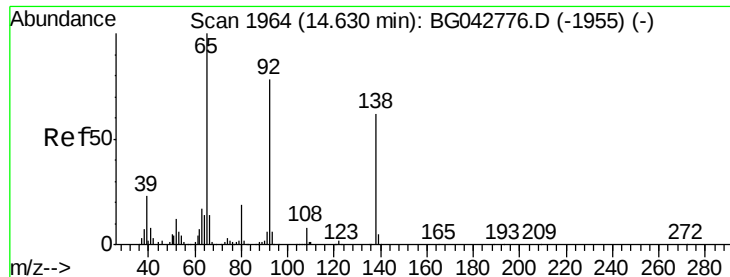
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#52
 Acenaphthene
 Concen: 43.523 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion:	154	Resp:	534909
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.4	134.2
152	55.7	43.5	65.3





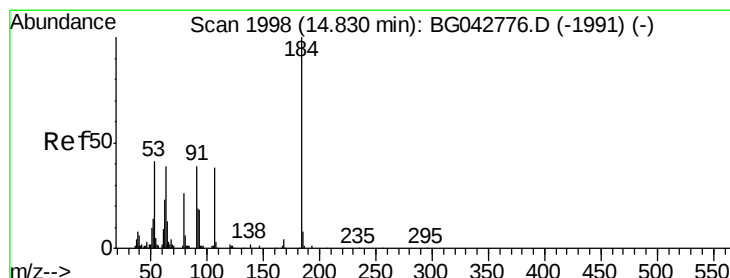
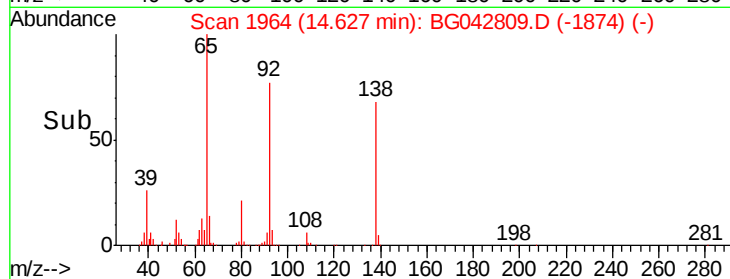
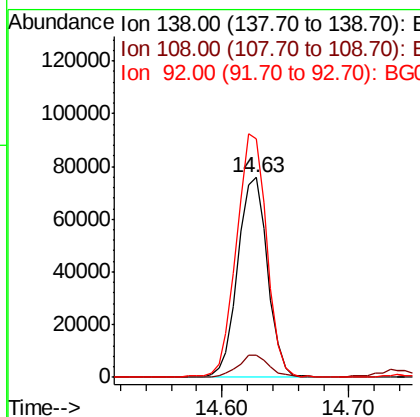
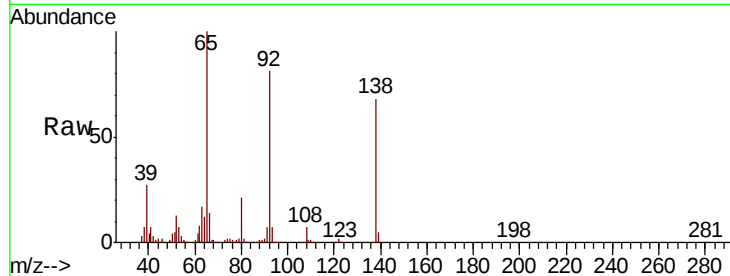
#53
3-Nitroaniline
Concen: 33.623 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	10.7	16.1
92	119.5	100.5	150.7

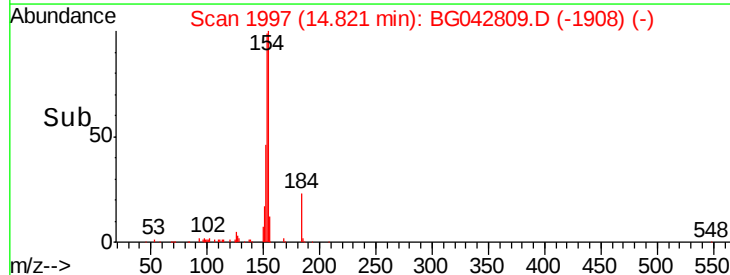
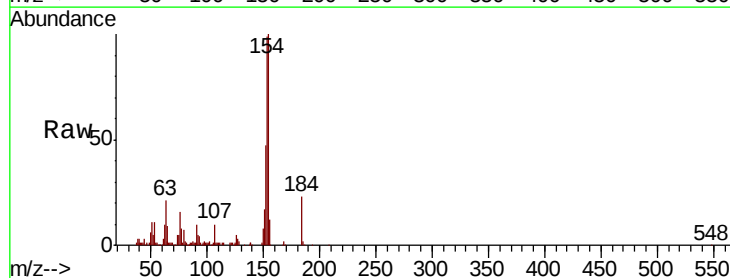
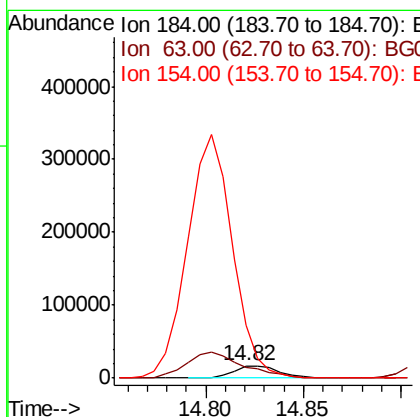
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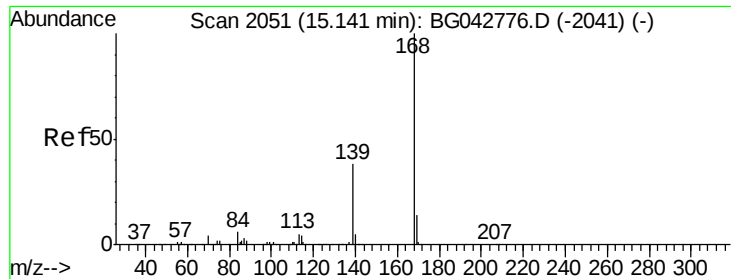
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#54
2,4-Dinitrophenol
Concen: 17.229 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.7	46.2	69.4#
154	427.6	81.3	121.9#





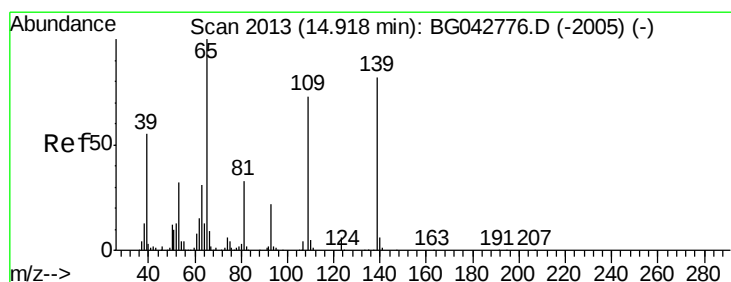
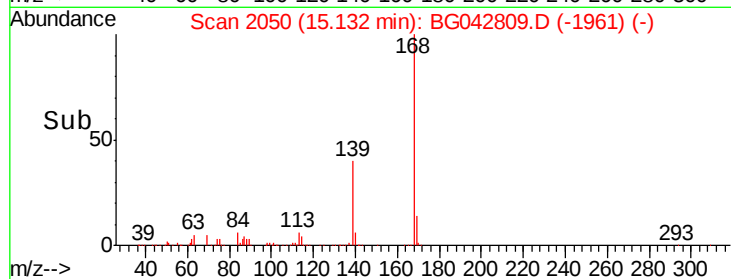
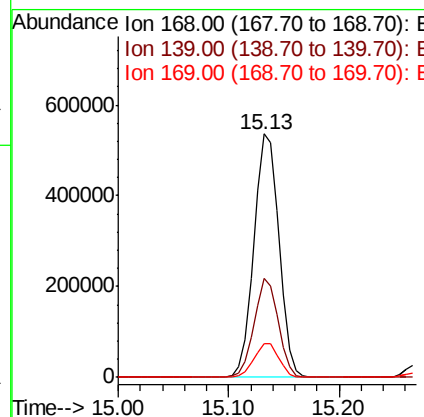
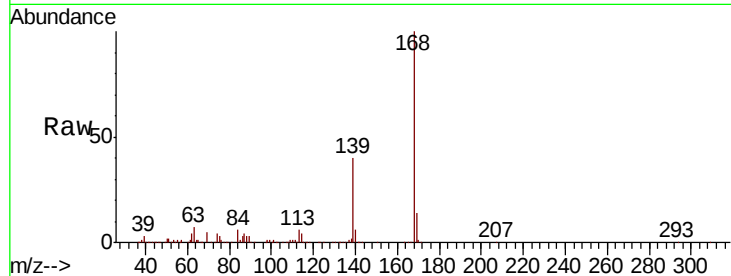
#55
Dibenzenofuran
Concen: 46.852 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.2	45.4
169	13.8	11.2	16.8

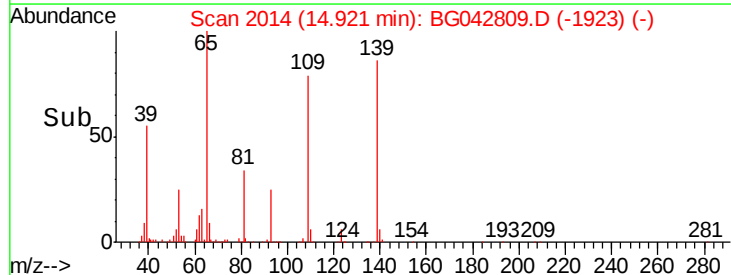
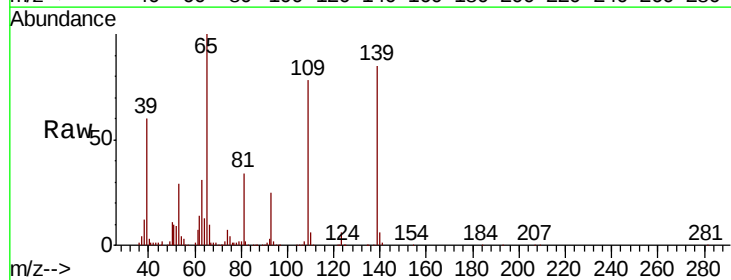
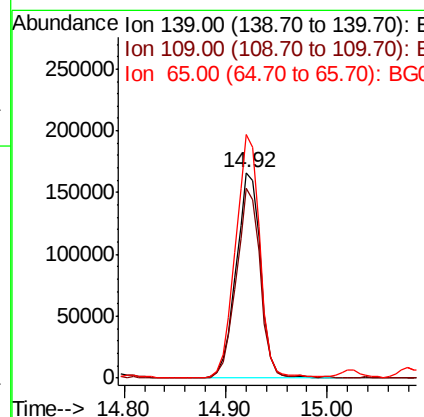
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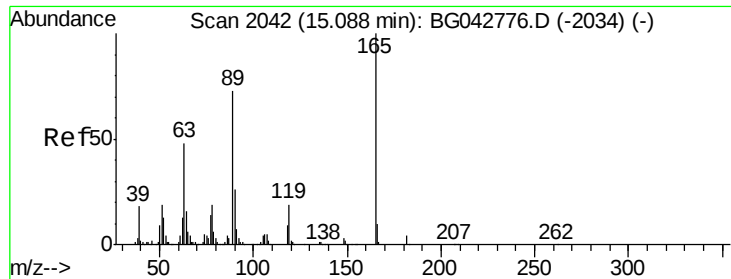
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#56
4-Nitrophenol
Concen: 97.764 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.1	69.4	109.4
65	118.3	102.5	142.5





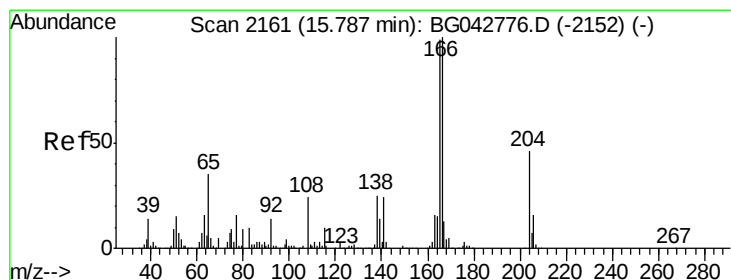
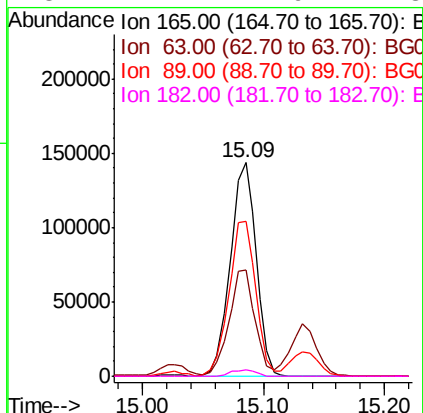
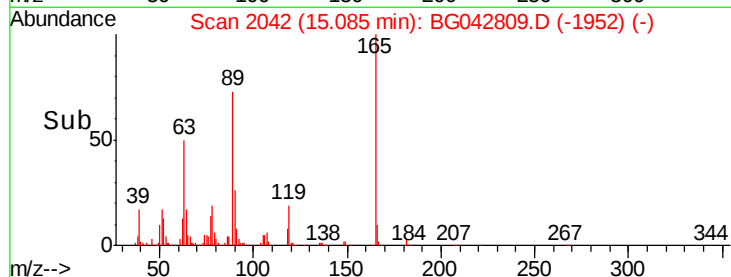
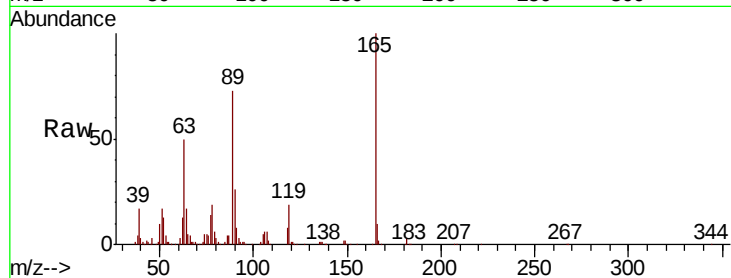
#57
2,4-Dinitrotoluene
Concen: 49.293 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.9	38.3	57.5
89	72.7	58.4	87.6
182	2.7	2.9	4.3

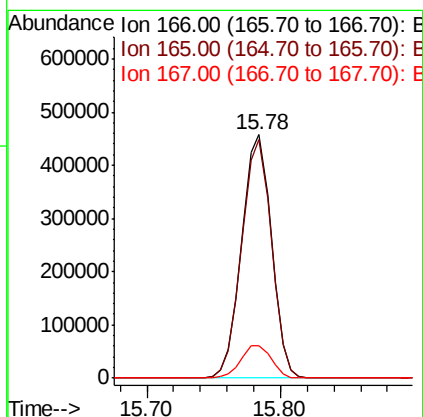
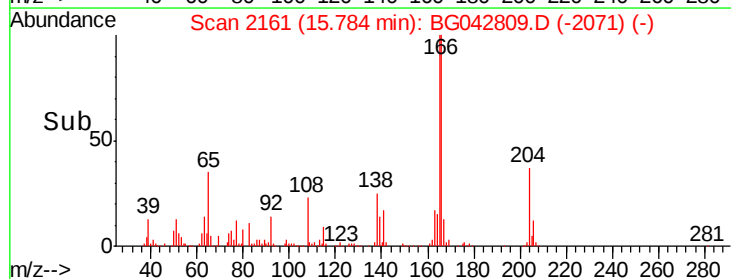
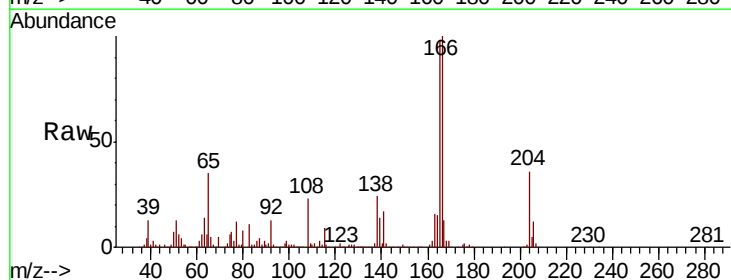
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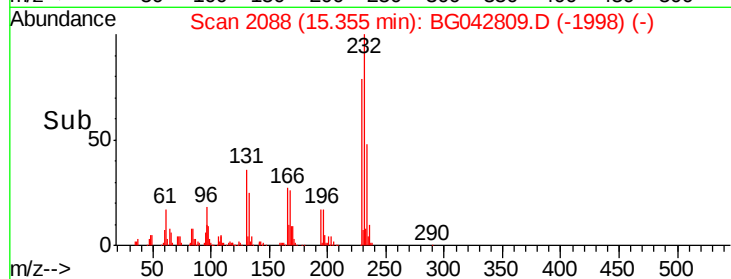
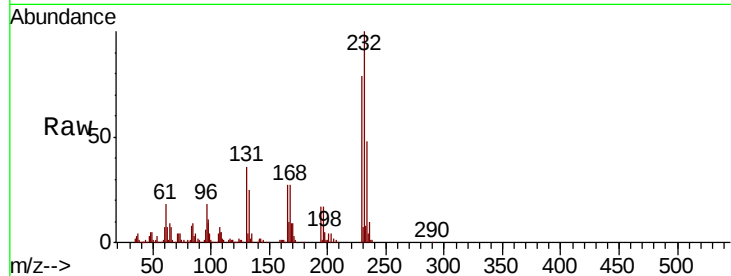
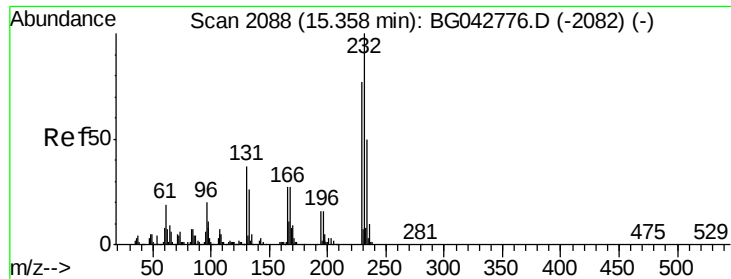
mohammad
9/16/2019 9:03:46 AM



#58
Fluorene
Concen: 46.508 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.1	79.1	118.7
167	13.5	10.7	16.1





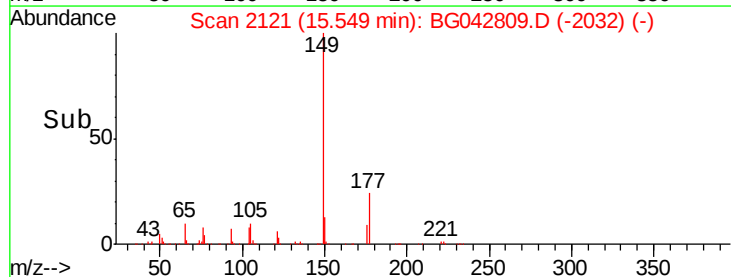
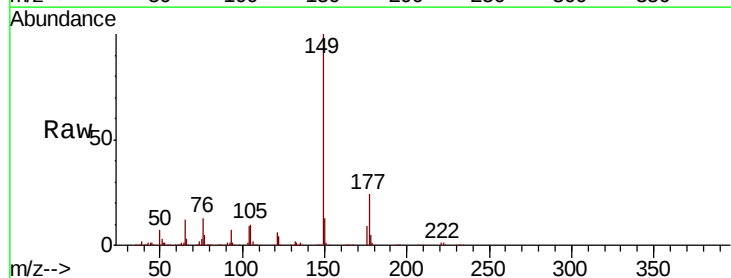
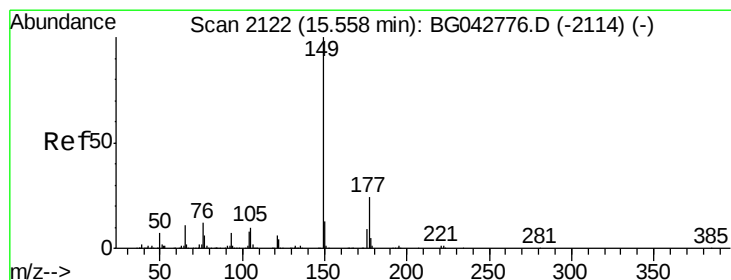
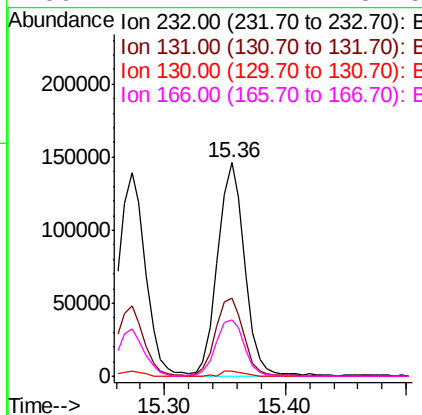
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.448 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.7	31.1	46.7
130	2.0	1.8	2.6
166	27.4	21.7	32.5

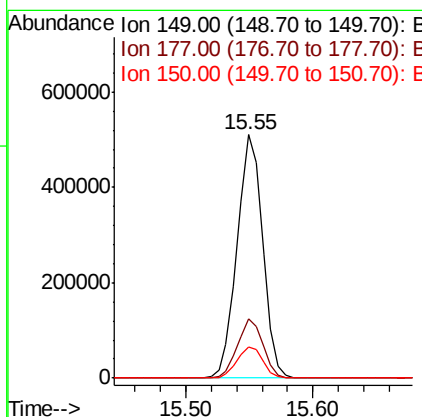
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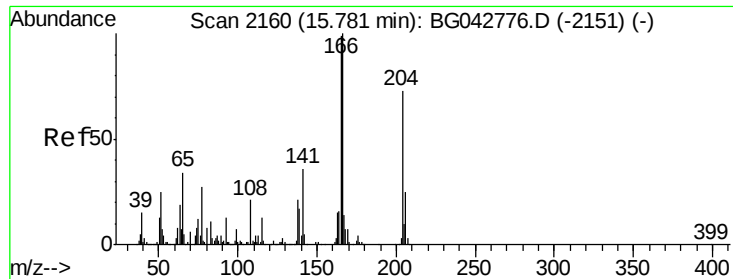
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#60
Diethylphthalate
Concen: 43.824 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.4	29.0
150	12.9	10.2	15.4





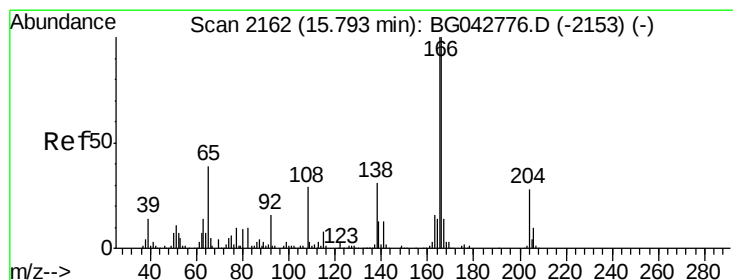
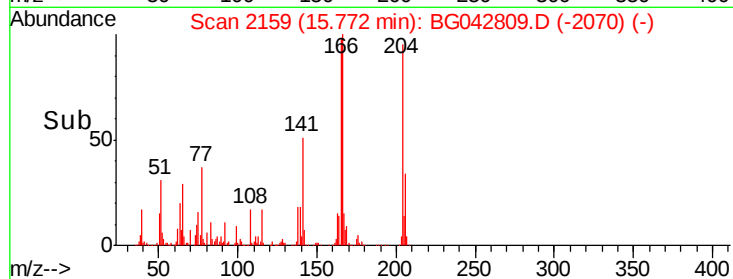
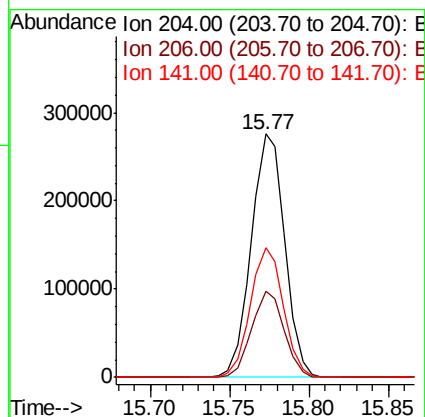
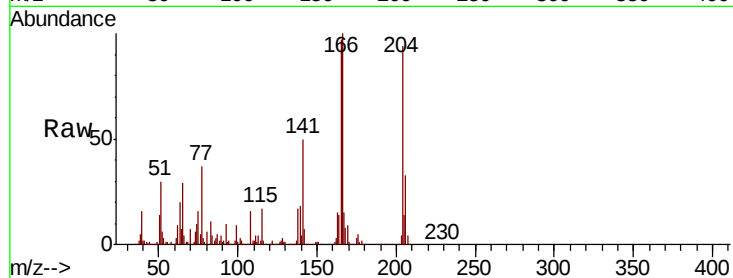
#61
4-Chlorophenyl-phenylether
Concen: 45.153 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.2	27.6	41.4	
141	53.4	39.8	59.6	

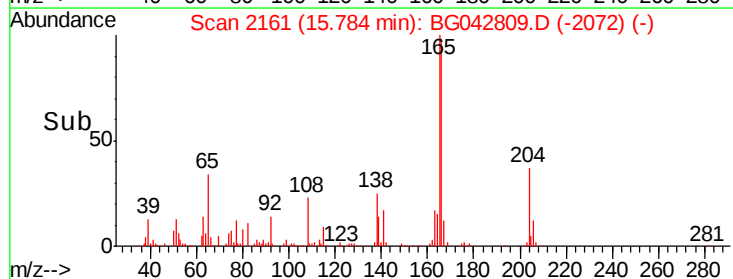
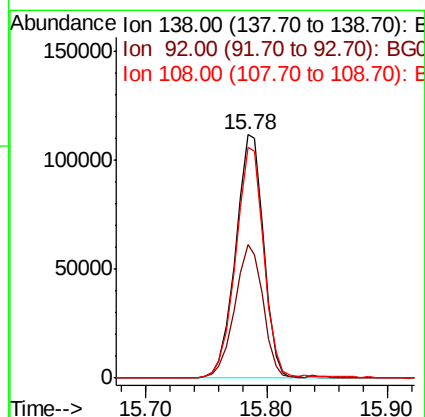
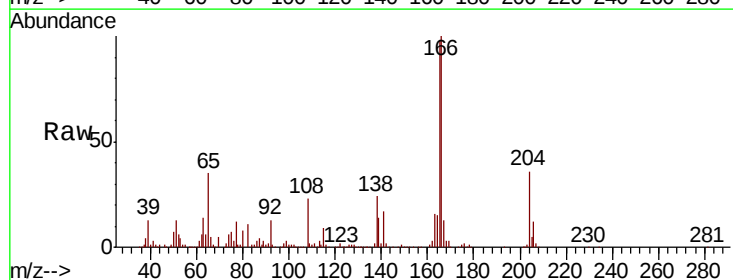
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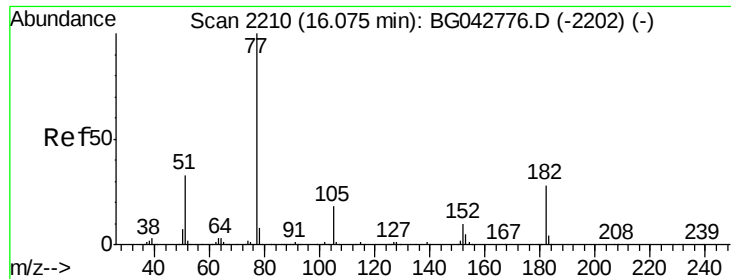
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#62
4-Nitroaniline
Concen: 45.626 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	55.1	31.4	71.4	
108	94.7	74.8	114.8	





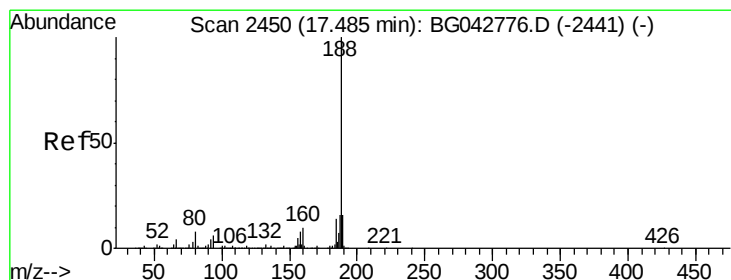
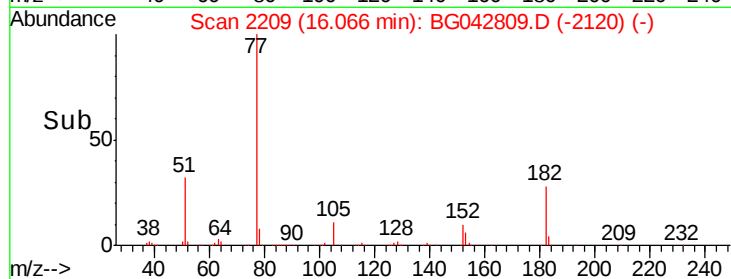
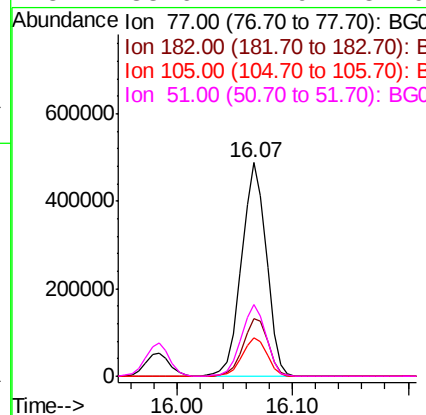
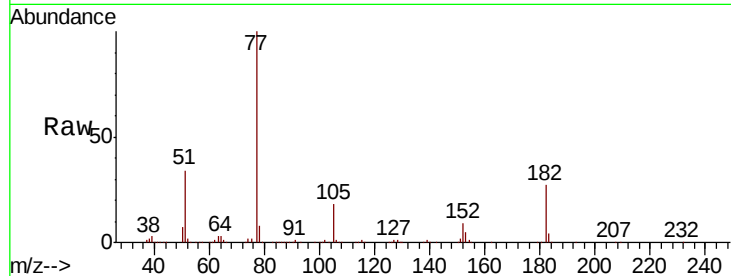
#63
Azobenzene
Concen: 46.577 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.1	48.1
105	18.3	0.0	38.1
51	33.6	12.9	52.9

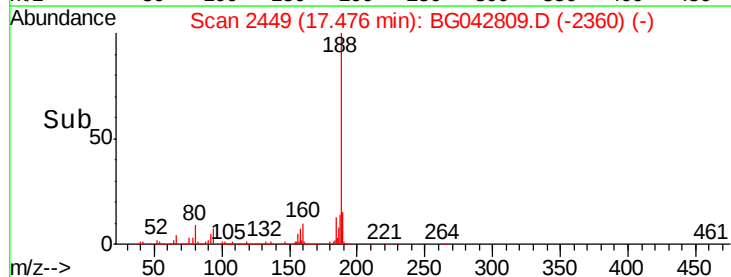
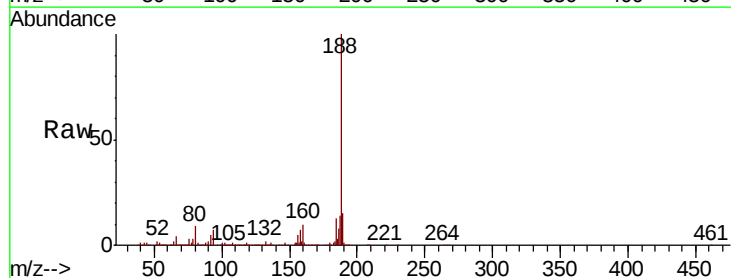
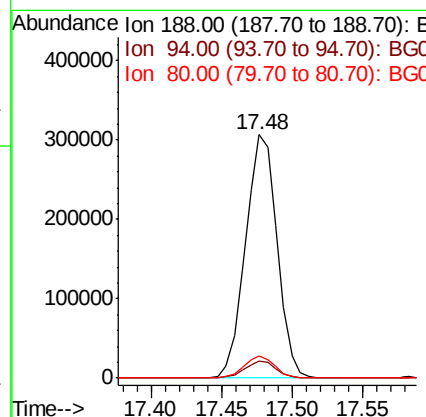
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	4.8	7.2#
80	9.1	6.6	9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 18.805 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

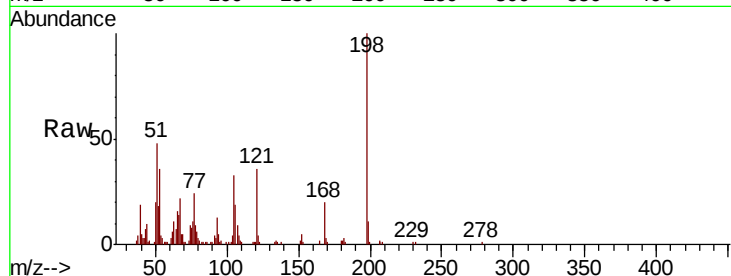
ClientSampleId :

PB122825BSD

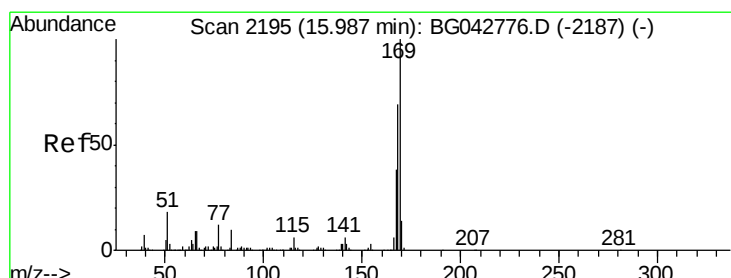
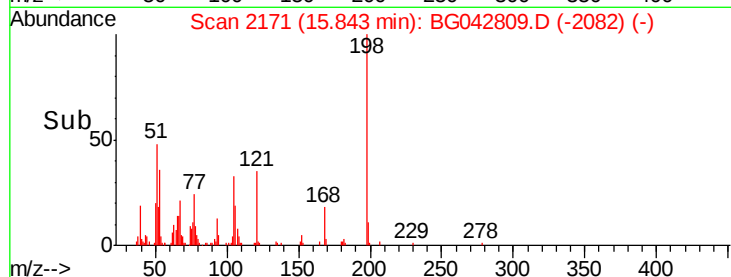
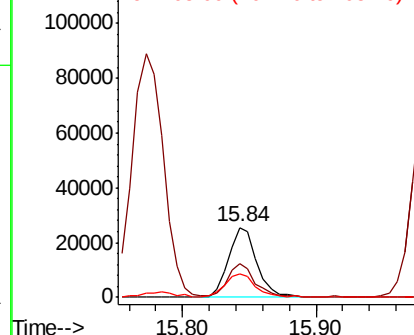
Tot Ion:	198	Resp:	38615
Ion Ratio	Lower	Upper	
198	100		
51	48.4	20.9	60.9
105	33.5	16.4	56.4

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.210 ng

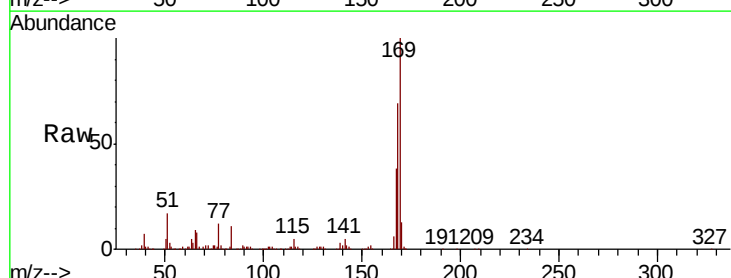
RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

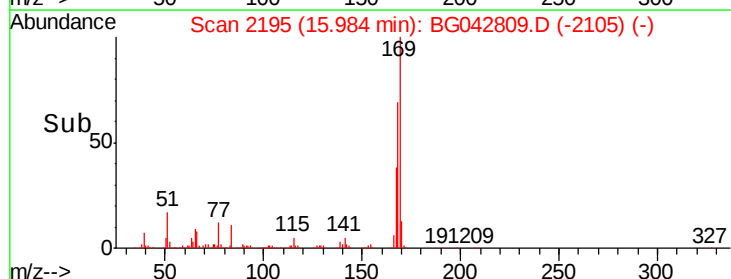
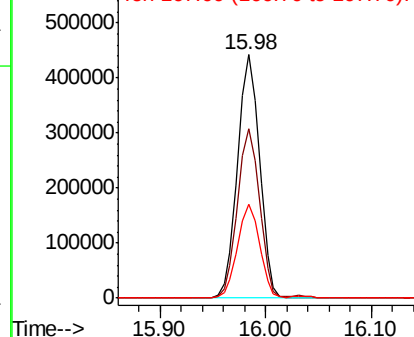
Lab File: BG042809.D

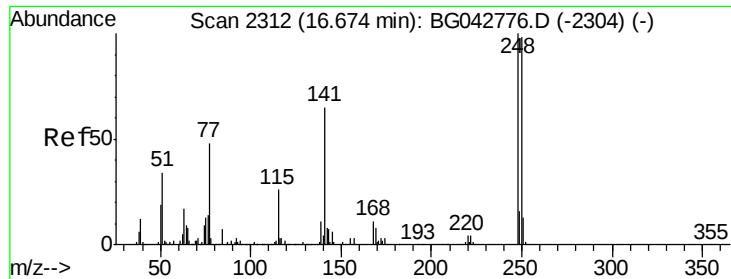
Acq: 13 Sep 2019 9:39

Tgt Ion:	169	Resp:	635484
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.4	83.2
167	38.3	30.4	45.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





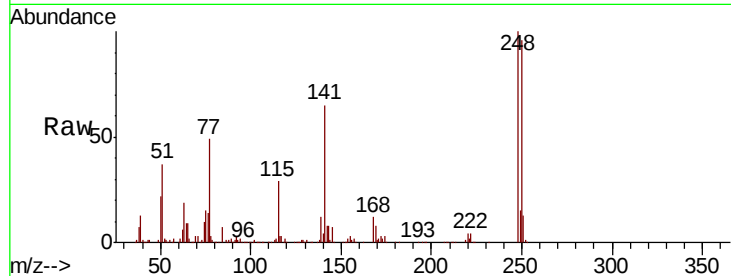
#67
4-Bromophenyl-phenylether
Concen: 45.695 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleID :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.0	117.0
141	65.1	51.8	77.6

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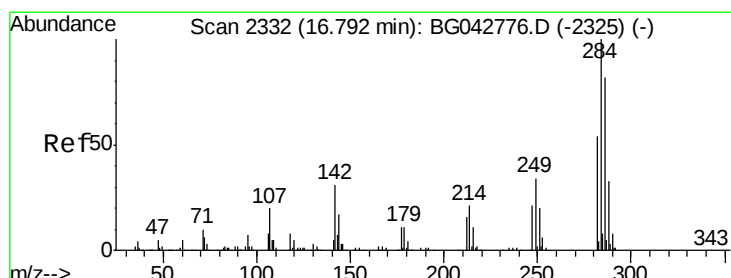
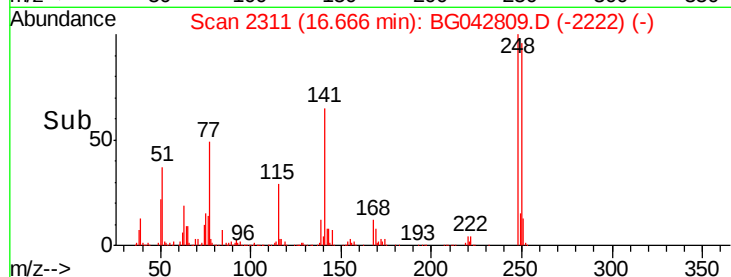
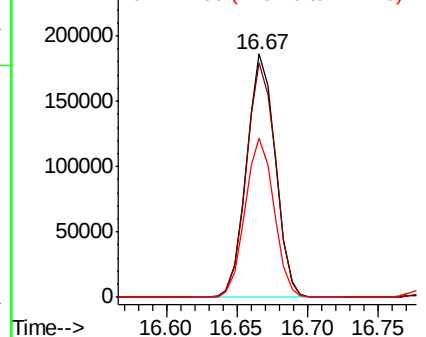


Abundance

Ion 248.00 (247.70 to 248.70): E

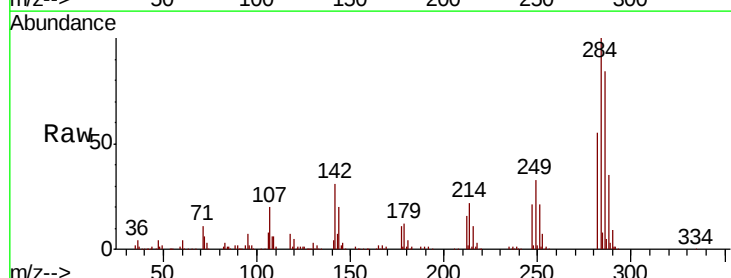
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.458 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	24.7	37.1
249	33.2	27.0	40.4

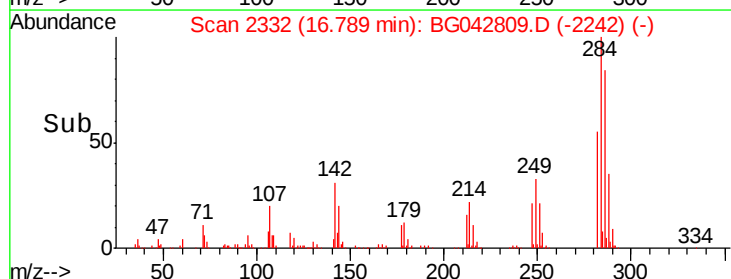
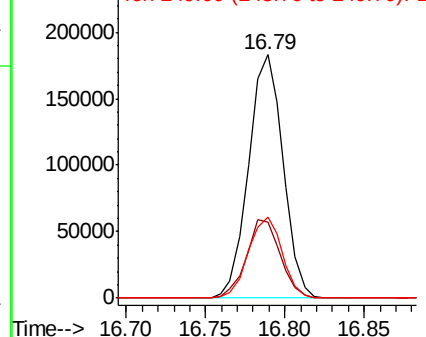


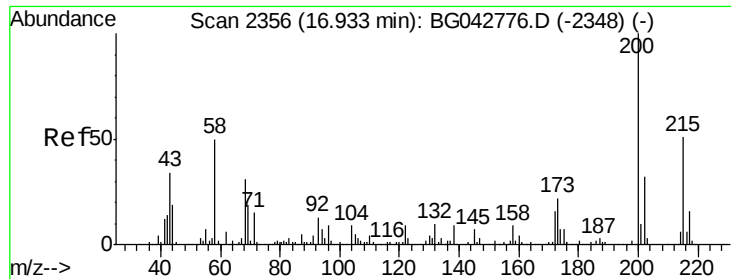
Abundance

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





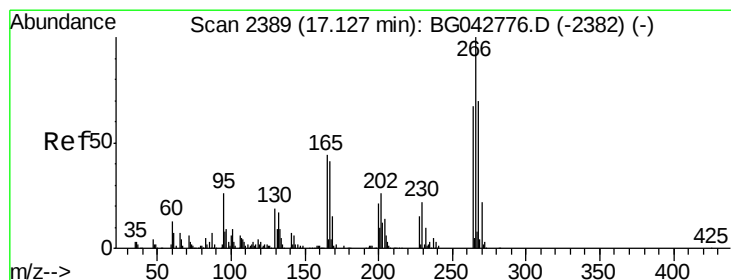
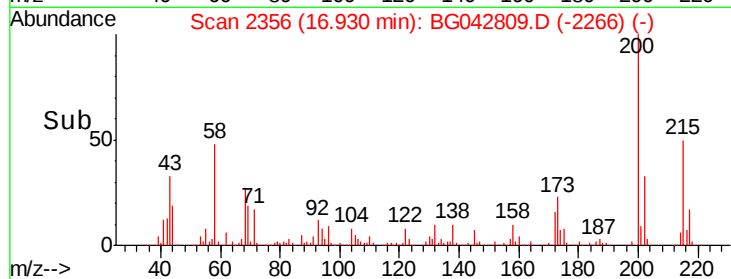
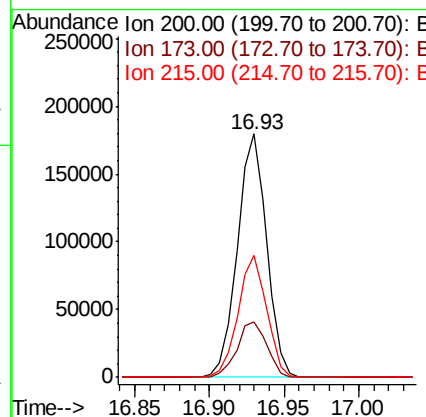
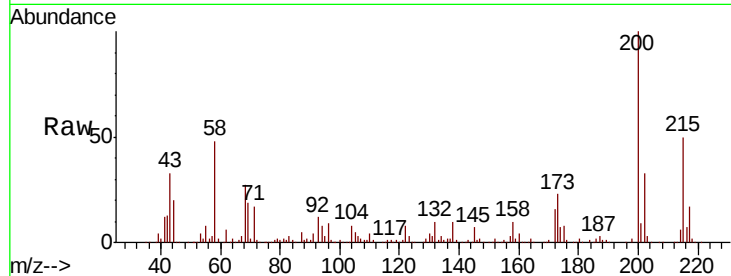
#69
Atrazine
Concen: 54.589 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.7	2.5	42.5
215	49.9	31.0	71.0

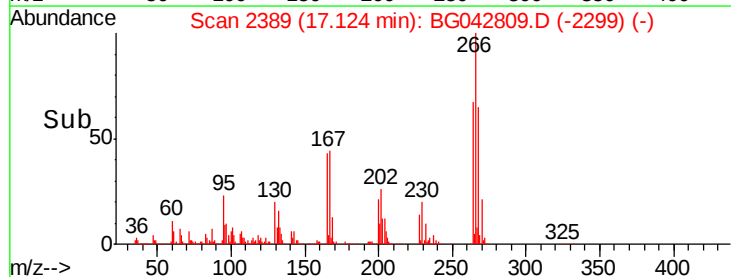
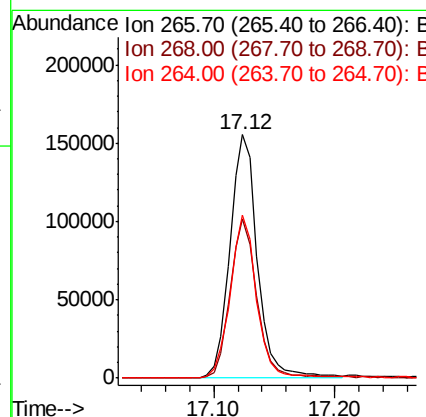
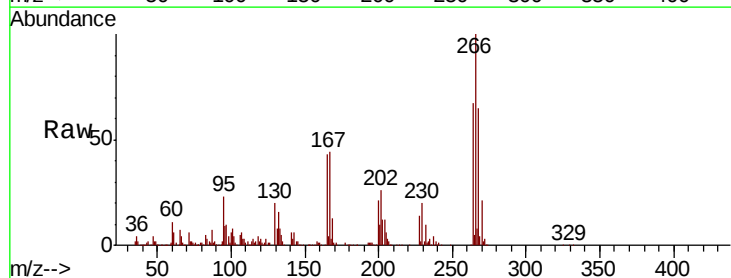
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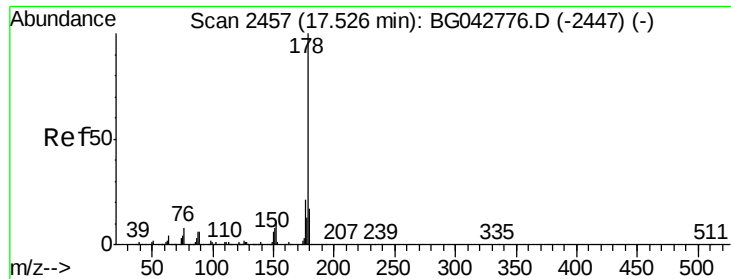
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#70
Pentachlorophenol
Concen: 66.466 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.2	56.2	84.4
264	67.0	53.4	80.2





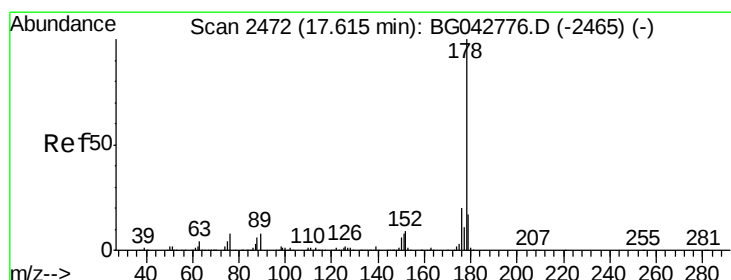
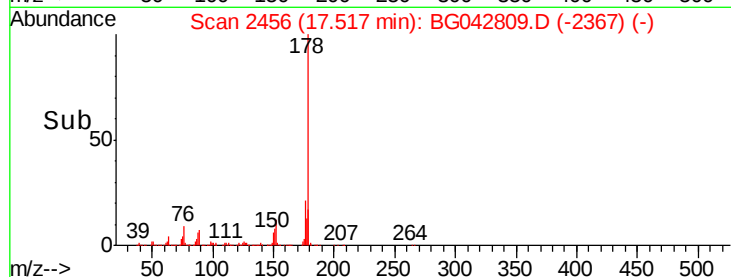
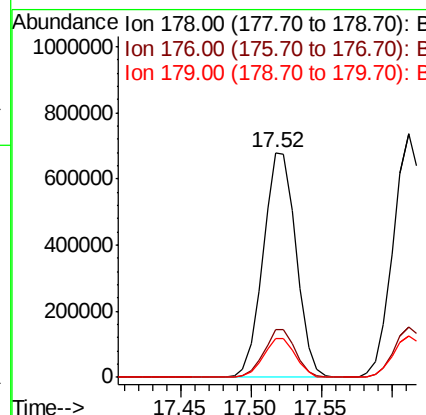
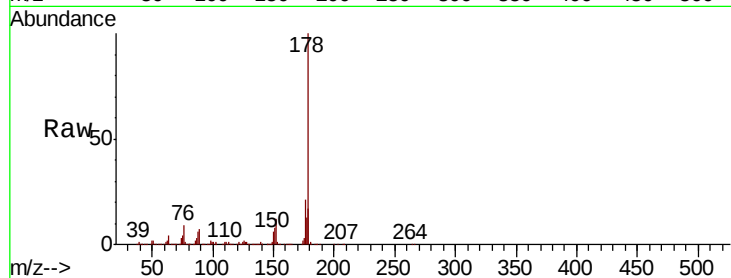
#71
Phenanthrene
Concen: 48.446 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.4
179	17.5	13.6	20.4

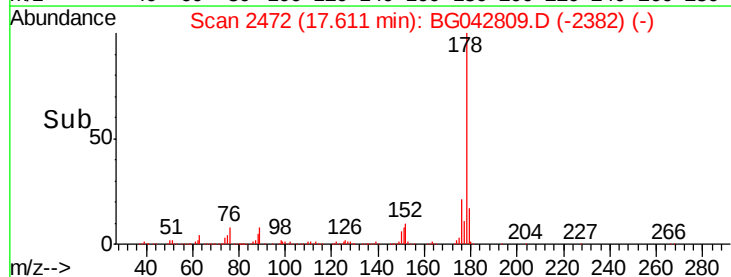
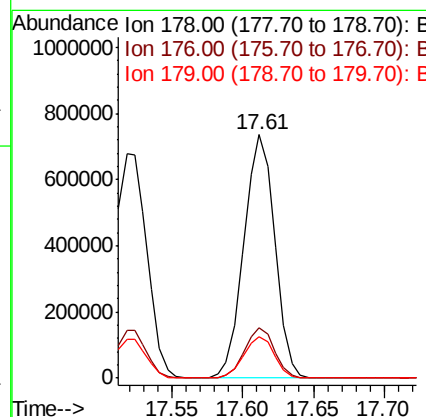
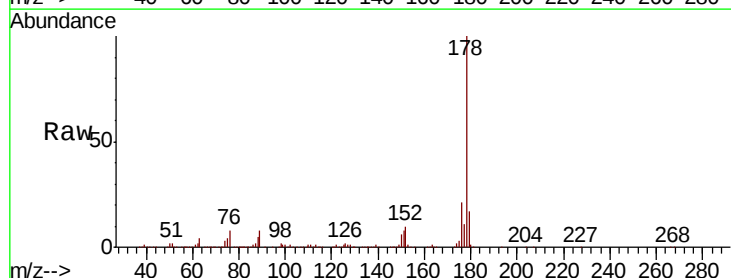
Manual Integrations
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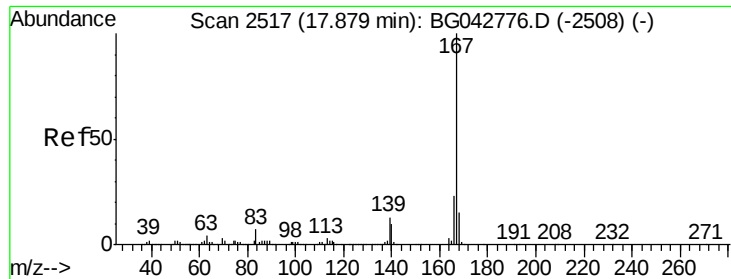
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#72
Anthracene
Concen: 49.127 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	17.0	13.6	20.4





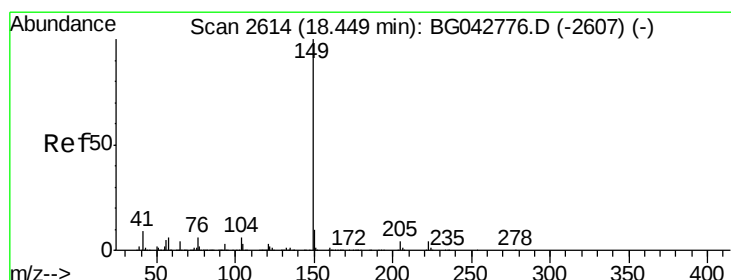
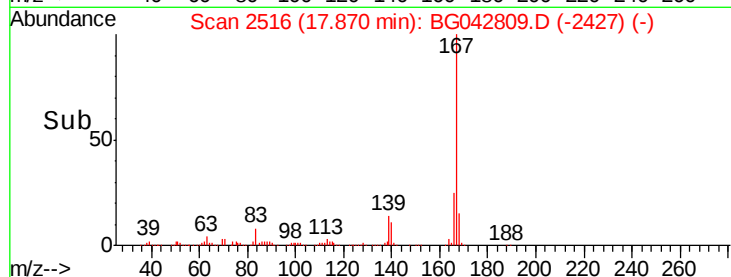
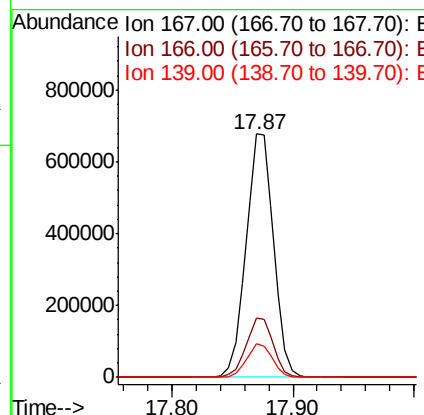
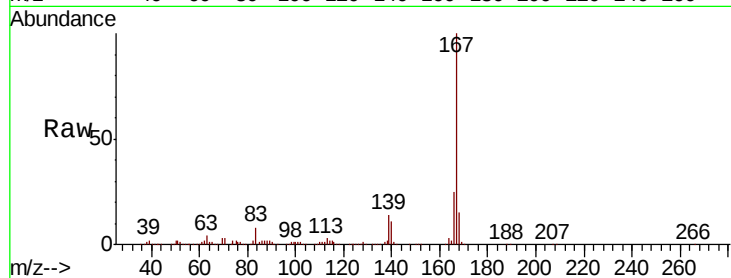
#73
 Carbazole
 Concen: 49.413 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.5	18.3	27.5
139	13.8	10.2	15.4

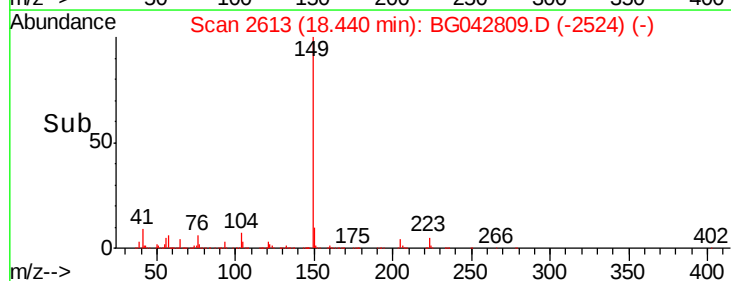
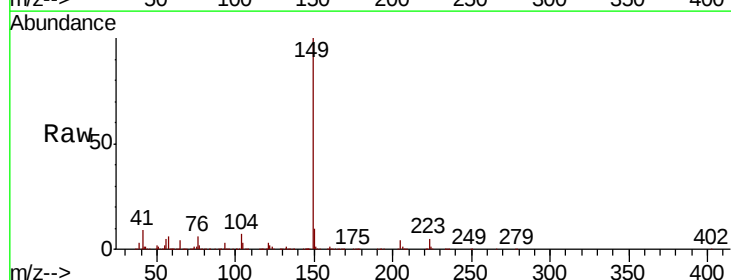
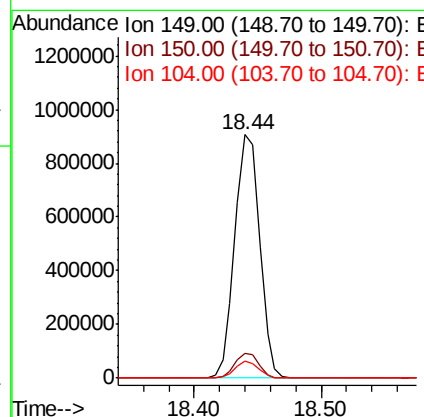
Manual Integrations
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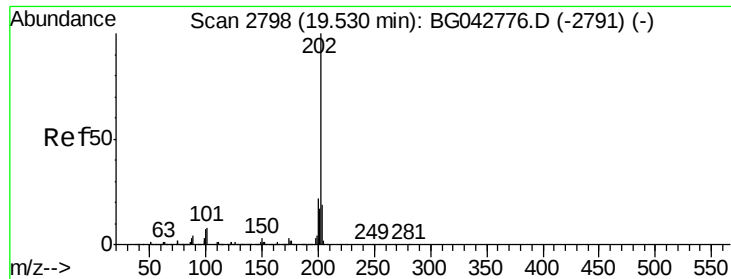
mohammad
 9/16/2019 9:03:46 AM



#74
 Di-n-butylphthalate
 Concen: 47.053 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	6.8	5.1	7.7





#75

Fluoranthene

Concen: 49.912 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

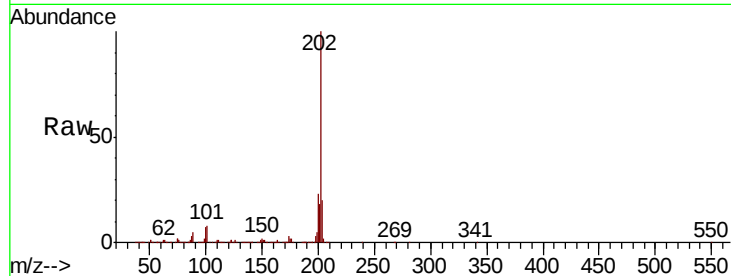
ClientSampled :

PB122825BSD

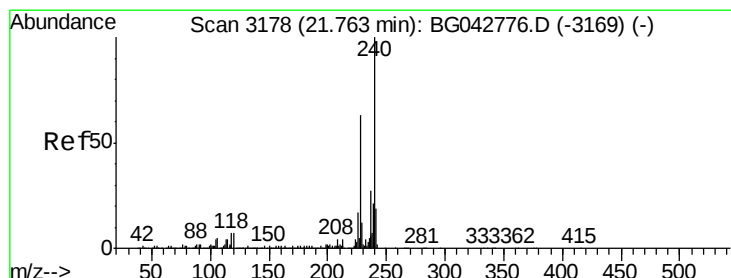
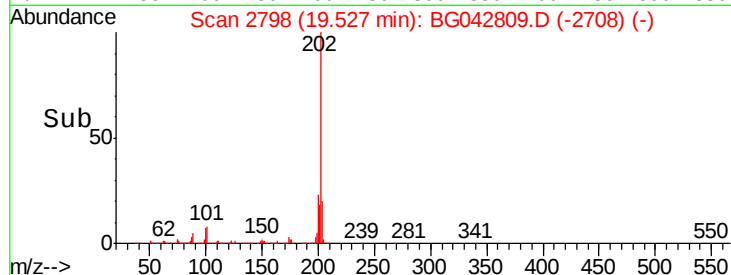
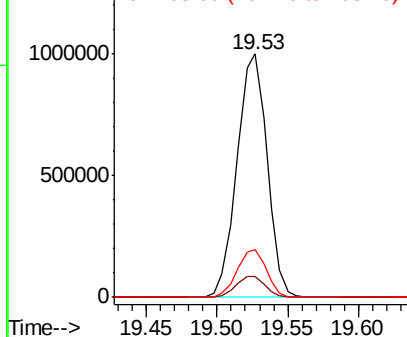
Tot Ion:	202	Resp:	1484627
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.8
203	19.7	0.0	39.1

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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

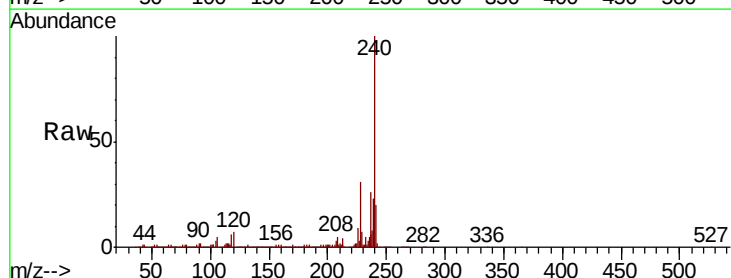
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

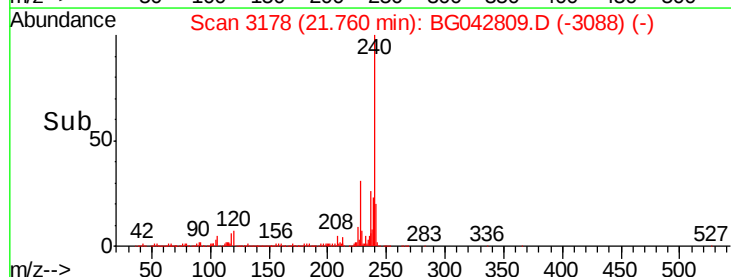
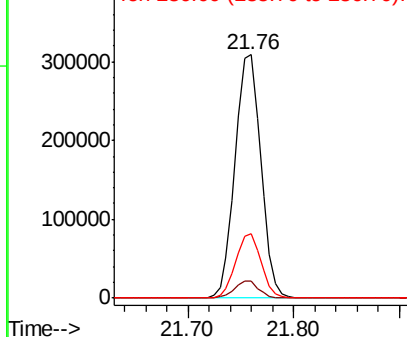
Lab File: BG042809.D

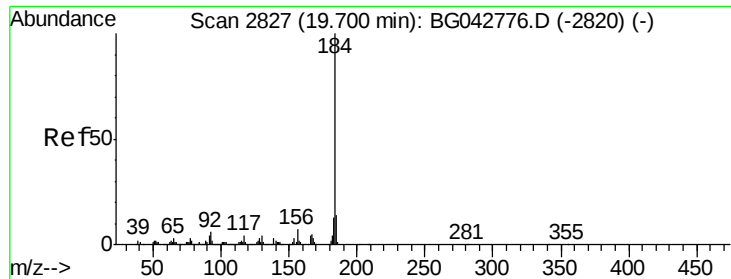
Acq: 13 Sep 2019 9:39

Tgt Ion:	240	Resp:	521596
Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.4	8.2
236	26.4	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: 40.875 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

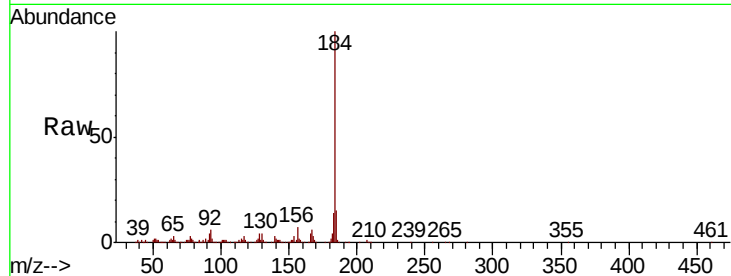
ClientSampleId :

PB122825BSD

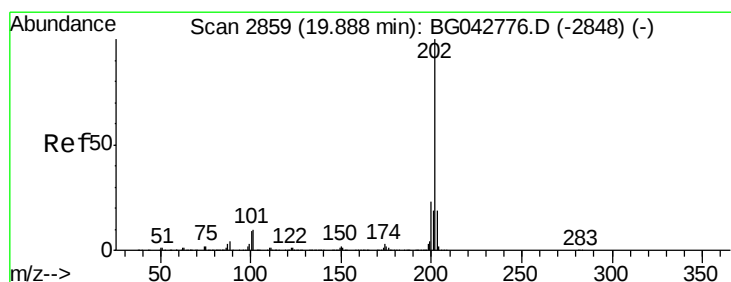
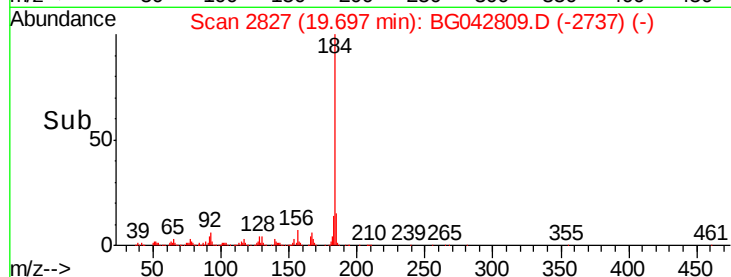
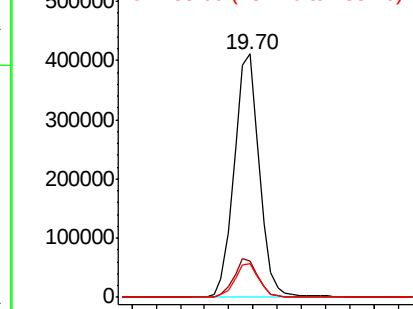
Tot Ion:	184	Resp:	595662
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.6	17.4
183	14.0	10.4	15.6

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



#78

Pyrene

Concen: 45.712 ng

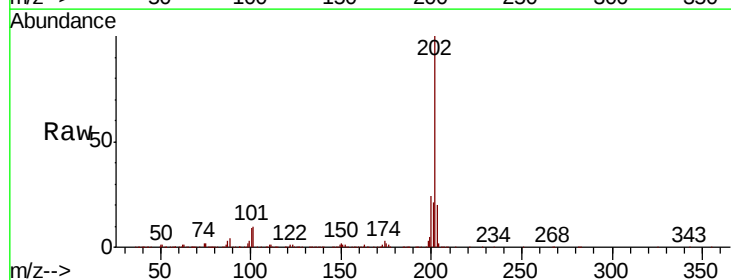
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

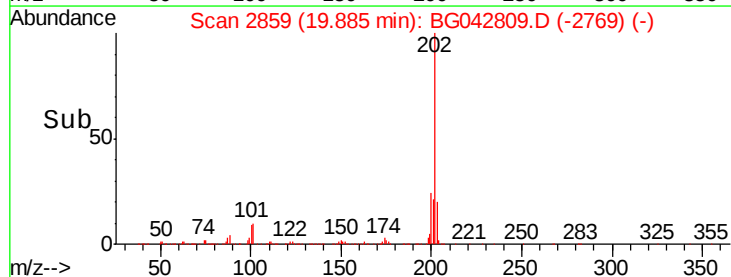
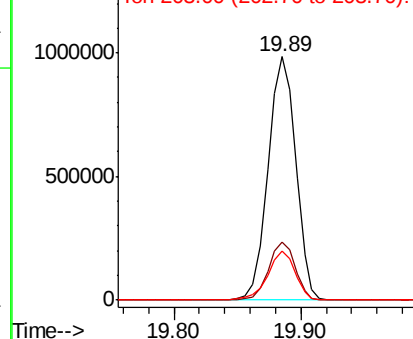
Lab File: BG042809.D

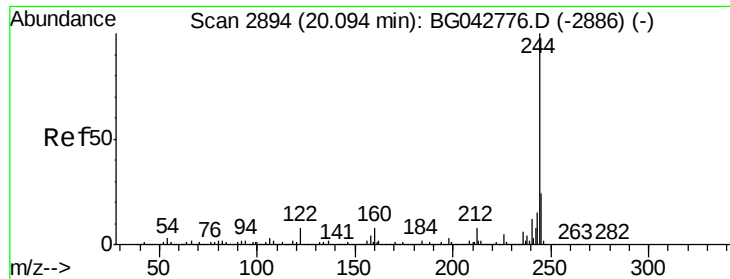
Acq: 13 Sep 2019 9:39

Tgt Ion:	202	Resp:	1492743
Ion Ratio	Lower	Upper	
202	100		
200	23.7	18.5	27.7
203	20.2	15.3	22.9



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





#79

Terphenyl-d14

Concen: 79.886 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

PB122825BSD

Tot Ion:244 Resp: 1880091

Ion Ratio Lower Upper

244 100

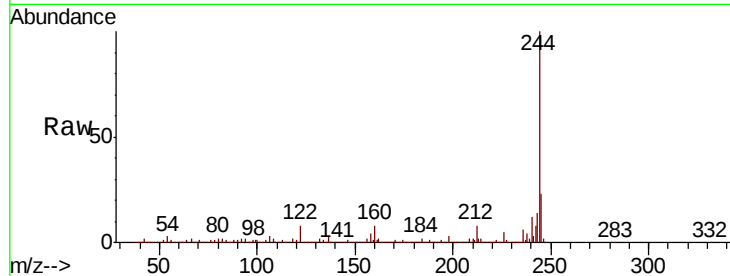
212 8.3 6.6 10.0

122 8.1 6.2 9.4

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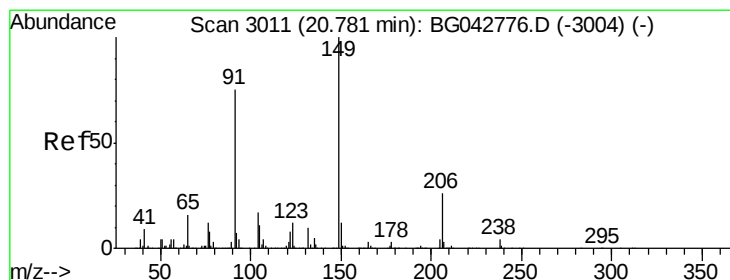
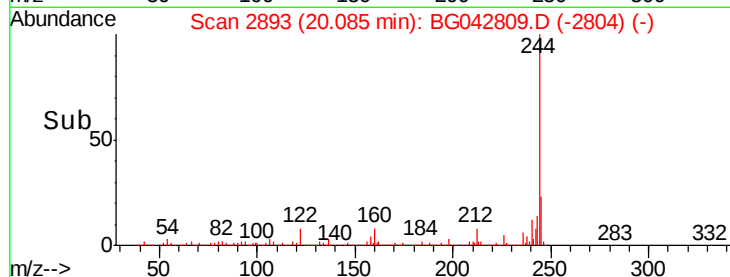
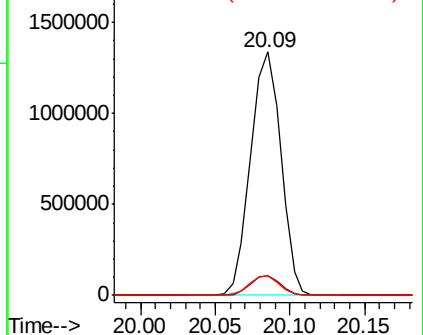
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.298 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

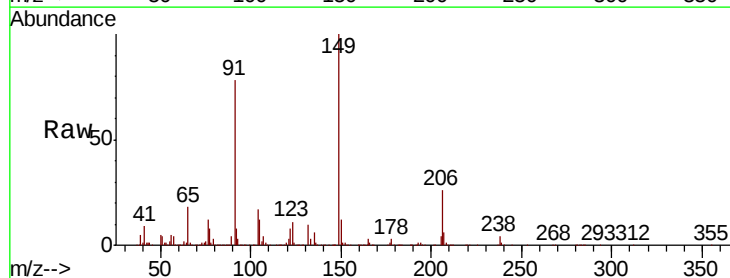
Tgt Ion:149 Resp: 611879

Ion Ratio Lower Upper

149 100

91 77.6 60.2 90.2

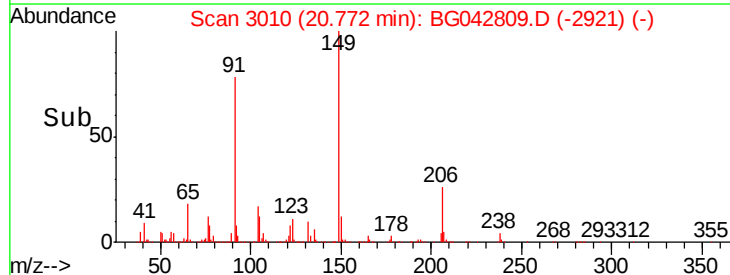
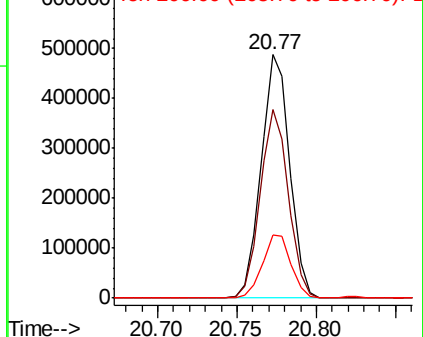
206 25.7 20.6 30.8

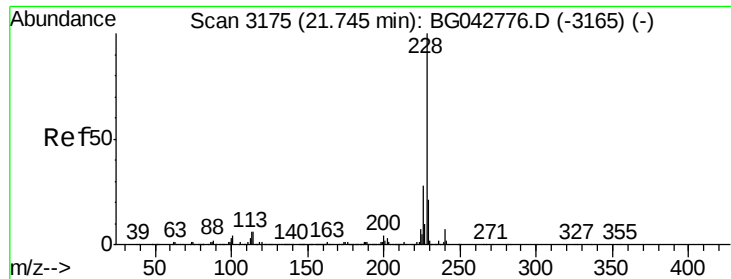


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.093 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

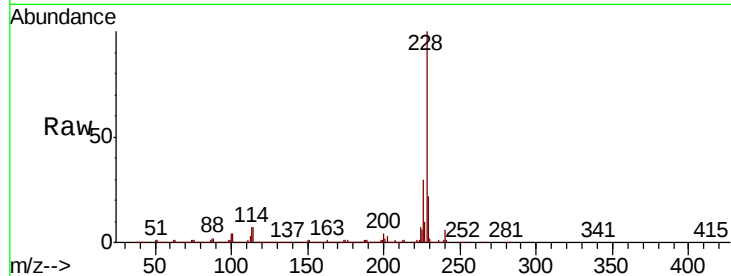
ClientSampleId :

PB122825BSD

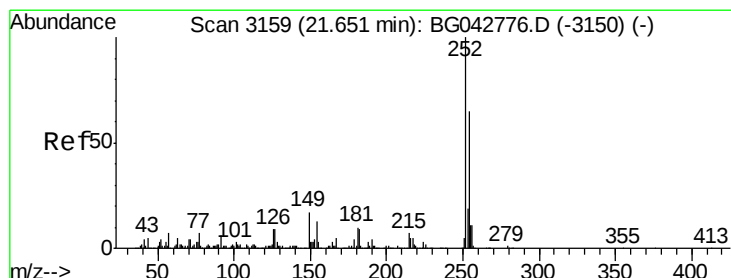
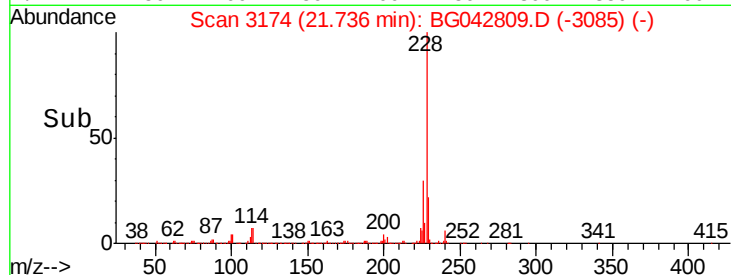
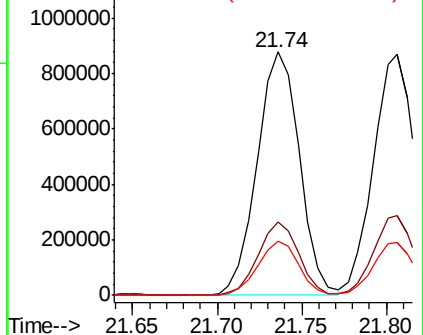
Tot Ion:	228	Resp:	1528613
Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	22.2	17.2	25.8

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



#82

3,3'-Dichlorobenzidine

Concen: 34.135 ng

RT: 21.65 min Scan# 3159

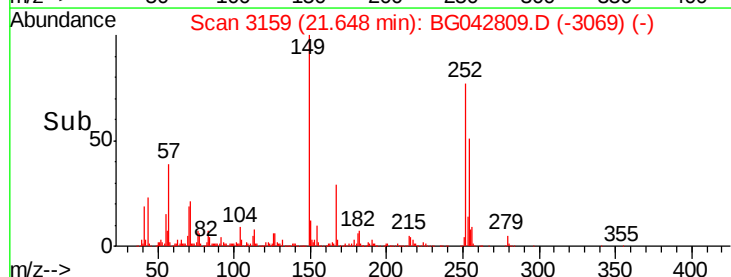
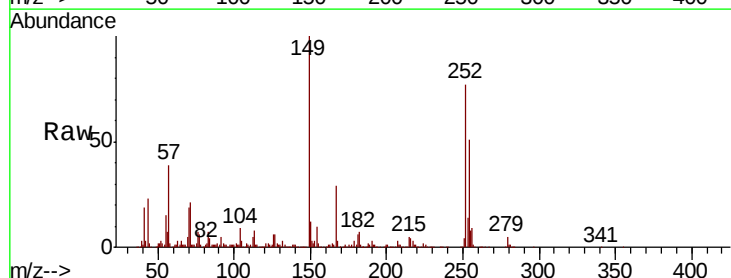
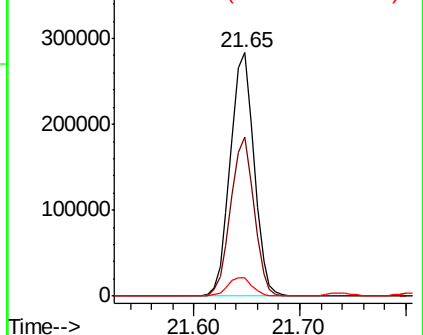
Delta R.T. -0.00 min

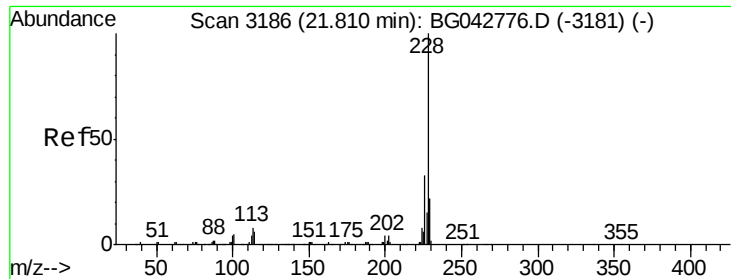
Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	252	Resp:	439929
Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.2	78.2
126	7.5	7.0	10.4

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





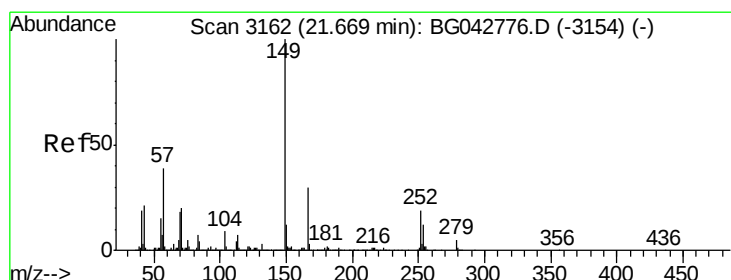
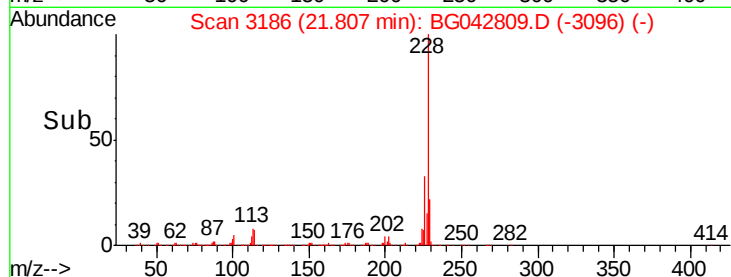
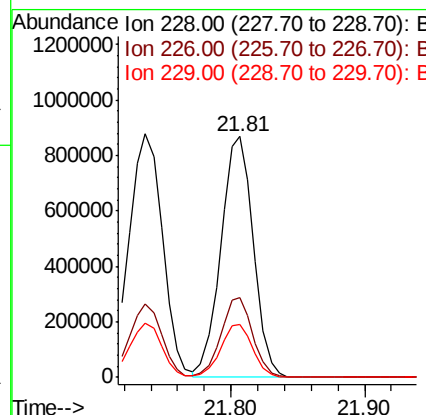
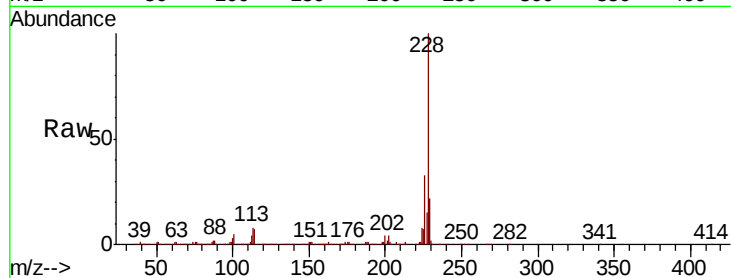
#83
 Chrvsene
 Concen: 47.080 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Instrument :
 BNA_G
 ClientSampleId :
 PB122825BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.0	39.0
229	22.0	17.1	25.7

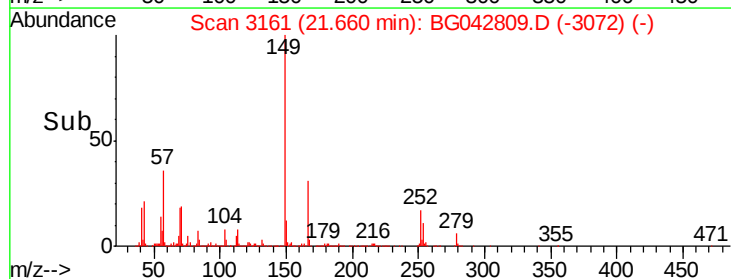
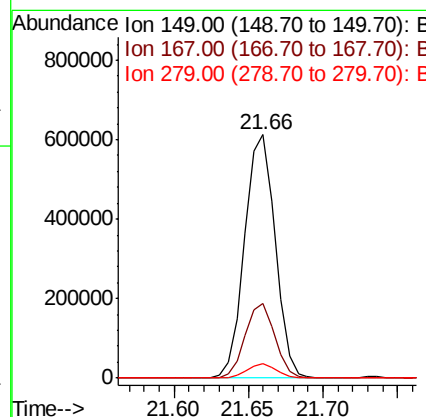
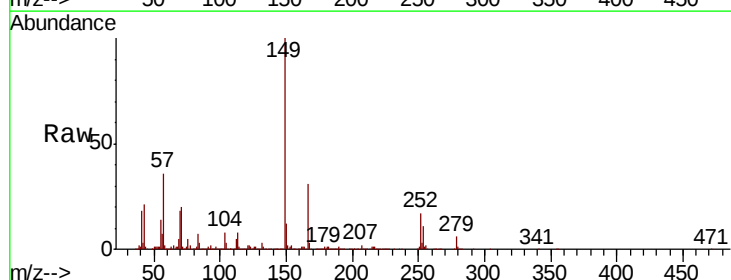
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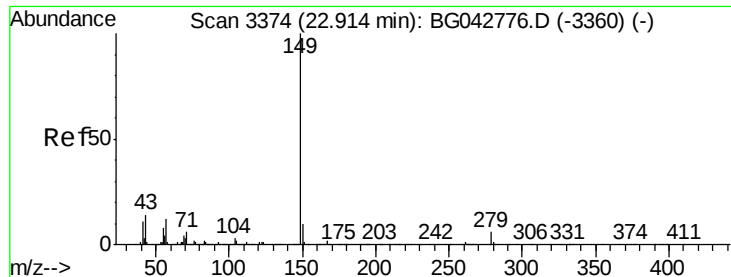
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.104 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG042809.D
 Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	6.0	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 47.807 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

ClientSampleId :

PB122825BSD

Tot Ion:149 Resp: 1471689

Ion Ratio Lower Upper

149 100

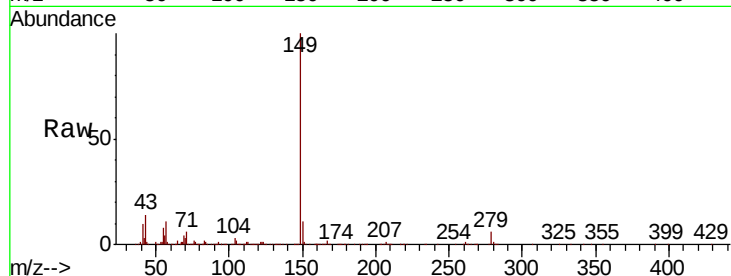
167 1.8 1.4 2.0

43 13.4 10.6 15.8

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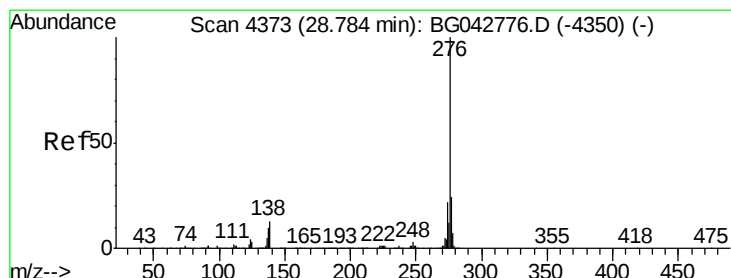
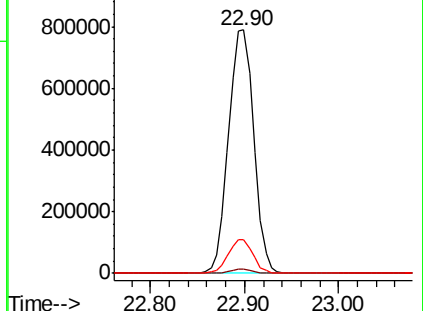
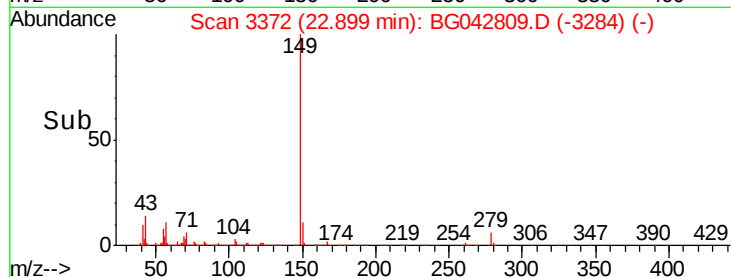
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.285 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

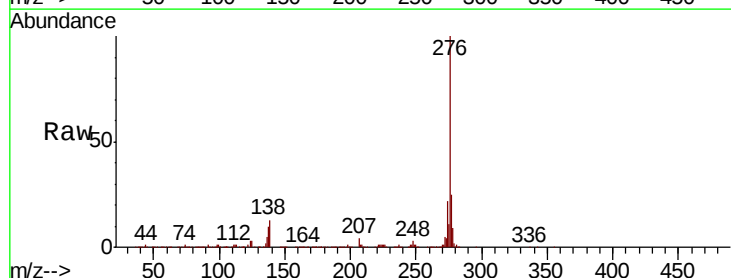
Tgt Ion:276 Resp: 1878365

Ion Ratio Lower Upper

276 100

138 10.8 9.3 13.9

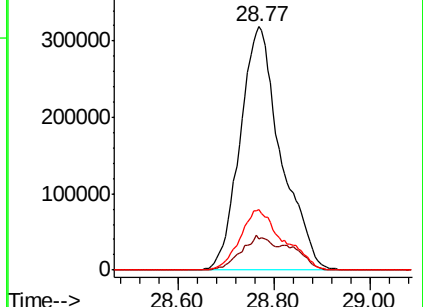
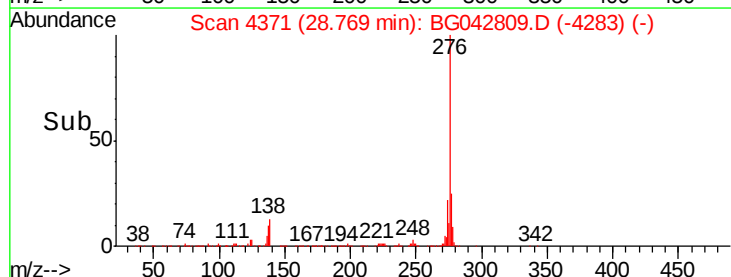
277 26.4 17.2 25.8#

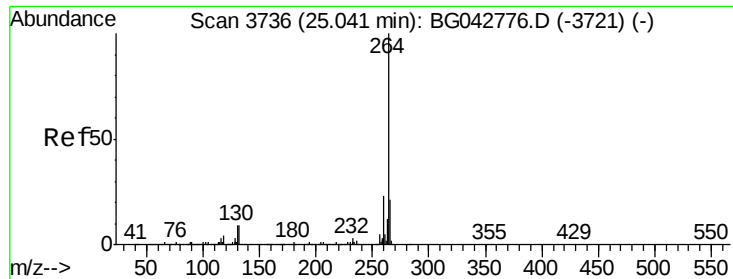


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG042809.D

Acq: 13 Sep 2019 9:39

Instrument :

BNA_G

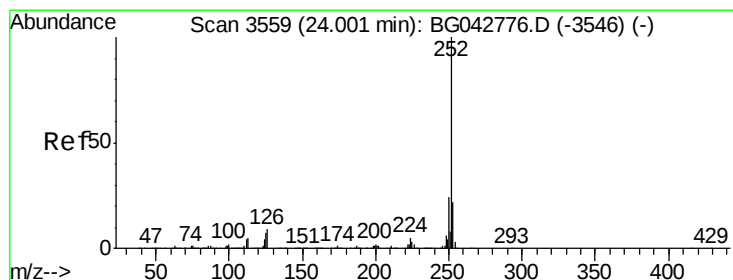
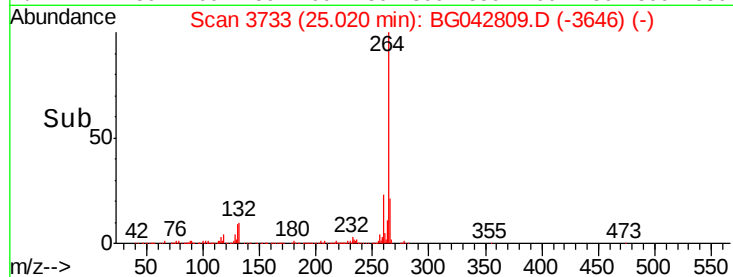
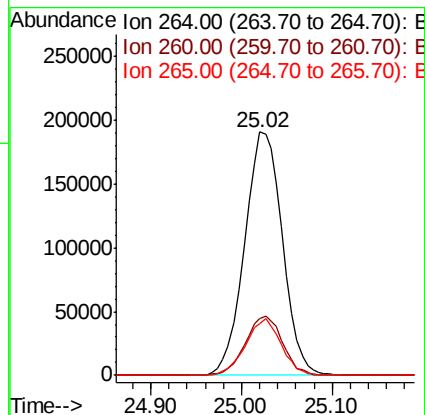
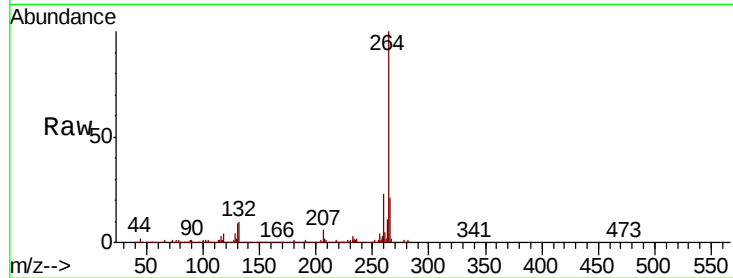
ClientSampleId :

PB122825BSD

Tot Ion:	264	Resp:	553010
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.2
265	21.2	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 50.945 ng

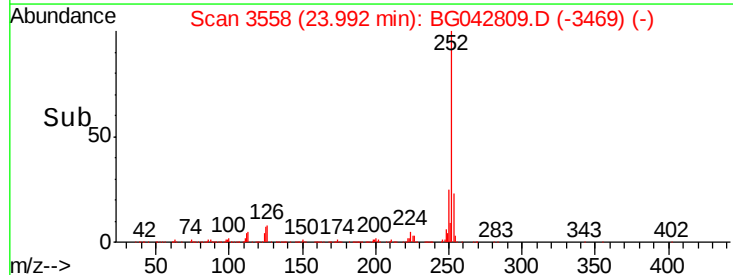
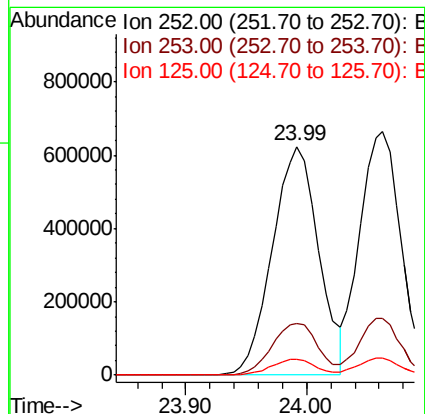
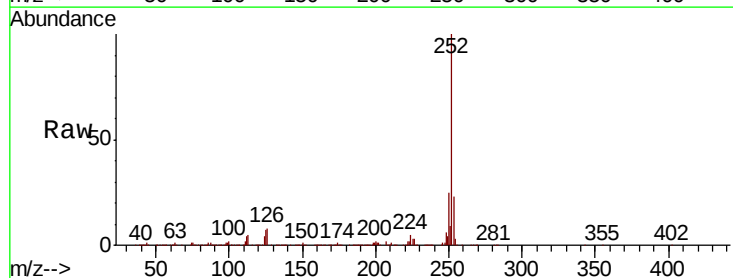
RT: 23.99 min Scan# 3558

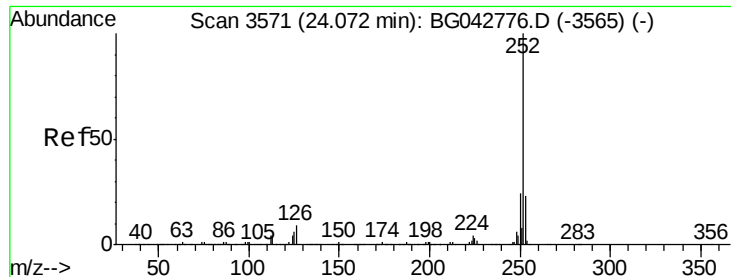
Delta R.T. -0.01 min

Lab File: BG042809.D

Acq: 13 Sep 2019 9:39

Tgt Ion:	252	Resp:	1654267
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	7.0	5.6	8.4





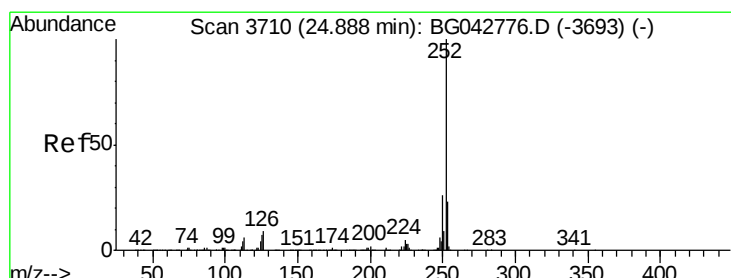
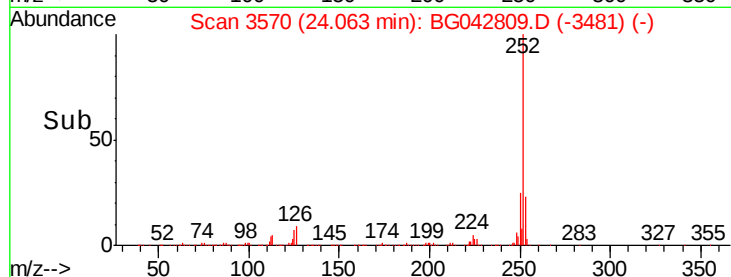
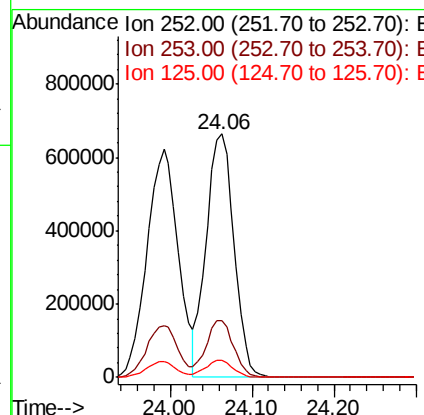
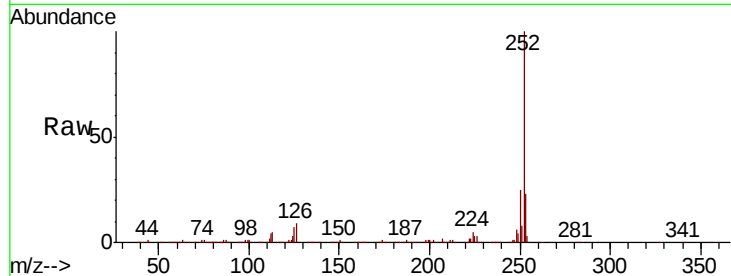
#89
Benzo(k)fluoranthene
Concen: 51.020 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	7.0	5.3	7.9

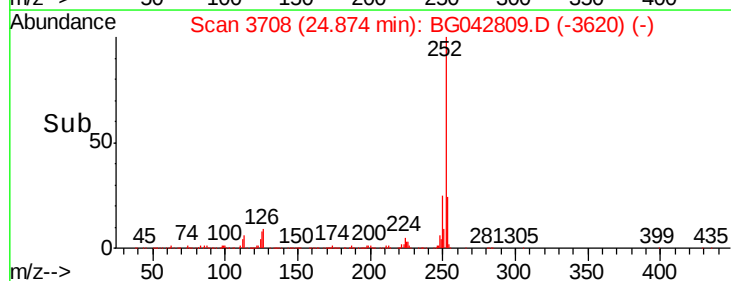
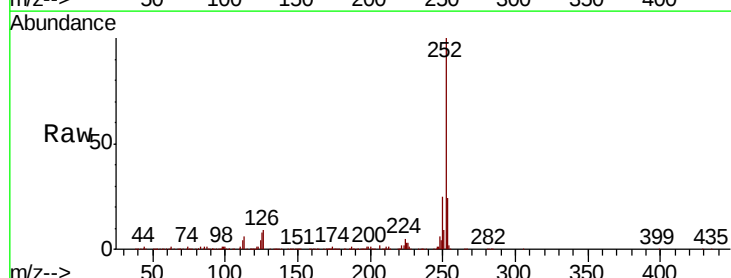
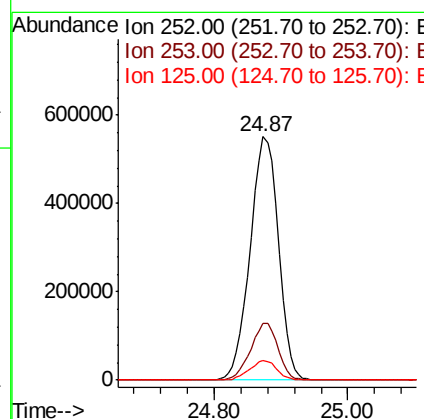
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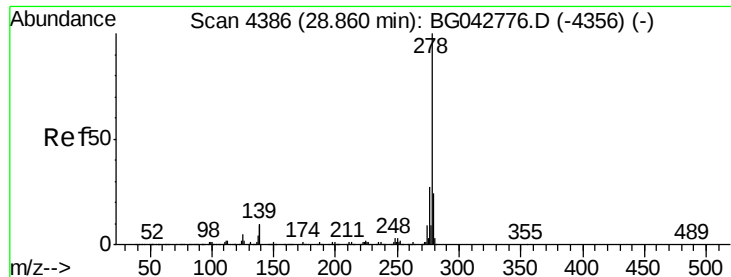
mohammad
9/16/2019 9:03:46 AM



#90
Benzo(a)pyrene
Concen: 52.626 ng
RT: 24.87 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	7.8	5.7	8.5





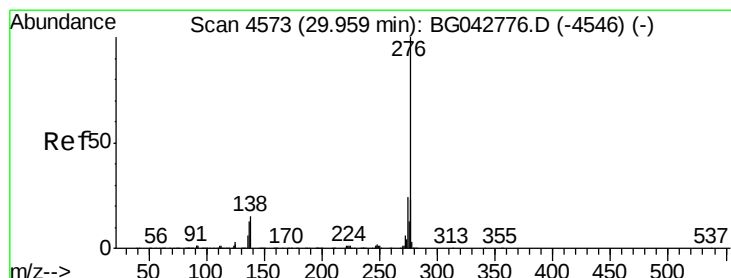
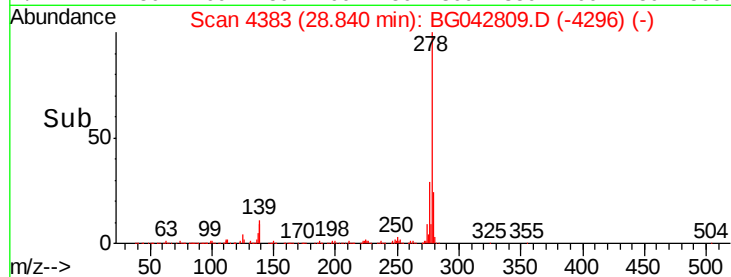
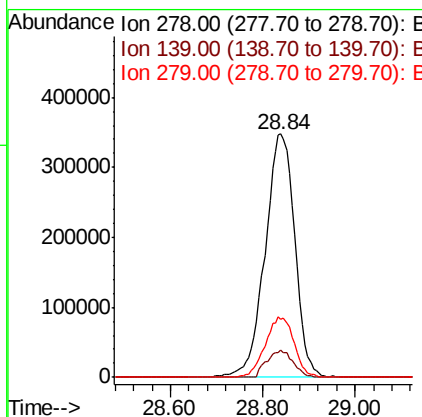
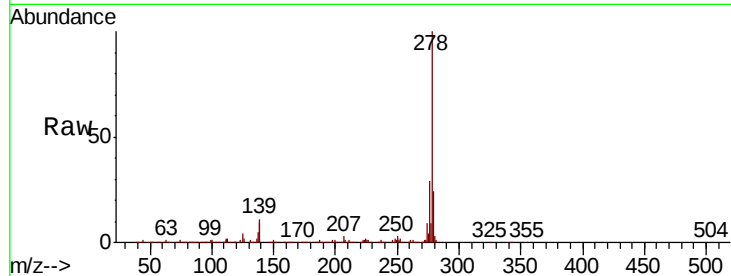
#91
Dibenzo(a,h)anthracene
Concen: 51.899 ng
RT: 28.84 min Scan# 4383
Delta R.T. -0.02 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Instrument :
BNA_G
ClientSampleId :
PB122825BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.3	8.2	12.2
279	24.1	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/16/2019 9:03:46 AM



#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 29.94 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG042809.D
Acq: 13 Sep 2019 9:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	13.5	11.8	17.8

