

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
 Data File : BG043311.D
 Acq On : 23 Oct 2019 16:45
 Operator : JU
 Sample : PB124212BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Manual Integrations
 APPROVED

mohammad
 10/24/2019 2:11:38 PM

Quant Time: Oct 24 06:56:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29615	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	116467	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	88363	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	223512	20.00	ng	0.00
76) Chrysene-d12	21.67	240	264870	20.00	ng	0.00
87) Perylene-d12	24.87	264	279473	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203292	125.79	ng	0.00
7) Phenol-d6	7.20	99	280944	120.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	145745	64.51	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	202719	120.55	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	399578	62.49	ng	0.00
79) Terphenyl-d14	20.00	244	919092	65.10	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	26624	42.274	ng	# 95
3) Pyridine	3.89	79	60058	37.803	ng	98
4) n-Nitrosodimethylamine	3.80	42	37304	46.533	ng	# 97
6) Aniline	7.35	93	88474	33.030	ng	98
8) 2-Chlorophenol	7.60	128	83384	46.739	ng	93
9) Benzaldehyde	7.16	77	49238	43.088	ng	92
10) Phenol	7.23	94	100910	47.492	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	73374	44.665	ng	97
12) 1,3-Dichlorobenzene	7.91	146	90782	40.614	ng	99
13) 1,4-Dichlorobenzene	8.06	146	93442	41.318	ng	96
14) 1,2-Dichlorobenzene	8.38	146	89859	40.695	ng	95
15) Benzyl Alcohol	8.27	79	71349	43.691	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	98106	41.071	ng	98
17) 2-Methylphenol	8.48	107	70188	45.312	ng	96
18) Hexachloroethane	9.11	117	32676	40.047	ng	82
19) n-Nitroso-di-n-propylamine	8.83	70	61539	40.957	ng	97
20) 3+4-Methylphenols	8.81	107	97209m	45.766	ng	
22) Acetophenone	8.85	105	119331	40.009	ng	96
24) Nitrobenzene	9.23	77	93987	43.673	ng	97
25) Isophorone	9.75	82	177397	42.951	ng	99
26) 2-Nitrophenol	9.95	139	47965	46.166	ng	91
27) 2,4-Dimethylphenol	10.00	122	78076	52.431	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	94749	41.565	ng	92
29) 2,4-Dichlorophenol	10.49	162	88909	46.598	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	99306	41.296	ng	97
31) Naphthalene	10.88	128	258201	43.676	ng	98
32) Benzoic acid	10.15	122	32952	32.566	ng	89
33) 4-Chloroaniline	11.00	127	58463	24.125	ng	# 95
34) Hexachlorobutadiene	11.17	225	71654	40.308	ng	97
35) Caprolactam	11.76	113	30726m	46.759	ng	
36) 4-Chloro-3-methylphenol	12.12	107	94398	45.357	ng	100
37) 2-Methylnaphthalene	12.48	142	201027	44.318	ng	94
38) 1-Methylnaphthalene	12.70	142	189223	43.843	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	127909	39.114	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	148985	86.728	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	86701	45.020	nq	92
44) 2,4,5-Trichlorophenol	13.17	196	91530	47.011	nq	98
46) 1,1'-Biphenyl	13.49	154	274755	40.873	nq	98
47) 2-Chloronaphthalene	13.53	162	212160	41.480	nq	98
48) 2-Nitroaniline	13.74	65	65409	42.788	nq	97
49) Acenaphthylene	14.38	152	352931	44.336	nq	100
50) Dimethylphthalate	14.11	163	297023	43.397	nq	100
51) 2,6-Dinitrotoluene	14.22	165	67445	45.359	nq	93
52) Acenaphthene	14.72	154	209861	43.231	nq	97
53) 3-Nitroaniline	14.56	138	44874	31.258	nq	90
54) 2,4-Dinitrophenol	14.76	184	79605	85.212	nq	91
55) Dibenzofuran	15.05	168	346437	44.007	nq	98
56) 4-Nitrophenol	14.88	139	103246	107.321	nq	90
57) 2,4-Dinitrotoluene	15.02	165	97376	45.825	nq	96
58) Fluorene	15.70	166	296538	44.912	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	97670	47.216	nq	# 99
60) Diethylphthalate	15.47	149	304153	44.227	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	169342	43.964	nq	98
62) 4-Nitroaniline	15.73	138	64723	43.655	nq	93
63) Azobenzene	15.99	77	251974	45.272	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	58282	44.308	nq	95
66) n-Nitrosodiphenylamine	15.90	169	268736	42.587	nq	95
67) 4-Bromophenyl-phenylether	16.59	248	120434	40.038	nq	98
68) Hexachlorobenzene	16.71	284	136512	39.537	nq	99
69) Atrazine	16.86	200	120382	54.901	nq	92
70) Pentachlorophenol	17.06	266	157495	100.105	nq	97
71) Phenanthrene	17.44	178	488132	42.648	nq	99
72) Anthracene	17.53	178	501700	43.811	nq	98
73) Carbazole	17.80	167	468166	45.146	nq	98
74) Di-n-butylphthalate	18.35	149	558043	44.350	nq	98
75) Fluoranthene	19.45	202	673614	45.144	nq	99
77) Benzidine	19.63	184	177118	33.227	nq	98
78) Pyrene	19.81	202	695977	42.450	nq	99
80) Butylbenzylphthalate	20.69	149	257422	41.443	nq	98
81) Benzo(a)anthracene	21.65	228	720865	43.448	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	232891	36.292	nq	97
83) Chrysene	21.71	228	700391	42.487	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	377575	42.792	nq	98
85) Di-n-octyl phthalate	22.75	149	651368	43.513	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	889071	42.966	nq	99
88) Benzo(b)fluoranthene	23.85	252	766215	48.407	nq	97
89) Benzo(k)fluoranthene	23.92	252	763030	47.885	nq	99
90) Benzo(a)pyrene	24.72	252	700653	46.355	nq	98
91) Dibenzo(a,h)anthracene	28.57	278	759777	49.143	nq	98
92) Benzo(g,h,i)perylene	29.65	276	758199	49.717	nq	98

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



#1

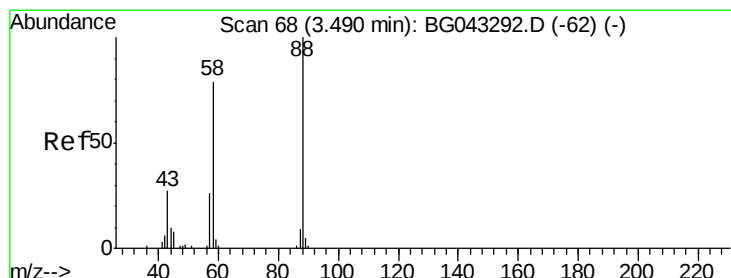
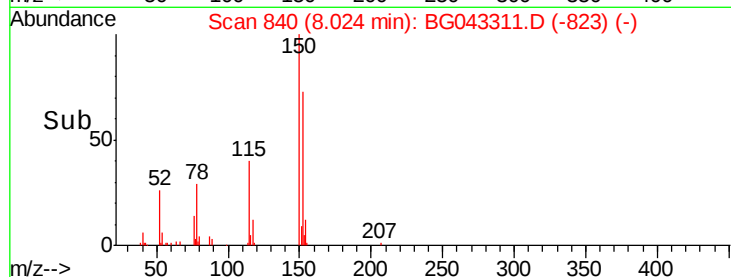
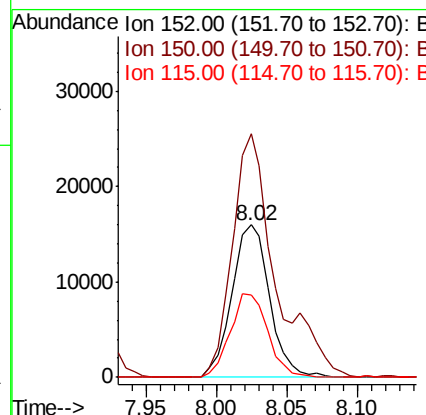
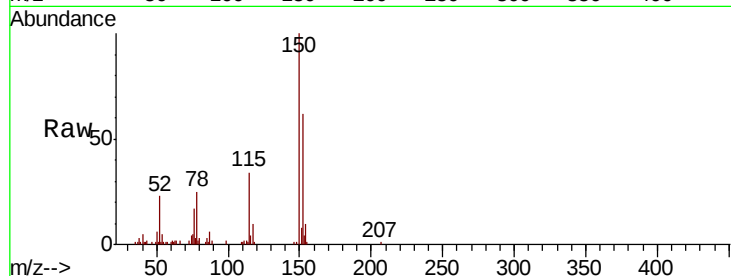
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	113.6	170.4
115	54.1	45.9	68.9

Manual Integrations
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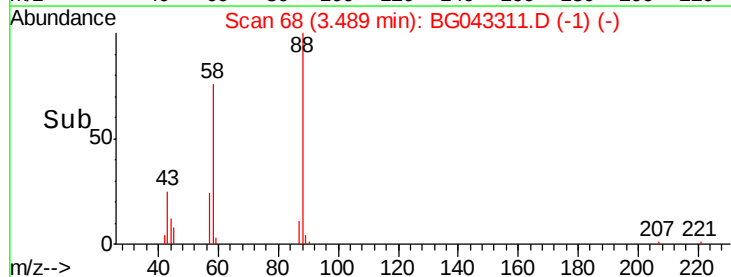
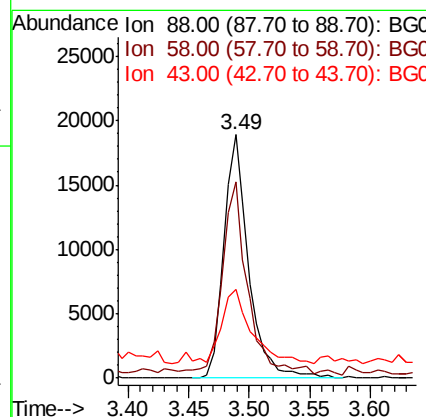
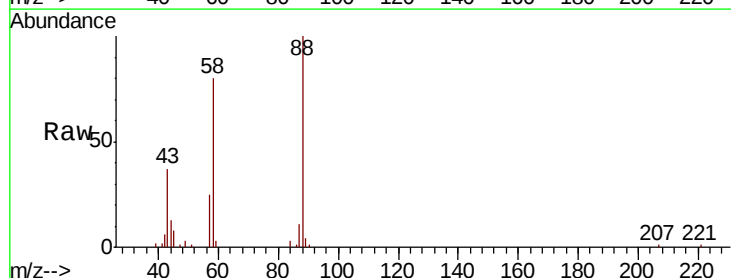
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#2

1,4-Dioxane
Concen: 42.274 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	60.2	90.2
43	37.2	22.7	34.1





#3

Pvridine

Concen: 37.803 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

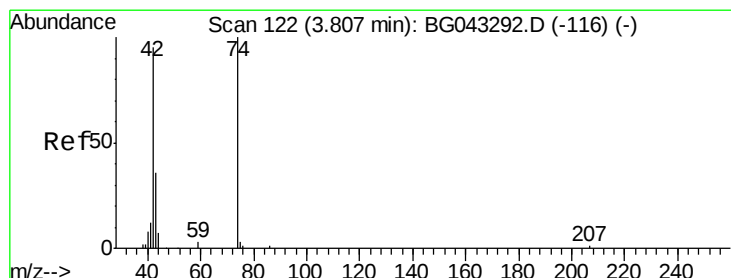
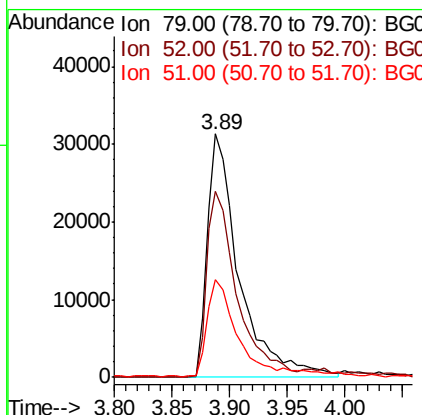
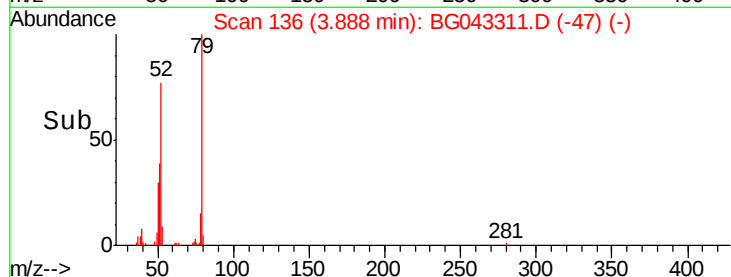
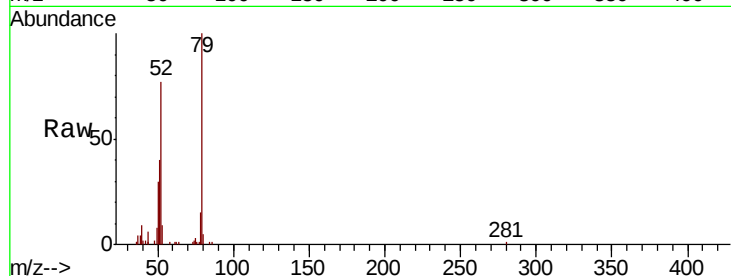
ClientSampleId :

PB124212BS

Tot Ion:	79	Resp:	60058
Ion	Ratio	Lower	Upper
79	100		
52	76.6	59.7	89.5
51	40.2	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.533 ng

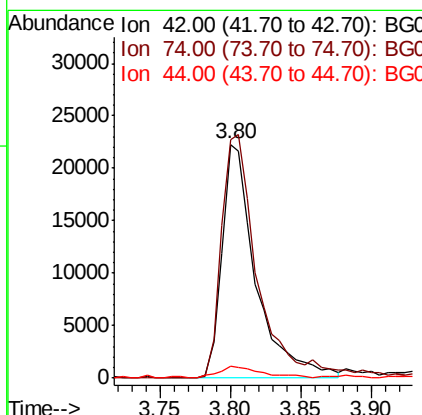
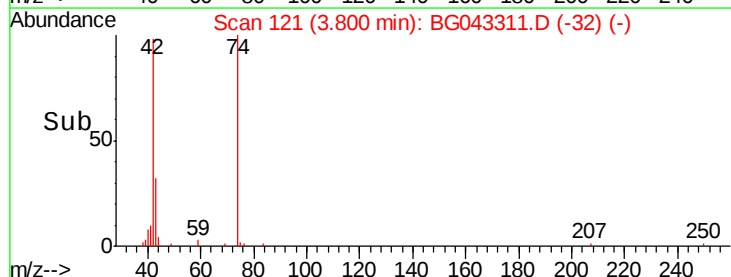
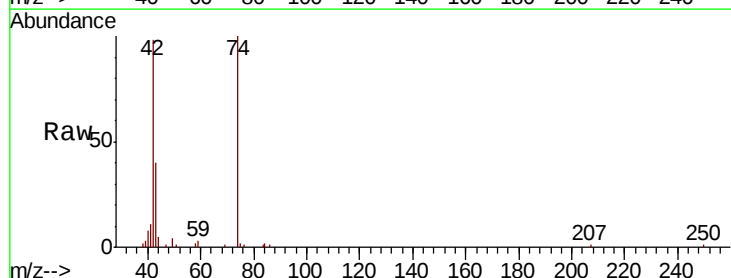
RT: 3.80 min Scan# 121

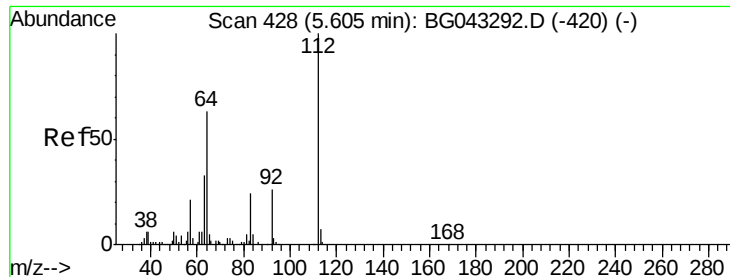
Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	42	Resp:	37304
Ion	Ratio	Lower	Upper
42	100		
74	102.1	84.2	126.2
44	5.4	6.0	9.0





#5

2-Fluorophenol

Concen: 125.788 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

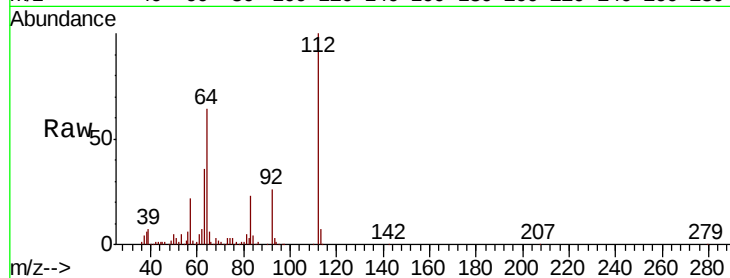
ClientSampleId :

PB124212BS

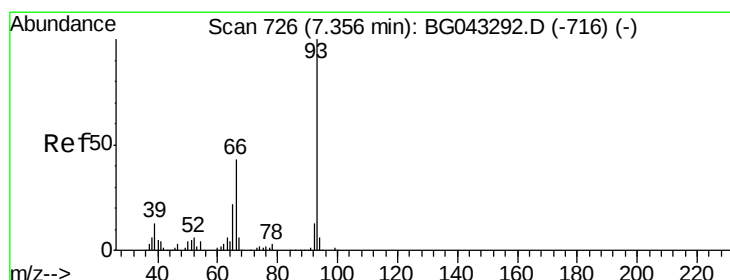
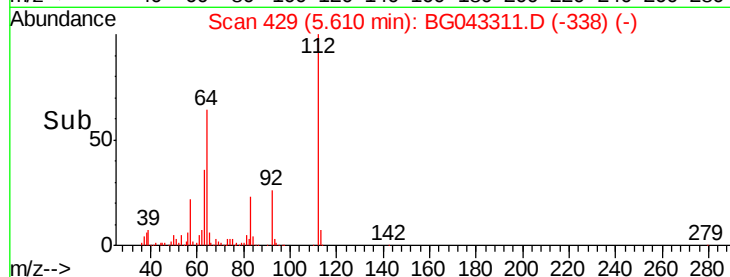
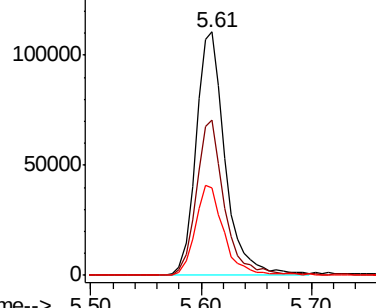
Tot Ion:	112	Resp:	203292
Ion Ratio	Lower	Upper	
112	100		
64	63.6	50.2	75.2
63	35.9	26.7	40.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
150000
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.030 ng

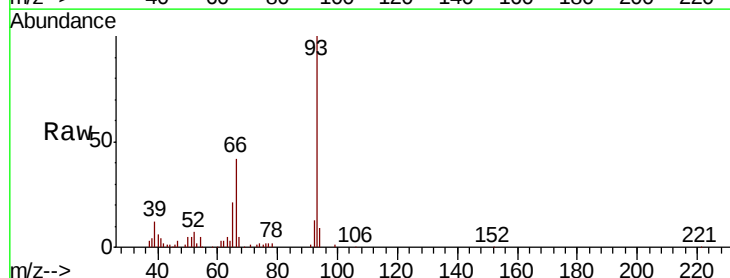
RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

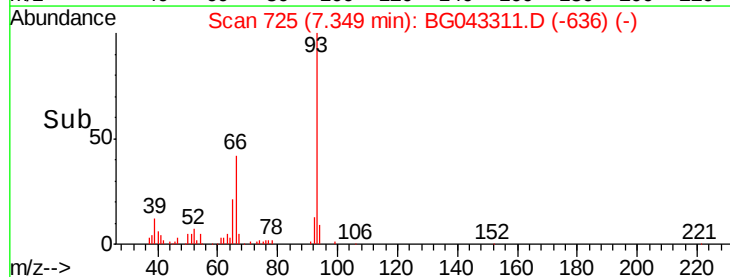
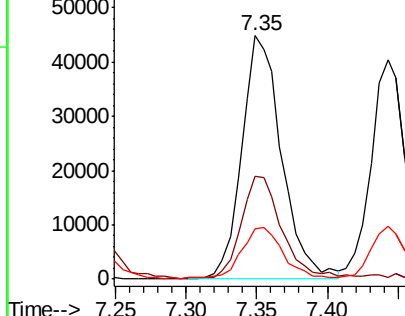
Lab File: BG043311.D

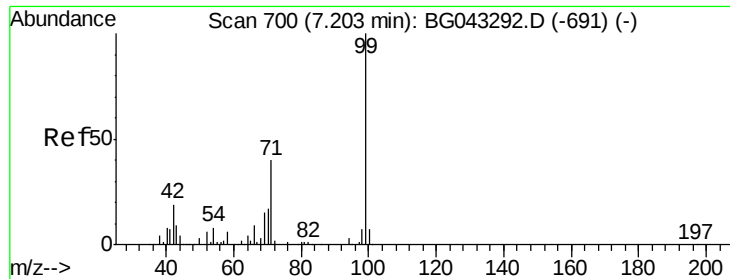
Acq: 23 Oct 2019 16:45

Tgt Ion:	93	Resp:	88474
Ion Ratio	Lower	Upper	
93	100		
66	42.3	34.5	51.7
65	20.8	18.0	27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
60000
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.823 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

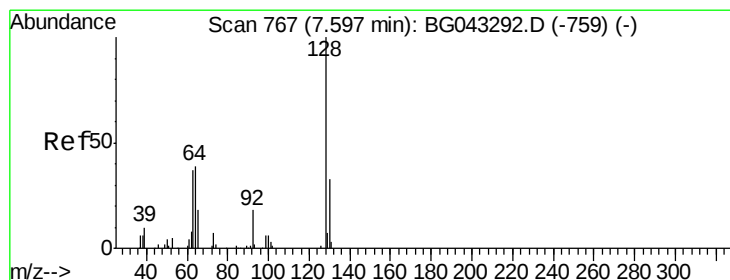
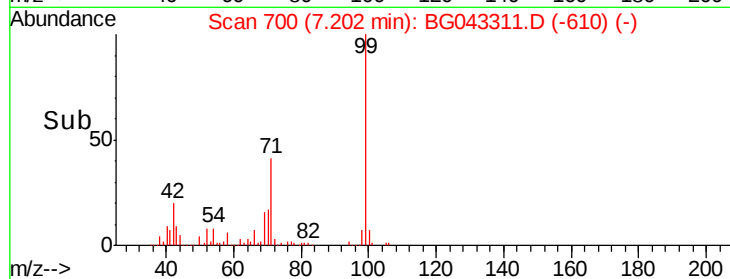
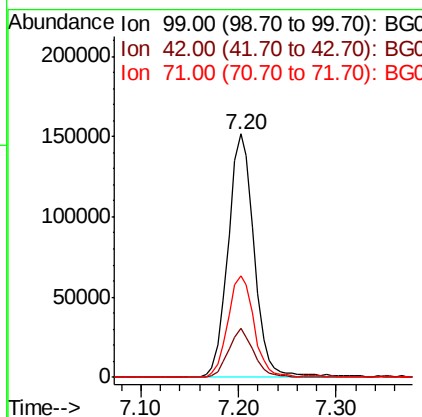
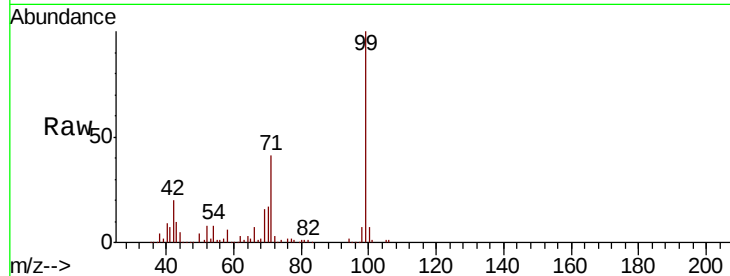
ClientSampleId :

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Tot Ion:	99	Resp:	280944
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.9	22.3
71	41.4	32.2	48.2

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#8

2-Chlorophenol

Concen: 46.739 ng

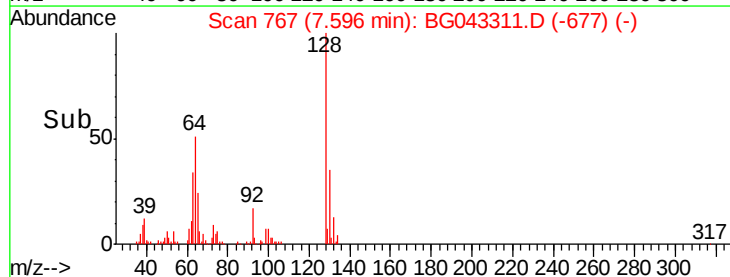
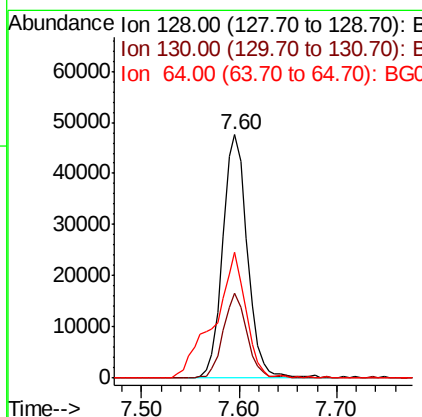
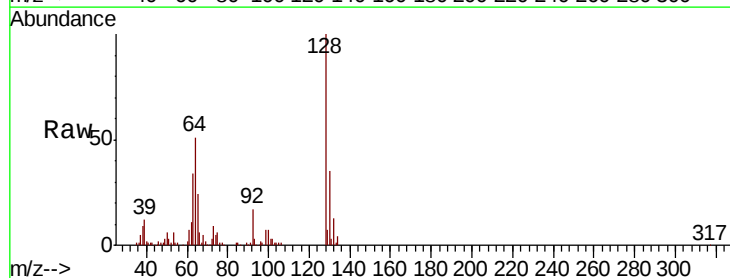
RT: 7.60 min Scan# 767

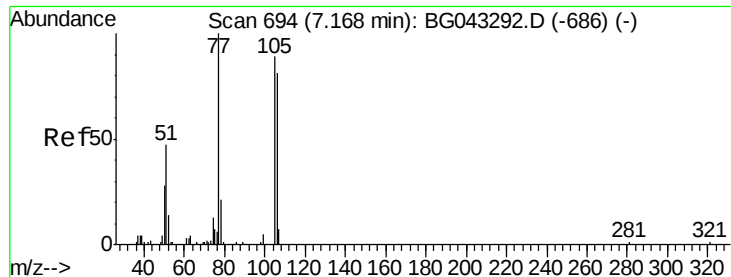
Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	128	Resp:	83384
Ion Ratio	Lower	Upper	
128	100		
130	34.9	12.9	52.9
64	51.5	24.9	64.9





#9

Benzaldehyde

Concen: 43.088 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

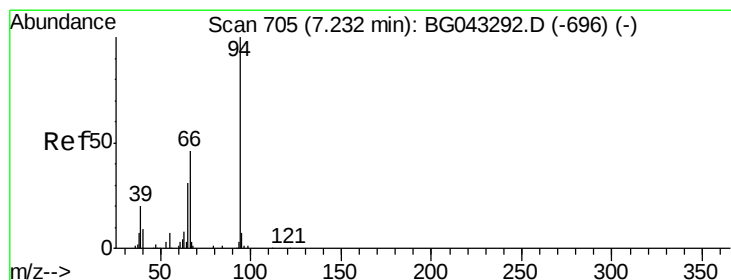
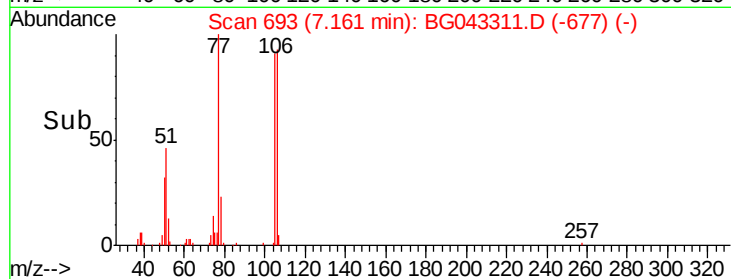
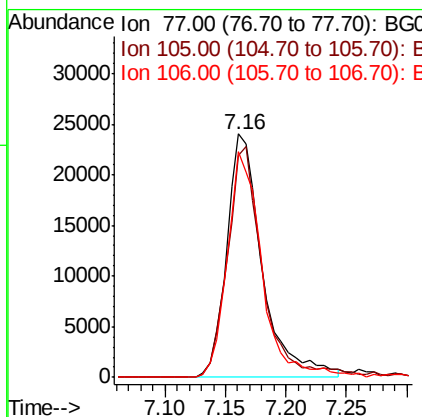
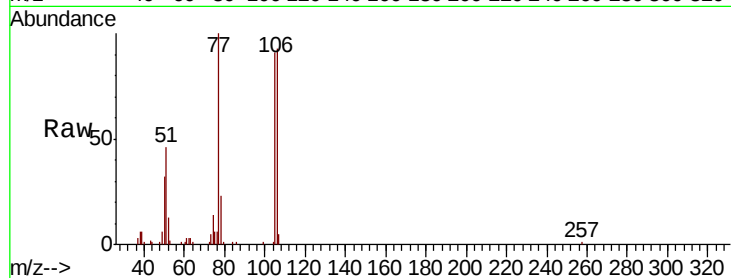
ClientSampleId :

PB124212BS

Tot Ion:	77	Resp:	49238
Ion	Ratio	Lower	Upper
77	100		
105	90.9	68.7	108.7
106	92.5	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 47.492 ng

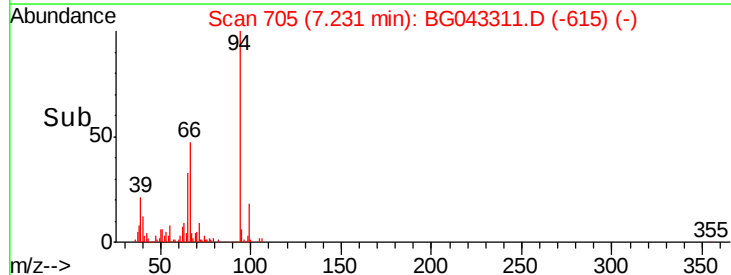
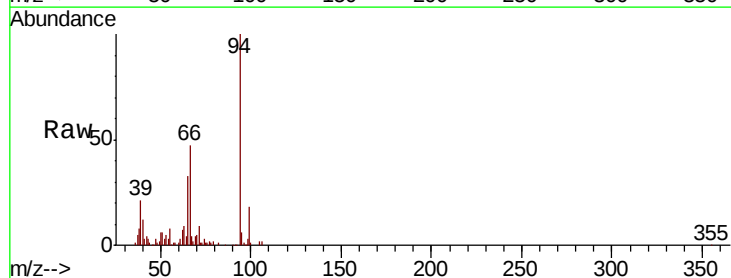
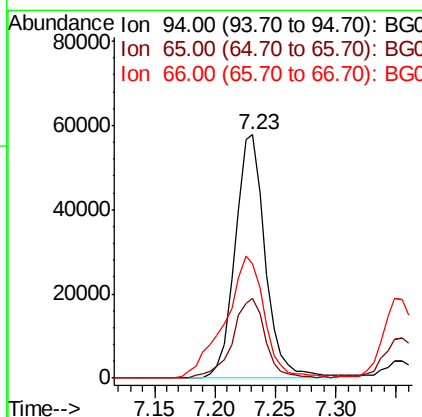
RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	94	Resp:	100910
Ion	Ratio	Lower	Upper
94	100		
65	32.7	11.1	51.1
66	47.2	27.8	67.8





#11

bis(2-Chloroethyl)ether

Concen: 44.665 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

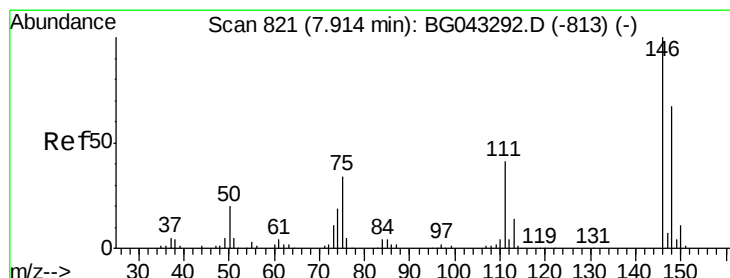
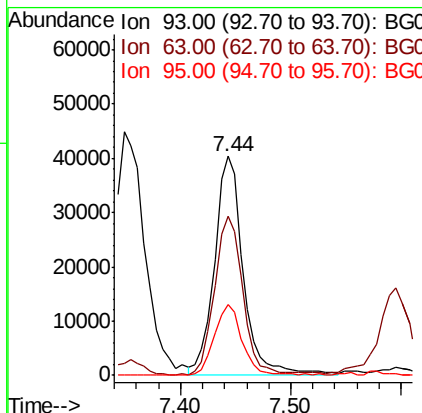
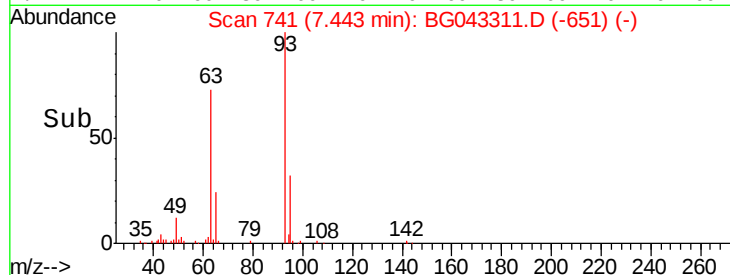
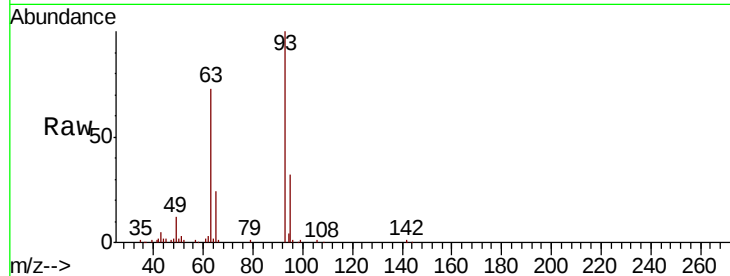
ClientSampleId :

PB124212BS

Tot Ion:	93	Resp:	73374
Ion	Ratio	Lower	Upper
93	100		
63	72.8	54.6	94.6
95	32.2	9.7	49.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.614 ng

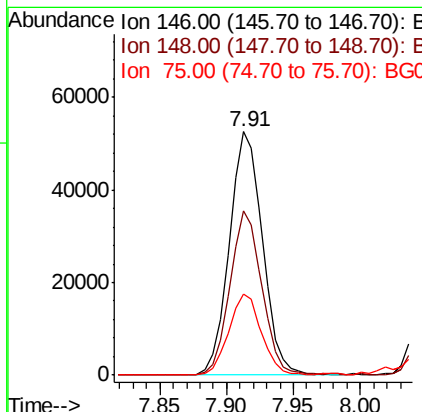
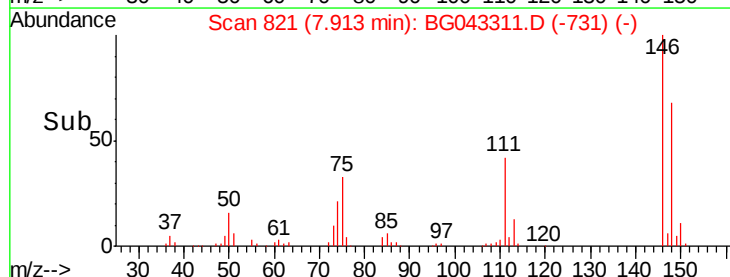
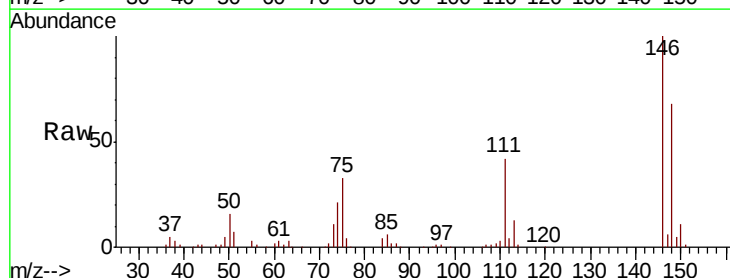
RT: 7.91 min Scan# 821

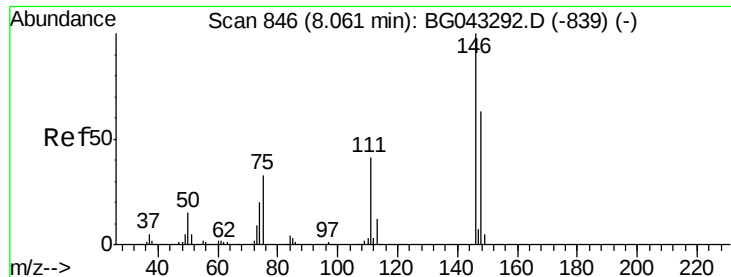
Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	146	Resp:	90782
Ion	Ratio	Lower	Upper
146	100		
148	67.5	53.4	80.2
75	33.2	27.0	40.4





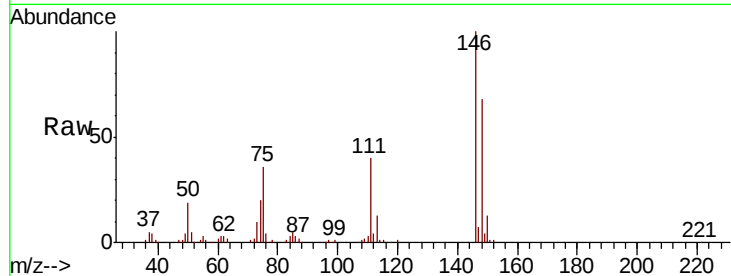
#13
1,4-Dichlorobenzene
Concen: 41.318 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	50.7	76.1
111	39.9	33.0	49.6

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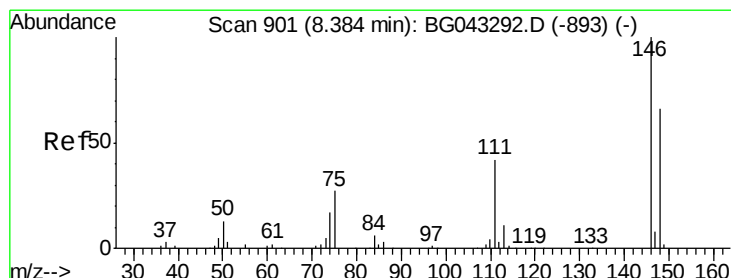
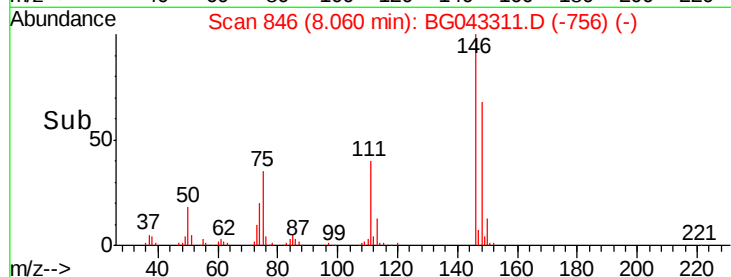
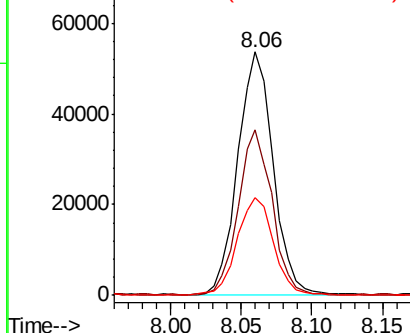


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.695 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

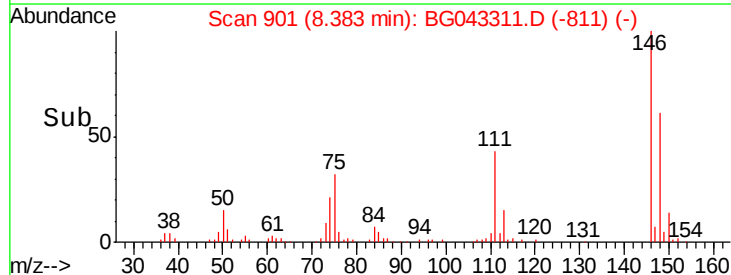
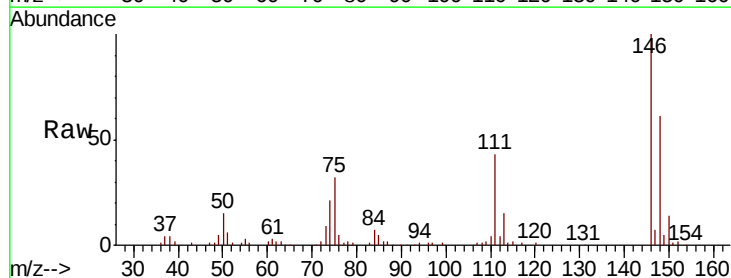
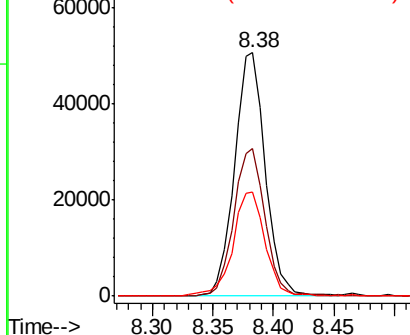
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	53.0	79.4
111	42.7	34.5	51.7

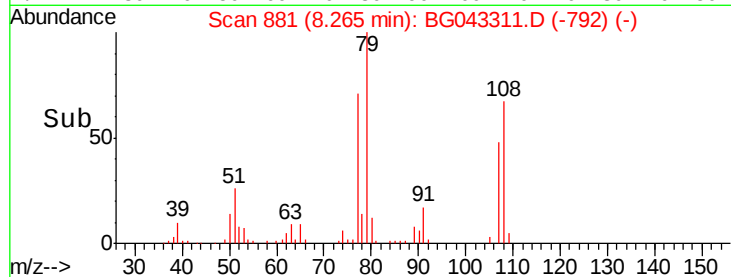
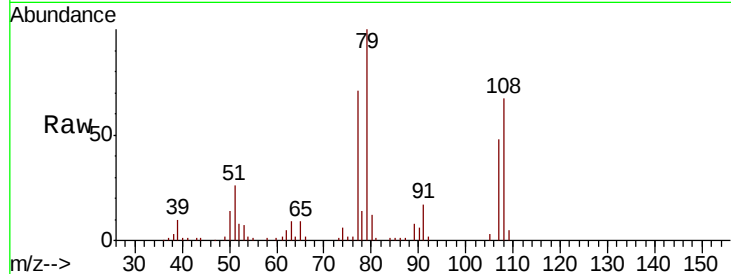
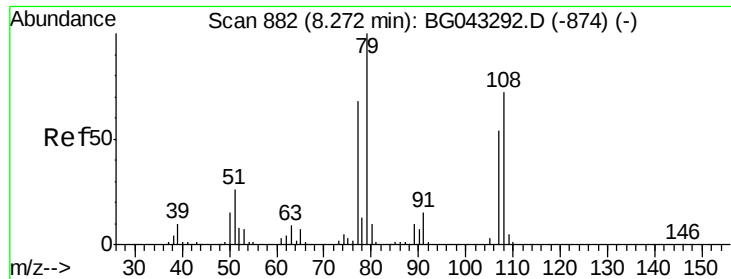
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





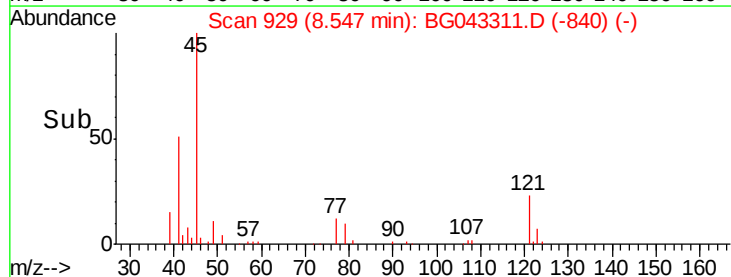
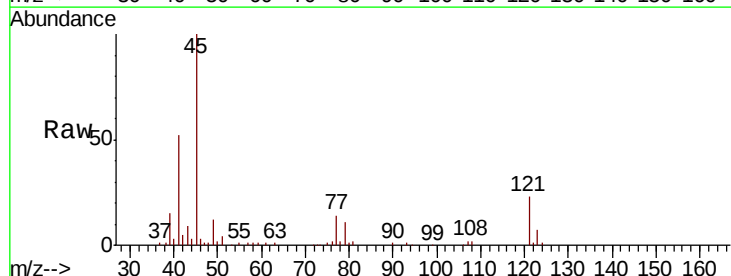
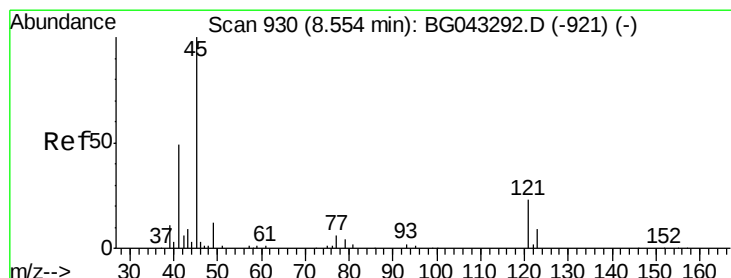
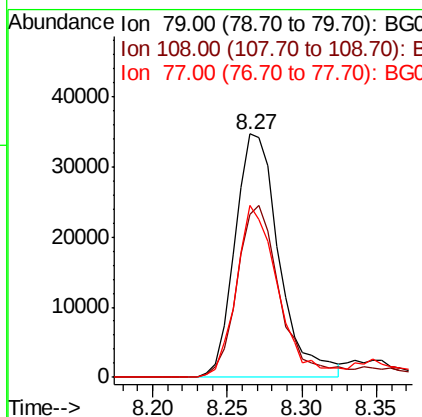
#15
Benzyl Alcohol
Concen: 43.691 ng
RT: 8.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.1	57.3	85.9
77	70.7	54.6	81.8

Instrument :
BNA_G
ClientSampleId :
PB124212BS

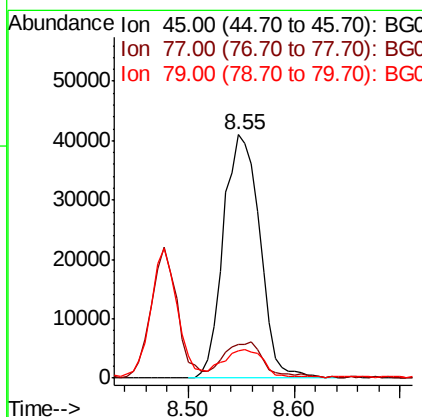
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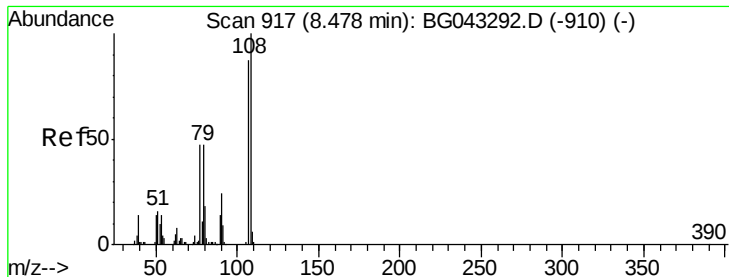
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.071 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	34.2
79	11.5	0.0	32.3





#17

2-Methylphenol

Concen: 45.312 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

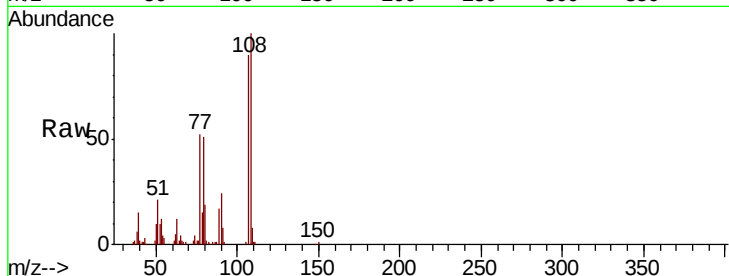
ClientSampleId :

PB124212BS

Tot Ion:	107	Resp:	70188
Ion Ratio	Lower	Upper	
107	100		
108	111.1	91.3	136.9
77	57.8	43.0	64.6
79	56.9	43.4	65.2

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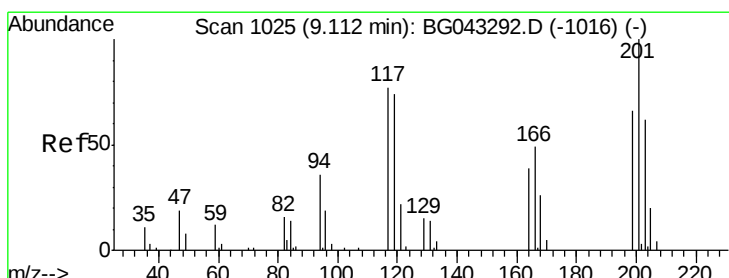
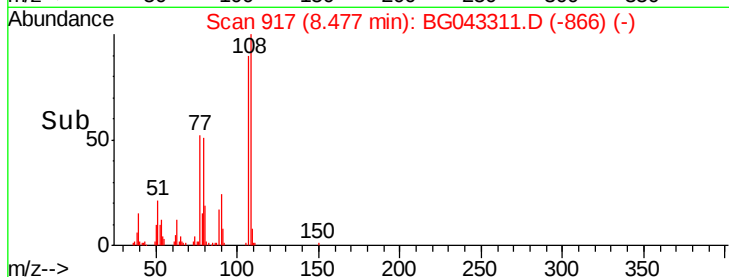
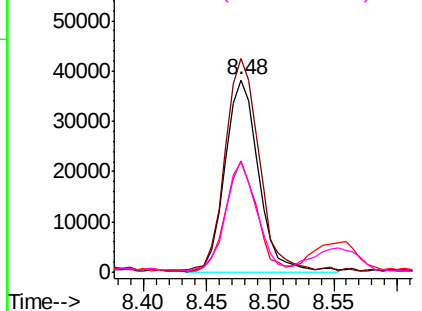
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.047 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

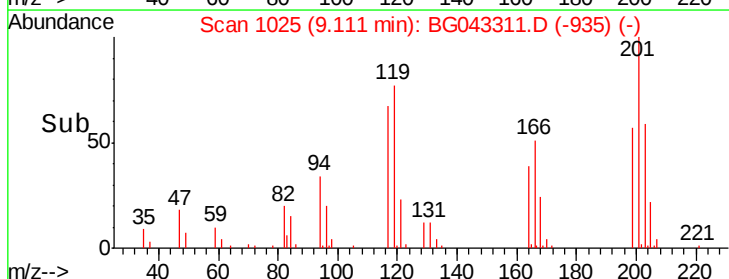
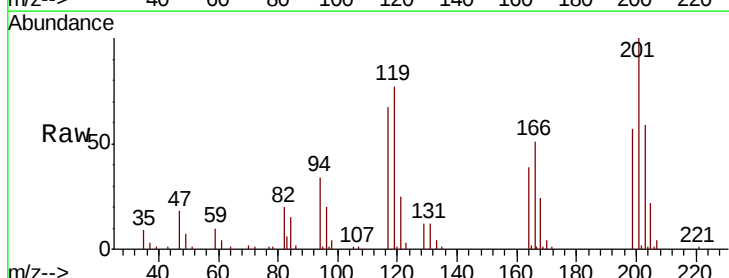
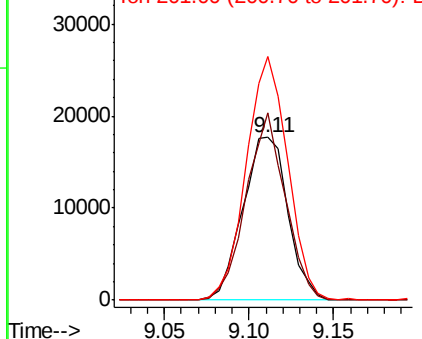
Tgt Ion:	117	Resp:	32676
Ion Ratio	Lower	Upper	
117	100		
119	115.3	77.3	115.9
201	149.8	104.2	156.4

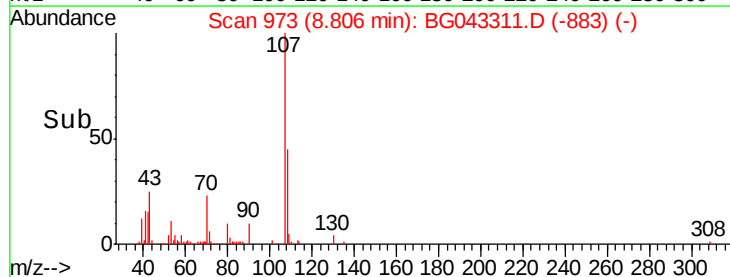
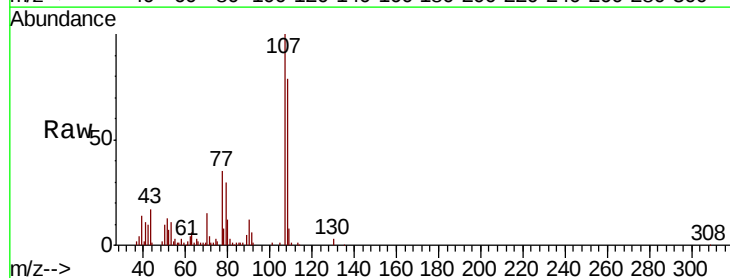
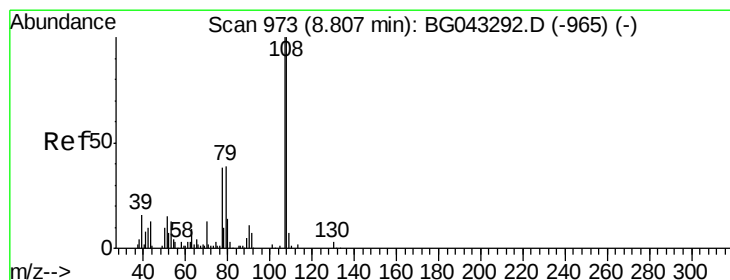
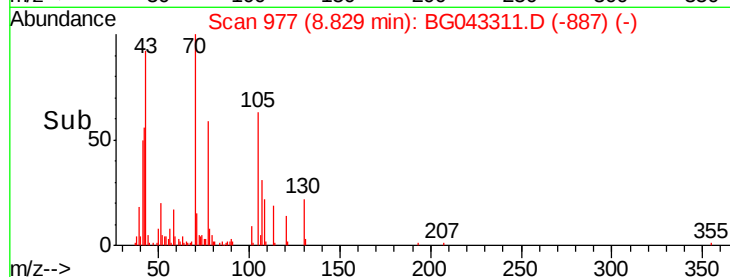
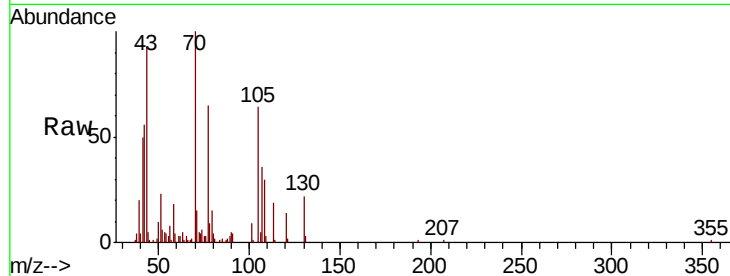
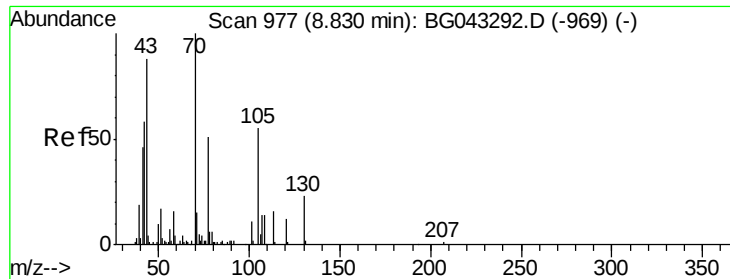
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





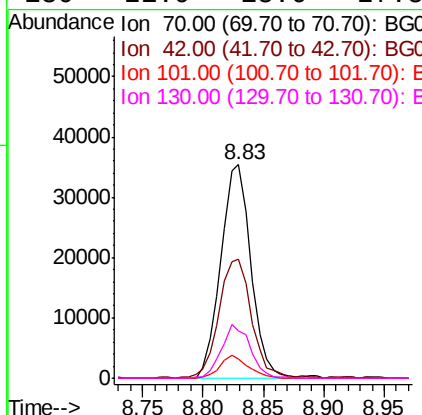
#19
n-Nitroso-di-n-propylamine
Concen: 40.957 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	46.2	69.2	
101	9.0	8.6	13.0	
130	21.9	18.6	27.8	

Instrument :
BNA_G
ClientSampleId :
PB124212BS

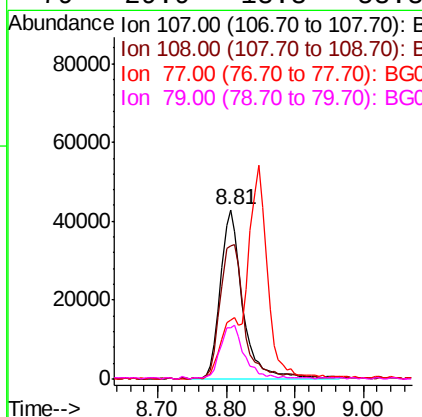
Manual Integrations
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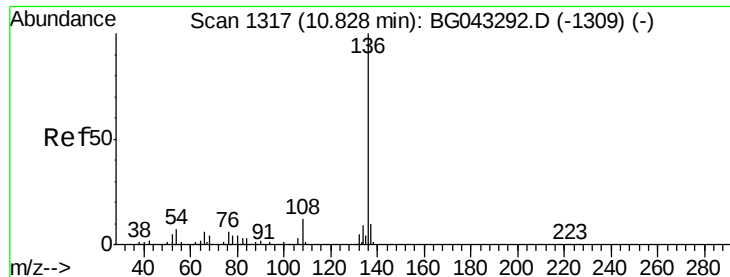
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#20
3+4-Methylphenols
Concen: 45.766 ng m
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	78.6	80.3	120.3#	
77	34.6	18.2	58.2	
79	29.9	18.8	58.8	





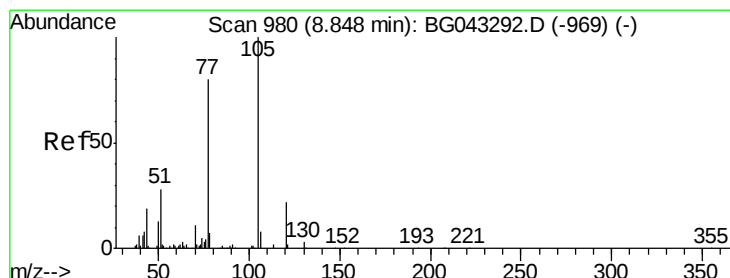
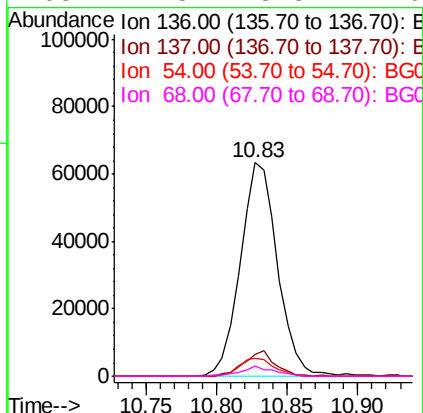
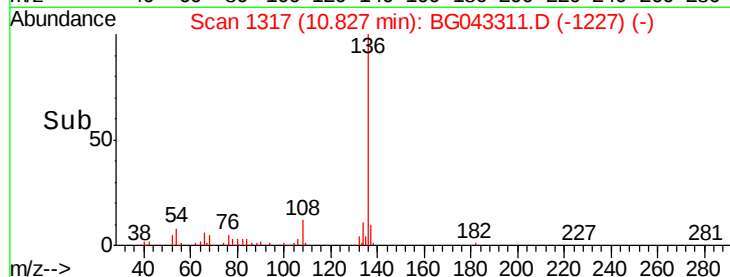
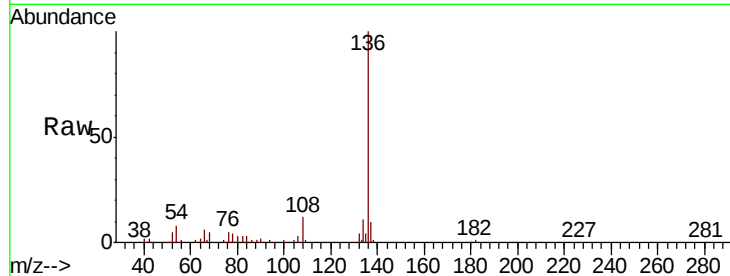
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.2	12.2	
54	8.3	5.4	8.2#	
68	4.8	3.3	4.9	

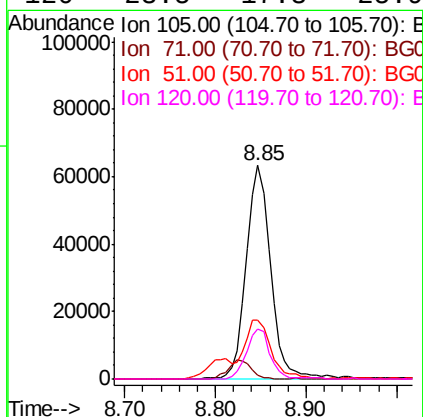
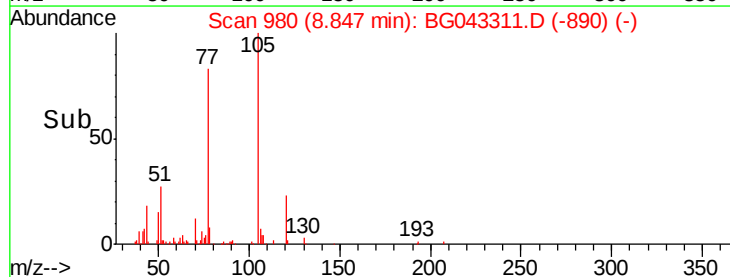
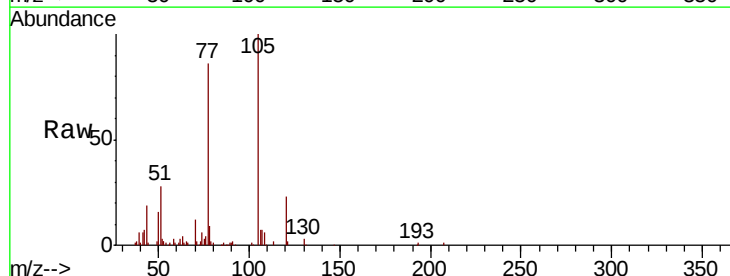
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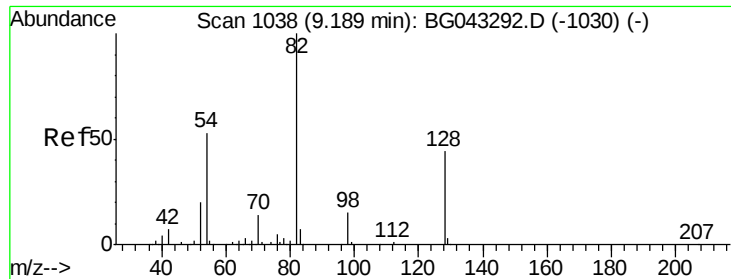
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#22
Acetophenone
Concen: 40.009 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	1.5	2.3	
51	27.8	23.9	35.9	
120	23.5	17.3	25.9	





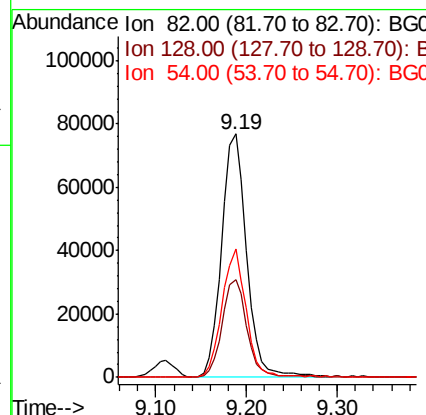
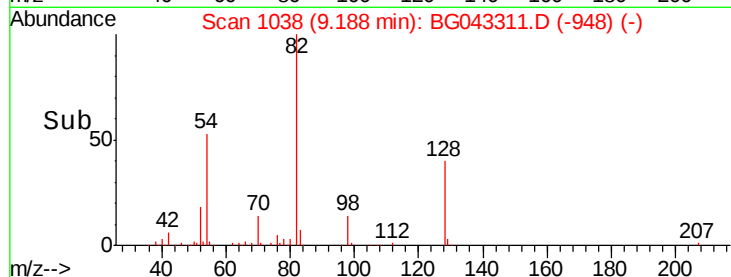
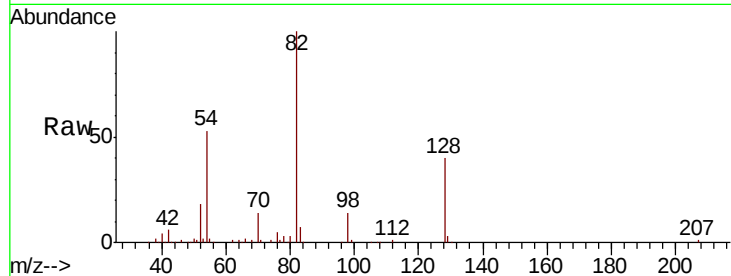
#23
Nitrobenzene-d5
Concen: 64.515 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.3	52.9
54	52.9	42.3	63.5

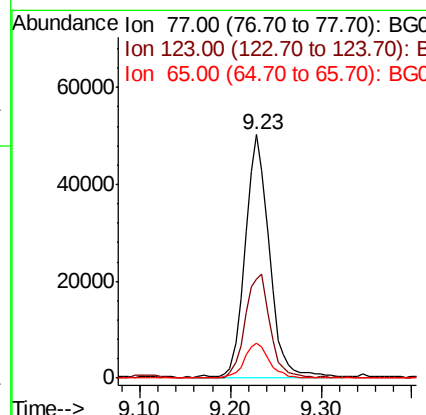
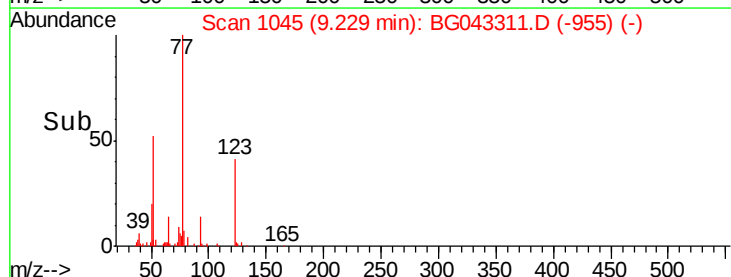
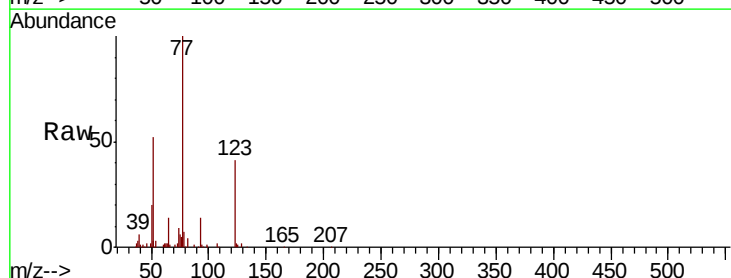
Manual Integrations
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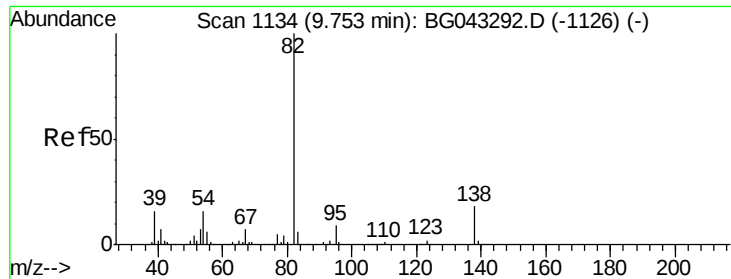
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#24
Nitrobenzene
Concen: 43.673 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.8	50.8
65	14.5	13.0	19.4





#25

Isophorone

Concen: 42.951 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

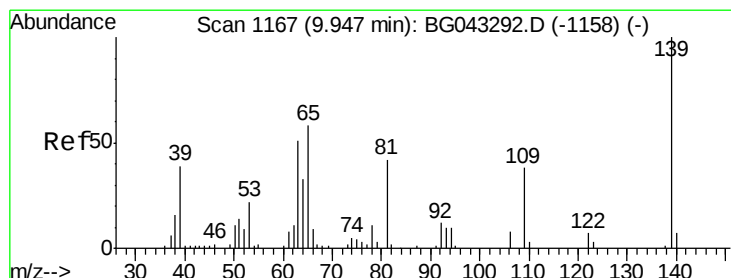
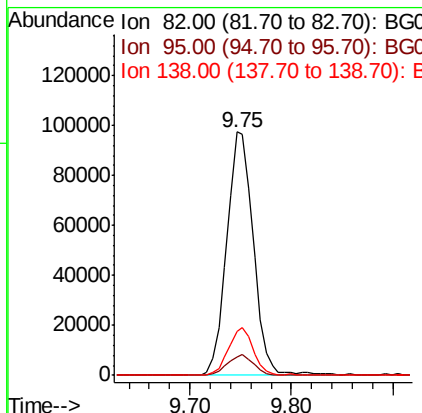
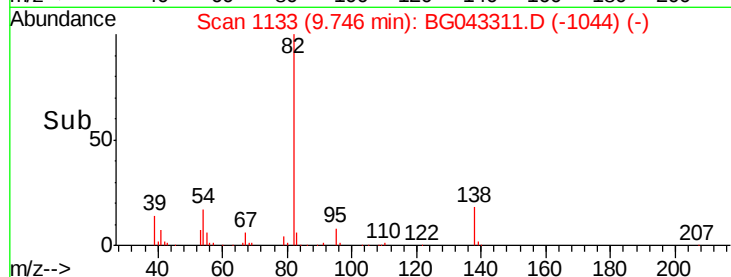
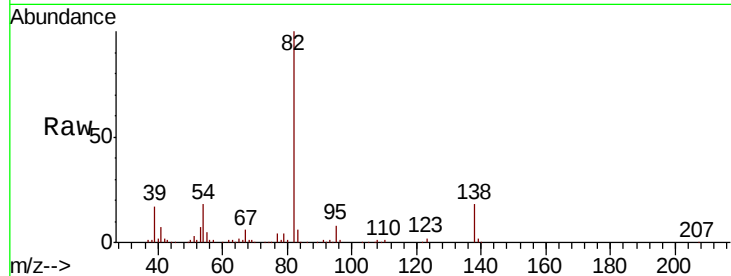
ClientSampleId :

PB124212BS

Tot Ion:	82	Resp:	177397
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.9	10.3
138	17.9	14.2	21.2

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#26

2-Nitrophenol

Concen: 46.166 ng

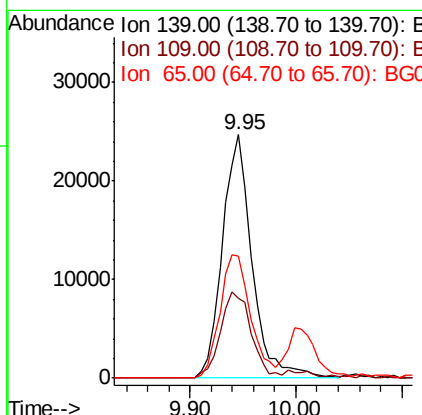
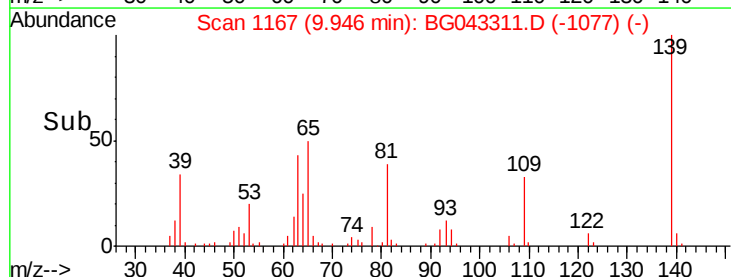
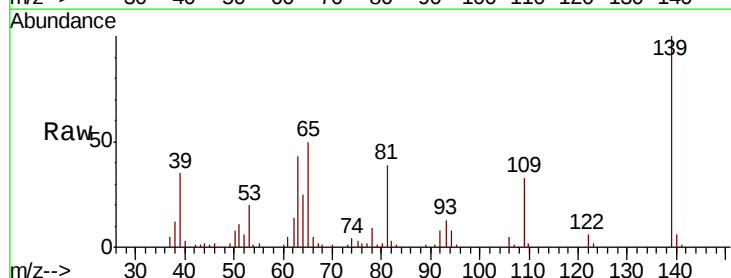
RT: 9.95 min Scan# 1167

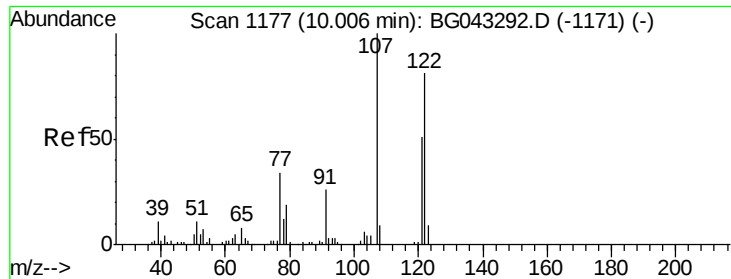
Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	139	Resp:	47965
Ion Ratio	Lower	Upper	
139	100		
109	32.9	30.1	45.1
65	50.1	46.1	69.1





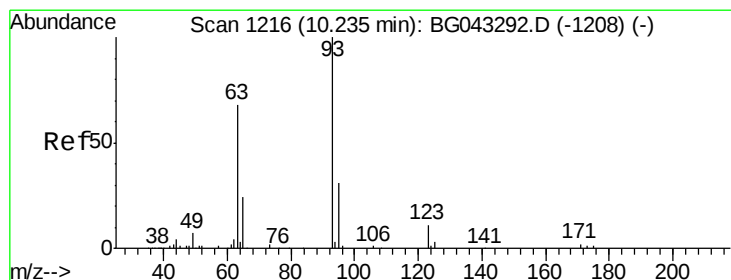
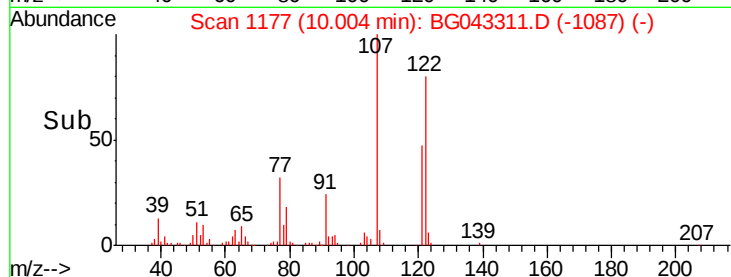
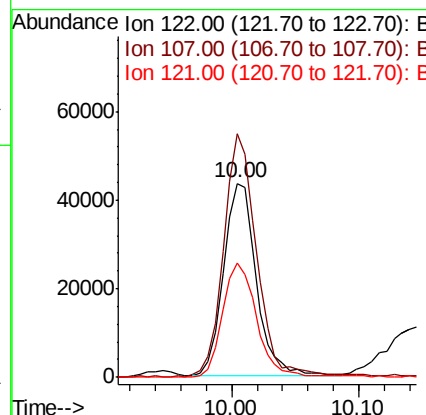
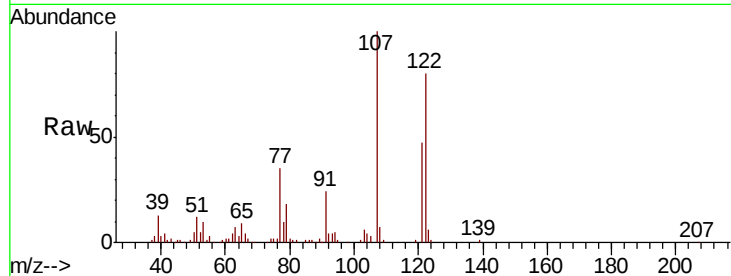
#27
2,4-Dimethylphenol
Concen: 52.431 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.7	98.6	147.8
121	58.9	50.1	75.1

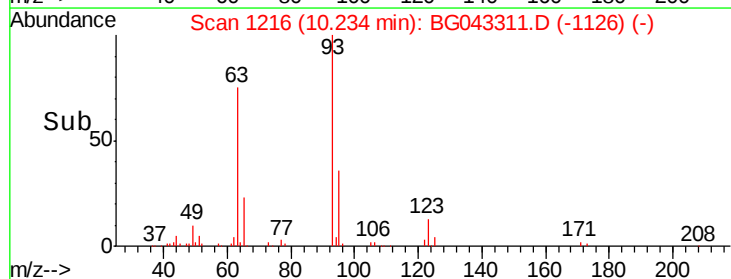
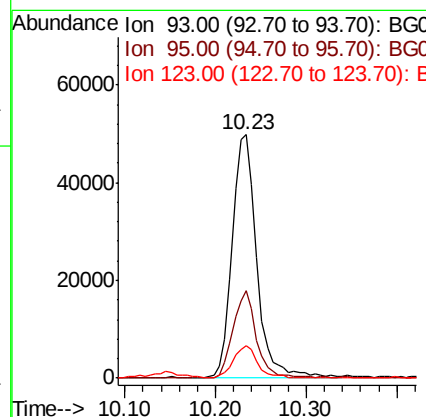
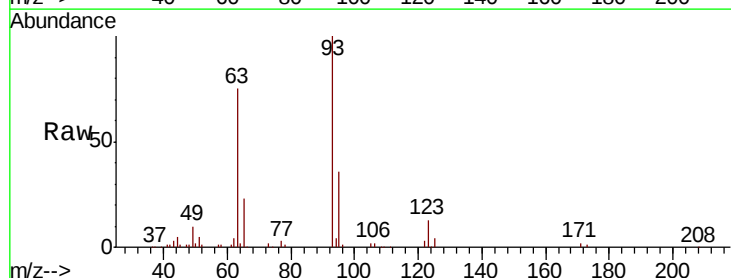
Manual Integrations
APPROVED

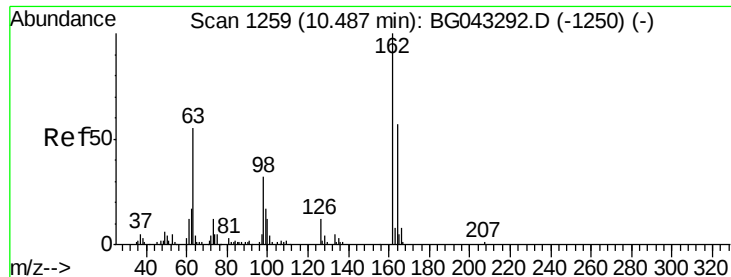
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.565 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.9	24.9	37.3
123	13.2	8.9	13.3





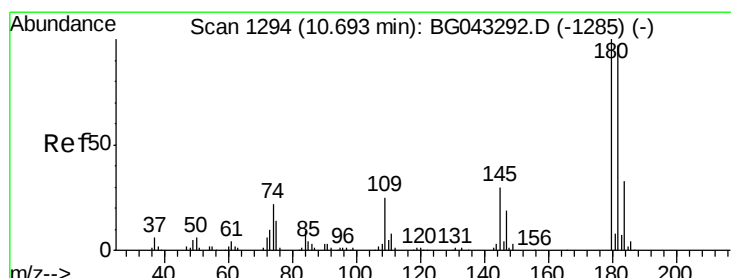
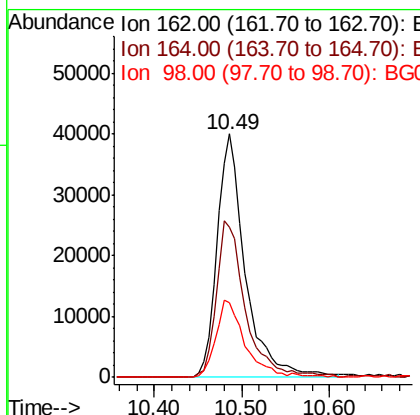
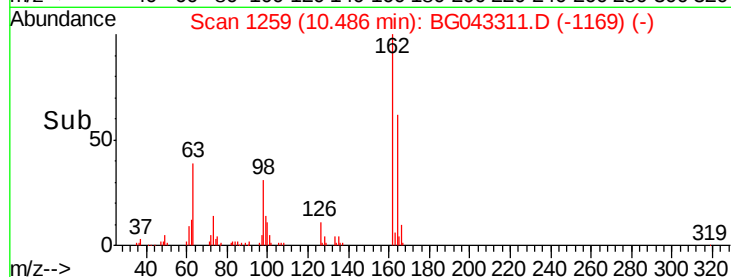
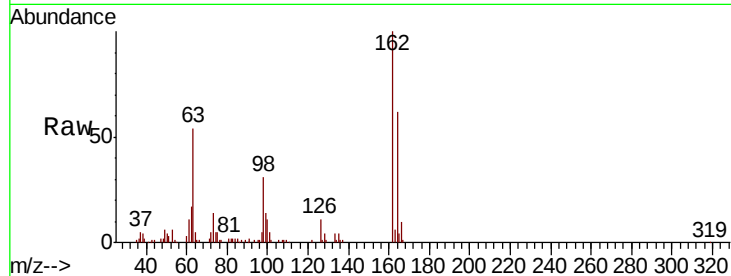
#29
2,4-Dichlorophenol
Concen: 46.598 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	37.3	77.3
98	30.5	11.8	51.8

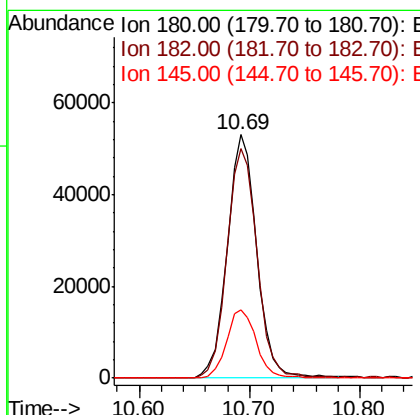
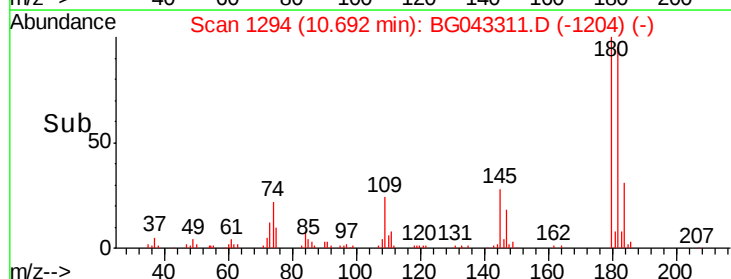
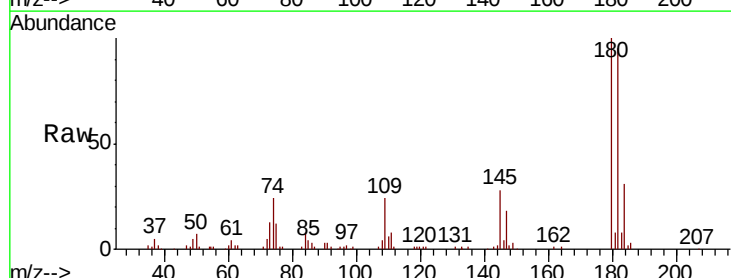
Manual Integrations
APPROVED

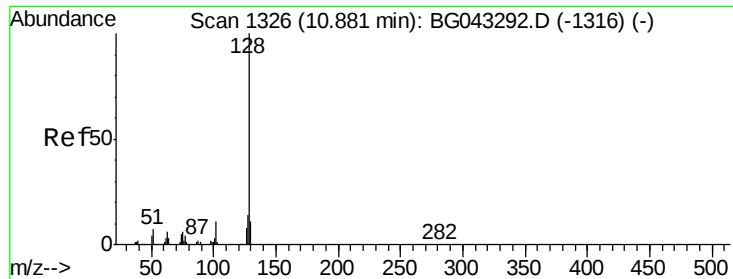
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#30
1,2,4-Trichlorobenzene
Concen: 41.296 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.8	116.8
145	28.1	23.6	35.4





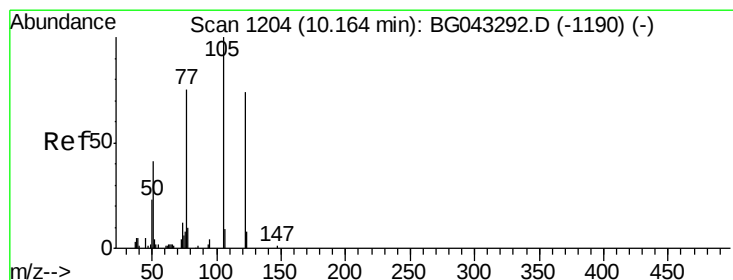
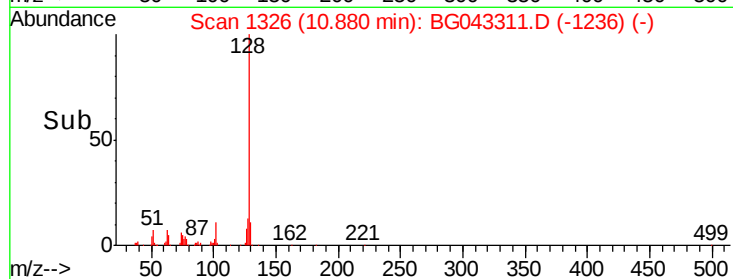
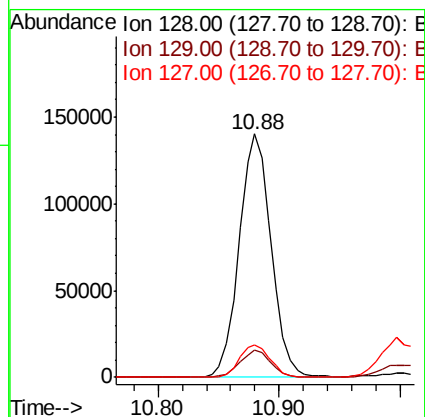
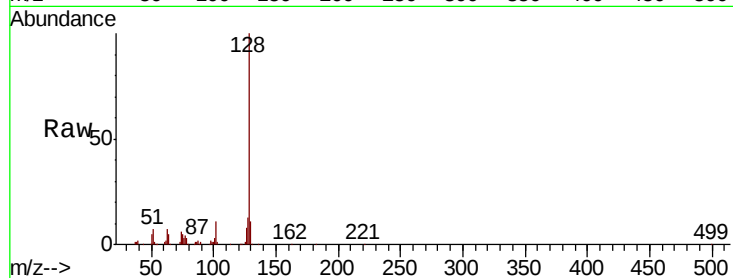
#31
Naphthalene
Concen: 43.676 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion:	128	Resp:	258201
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	13.1	11.5	17.3

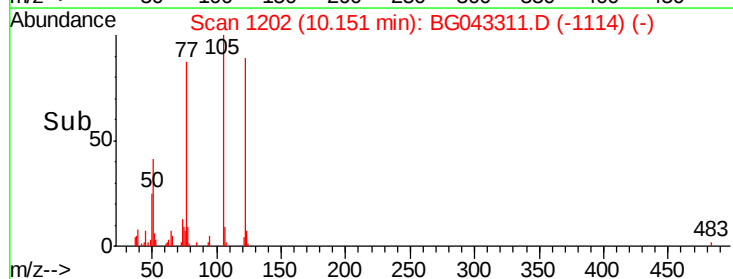
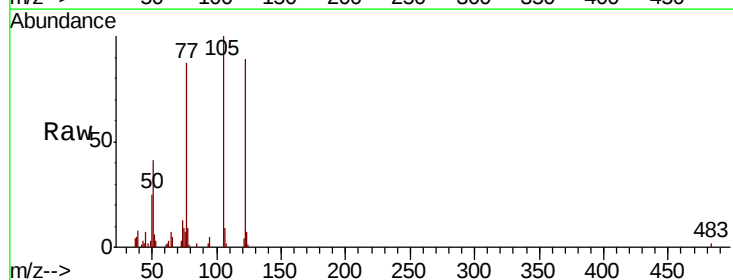
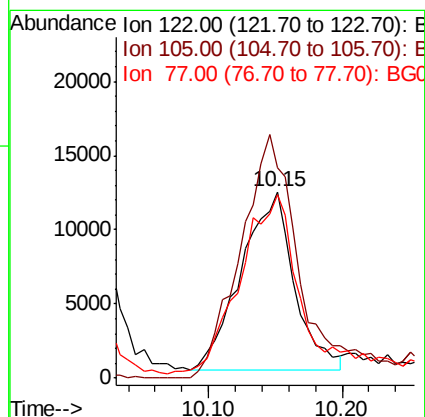
Manual Integrations
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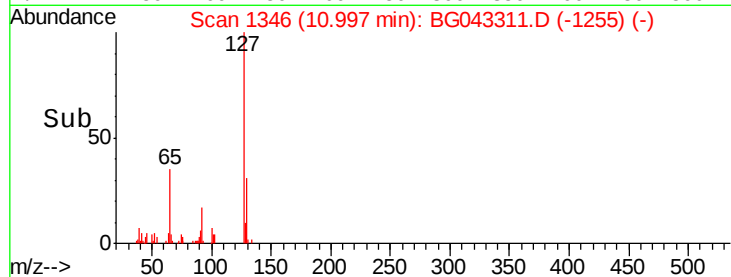
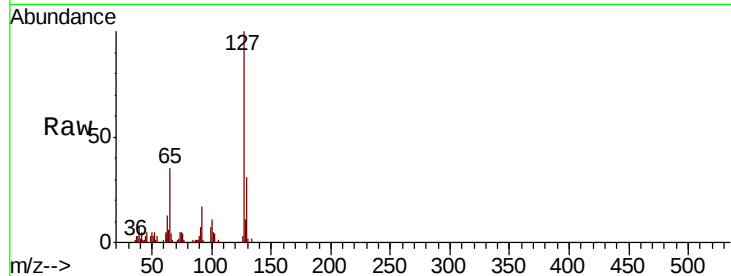
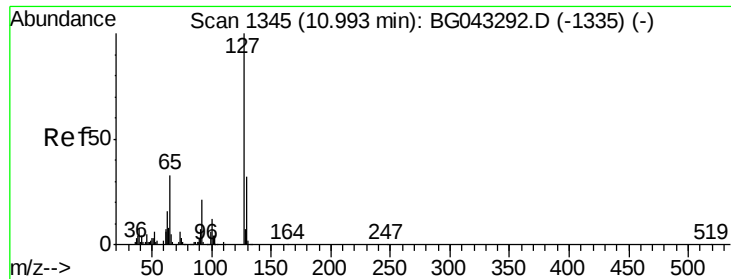
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#32
Benzoic acid
Concen: 32.566 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion:	122	Resp:	32952
Ion Ratio	Lower	Upper	
122	100		
105	112.9	112.4	152.4
77	98.4	82.7	122.7





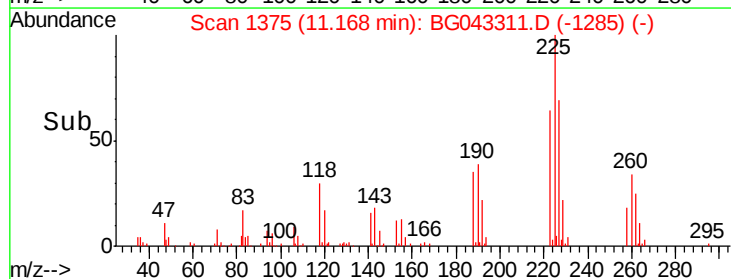
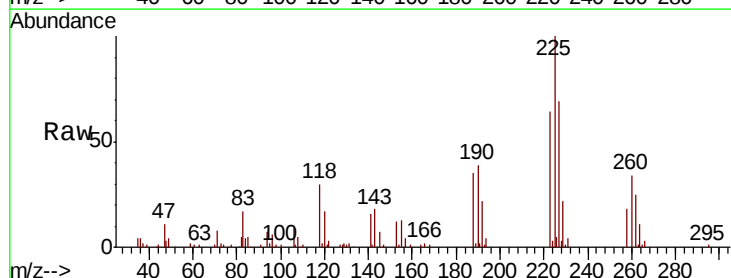
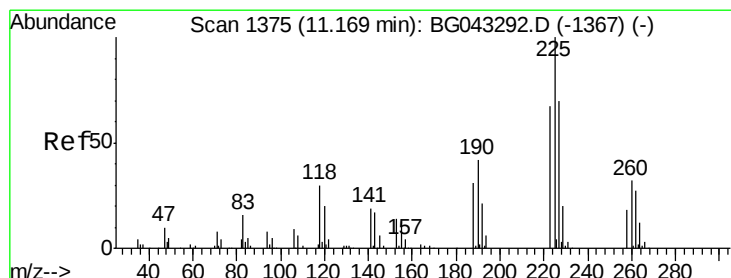
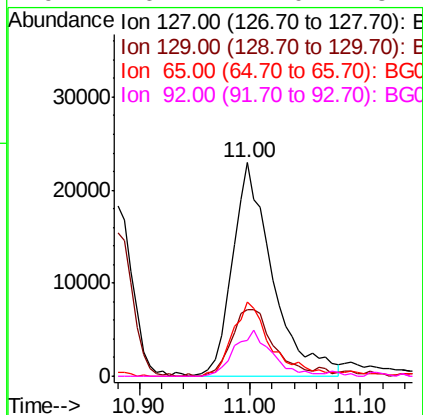
#33
4-Chloroaniline
Concen: 24.125 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	35.0	26.2	39.2
92	16.7	17.0	25.4

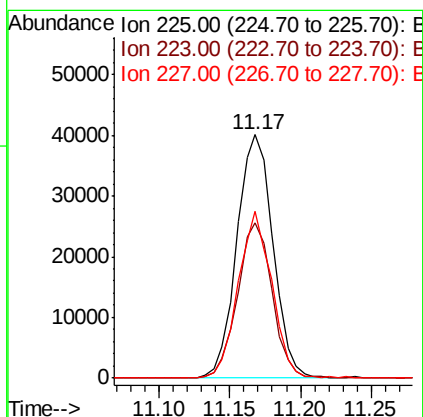
Manual Integrations
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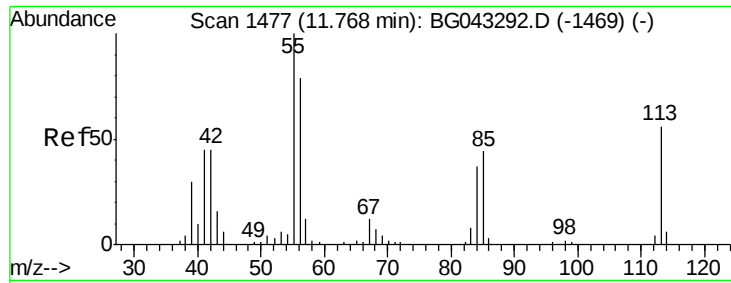
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#34
Hexachlorobutadiene
Concen: 40.308 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.2	79.8
227	68.5	56.2	84.2





#35

Caprolactam

Concen: 46.759 ng/mL

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleID :

PB124212BS

Tot Ion: 113 Resp: 30726

Ion Ratio Lower Upper

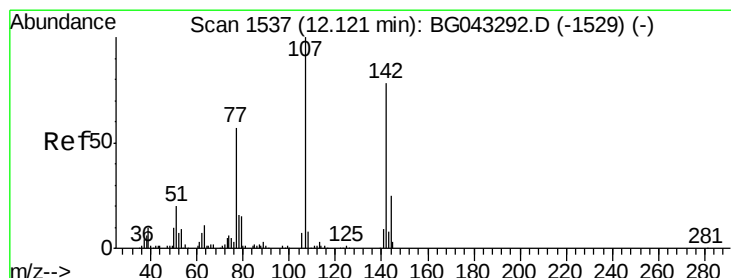
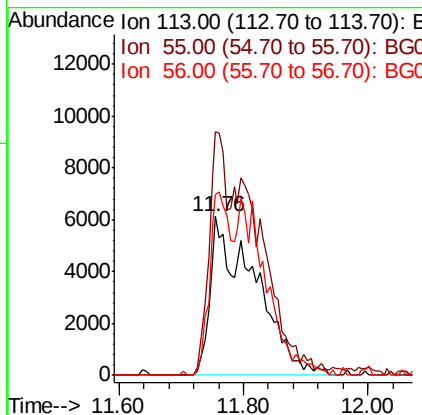
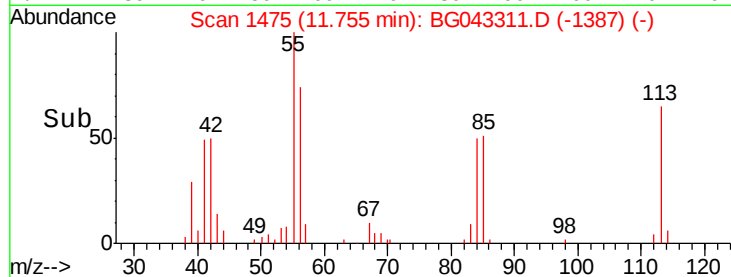
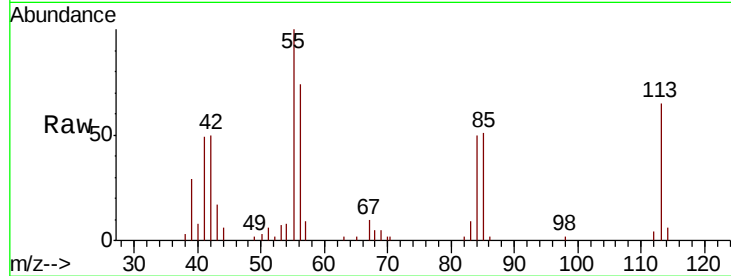
113 100

55 153.4 158.9 198.9#

56 114.0 121.4 161.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 45.357 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

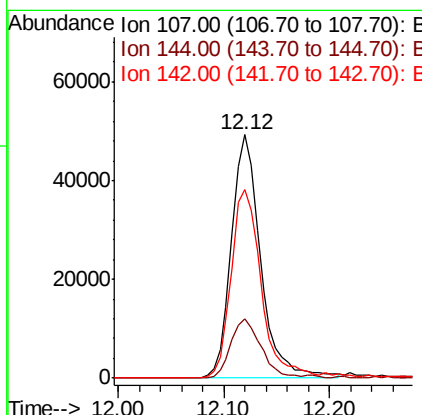
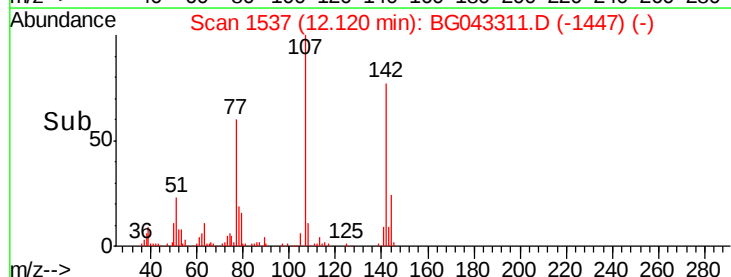
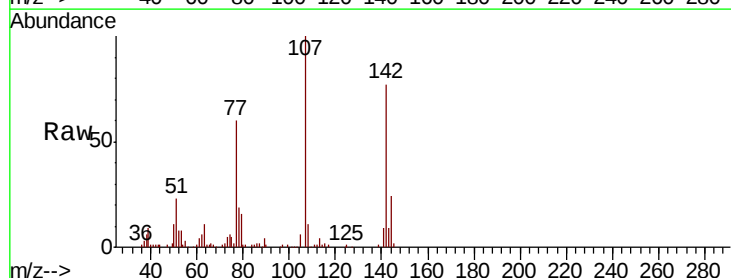
Tgt Ion: 107 Resp: 94398

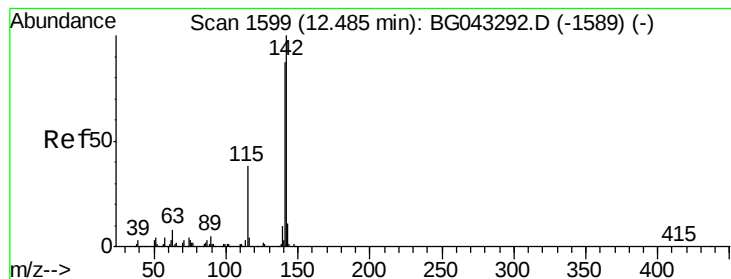
Ion Ratio Lower Upper

107 100

144 24.5 19.9 29.9

142 77.3 62.1 93.1





#37

2-Methylnaphthalene

Concen: 44.318 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

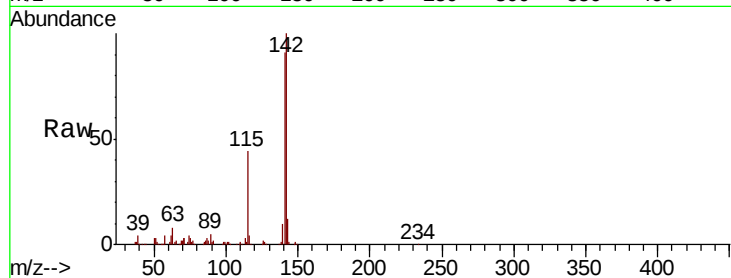
ClientSampleId :

PB124212BS

Tot Ion:	142	Resp:	201027
Ion Ratio	Lower	Upper	
142	100		
141	91.1	69.7	104.5
115	44.0	30.6	46.0

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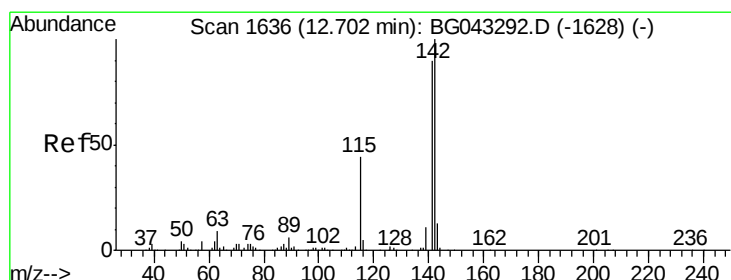
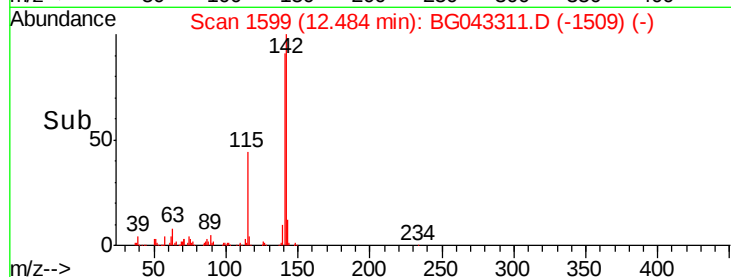
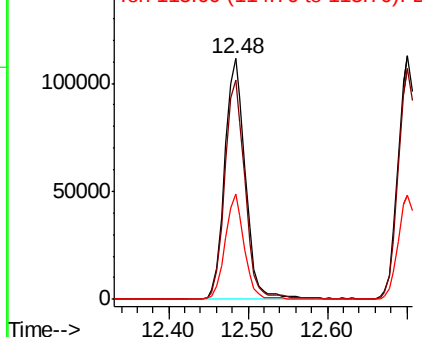


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.843 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

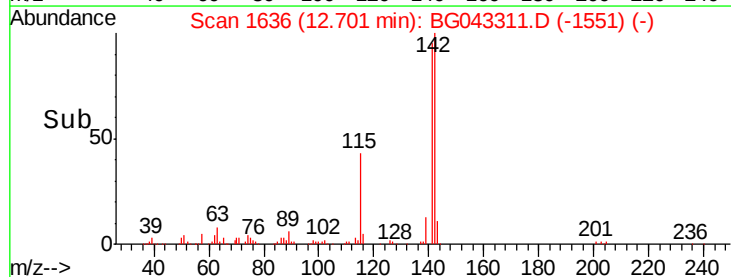
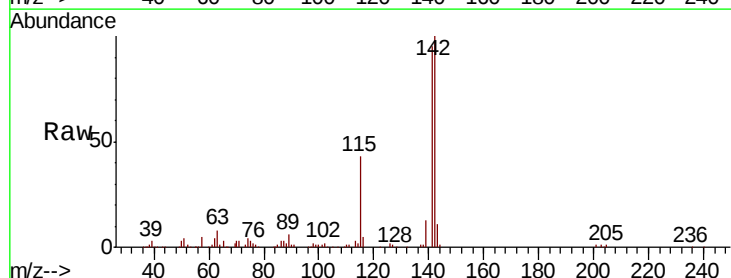
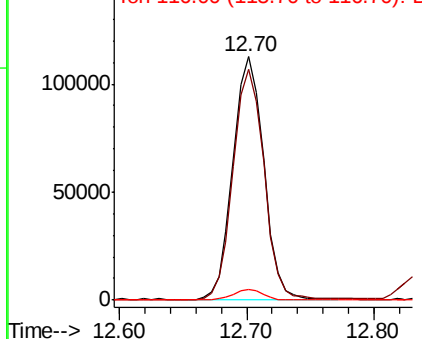
Tgt Ion:	142	Resp:	189223
Ion Ratio	Lower	Upper	
142	100		
141	94.8	72.3	108.5
116	4.5	3.8	5.6

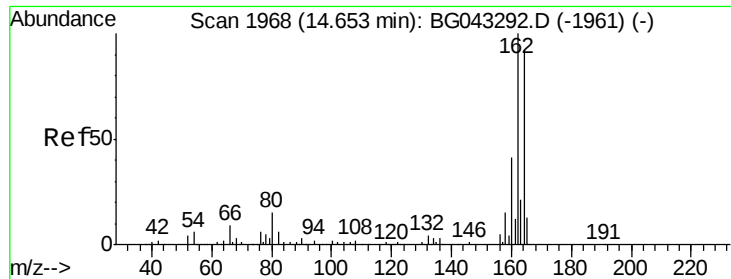
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





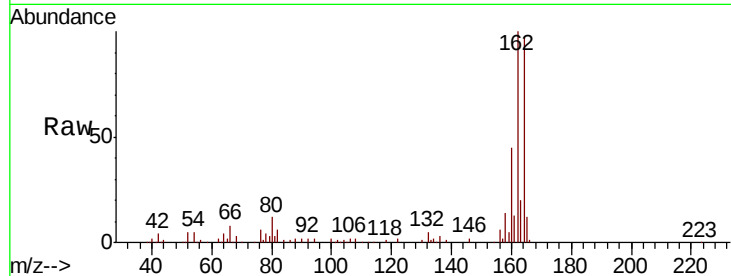
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.0	130.4
160	46.0	35.5	53.3

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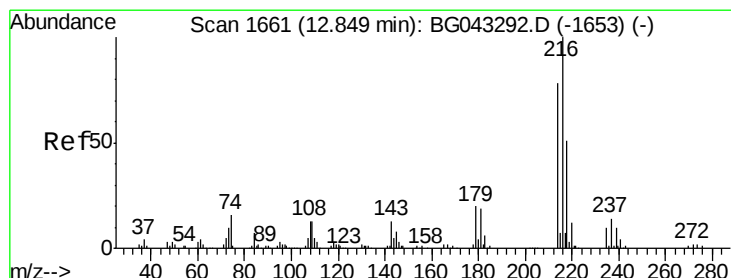
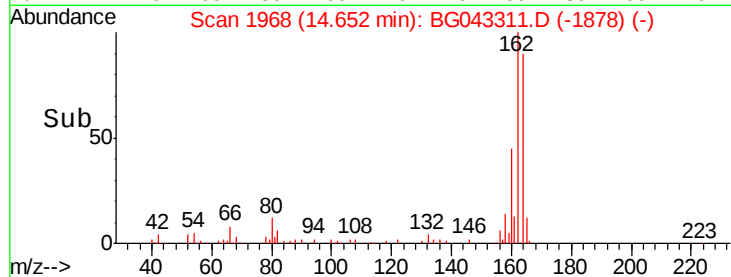
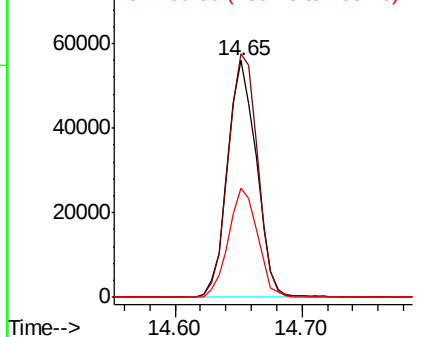


Abundance

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: 39.114 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.5	95.3
179	19.3	16.2	24.2
108	16.7	11.2	16.8

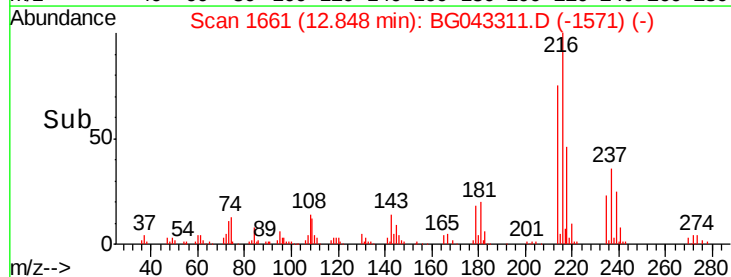
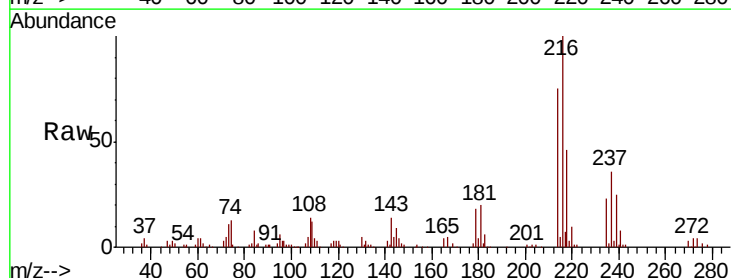
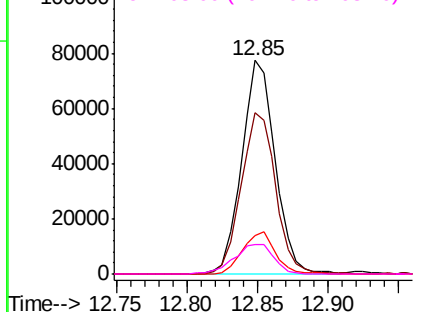
Abundance

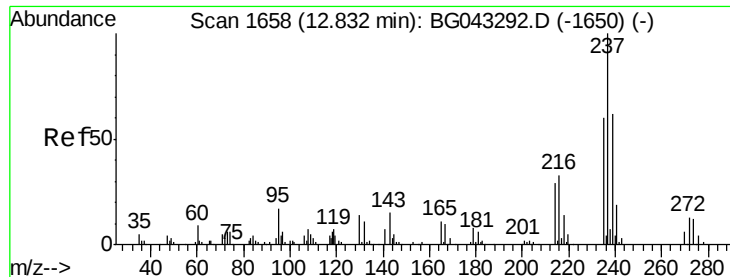
Ion 216.00 (215.70 to 216.70): E

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: 86.728 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

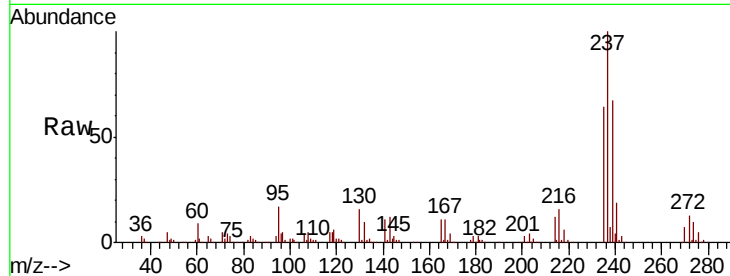
ClientSampleId :

PB124212BS

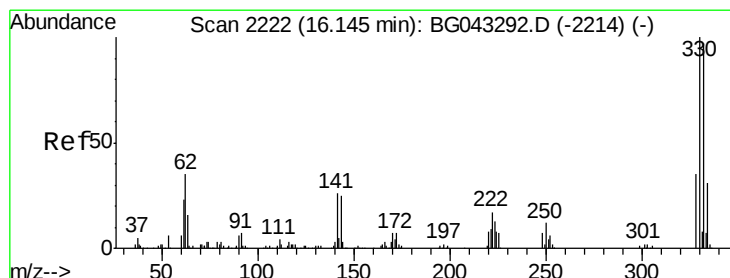
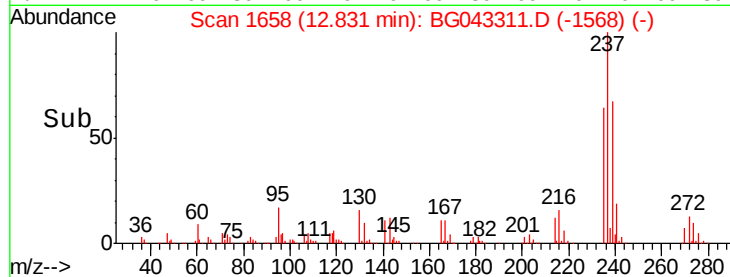
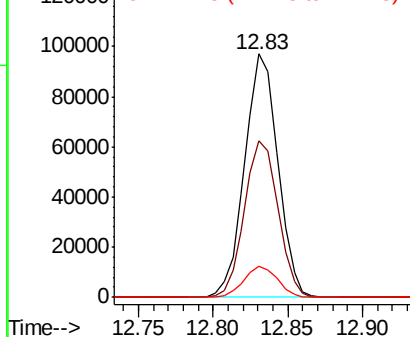
Tot Ion:	237	Resp:	148985
Ion Ratio		Lower	Upper
237	100		
235	64.4	40.3	80.3
272	12.6	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 120.555 ng

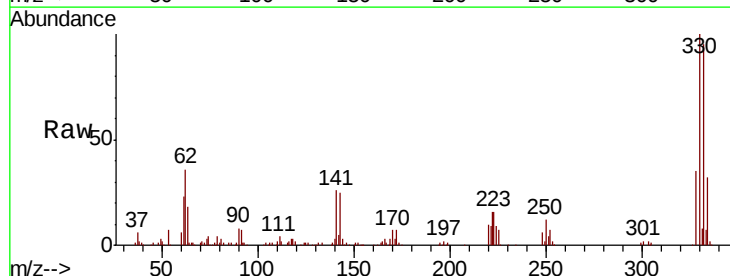
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

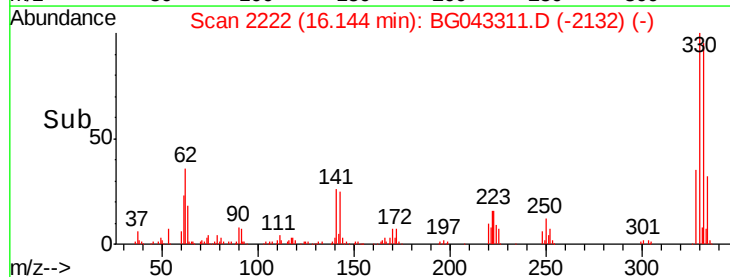
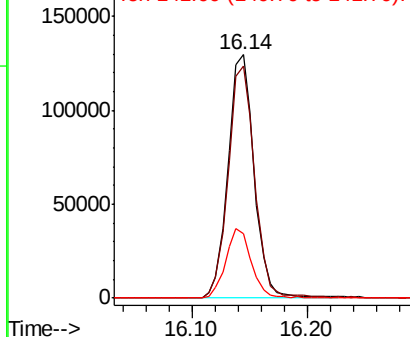
Lab File: BG043311.D

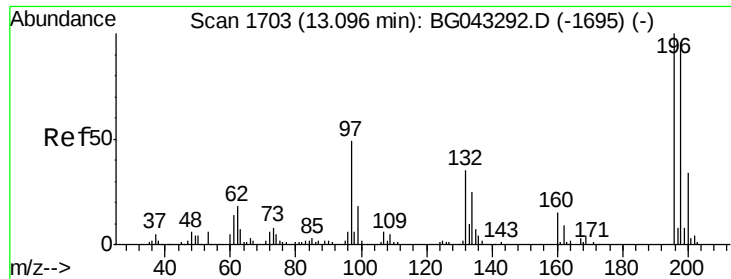
Acq: 23 Oct 2019 16:45

Tgt Ion:	330	Resp:	202719
Ion Ratio		Lower	Upper
330	100		
332	96.8	76.4	114.6
141	27.9	21.4	32.0



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





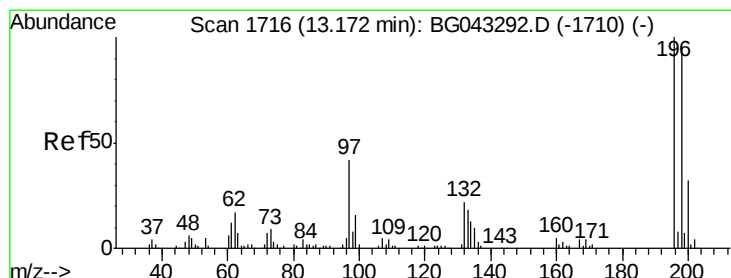
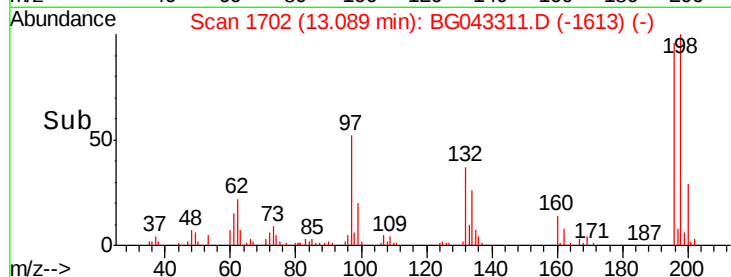
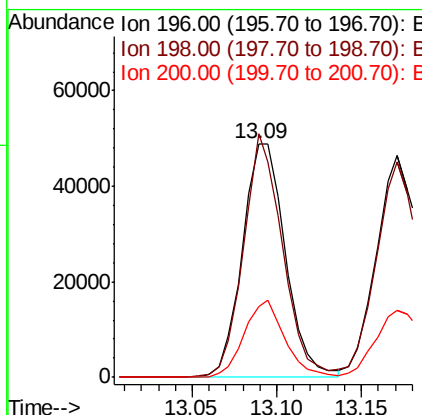
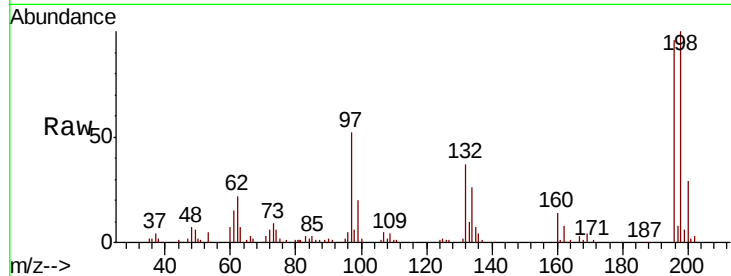
#43
 2,4,6-Trichlorophenol
 Concen: 45.020 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	86701		
198	104.2	77.0	115.4	
200	30.4	27.4	41.2	

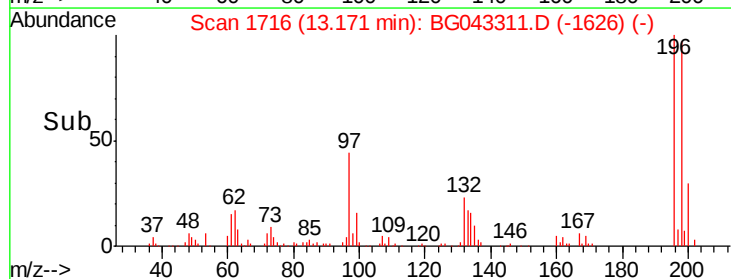
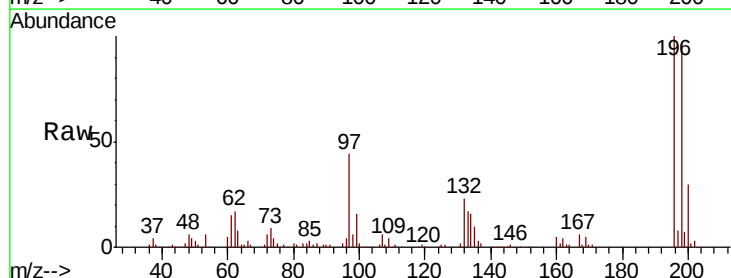
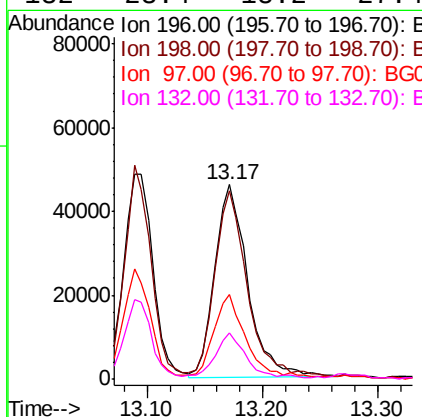
Manual Integrations
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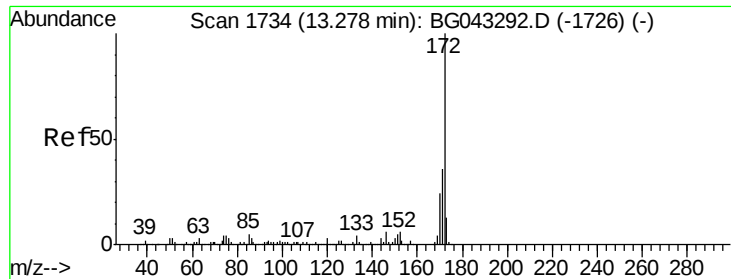
mohammad
 10/24/2019 2:11:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.011 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91530		
198	97.2	76.6	114.8	
97	43.8	34.1	51.1	
132	23.4	18.2	27.4	





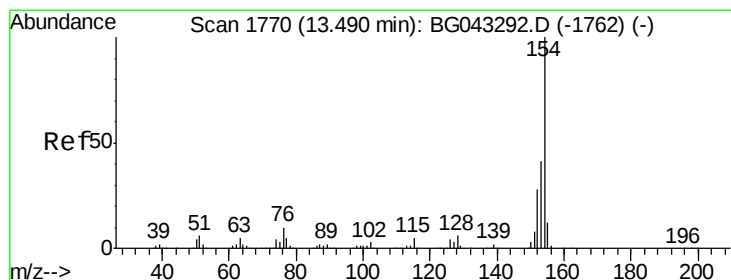
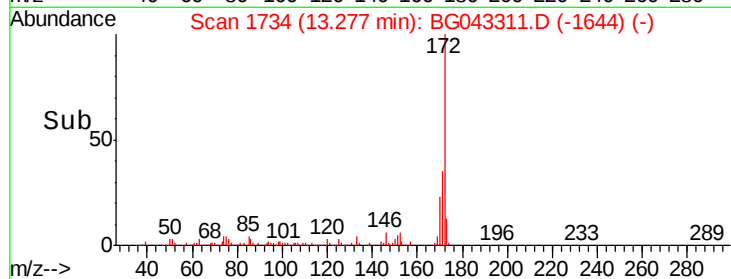
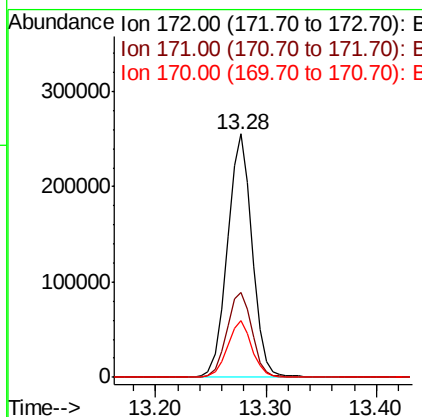
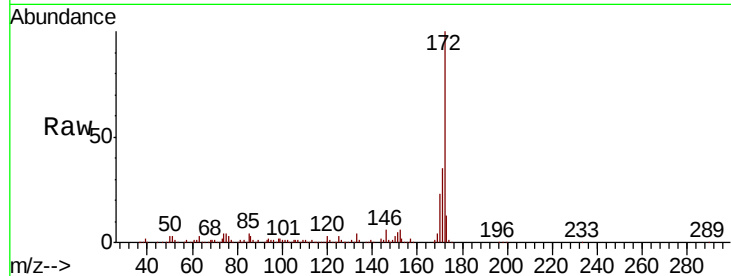
#45
 2-Fluorobiphenyl
 Concen: 62.485 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.2	18.8	28.2

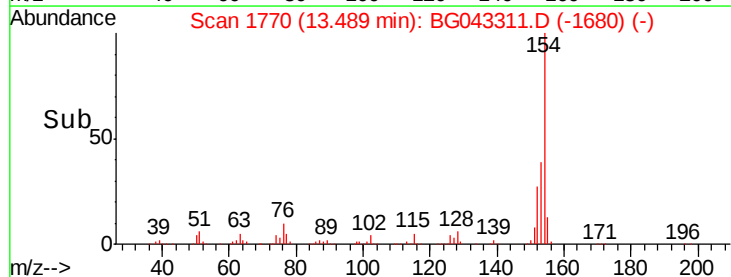
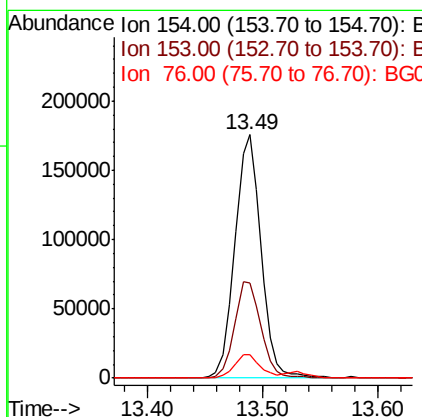
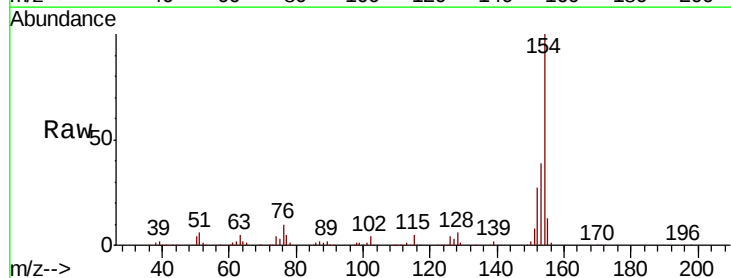
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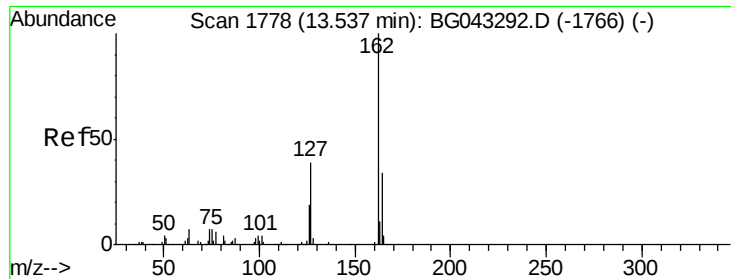
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#46
 1,1'-Biphenyl
 Concen: 40.873 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.0	61.0
76	9.8	0.0	29.8





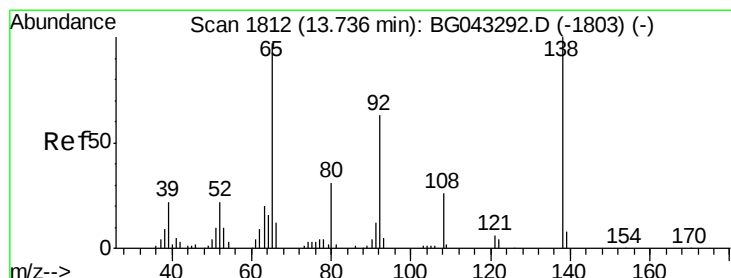
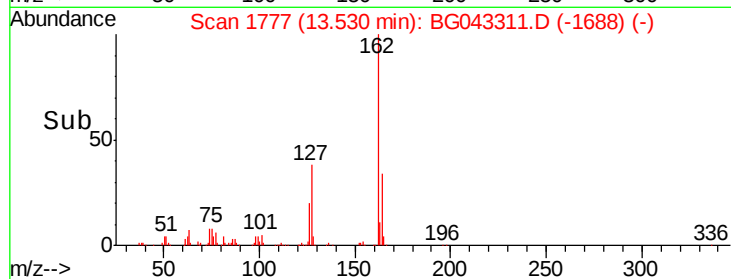
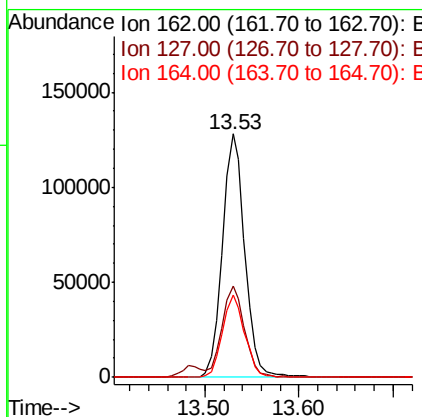
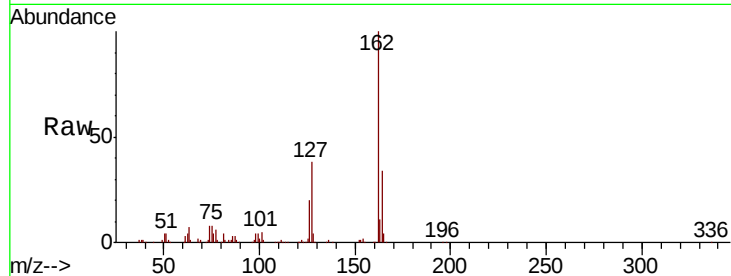
#47
2-Chloronaphthalene
Concen: 41.480 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.3	46.9
164	33.8	26.8	40.2

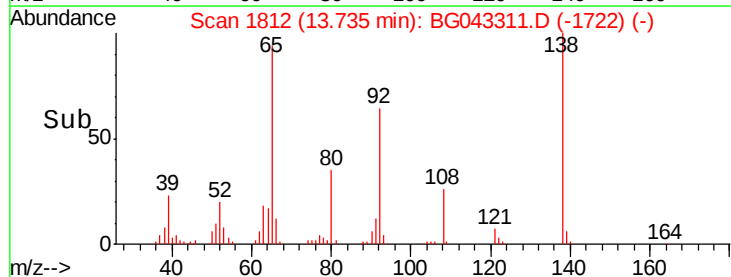
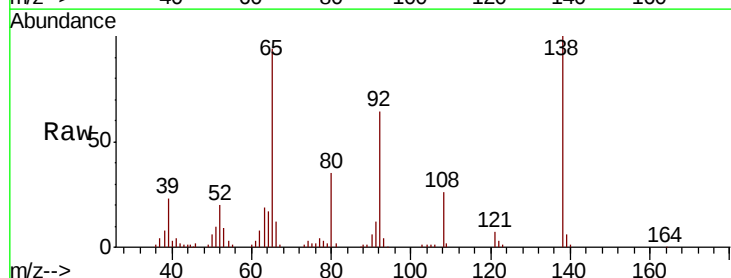
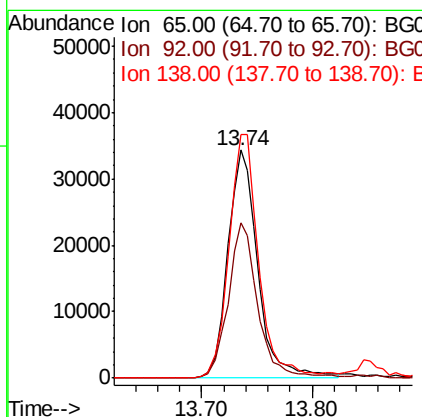
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#48
2-Nitroaniline
Concen: 42.788 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	52.6	79.0
138	106.8	82.9	124.3





#49

Acenaphthylene

Concen: 44.336 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

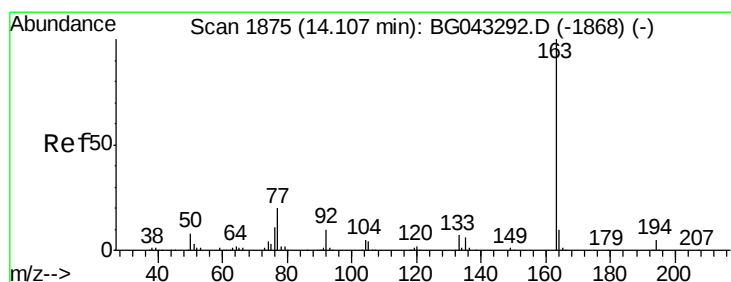
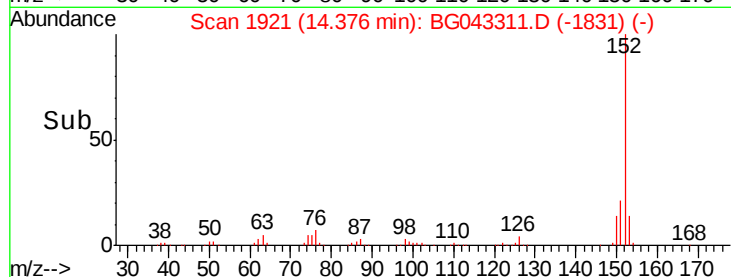
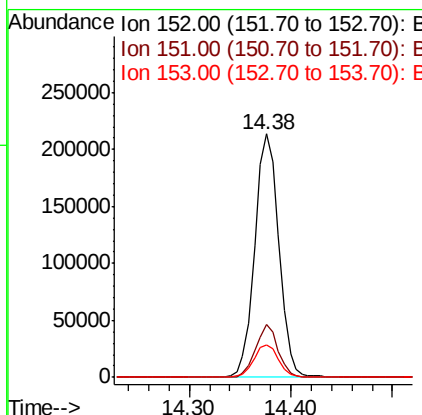
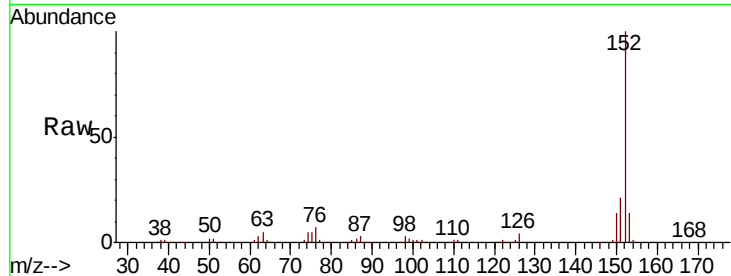
ClientSampleId :

PB124212BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		352931		
151	21.5	17.2	25.8		
153	13.5	11.0	16.6		

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#50

Dimethylphthalate

Concen: 43.397 ng

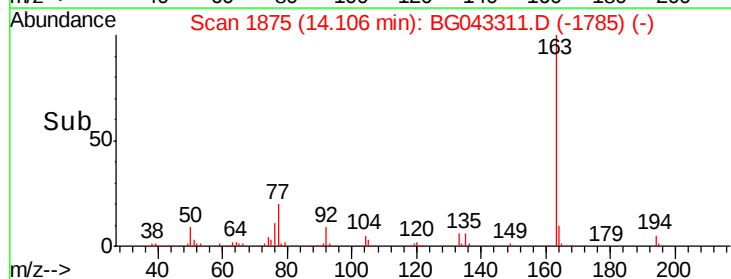
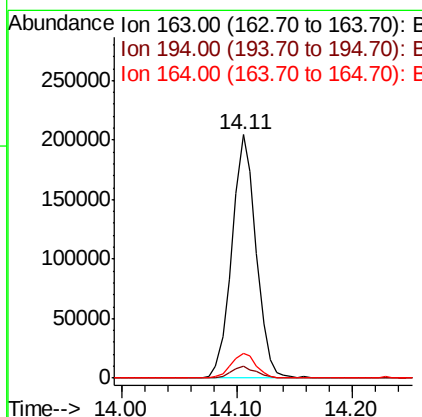
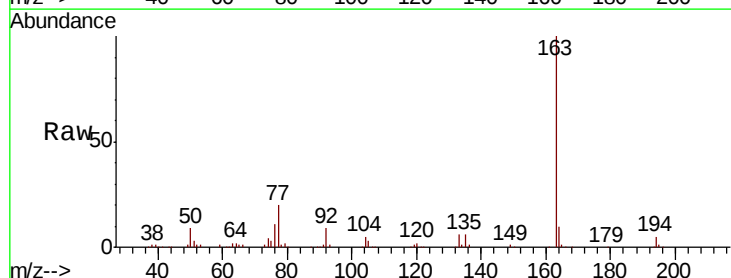
RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		297023		
194	4.9	3.7	5.5		
164	10.0	8.1	12.1		





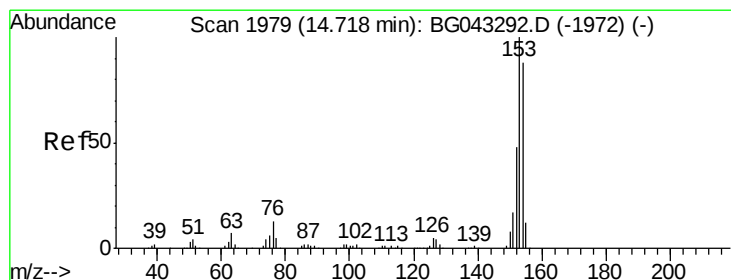
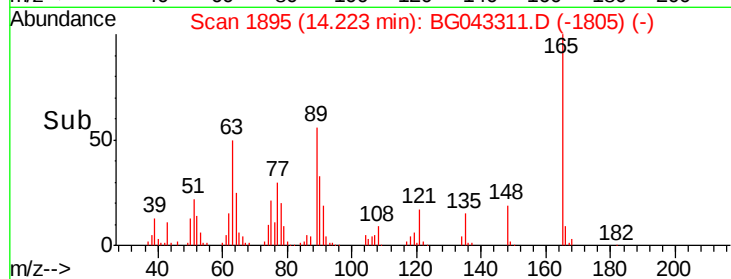
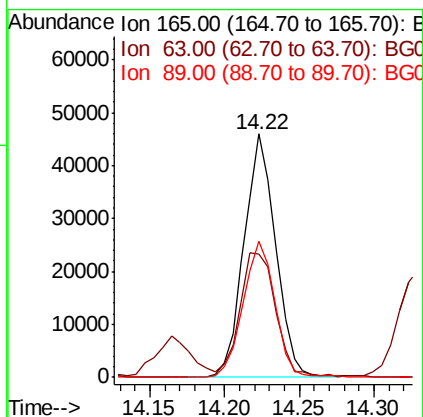
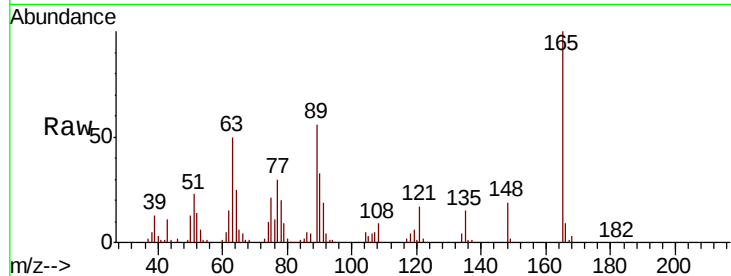
#51
 2,6-Dinitrotoluene
 Concen: 45.359 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	47.1	70.7
89	55.7	43.7	65.5

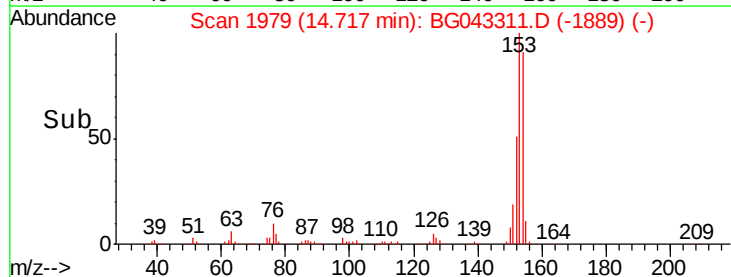
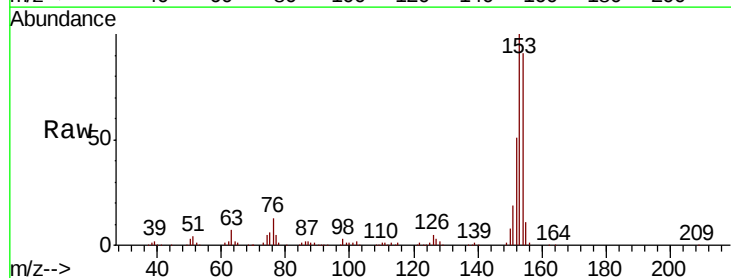
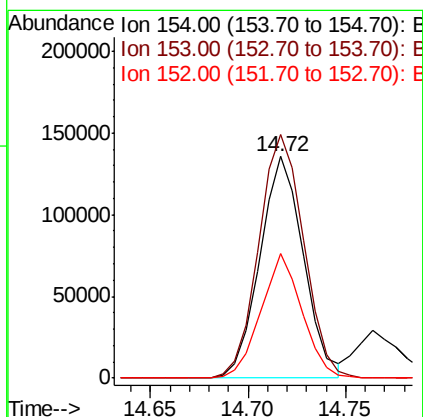
Manual Integrations
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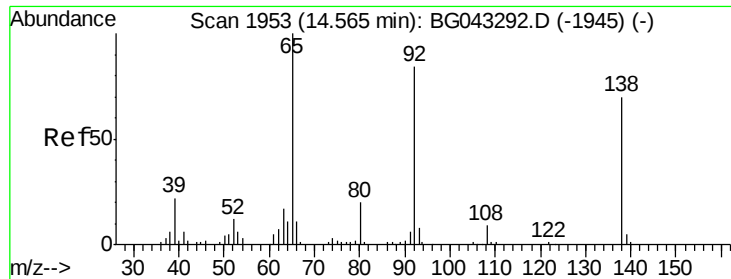
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#52
 Acenaphthene
 Concen: 43.231 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.9	136.3
152	56.4	43.9	65.9





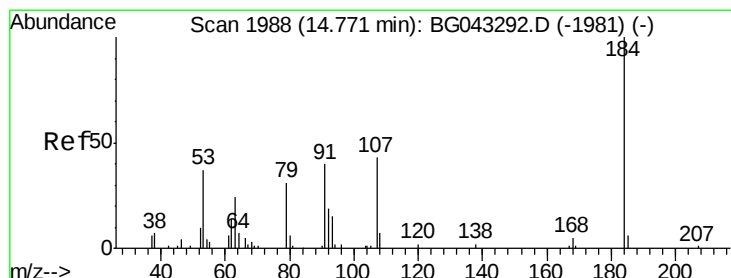
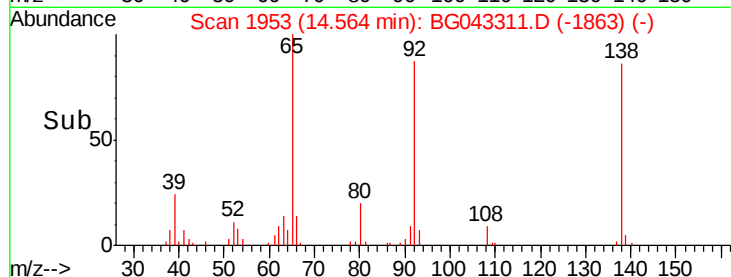
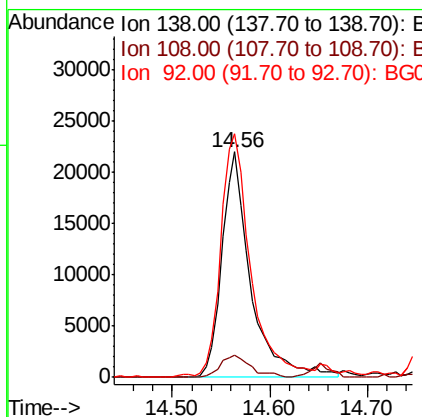
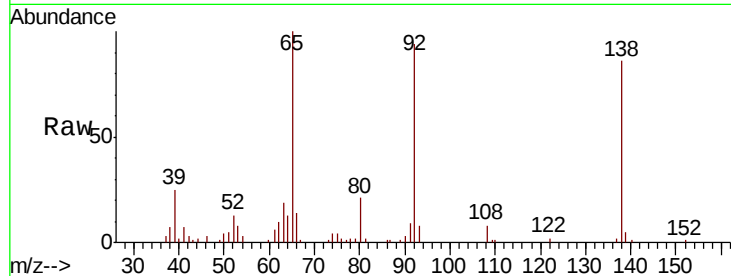
#53
3-Nitroaniline
Concen: 31.258 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.8	14.6
92	108.2	95.8	143.6

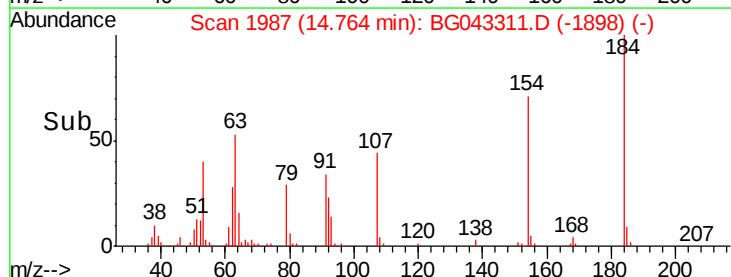
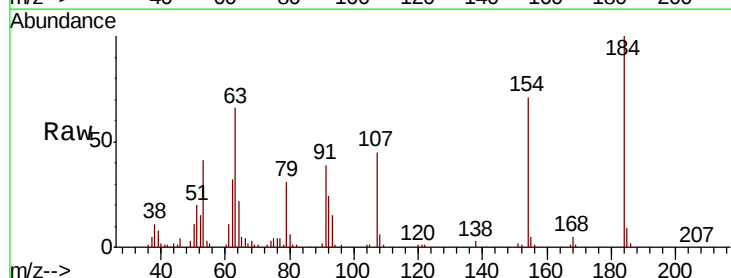
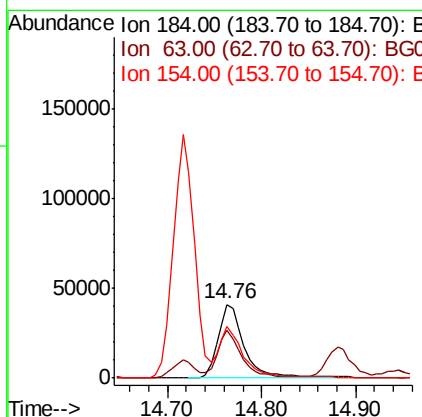
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#54
2,4-Dinitrophenol
Concen: 85.212 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.6	48.8	73.2
154	71.0	49.4	74.0





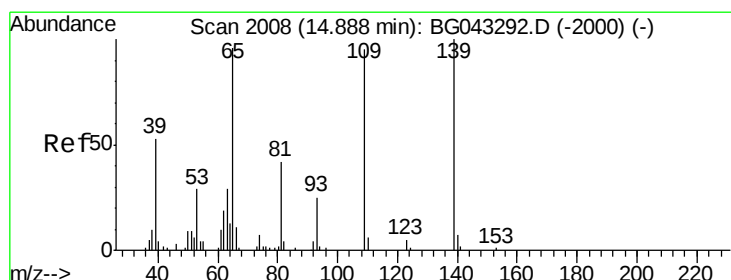
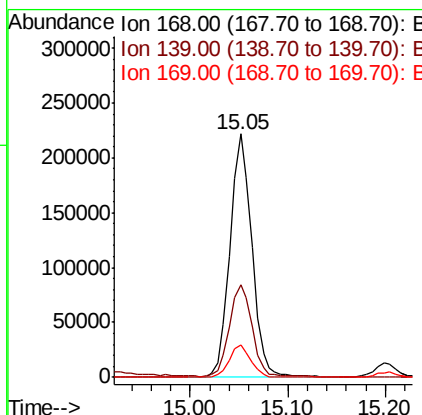
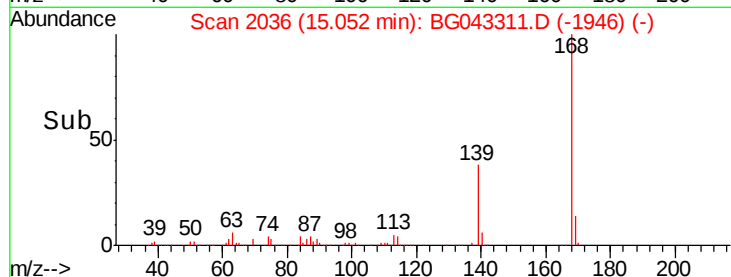
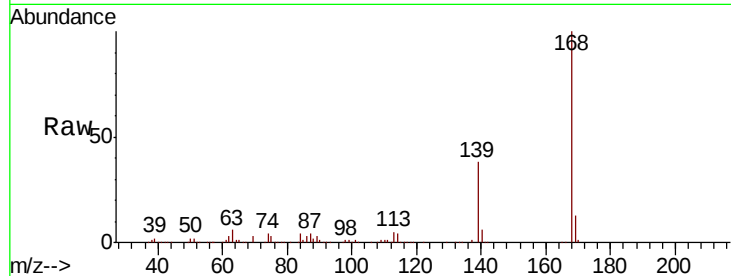
#55
Dibenzofuran
Concen: 44.007 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.7	47.5
169	13.5	11.0	16.4

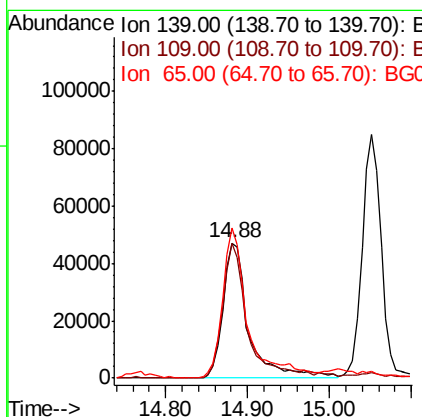
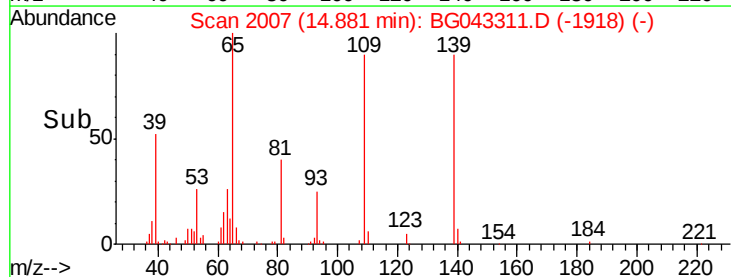
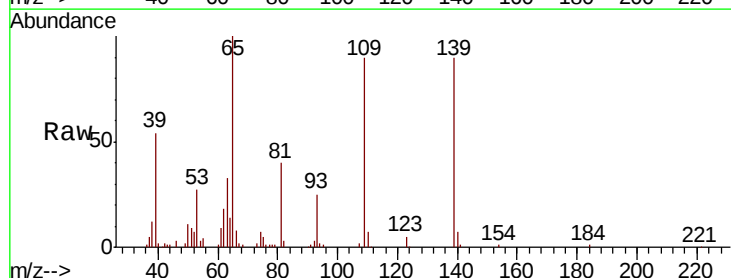
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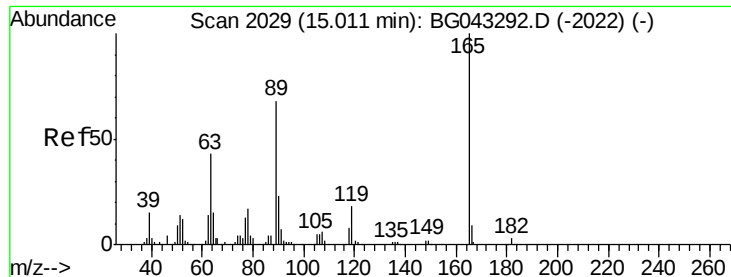
mohammad
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#56
4-Nitrophenol
Concen: 107.321 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.2	75.4	115.4
65	111.0	76.6	116.6





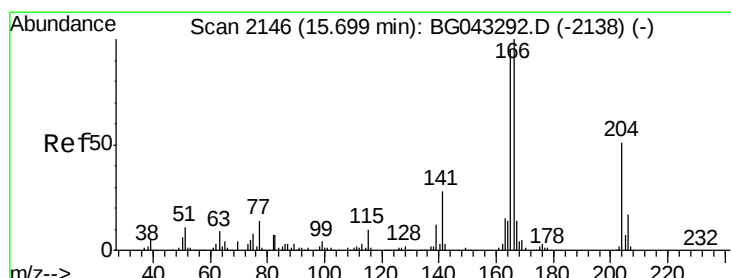
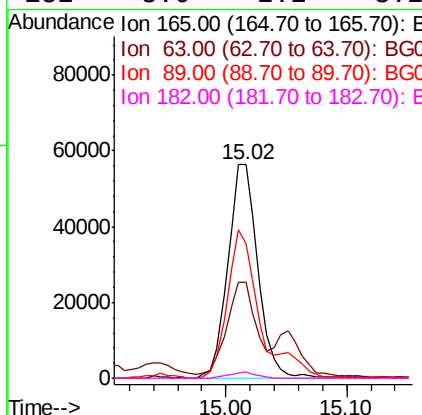
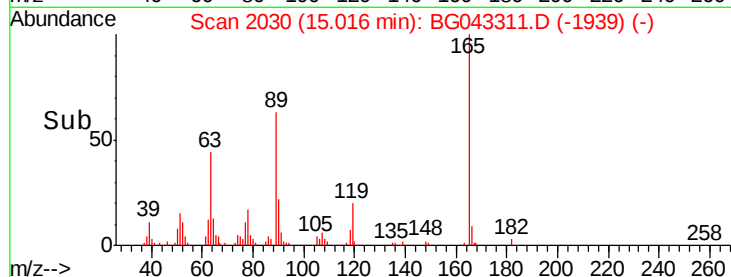
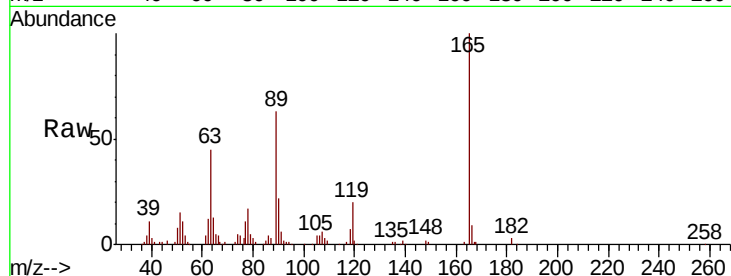
#57
2,4-Dinitrotoluene
Concen: 45.825 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	35.0	52.6
89	62.7	54.1	81.1
182	3.0	2.2	3.2

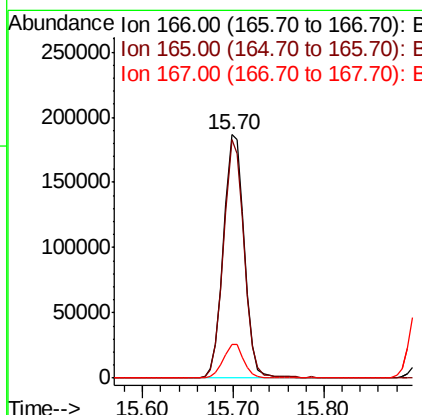
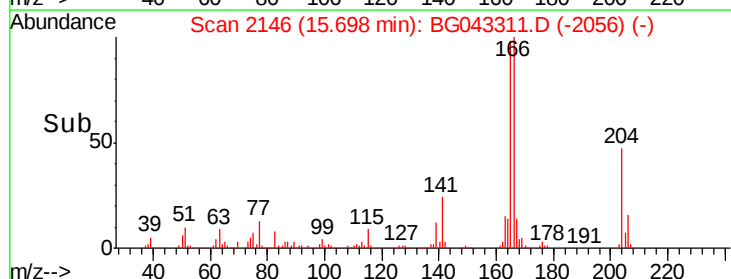
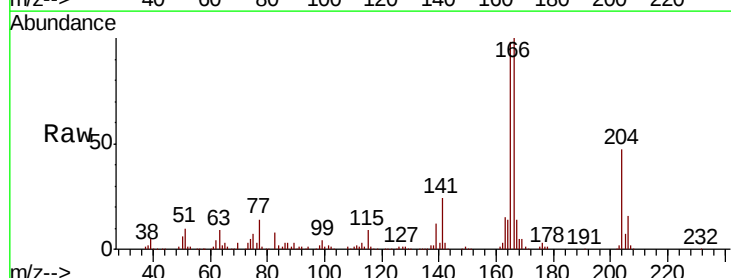
Manual Integrations
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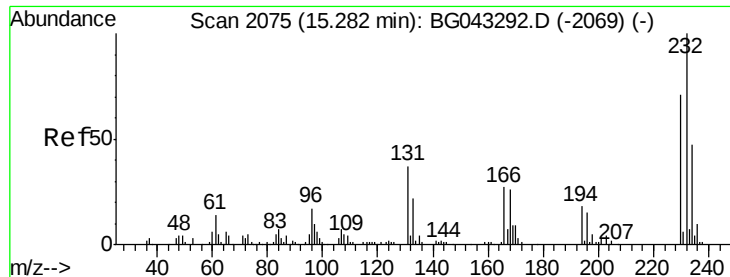
mohammad
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#58
Fluorene
Concen: 44.912 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.4	114.6
167	14.0	11.1	16.7





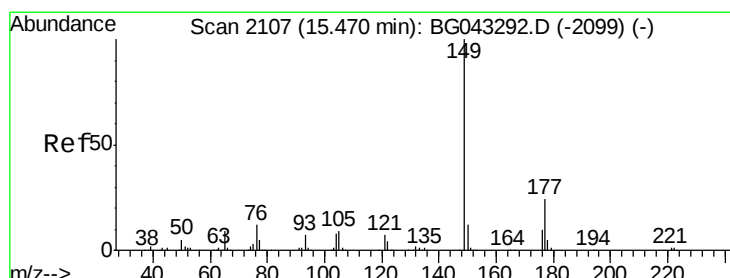
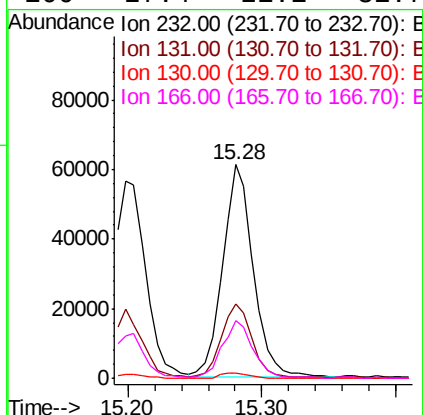
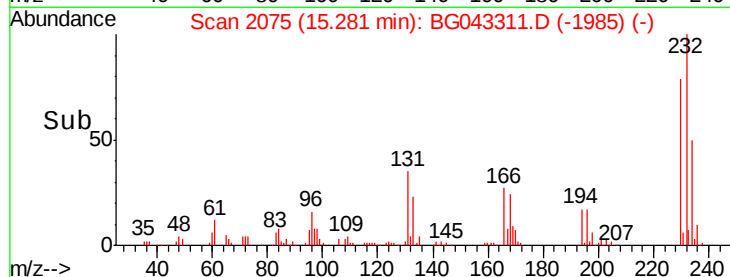
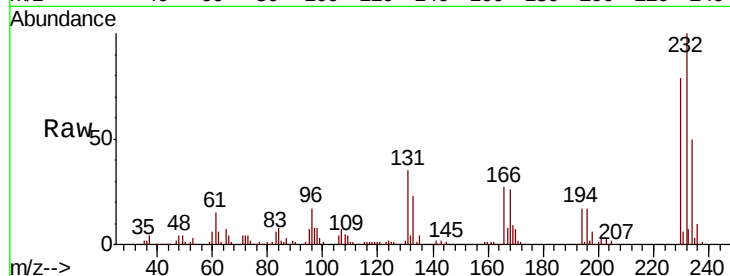
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.216 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion:	232	Resp:	97670
Ion Ratio	Lower	Upper	
232	100		
131	36.3	28.7	43.1
130	2.4	0.6	0.8
166	27.4	21.1	31.7

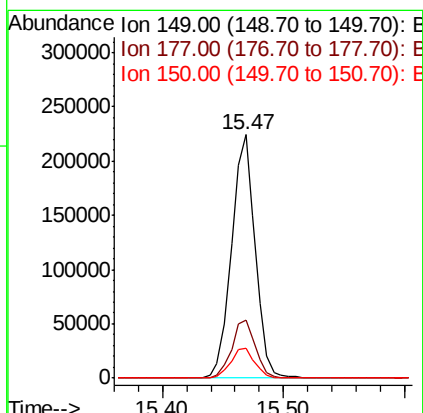
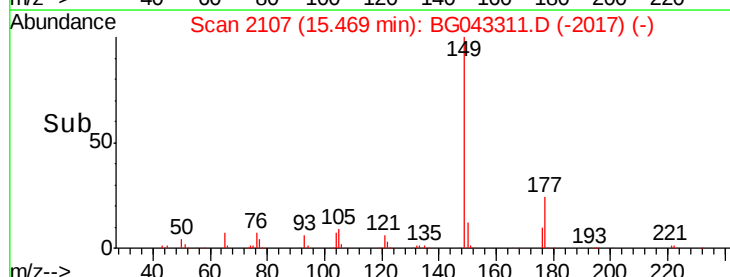
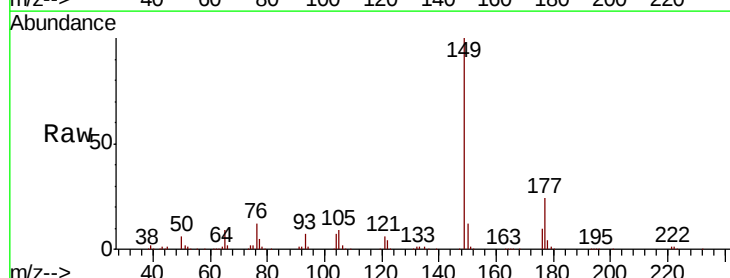
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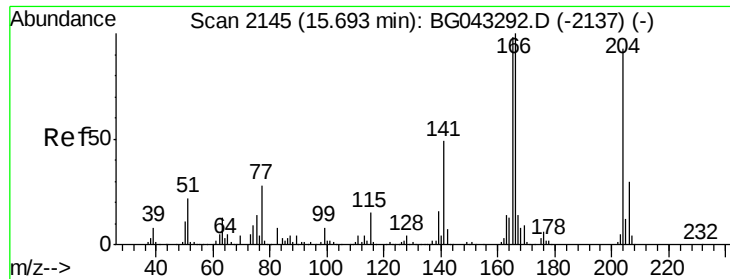
mohammad
 10/24/2019 2:11:38 PM



#60
 Diethylphthalate
 Concen: 44.227 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion:	149	Resp:	304153
Ion Ratio	Lower	Upper	
149	100		
177	23.9	19.0	28.4
150	12.4	9.4	14.0





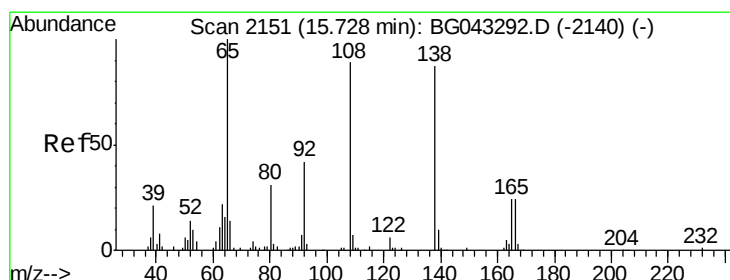
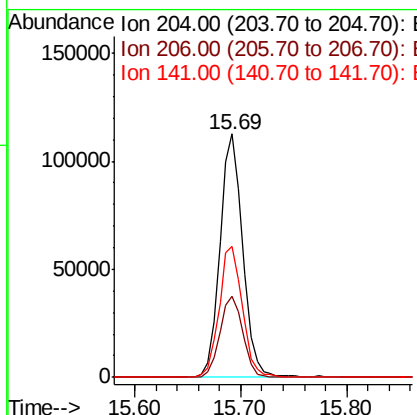
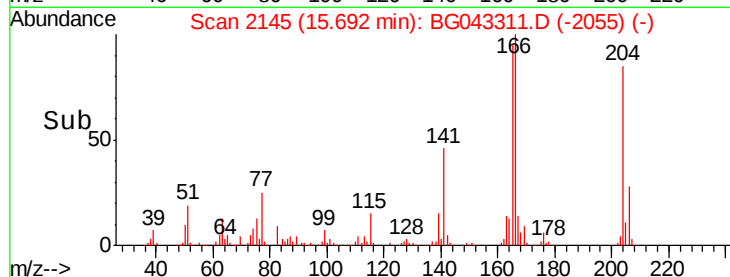
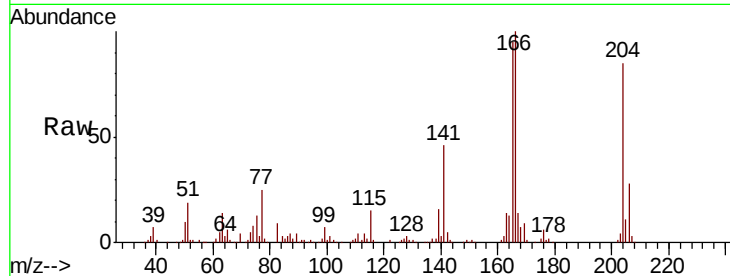
#61
 4-Chlorophenyl-phenylether
 Concen: 43.964 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion:	204	Resp:	169342
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.7	38.5
141	53.9	42.3	63.5

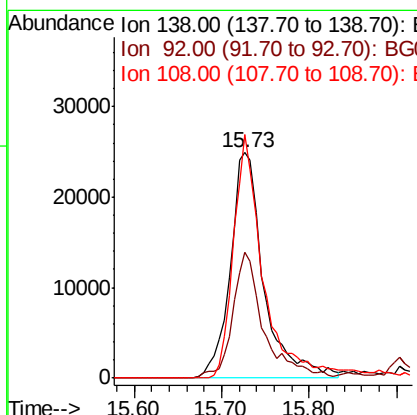
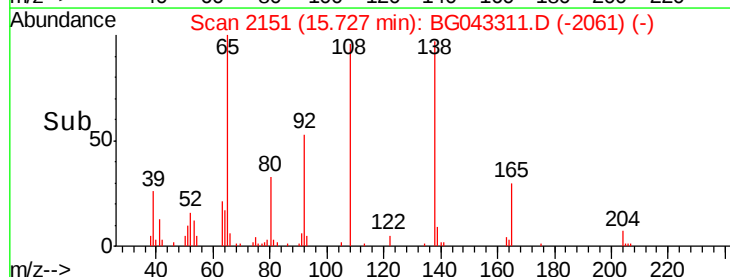
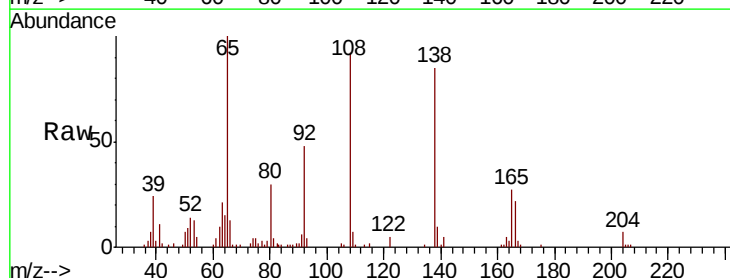
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#62
 4-Nitroaniline
 Concen: 43.655 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion:	138	Resp:	64723
Ion Ratio	Lower	Upper	
138	100		
92	56.0	28.8	68.8
108	108.0	82.7	122.7





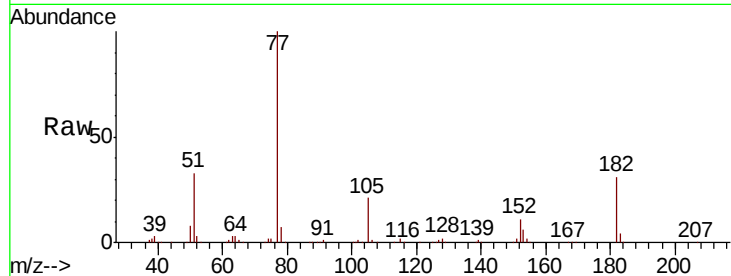
#63
Azobenzene
Concen: 45.272 ng
RT: 15.99 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		251974		
182	31.1	14.9	54.9		
105	20.8	0.6	40.6		
51	32.8	12.5	52.5		

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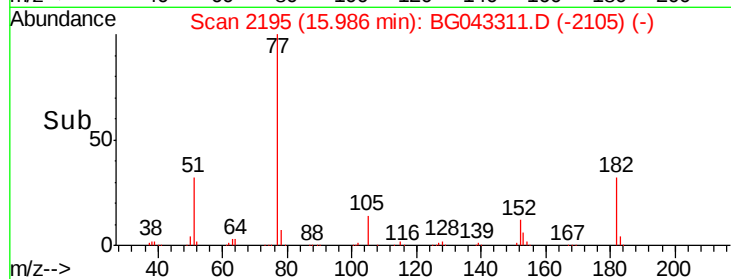
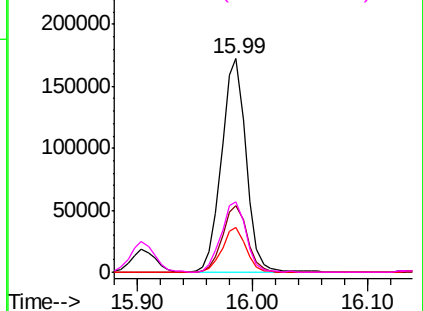
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

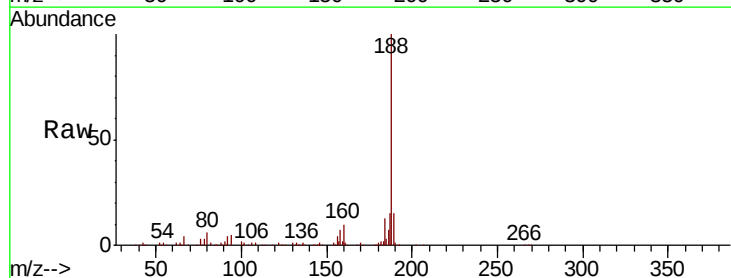
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		223512		
94	5.3	4.2	6.2		
80	6.1	5.2	7.8		

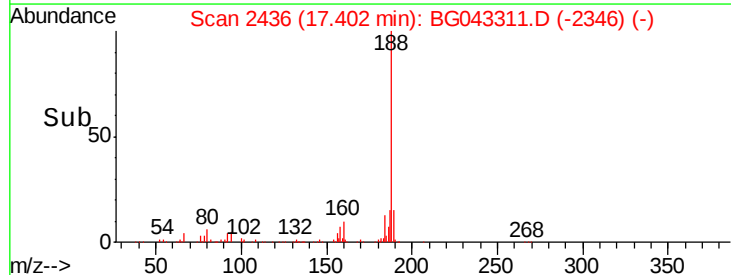
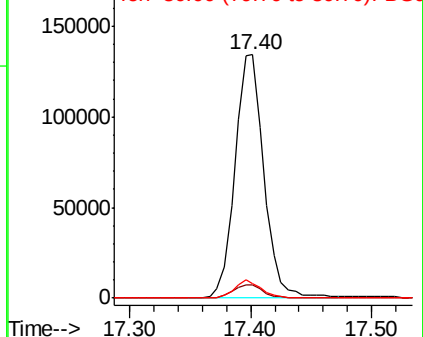


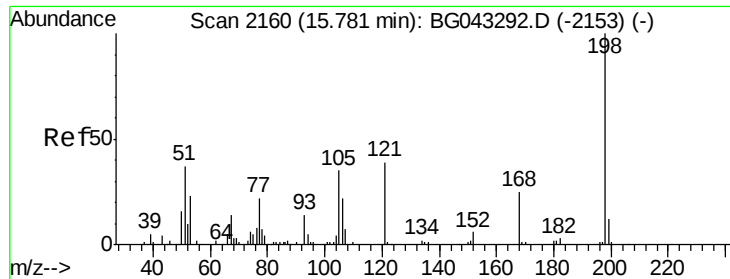
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





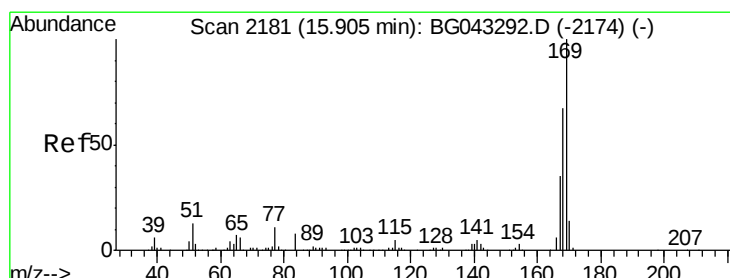
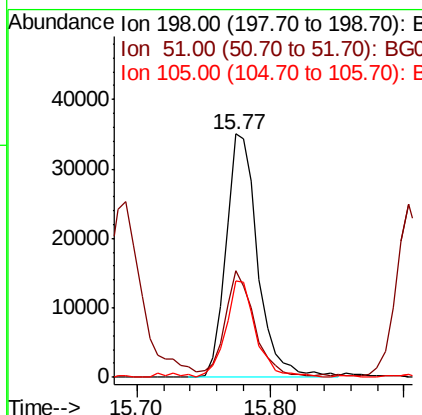
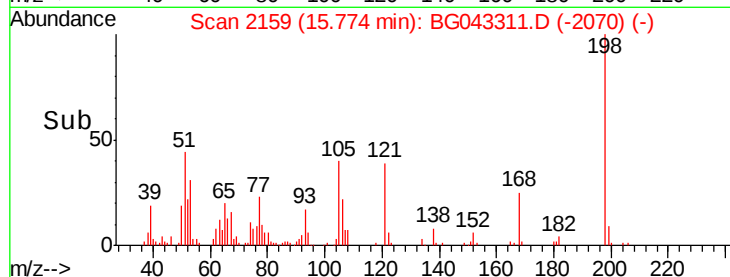
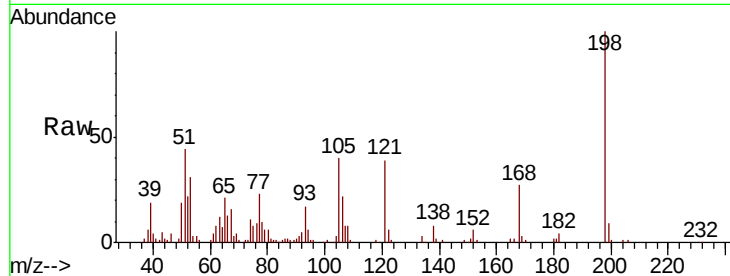
#65
4,6-Dinitro-2-methylphenol
Concen: 44.308 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.0	21.4	61.4
105	39.8	16.5	56.5

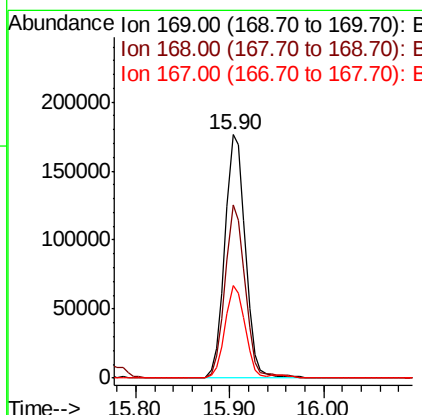
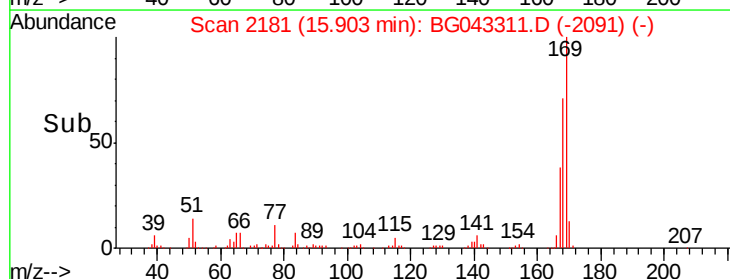
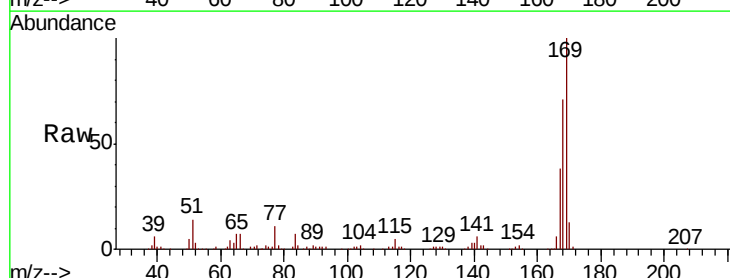
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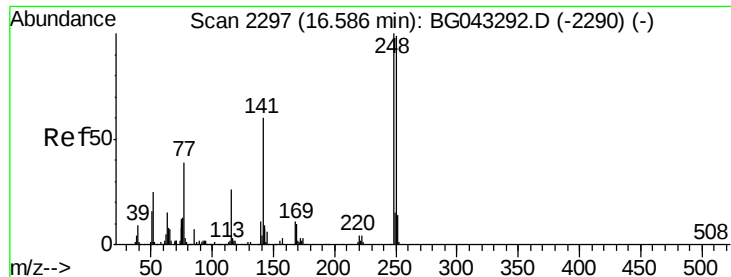
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#66
n-Nitrosodiphenylamine
Concen: 42.587 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	53.9	80.9
167	37.9	28.3	42.5





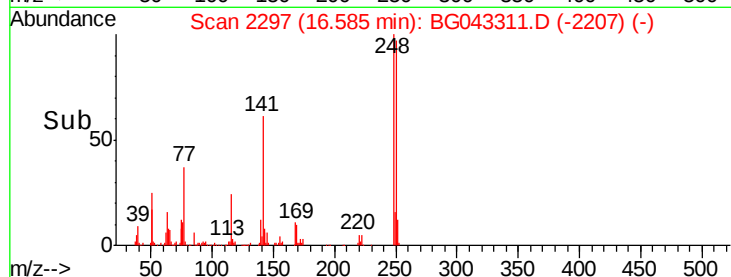
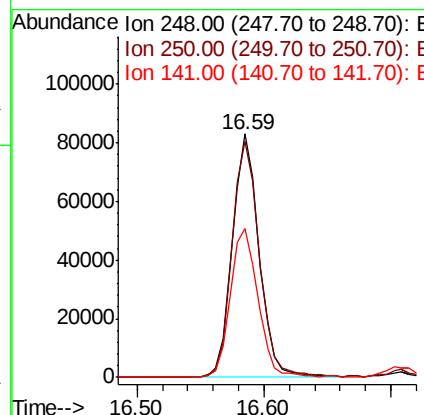
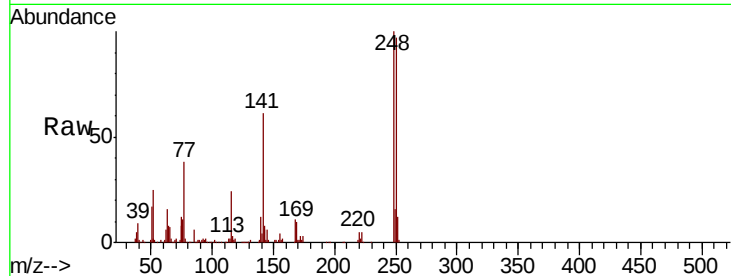
#67
4-Bromophenyl-phenylether
Concen: 40.038 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.3	118.9
141	61.4	47.9	71.9

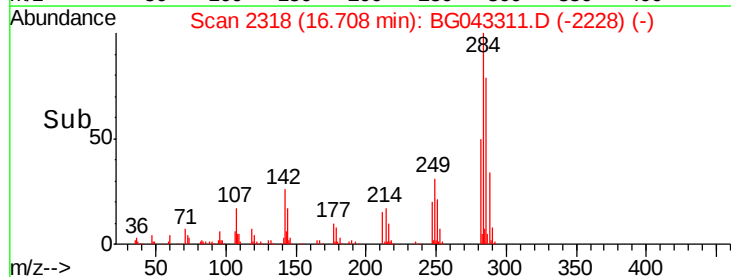
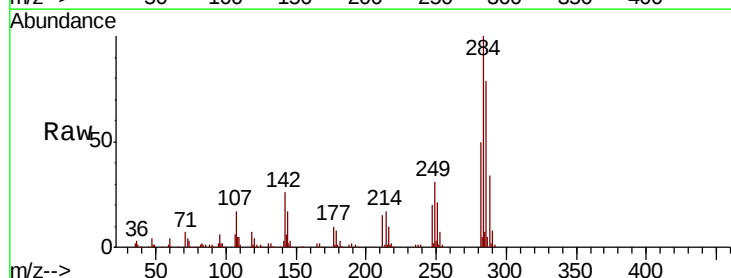
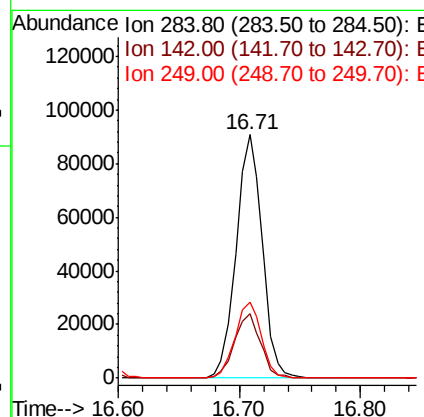
Manual Integrations
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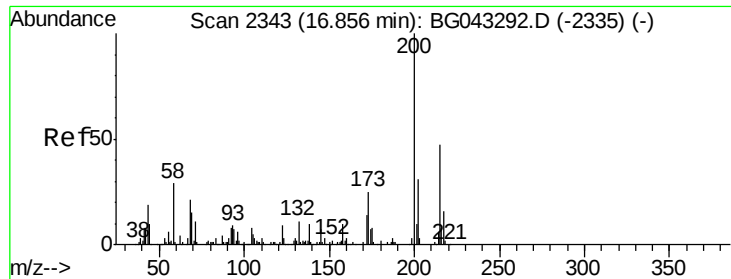
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#68
Hexachlorobenzene
Concen: 39.537 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.1	31.7
249	31.4	24.4	36.6





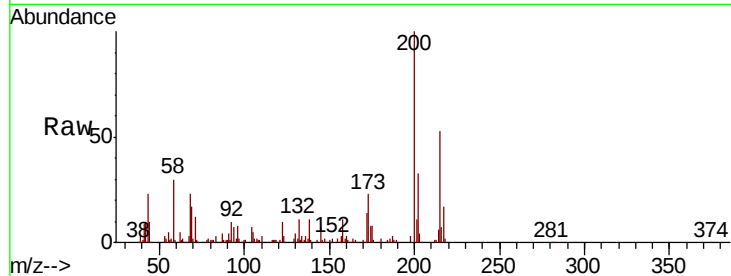
#69
Atrazine
Concen: 54.901 ng
RT: 16.86 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.1	45.1
215	53.4	26.6	66.6

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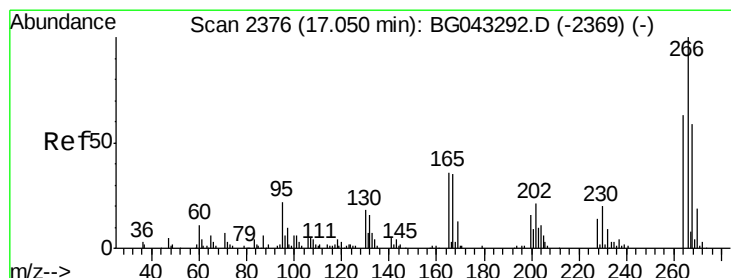
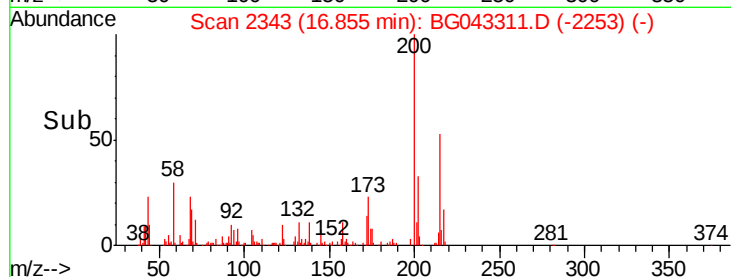
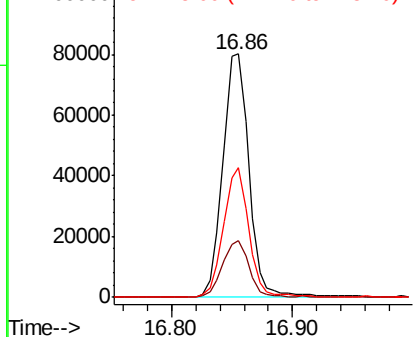


Abundance

Ion 200.00 (199.70 to 200.70): E

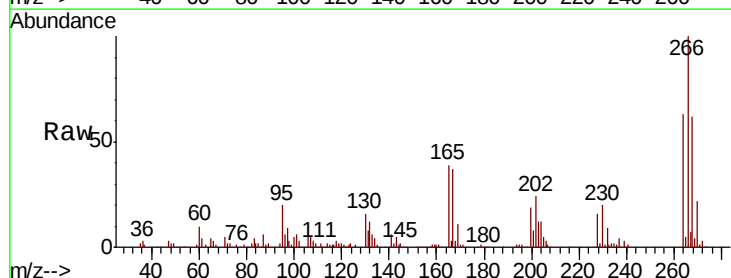
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 100.105 ng
RT: 17.06 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	47.1	70.7
264	62.5	50.4	75.6

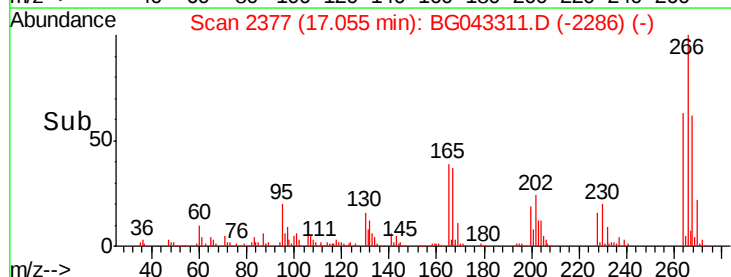
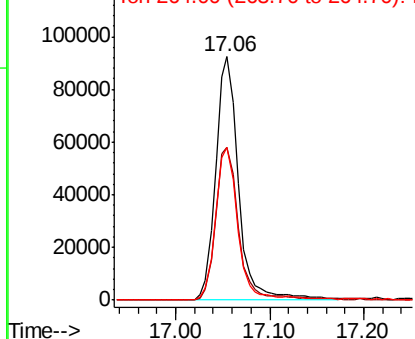


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





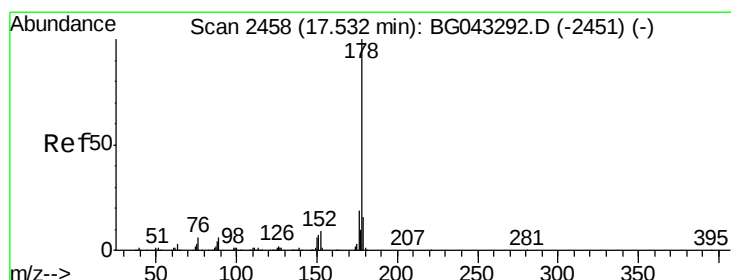
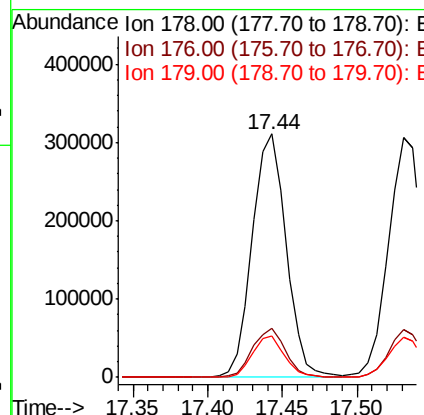
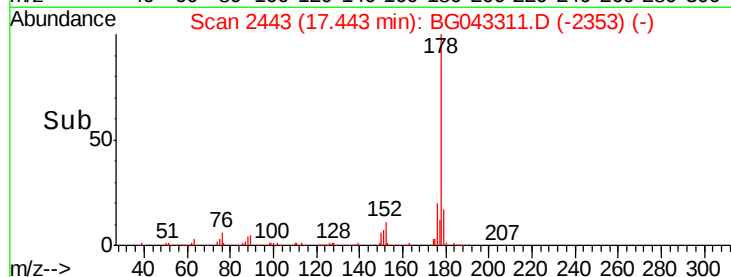
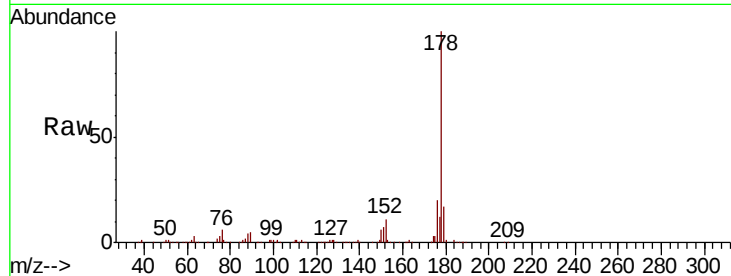
#71
Phenanthrene
Concen: 42.648 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.8	13.1	19.7

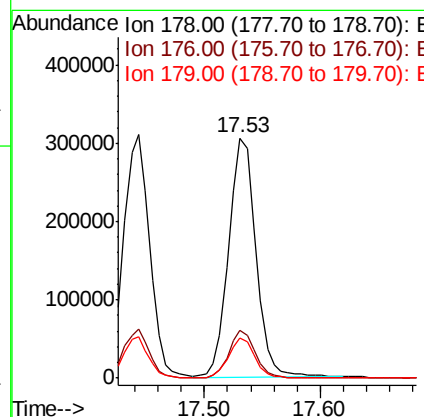
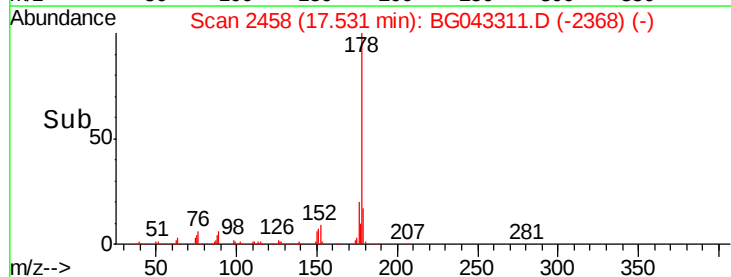
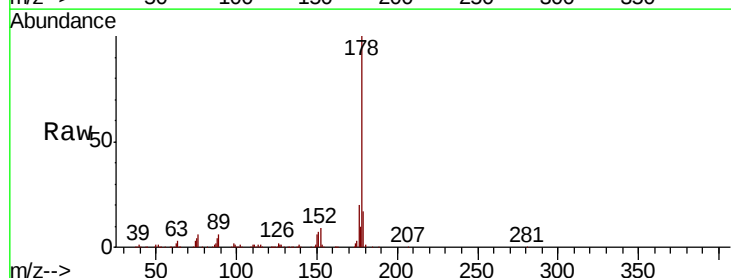
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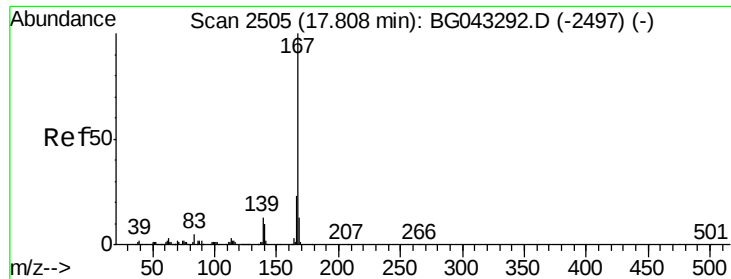
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#72
Anthracene
Concen: 43.811 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	16.6	13.0	19.6





#73

Carbazole

Concen: 45.146 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

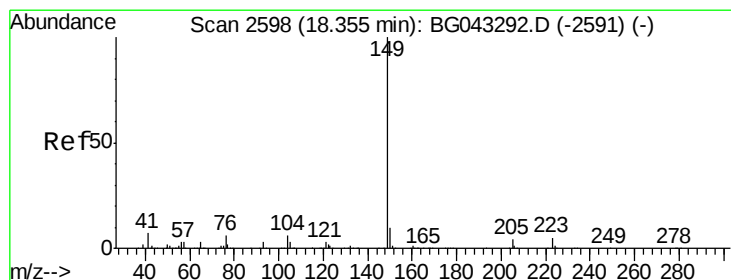
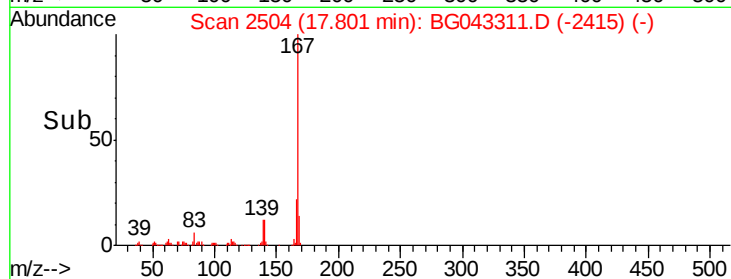
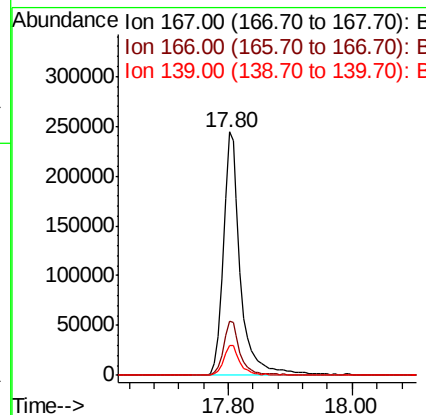
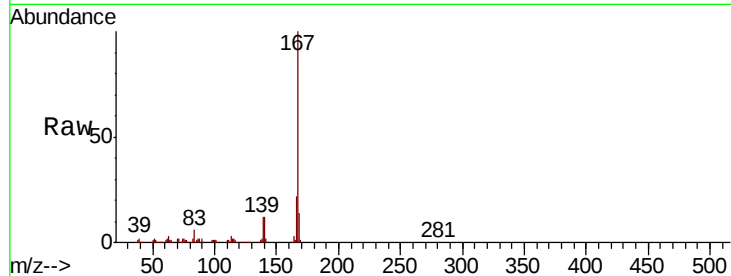
ClientSampleId :

PB124212BS

Tot Ion:	167	Resp:	468166
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.4	27.6
139	12.3	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 44.350 ng

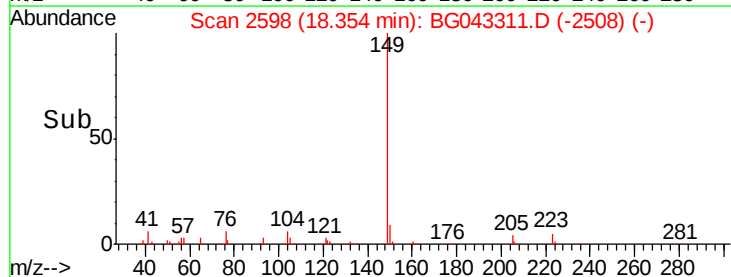
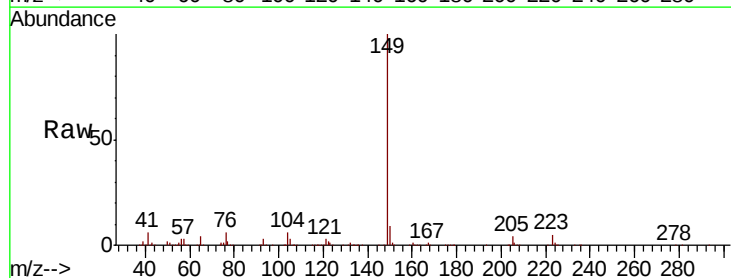
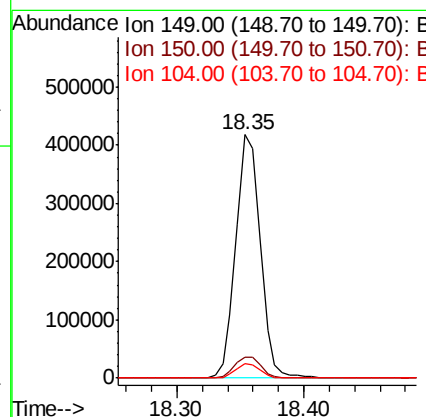
RT: 18.35 min Scan# 2598

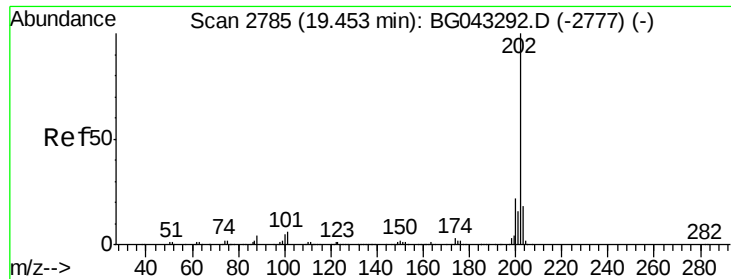
Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	149	Resp:	558043
Ion Ratio	Lower	Upper	
149	100		
150	8.7	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 45.144 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

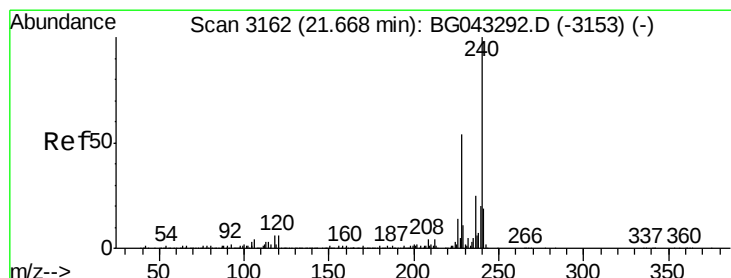
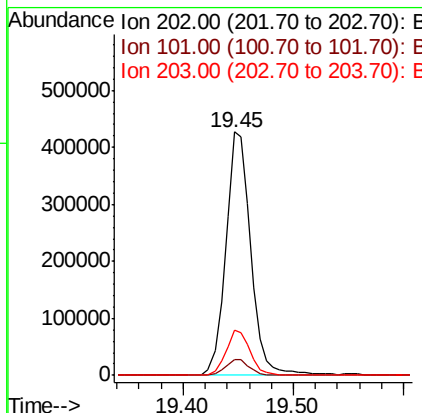
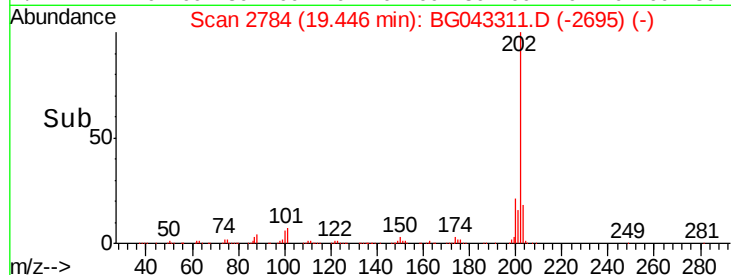
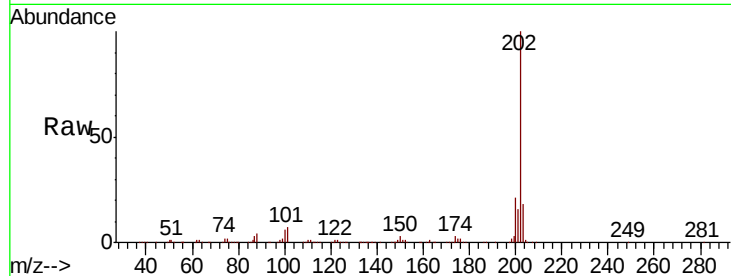
ClientSampleId :

PB124212BS

Tot Ion:	202	Resp:	673614
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.0
203	18.3	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

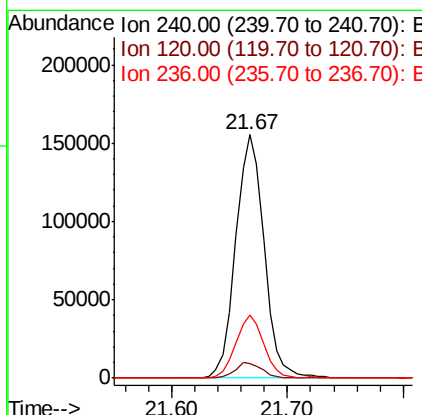
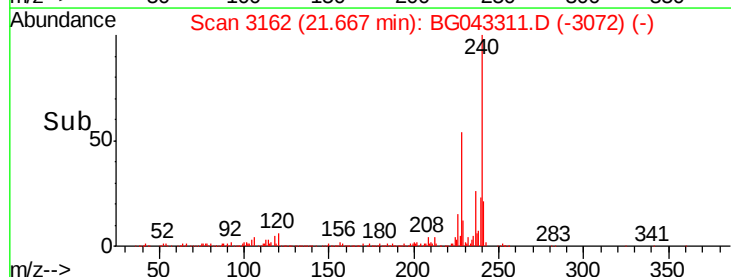
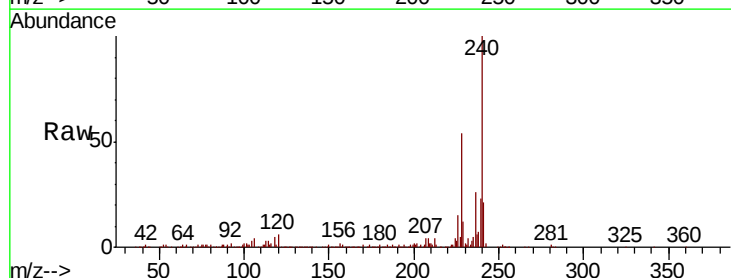
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	240	Resp:	264870
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.6	7.0
236	25.9	20.2	30.4





#77

Benzidine

Concen: 33.227 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

ClientSampleId :

PB124212BS

Tot Ion:184 Resp: 177118

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

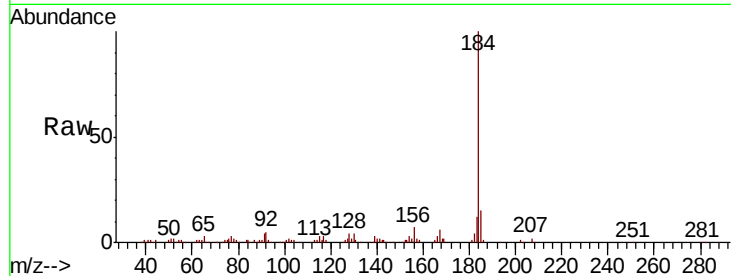
183 12.2 10.6 16.0

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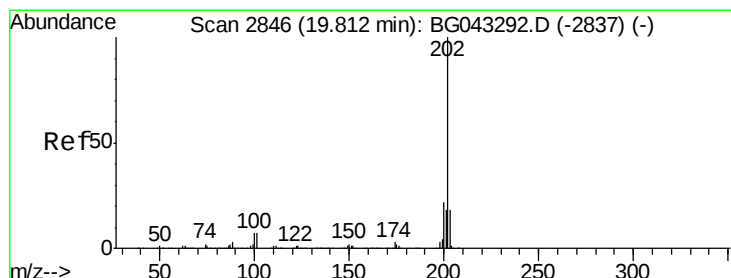
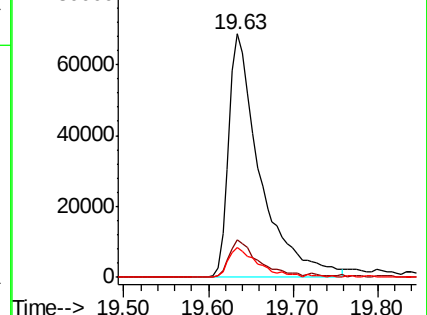
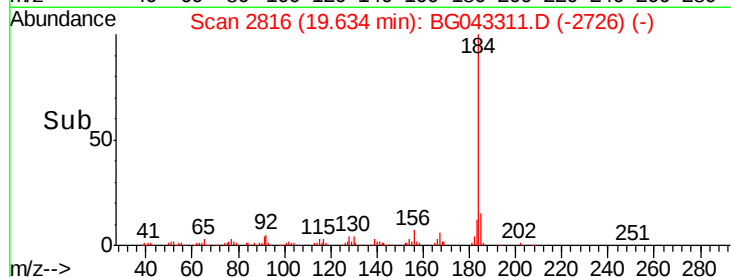
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.450 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

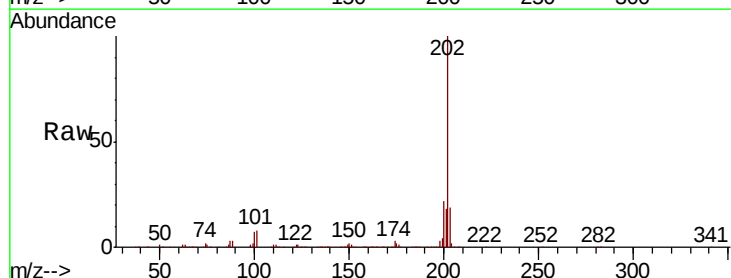
Tgt Ion:202 Resp: 695977

Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

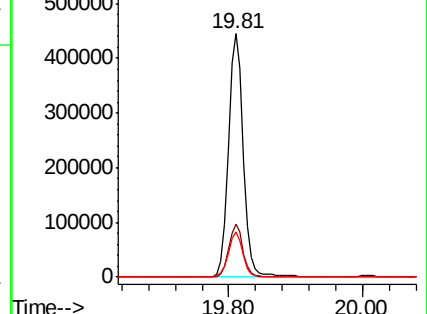
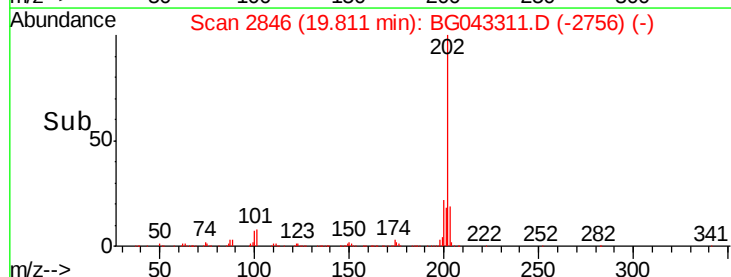
203 18.6 14.5 21.7

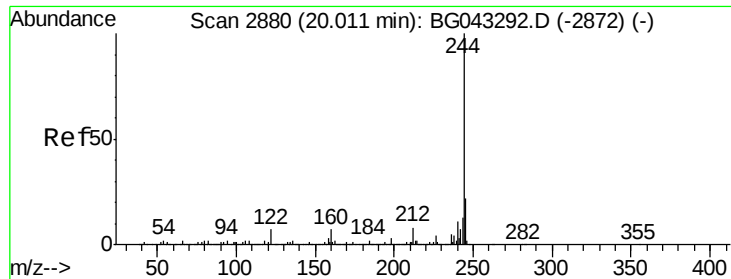


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





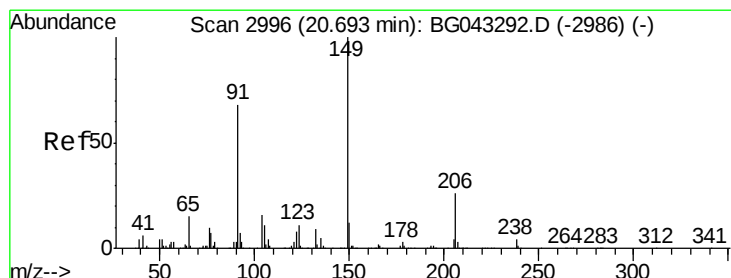
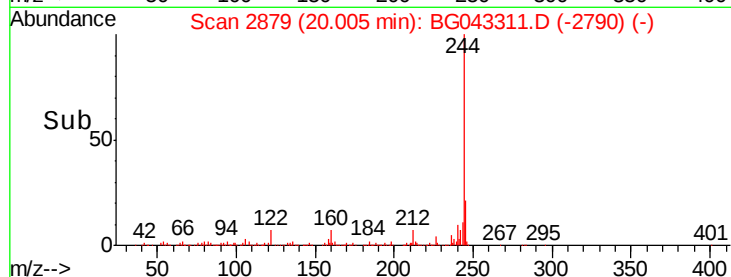
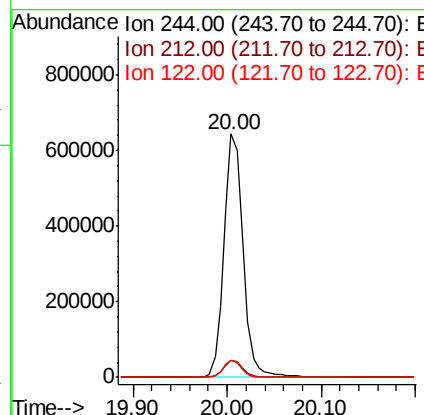
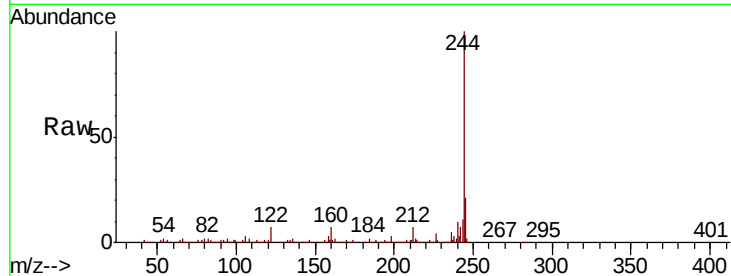
#79
 Terphenyl-d14
 Concen: 65.099 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	6.4	9.6	
122	7.1	5.3	7.9	

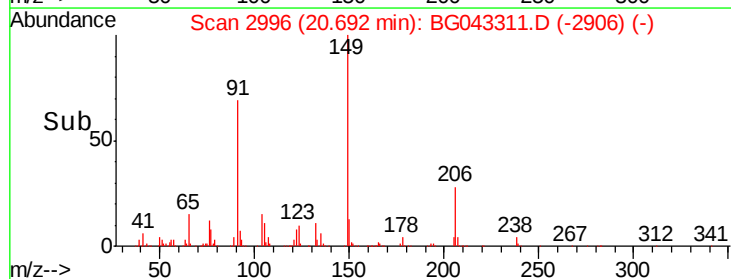
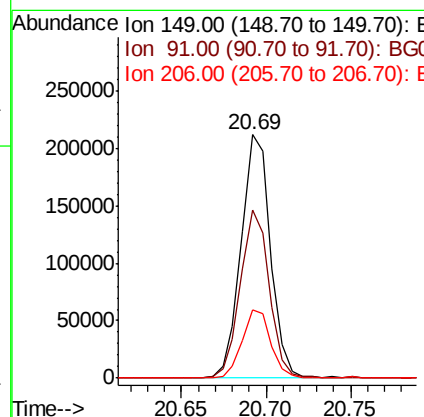
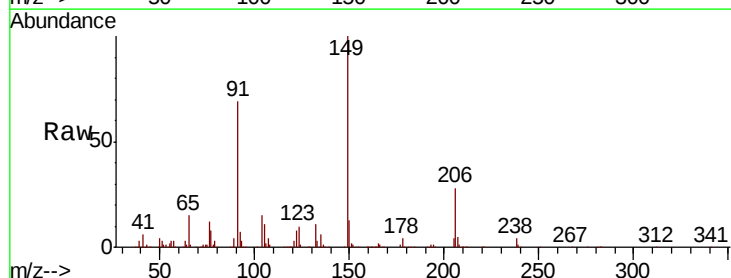
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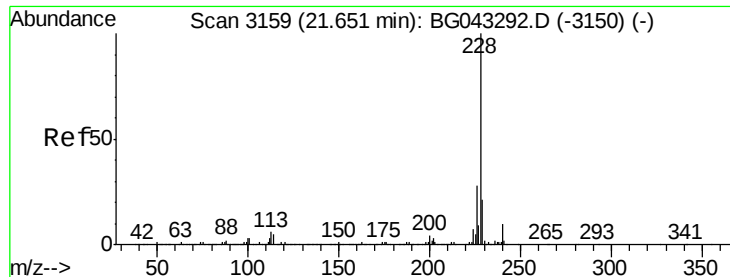
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#80
 Butylbenzylphthalate
 Concen: 41.443 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.9	54.6	82.0	
206	28.3	20.5	30.7	





#81

Benzo(a)anthracene

Concen: 43.448 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

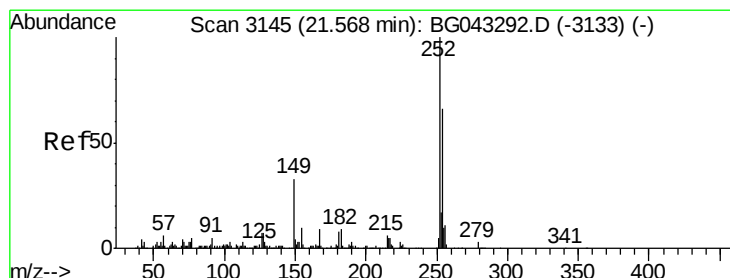
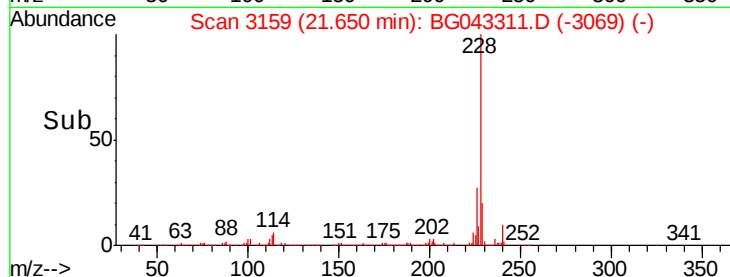
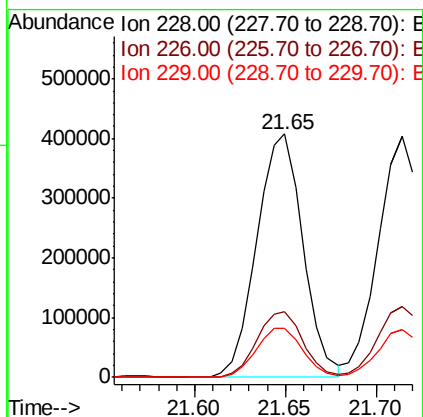
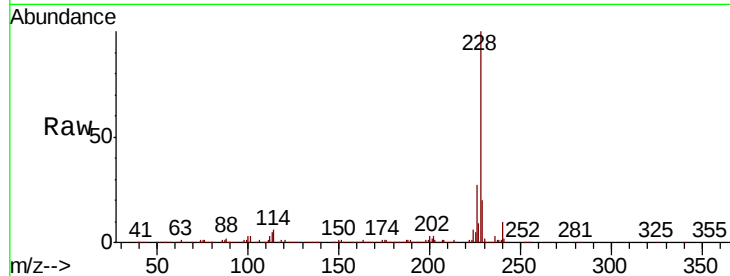
ClientSampleId :

PB124212BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.4
229	19.9	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 36.292 ng

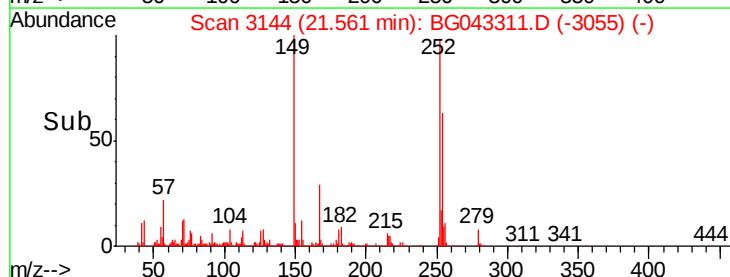
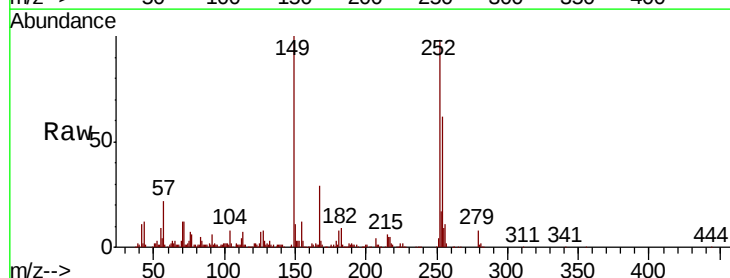
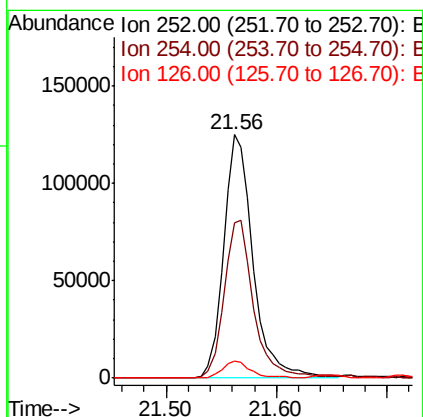
RT: 21.56 min Scan# 3144

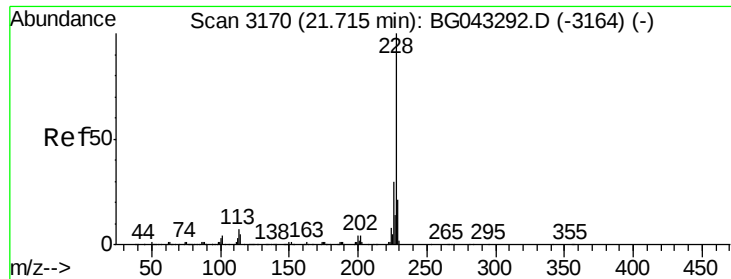
Delta R.T. -0.01 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.7	79.1
126	7.0	5.6	8.4





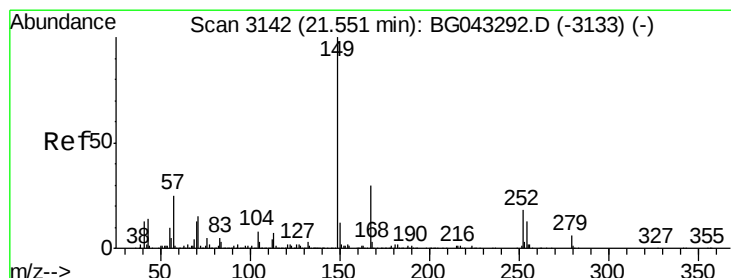
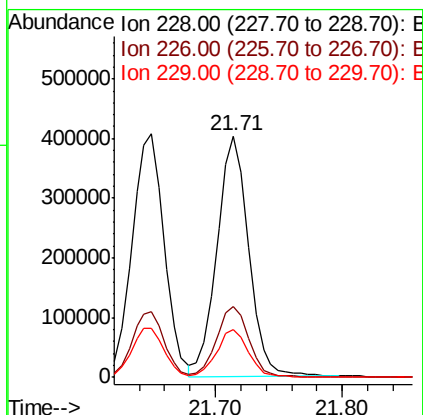
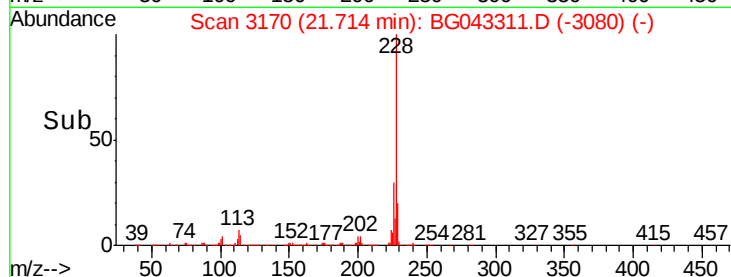
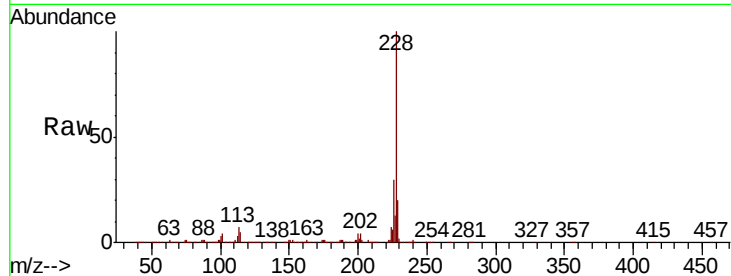
#83
 Chrvsene
 Concen: 42.487 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Instrument :
 BNA_G
 ClientSampleId :
 PB124212BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.8	16.3	24.5

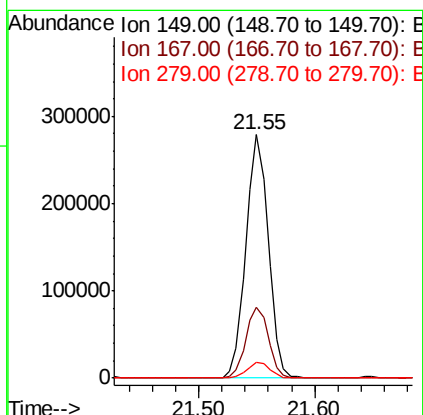
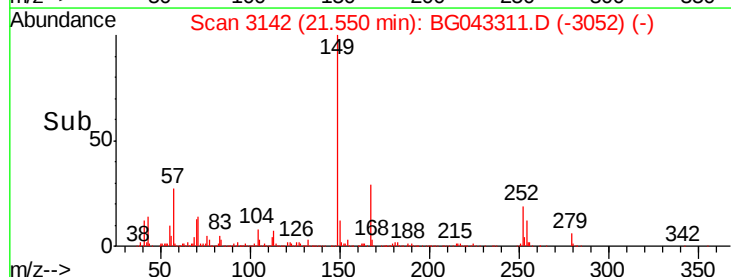
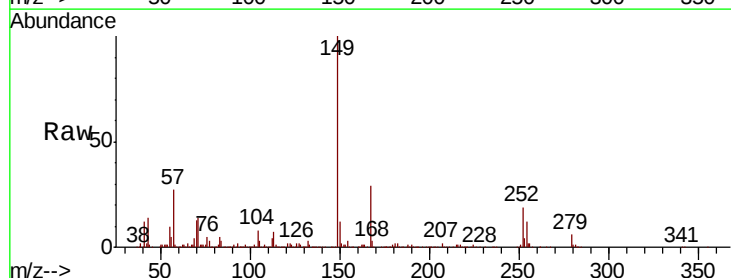
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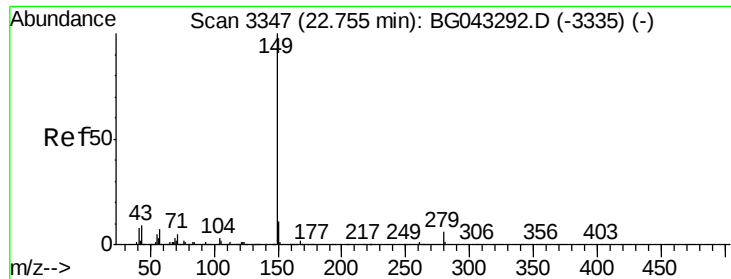
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.792 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043311.D
 Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.9	35.9
279	6.2	4.8	7.2





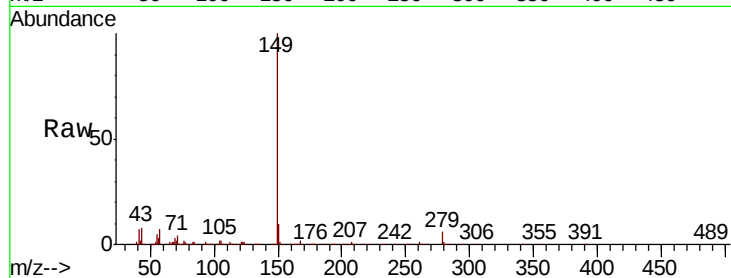
#85
Di-n-octyl phthalate
Concen: 43.513 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

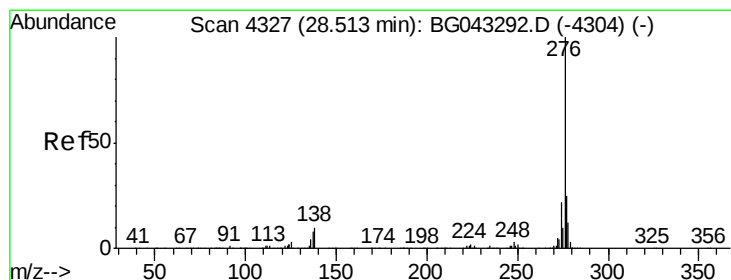
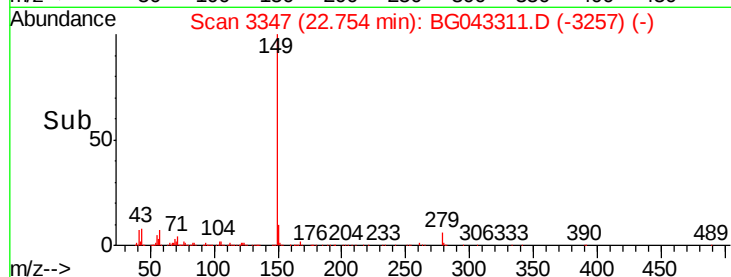
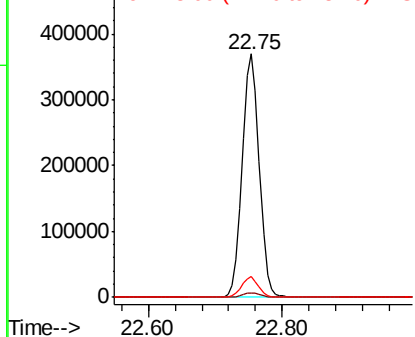
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	6.9	10.3

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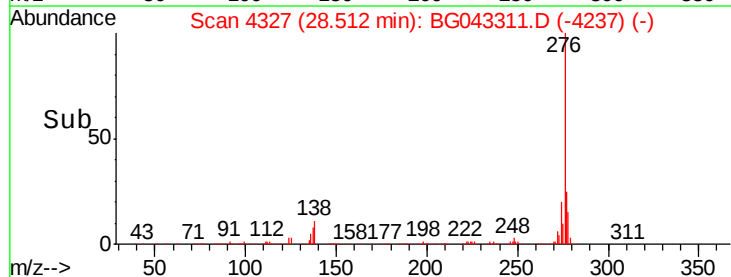
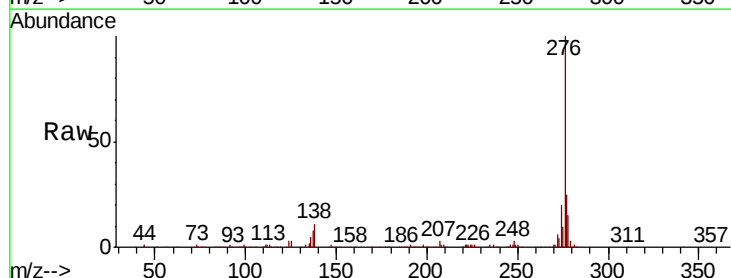
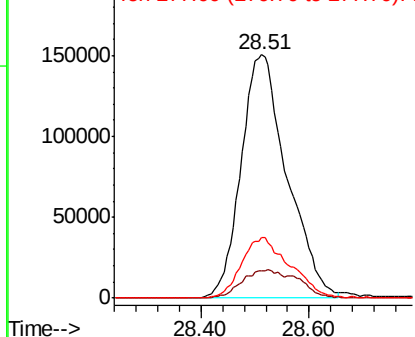
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.966 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.8	7.2	10.8
277	26.2	20.9	31.3

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Instrument :

BNA_G

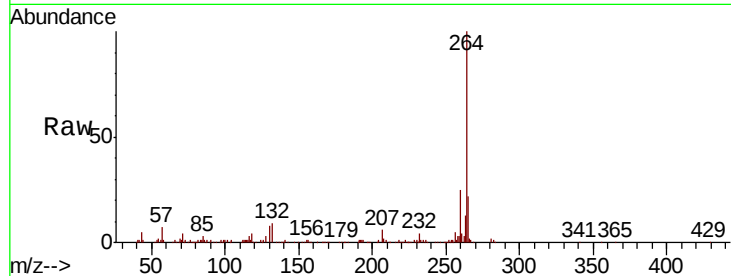
ClientSampleId :

PB124212BS

Tot Ion:	264	Resp:	279473
Ion Ratio	Lower	Upper	
264	100		
260	24.9	17.9	26.9
265	22.4	17.4	26.2

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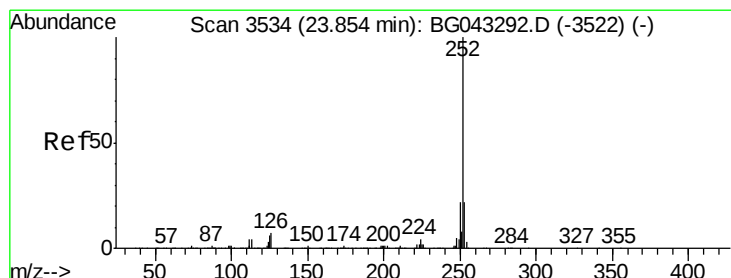
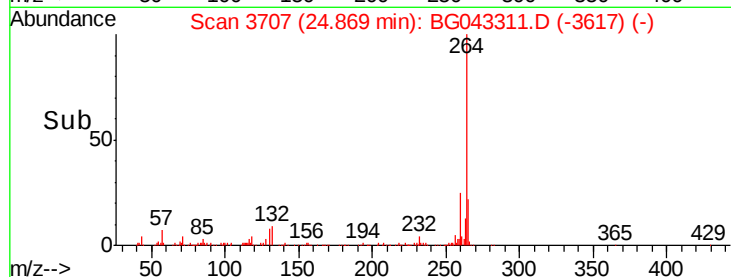
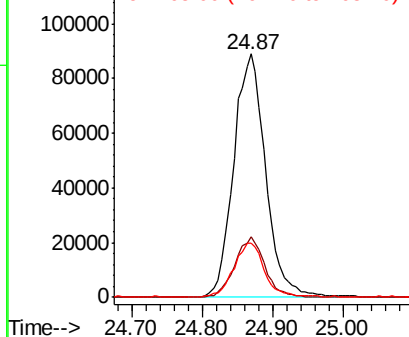


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.407 ng

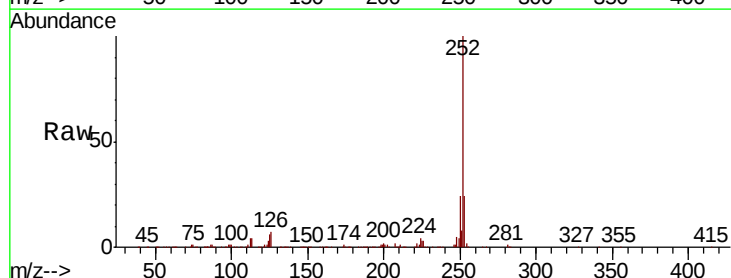
RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

Lab File: BG043311.D

Acq: 23 Oct 2019 16:45

Tgt Ion:	252	Resp:	766215
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	6.1	5.0	7.6

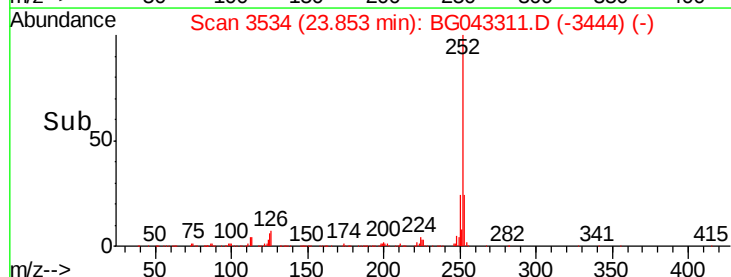
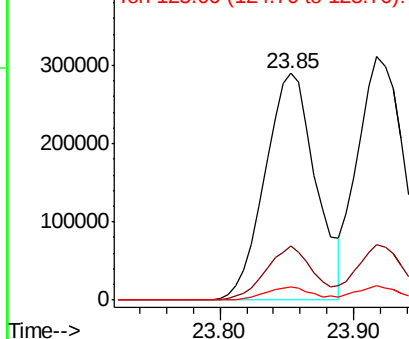


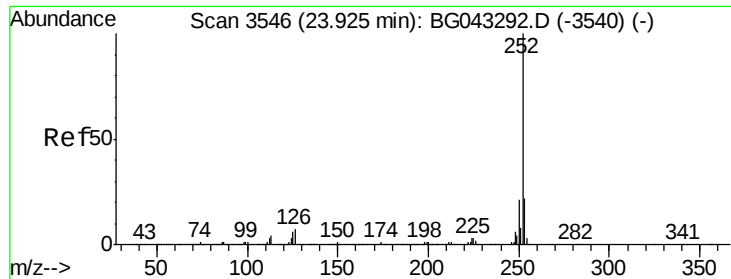
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





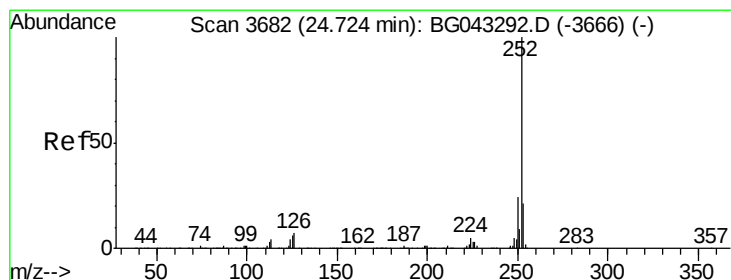
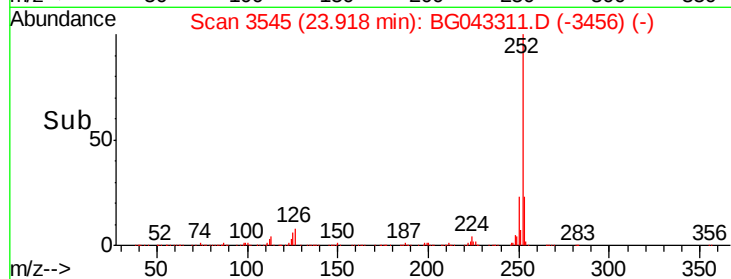
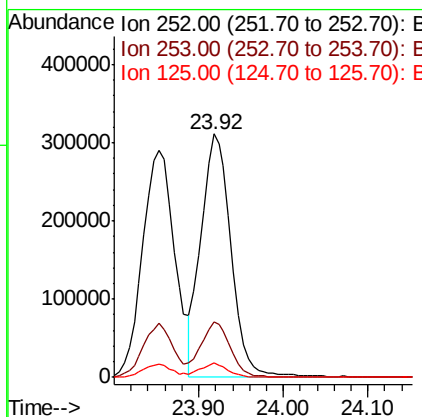
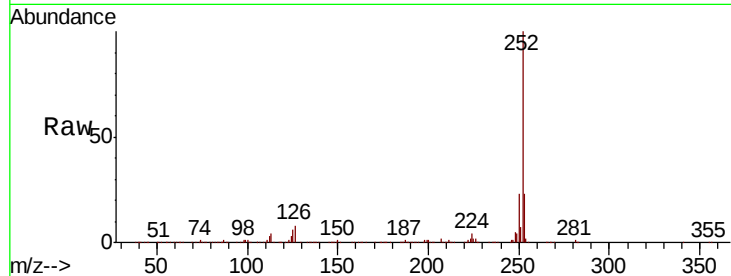
#89
Benzo(k)fluoranthene
Concen: 47.885 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	5.8	4.5	6.7

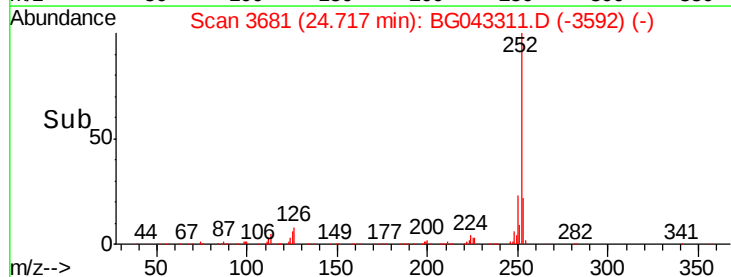
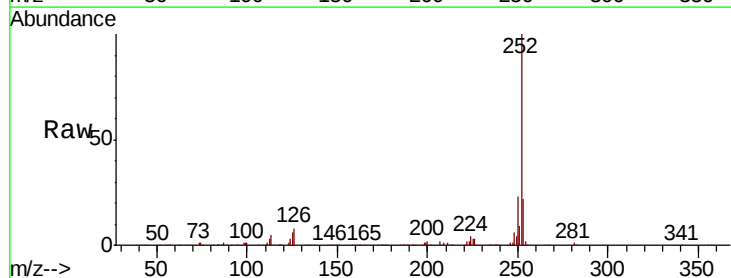
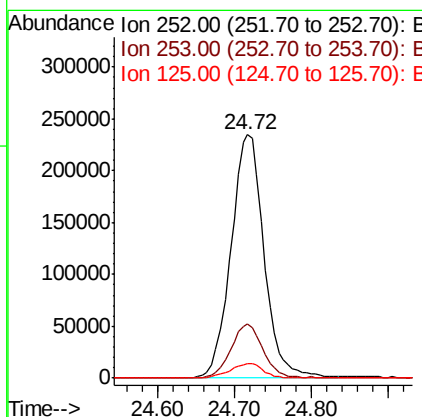
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#90
Benzo(a)pyrene
Concen: 46.355 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	6.0	5.0	7.6





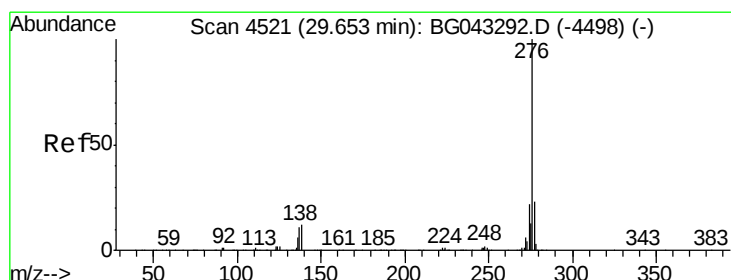
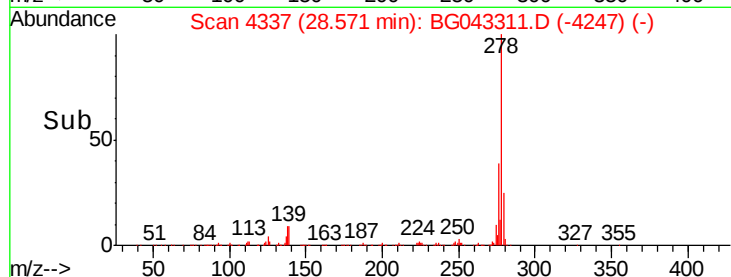
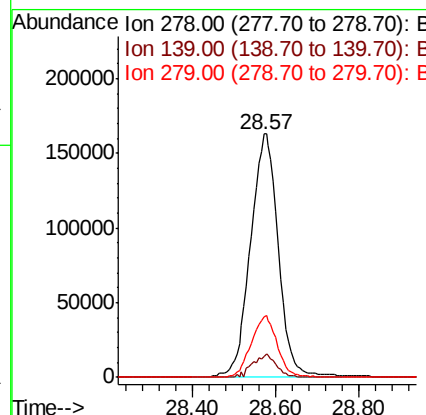
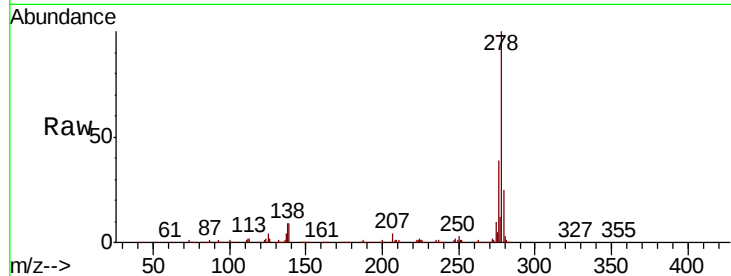
#91
Dibenzo(a,h)anthracene
Concen: 49.143 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Instrument :
BNA_G
ClientSampleId :
PB124212BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.8	10.2
279	24.9	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 49.717 ng
RT: 29.65 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043311.D
Acq: 23 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.3	27.5
138	10.7	9.3	13.9

