

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043557.D
 Acq On : 8 Nov 2019 3:14
 Operator : JU
 Sample : PB124608BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Manual Integrations
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Sohil
 11/8/2019 3:33:04 PM

Quant Time: Nov 08 12:17:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31717	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	118897	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	87030	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	213223	20.00	ng	0.00
76) Chrysene-d12	21.66	240	222504	20.00	ng	0.00
87) Perylene-d12	24.85	264	260729	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	166180	96.01	ng	0.01
7) Phenol-d6	7.21	99	147779	59.34	ng	0.02
23) Nitrobenzene-d5	9.17	82	207966	90.18	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	222841	134.55	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	553192	87.83	ng	0.00
79) Terphenyl-d14	20.00	244	1158746	97.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	17326	25.687	ng	97
3) Pyridine	3.88	79	13530	7.952	ng	91
4) n-Nitrosodimethylamine	3.78	42	25932	30.204	ng	83
6) Aniline	7.34	93	24044	8.381	ng	95
8) 2-Chlorophenol	7.59	128	93017	48.683	ng	98
9) Benzaldehyde	7.15	77	31409	25.664	ng	87
10) Phenol	7.24	94	61580	27.061	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	75971	43.181	ng	97
12) 1,3-Dichlorobenzene	7.89	146	101013	42.196	ng	96
13) 1,4-Dichlorobenzene	8.04	146	101538	41.922	ng	97
14) 1,2-Dichlorobenzene	8.36	146	98567	41.680	ng	95
15) Benzyl Alcohol	8.25	79	69763	39.889	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	105247	41.140	ng	97
17) 2-Methylphenol	8.48	107	71878	43.328	ng	98
18) Hexachloroethane	9.09	117	36050	41.254	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	69250	43.034	ng	90
20) 3+4-Methylphenols	8.81	107	86863	38.185	ng	# 78
22) Acetophenone	8.83	105	142736	46.878	ng	# 92
24) Nitrobenzene	9.22	77	106828	48.626	ng	98
25) Isophorone	9.73	82	195330	46.326	ng	98
26) 2-Nitrophenol	9.93	139	56706	53.463	ng	95
27) 2,4-Dimethylphenol	10.00	122	88611	58.289	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	104351	44.841	ng	97
29) 2,4-Dichlorophenol	10.48	162	99351	51.007	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	109020	44.409	ng	96
31) Naphthalene	10.86	128	290210	48.087	ng	99
32) Benzoic acid	10.16	122	18072	21.683	ng	90
33) 4-Chloroaniline	10.99	127	19162	7.746	ng	95
34) Hexachlorobutadiene	11.15	225	74365	40.978	ng	96
35) Caprolactam	11.76	113	8482m	12.644	ng	
36) 4-Chloro-3-methylphenol	12.13	107	106966	50.346	ng	98
37) 2-Methylnaphthalene	12.47	142	219660	47.436	ng	98
38) 1-Methylnaphthalene	12.68	142	211662	48.040	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	143733	44.626	ng	98

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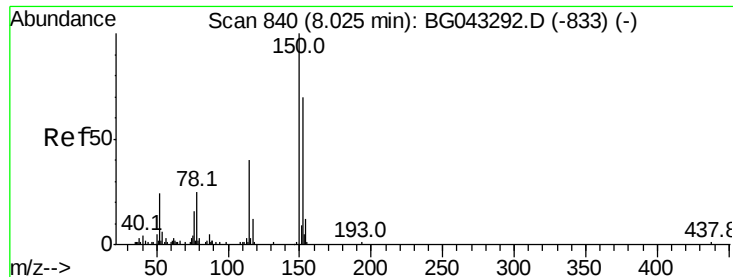
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	130703	77.251	nq	97
43) 2,4,6-Trichlorophenol	13.08	196	93826	49.466	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	101626	52.996	nq	97
46) 1,1'-Biphenyl	13.47	154	299646	45.259	nq	99
47) 2-Chloronaphthalene	13.52	162	229104	45.479	nq	99
48) 2-Nitroaniline	13.73	65	71569	47.535	nq	98
49) Acenaphthylene	14.36	152	381487	48.658	nq	99
50) Dimethylphthalate	14.09	163	351181	52.096	nq	99
51) 2,6-Dinitrotoluene	14.22	165	69847	47.694	nq	96
52) Acenaphthene	14.70	154	227169	47.513	nq	95
53) 3-Nitroaniline	14.56	138	19928	14.094	nq	100
54) 2,4-Dinitrophenol	14.76	184	79722	86.522	nq	95
55) Dibenzofuran	15.04	168	375422	48.419	nq	99
56) 4-Nitrophenol	14.90	139	53484	56.446	nq	91
57) 2,4-Dinitrotoluene	15.00	165	101361	48.430	nq	# 98
58) Fluorene	15.69	166	315904	48.578	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	100906	49.527	nq	# 95
60) Diethylphthalate	15.45	149	310158	45.791	nq	98
61) 4-Chlorophenyl-phenylether	15.68	204	177949	46.907	nq	100
62) 4-Nitroaniline	15.72	138	64073	43.879	nq	94
63) Azobenzene	15.97	77	264689	48.285	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	64401	51.323	nq	94
66) n-Nitrosodiphenylamine	15.90	169	276190	45.880	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	130158	45.359	nq	96
68) Hexachlorobenzene	16.70	284	148184	44.988	nq	98
69) Atrazine	16.84	200	113674	54.344	nq	99
70) Pentachlorophenol	17.05	266	143361	95.518	nq	97
71) Phenanthrene	17.43	178	520756	47.694	nq	100
72) Anthracene	17.52	178	539050	49.344	nq	100
73) Carbazole	17.79	167	482892	48.813	nq	98
74) Di-n-butylphthalate	18.34	149	568445	47.357	nq	99
75) Fluoranthene	19.44	202	686279	48.212	nq	99
77) Benzidine	19.66	184	102955m	22.991	nq	
78) Pyrene	19.80	202	688426	49.985	nq	100
80) Butylbenzylphthalate	20.68	149	254022	48.682	nq	95
81) Benzo(a)anthracene	21.64	228	691267	49.598	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	109997	20.405	nq	99
83) Chrysene	21.70	228	679161	49.044	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	362705	48.934	nq	100
85) Di-n-octyl phthalate	22.73	149	624357	49.650	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	874767	50.324	nq	# 96
88) Benzo(b)fluoranthene	23.84	252	718728	48.672	nq	98
89) Benzo(k)fluoranthene	23.91	252	734080	49.380	nq	98
90) Benzo(a)pyrene	24.70	252	666435	47.261	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	750874	52.059	nq	100
92) Benzo(g,h,i)perylene	29.64	276	738367	51.898	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

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Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

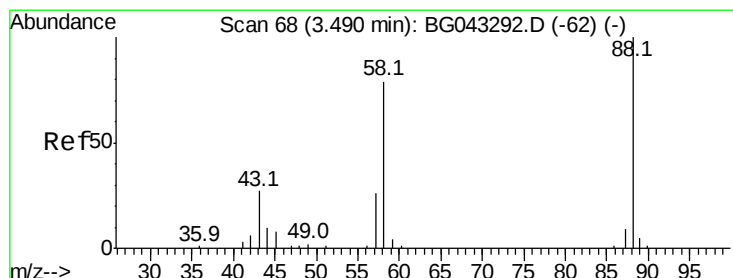
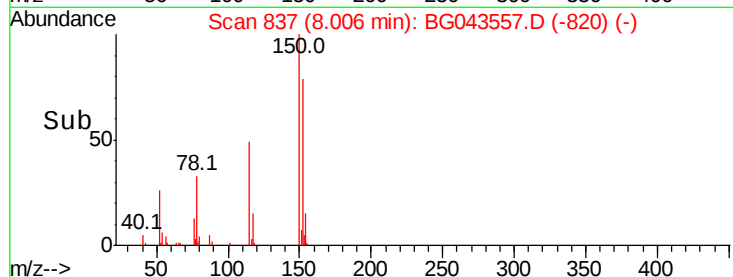
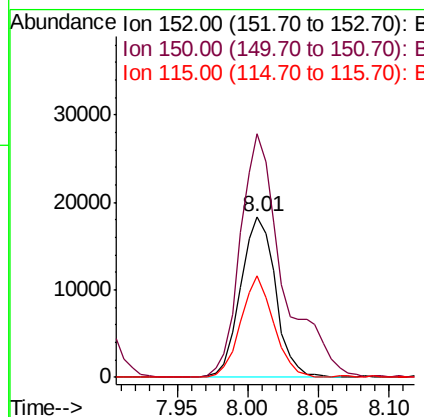
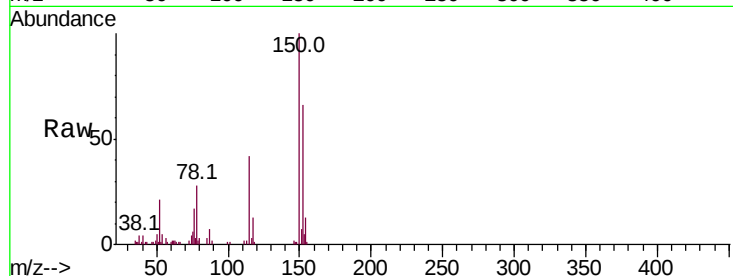
ClientSampleId :

PB124608BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	129.4	194.0
115	62.8	48.8	73.2

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#2

1,4-Dioxane

Concen: 25.687 ng

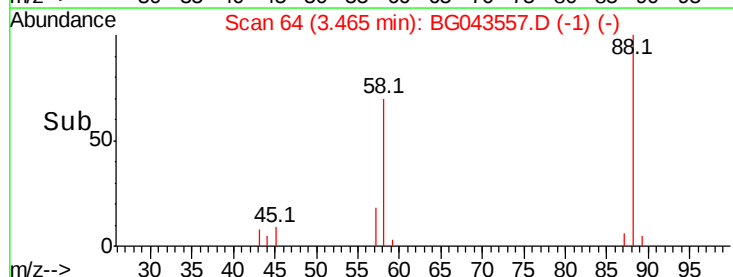
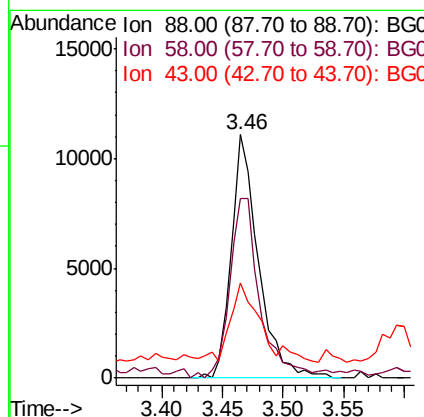
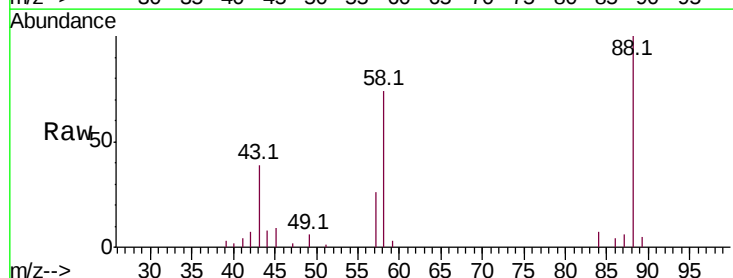
RT: 3.46 min Scan# 64

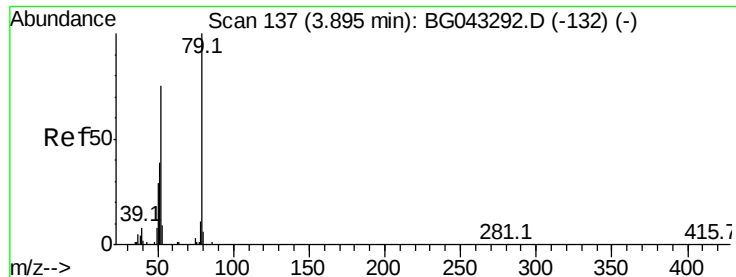
Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	62.7	94.1
43	29.2	23.7	35.5





#3

Pvridine

Concen: 7.952 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

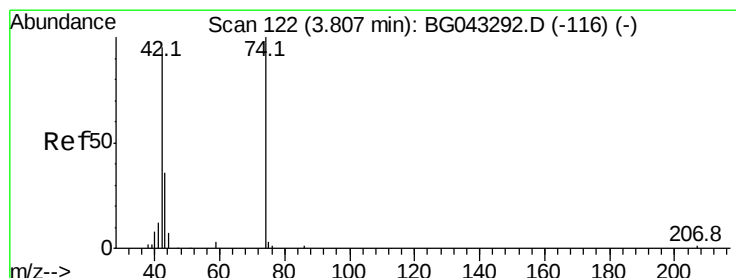
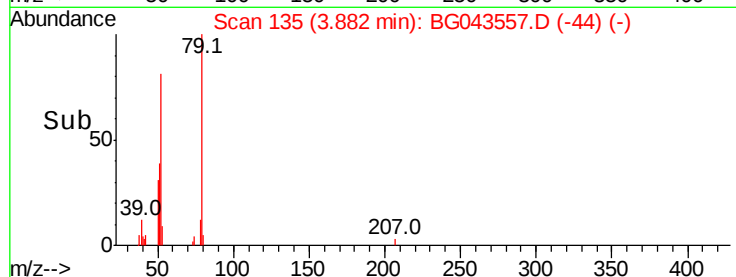
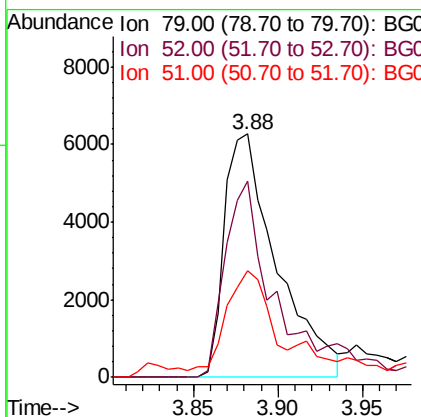
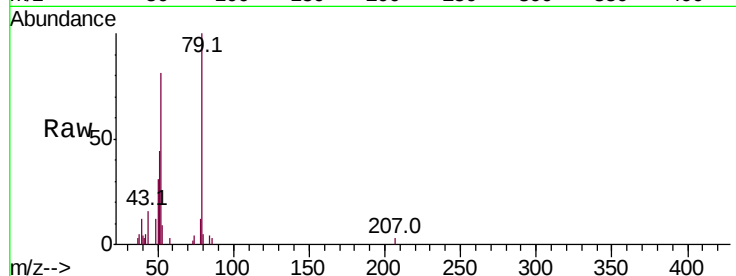
ClientSampleId :

PB124608BS

Tot Ion:	79	Resp:	13530
Ion Ratio	Lower	Upper	
79	100		
52	80.6	56.5	84.7
51	44.0	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 30.204 ng

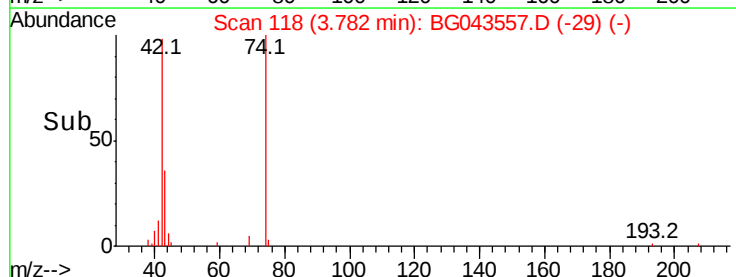
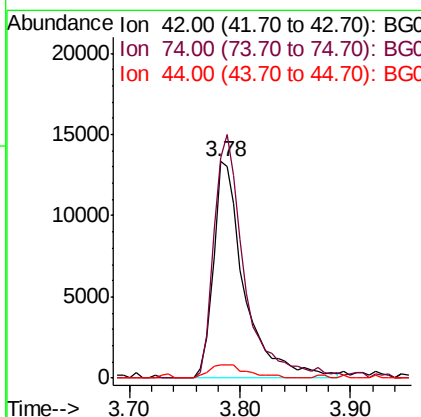
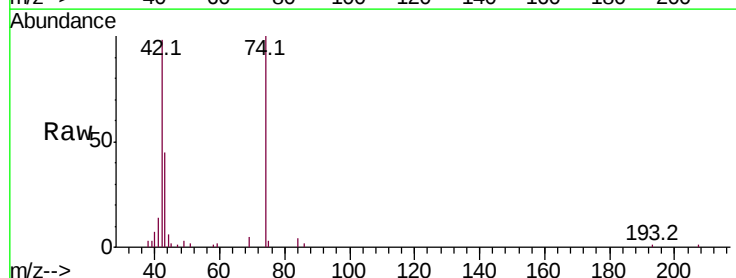
RT: 3.78 min Scan# 118

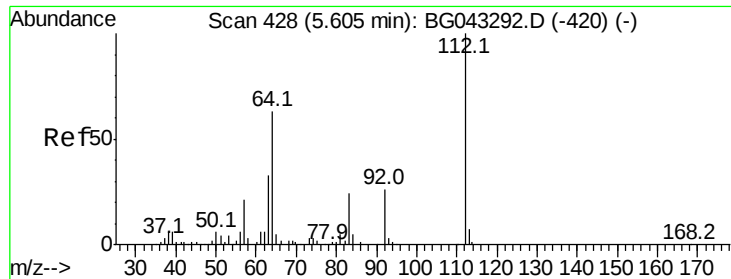
Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	42	Resp:	25932
Ion Ratio	Lower	Upper	
42	100		
74	102.2	97.3	145.9
44	6.1	4.4	6.6





#5

2-Fluorophenol

Concen: 96.010 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

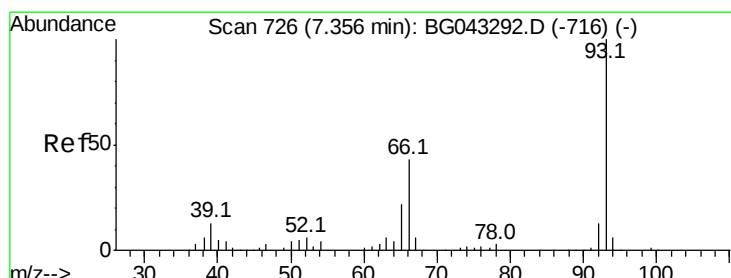
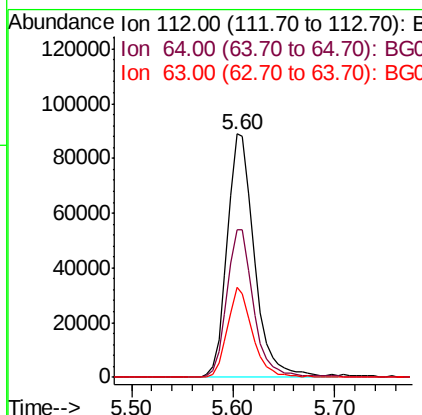
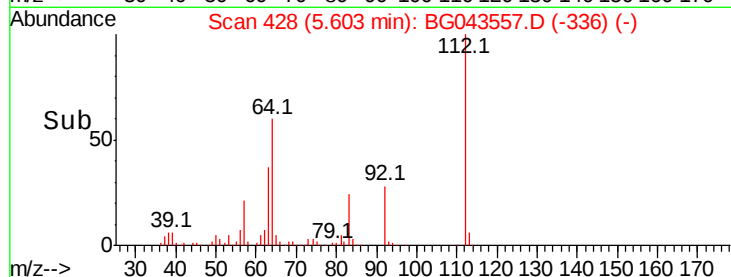
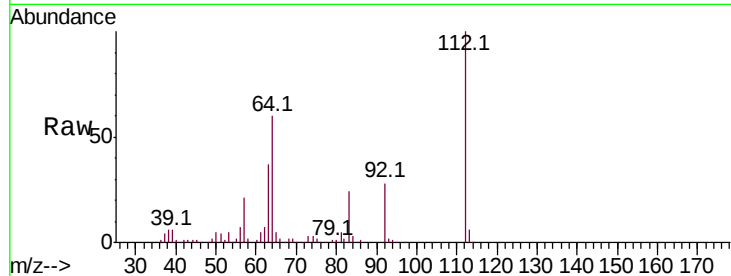
ClientSampleId :

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Tot Ion:	112	Resp:	166180
Ion Ratio	Lower	Upper	
112	100		
64	60.4	50.0	75.0
63	37.0	26.6	40.0

Manual Integrations
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#6

Aniline

Concen: 8.381 ng

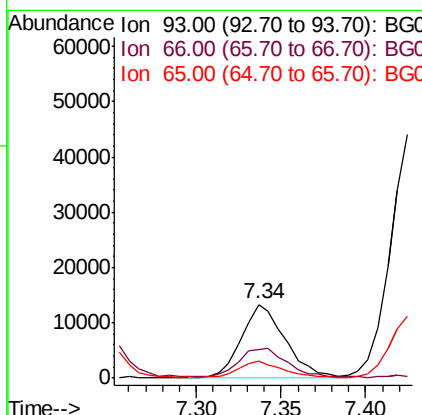
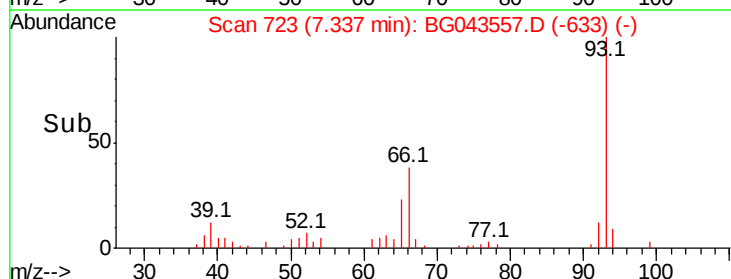
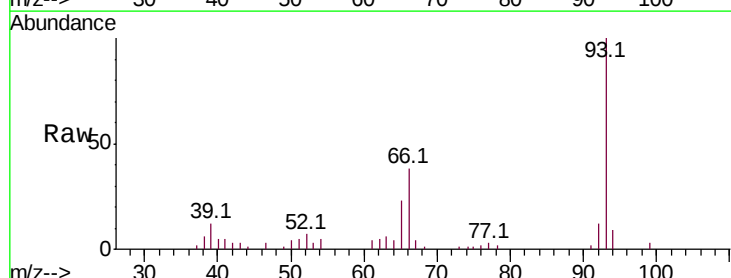
RT: 7.34 min Scan# 723

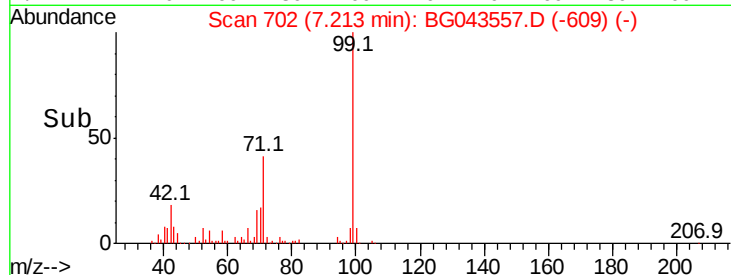
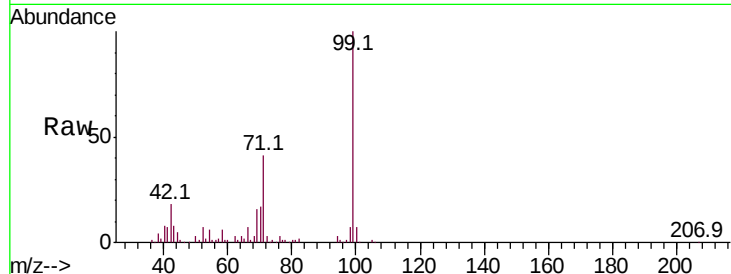
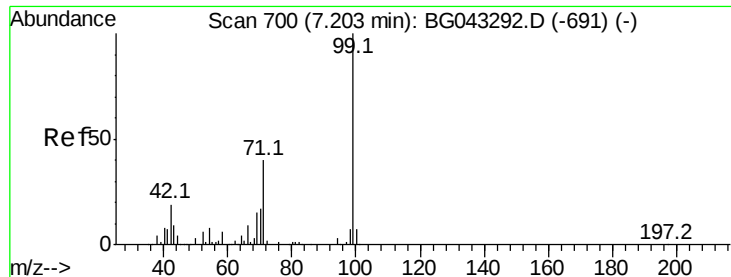
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	93	Resp:	24044
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.3	48.5
65	23.1	16.1	24.1





#7

Phenol-d6

Concen: 59.342 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tot Ion	99	Resp	147779
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.6	21.8
71	40.6	32.5	48.7

Instrument :

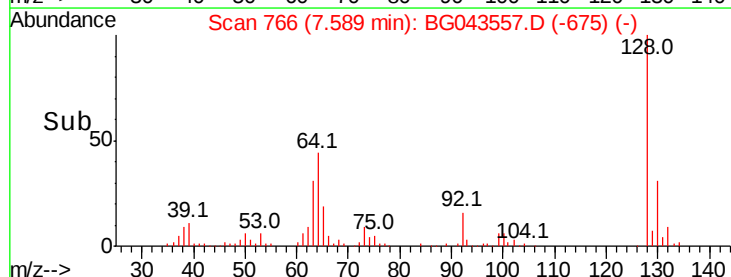
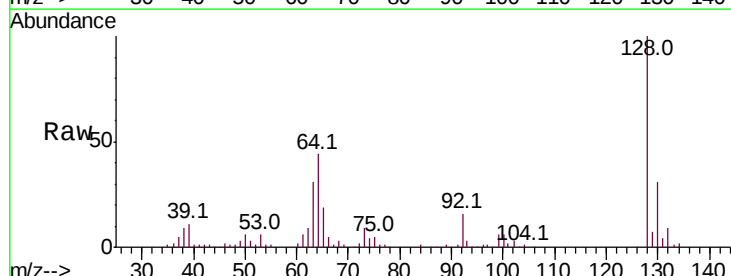
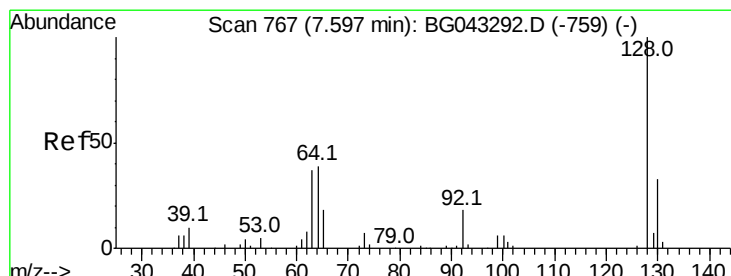
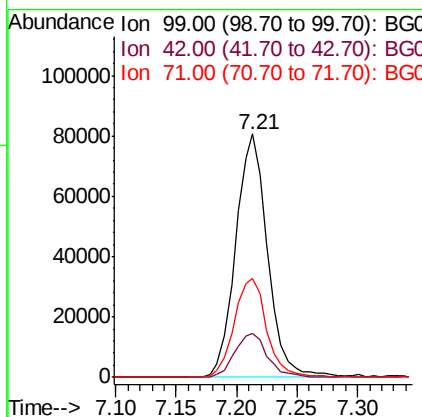
BNA_G

ClientSampled :

PB124608BS

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#8

2-Chlorophenol

Concen: 48.683 ng

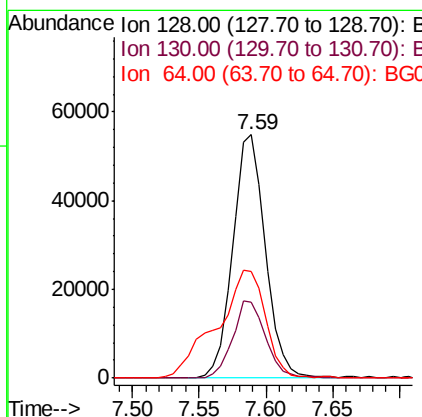
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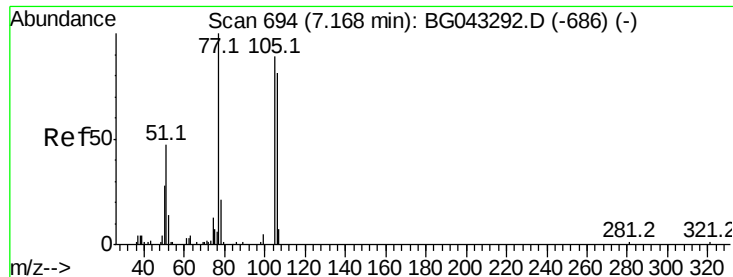
Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion	128	Resp	93017
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.5	52.5
64	43.9	25.3	65.3





#9

Benzaldehyde

Concen: 25.664 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

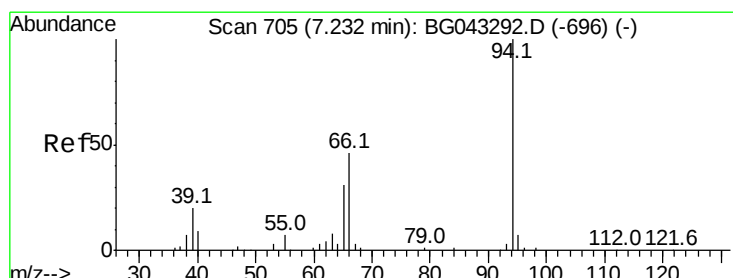
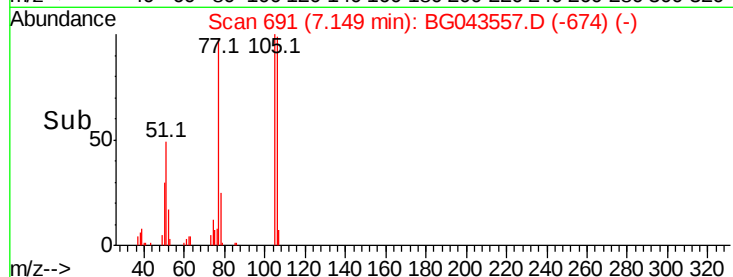
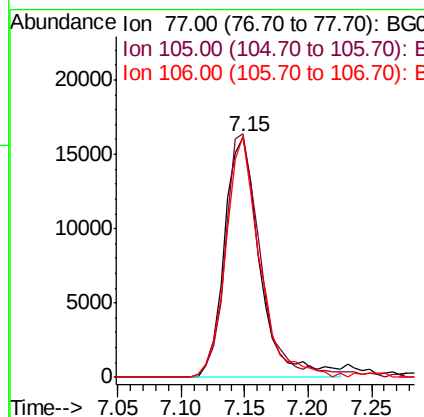
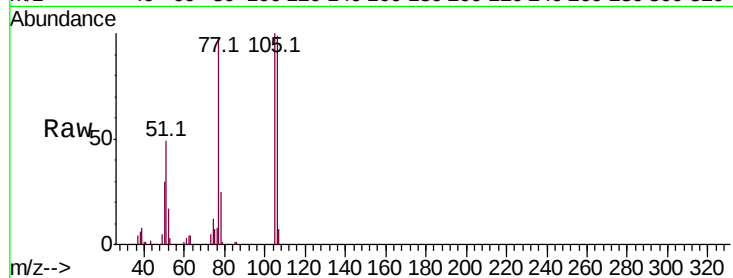
ClientSampleId :

PB124608BS

Tot Ion:	77	Resp:	31409
Ion	Ratio	Lower	Upper
77	100		
105	101.6	68.6	108.6
106	100.6	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 27.061 ng

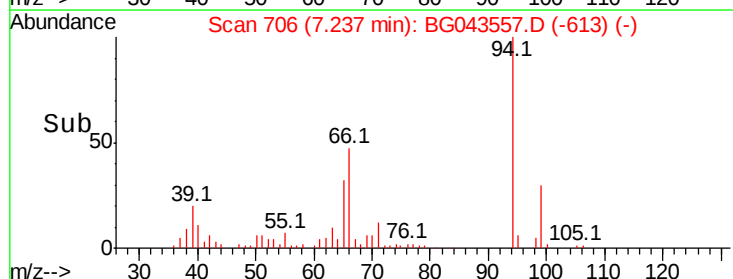
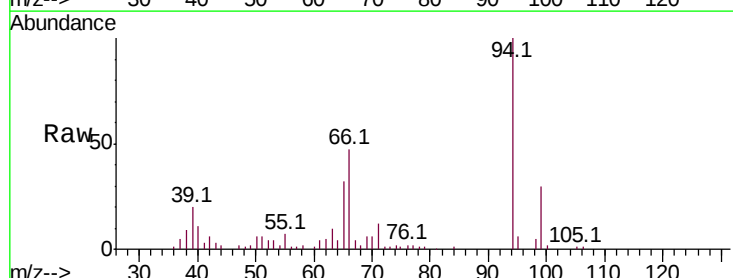
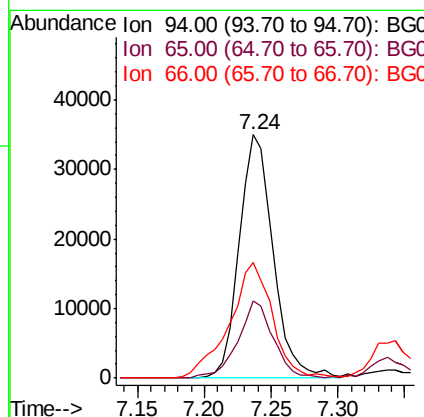
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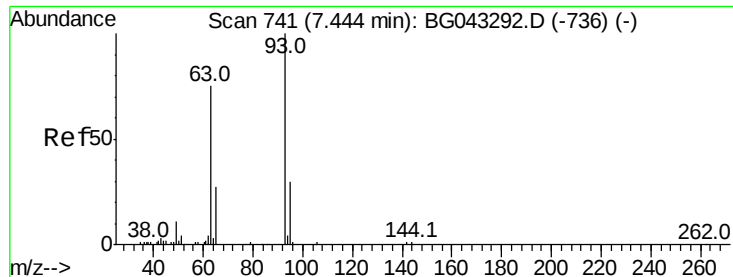
Delta R.T. 0.02 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	94	Resp:	61580
Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.6	52.6
66	47.4	30.7	70.7





#11

bis(2-Chloroethyl)ether

Concen: 43.181 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

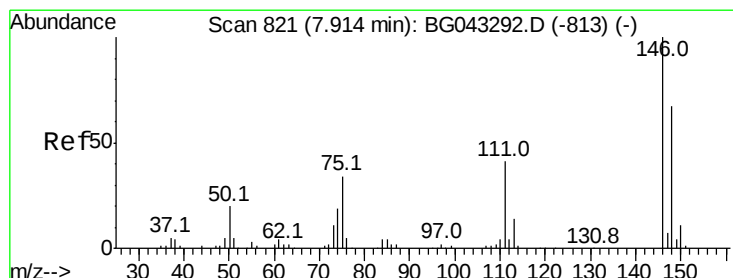
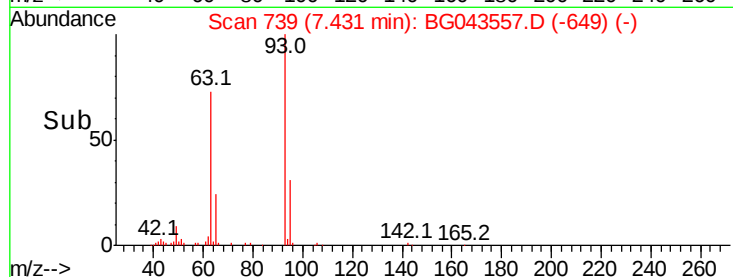
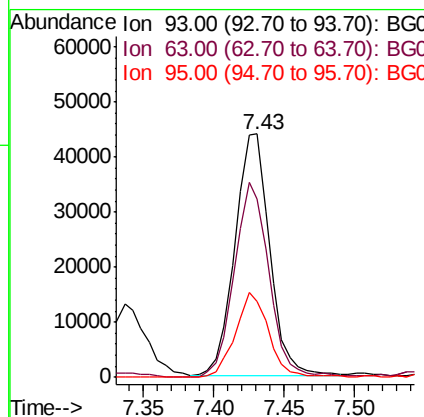
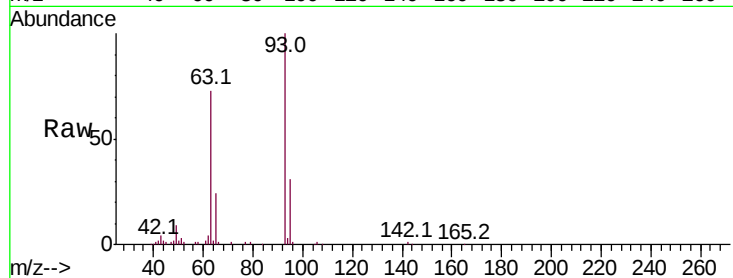
ClientSampleId :

PB124608BS

Tot Ion:	93	Resp:	75971
Ion Ratio	Lower	Upper	
93	100		
63	73.4	56.3	96.3
95	31.4	12.2	52.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 42.196 ng

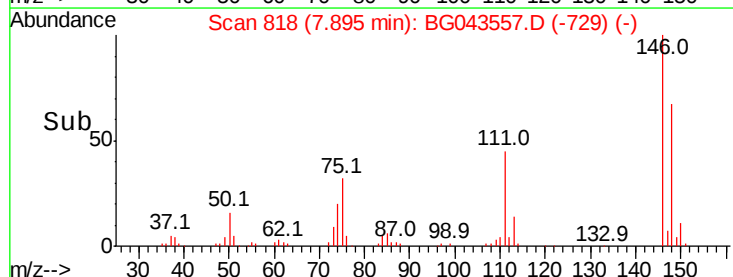
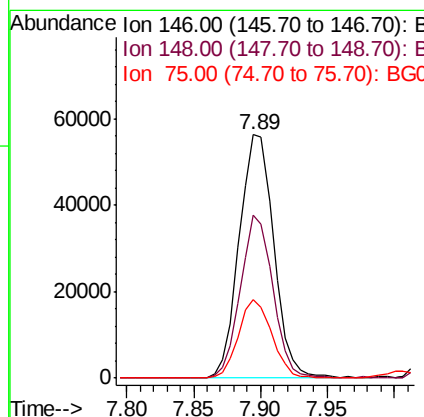
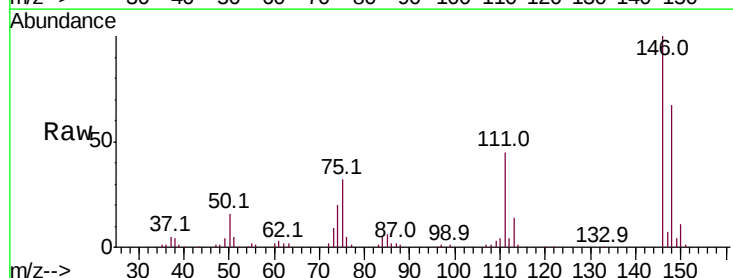
RT: 7.89 min Scan# 818

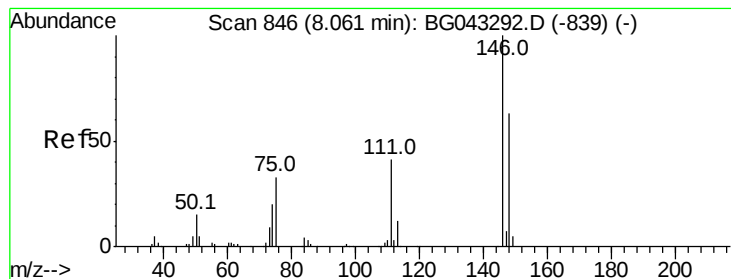
Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	146	Resp:	101013
Ion Ratio	Lower	Upper	
146	100		
148	66.8	50.3	75.5
75	32.5	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 41.922 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

ClientSampled :

PB124608BS

Tot Ion:146 Resp: 101538

Ion Ratio Lower Upper

146 100

148 62.1 50.7 76.1

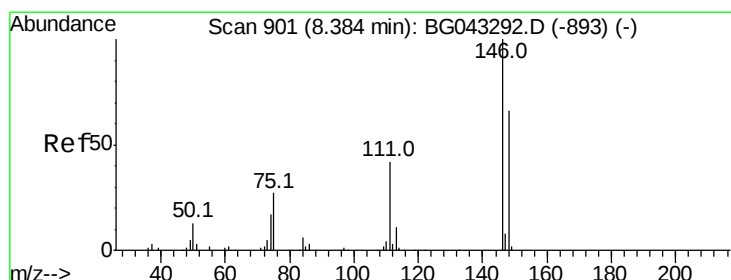
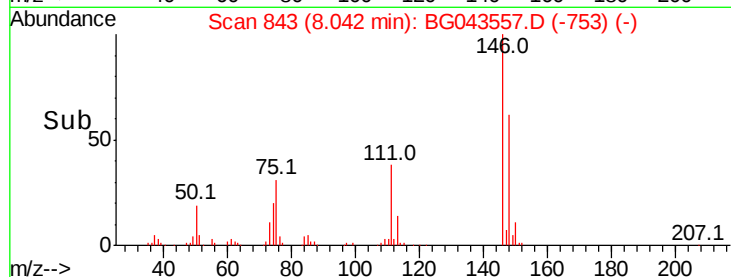
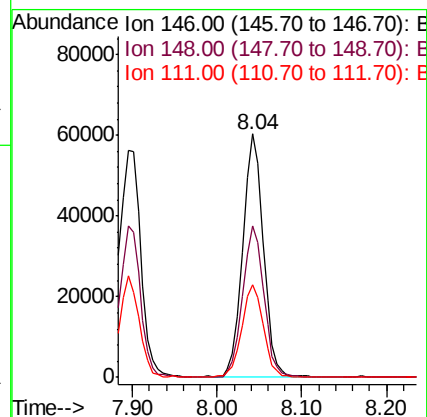
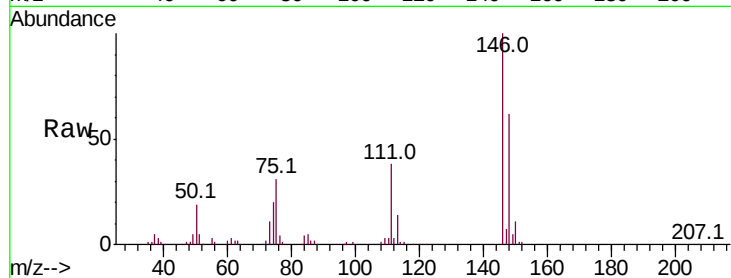
111 38.0 33.4 50.2

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 41.680 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

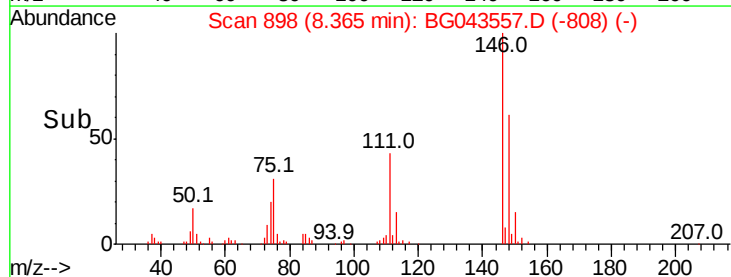
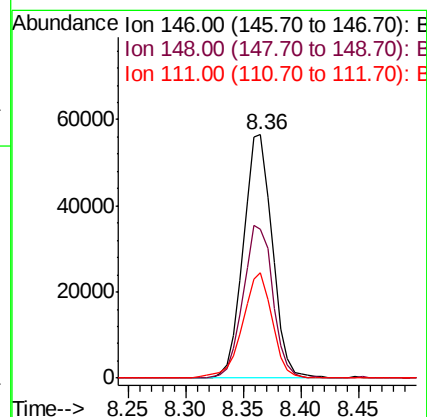
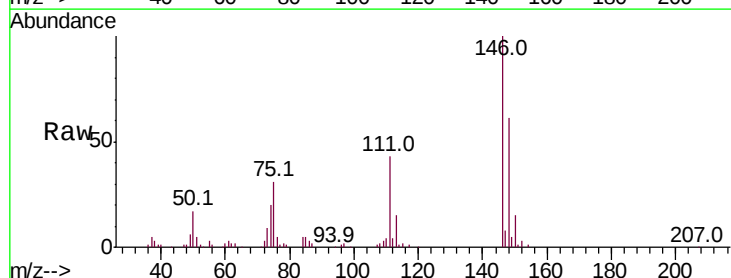
Tgt Ion:146 Resp: 98567

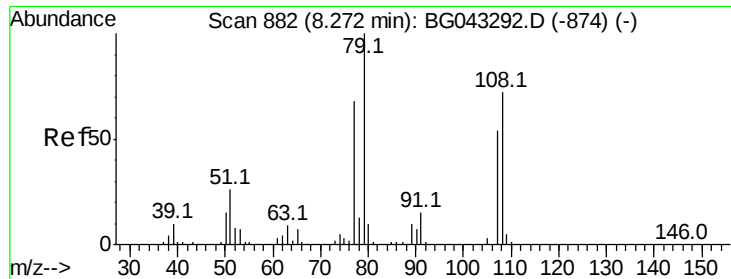
Ion Ratio Lower Upper

146 100

148 61.3 53.2 79.8

111 43.3 35.8 53.6





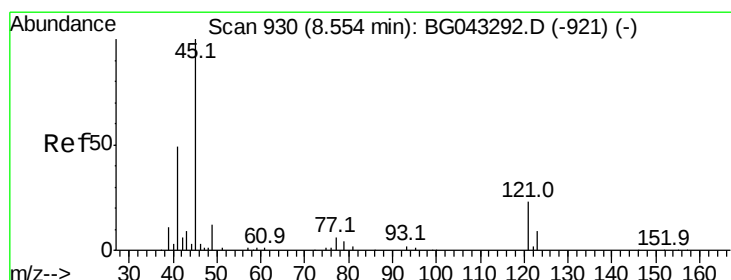
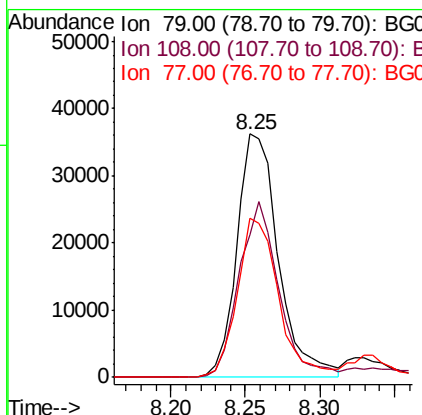
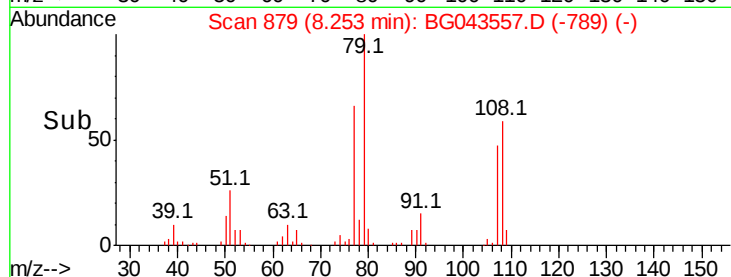
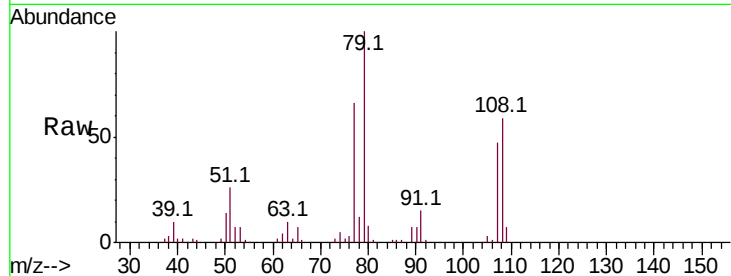
#15
Benzyl Alcohol
Concen: 39.889 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleID :
PB124608BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	58.7	53.6	80.4
77	65.5	49.6	74.4

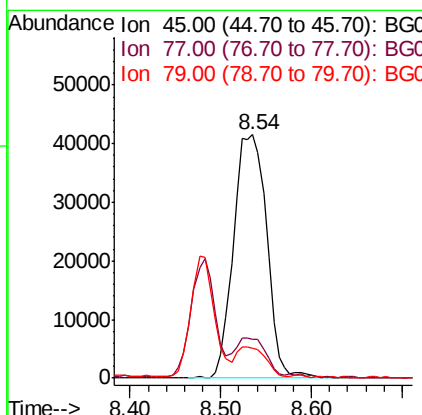
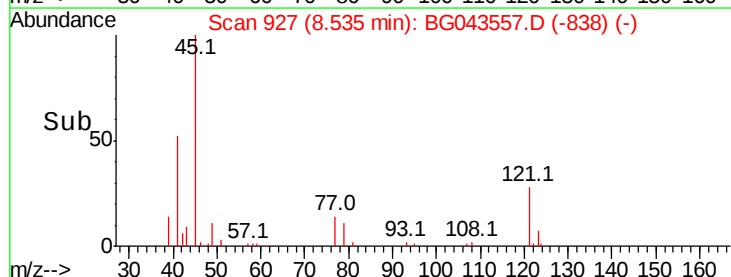
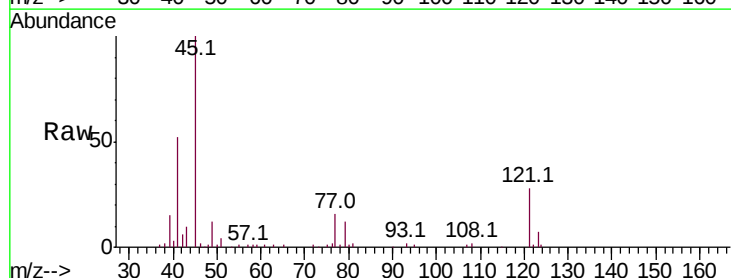
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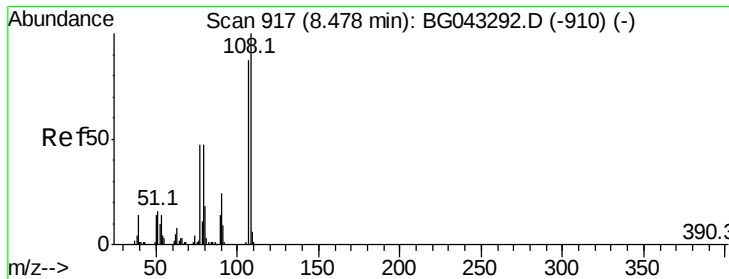
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.140 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	34.9
79	12.1	0.0	33.0





#17

2-Methylphenol

Concen: 43.328 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

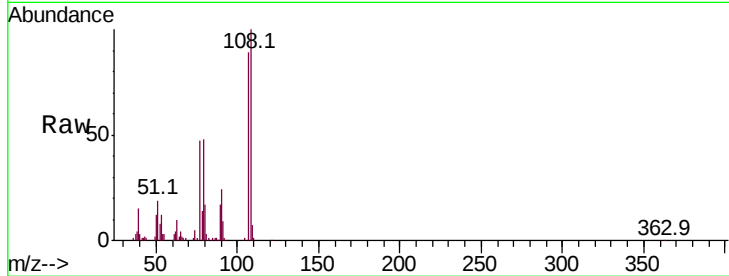
ClientSampleId :

PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	90.2	135.4	
77	53.1	40.2	60.2	
79	53.7	44.0	66.0	

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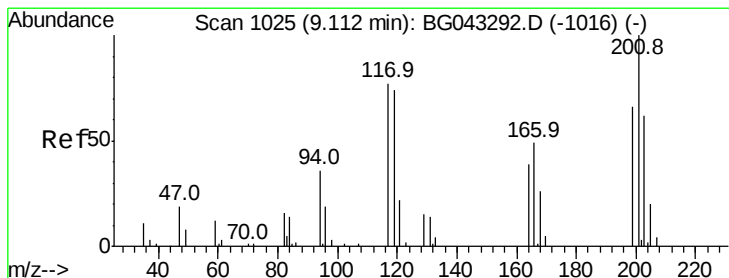
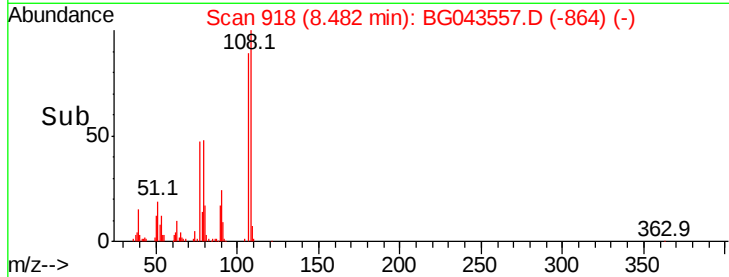
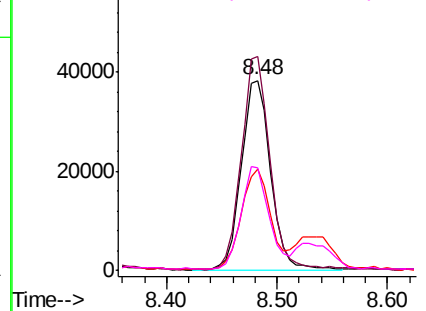
Abundance

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: 41.254 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

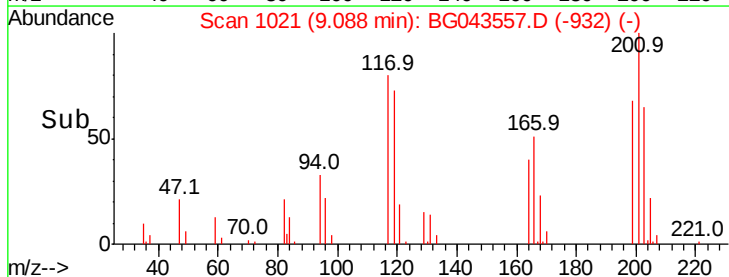
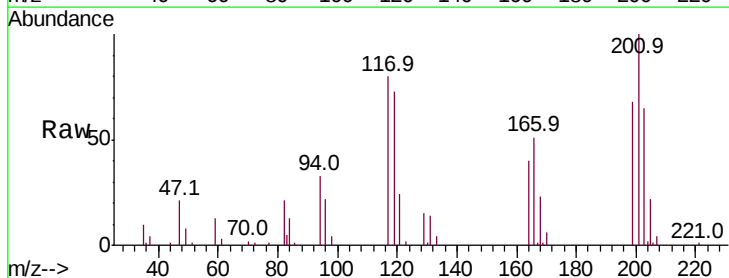
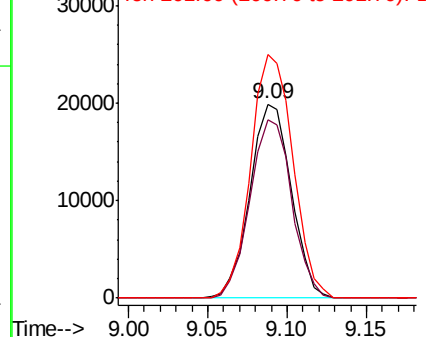
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.1	79.0	118.4	
201	125.6	105.4	158.2	

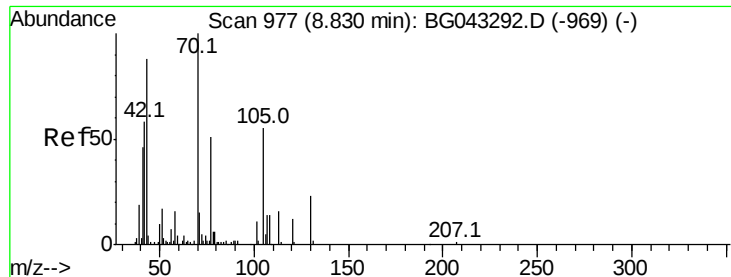
Abundance

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





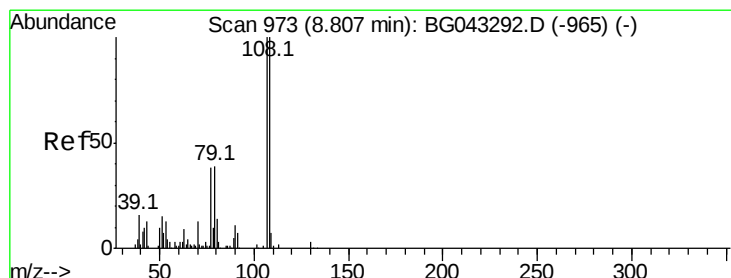
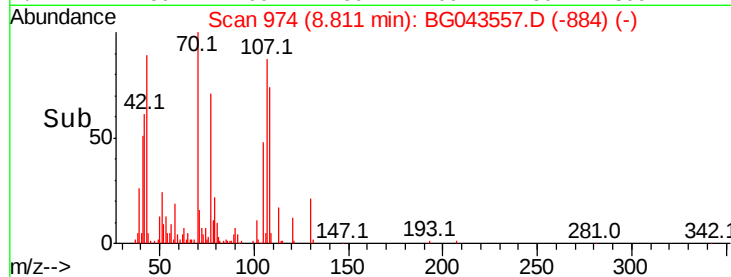
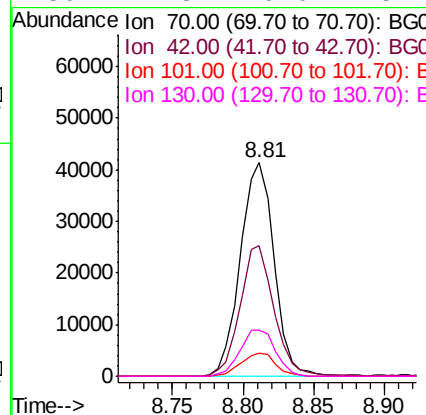
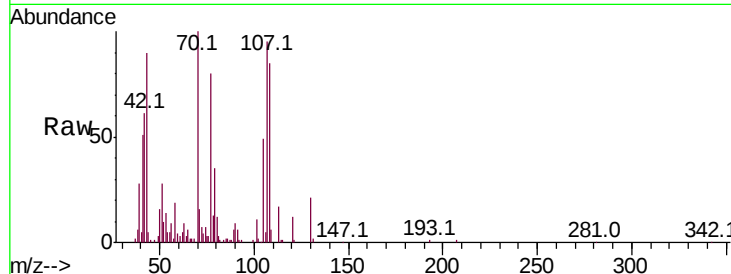
#19
n-Nitroso-di-n-propylamine
Concen: 43.034 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.1	41.4	62.2		
101	11.0	7.9	11.9		
130	21.3	19.0	28.4		

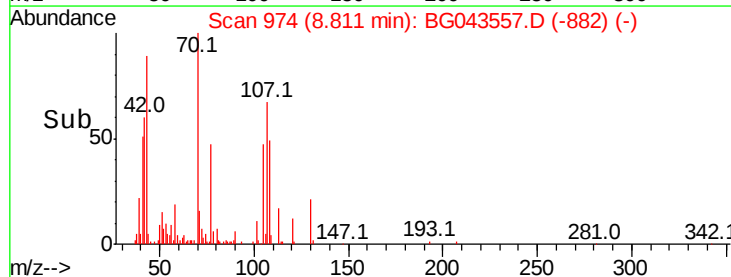
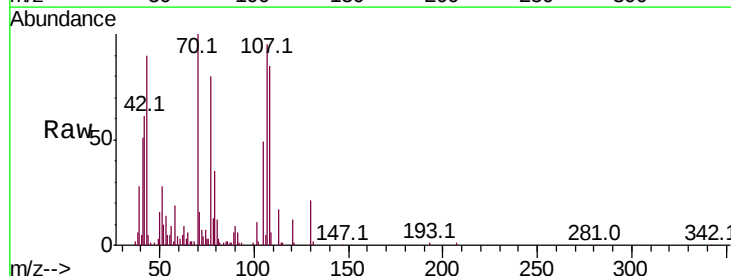
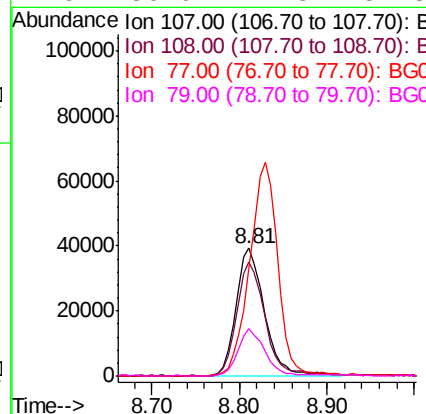
Manual Integrations
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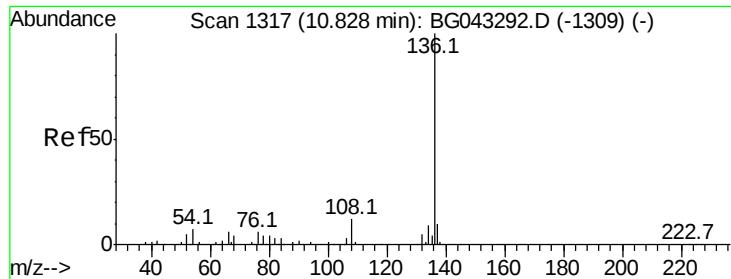
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#20
3+4-Methylphenols
Concen: 38.185 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	66.6	106.6		
77	84.7	20.9	60.9		
79	36.9	11.3	51.3		





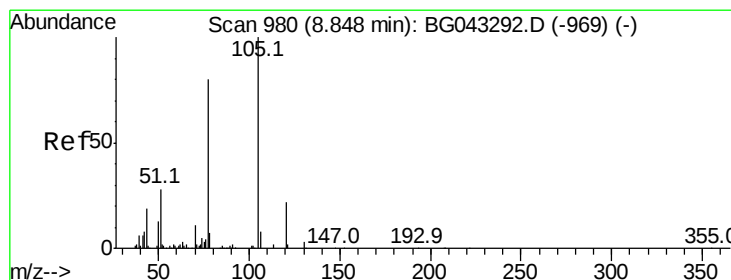
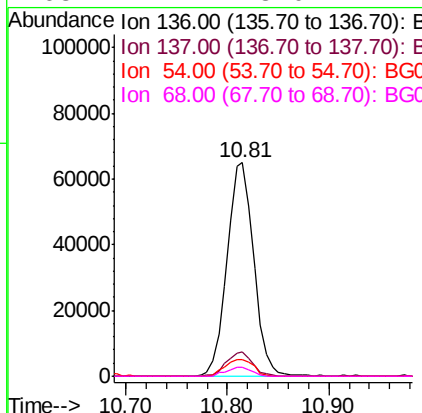
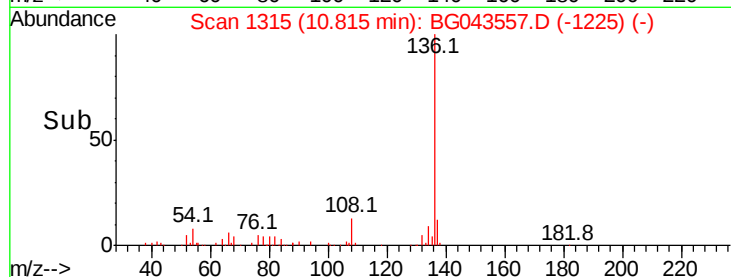
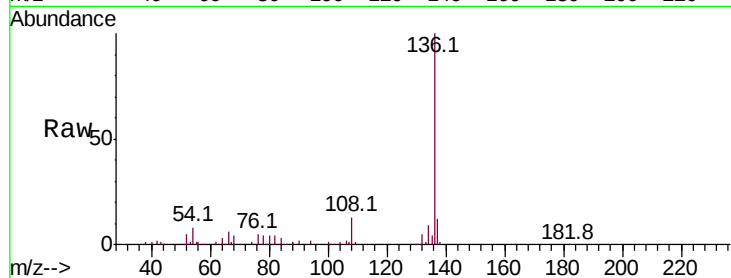
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.7	13.1	
54	7.9	5.4	8.2	
68	4.1	3.0	4.4	

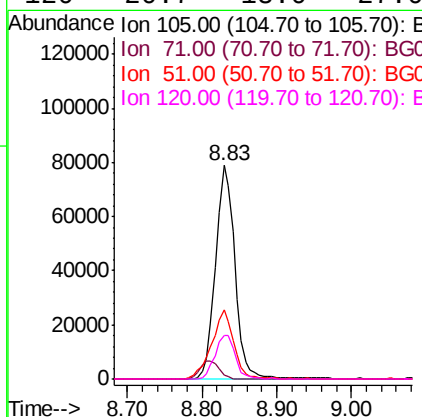
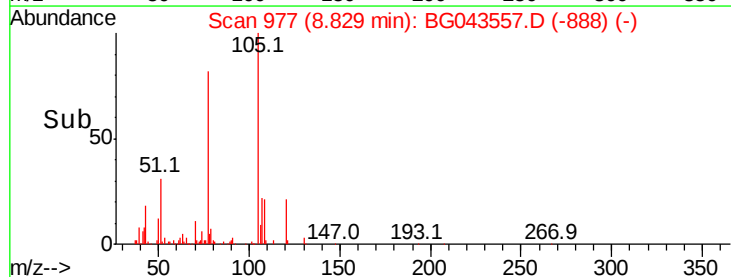
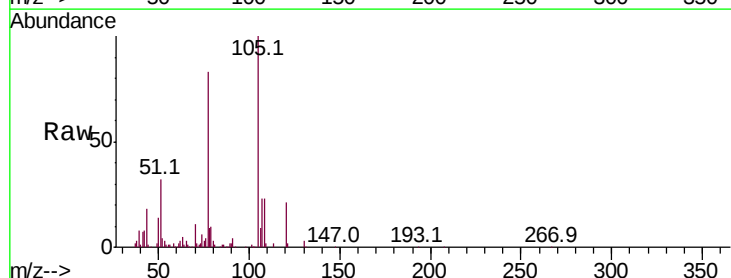
Manual Integrations
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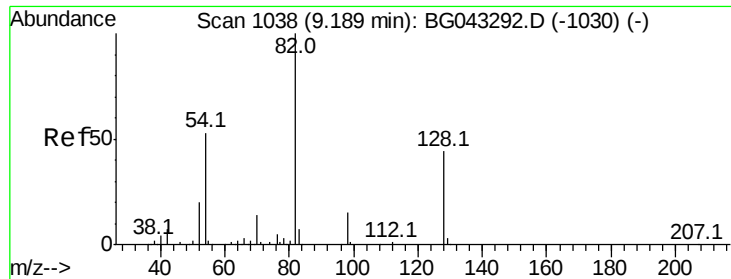
Sohil
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#22
Acetophenone
Concen: 46.878 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	0.8	1.2#	
51	32.1	21.0	31.4#	
120	20.7	18.0	27.0	





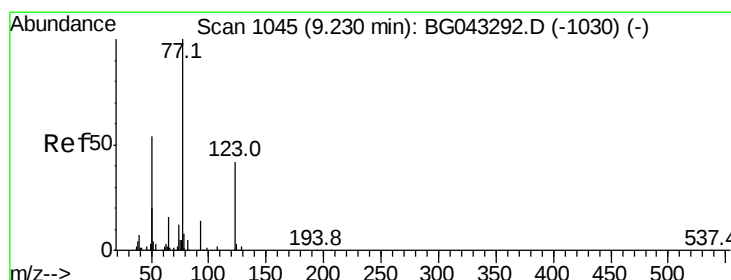
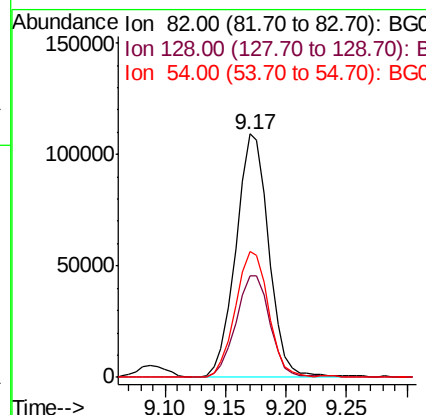
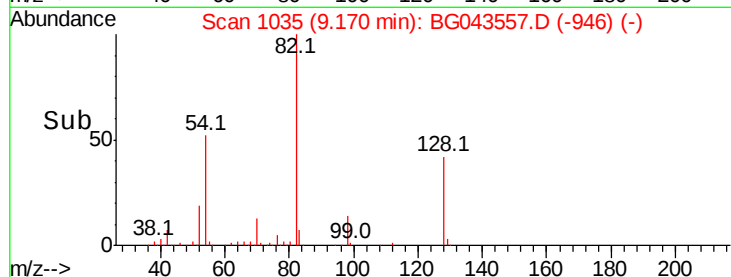
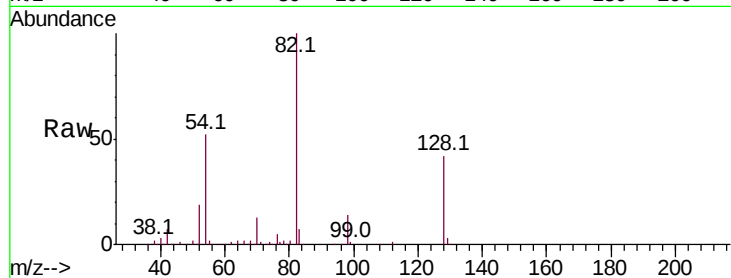
#23
Nitrobenzene-d5
Concen: 90.175 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.8	35.0	52.6	
54	51.8	40.2	60.2	

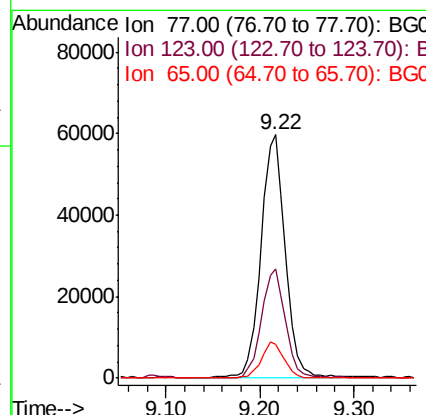
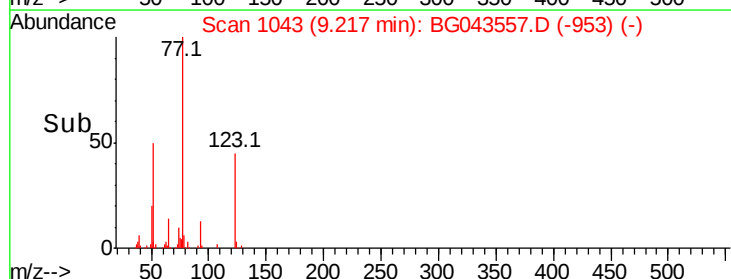
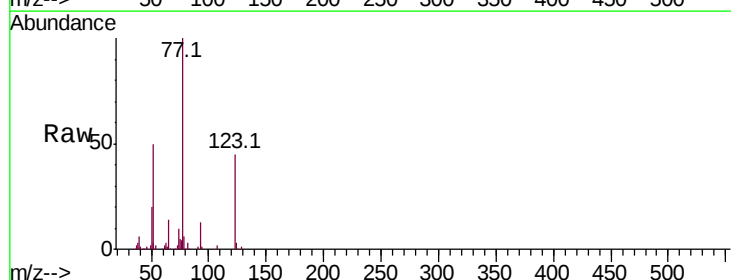
Manual Integrations
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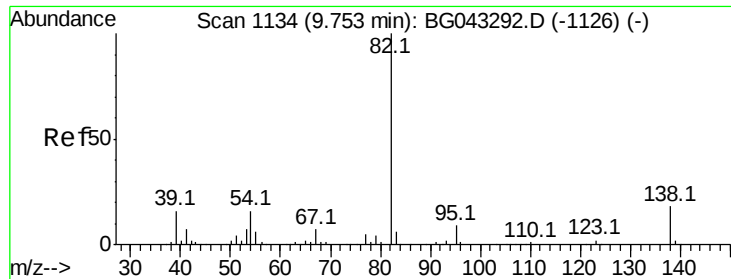
Sohil
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#24
Nitrobenzene
Concen: 48.626 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.7	35.0	52.6	
65	14.0	9.5	14.3	





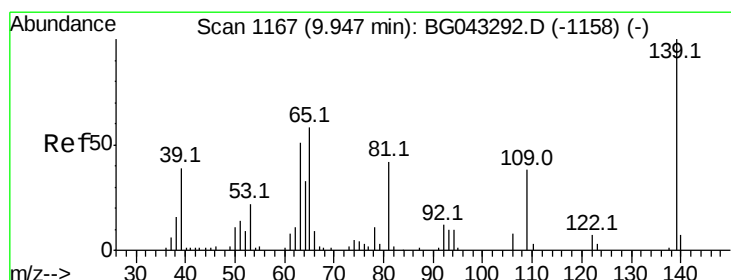
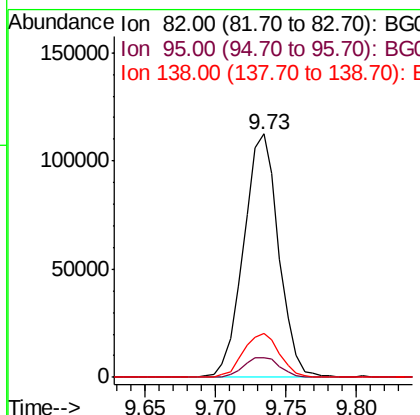
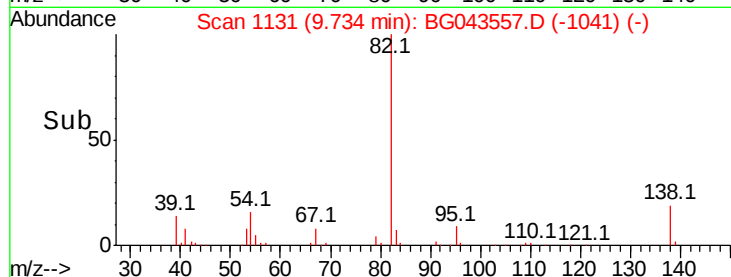
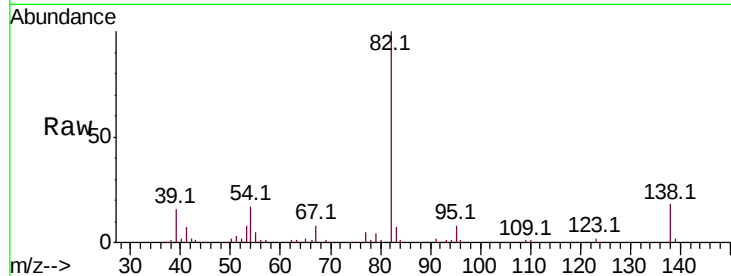
#25
Isophorone
Concen: 46.326 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	6.6	9.8	
138	18.1	15.2	22.8	

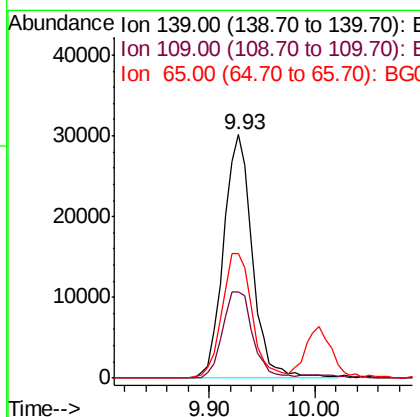
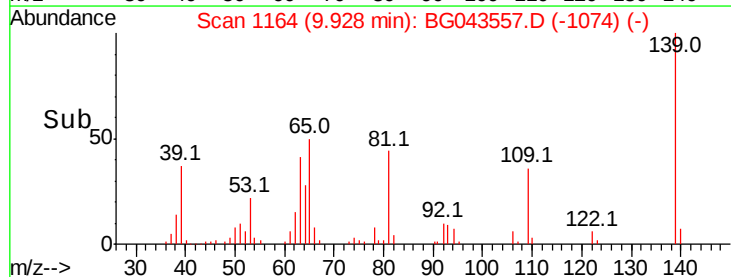
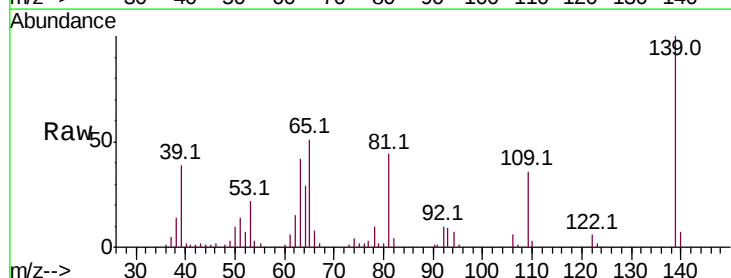
Manual Integrations
APPROVED

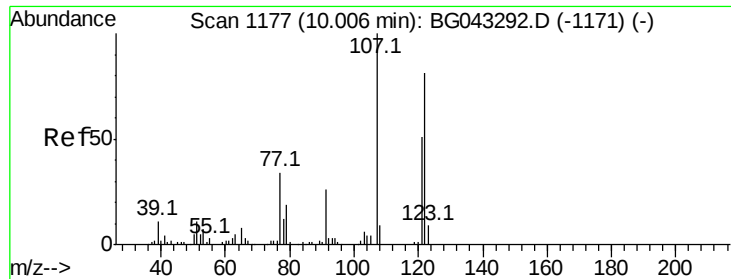
Sohil
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#26
2-Nitrophenol
Concen: 53.463 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.5	26.5	39.7	
65	51.1	43.8	65.8	





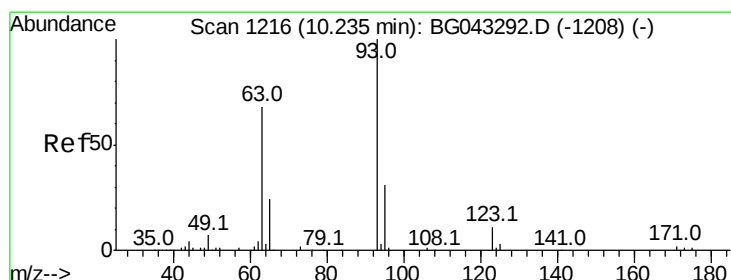
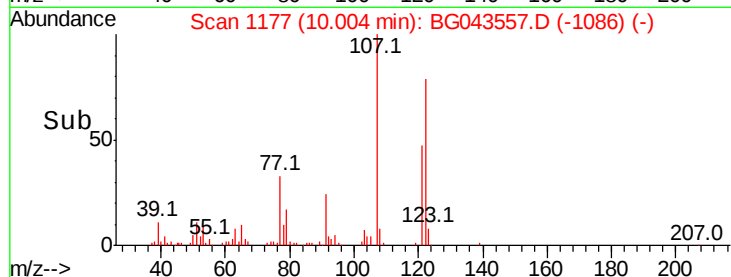
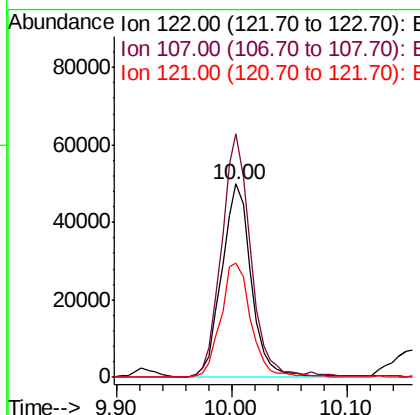
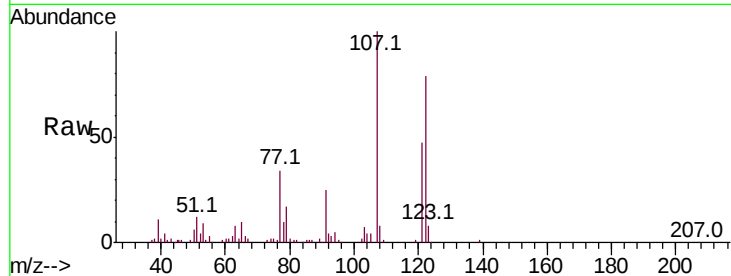
#27
2,4-Dimethylphenol
Concen: 58.289 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.9	104.4	156.6
121	59.3	47.2	70.8

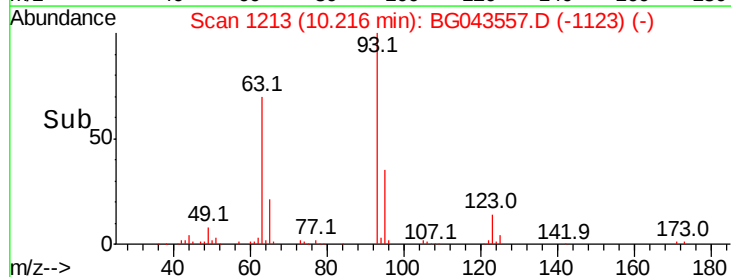
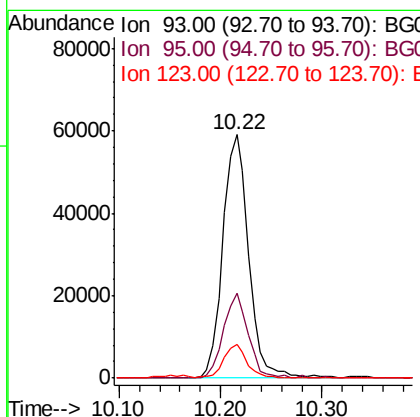
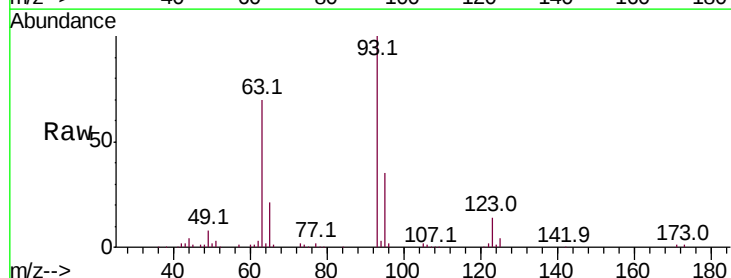
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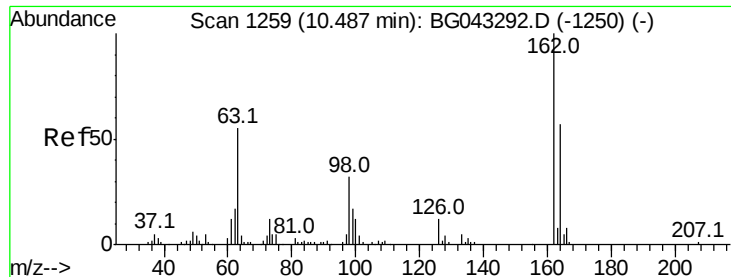
Sohil
11/8/2019 3:33:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.841 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.0	26.0	39.0
123	13.7	10.6	15.8





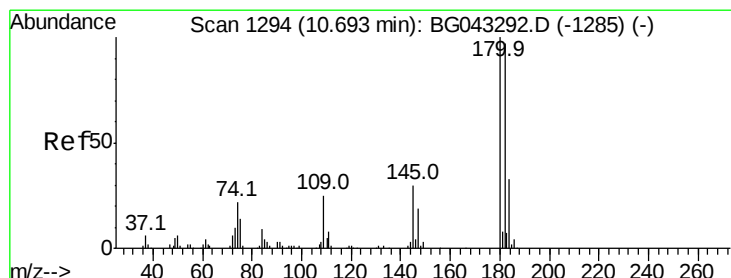
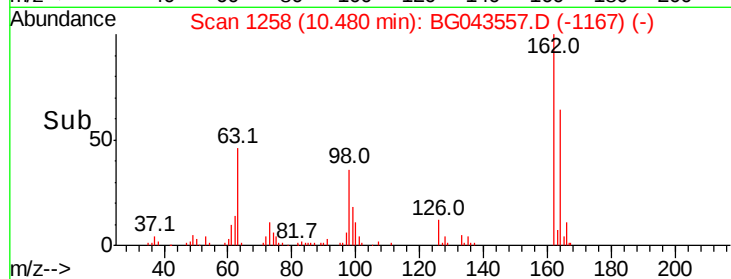
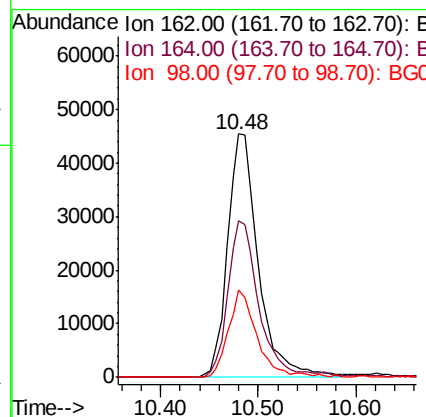
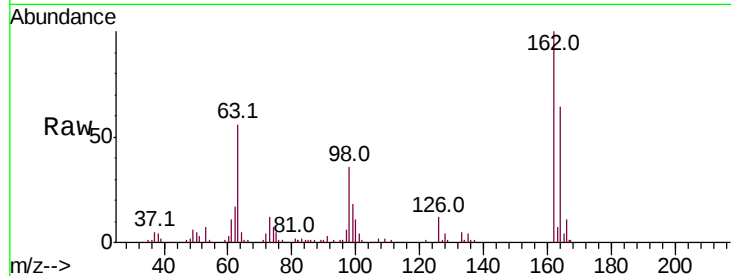
#29
 2,4-Dichlorophenol
 Concen: 51.007 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tot Ion:	162	Resp:	99351
Ion Ratio	Lower	Upper	
162	100		
164	64.5	48.9	88.9
98	35.8	15.1	55.1

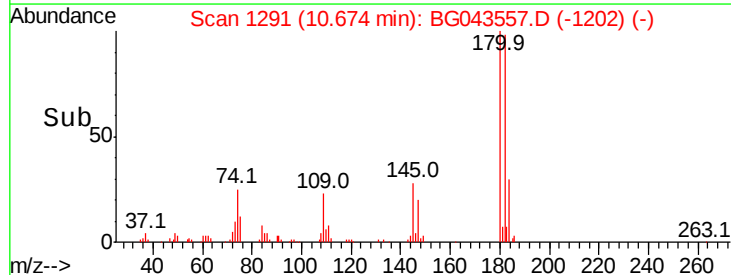
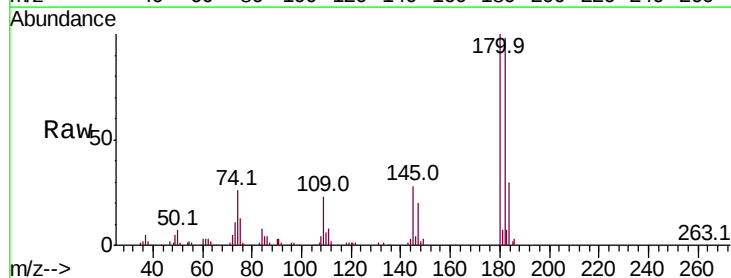
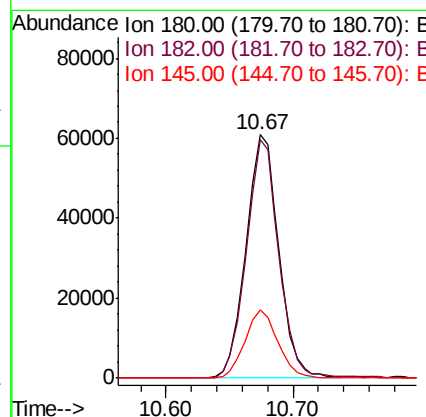
Manual Integrations
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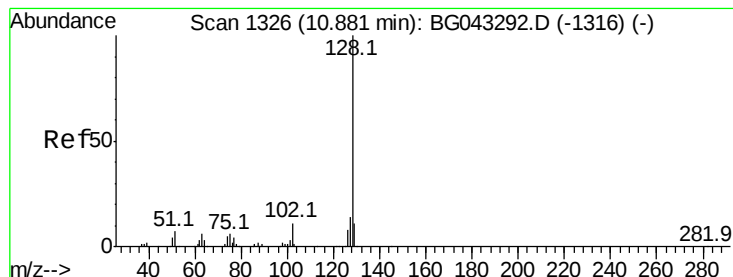
Sohil
 11/8/2019 3:33:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.409 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:	180	Resp:	109020
Ion Ratio	Lower	Upper	
180	100		
182	97.8	75.1	112.7
145	28.2	23.9	35.9





#31

Naphthalene

Concen: 48.087 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

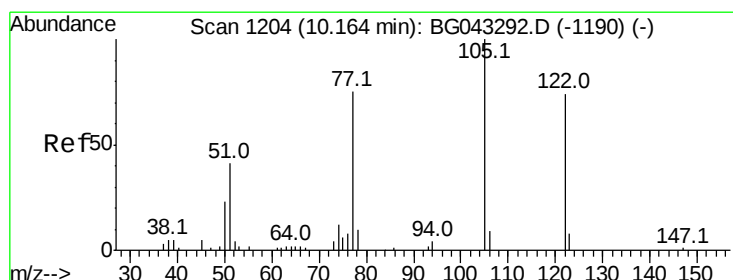
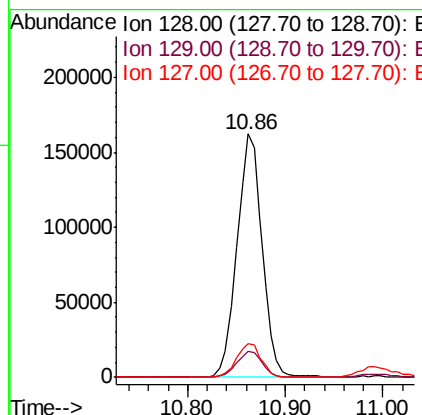
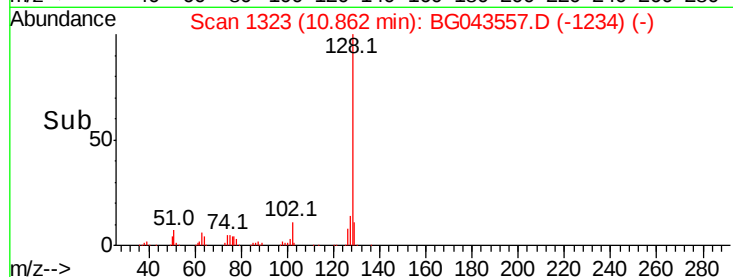
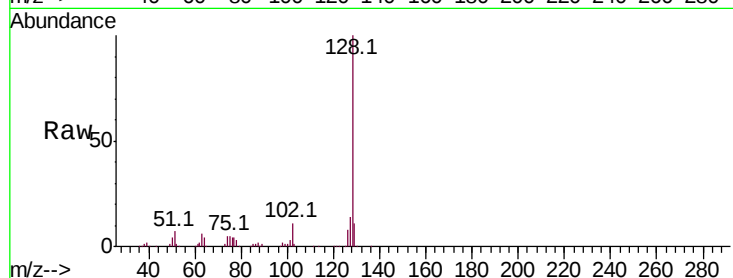
ClientSampleId :

PB124608BS

Tot Ion:	128	Resp:	290210
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.4	14.0
127	13.8	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 21.683 ng

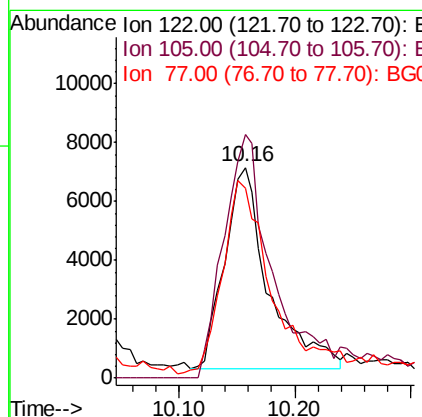
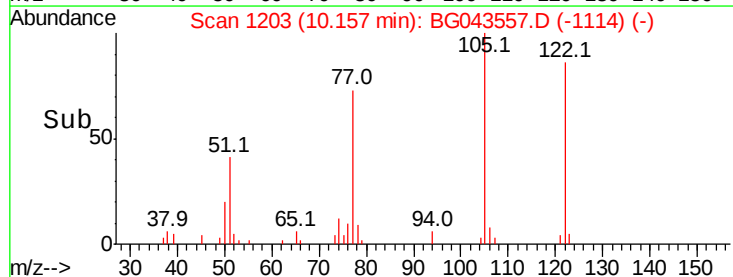
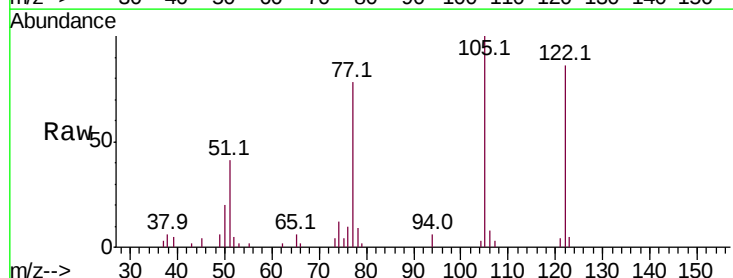
RT: 10.16 min Scan# 1203

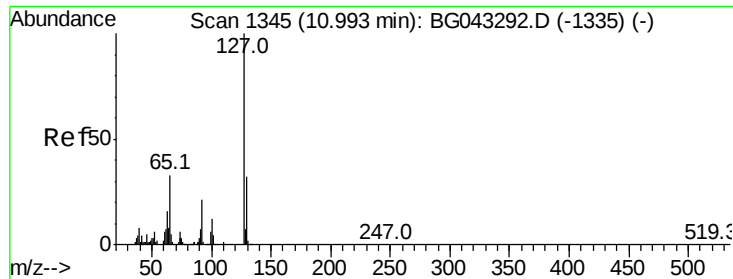
Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	122	Resp:	18072
Ion Ratio	Lower	Upper	
122	100		
105	115.7	103.3	143.3
77	90.5	84.9	124.9





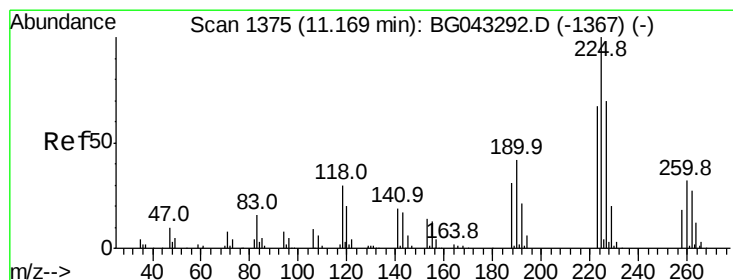
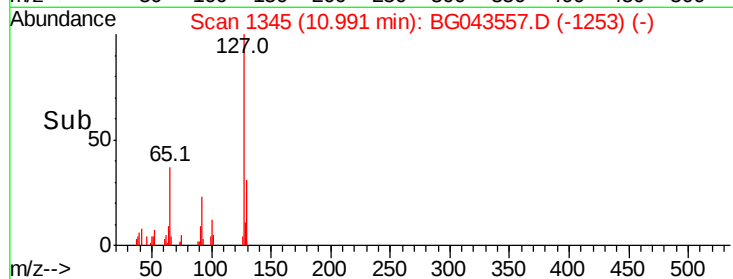
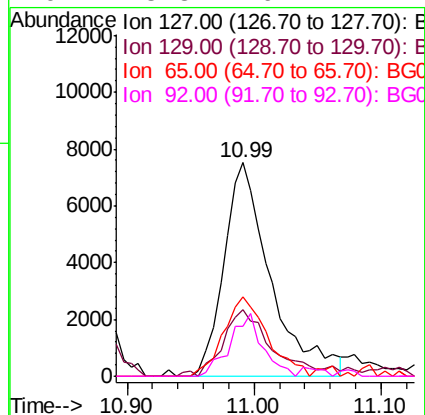
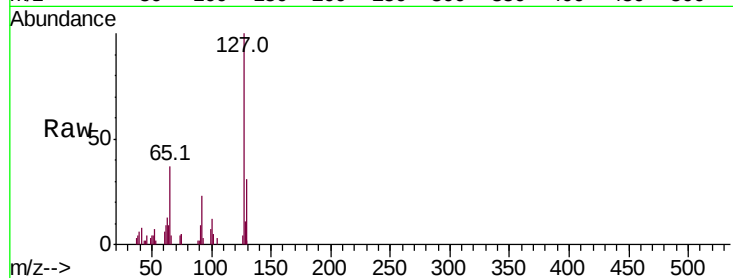
#33
4-Chloroaniline
Concen: 7.746 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.5	39.7
65	37.4	26.4	39.6
92	23.3	16.2	24.2

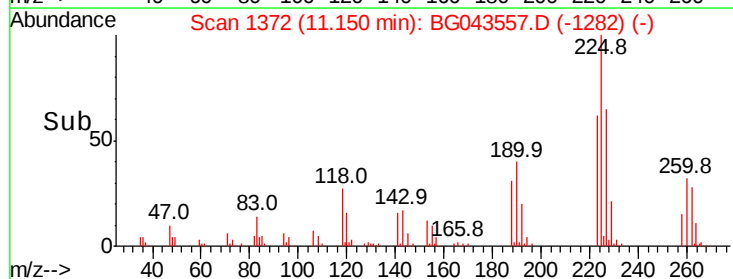
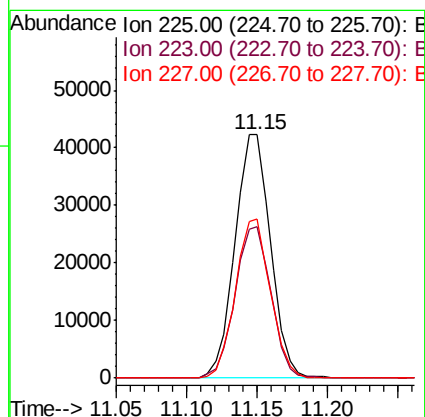
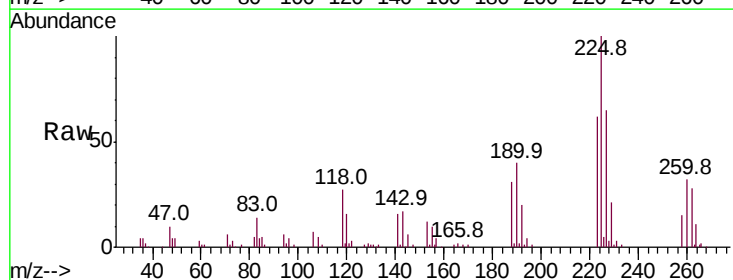
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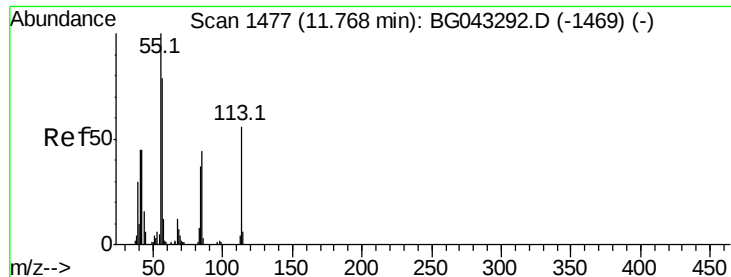
Sohil
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#34
Hexachlorobutadiene
Concen: 40.978 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.4	52.7	79.1
227	65.3	54.8	82.2





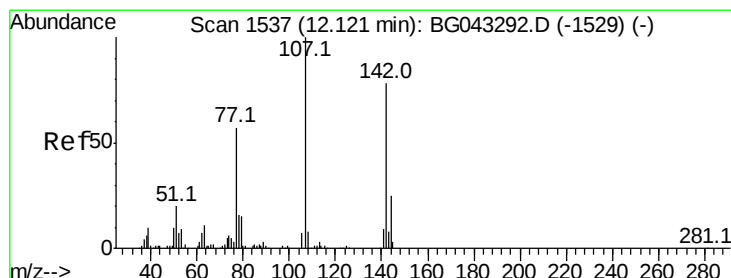
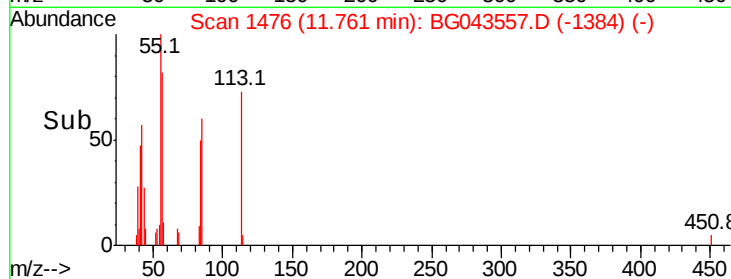
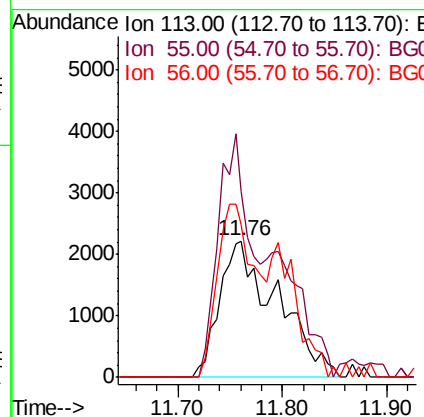
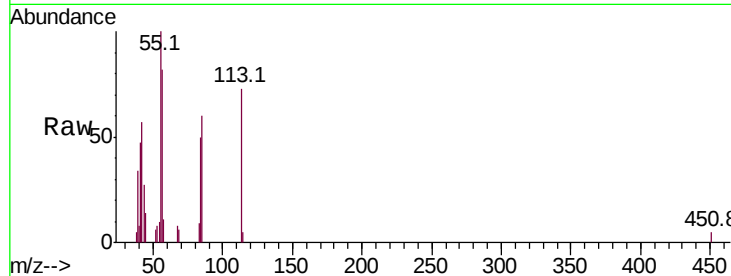
#35
 Caprolactam
 Concen: 12.644 ng/ml
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampled :
 PB124608BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.5	134.1	174.1
56	112.0	100.4	140.4

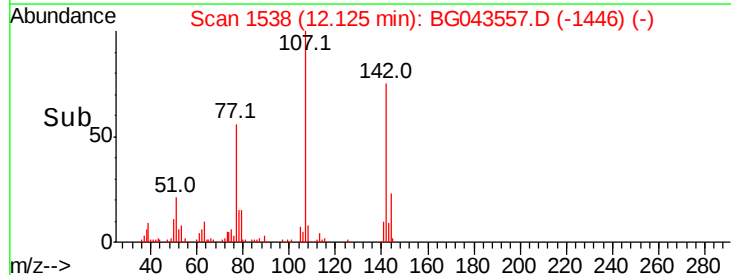
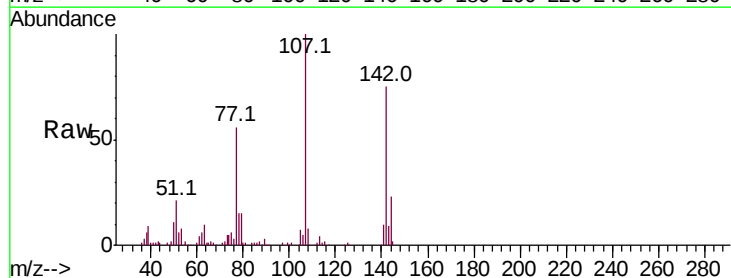
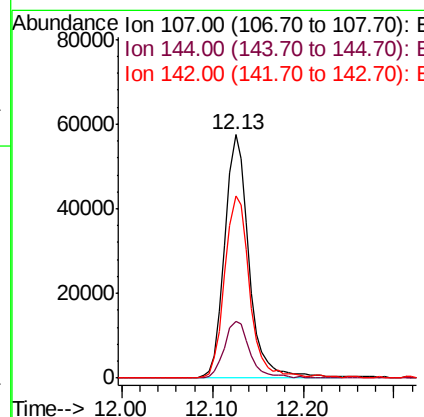
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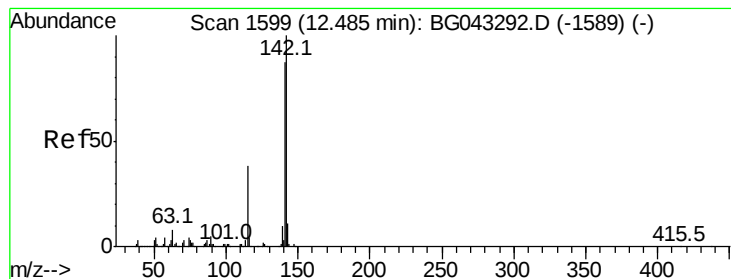
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 50.346 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	20.9	31.3
142	75.0	59.6	89.4





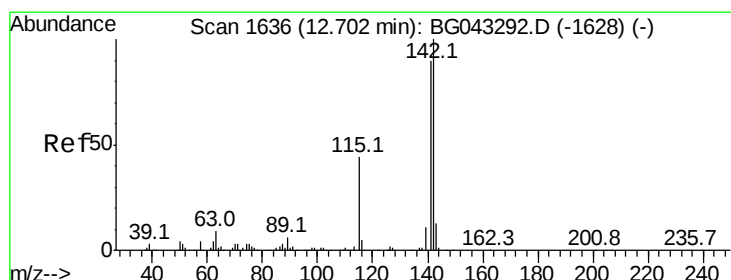
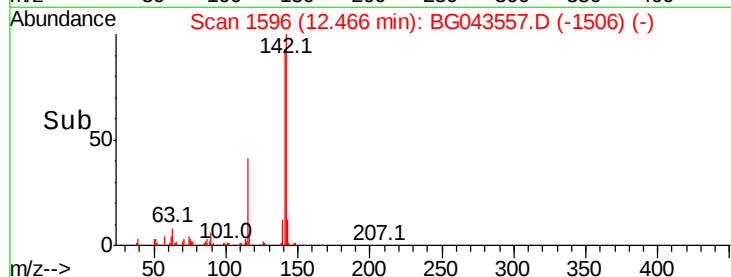
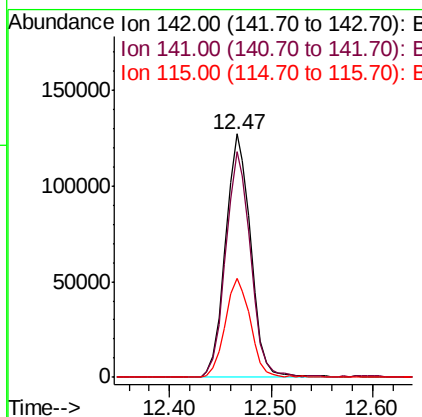
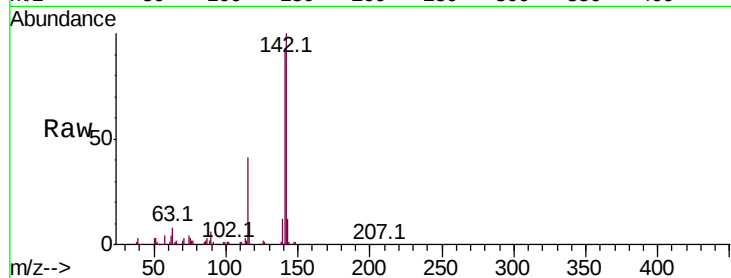
#37
2-Methylnaphthalene
Concen: 47.436 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	219660		
141	92.9		72.2	108.2
115	40.6		33.2	49.8

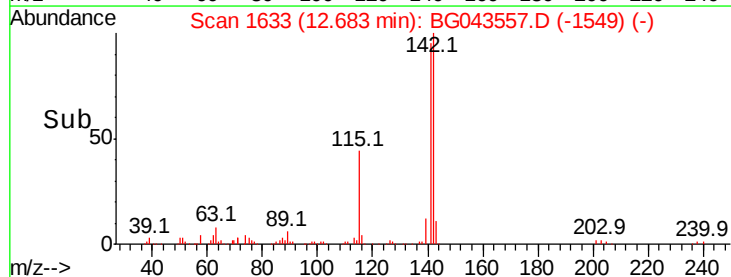
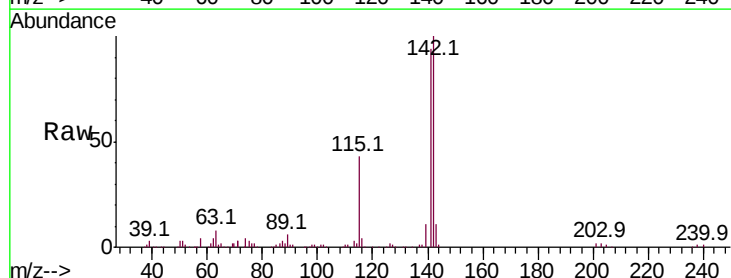
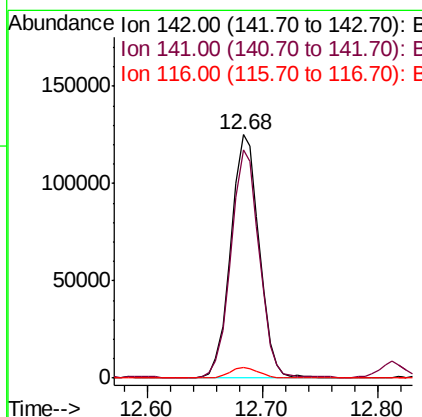
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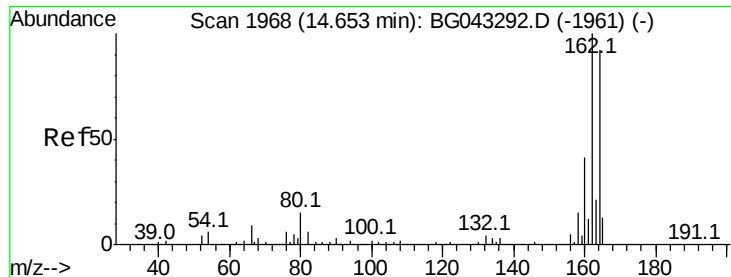
Sohil
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#38
1-Methylnaphthalene
Concen: 48.040 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	211662		
141	94.0		73.2	109.8
116	4.2		3.6	5.4





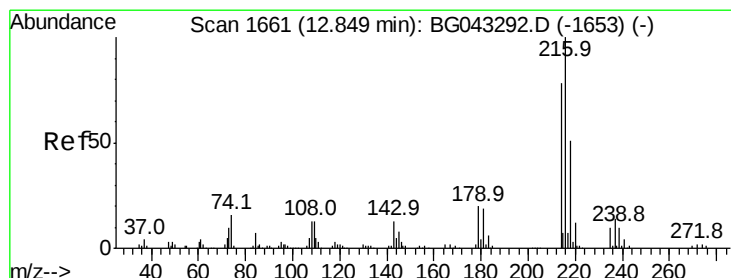
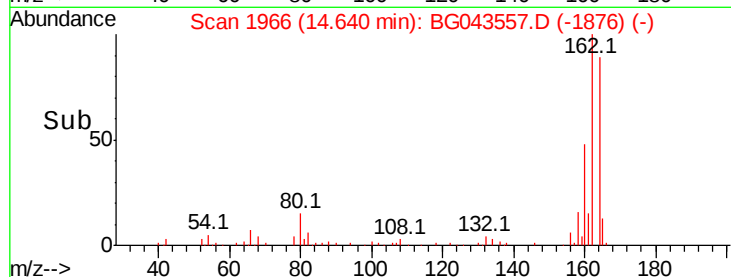
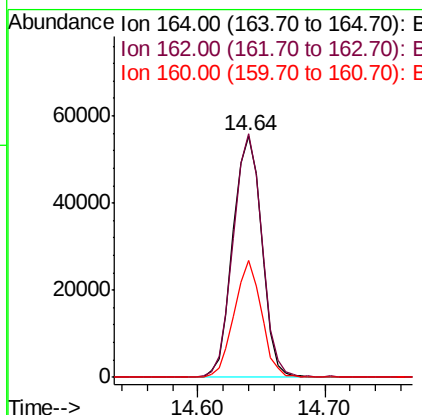
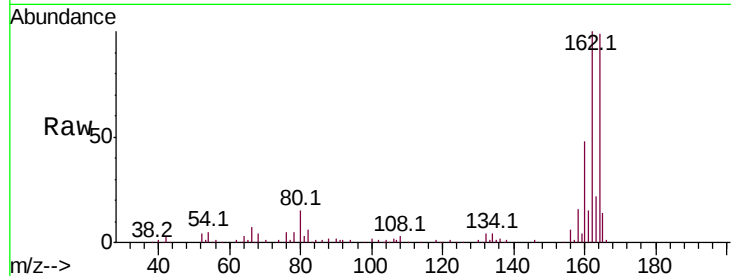
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.5	125.3
160	48.3	36.5	54.7

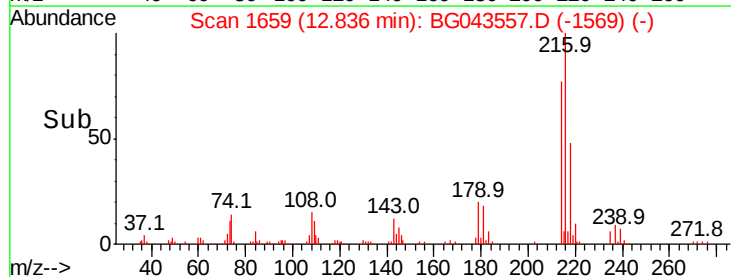
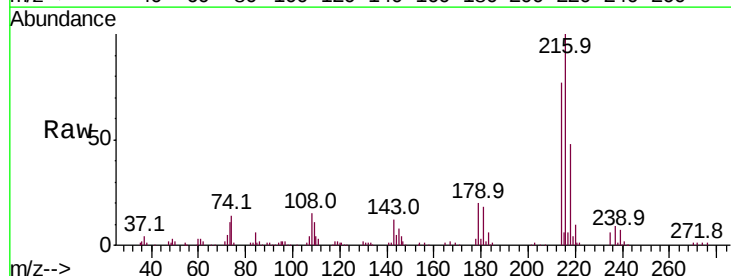
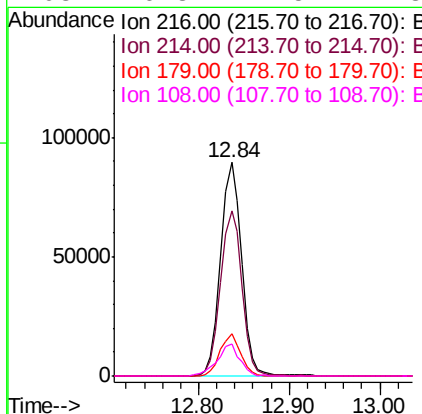
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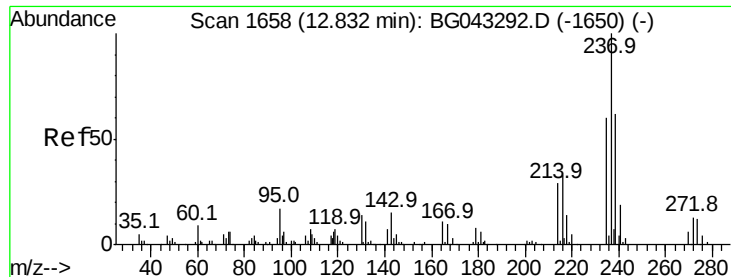
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.626 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.7	92.5
179	19.2	15.8	23.8
108	16.3	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 77.251 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

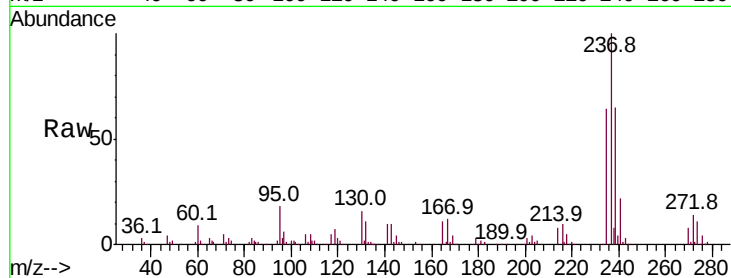
ClientSampled :

PB124608BS

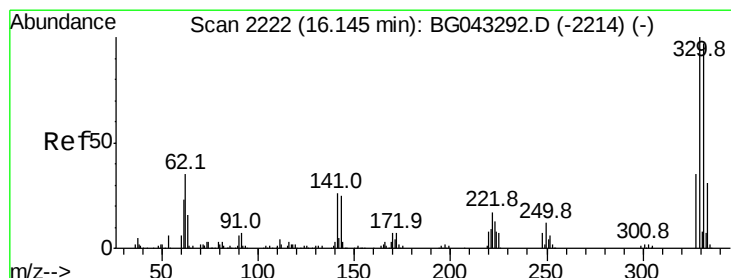
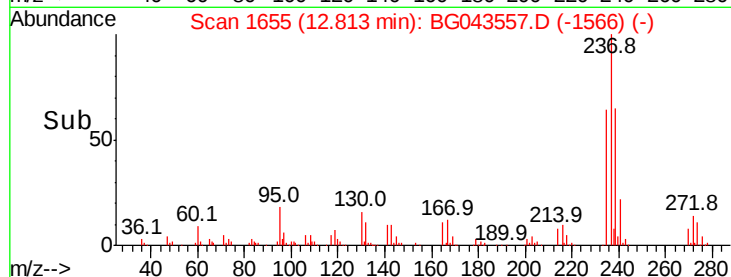
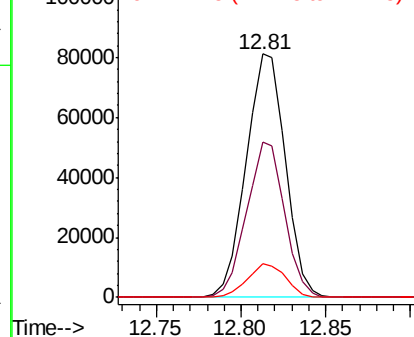
Tot Ion:	237	Resp:	130703
Ion Ratio	Lower	Upper	
237	100		
235	63.8	41.6	81.6
272	13.8	0.0	32.5

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: 134.551 ng

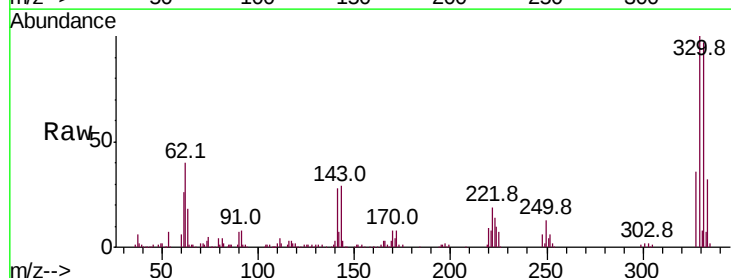
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

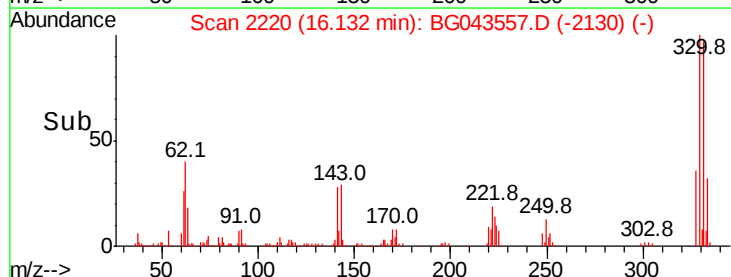
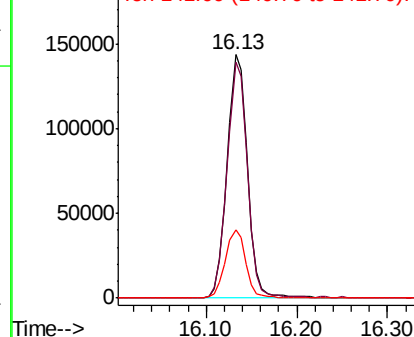
Lab File: BG043557.D

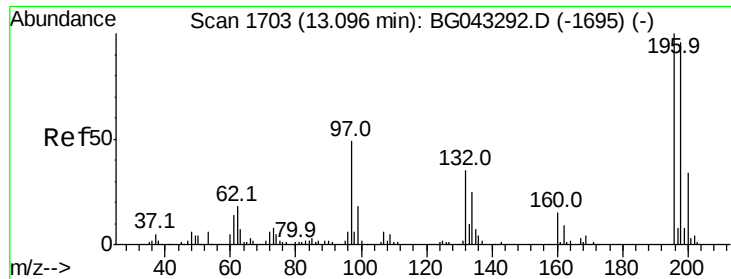
Acq: 8 Nov 2019 3:14

Tgt Ion:	330	Resp:	222841
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	28.1	22.8	34.2



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





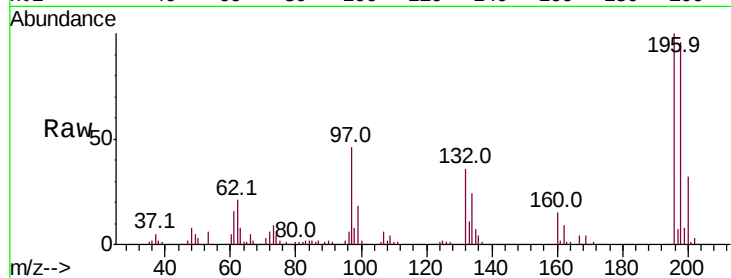
#43
 2,4,6-Trichlorophenol
 Concen: 49.466 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	93826		
198	96.3	75.8	113.6	
200	32.2	23.9	35.9	

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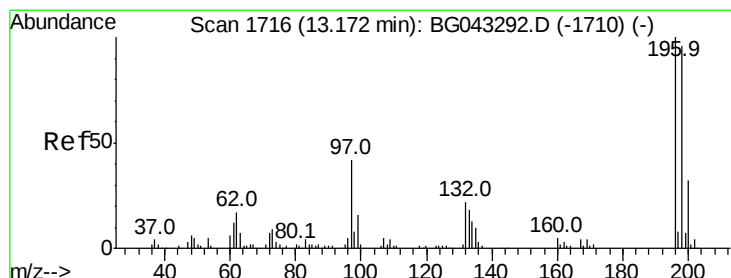
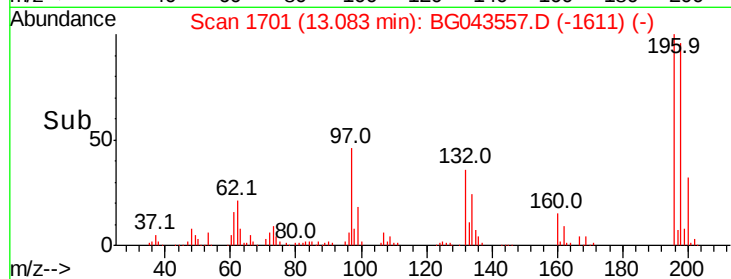
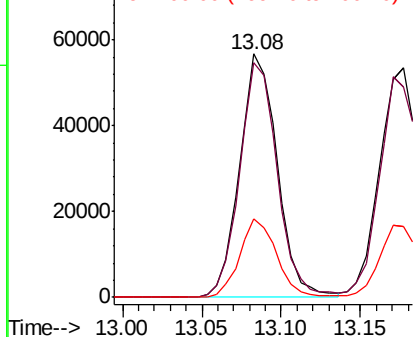


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 52.996 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101626		
198	91.3	74.5	111.7	
97	40.8	36.3	54.5	
132	21.7	17.4	26.2	

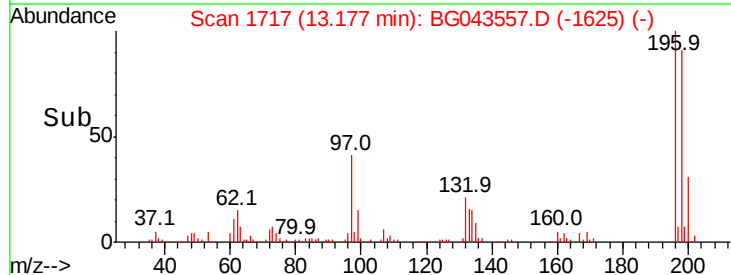
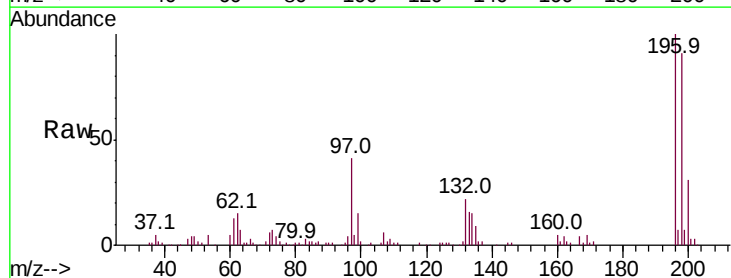
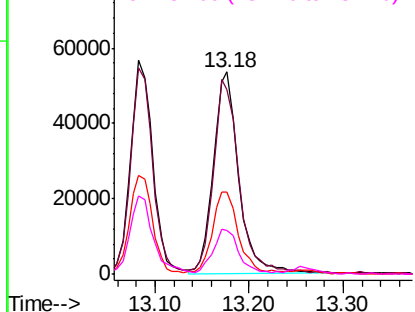
Abundance

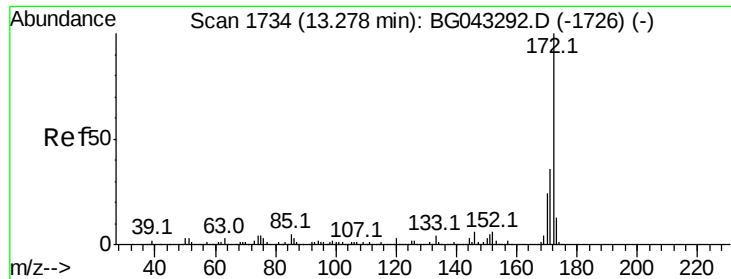
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





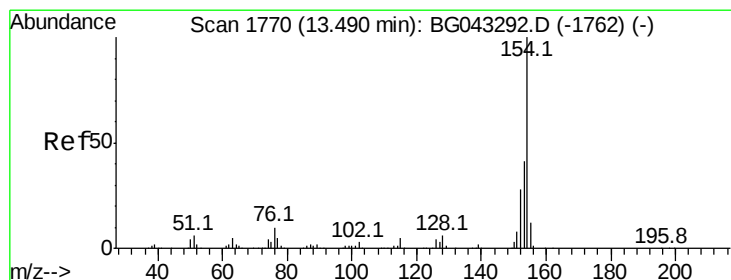
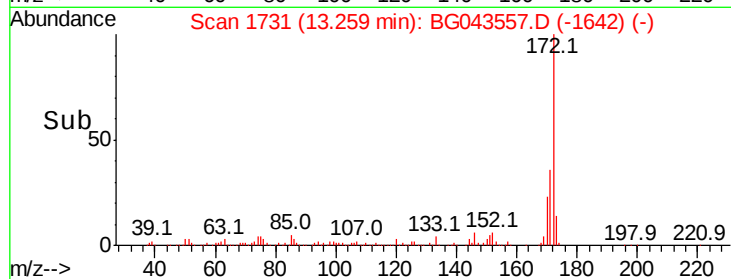
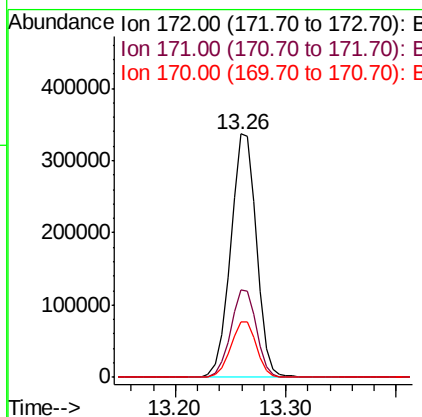
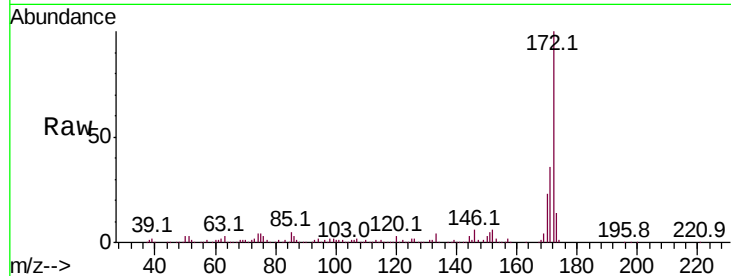
#45
2-Fluorobiphenyl
Concen: 87.832 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	553192		
171	35.7	28.9	43.3	
170	22.8	18.5	27.7	

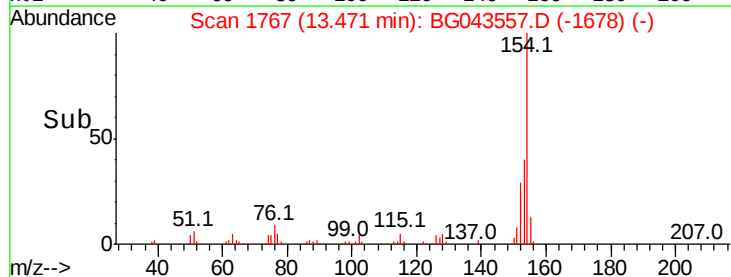
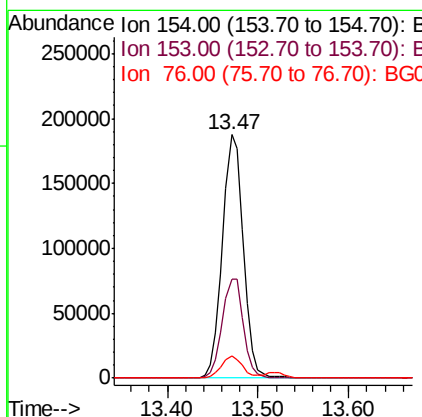
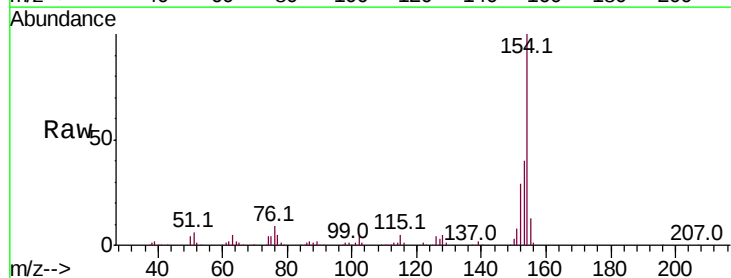
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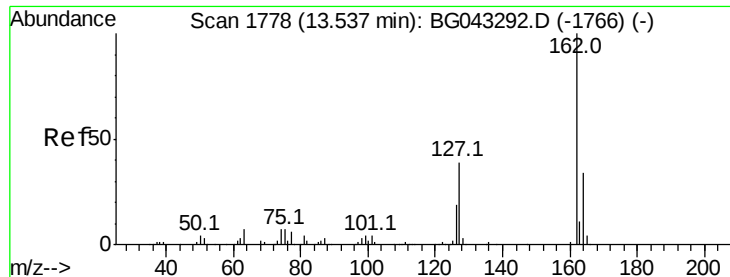
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#46
1,1'-Biphenyl
Concen: 45.259 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	299646		
153	40.4	19.9	59.9	
76	9.1	0.0	29.4	





#47

2-Chloronaphthalene

Concen: 45.479 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG043557.D

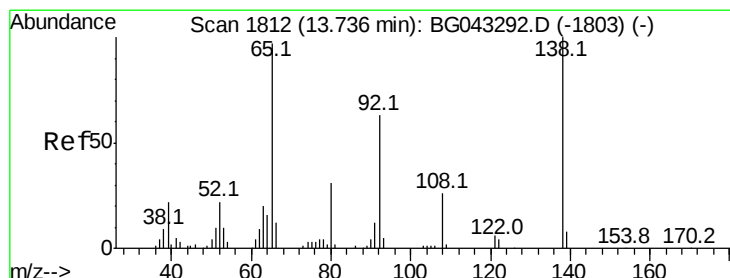
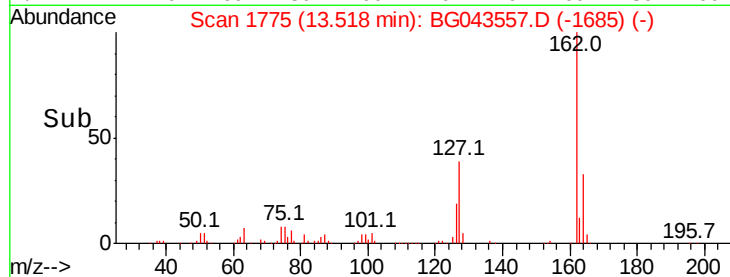
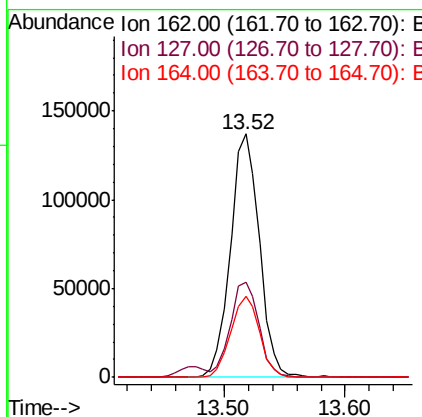
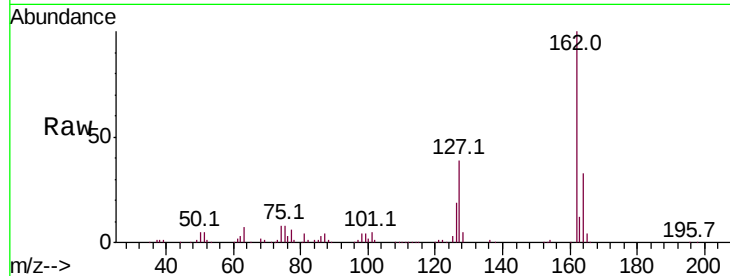
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229104		
127	39.0		31.2	46.8
164	33.2		25.8	38.8

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#48

2-Nitroaniline

Concen: 47.535 ng

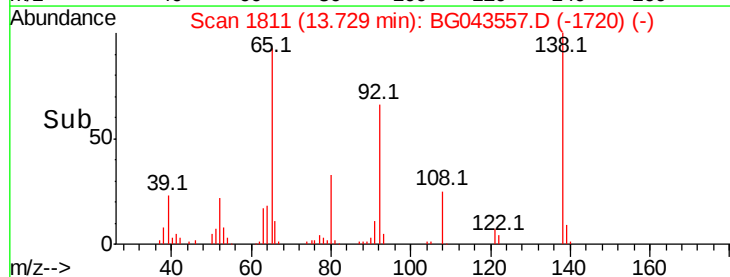
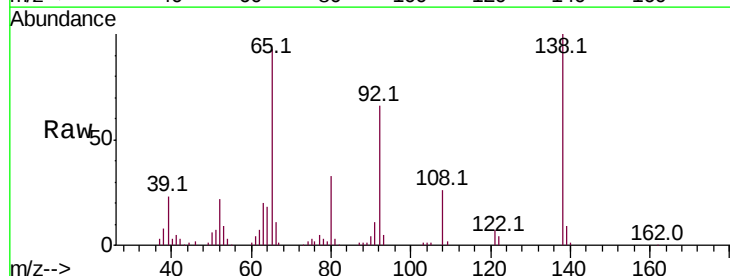
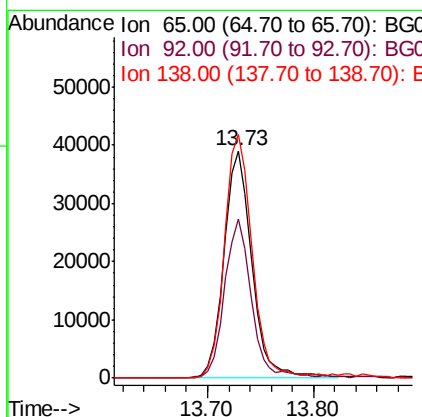
RT: 13.73 min Scan# 1811

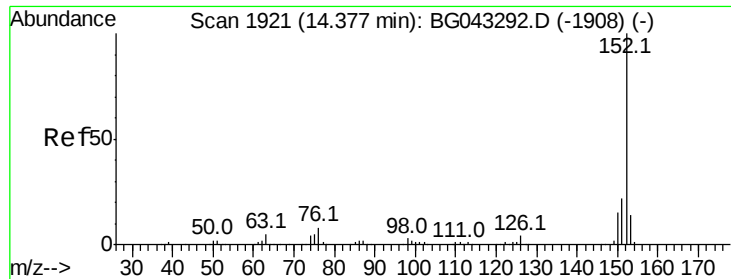
Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	71569		
92	70.1		56.2	84.2
138	107.0		82.6	123.8





#49

Acenaphthylene

Concen: 48.658 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

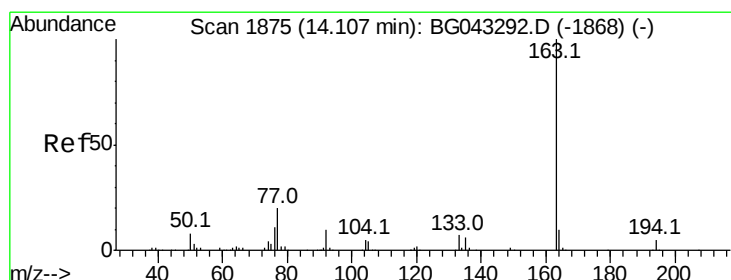
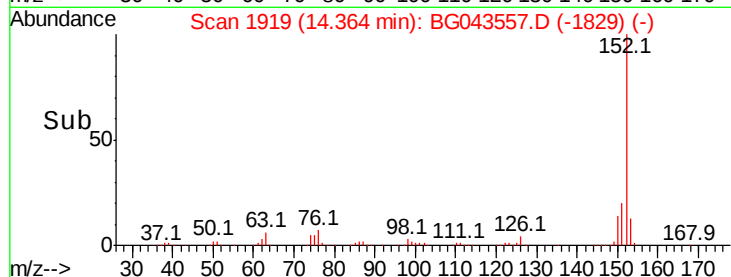
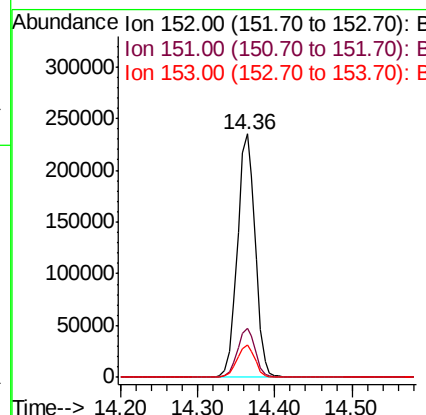
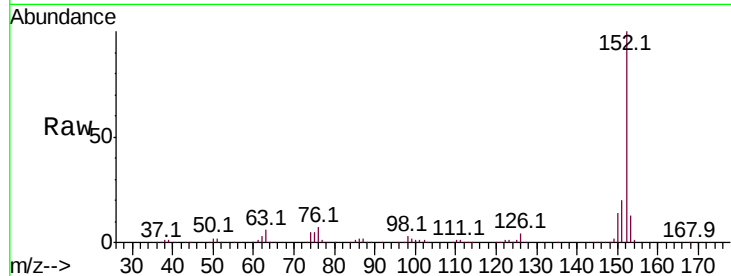
ClientSampleId :

PB124608BS

Tot Ion:	152	Resp:	381487
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	13.4	10.6	15.8

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#50

Dimethylphthalate

Concen: 52.096 ng

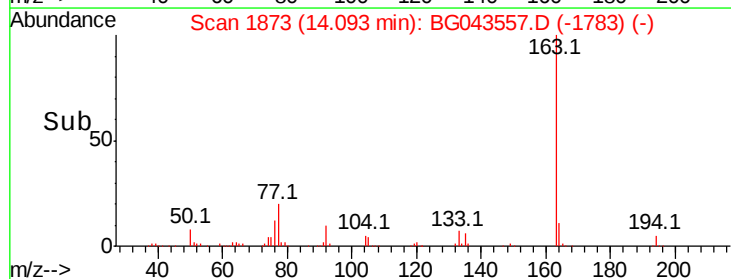
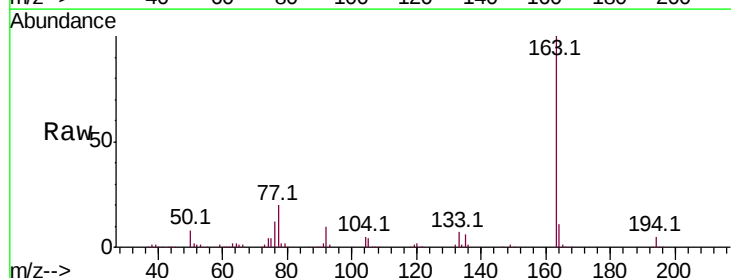
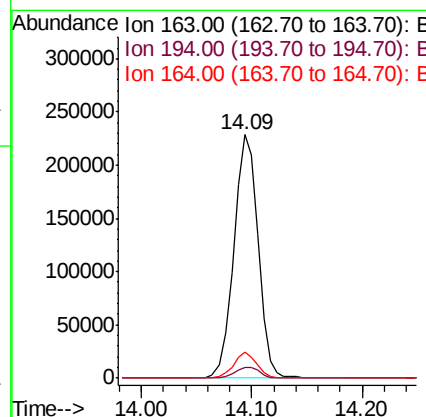
RT: 14.09 min Scan# 1873

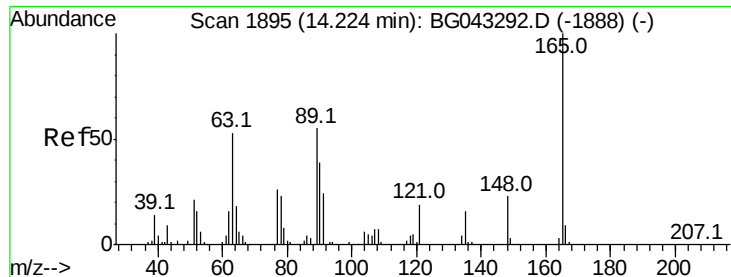
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	163	Resp:	351181
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	10.8	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 47.694 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

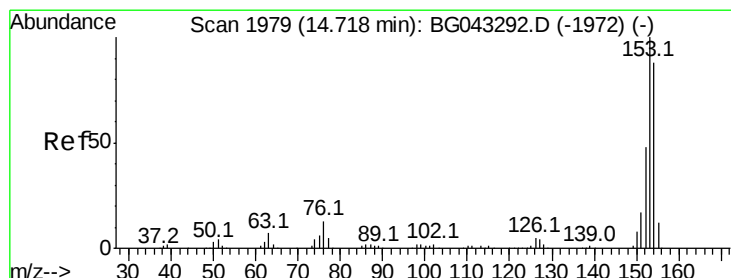
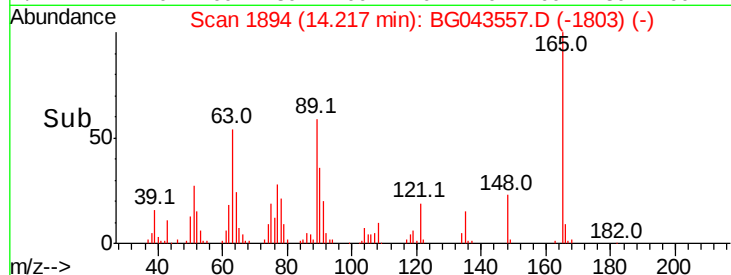
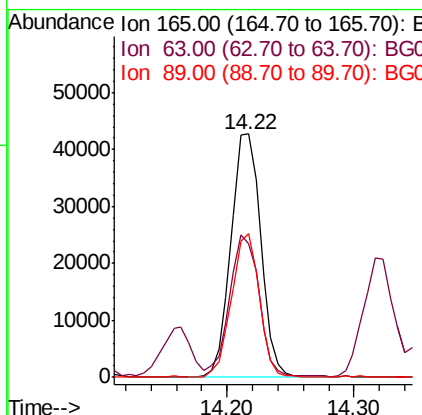
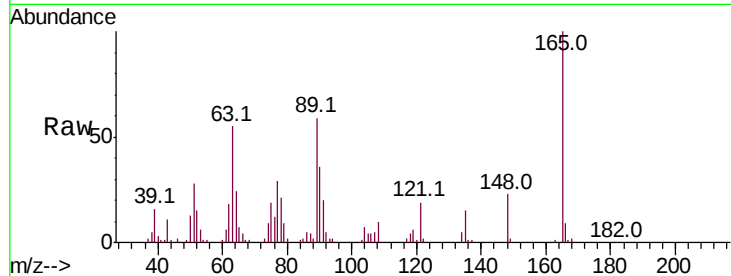
ClientSampled :

PB124608BS

Tot Ion:	165	Resp:	69847
Ion Ratio	Lower	Upper	
165	100		
63	54.8	46.6	69.8
89	58.9	45.1	67.7

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#52

Acenaphthene

Concen: 47.513 ng

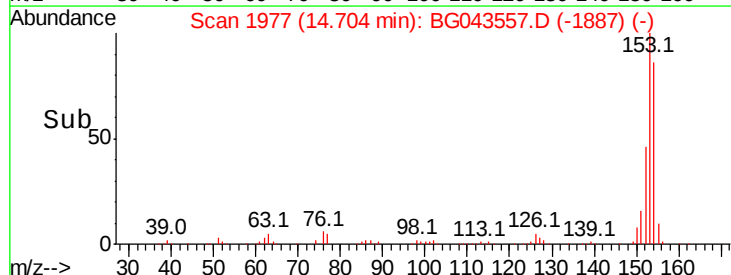
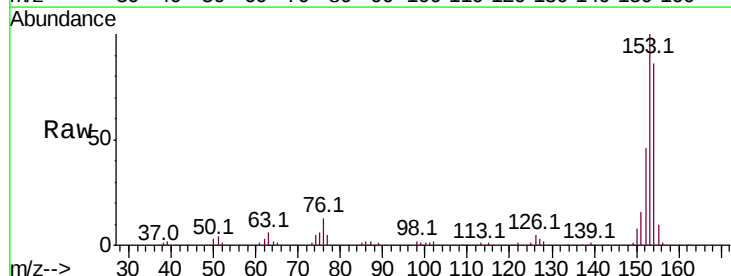
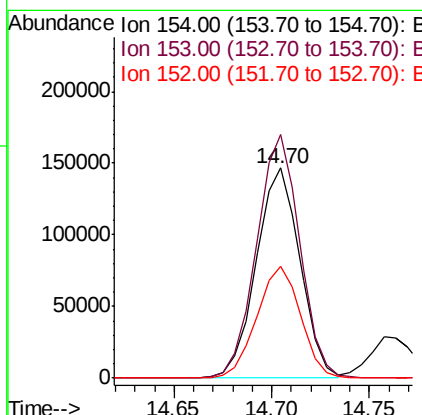
RT: 14.70 min Scan# 1977

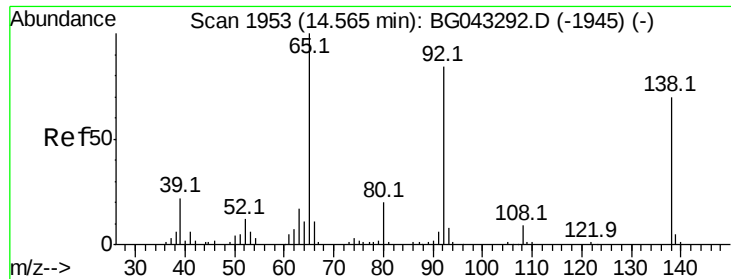
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	154	Resp:	227169
Ion Ratio	Lower	Upper	
154	100		
153	116.0	88.2	132.2
152	53.3	40.0	60.0





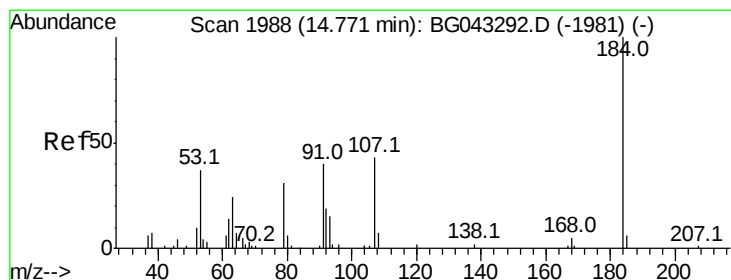
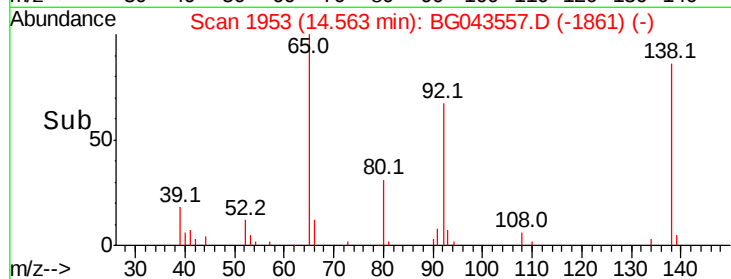
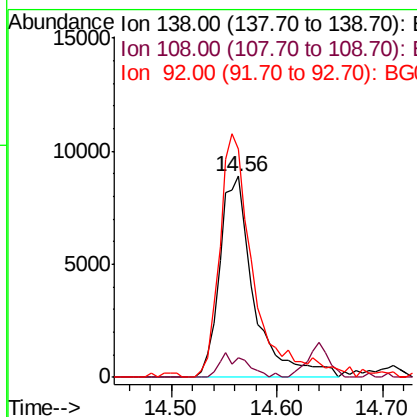
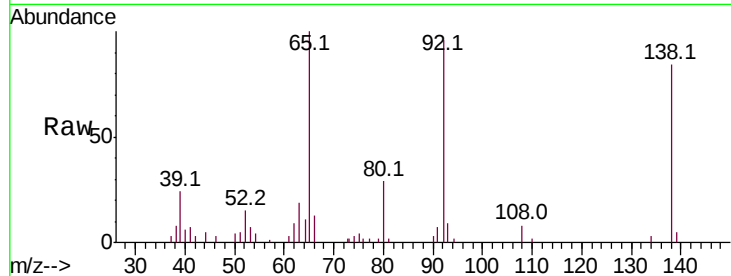
#53
 3-Nitroaniline
 Concen: 14.094 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. 0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tot Ion:	138	Resp:	19928
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.0	12.0
92	113.9	90.9	136.3

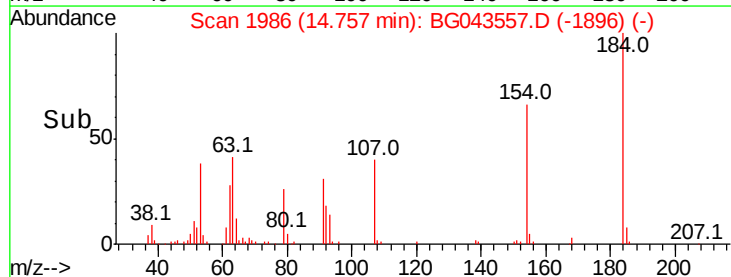
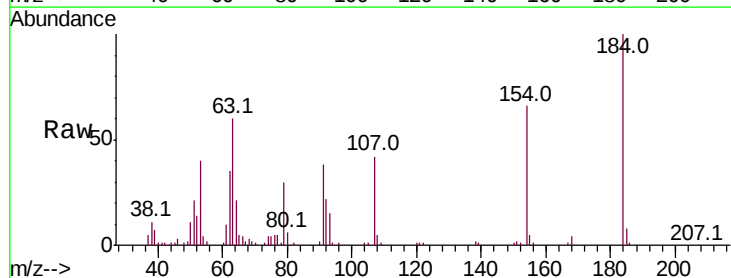
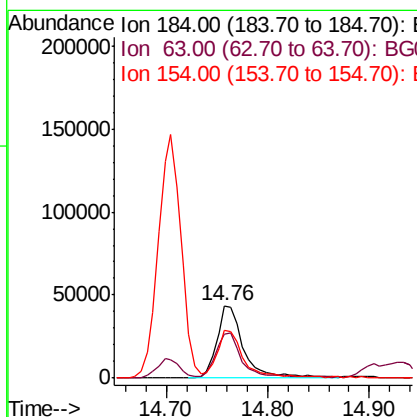
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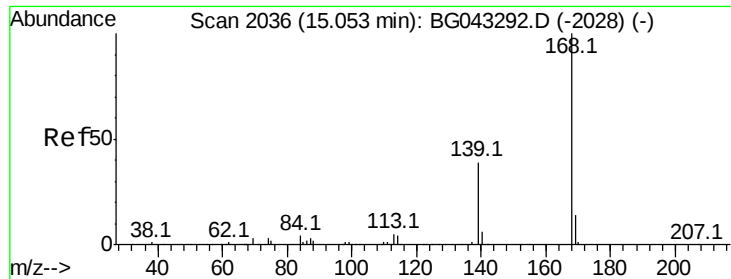
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#54
 2,4-Dinitrophenol
 Concen: 86.522 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:	184	Resp:	79722
Ion Ratio	Lower	Upper	
184	100		
63	60.2	51.3	76.9
154	65.5	55.4	83.0





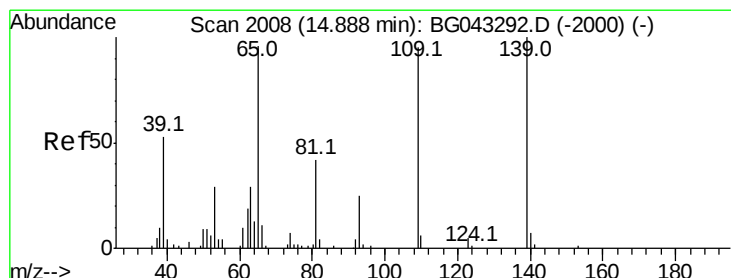
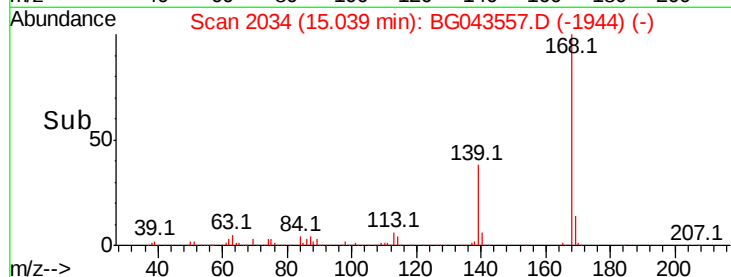
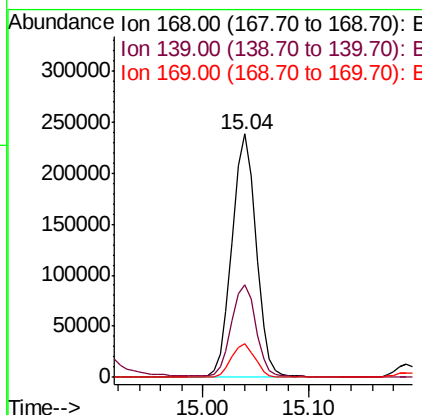
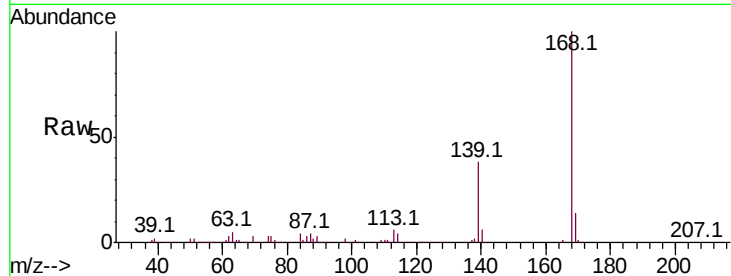
#55
Dibenzofuran
Concen: 48.419 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.0	46.6
169	13.8	11.7	17.5

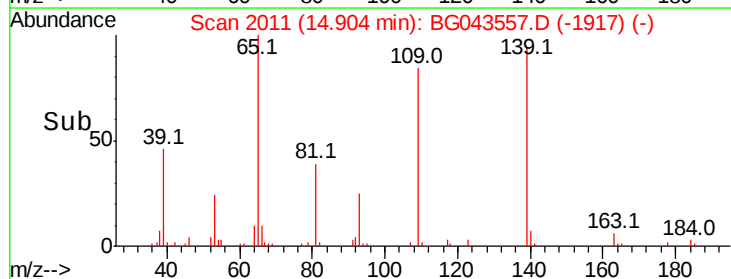
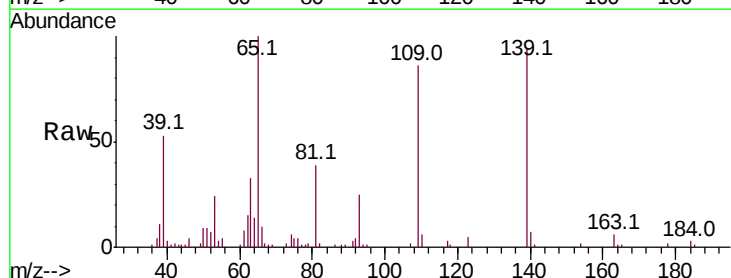
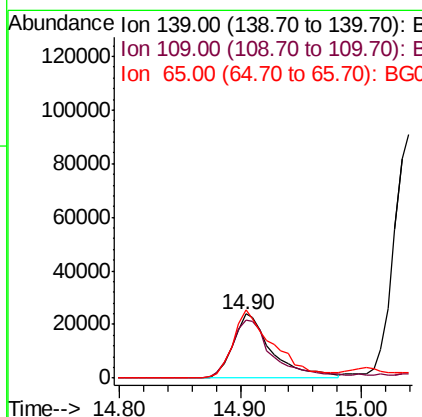
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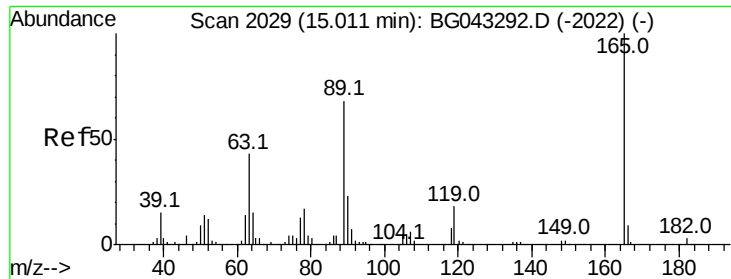
Sohil
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#56
4-Nitrophenol
Concen: 56.446 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.1	87.2	127.2
65	106.1	83.8	123.8





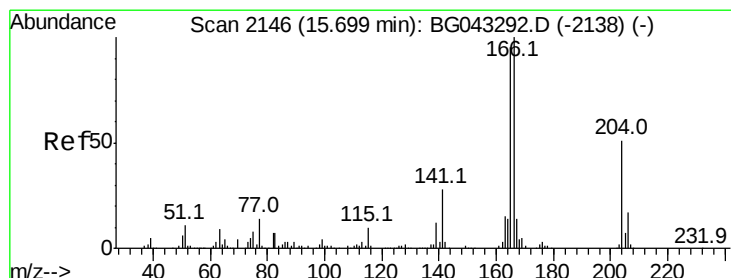
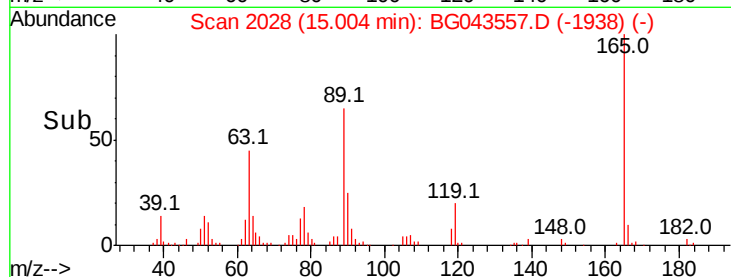
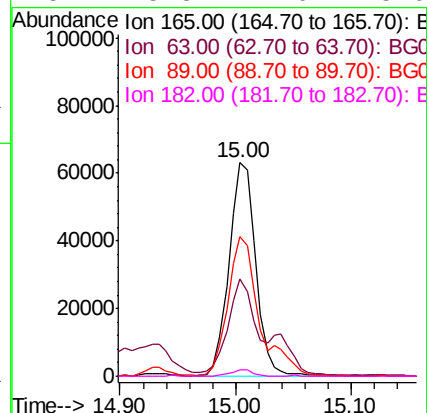
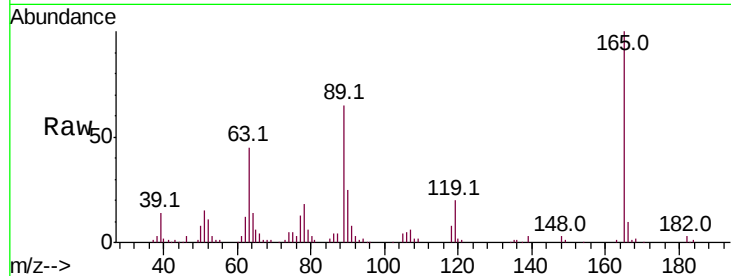
#57
2,4-Dinitrotoluene
Concen: 48.430 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	45.3	33.2	49.8
89	65.2	52.2	78.4
182	3.3	2.0	3.0

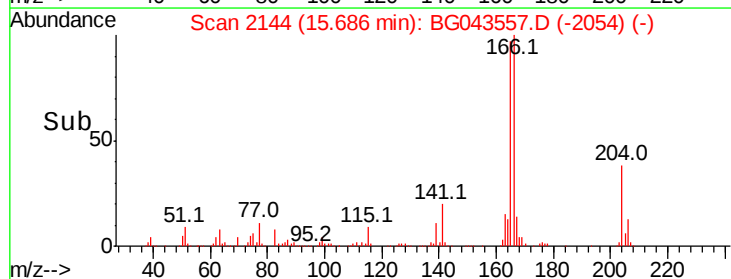
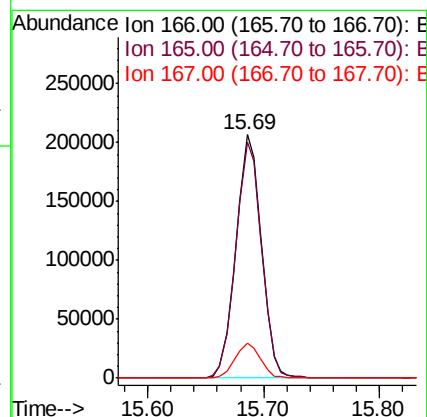
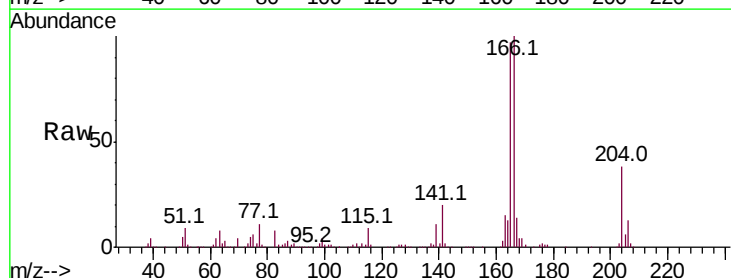
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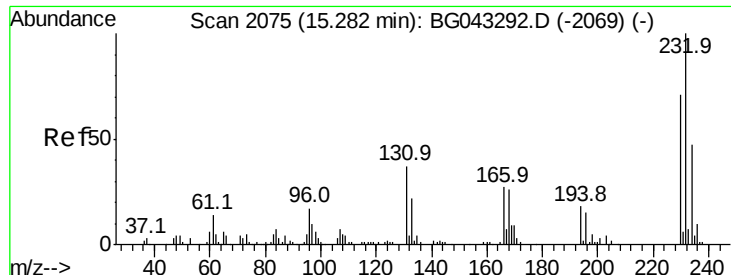
Sohil
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#58
Fluorene
Concen: 48.578 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.9	79.0	118.6
167	14.3	10.5	15.7





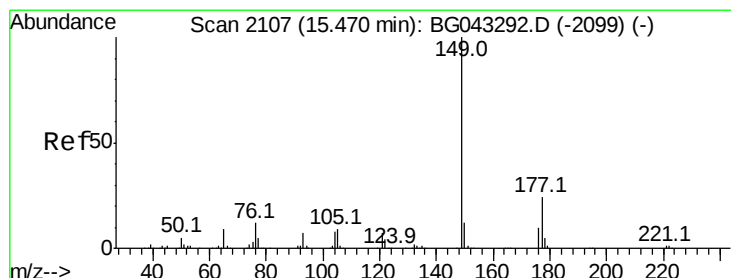
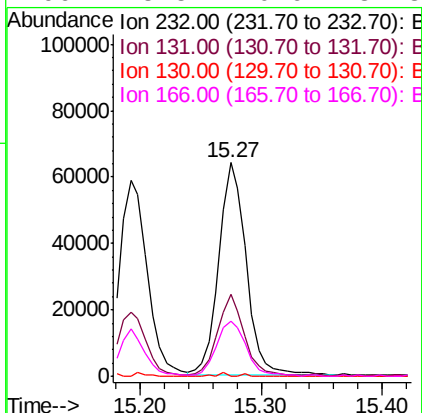
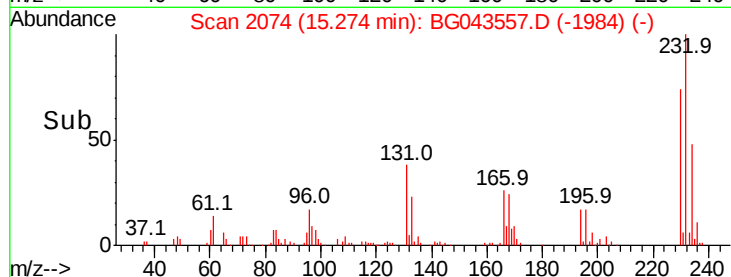
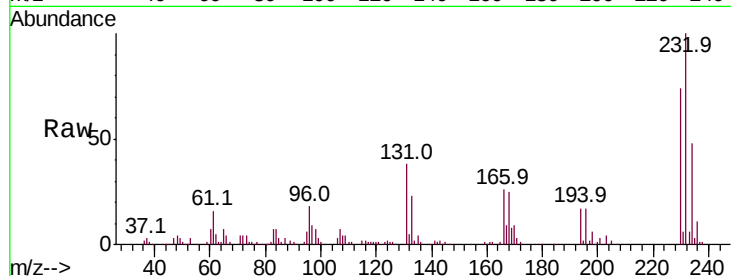
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.527 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampled :
 PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	100906		
131	36.3		26.9	40.3
130	0.5		1.8	2.6
166	28.5		20.9	31.3

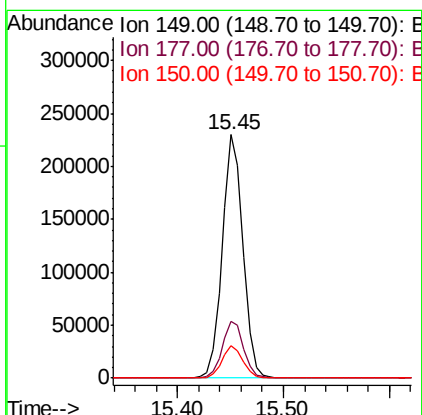
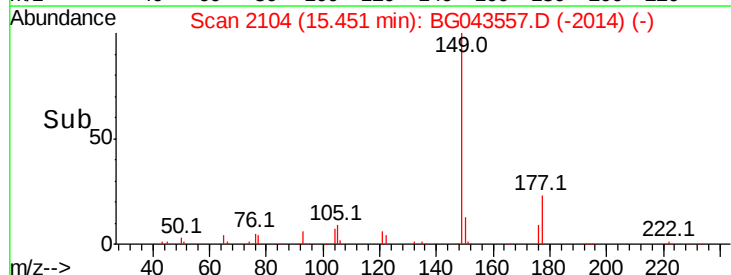
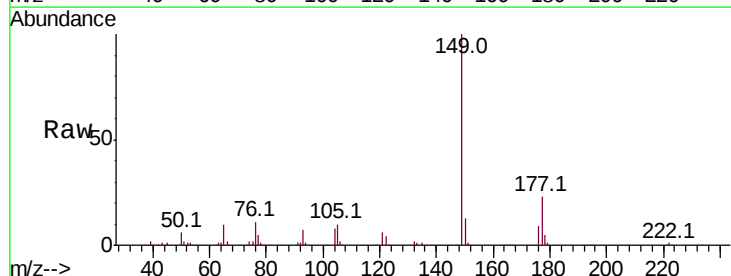
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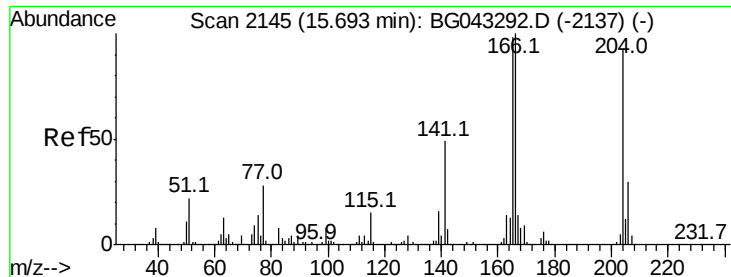
Sohil
 11/8/2019 3:33:04 PM



#60
 Diethylphthalate
 Concen: 45.791 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	310158		
177	23.4		19.6	29.4
150	13.3		10.8	16.2





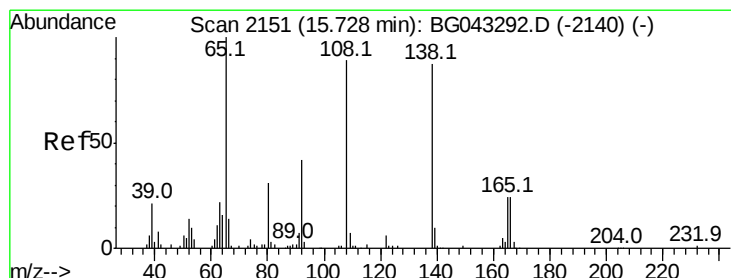
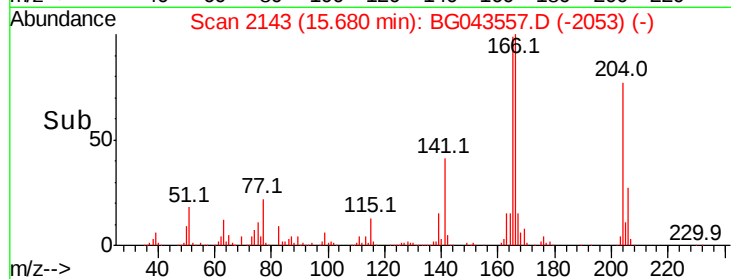
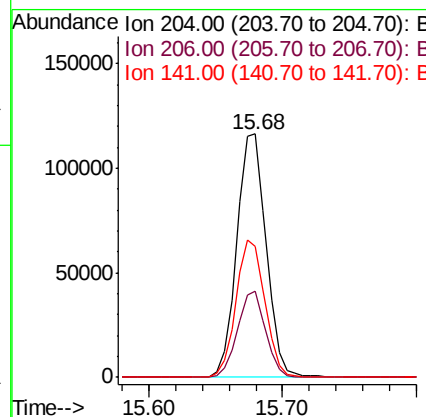
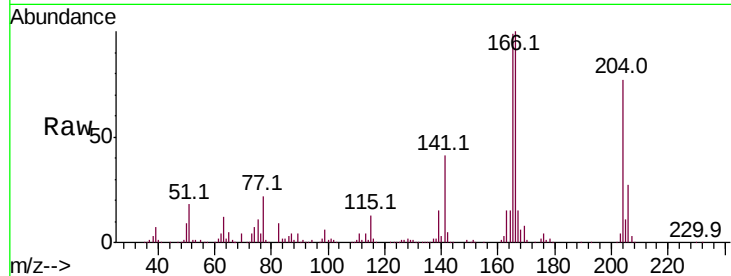
#61
 4-Chlorophenyl-phenylether
 Concen: 46.907 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tot Ion:	204	Resp:	177949
Ion Ratio	Lower	Upper	
204	100		
206	35.3	28.4	42.6
141	53.6	43.0	64.6

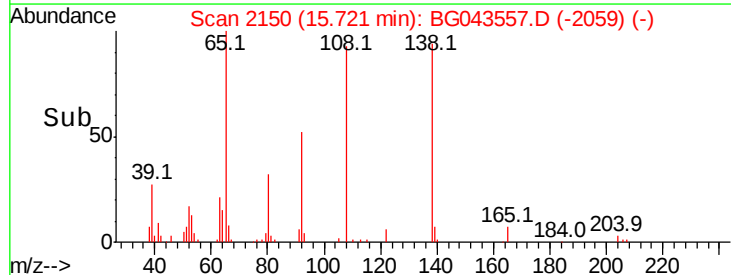
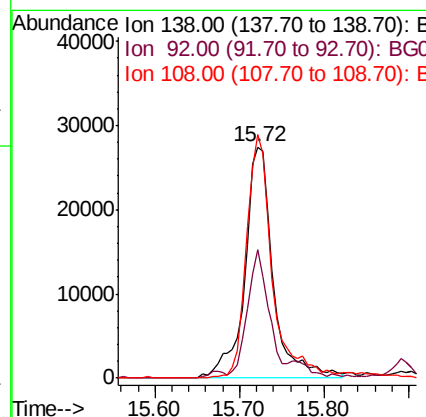
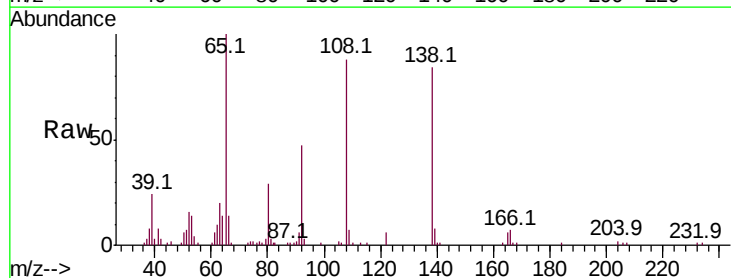
Manual Integrations
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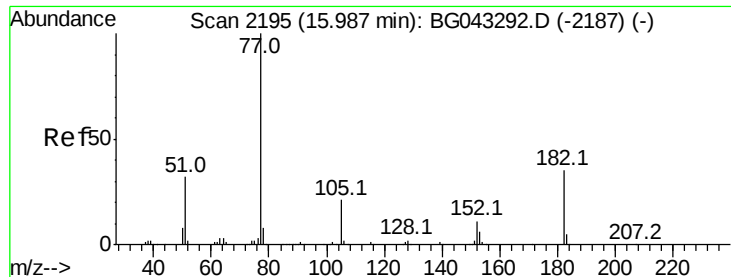
Sohil
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#62
 4-Nitroaniline
 Concen: 43.879 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion:	138	Resp:	64073
Ion Ratio	Lower	Upper	
138	100		
92	55.7	33.4	73.4
108	105.4	78.0	118.0





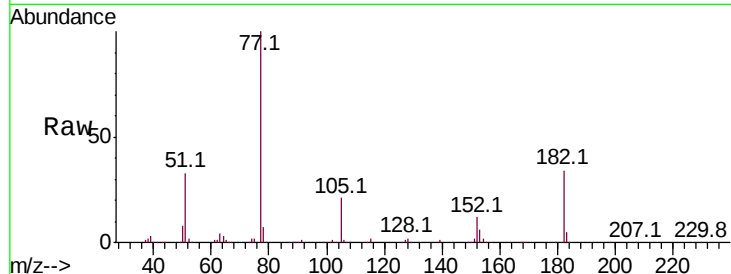
#63
Azobenzene
Concen: 48.285 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.7	13.7	53.7
105	21.3	0.4	40.4
51	33.2	11.0	51.0

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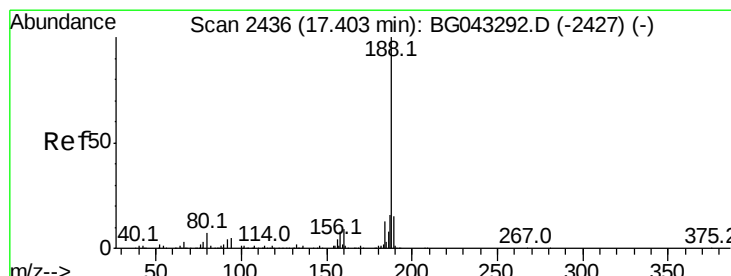
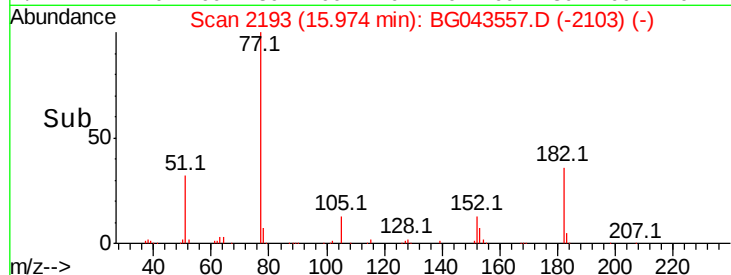
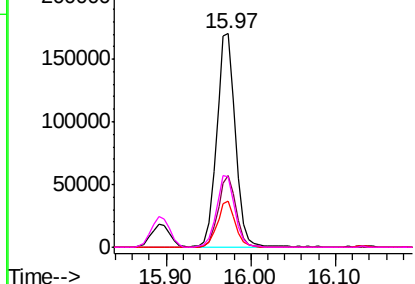
Abundance

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: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

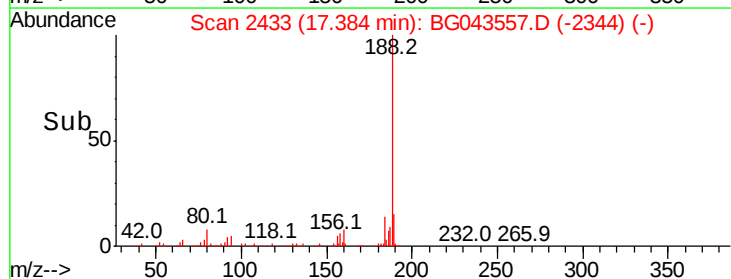
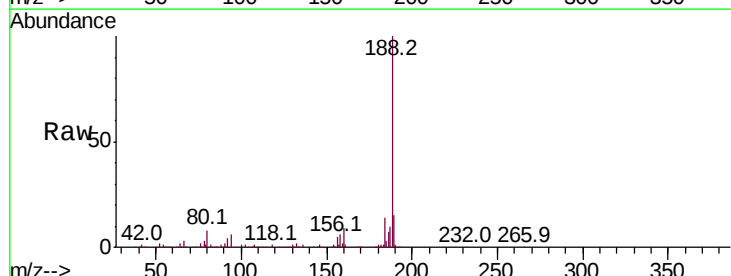
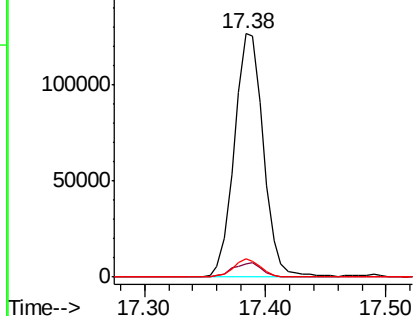
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.4
80	7.5	4.5	6.7#

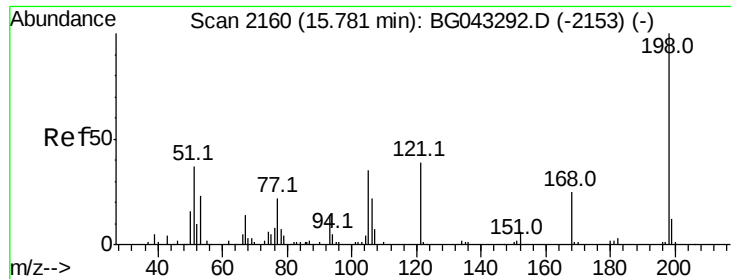
Abundance

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





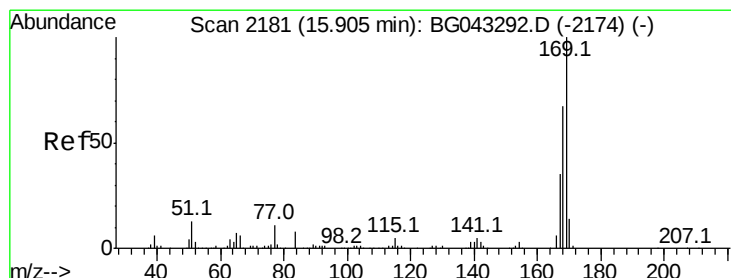
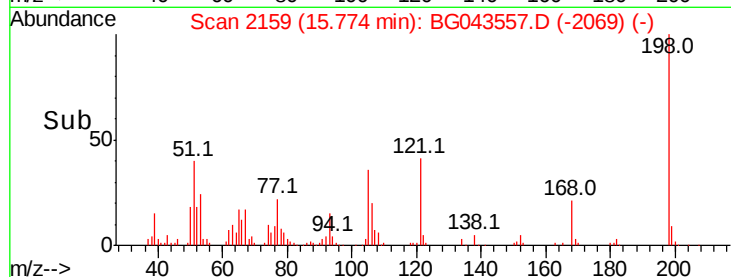
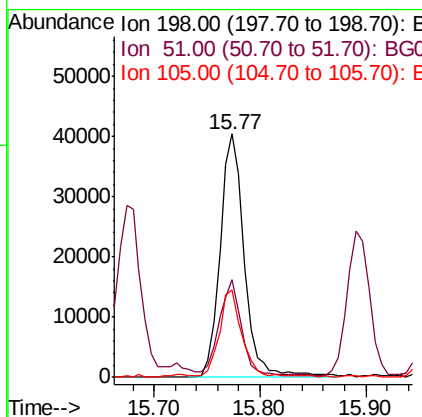
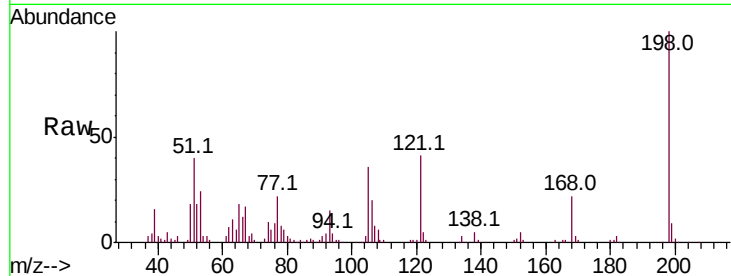
#65
4,6-Dinitro-2-methylphenol
Concen: 51.323 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.2	13.2	53.2
105	35.7	15.8	55.8

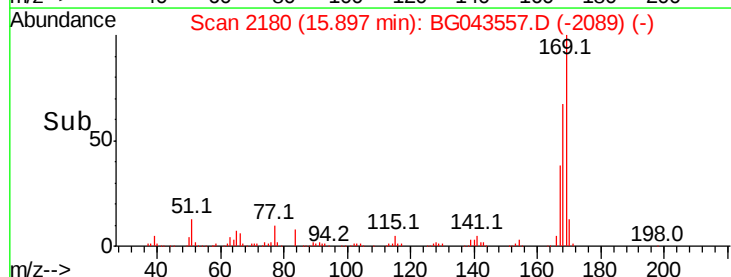
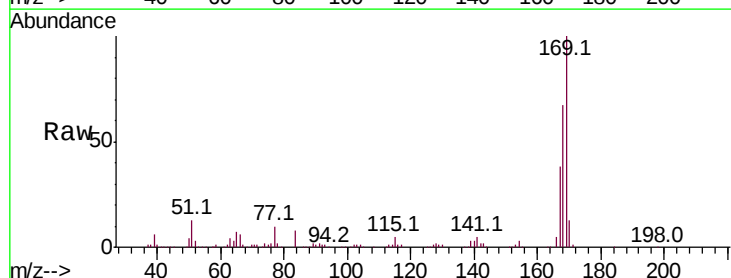
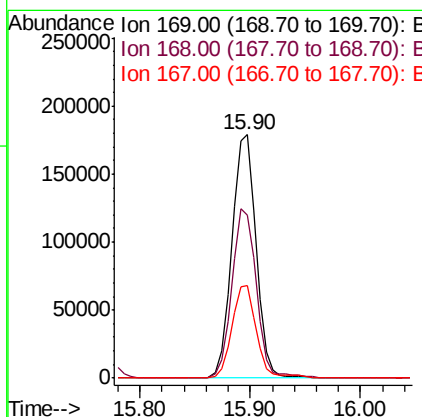
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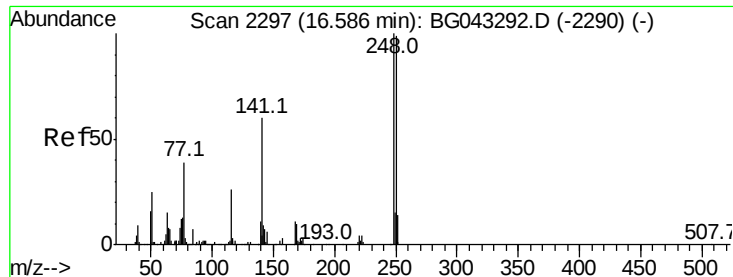
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#66
n-Nitrosodiphenylamine
Concen: 45.880 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.8	80.6
167	37.8	27.5	41.3





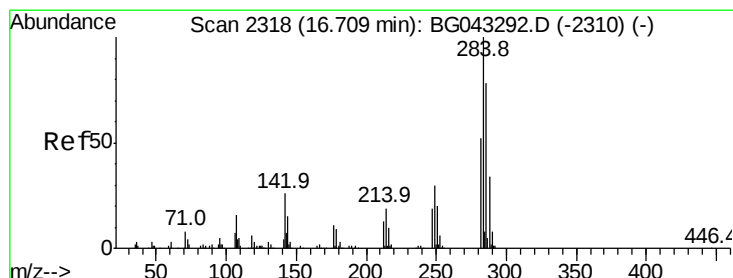
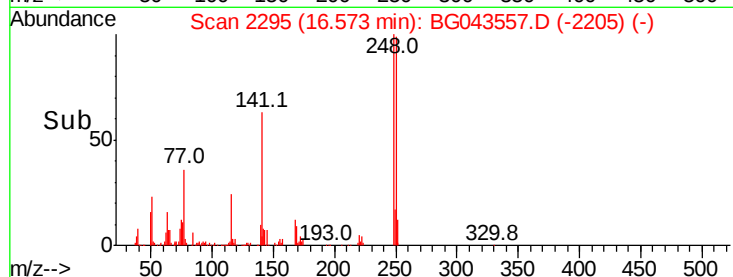
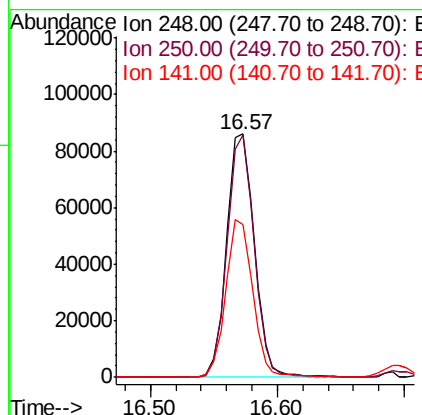
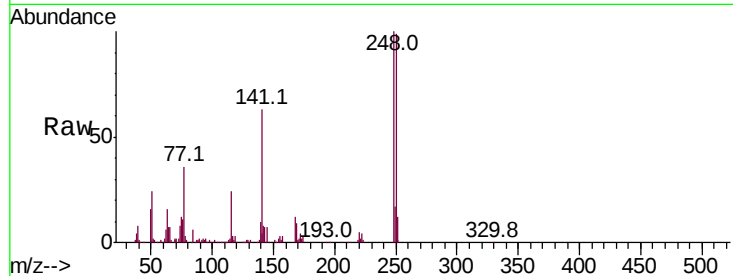
#67
4-Bromophenyl-phenylether
Concen: 45.359 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	62.7	47.5	71.3

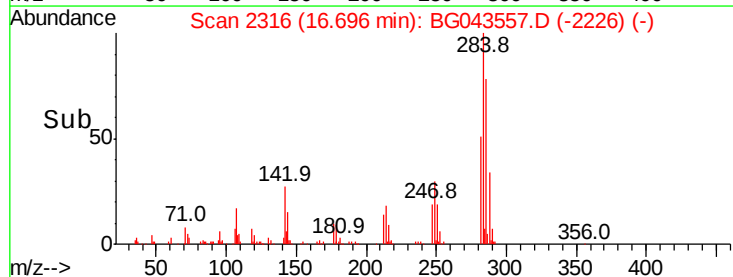
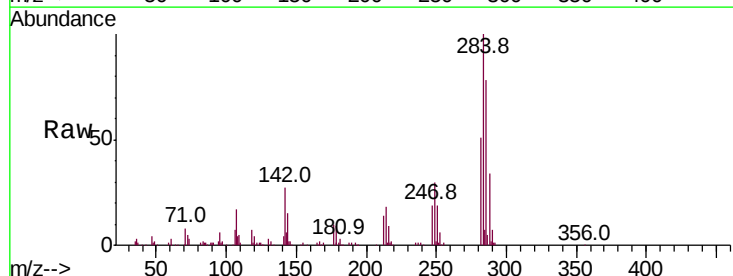
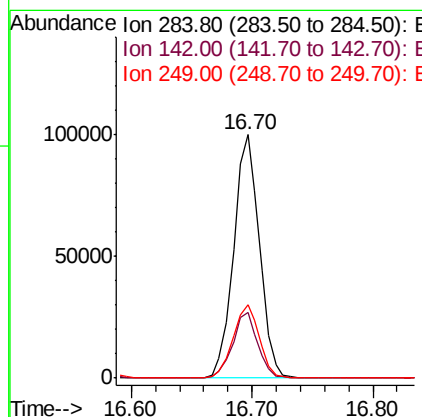
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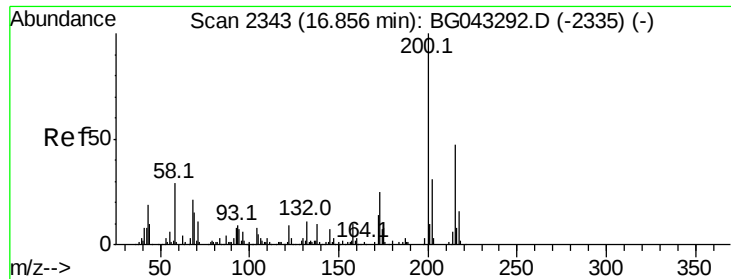
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#68
Hexachlorobenzene
Concen: 44.988 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	19.8	29.8
249	30.3	23.8	35.6





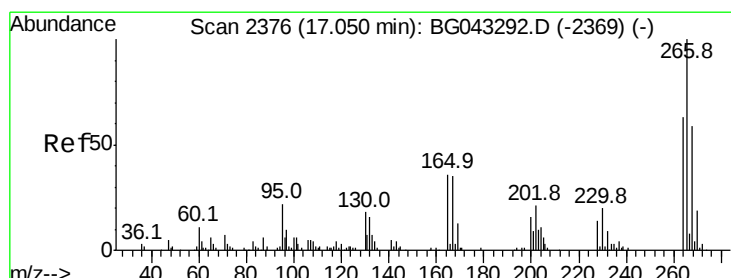
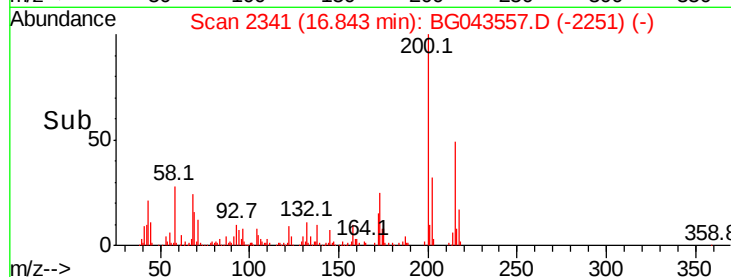
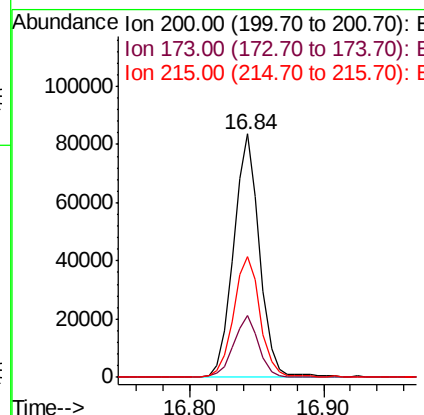
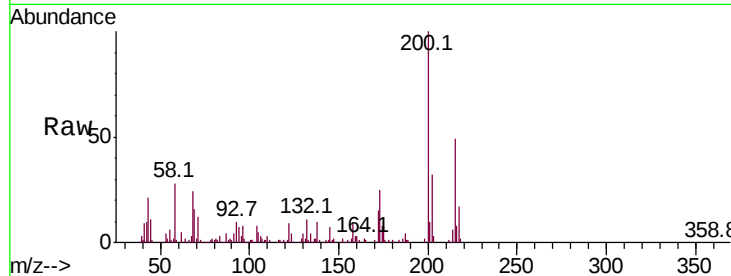
#69
 Atrazine
 Concen: 54.344 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.7	44.7
215	49.4	28.5	68.5

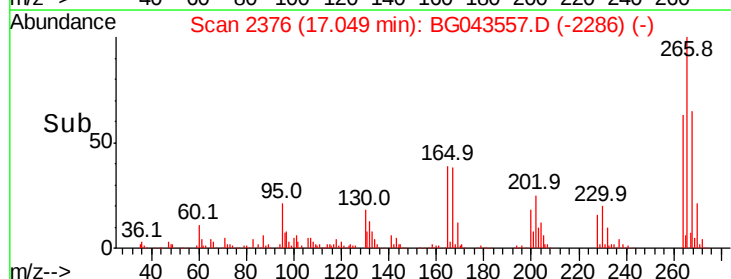
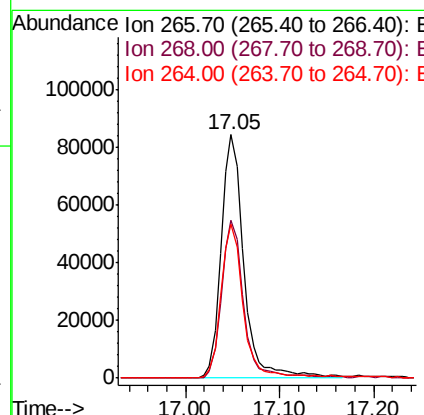
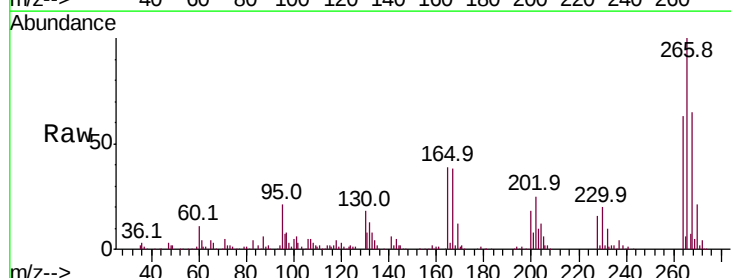
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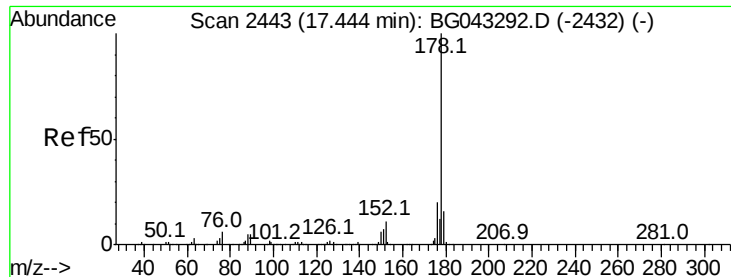
Sohil
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#70
 Pentachlorophenol
 Concen: 95.518 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.4	75.6
264	63.5	48.9	73.3





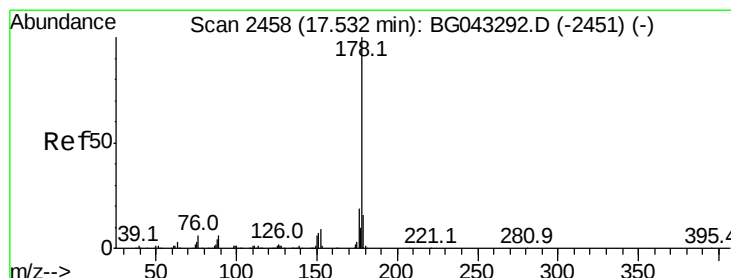
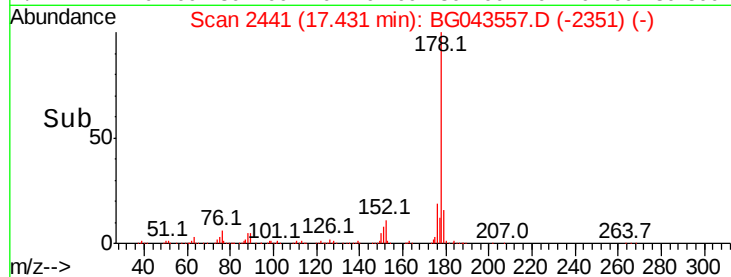
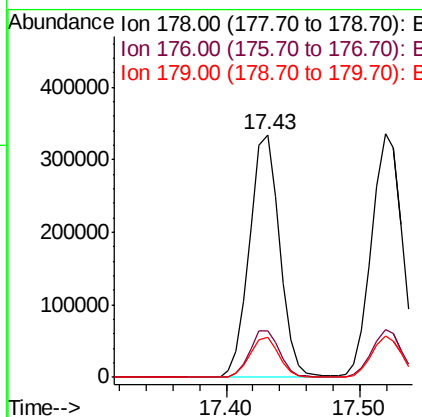
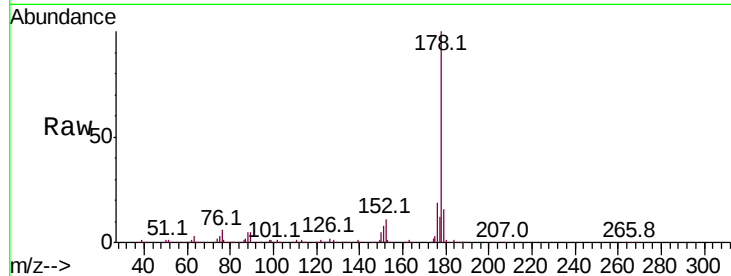
#71
Phenanthrene
Concen: 47.694 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.3	13.0	19.6

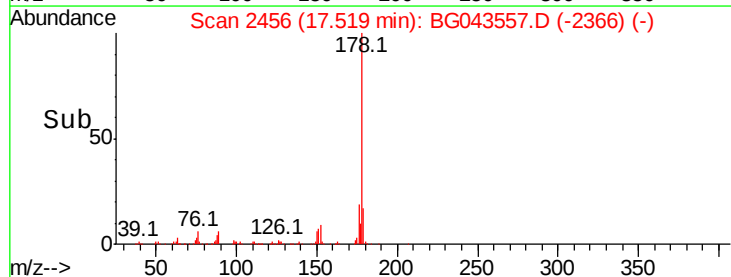
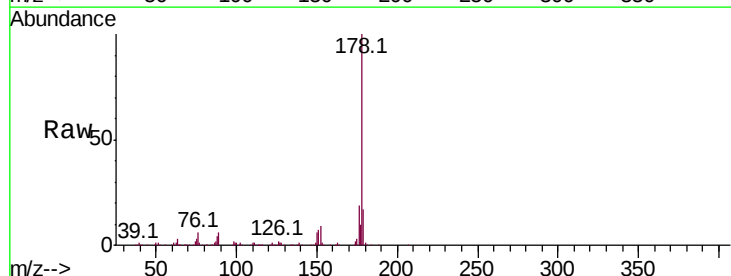
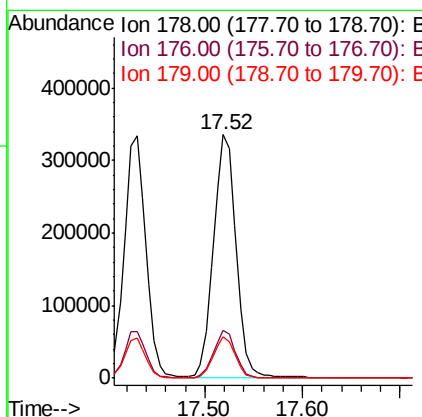
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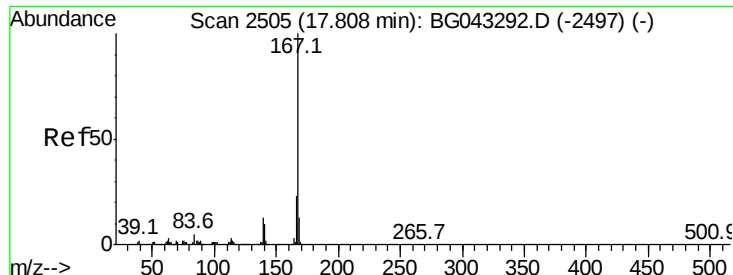
Sohil
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#72
Anthracene
Concen: 49.344 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.7	13.7	20.5





#73

Carbazole

Concen: 48.813 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

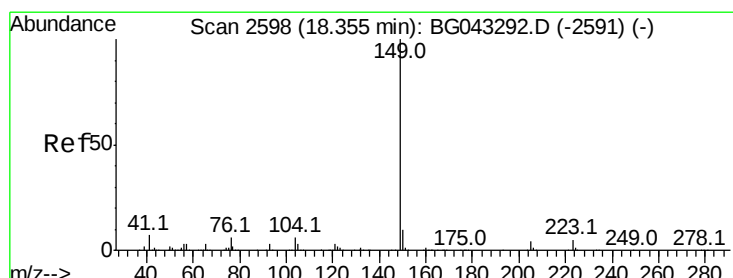
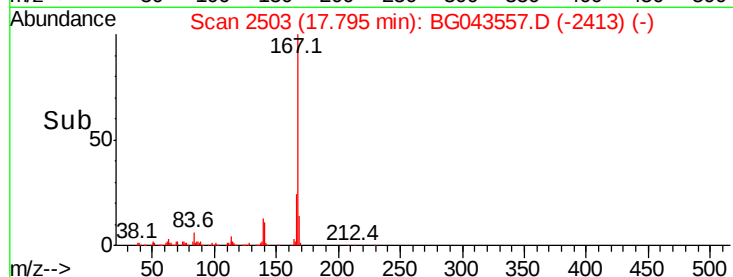
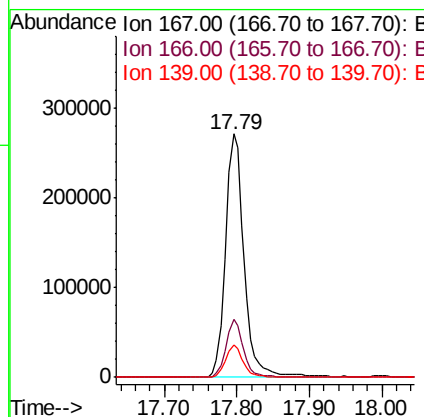
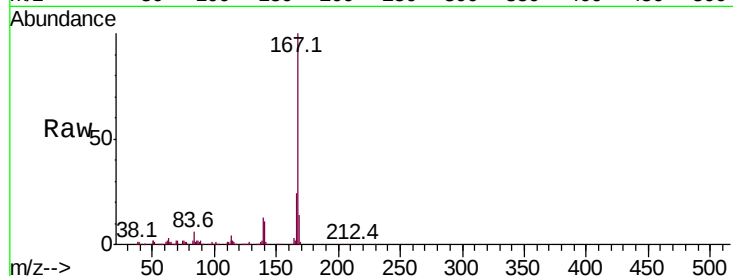
ClientSampleId :

PB124608BS

Tot Ion:	167	Resp:	482892
Ion Ratio	Lower	Upper	
167	100		
166	24.0	18.7	28.1
139	13.5	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 47.357 ng

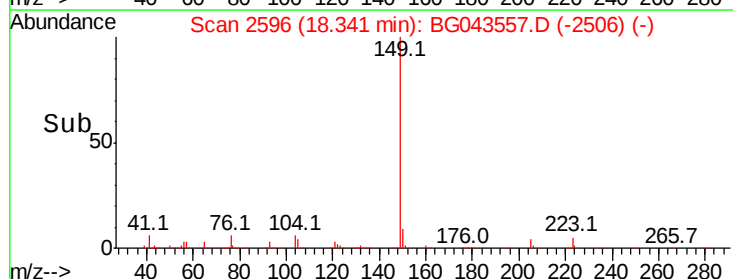
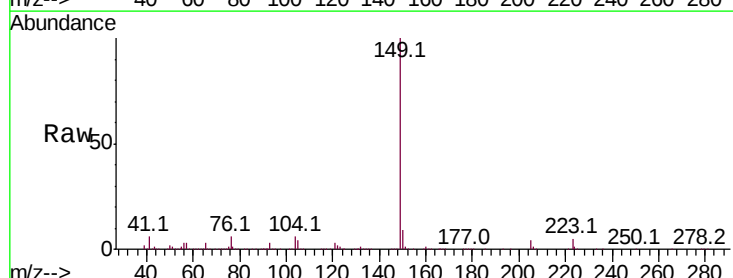
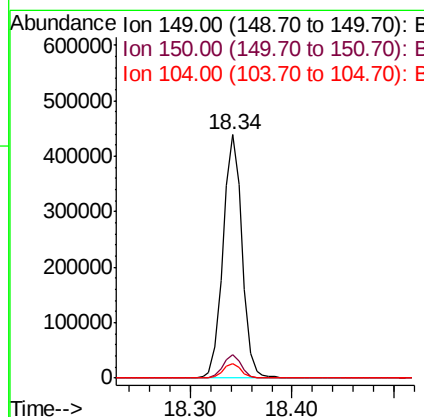
RT: 18.34 min Scan# 2596

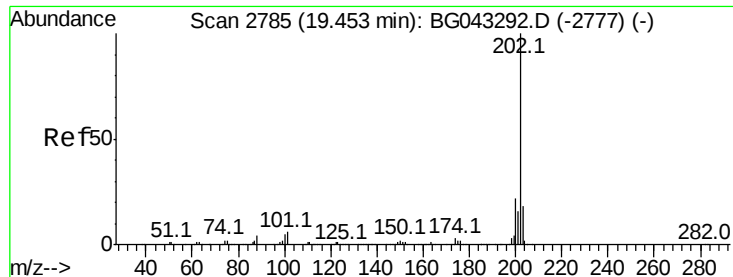
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	149	Resp:	568445
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.0	12.0
104	5.8	4.4	6.6





#75

Fluoranthene

Concen: 48.212 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

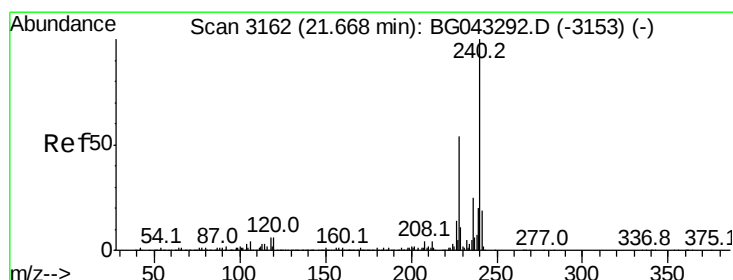
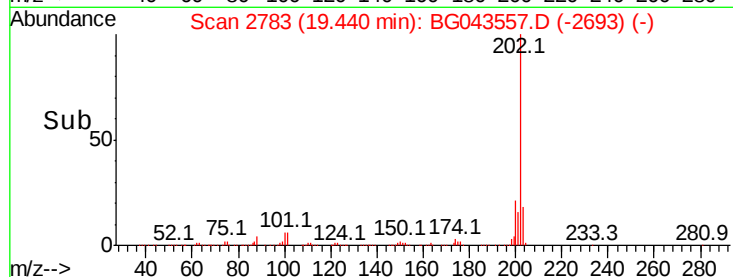
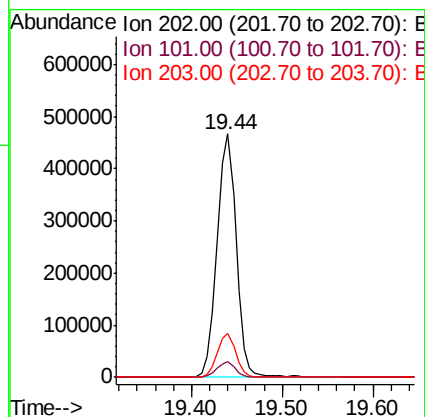
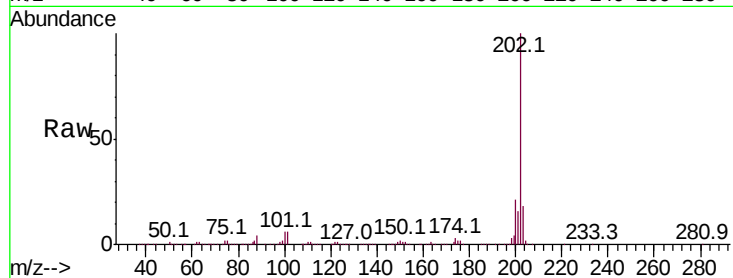
ClientSampleId :

PB124608BS

Tot Ion:	202	Resp:	686279
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.3
203	18.3	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

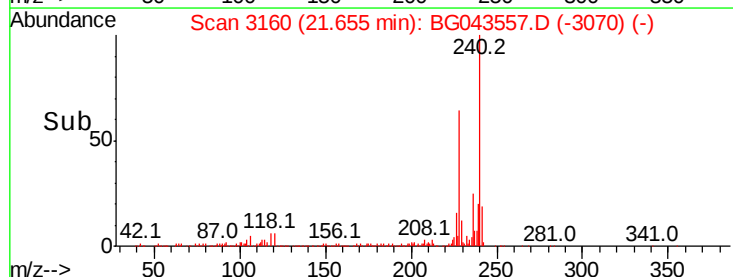
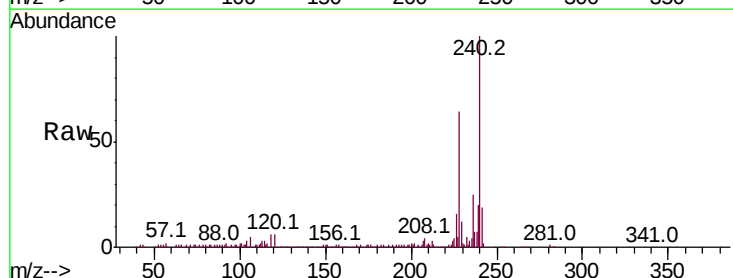
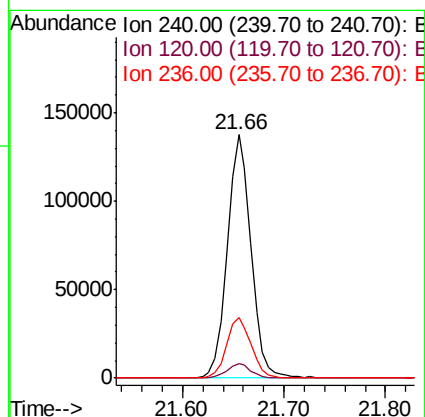
RT: 21.66 min Scan# 3160

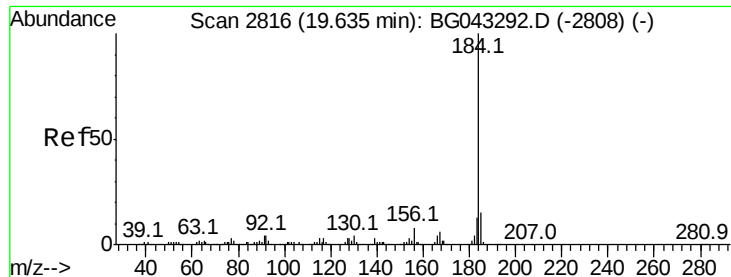
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	240	Resp:	222504
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.6	6.8
236	24.7	19.8	29.8





#77

Benzidine

Concen: 22.991 ng/mL

RT: 19.66 min Scan# 2820

Delta R.T. 0.03 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

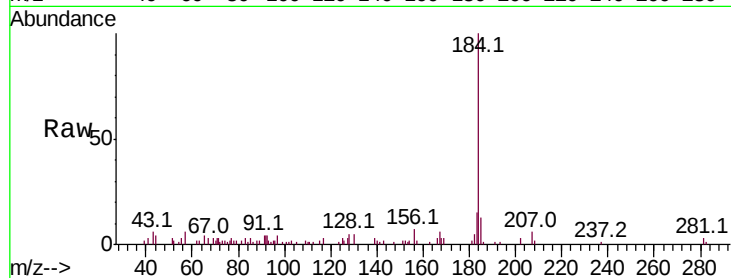
ClientSampleId :

PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.3	11.0	16.4	
183	15.5	10.0	15.0	

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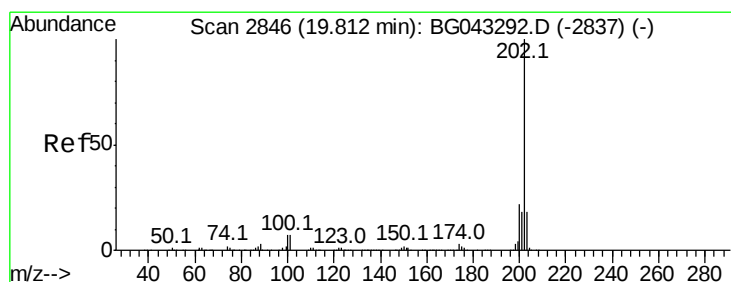
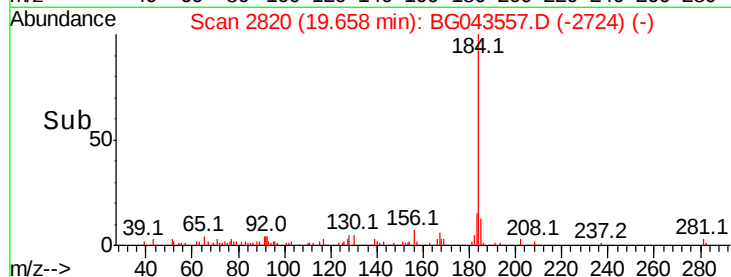
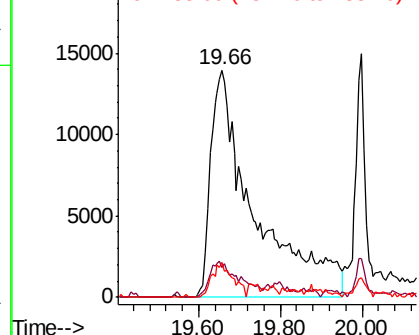


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.985 ng/mL

RT: 19.80 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

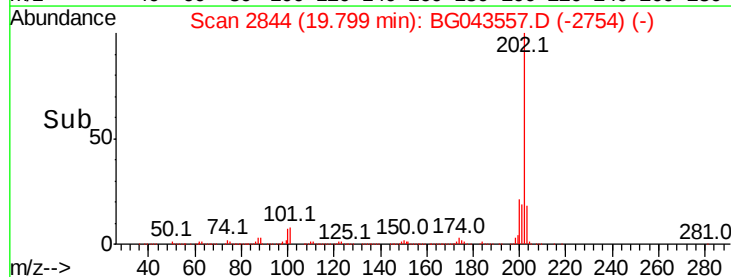
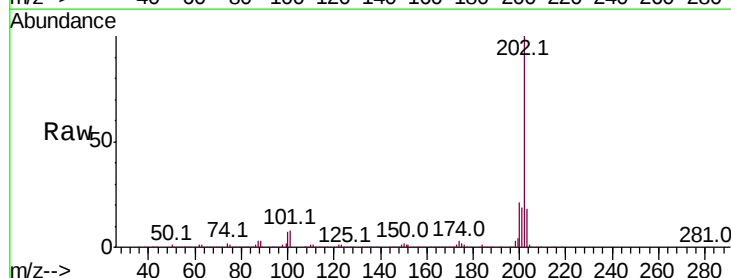
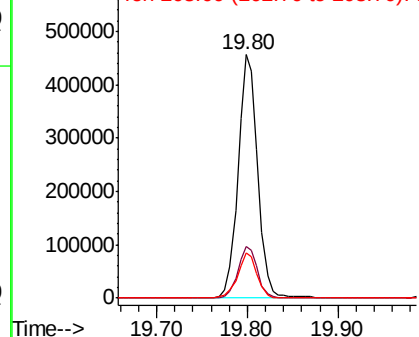
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.5	17.0	25.4	
203	18.5	14.7	22.1	

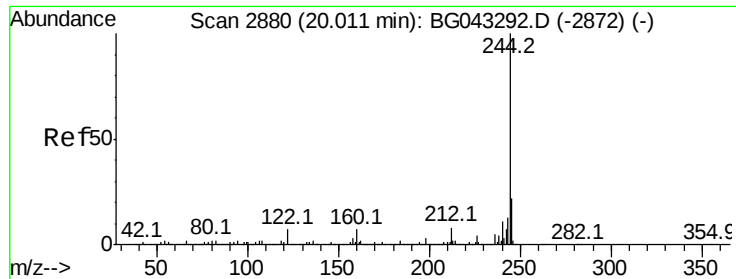
Abundance

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





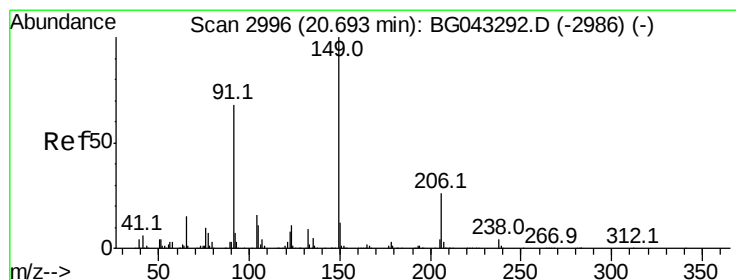
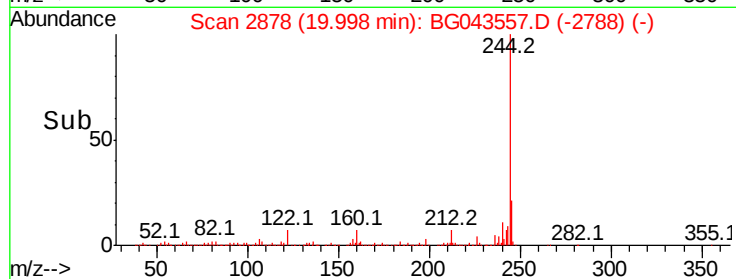
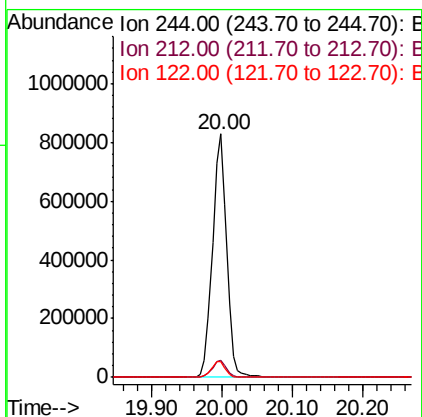
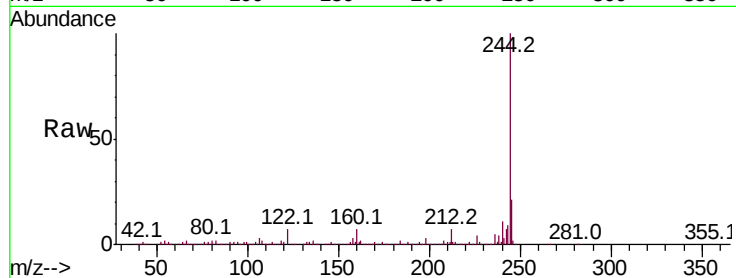
#79
 Terphenyl-d14
 Concen: 97.700 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB124608BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.5	5.4	8.2

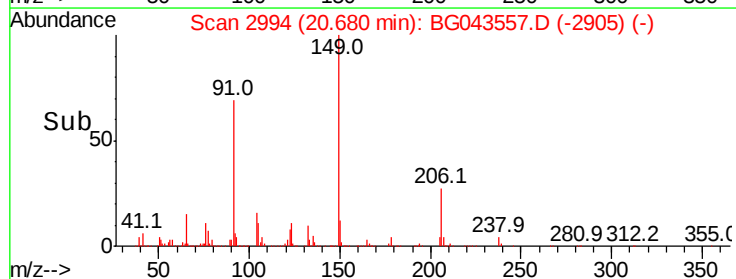
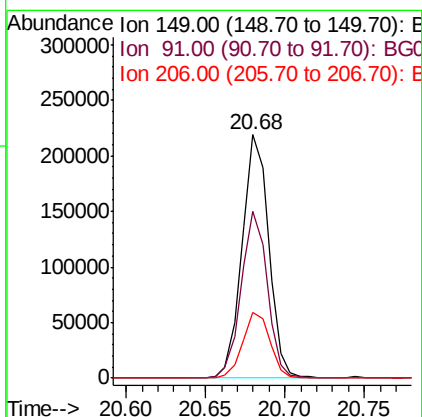
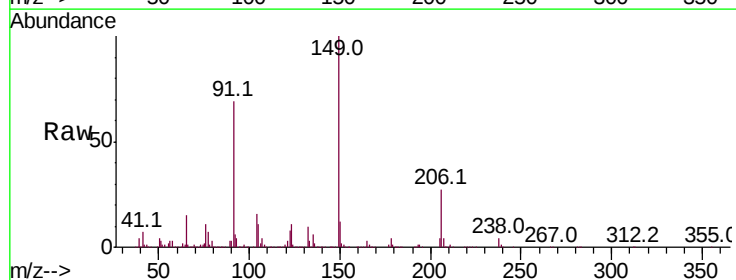
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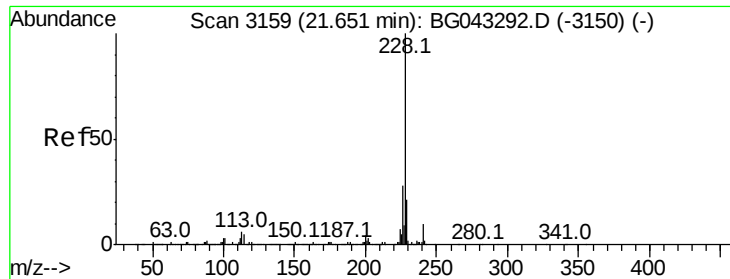
Sohil
 11/8/2019 3:33:04 PM



#80
 Butylbenzylphthalate
 Concen: 48.682 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043557.D
 Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	51.2	76.8
206	27.1	22.5	33.7





#81

Benzo(a)anthracene

Concen: 49.598 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

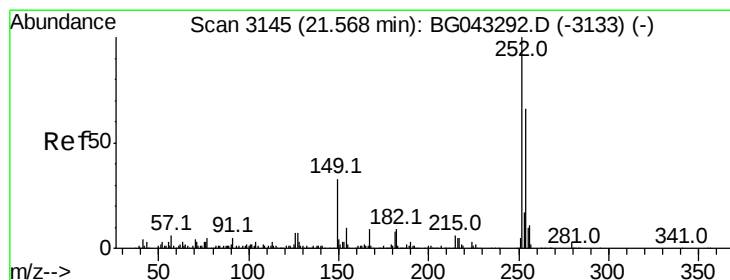
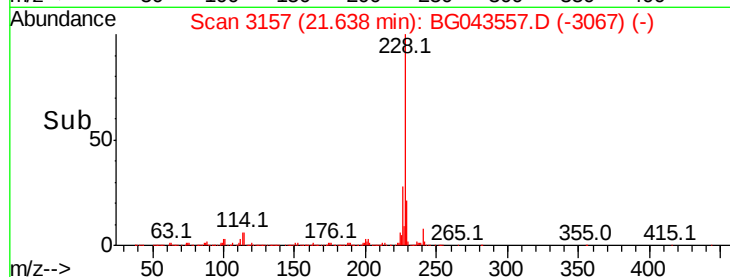
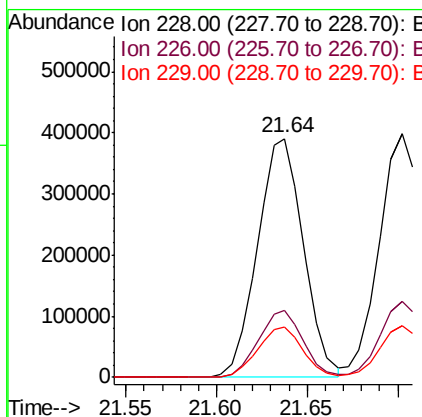
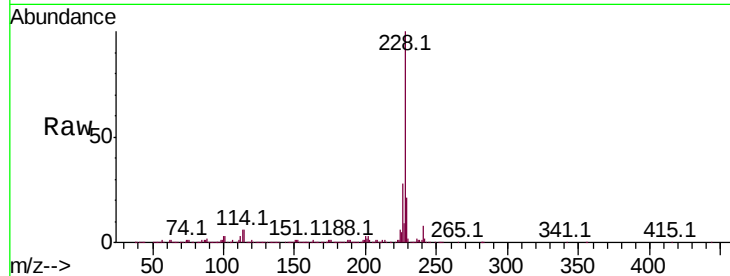
ClientSampleId :

PB124608BS

Tot Ion:	228	Resp:	691267
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.2	33.2
229	20.9	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 20.405 ng

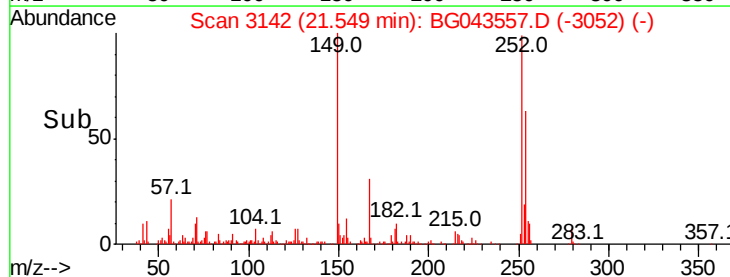
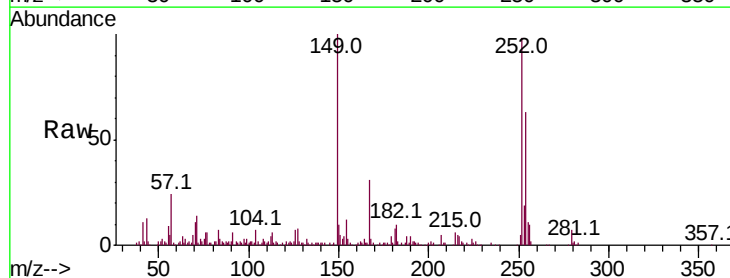
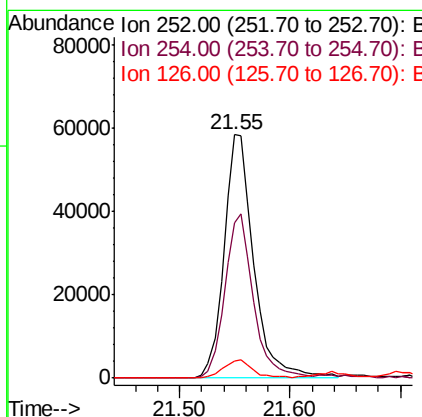
RT: 21.55 min Scan# 3142

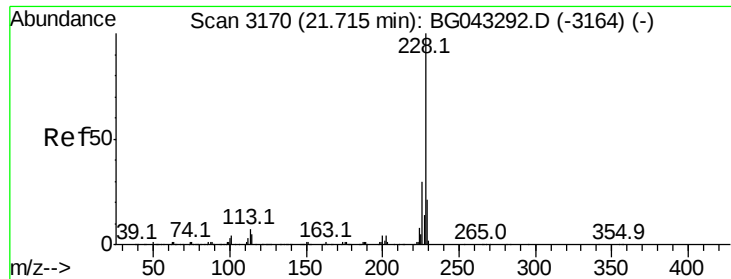
Delta R.T. -0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	252	Resp:	109997
Ion Ratio	Lower	Upper	
252	100		
254	63.9	50.8	76.2
126	6.8	6.1	9.1





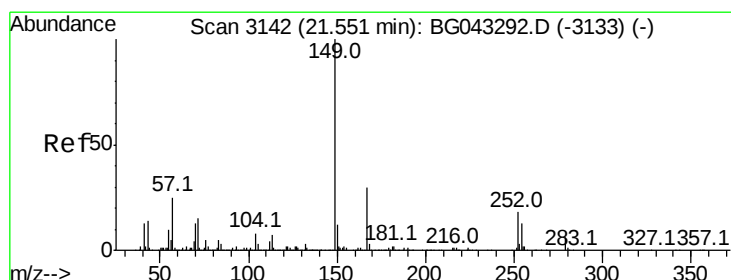
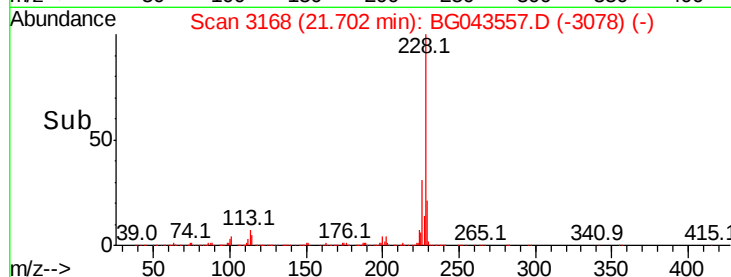
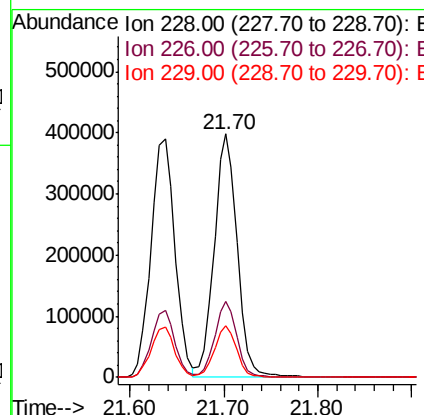
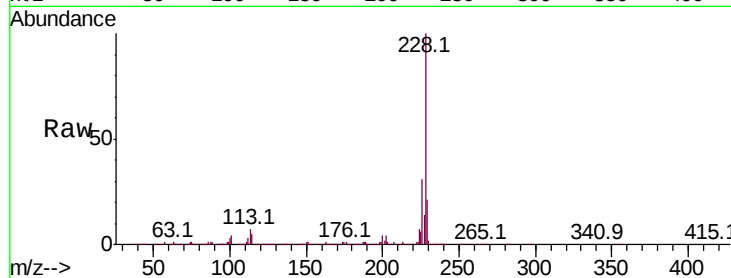
#83
Chrysene
Concen: 49.044 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	21.0	17.0	25.4

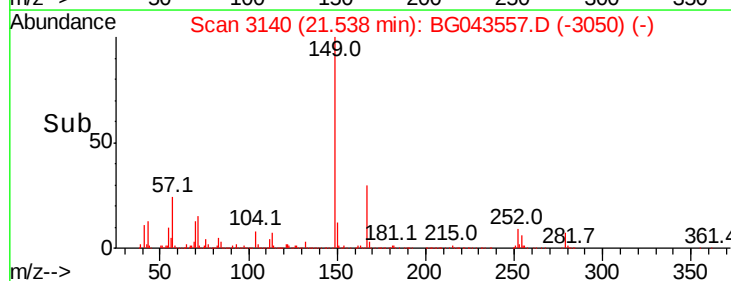
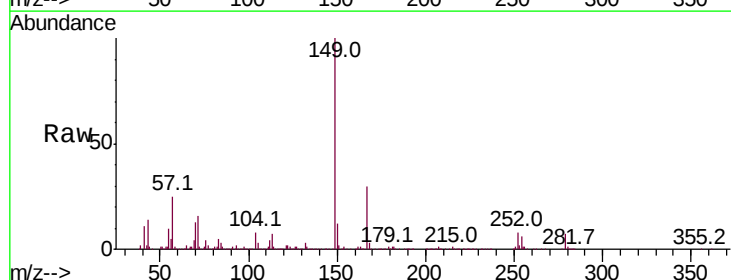
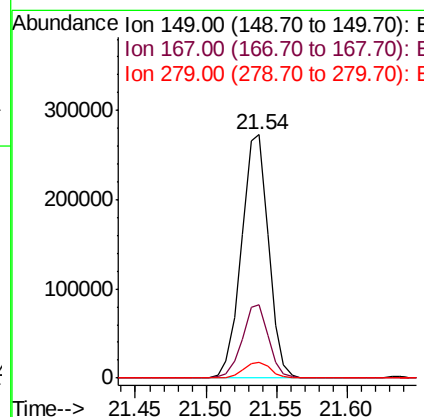
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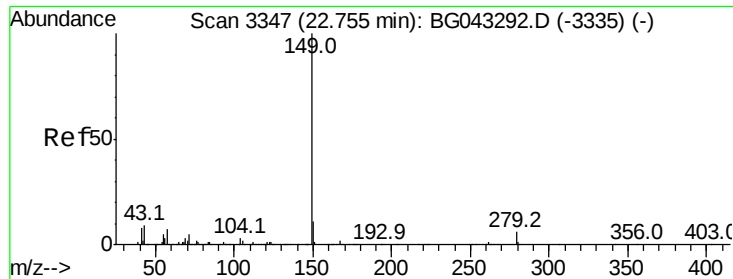
Sohil
11/8/2019 3:33:04 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.934 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.0	36.0
279	6.6	5.4	8.2





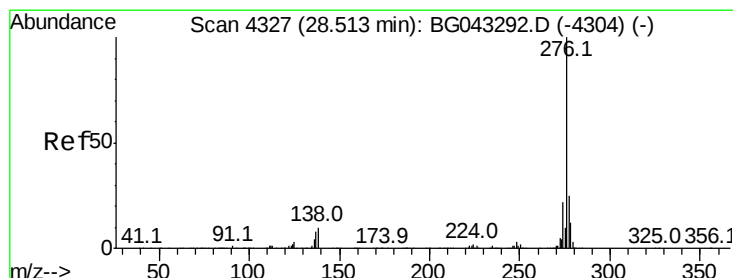
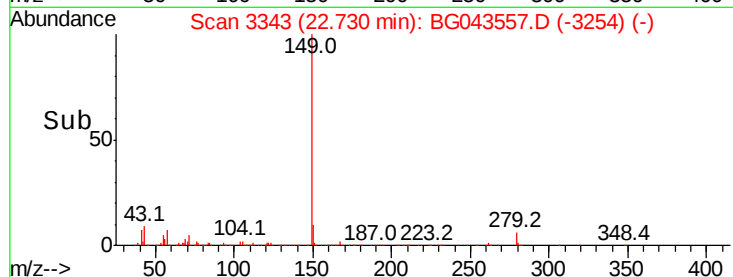
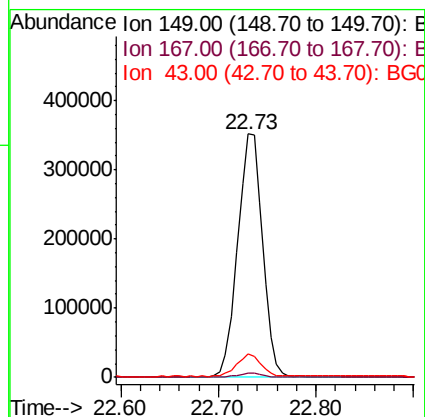
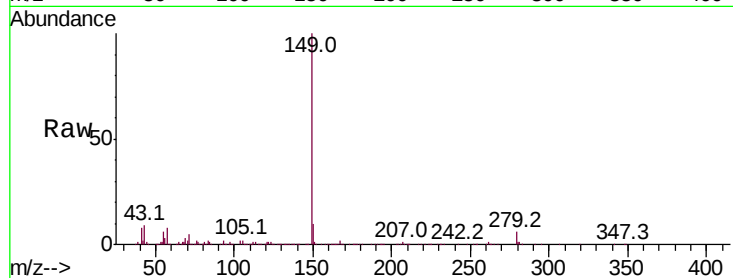
#85
Di-n-octyl phthalate
Concen: 49.650 ng
RT: 22.73 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.4	2.2	
43	8.9	7.0	10.6	

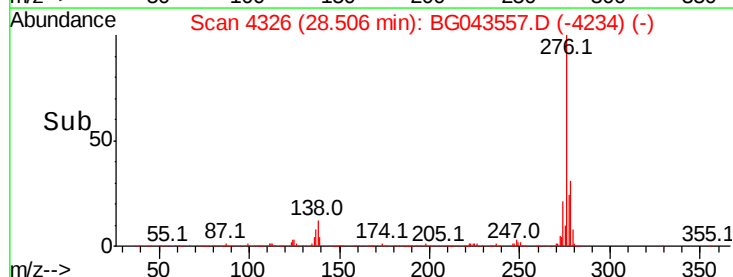
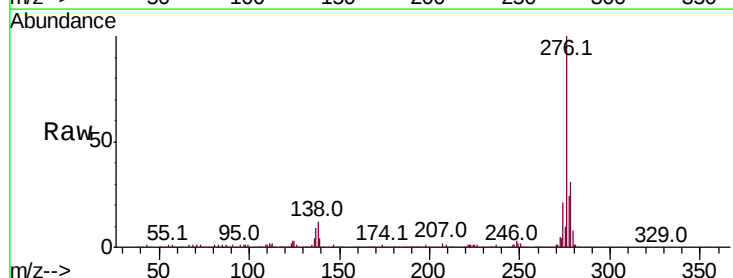
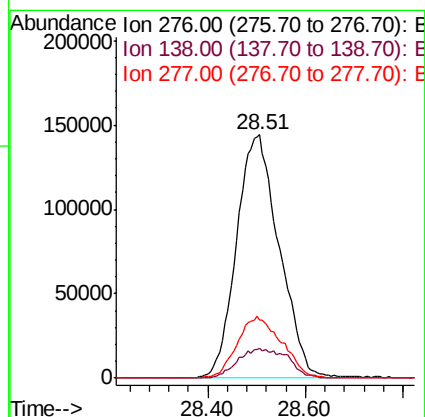
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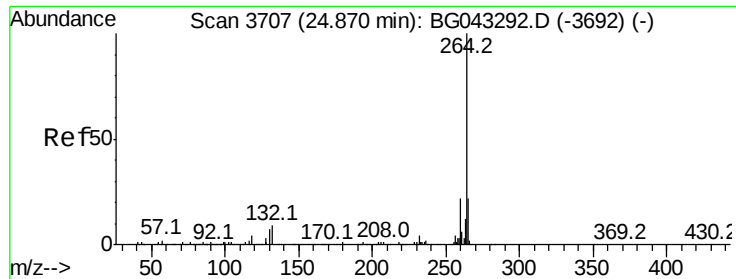
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.324 ng
RT: 28.51 min Scan# 4326
Delta R.T. 0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	14.3	6.8	10.2	
277	26.3	20.9	31.3	





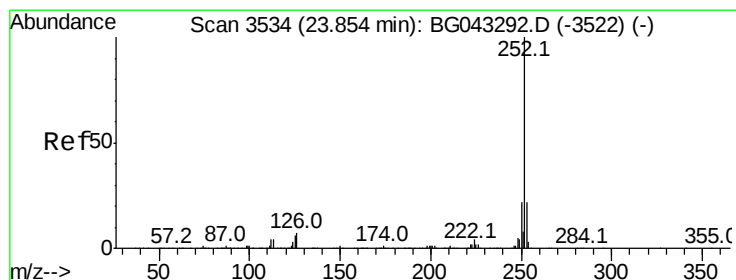
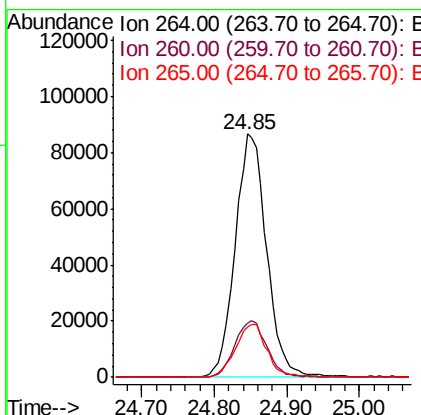
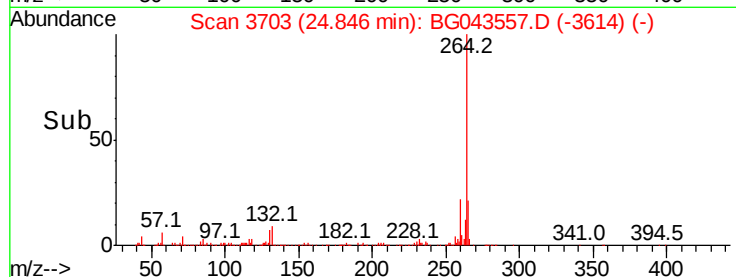
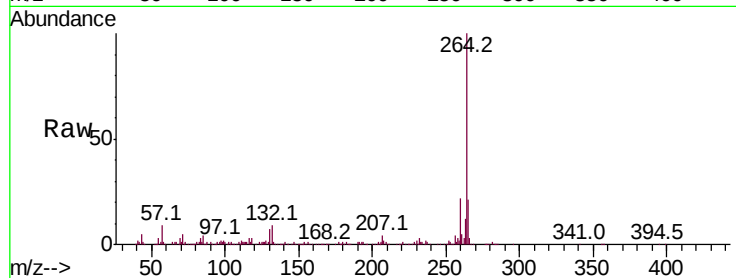
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion:	264	Resp:	260729
Ion Ratio	Lower	Upper	
264	100		
260	22.2	17.5	26.3
265	20.9	17.4	26.0

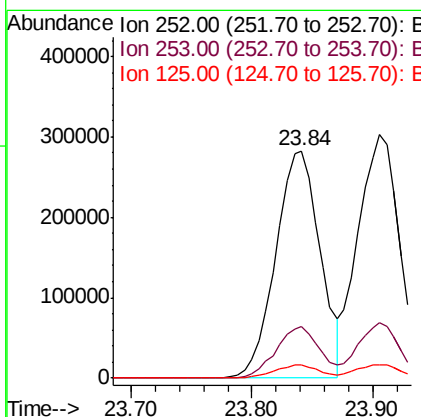
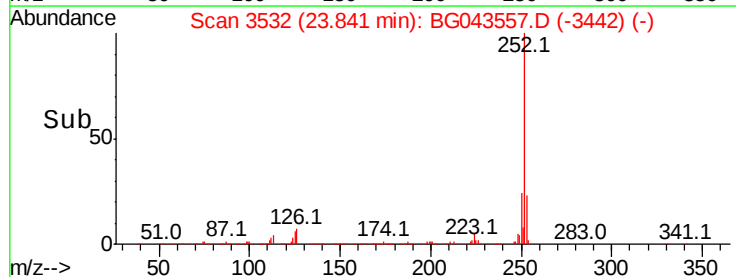
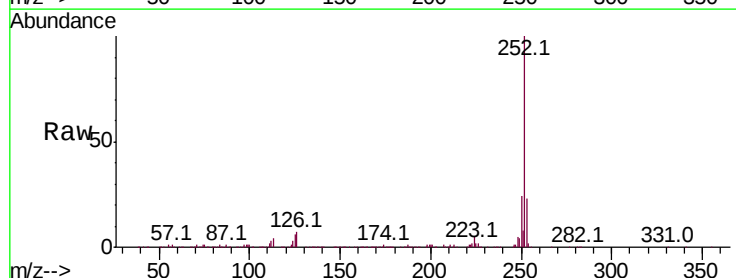
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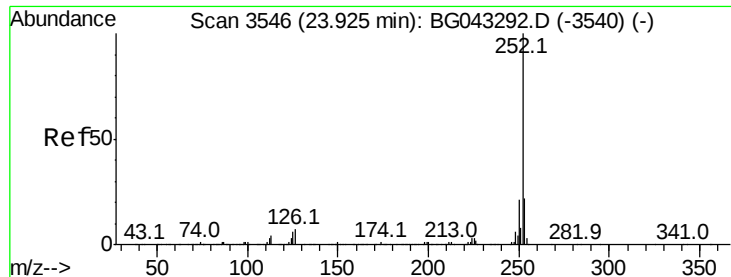
Sohil
11/8/2019 3:33:04 PM



#88
Benzo(b)fluoranthene
Concen: 48.672 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion:	252	Resp:	718728
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	6.1	4.5	6.7





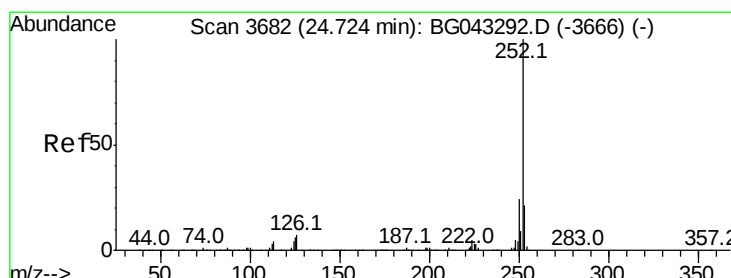
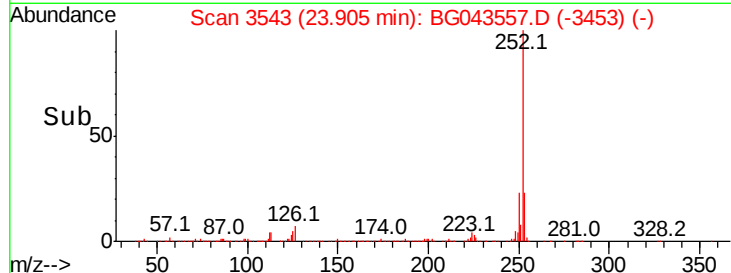
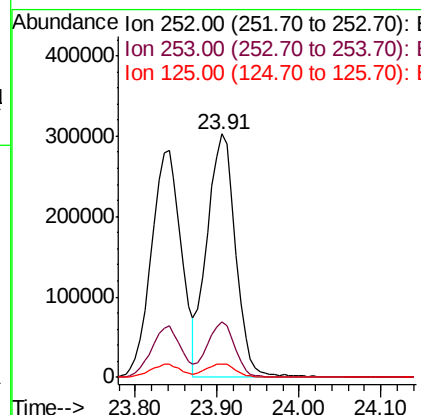
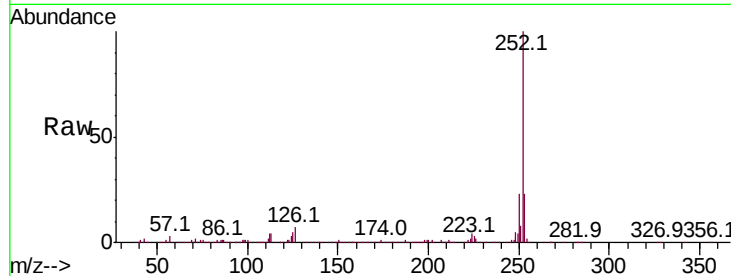
#89
Benzo(k)fluoranthene
Concen: 49.380 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB124608BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	5.2	4.6	6.8

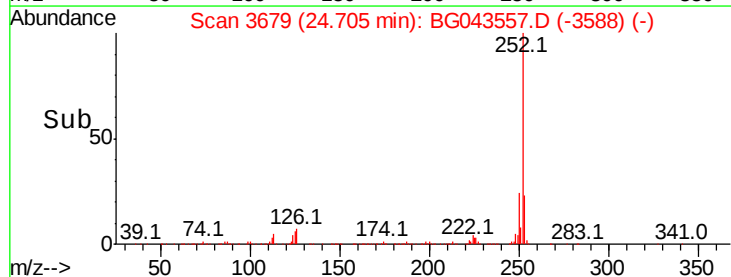
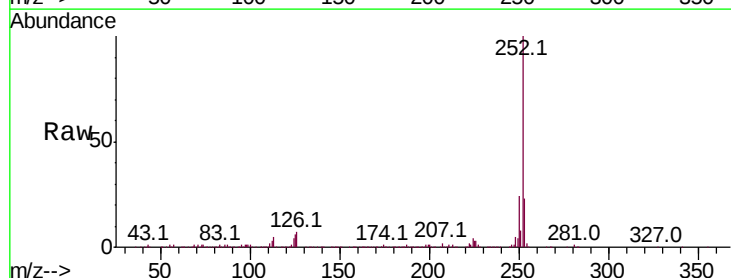
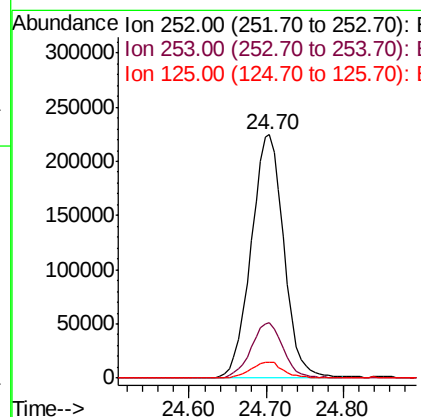
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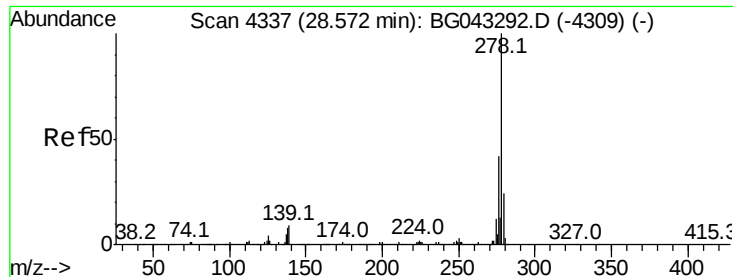
Sohil
11/8/2019 3:33:04 PM



#90
Benzo(a)pyrene
Concen: 47.261 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043557.D
Acq: 8 Nov 2019 3:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	6.4	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 52.059 ng

RT: 28.56 min Scan# 4335

Delta R.T. 0.00 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Instrument :

BNA_G

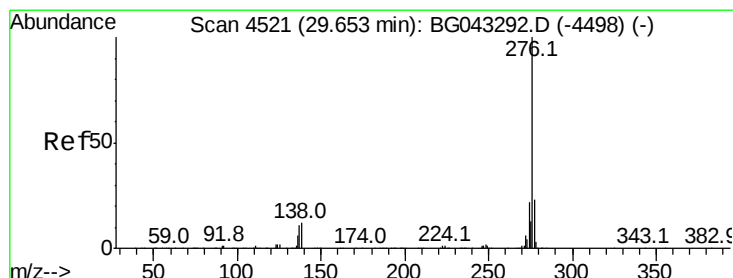
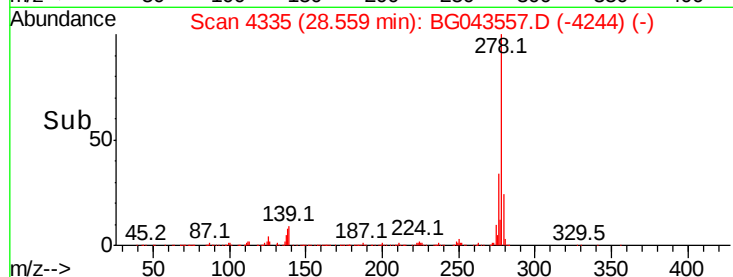
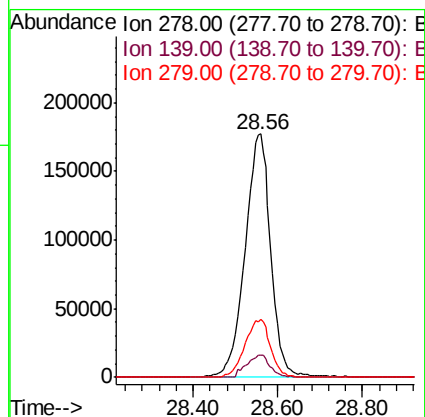
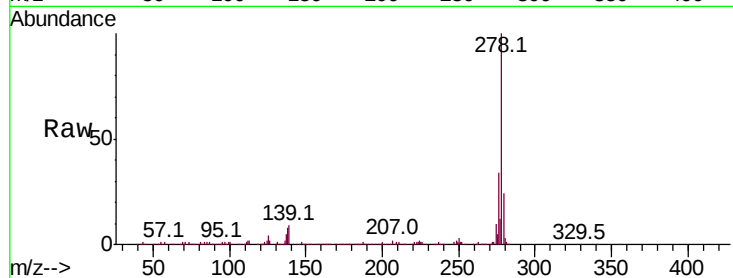
ClientSampleId :

PB124608BS

Tot Ion:	278	Resp:	750874
Ion Ratio	Lower	Upper	
278	100		
139	9.0	7.4	11.0
279	23.8	19.1	28.7

Manual Integrations
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11/8/2019 3:33:04 PM



#92

Benzo(g,h,i)perylene

Concen: 51.898 ng

RT: 29.64 min Scan# 4519

Delta R.T. 0.01 min

Lab File: BG043557.D

Acq: 8 Nov 2019 3:14

Tgt Ion:	276	Resp:	738367
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.9	28.3
138	11.5	8.9	13.3

