

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043539.D
 Acq On : 7 Nov 2019 15:00
 Operator : JU
 Sample : PB124565BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BS

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:33:00 PM

Quant Time: Nov 08 12:05:42 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	30445	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	124909	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	95137	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	222705	20.00	ng	0.00
76) Chrysene-d12	21.66	240	244357	20.00	ng	0.00
87) Perylene-d12	24.85	264	207974	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	216165	130.11	ng	0.02
7) Phenol-d6	7.22	99	286711	119.94	ng	0.02
23) Nitrobenzene-d5	9.17	82	146978	60.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	183689	101.46	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	395748	57.48	ng	0.00
79) Terphenyl-d14	20.00	244	783231	60.13	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.46	88	24065	37.169	ng	96
3) Pyridine	3.86	79	56952	34.871	ng	90
4) n-Nitrosodimethylamine	3.78	42	34474	41.830	ng	89
6) Aniline	7.34	93	77229	28.046	ng	99
8) 2-Chlorophenol	7.59	128	82599	45.037	ng	98
9) Benzaldehyde	7.15	77	21483	18.287	ng	92
10) Phenol	7.24	94	101127	46.296	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	65160	38.583	ng	99
12) 1,3-Dichlorobenzene	7.90	146	87095	37.902	ng	98
13) 1,4-Dichlorobenzene	8.04	146	90655	38.993	ng	97
14) 1,2-Dichlorobenzene	8.36	146	87532	38.560	ng	94
15) Benzyl Alcohol	8.26	79	74600	44.437	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91414	37.226	ng	98
17) 2-Methylphenol	8.48	107	71440	44.863	ng	93
18) Hexachloroethane	9.09	117	32051	38.211	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	60939	39.452	ng	94
20) 3+4-Methylphenols	8.82	107	97537m	44.669	ng	
22) Acetophenone	8.83	105	120951	37.811	ng	# 90
24) Nitrobenzene	9.22	77	93625	40.565	ng	# 98
25) Isophorone	9.73	82	171706	38.763	ng	98
26) 2-Nitrophenol	9.93	139	48566	43.585	ng	96
27) 2,4-Dimethylphenol	10.00	122	79393	49.712	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	94149	38.510	ng	97
29) 2,4-Dichlorophenol	10.49	162	90551	44.252	ng	93
30) 1,2,4-Trichlorobenzene	10.67	180	96173	37.290	ng	94
31) Naphthalene	10.86	128	256293	40.423	ng	99
32) Benzoic acid	10.19	122	47268	40.503	ng	97
33) 4-Chloroaniline	10.99	127	65249	25.106	ng	96
34) Hexachlorobutadiene	11.15	225	69637	36.526	ng	94
35) Caprolactam	11.76	113	28764m	40.815	ng	
36) 4-Chloro-3-methylphenol	12.13	107	94012	42.119	ng	94
37) 2-Methylnaphthalene	12.47	142	195343	40.154	ng	97
38) 1-Methylnaphthalene	12.69	142	188466	40.716	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	124905	35.475	ng	98

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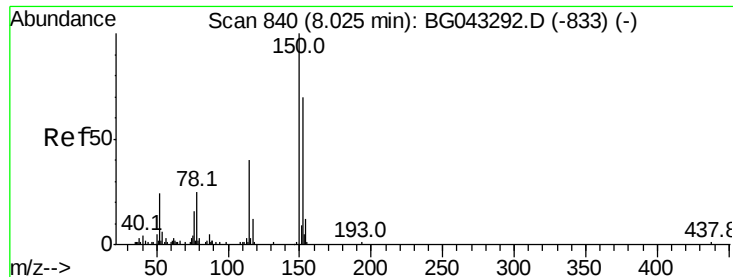
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	88944	48.090	nq	95
43) 2,4,6-Trichlorophenol	13.09	196	81725	39.414	nq	93
44) 2,4,5-Trichlorophenol	13.18	196	86822	41.418	nq	96
46) 1,1'-Biphenyl	13.47	154	259480	35.852	nq	98
47) 2-Chloronaphthalene	13.52	162	201485	36.588	nq	97
48) 2-Nitroaniline	13.73	65	61134	37.144	nq	97
49) Acenaphthylene	14.36	152	329460	38.441	nq	99
50) Dimethylphthalate	14.10	163	272396	36.965	nq	97
51) 2,6-Dinitrotoluene	14.22	165	62264	38.893	nq	97
52) Acenaphthene	14.70	154	196014	37.503	nq	97
53) 3-Nitroaniline	14.56	138	42956	27.792	nq	97
54) 2,4-Dinitrophenol	14.76	184	66008	67.301	nq	93
55) Dibenzofuran	15.04	168	322632	38.065	nq	99
56) 4-Nitrophenol	14.91	139	90422	87.298	nq	90
57) 2,4-Dinitrotoluene	15.01	165	86198	37.676	nq	98
58) Fluorene	15.69	166	269620	37.928	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	87168	39.138	nq	99
60) Diethylphthalate	15.46	149	269303	36.371	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	152819	36.850	nq	97
62) 4-Nitroaniline	15.73	138	59373	37.195	nq	97
63) Azobenzene	15.97	77	224759	37.507	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	54906	41.893	nq	94
66) n-Nitrosodiphenylamine	15.90	169	238269	37.895	nq	96
67) 4-Bromophenyl-phenylether	16.57	248	107866	35.990	nq	99
68) Hexachlorobenzene	16.70	284	121765	35.394	nq	97
69) Atrazine	16.84	200	98821	45.232	nq	97
70) Pentachlorophenol	17.05	266	112734	71.914	nq	97
71) Phenanthrene	17.43	178	429591	37.670	nq	99
72) Anthracene	17.52	178	442693	38.798	nq	99
73) Carbazole	17.80	167	404635	39.161	nq	99
74) Di-n-butylphthalate	18.34	149	478504	38.167	nq	98
75) Fluoranthene	19.44	202	578572	38.915	nq	100
77) Benzidine	19.63	184	98068	19.942	nq	98
78) Pyrene	19.80	202	592925	39.201	nq	100
80) Butylbenzylphthalate	20.69	149	217248	37.911	nq	97
81) Benzo(a)anthracene	21.64	228	592027	38.679	nq	97
82) 3,3'-Dichlorobenzidine	21.56	252	186142	31.442	nq	100
83) Chrysene	21.70	228	565282	37.170	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	308433	37.890	nq	99
85) Di-n-octyl phthalate	22.74	149	516900	37.429	nq	100
86) Indeno(1,2,3-cd)pyrene	28.50	276	710302	37.208	nq	# 96
88) Benzo(b)fluoranthene	23.84	252	605741	51.426	nq	99
89) Benzo(k)fluoranthene	23.91	252	601046	50.687	nq	97
90) Benzo(a)pyrene	24.70	252	551723	49.050	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	609443	52.971	nq	99
92) Benzo(g,h,i)perylene	29.64	276	596100m	52.526	nq	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.01 min

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Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

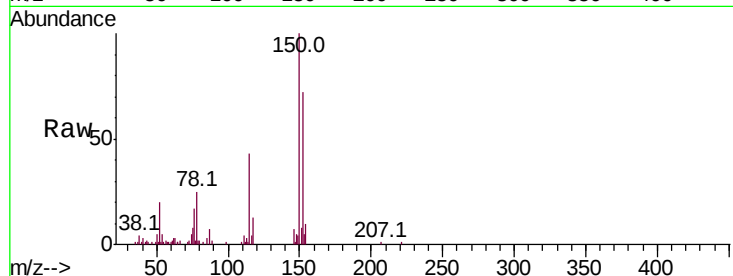
ClientSampleId :

PB124565BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.1	129.4	194.0
115	59.5	48.8	73.2

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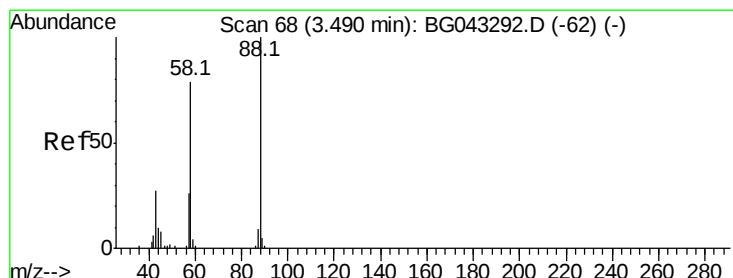
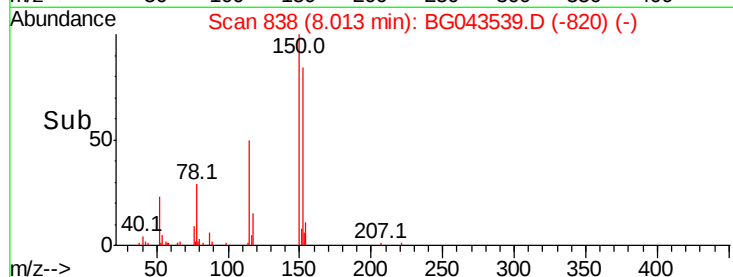
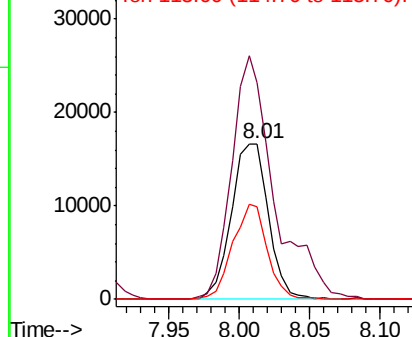
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.169 ng

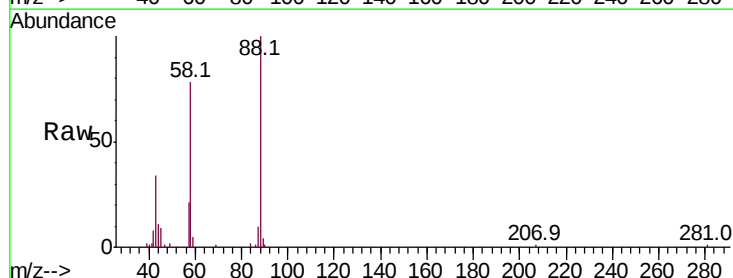
RT: 3.46 min Scan# 64

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

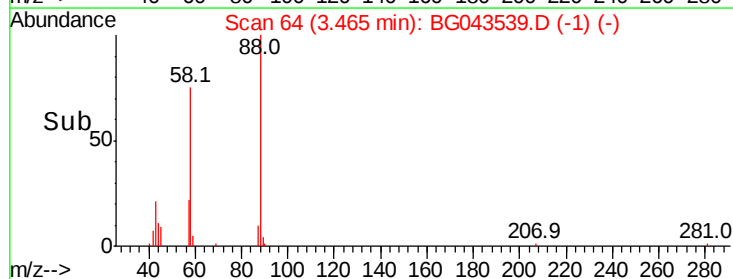
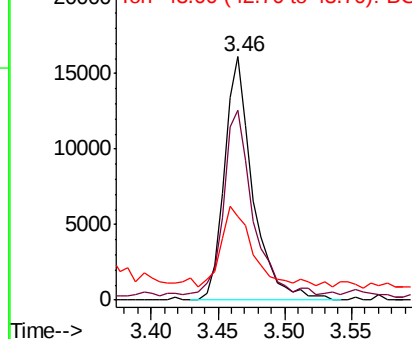
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	62.7	94.1
43	35.3	23.7	35.5

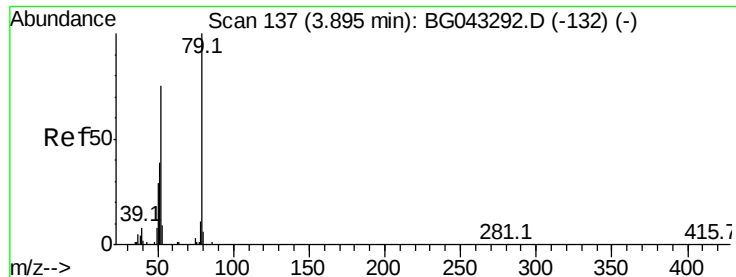


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.871 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

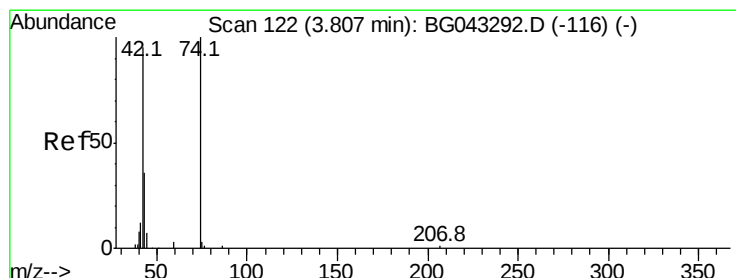
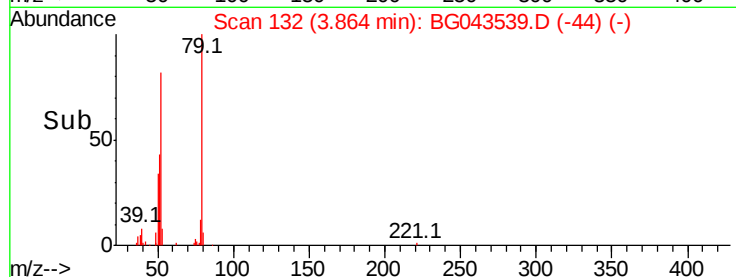
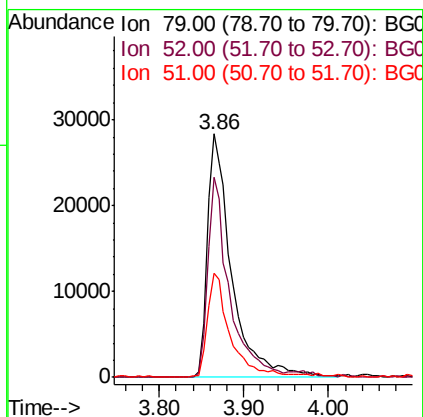
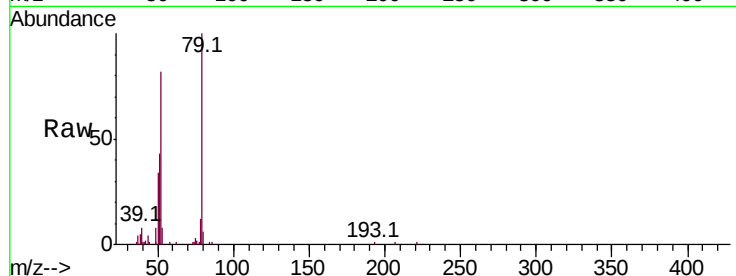
ClientSampleId :

PB124565BS

Tot Ion:	79	Resp:	56952
Ion Ratio	Lower	Upper	
79	100		
52	82.2	56.5	84.7
51	43.0	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 41.830 ng

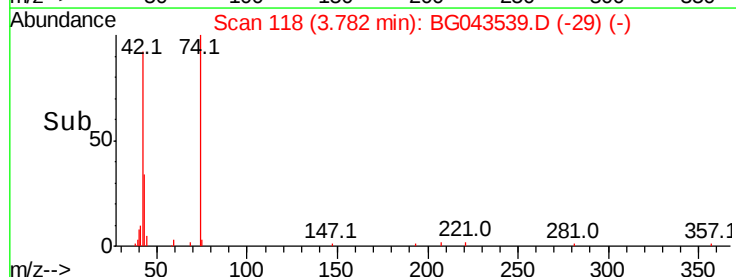
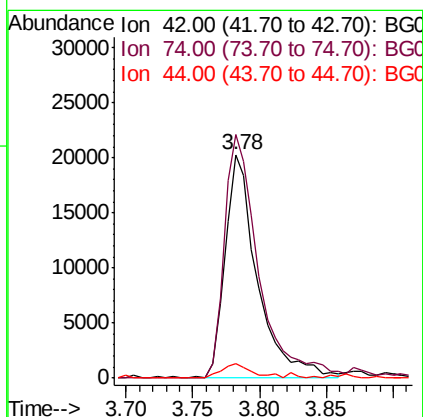
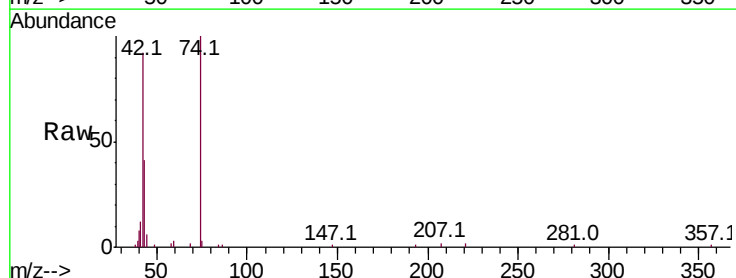
RT: 3.78 min Scan# 118

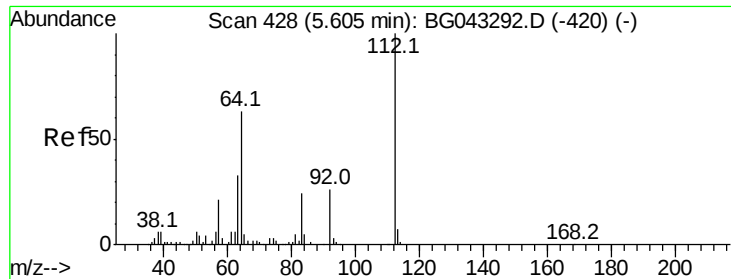
Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	42	Resp:	34474
Ion Ratio	Lower	Upper	
42	100		
74	109.0	97.3	145.9
44	6.5	4.4	6.6





#5

2-Fluorophenol

Concen: 130.107 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

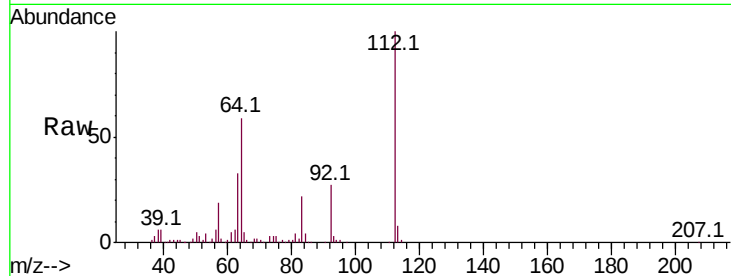
ClientSampleId :

PB124565BS

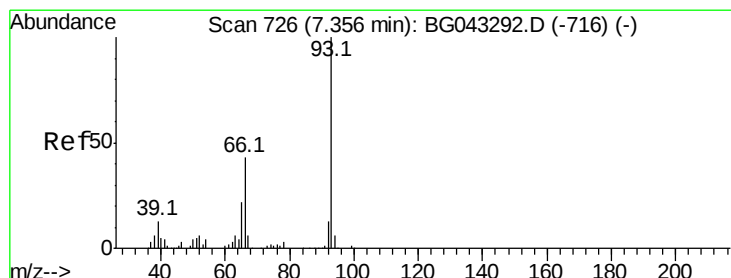
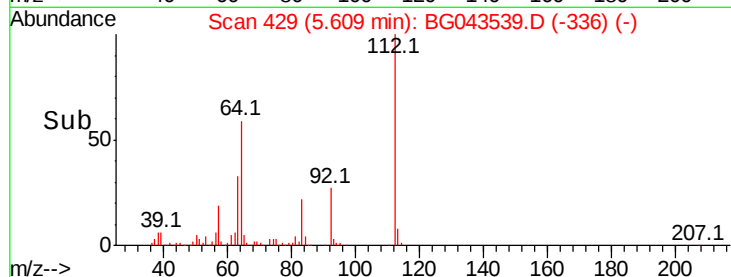
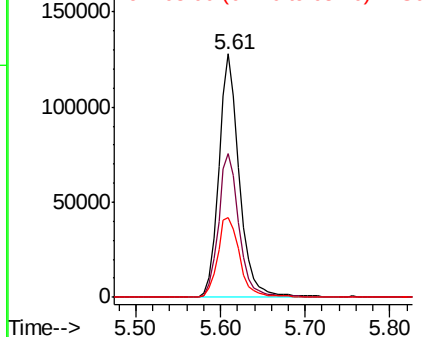
Tot Ion:	112	Resp:	216165
Ion Ratio	Lower	Upper	
112	100		
64	59.1	50.0	75.0
63	32.8	26.6	40.0

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



#6

Aniline

Concen: 28.046 ng

RT: 7.34 min Scan# 723

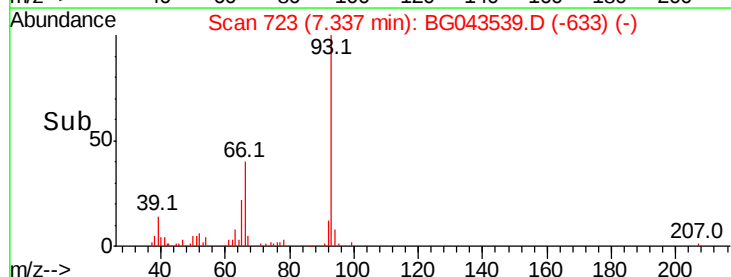
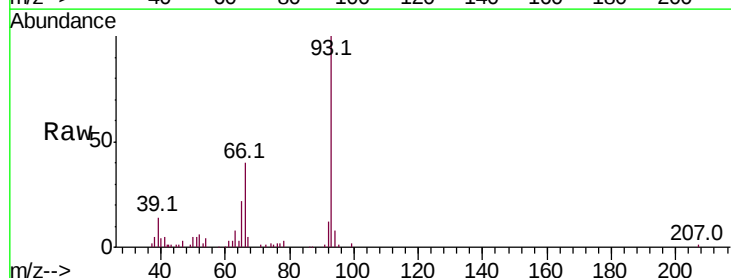
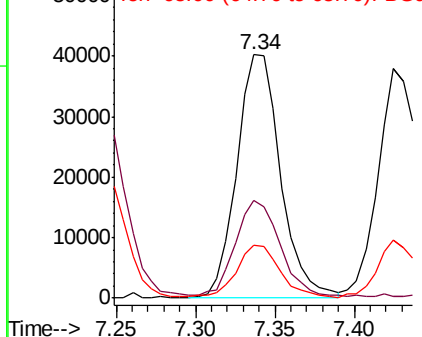
Delta R.T. -0.00 min

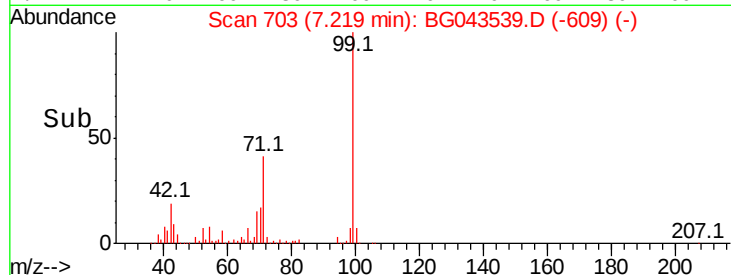
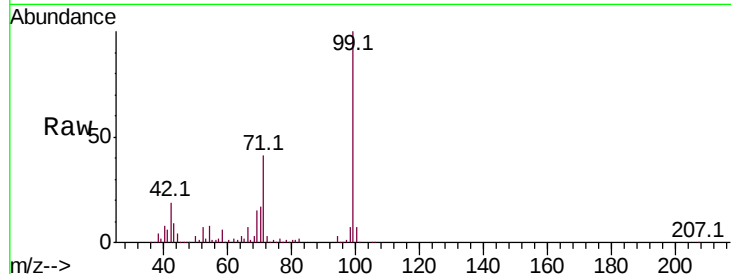
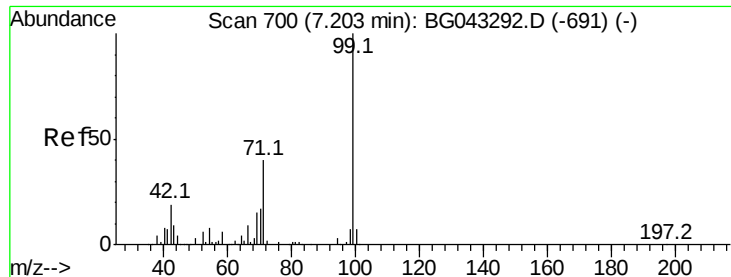
Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	93	Resp:	77229
Ion Ratio	Lower	Upper	
93	100		
66	40.4	32.3	48.5
65	21.8	16.1	24.1

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





#7

Phenol-d6

Concen: 119.942 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tot Ion	99	Resp	286711
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.6	21.8
71	40.5	32.5	48.7

Instrument :

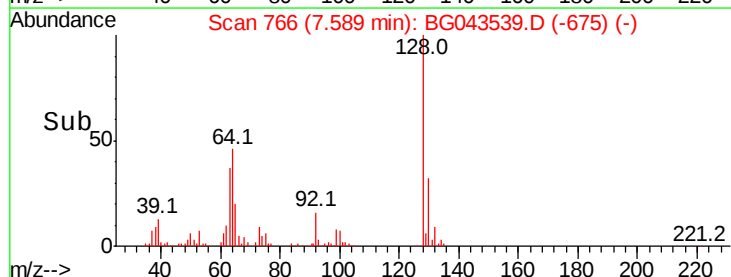
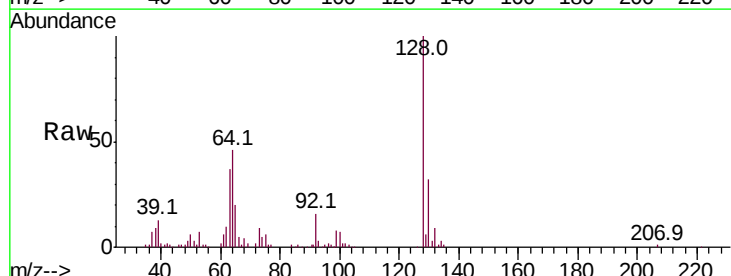
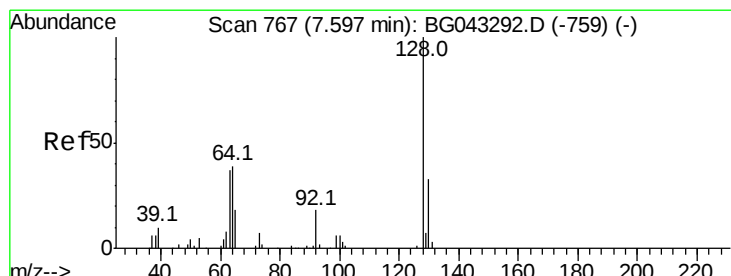
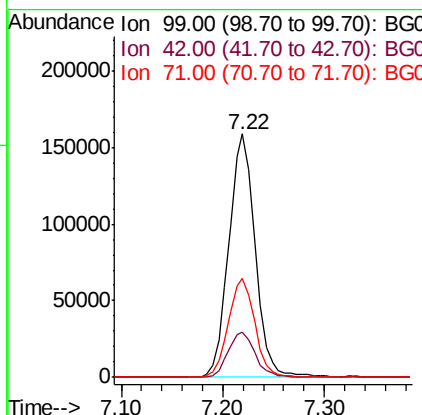
BNA_G

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#8

2-Chlorophenol

Concen: 45.037 ng

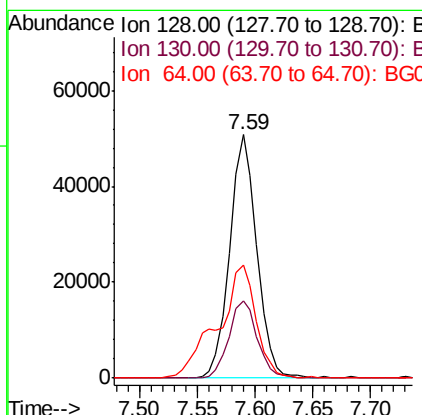
RT: 7.59 min Scan# 766

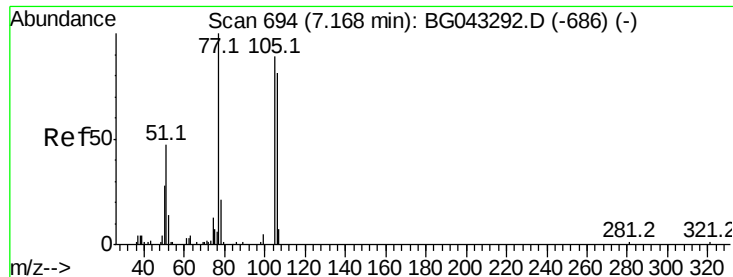
Delta R.T. 0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion	128	Resp	82599
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.5	52.5
64	46.4	25.3	65.3





#9

Benzaldehyde

Concen: 18.287 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

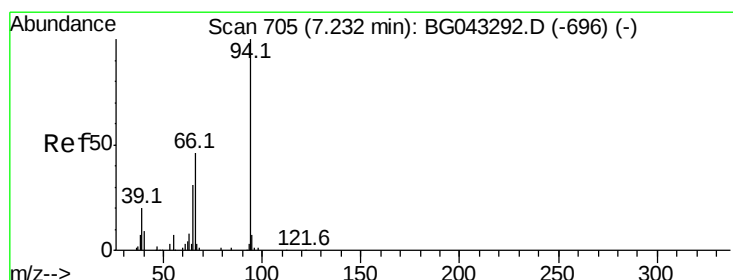
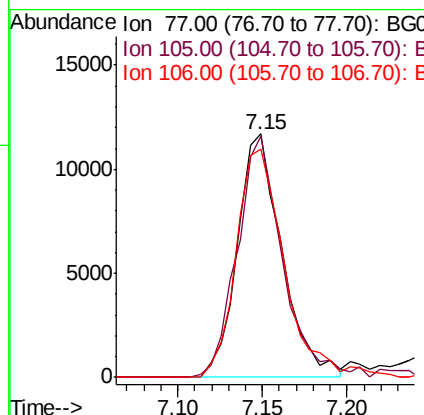
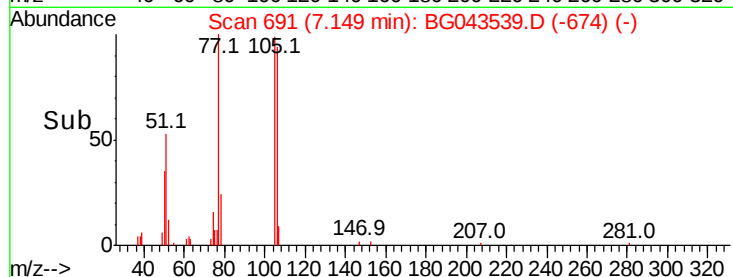
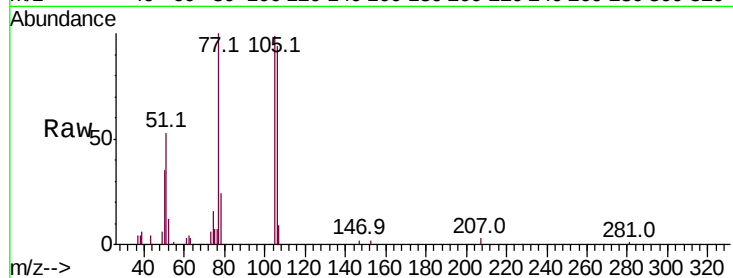
ClientSampleId :

PB124565BS

Tot Ion:	77	Resp:	21483
Ion	Ratio	Lower	Upper
77	100		
105	98.8	68.6	108.6
106	94.0	69.9	109.9

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#10

Phenol

Concen: 46.296 ng

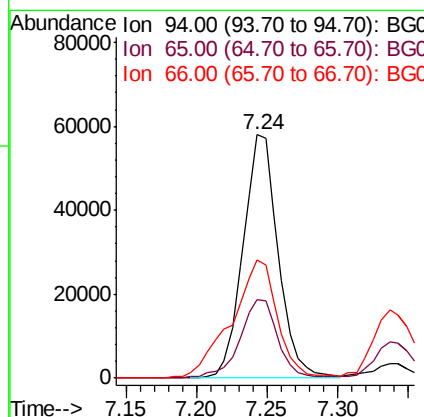
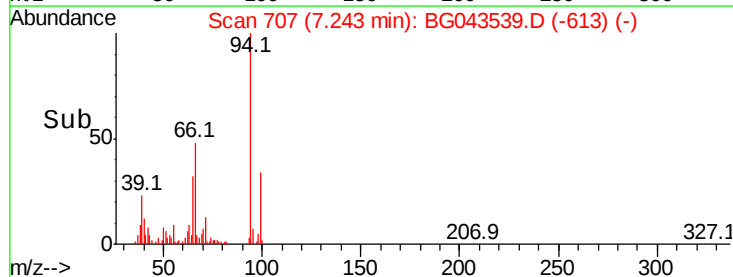
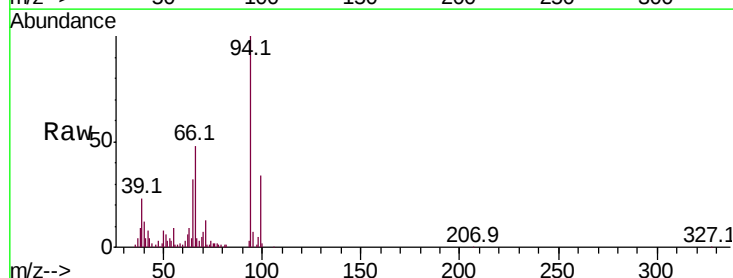
RT: 7.24 min Scan# 707

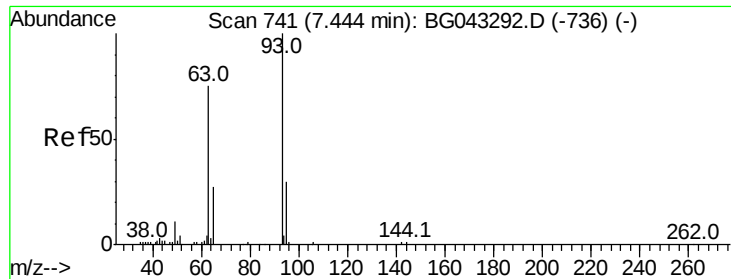
Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	94	Resp:	101127
Ion	Ratio	Lower	Upper
94	100		
65	32.3	12.6	52.6
66	48.3	30.7	70.7





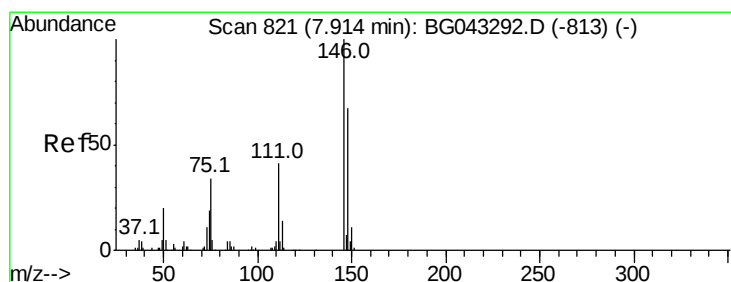
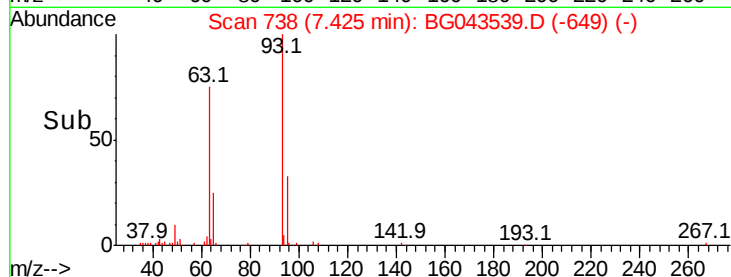
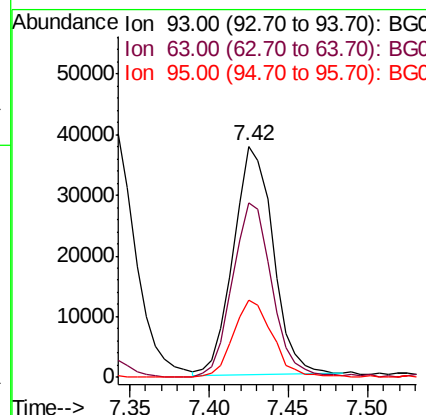
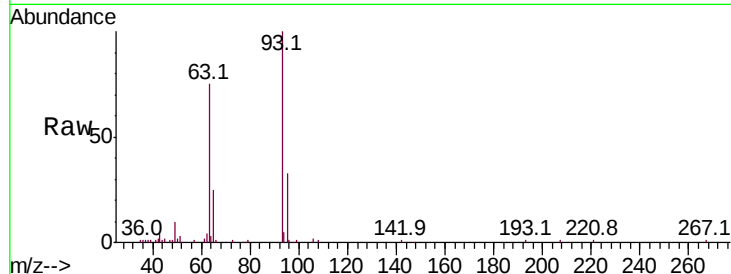
#11
bis(2-Chloroethyl)ether
Concen: 38.583 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampled :
PB124565BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	56.3	96.3
95	33.5	12.2	52.2

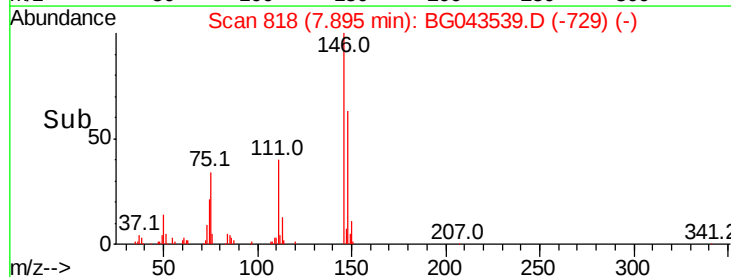
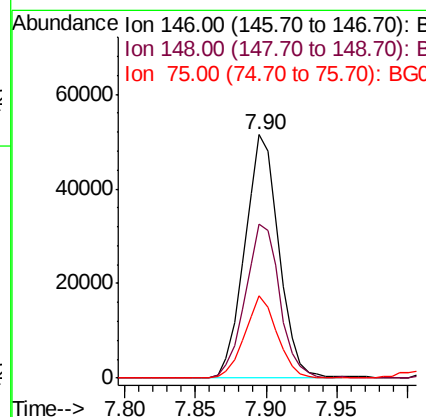
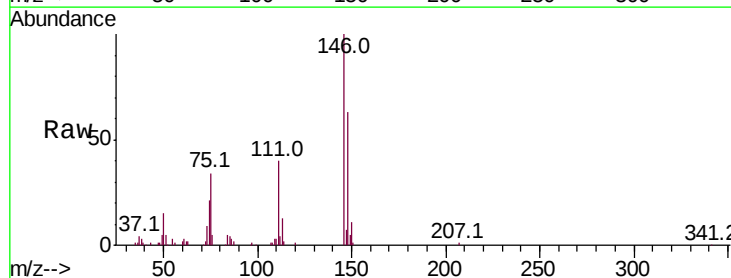
Manual Integrations
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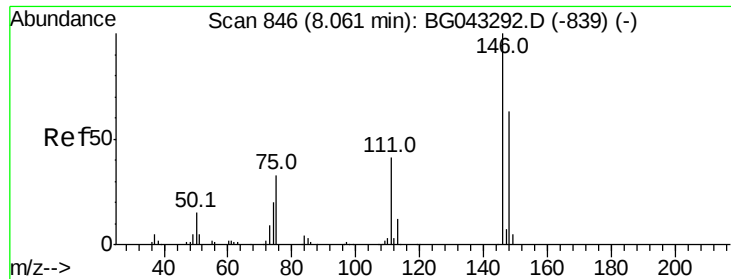
Sohil
11/8/2019 3:33:00 PM



#12
1,3-Dichlorobenzene
Concen: 37.902 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
75	33.6	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 38.993 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

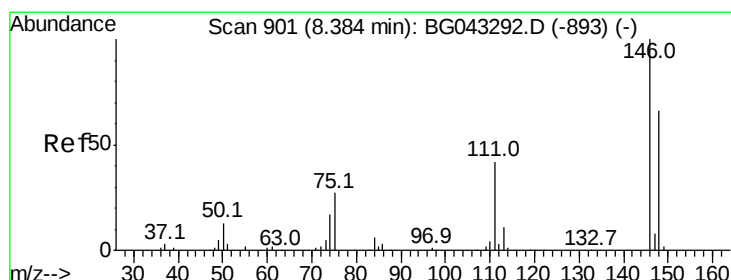
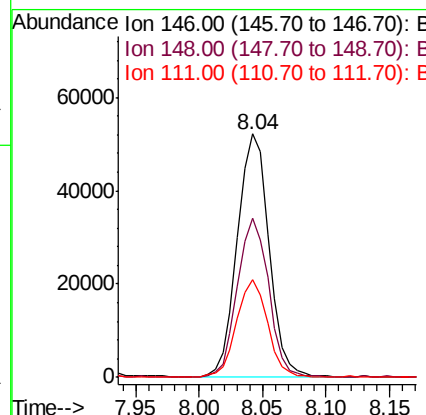
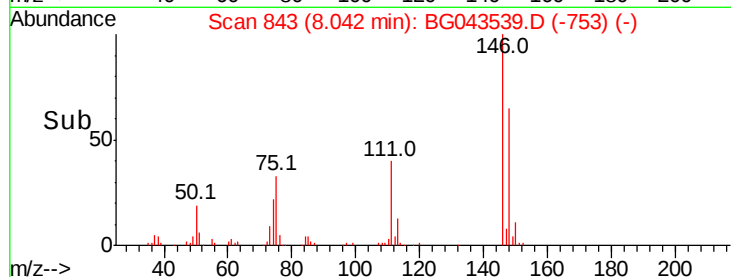
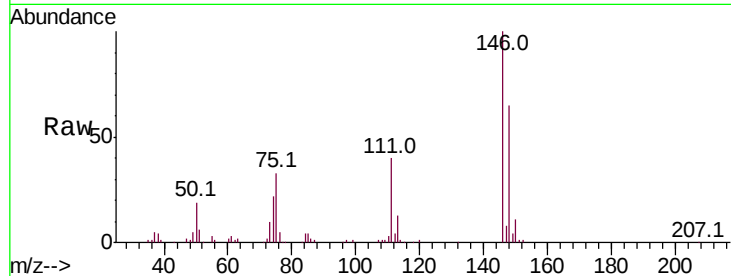
ClientSampleId :

PB124565BS

Tot Ion:	146	Resp:	90655
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.7	76.1
111	40.0	33.4	50.2

Manual Integrations
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11/8/2019 3:33:00 PM



#14

1,2-Dichlorobenzene

Concen: 38.560 ng

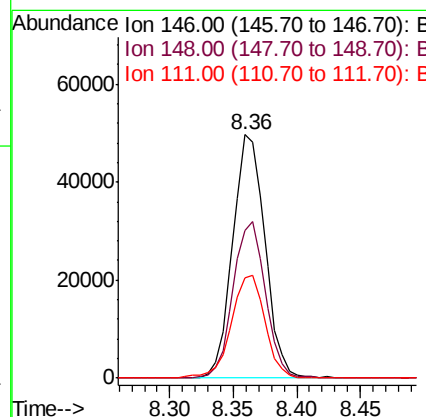
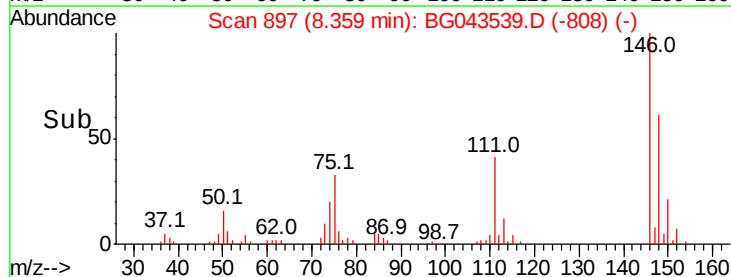
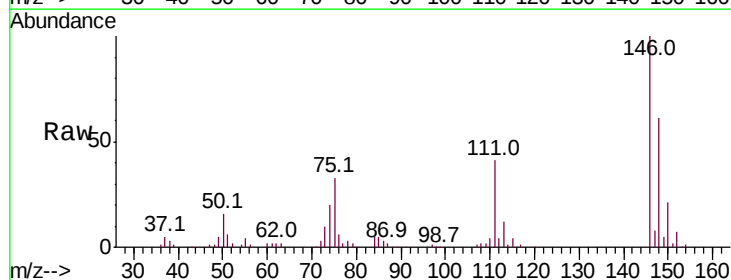
RT: 8.36 min Scan# 897

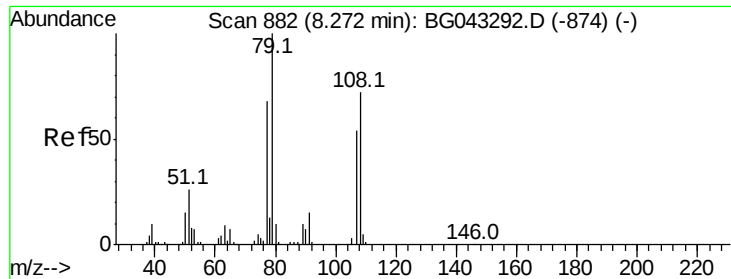
Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	146	Resp:	87532
Ion Ratio	Lower	Upper	
146	100		
148	60.7	53.2	79.8
111	41.2	35.8	53.6





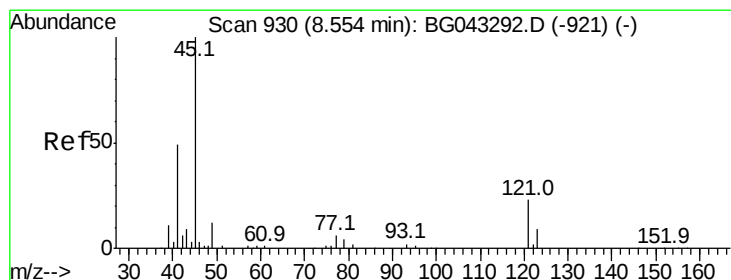
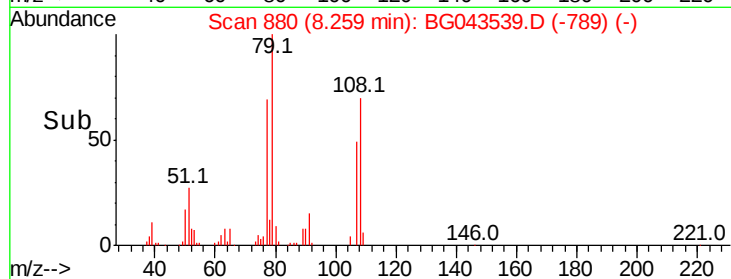
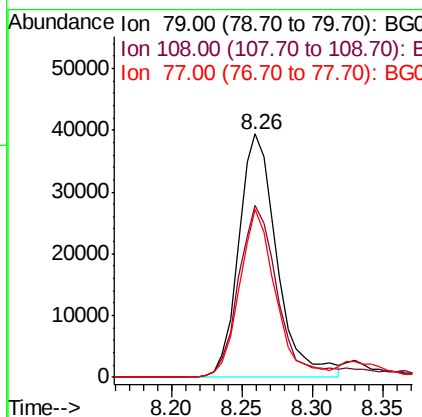
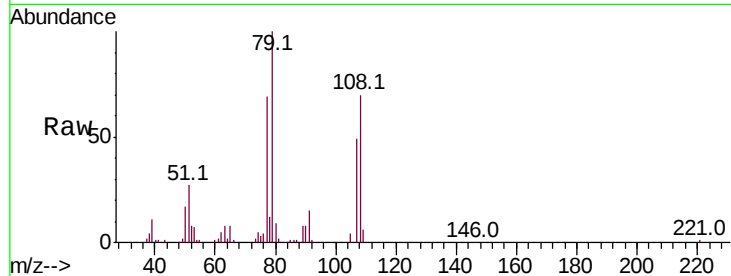
#15
Benzyl Alcohol
Concen: 44.437 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampled :
PB124565BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	53.6	80.4
77	68.8	49.6	74.4

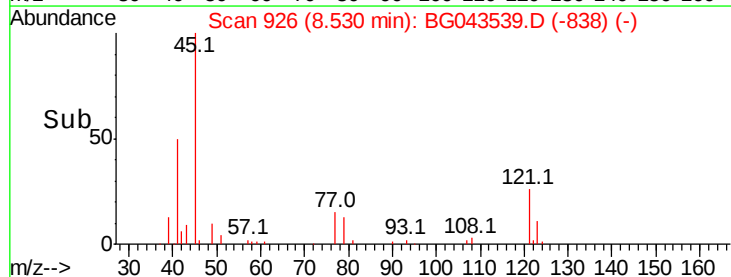
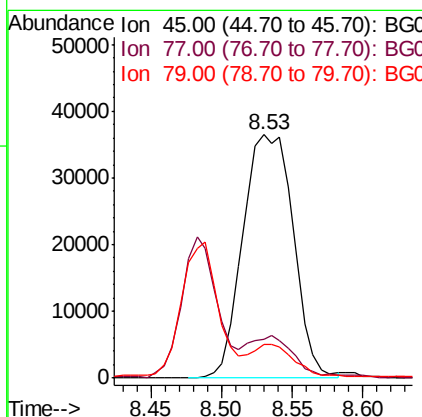
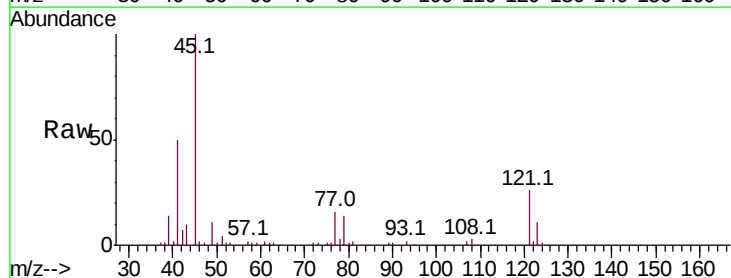
Manual Integrations
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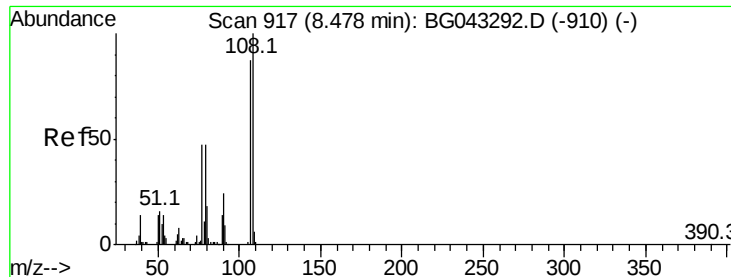
Sohil
11/8/2019 3:33:00 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.226 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	34.9
79	13.8	0.0	33.0





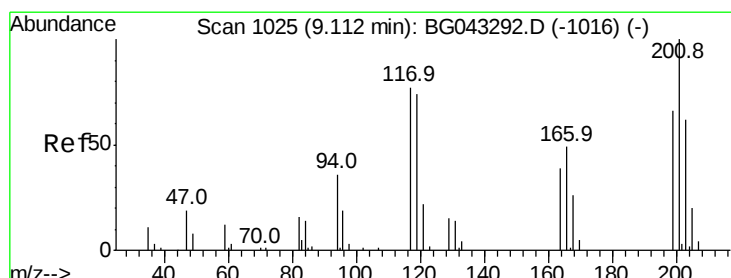
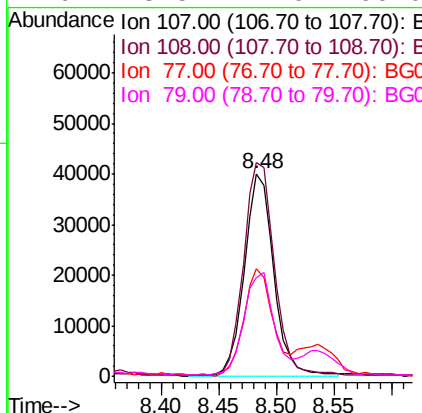
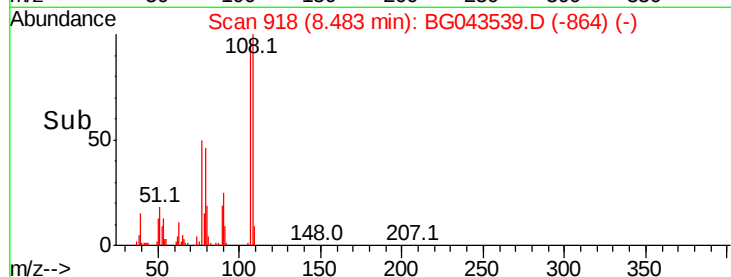
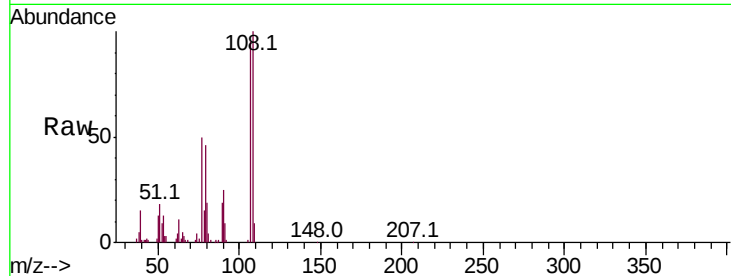
#17
2-Methylphenol
Concen: 44.863 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.02 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion:	107	Resp:	71440
Ion	Ratio	Lower	Upper
107	100		
108	105.4	90.2	135.4
77	52.9	40.2	60.2
79	48.5	44.0	66.0

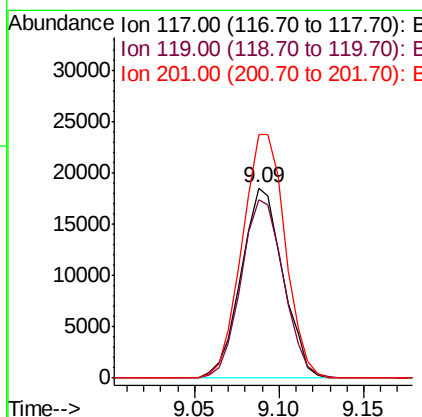
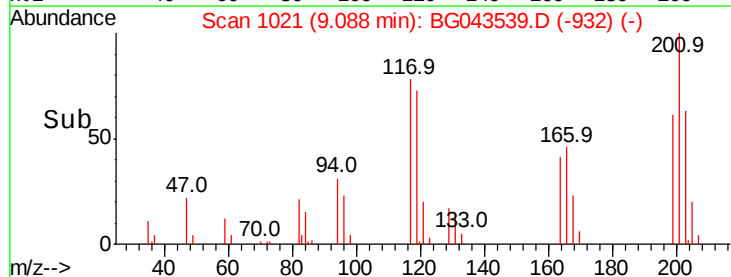
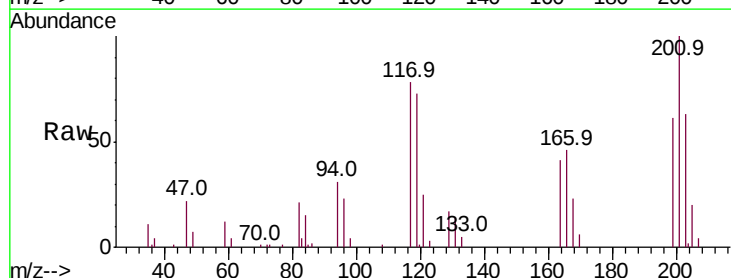
Manual Integrations
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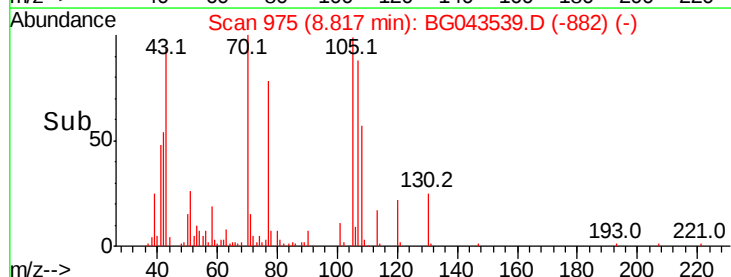
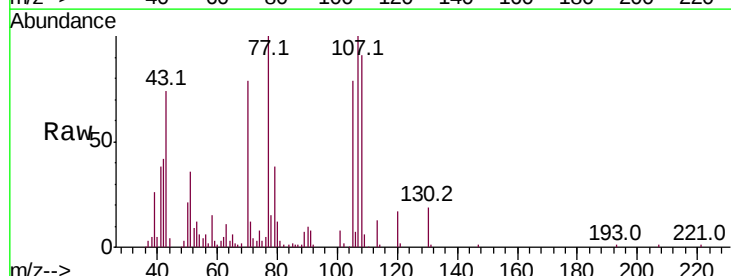
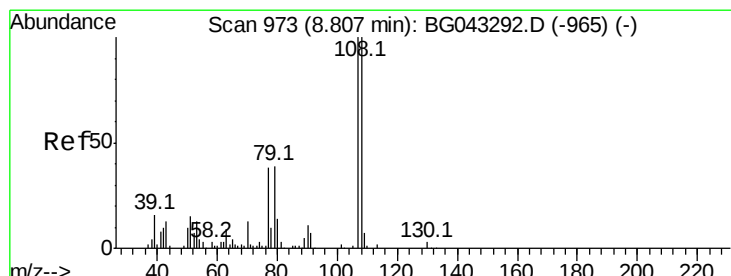
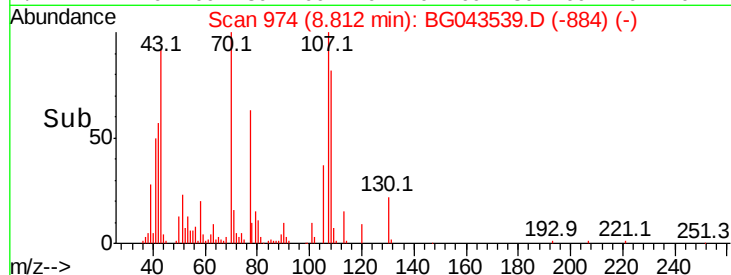
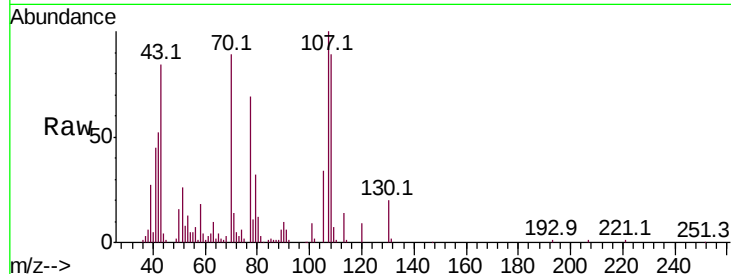
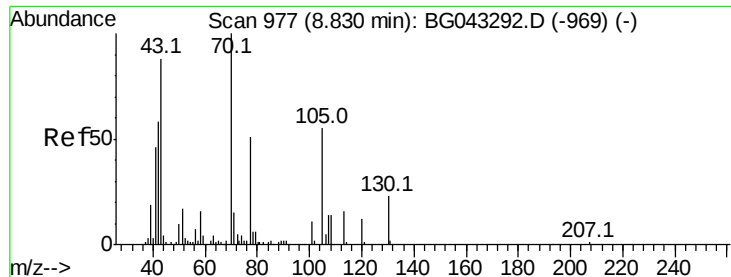
Sohil
11/8/2019 3:33:00 PM



#18
Hexachloroethane
Concen: 38.211 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion:	117	Resp:	32051
Ion	Ratio	Lower	Upper
117	100		
119	93.5	79.0	118.4
201	127.8	105.4	158.2





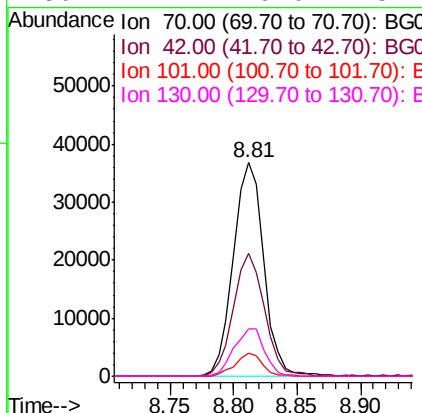
#19
n-Nitroso-di-n-propylamine
Concen: 39.452 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	41.4	62.2	
101	10.5	7.9	11.9	
130	22.2	19.0	28.4	

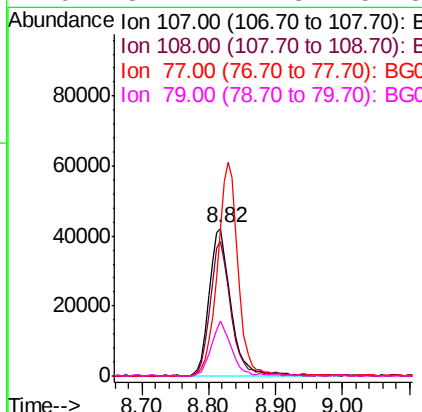
Manual Integrations
APPROVED

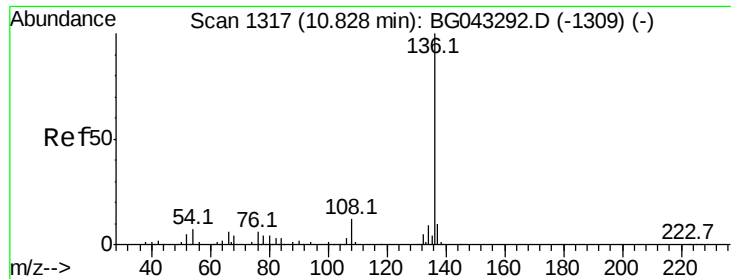
Sohil
11/8/2019 3:33:00 PM



#20
3+4-Methylphenols
Concen: 44.669 ng m
RT: 8.82 min Scan# 975
Delta R.T. 0.02 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	66.6	106.6	
77	99.9	20.9	60.9	
79	37.7	11.3	51.3	





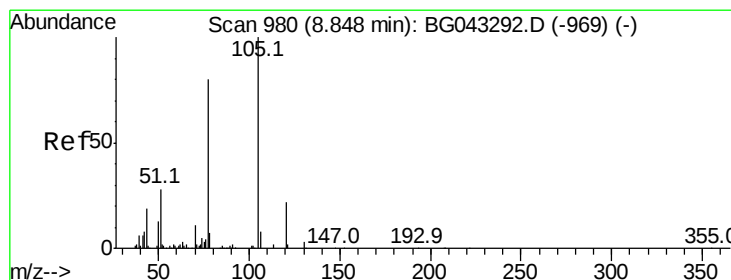
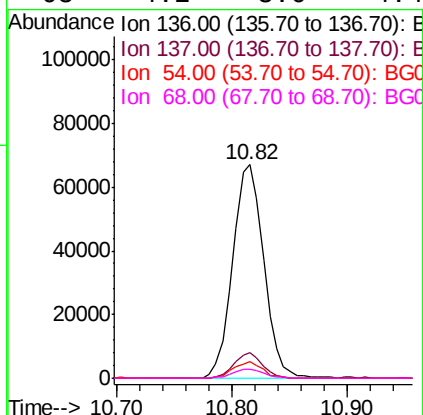
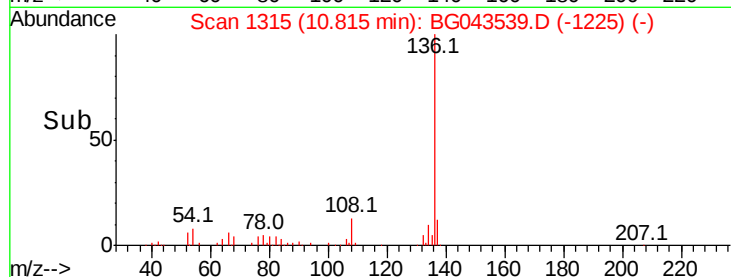
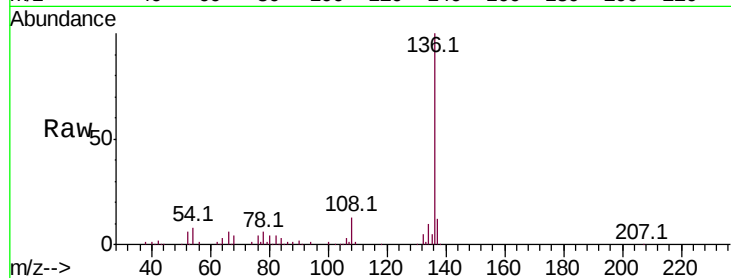
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	124909		
137	11.9	8.7	13.1	
54	7.5	5.4	8.2	
68	4.2	3.0	4.4	

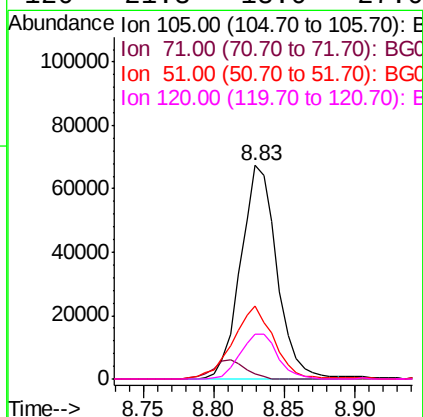
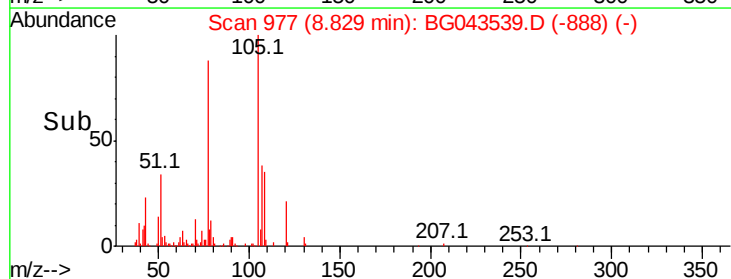
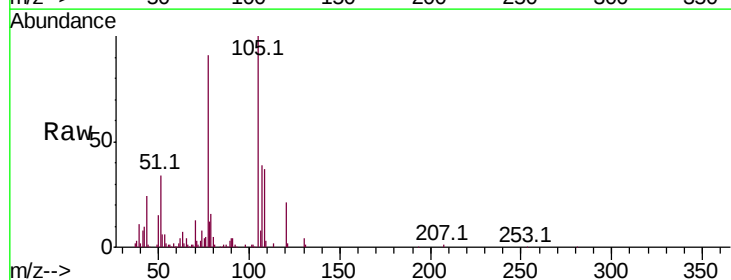
Manual Integrations
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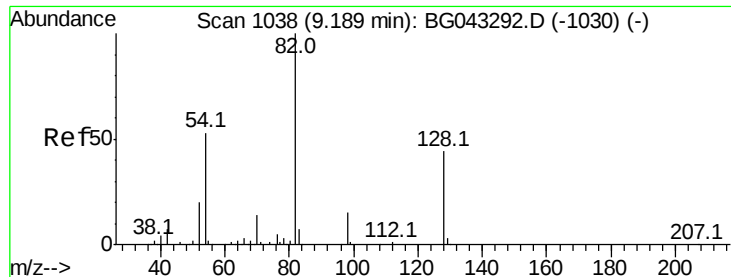
Sohil
11/8/2019 3:33:00 PM



#22
Acetophenone
Concen: 37.811 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120951		
71	2.6	0.8	1.2#	
51	34.3	21.0	31.4#	
120	21.3	18.0	27.0	





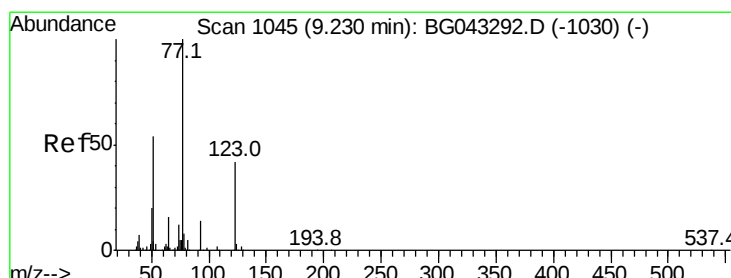
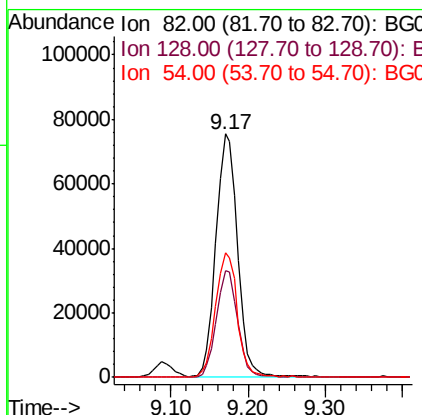
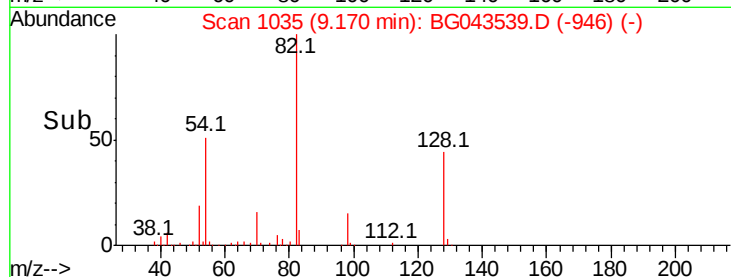
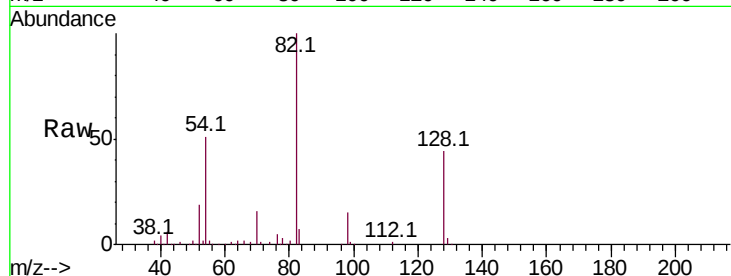
#23
Nitrobenzene-d5
Concen: 60.663 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampled :
PB124565BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.6
54	51.3	40.2	60.2

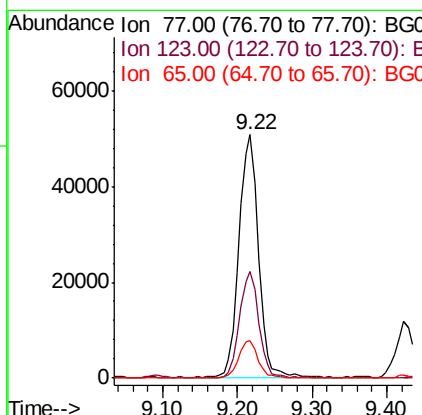
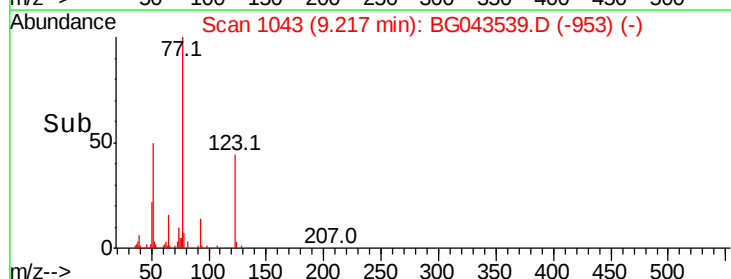
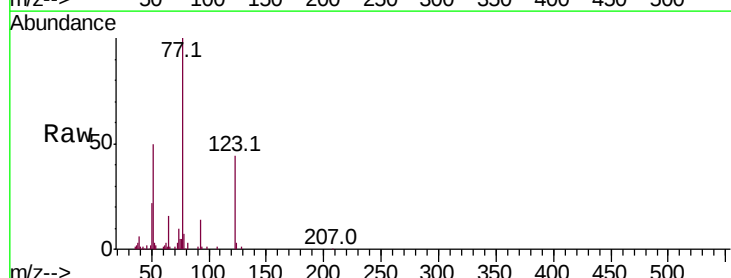
Manual Integrations
APPROVED

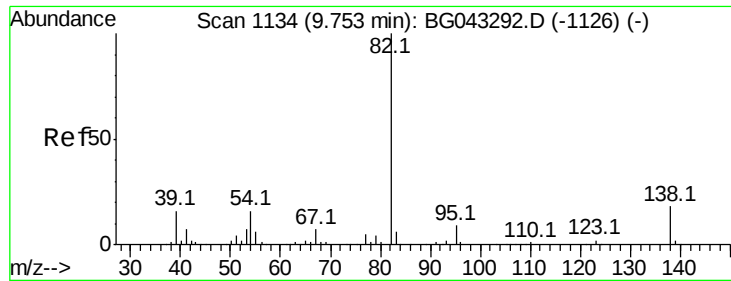
Sohil
11/8/2019 3:33:00 PM



#24
Nitrobenzene
Concen: 40.565 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.7	35.0	52.6
65	15.6	9.5	14.3#





#25

Isophorone

Concen: 38.763 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

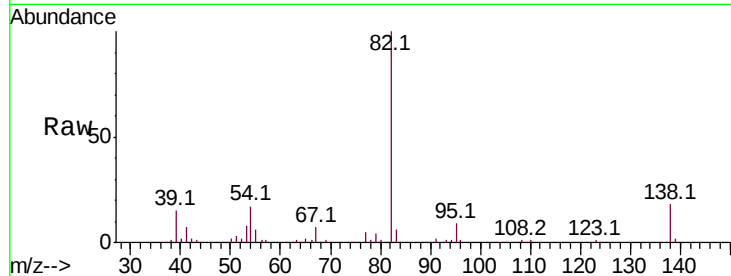
ClientSampleId :

PB124565BS

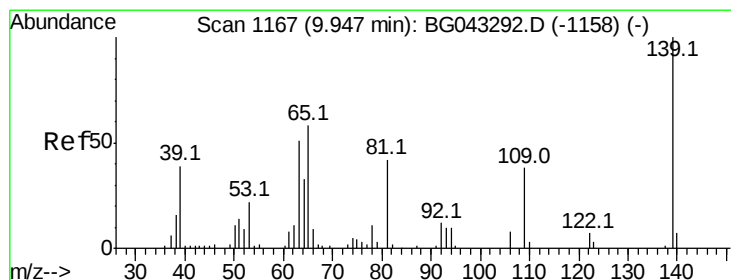
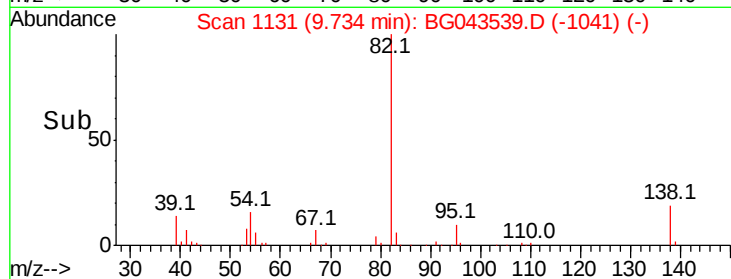
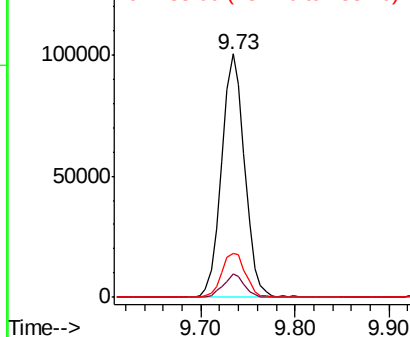
Tot Ion:	82	Resp:	171706
Ion Ratio	Lower	Upper	
82	100		
95	9.5	6.6	9.8
138	18.2	15.2	22.8

Manual Integrations
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Sohil
11/8/2019 3:33:00 PM



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.585 ng

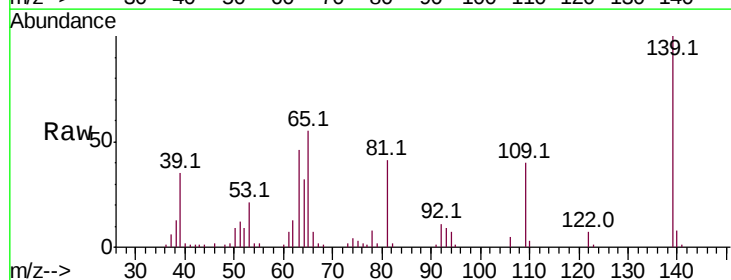
RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

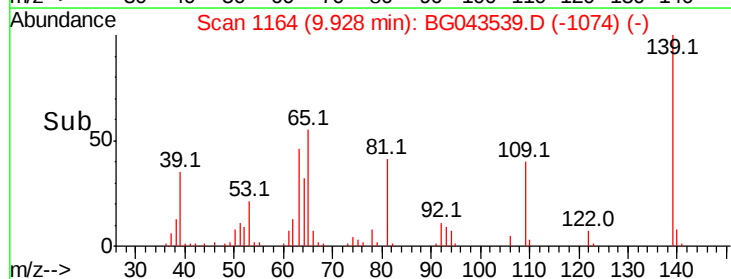
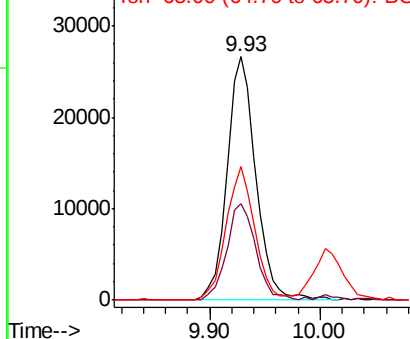
Lab File: BG043539.D

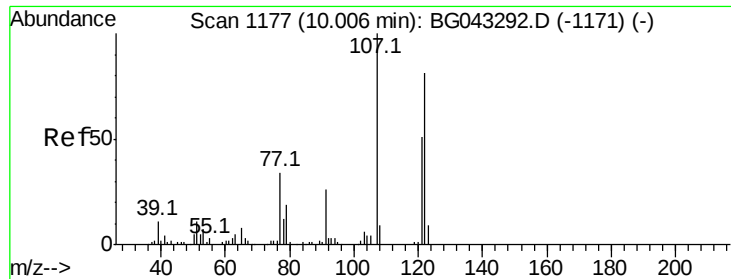
Acq: 7 Nov 2019 15:00

Tgt Ion:	139	Resp:	48566
Ion Ratio	Lower	Upper	
139	100		
109	39.6	26.5	39.7
65	54.7	43.8	65.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





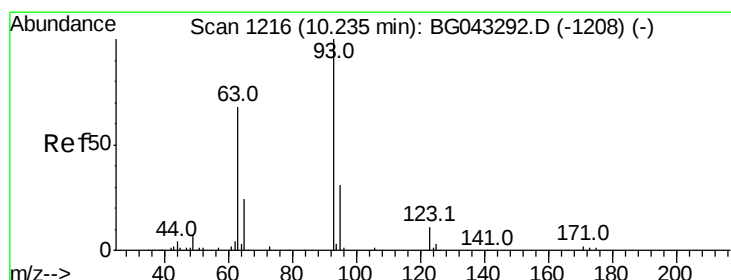
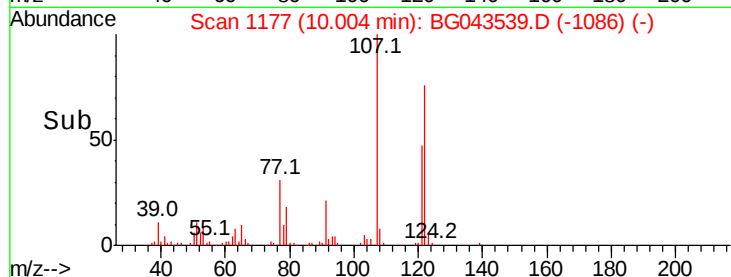
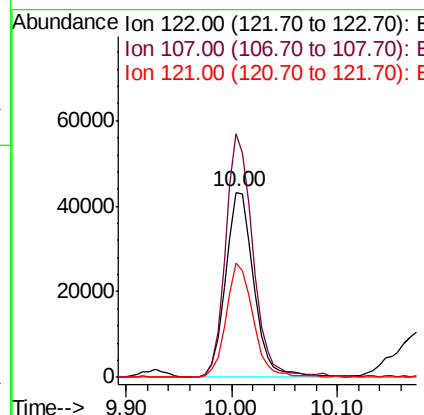
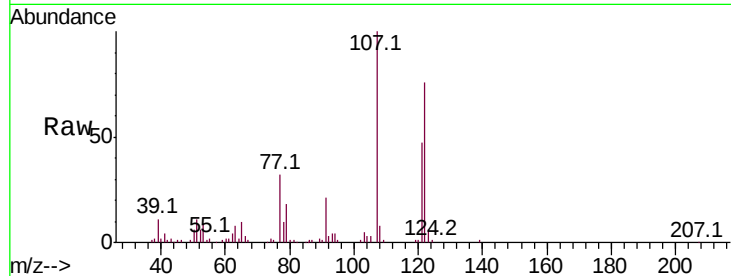
#27
2,4-Dimethylphenol
Concen: 49.712 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.8	104.4	156.6
121	61.6	47.2	70.8

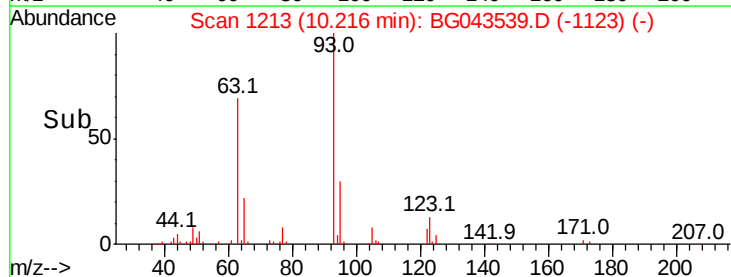
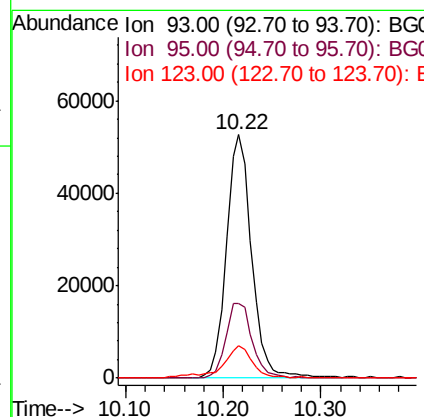
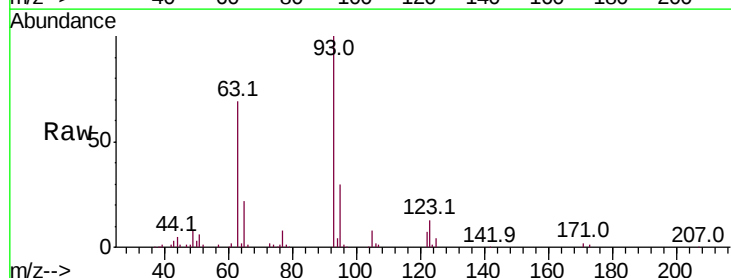
Manual Integrations
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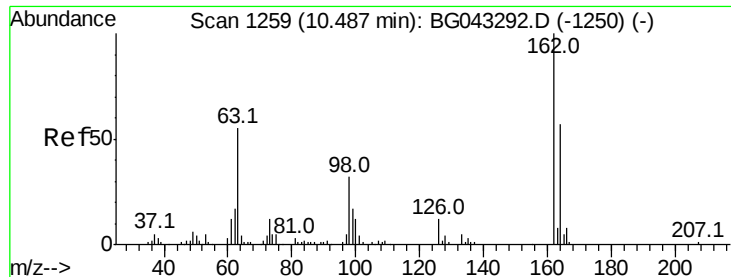
Sohil
11/8/2019 3:33:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.510 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.0	39.0
123	13.4	10.6	15.8





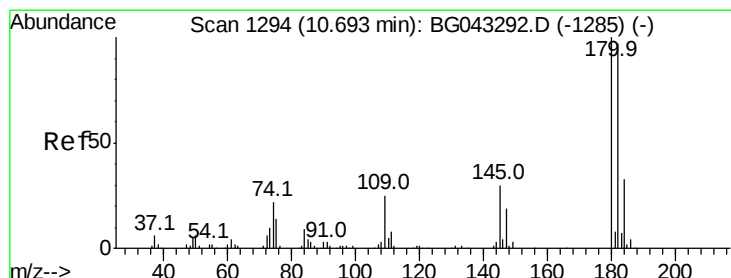
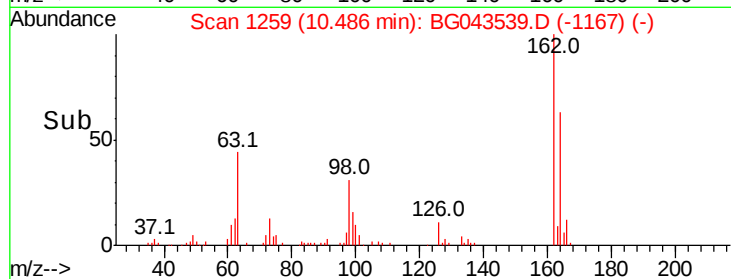
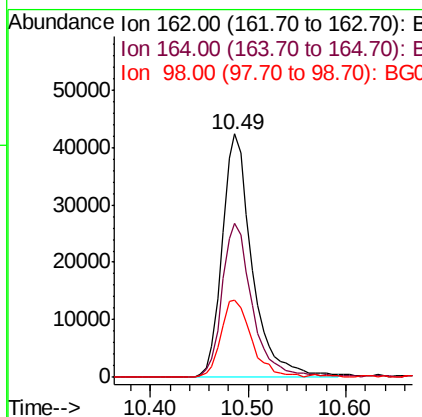
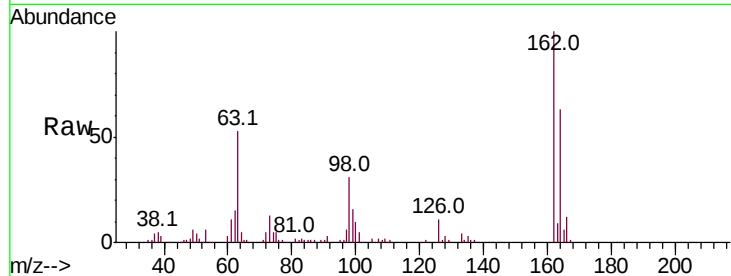
#29
 2,4-Dichlorophenol
 Concen: 44.252 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Instrument :
 BNA_G
 ClientSampled :
 PB124565BS

Tot Ion:	162	Resp:	90551
Ion Ratio	Lower	Upper	
162	100		
164	63.2	48.9	88.9
98	31.5	15.1	55.1

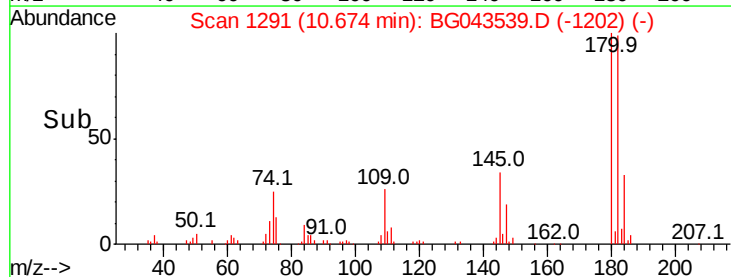
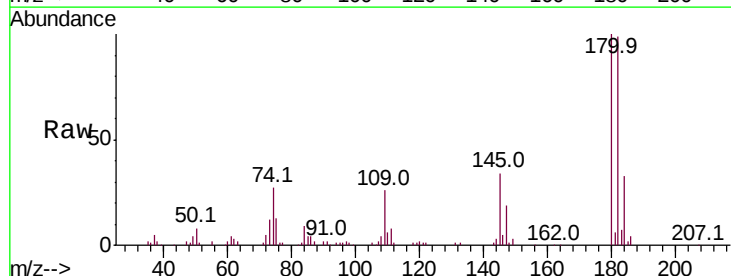
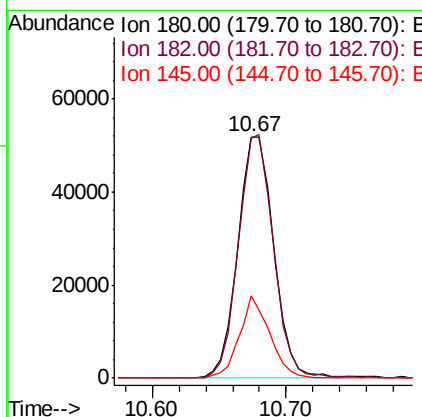
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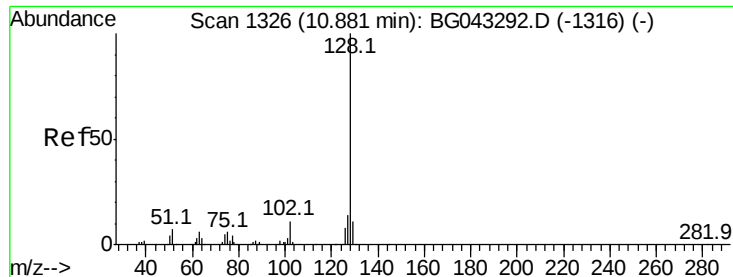
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.290 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Tgt Ion:	180	Resp:	96173
Ion Ratio	Lower	Upper	
180	100		
182	99.3	75.1	112.7
145	34.3	23.9	35.9





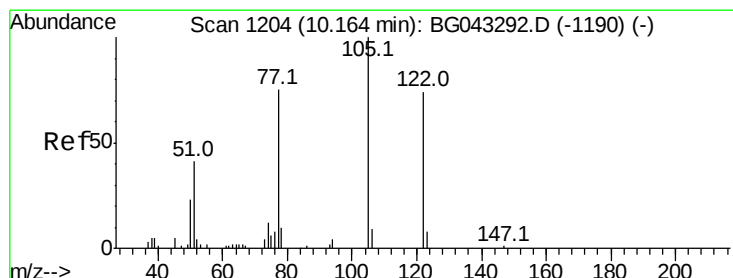
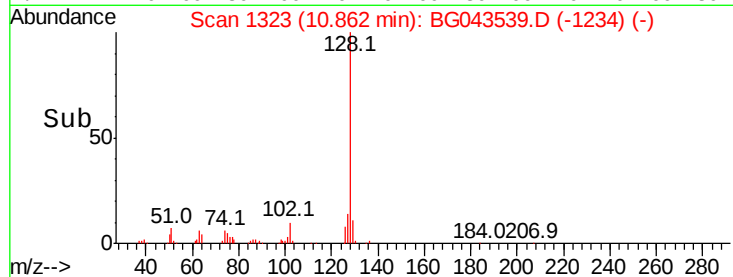
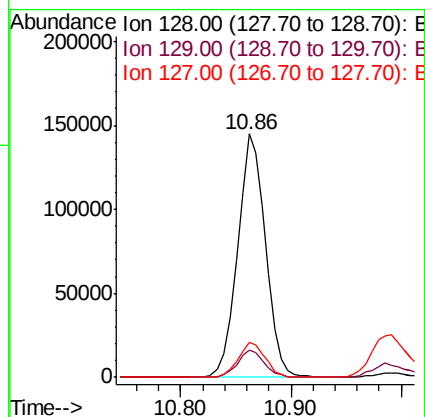
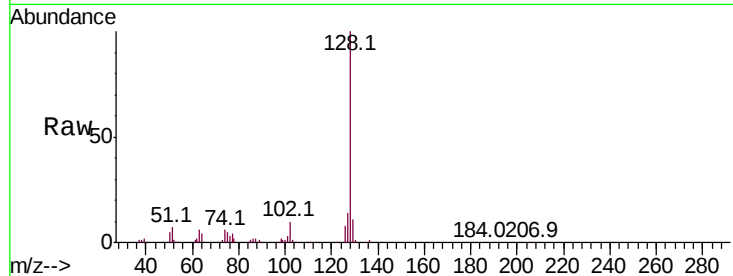
#31
Naphthalene
Concen: 40.423 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion:128	Resp:	256293
Ion Ratio	Lower	Upper
128 100		
129 11.0	9.4	14.0
127 14.4	11.1	16.7

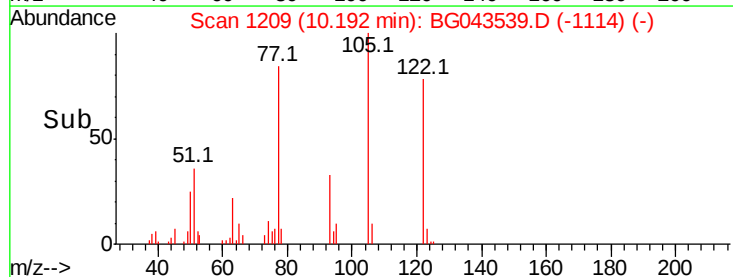
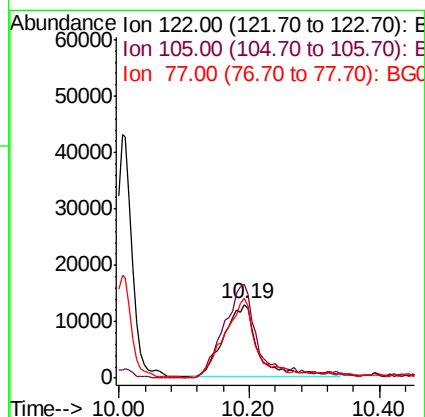
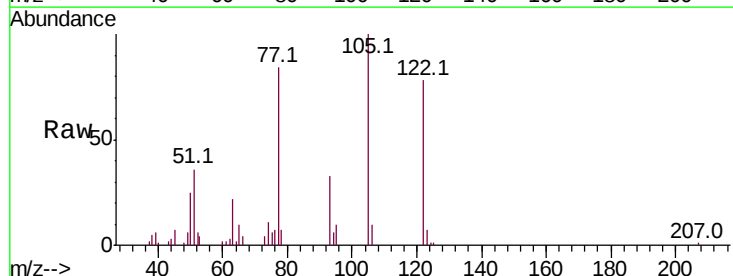
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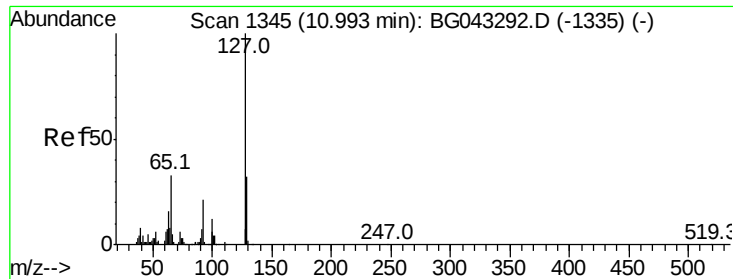
Sohil
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#32
Benzoic acid
Concen: 40.503 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion:122	Resp:	47268
Ion Ratio	Lower	Upper
122 100		
105 127.7	103.3	143.3
77 107.7	84.9	124.9





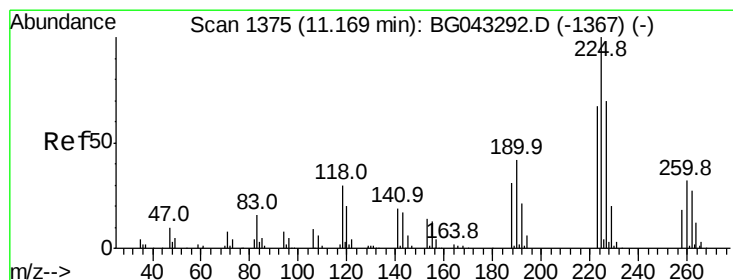
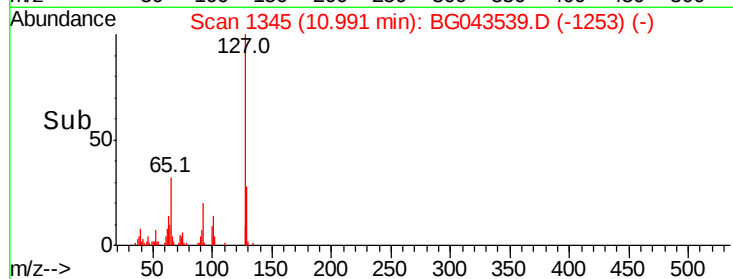
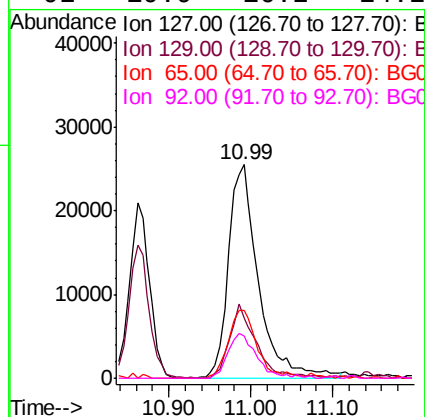
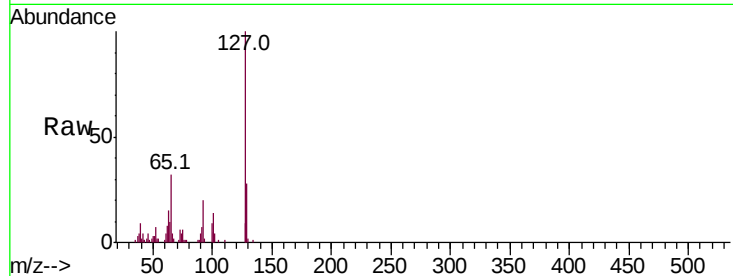
#33
4-Chloroaniline
Concen: 25.106 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		65249		
129	28.5	26.5	39.7		
65	32.0	26.4	39.6		
92	19.9	16.2	24.2		

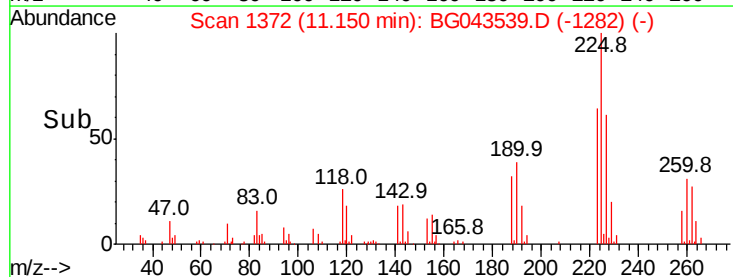
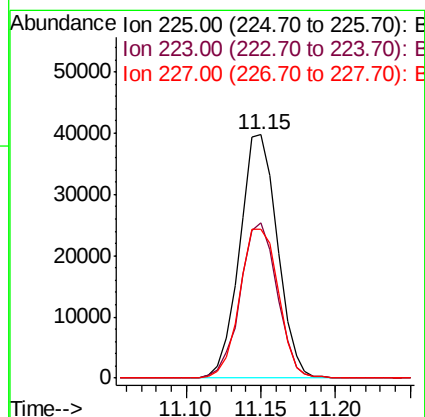
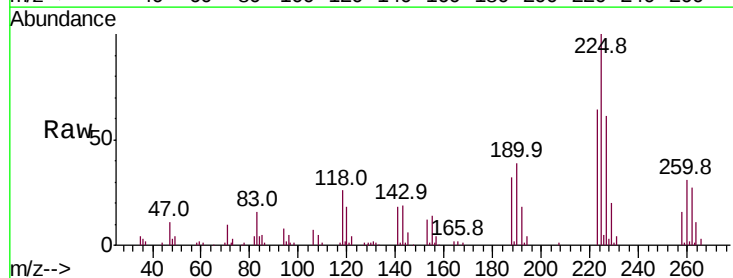
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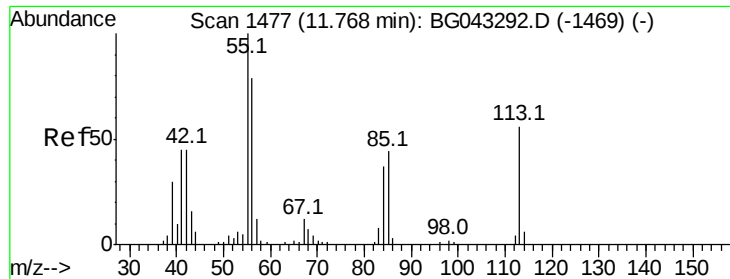
Sohil
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#34
Hexachlorobutadiene
Concen: 36.526 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		69637		
223	63.9	52.7	79.1		
227	61.0	54.8	82.2		





#35

Caprolactam

Concen: 40.815 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

ClientSampleId :

PB124565BS

Tot Ion:113 Resp: 28764

Ion Ratio Lower Upper

113 100

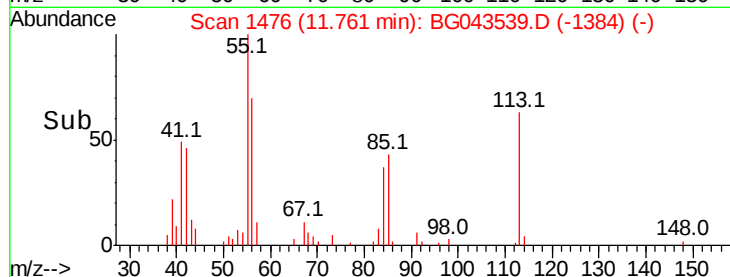
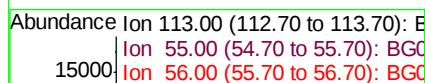
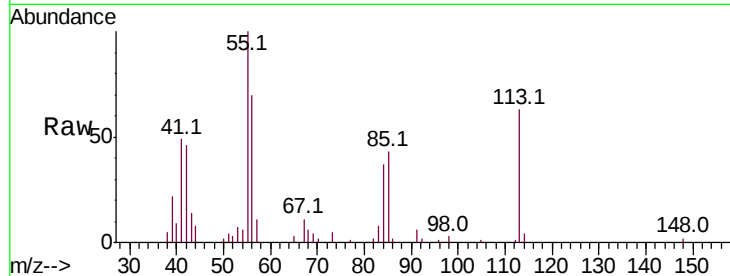
55 159.7 134.1 174.1

56 112.1 100.4 140.4

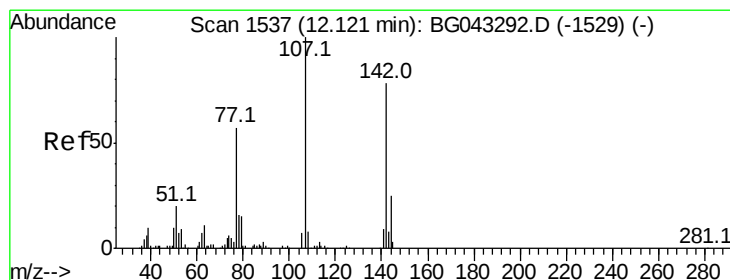
Manual Integrations
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Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.119 ng/ml

RT: 12.13 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

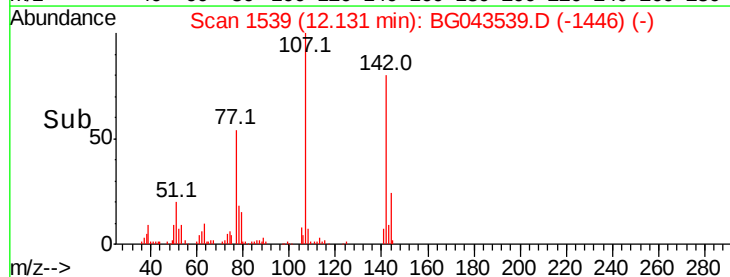
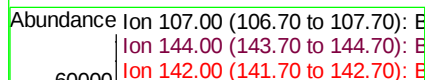
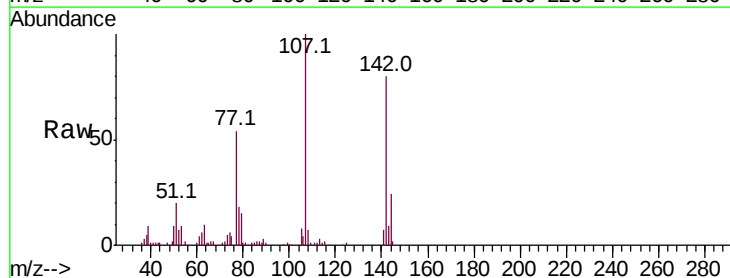
Tgt Ion:107 Resp: 94012

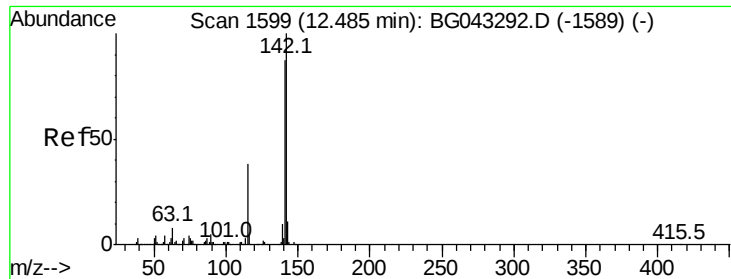
Ion Ratio Lower Upper

107 100

144 24.1 20.9 31.3

142 79.7 59.6 89.4





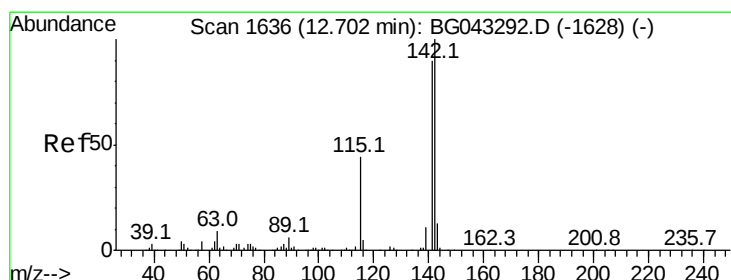
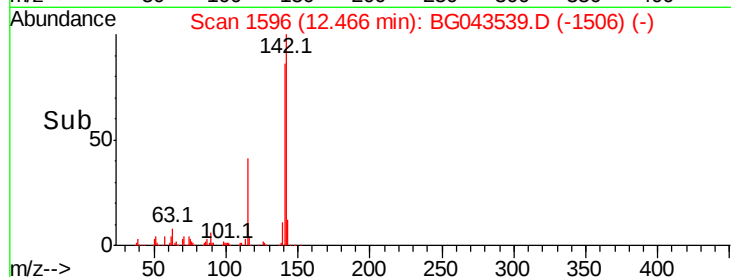
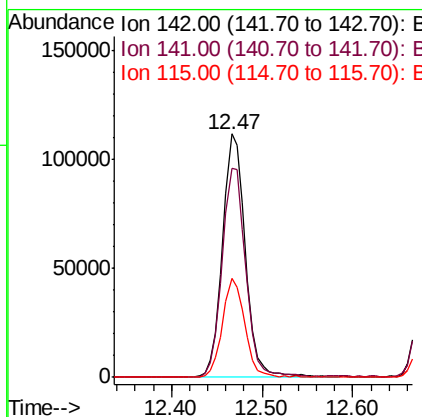
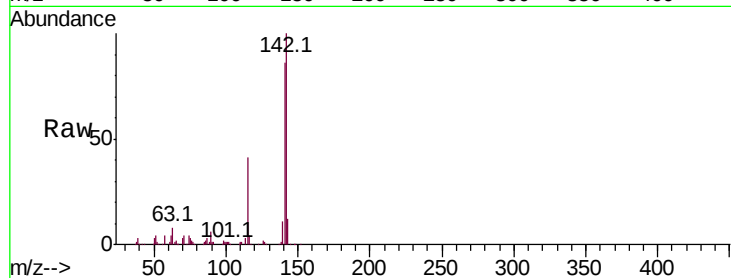
#37
2-Methylnaphthalene
Concen: 40.154 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	195343		
141	86.0	72.2	108.2	
115	40.8	33.2	49.8	

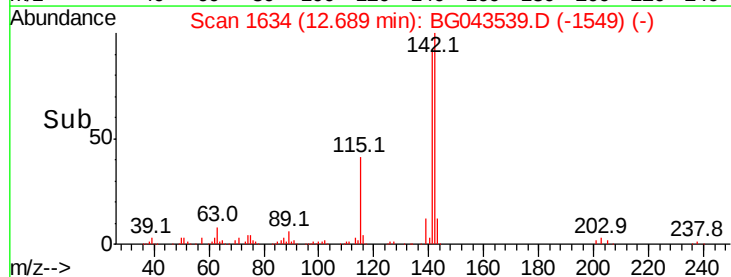
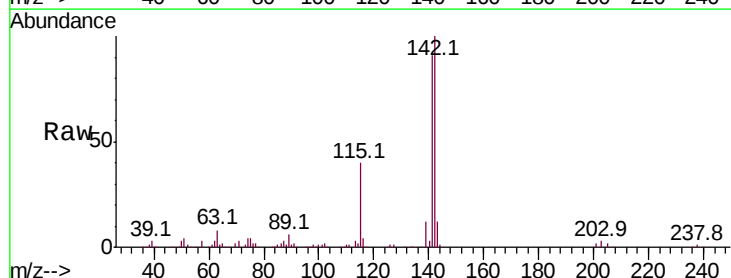
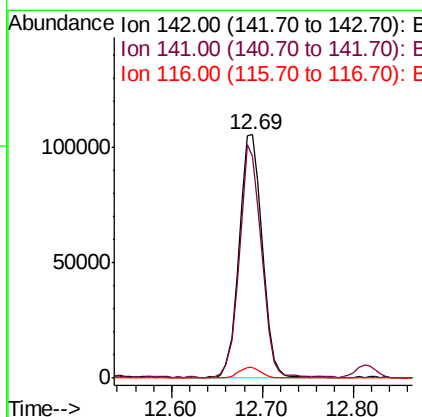
Manual Integrations
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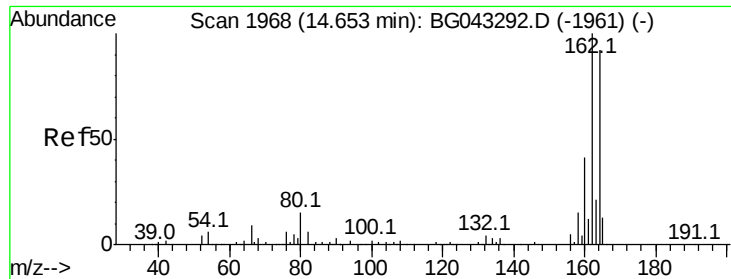
Sohil
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#38
1-Methylnaphthalene
Concen: 40.716 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	188466		
141	91.0	73.2	109.8	
116	4.4	3.6	5.4	





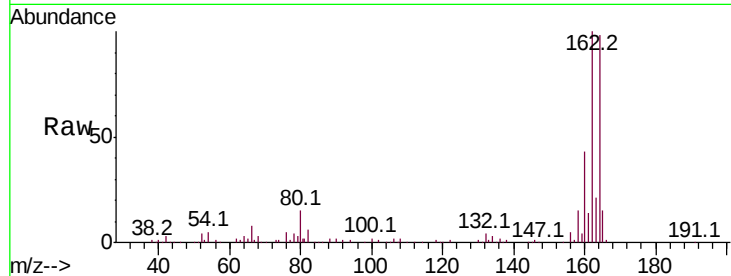
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.5	125.3
160	44.4	36.5	54.7

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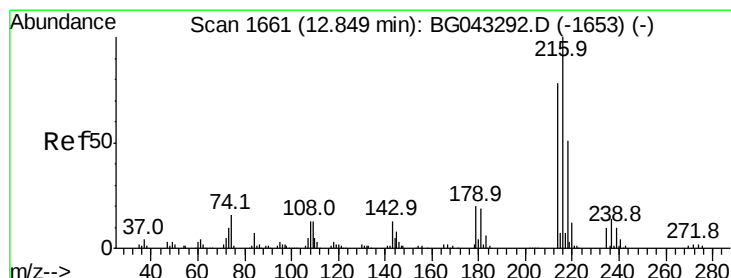
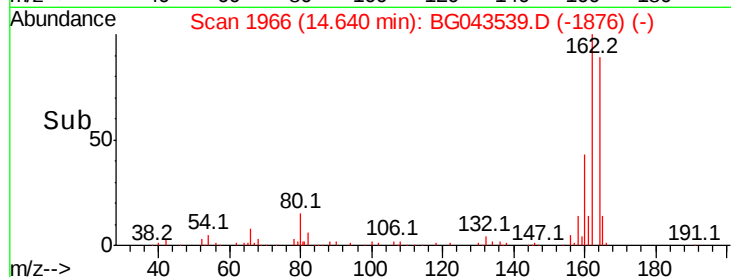
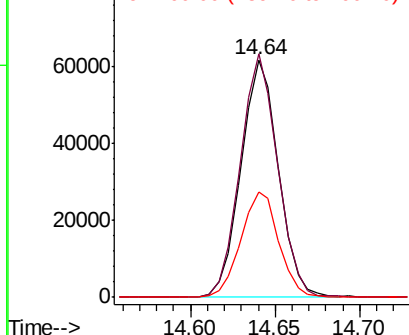


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.475 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.7	92.5
179	19.2	15.8	23.8
108	15.0	11.5	17.3

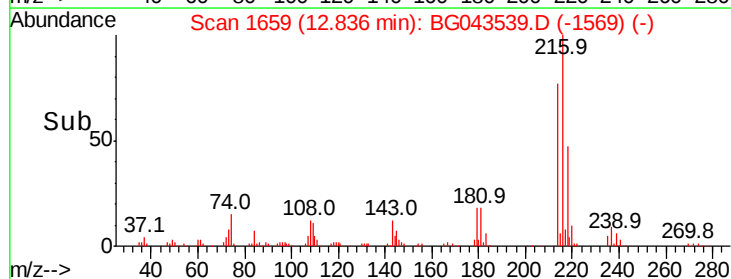
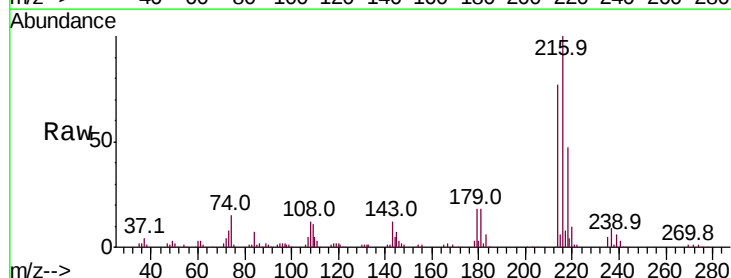
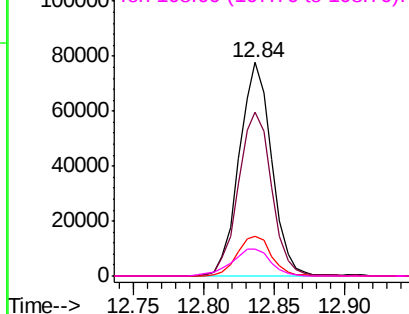
Abundance

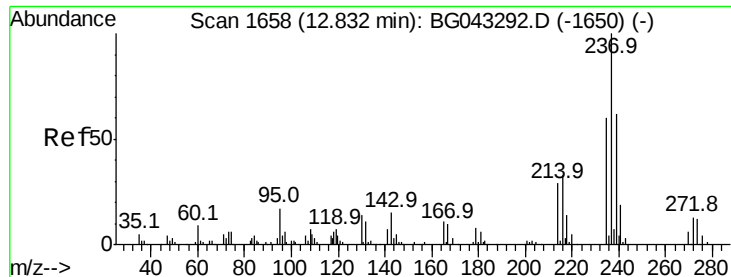
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 48.090 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

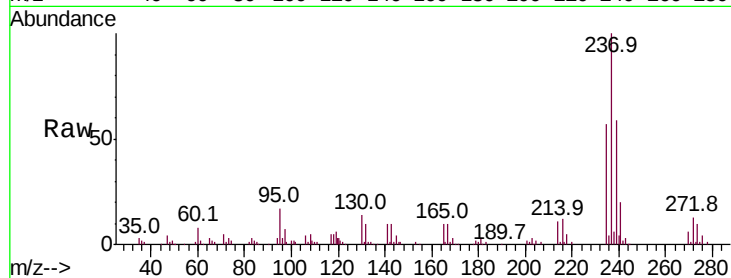
ClientSampleId :

PB124565BS

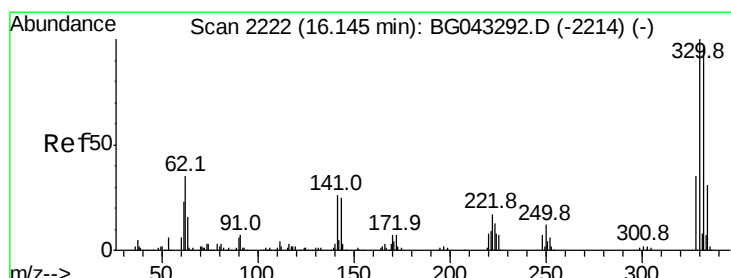
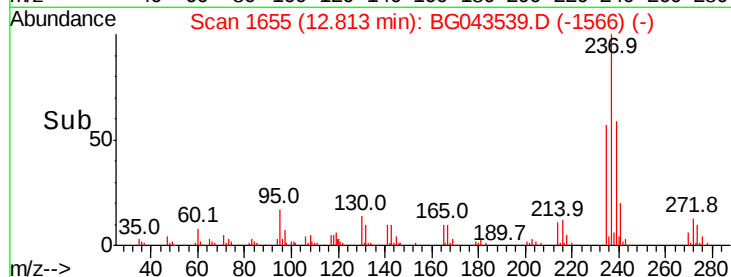
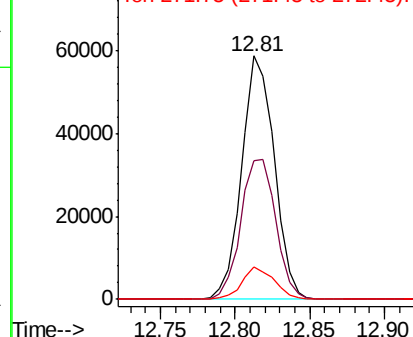
Tot Ion:	237	Resp:	88944
Ion Ratio	Lower	Upper	
237	100		
235	57.1	41.6	81.6
272	13.3	0.0	32.5

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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: 101.460 ng

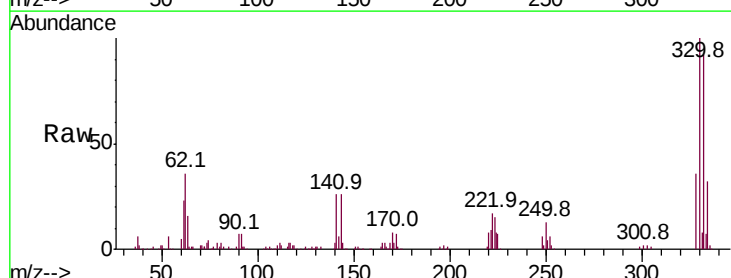
RT: 16.14 min Scan# 2221

Delta R.T. 0.01 min

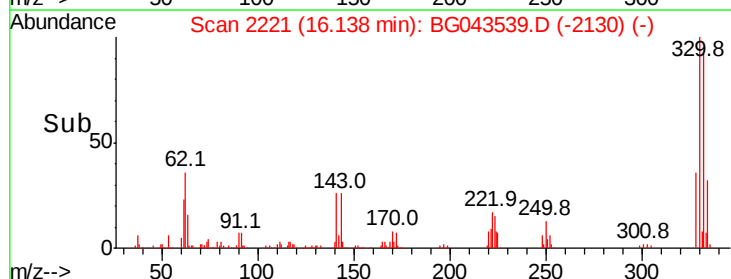
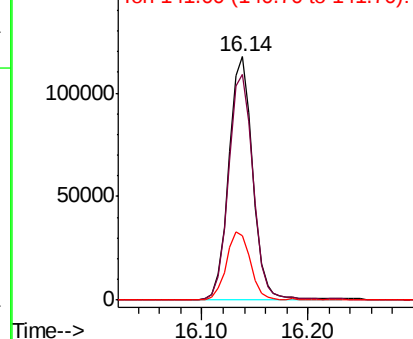
Lab File: BG043539.D

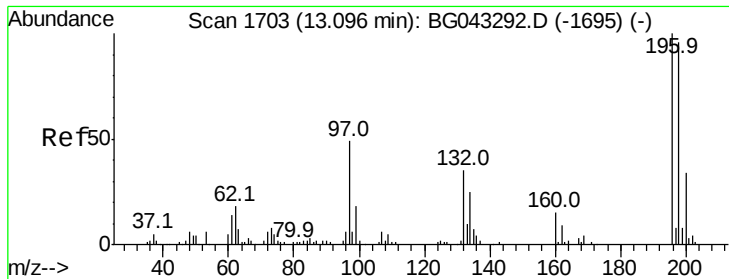
Acq: 7 Nov 2019 15:00

Tgt Ion:	330	Resp:	183689
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.4	116.0
141	28.7	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





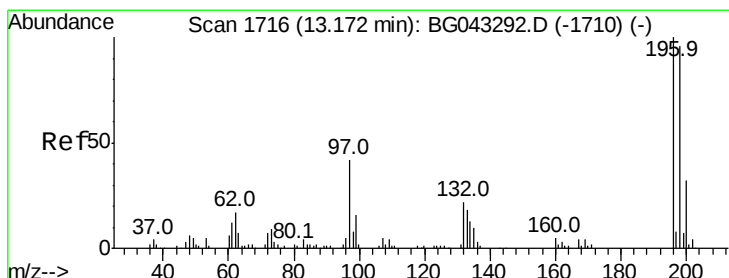
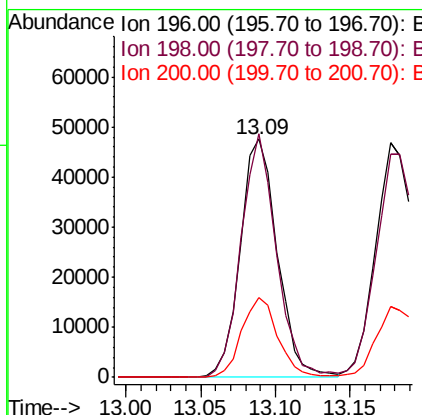
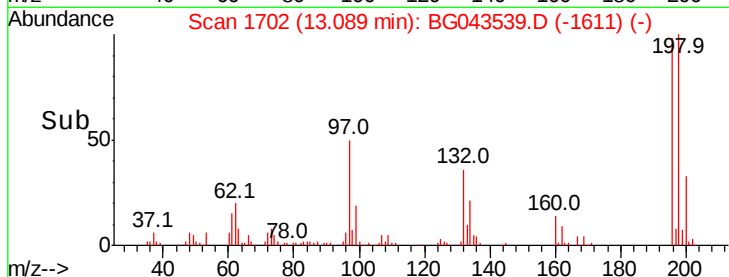
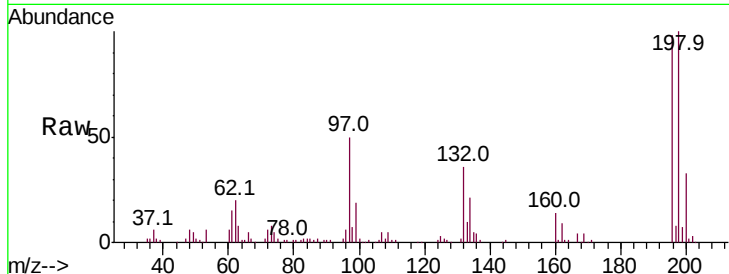
#43
 2,4,6-Trichlorophenol
 Concen: 39.414 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	81725		
198	102.1	75.8	113.6	
200	33.6	23.9	35.9	

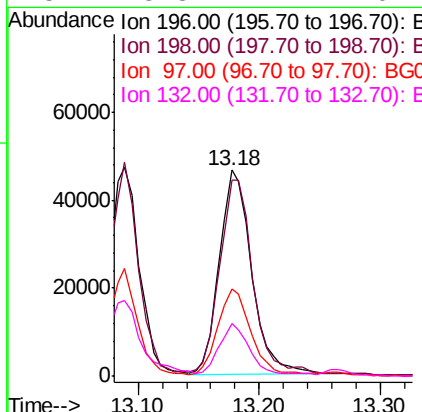
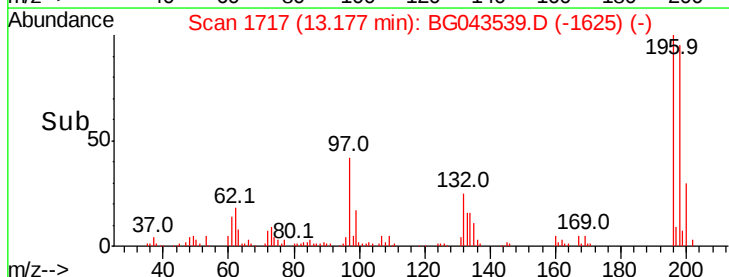
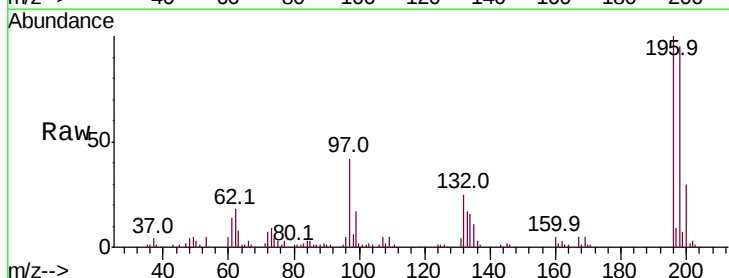
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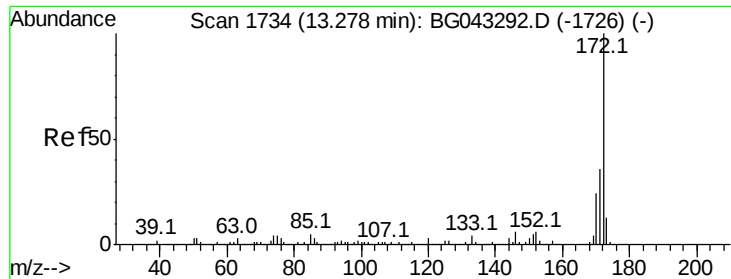
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 41.418 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86822		
198	95.1	74.5	111.7	
97	42.4	36.3	54.5	
132	25.3	17.4	26.2	





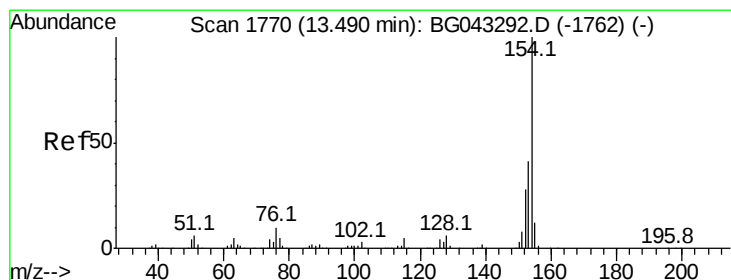
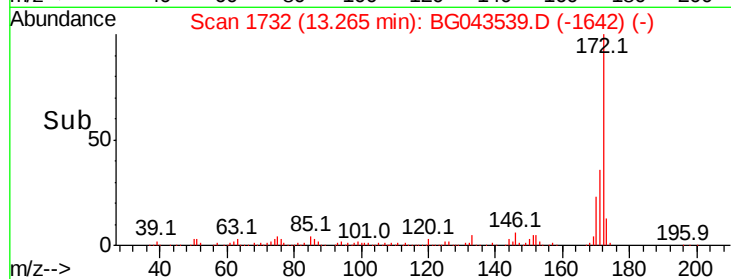
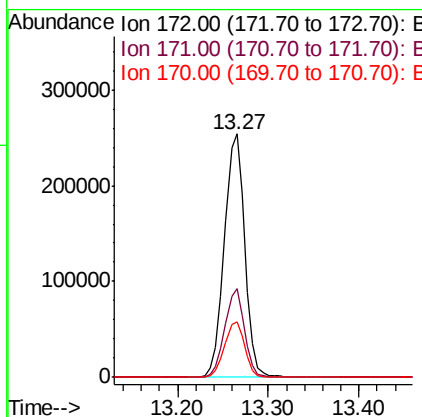
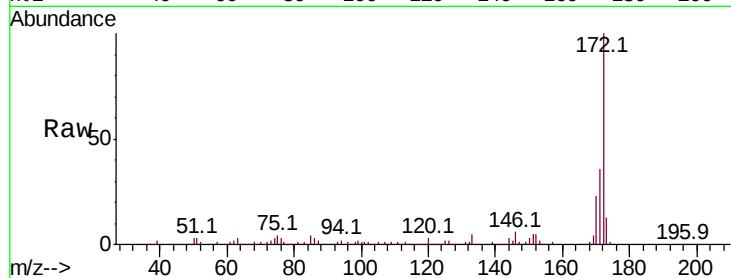
#45
 2-Fluorobiphenyl
 Concen: 57.480 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	28.9	43.3	
170	22.9	18.5	27.7	

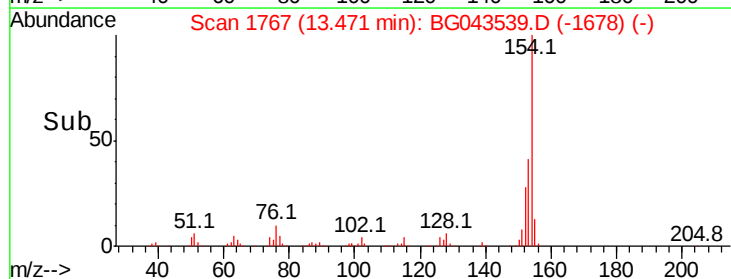
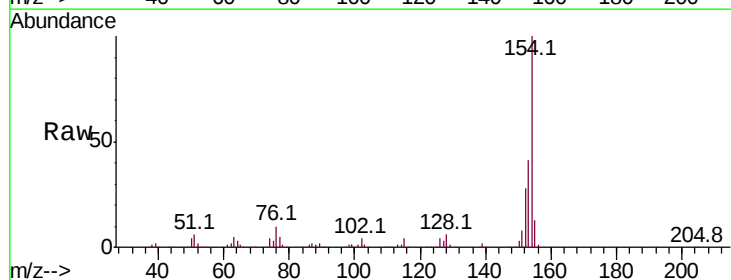
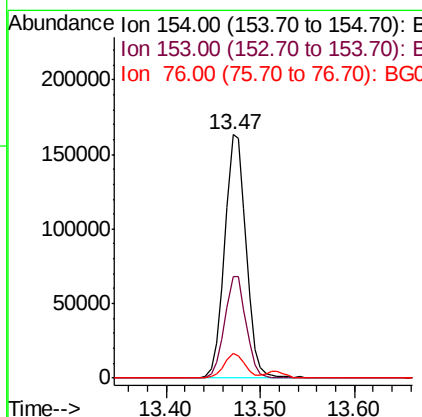
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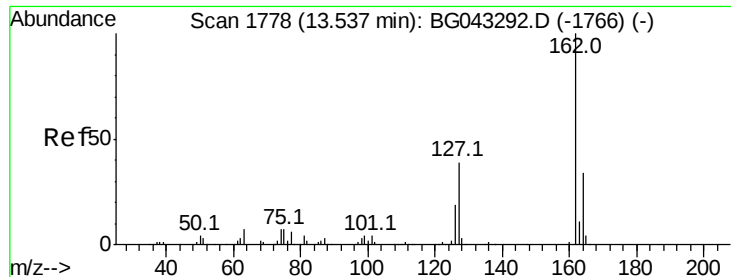
Sohil
 11/8/2019 3:33:00 PM



#46
 1,1'-Biphenyl
 Concen: 35.852 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	19.9	59.9	
76	10.0	0.0	29.4	





#47

2-Chloronaphthalene

Concen: 36.588 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

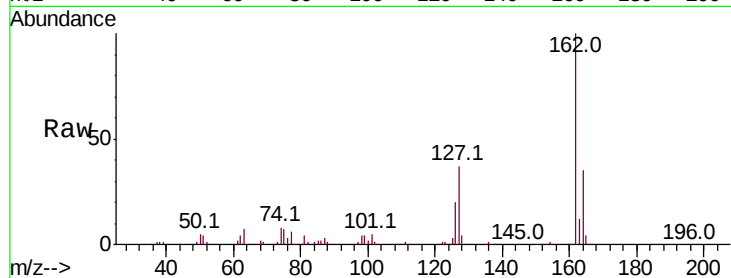
ClientSampleId :

PB124565BS

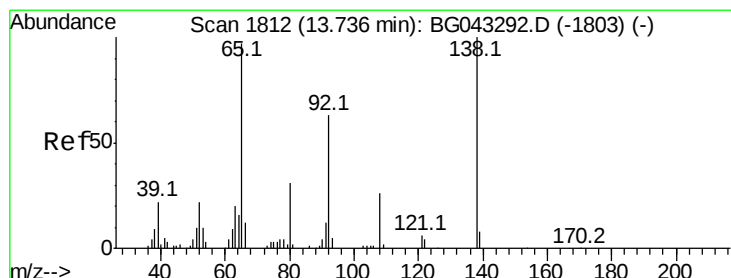
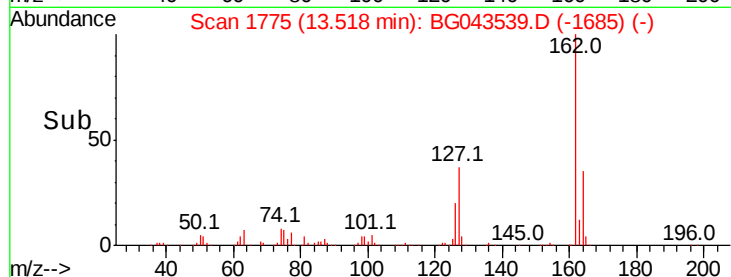
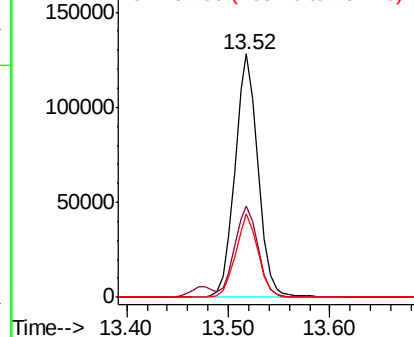
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.2	46.8
164	34.5	25.8	38.8

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



#48

2-Nitroaniline

Concen: 37.144 ng

RT: 13.73 min Scan# 1811

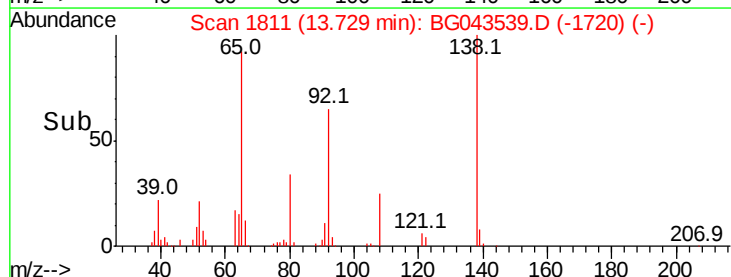
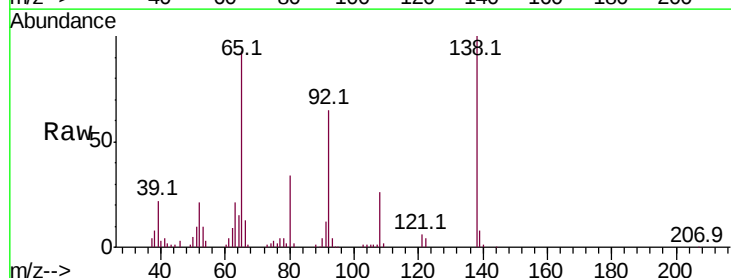
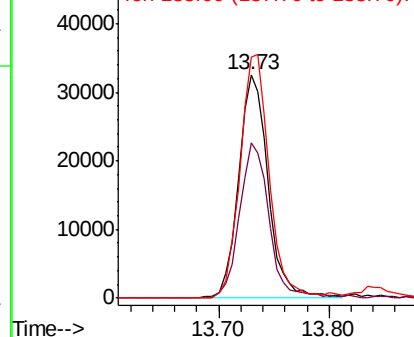
Delta R.T. 0.01 min

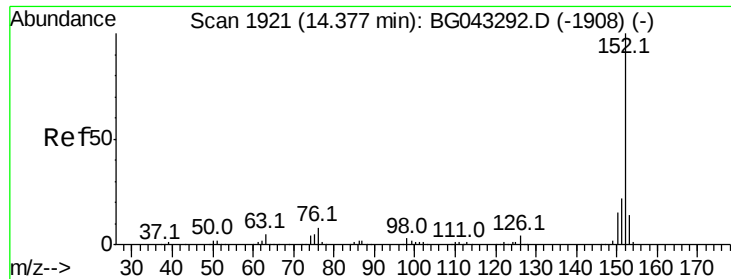
Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.2	84.2
138	107.7	82.6	123.8

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





#49

Acenaphthylene

Concen: 38.441 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

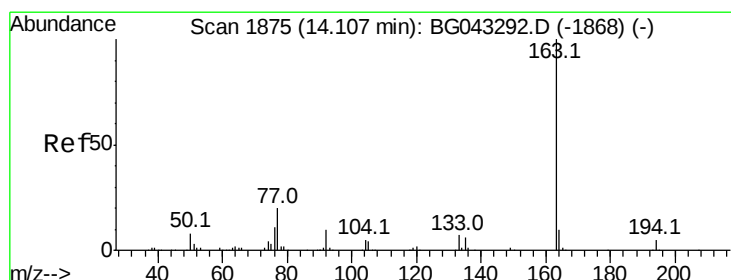
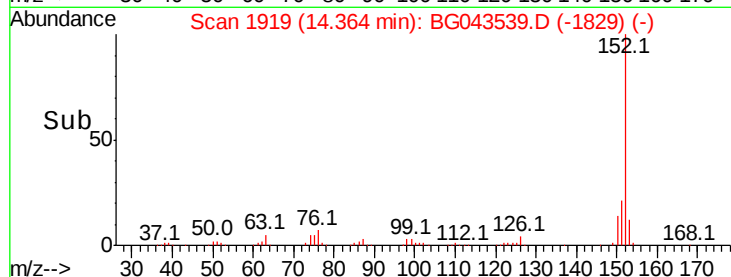
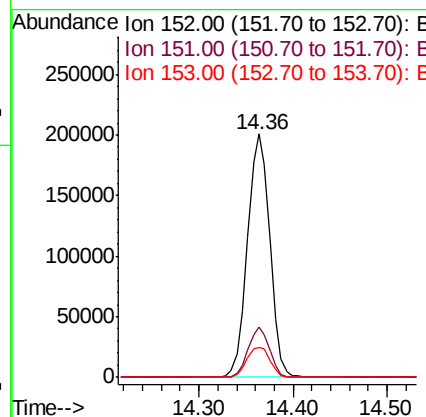
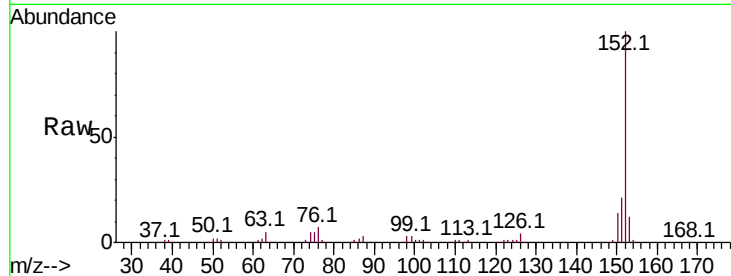
ClientSampled :

PB124565BS

Tot Ion:	152	Resp:	329460
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	12.2	10.6	15.8

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#50

Dimethylphthalate

Concen: 36.965 ng

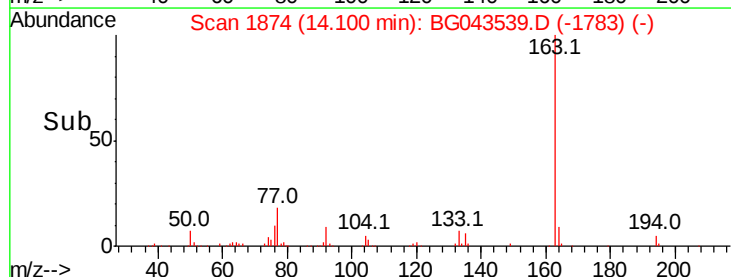
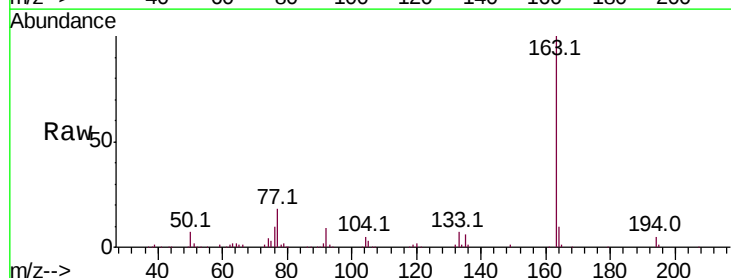
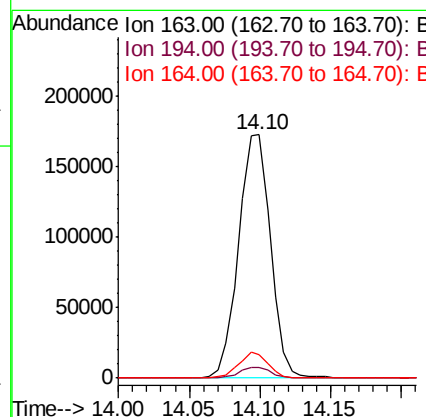
RT: 14.10 min Scan# 1874

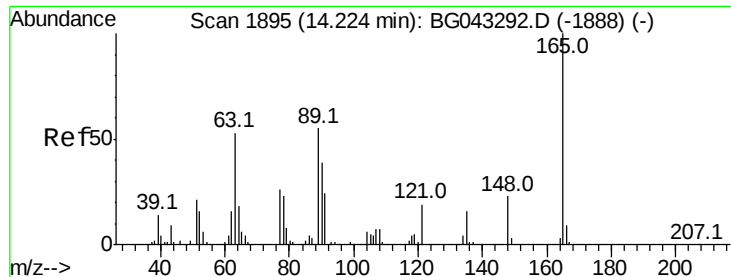
Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	163	Resp:	272396
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	9.6	8.9	13.3





#51

2,6-Dinitrotoluene

Concen: 38.893 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

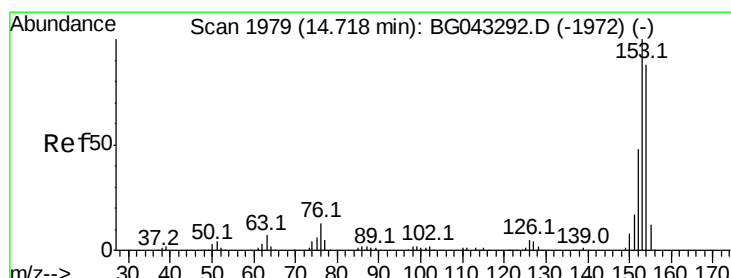
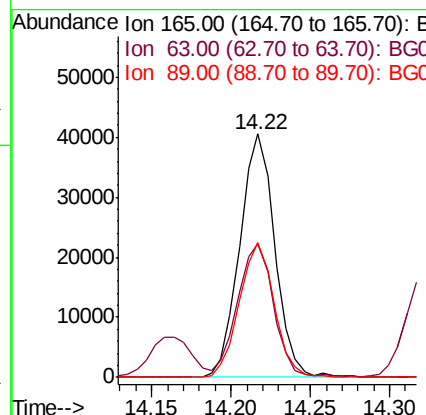
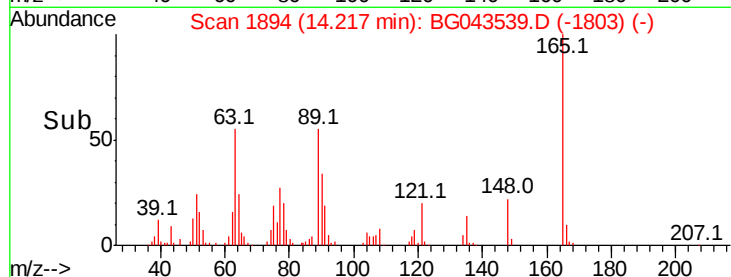
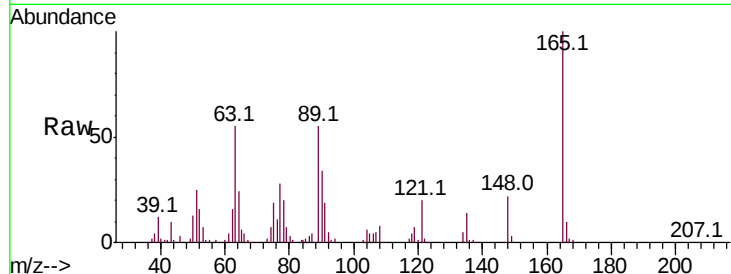
ClientSampled :

PB124565BS

Tot Ion:	165	Resp:	62264
Ion Ratio	Lower	Upper	
165	100		
63	54.9	46.6	69.8
89	55.3	45.1	67.7

Manual Integrations
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#52

Acenaphthene

Concen: 37.503 ng

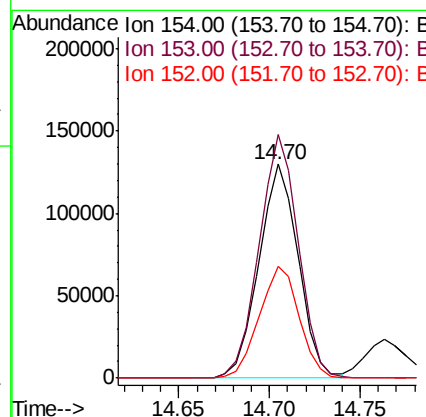
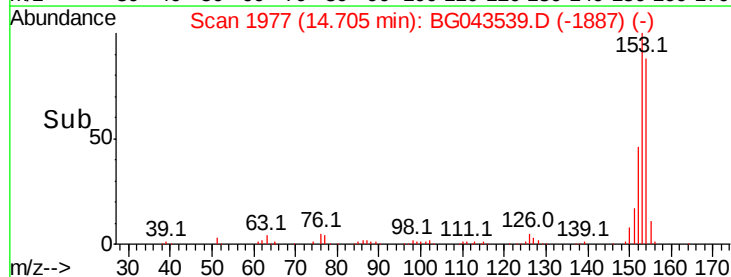
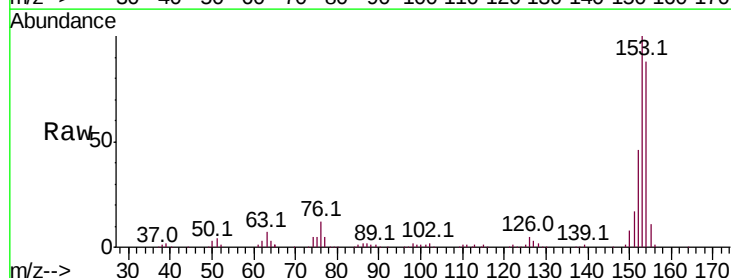
RT: 14.70 min Scan# 1977

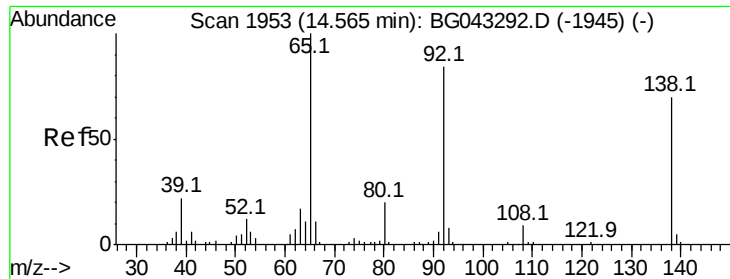
Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	154	Resp:	196014
Ion Ratio	Lower	Upper	
154	100		
153	113.8	88.2	132.2
152	52.5	40.0	60.0





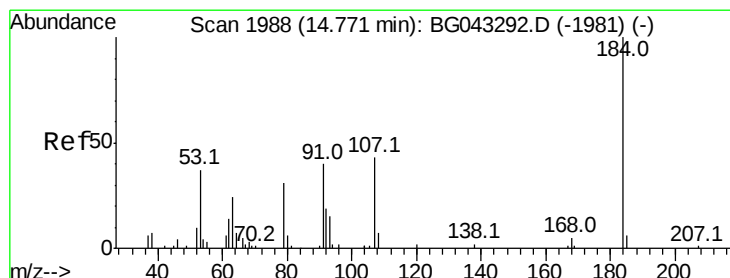
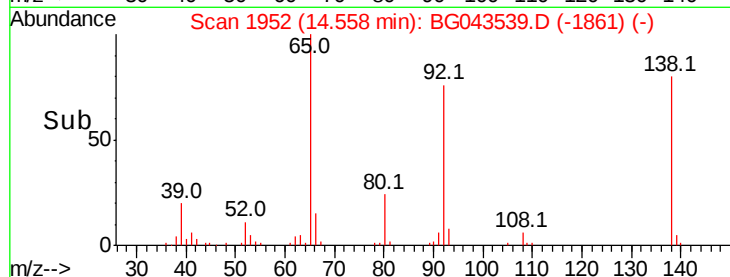
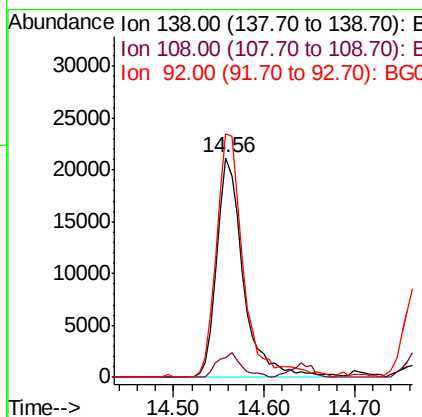
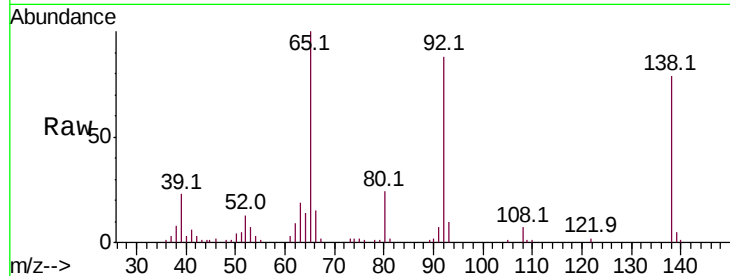
#53
3-Nitroaniline
Concen: 27.792 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.0	12.0
92	110.9	90.9	136.3

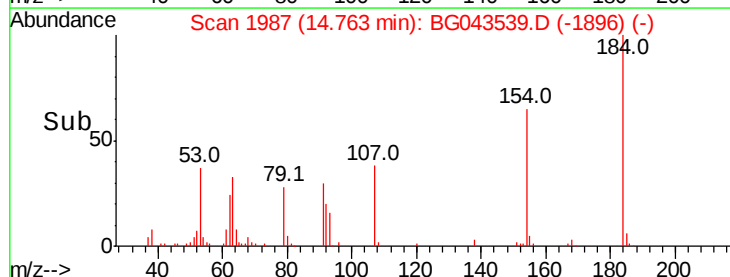
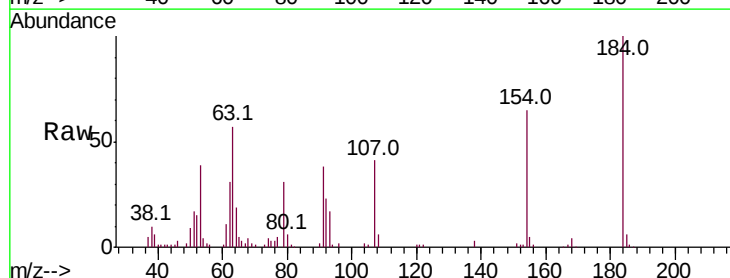
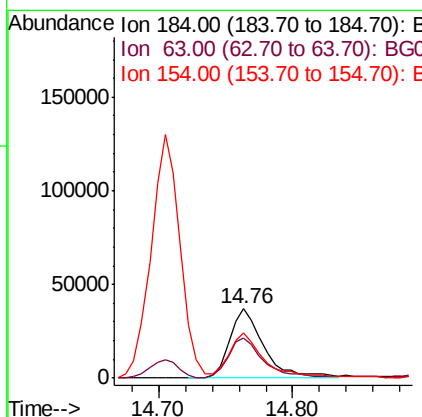
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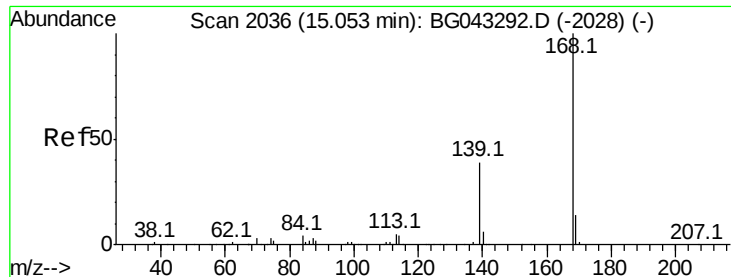
Sohil
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#54
2,4-Dinitrophenol
Concen: 67.301 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	51.3	76.9
154	64.7	55.4	83.0





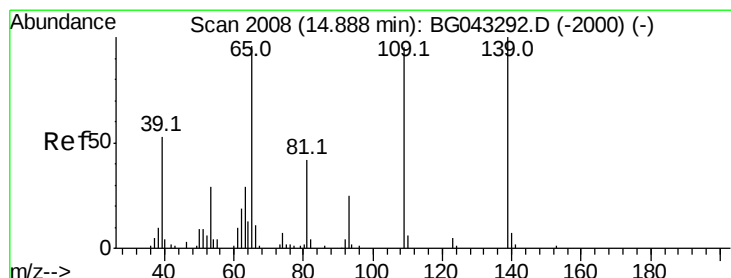
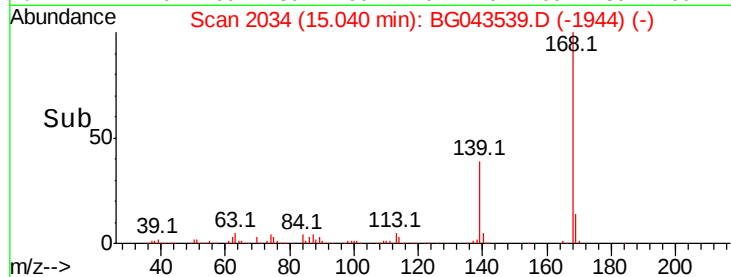
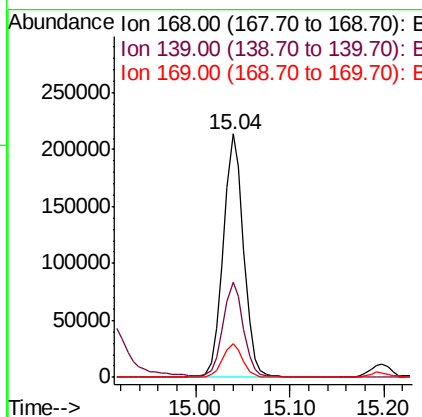
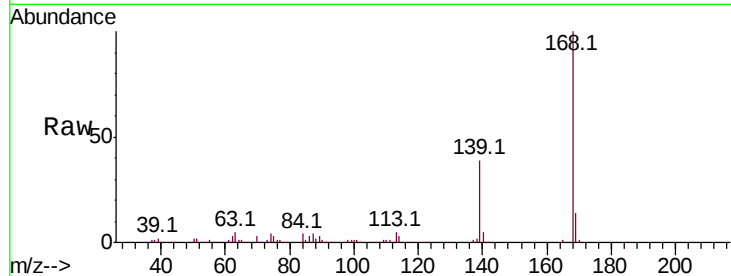
#55
Dibenzofuran
Concen: 38.065 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampled :
PB124565BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.0	46.6
169	13.7	11.7	17.5

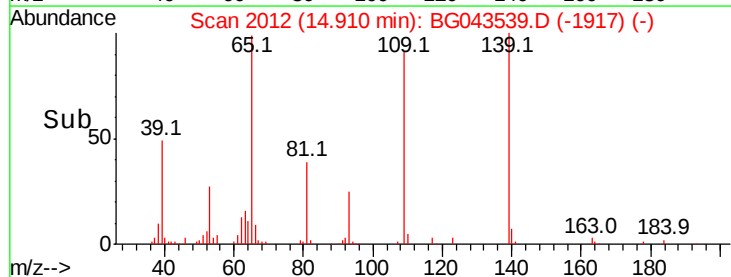
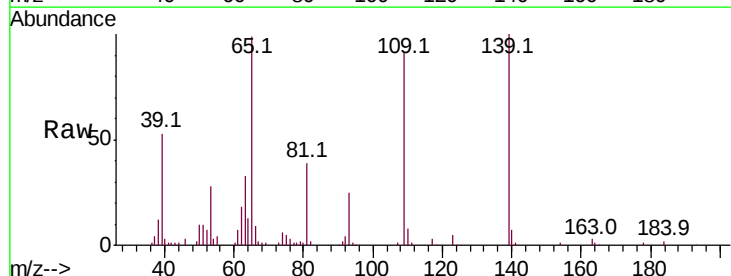
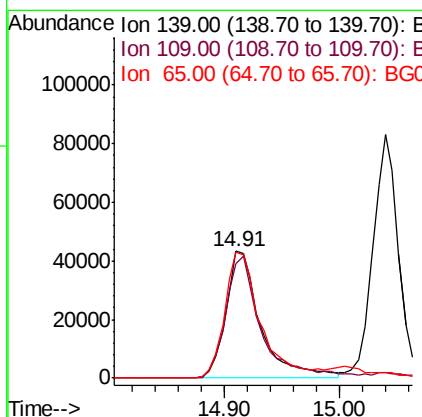
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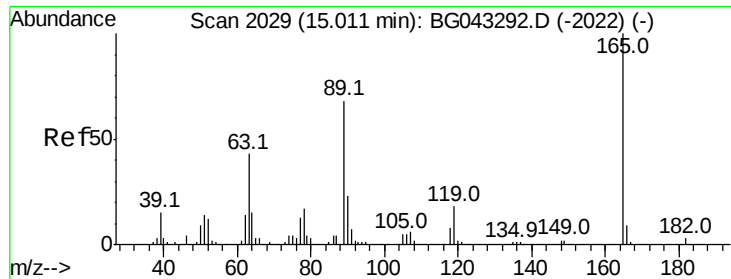
Sohil
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#56
4-Nitrophenol
Concen: 87.298 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	90.7	87.2	127.2
65	99.3	83.8	123.8





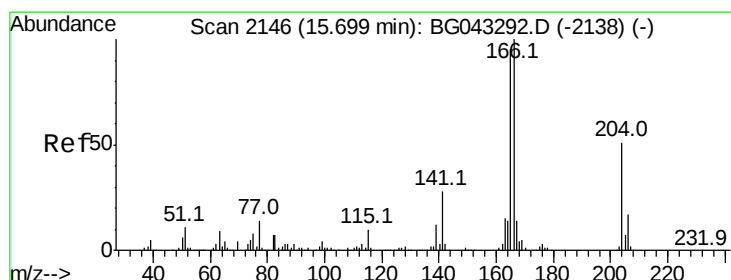
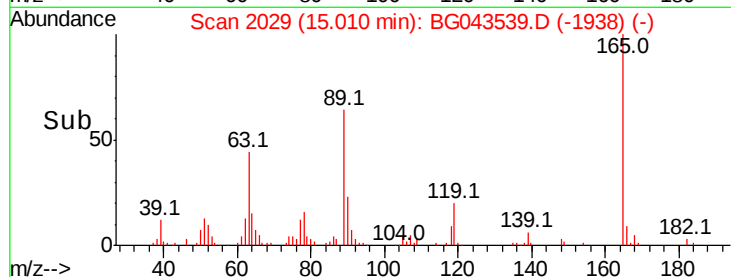
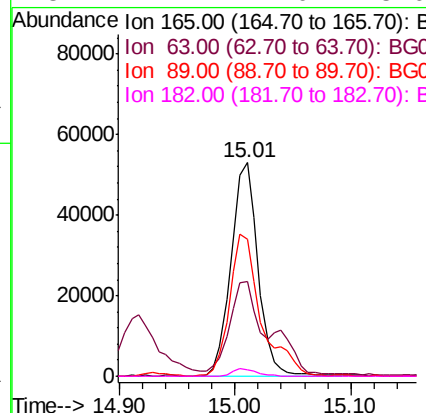
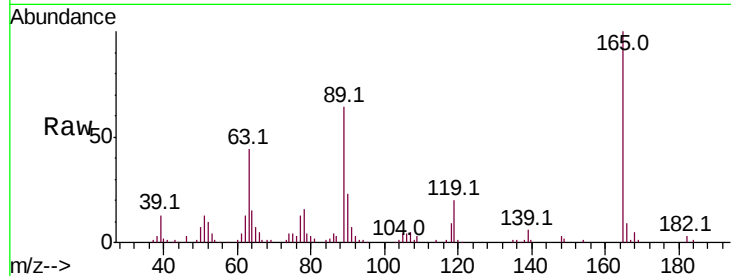
#57
2,4-Dinitrotoluene
Concen: 37.676 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	33.2	49.8	
89	64.4	52.2	78.4	
182	2.7	2.0	3.0	

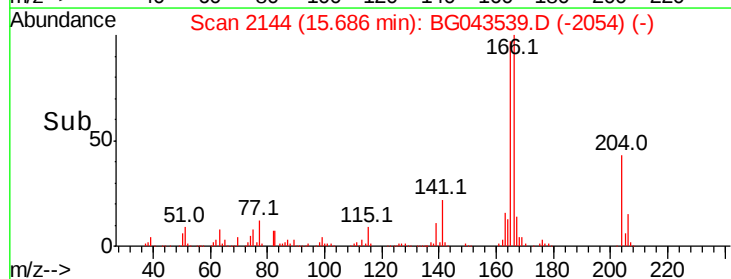
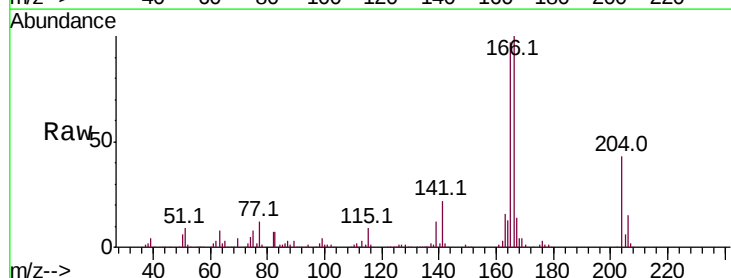
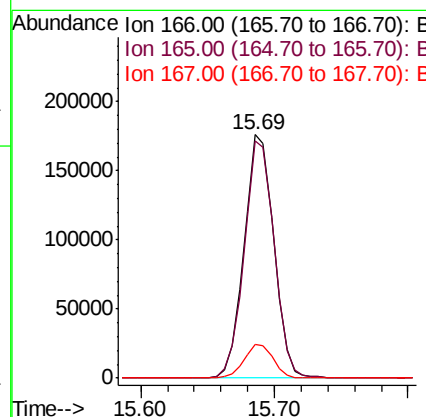
Manual Integrations
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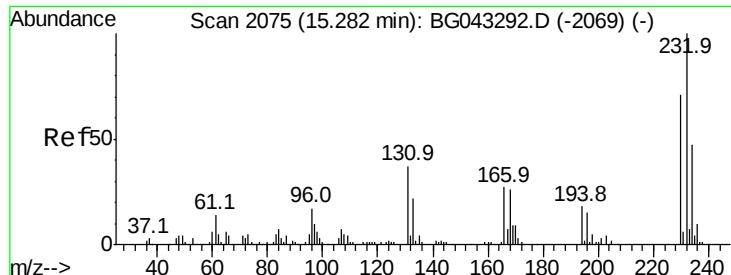
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#58
Fluorene
Concen: 37.928 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.2	79.0	118.6	
167	13.7	10.5	15.7	





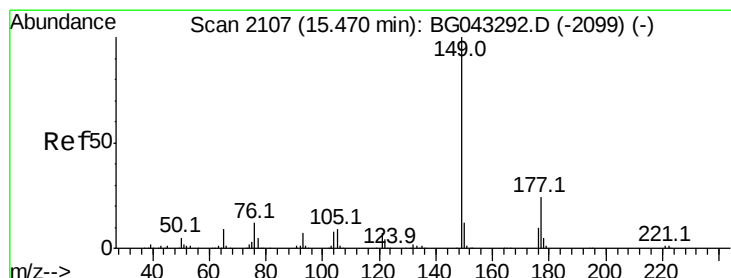
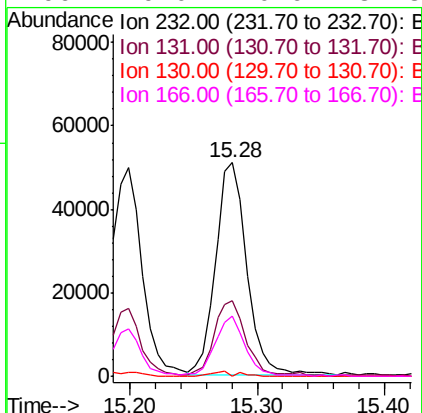
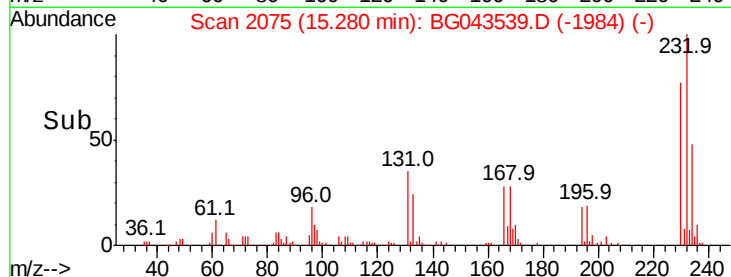
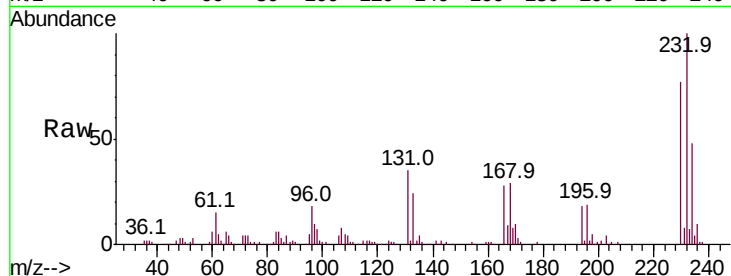
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.138 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	87168		
131	34.1		26.9	40.3
130	1.8		1.8	2.6
166	26.0		20.9	31.3

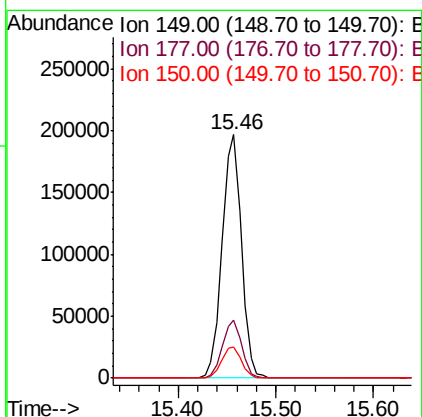
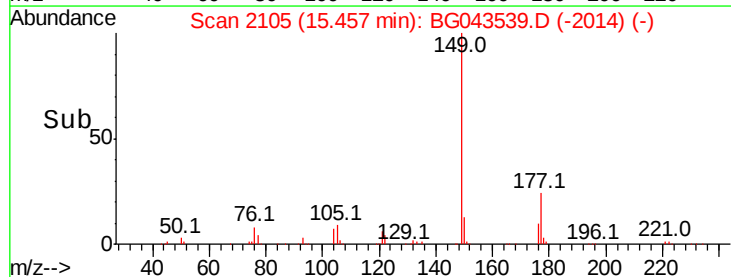
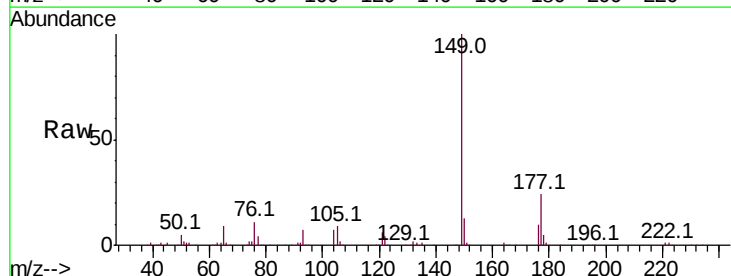
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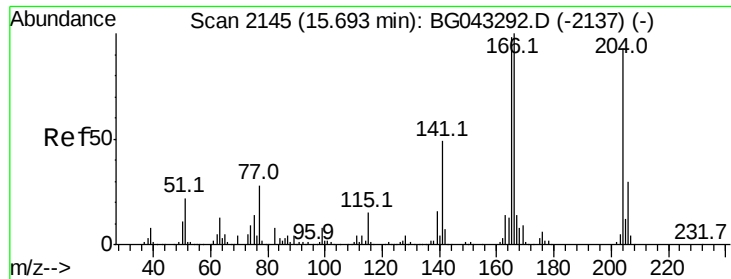
Sohil
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#60
 Diethylphthalate
 Concen: 36.371 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	269303		
177	24.0		19.6	29.4
150	12.7		10.8	16.2





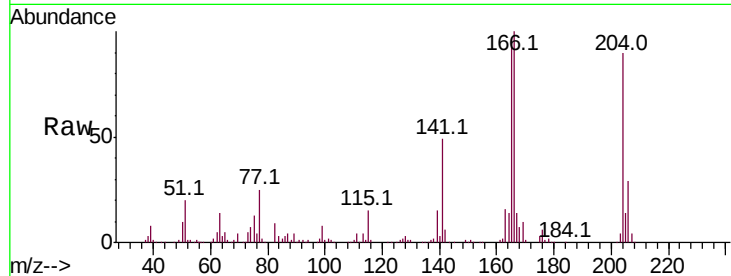
#61
4-Chlorophenyl-phenylether
Concen: 36.850 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	28.4	42.6
141	54.4	43.0	64.6

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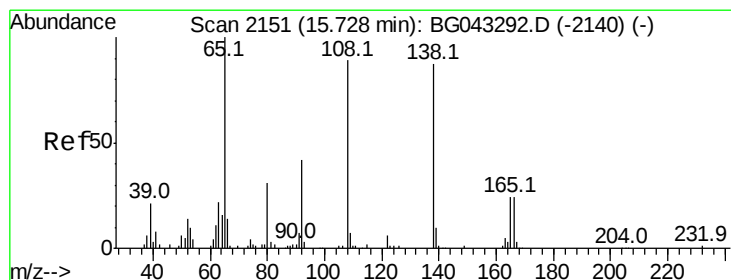
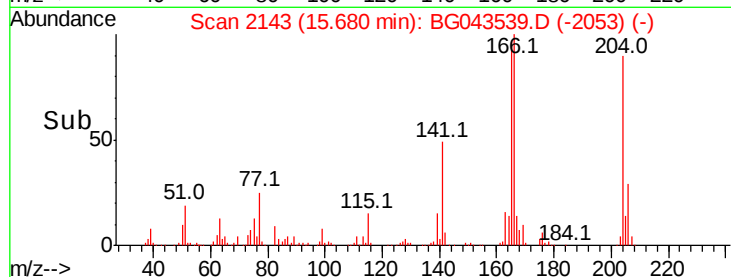
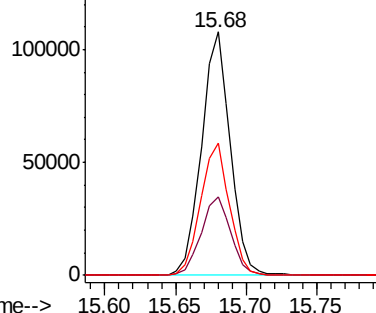


Abundance

Ion 204.00 (203.70 to 204.70): E

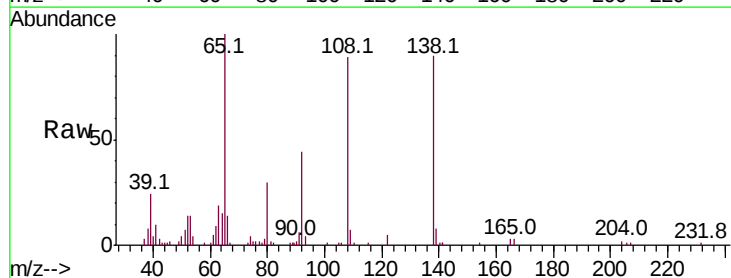
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.195 ng
RT: 15.73 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	33.4	73.4
108	99.1	78.0	118.0

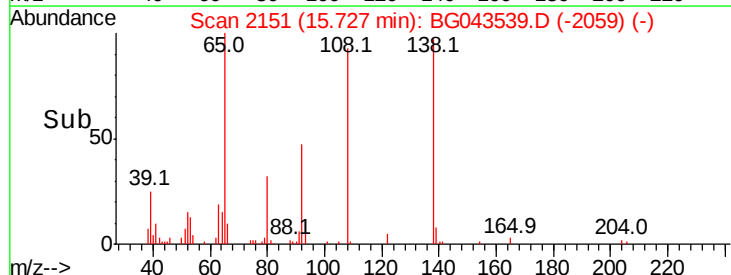
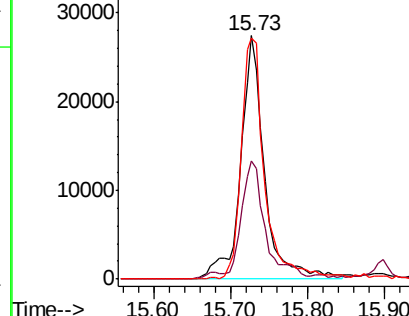


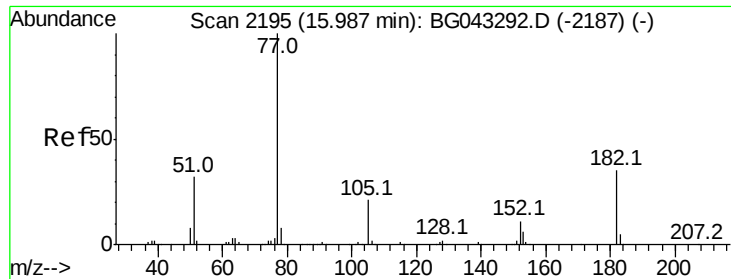
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.507 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

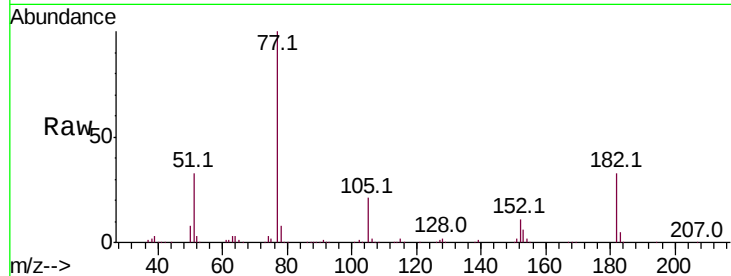
ClientSampleId :

PB124565BS

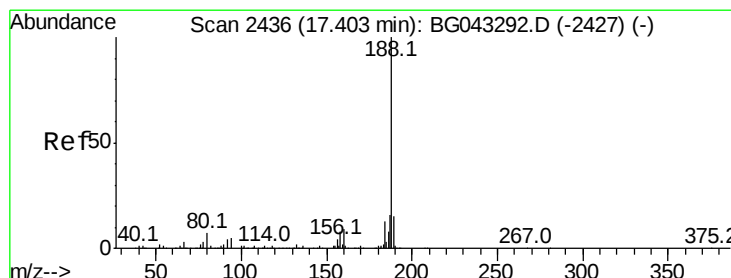
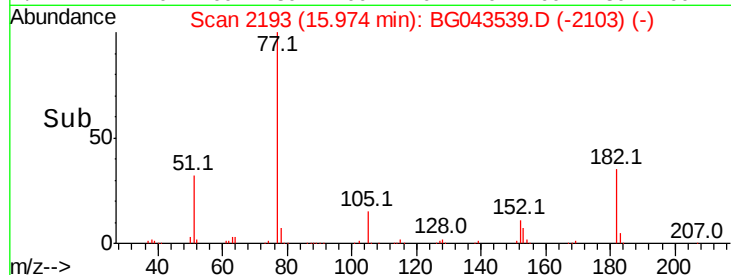
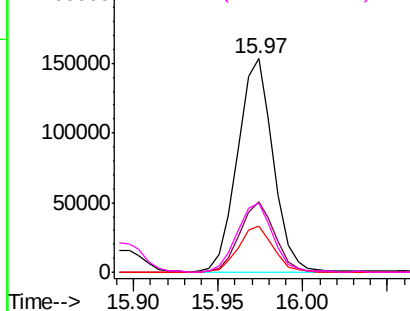
Tot Ion	Ratio	Lower	Upper
77	100		
182	33.2	13.7	53.7
105	21.4	0.4	40.4
51	32.6	11.0	51.0

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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: 17.39 min Scan# 2434

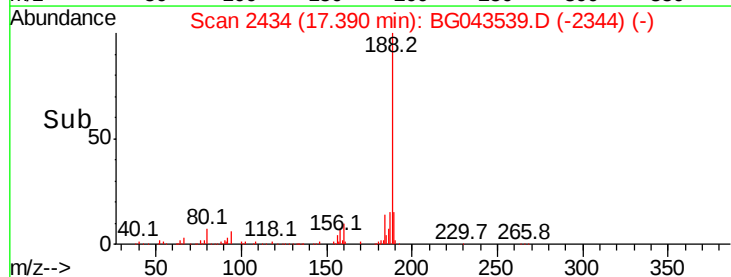
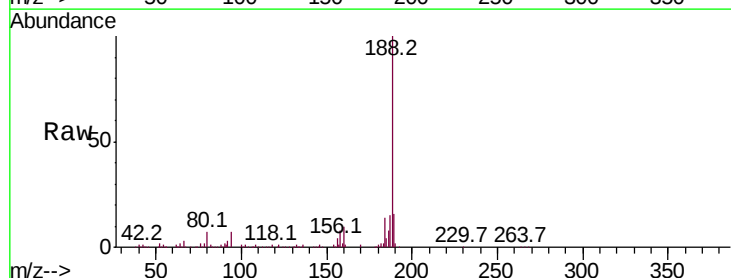
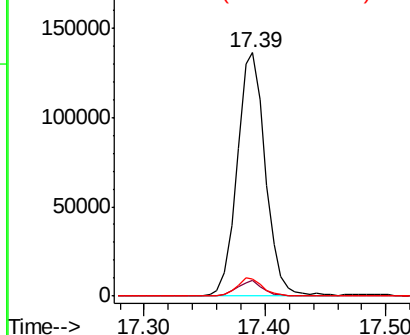
Delta R.T. -0.00 min

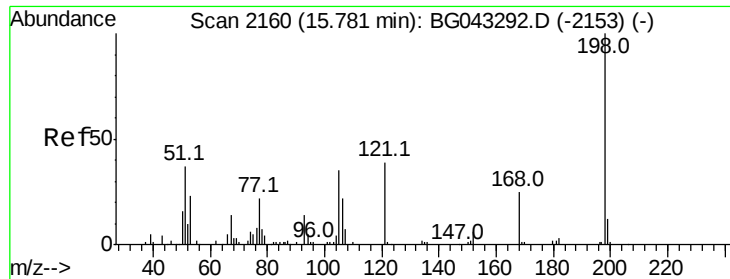
Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.2	6.4#
80	7.0	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: 41.893 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

ClientSampleId :

PB124565BS

Tot Ion:198 Resp: 54906

Ion Ratio Lower Upper

198 100

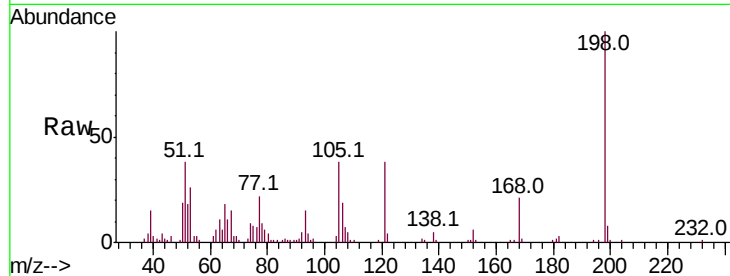
51 38.3 13.2 53.2

105 38.0 15.8 55.8

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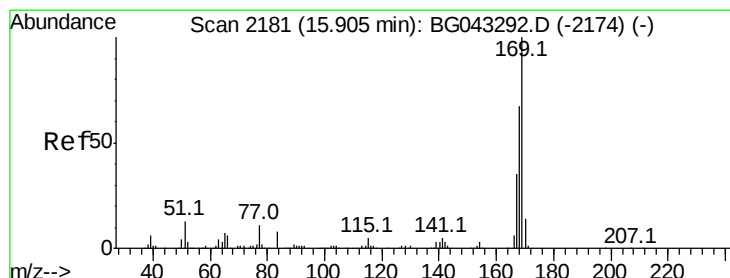
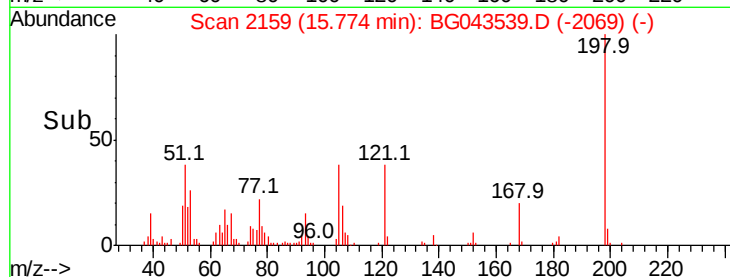
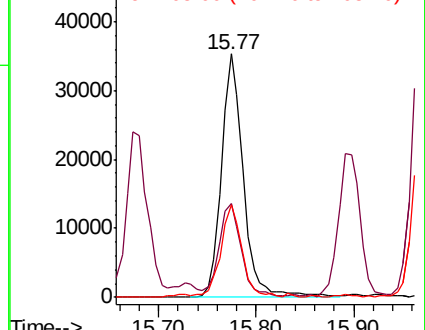
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.895 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

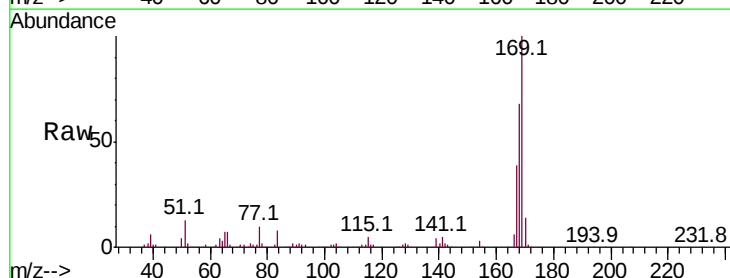
Tgt Ion:169 Resp: 238269

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

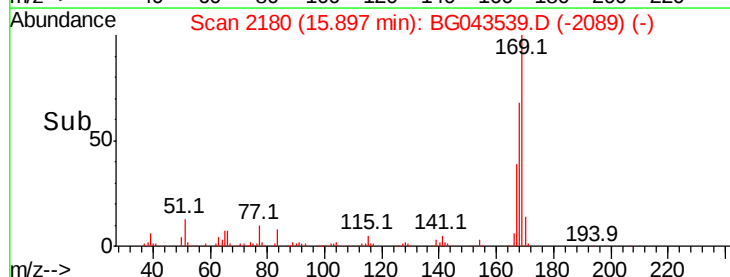
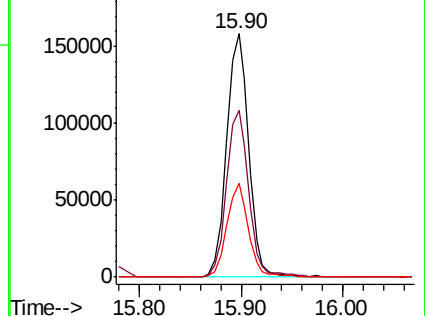
167 38.8 27.5 41.3

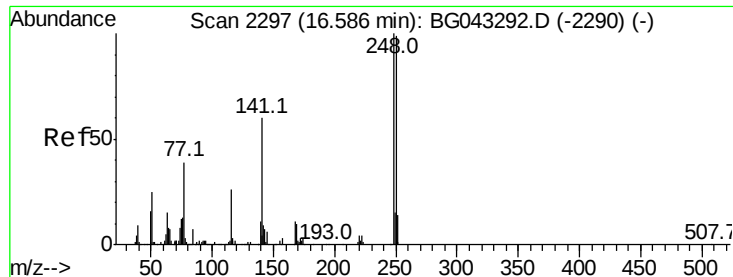


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





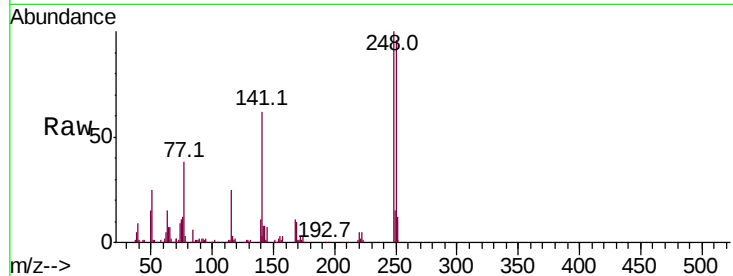
#67
4-Bromophenyl-phenylether
Concen: 35.990 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.0	115.4
141	62.1	47.5	71.3

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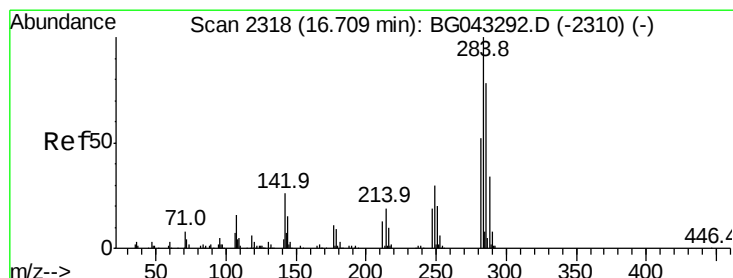
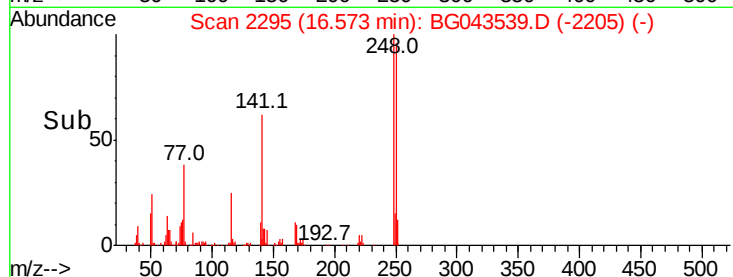
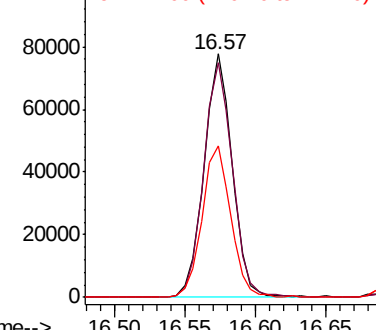


Abundance

Ion 248.00 (247.70 to 248.70): E

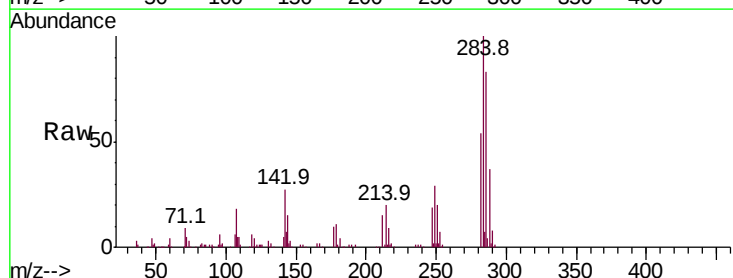
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.394 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	19.8	29.8
249	28.8	23.8	35.6

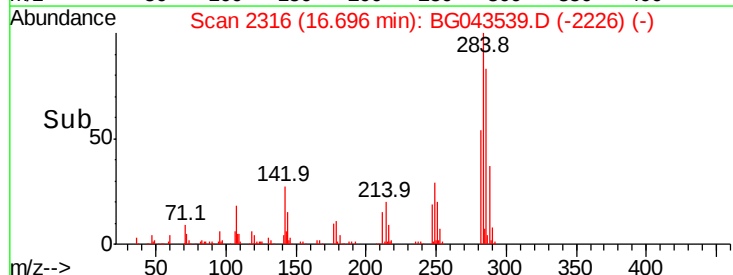
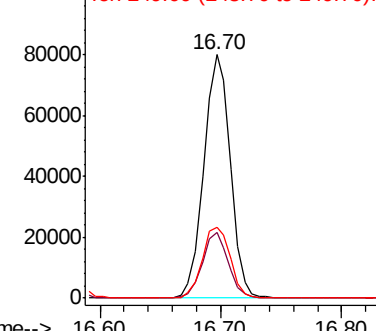


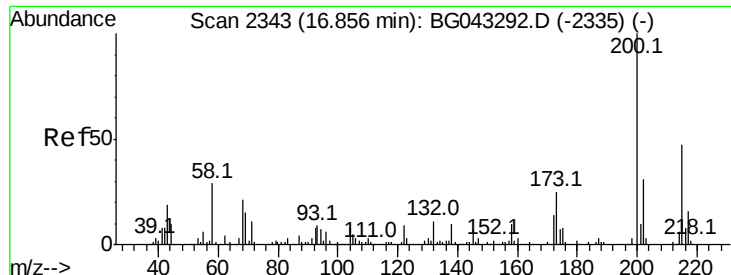
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





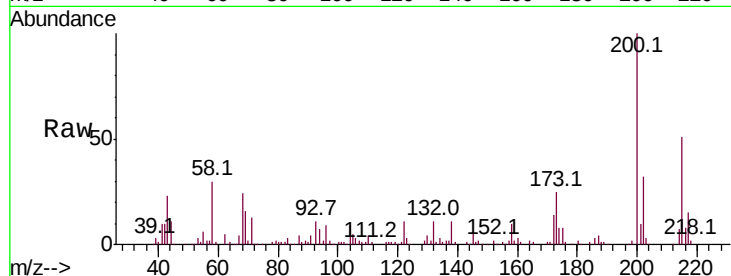
#69
Atrazine
Concen: 45.232 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampled :
PB124565BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.7	44.7
215	51.0	28.5	68.5

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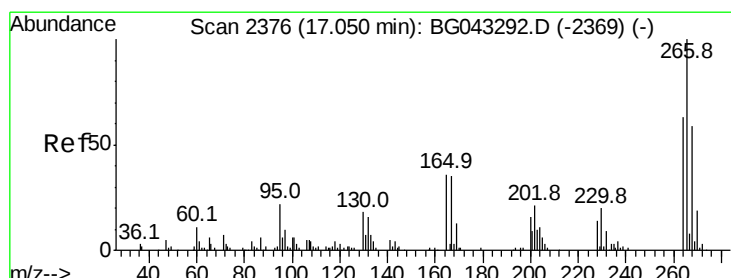
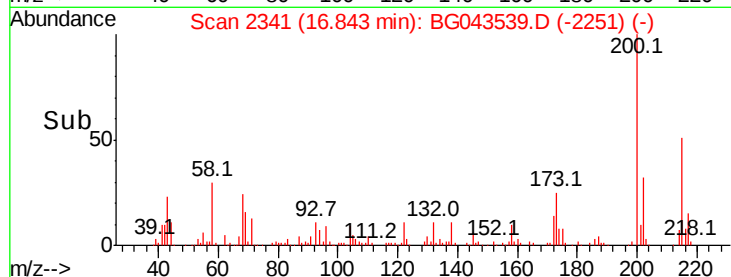
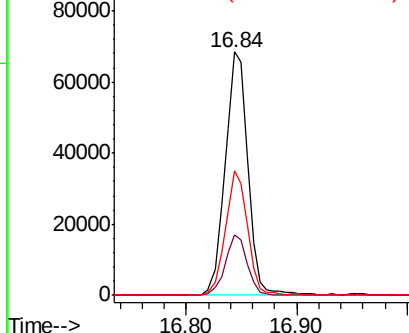


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 71.914 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

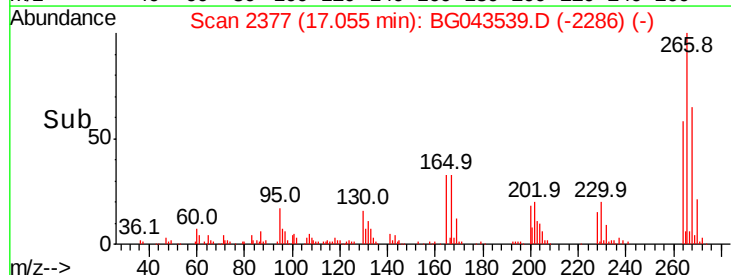
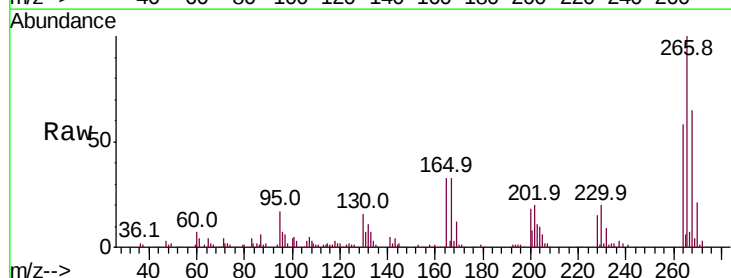
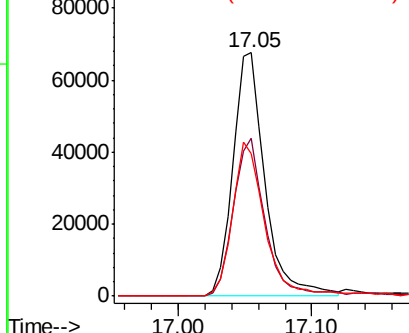
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.4	75.6
264	58.5	48.9	73.3

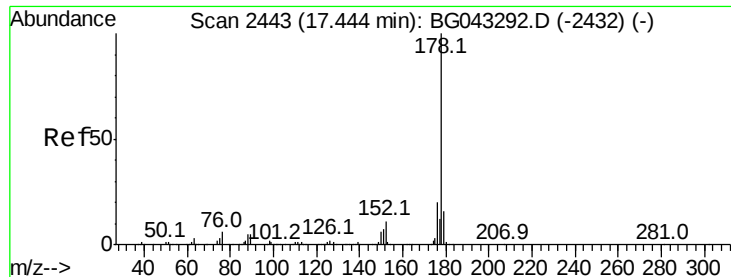
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





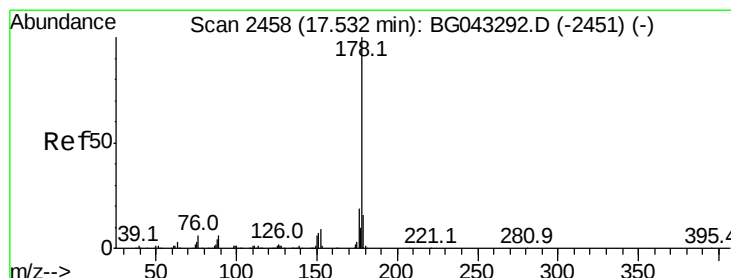
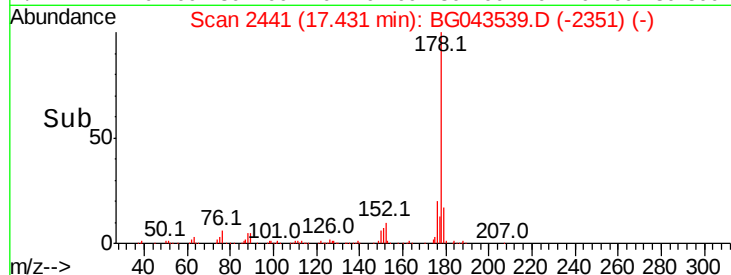
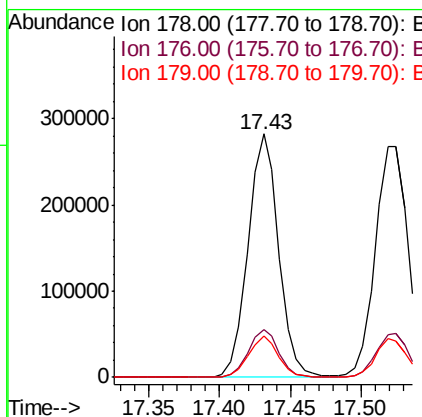
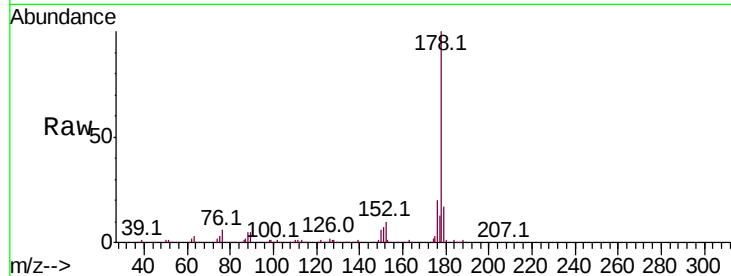
#71
Phenanthrene
Concen: 37.670 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	17.0	13.0	19.6

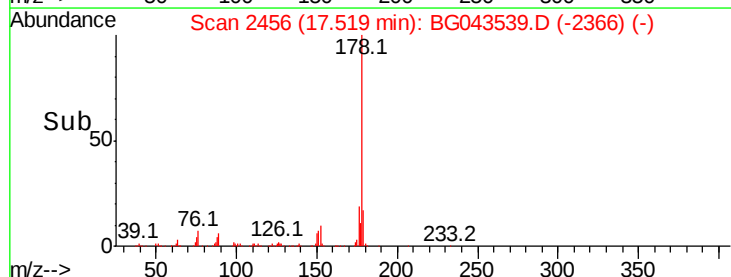
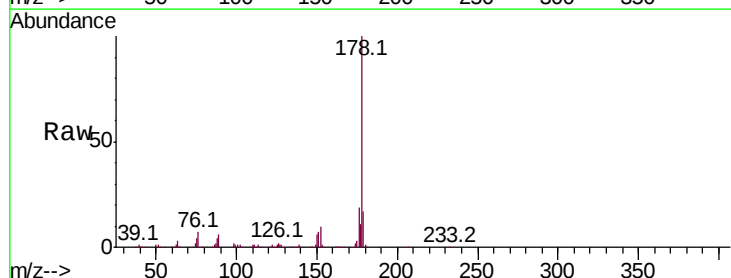
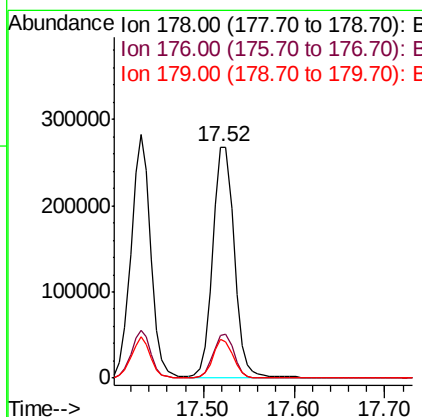
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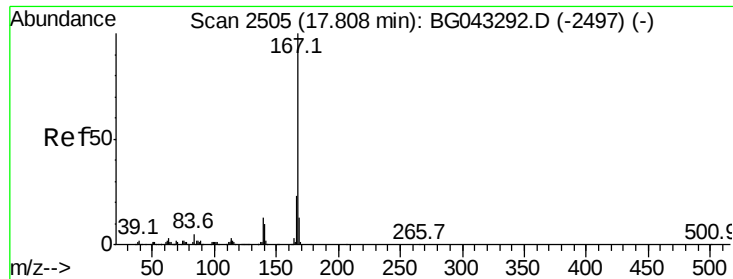
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#72
Anthracene
Concen: 38.798 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.7	13.7	20.5





#73

Carbazole

Concen: 39.161 ng

RT: 17.80 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

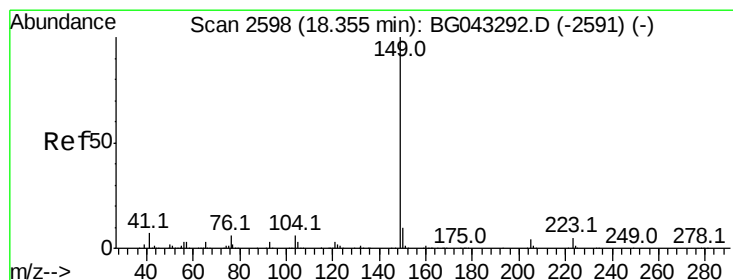
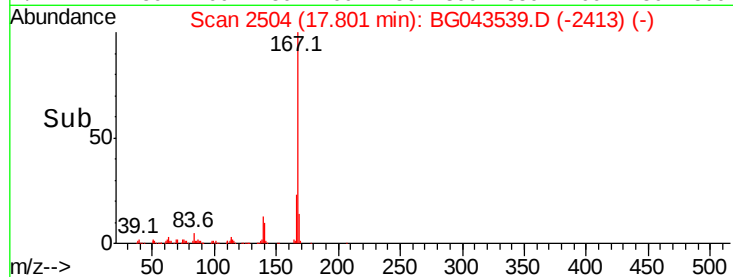
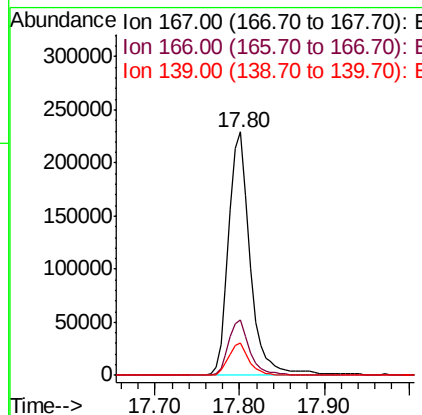
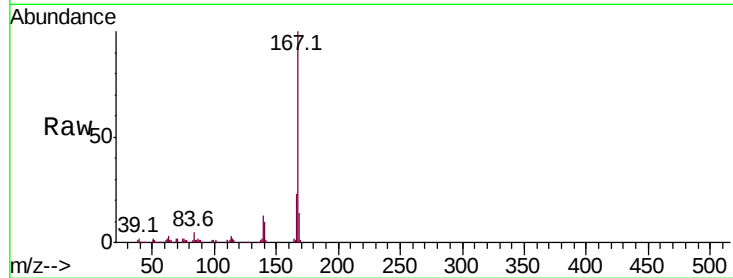
ClientSampleId :

PB124565BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.7	28.1
139	13.1	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 38.167 ng

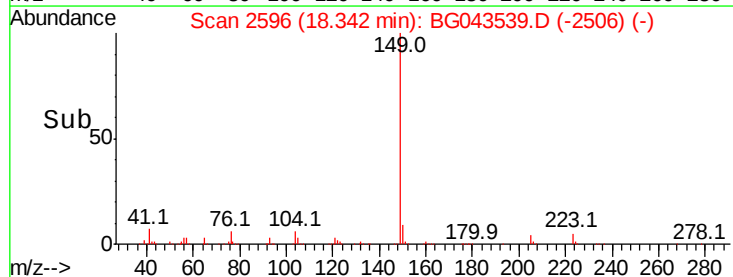
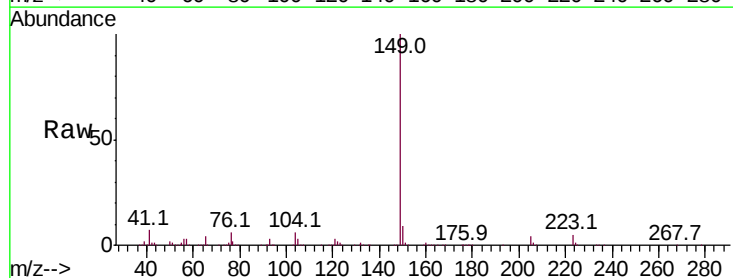
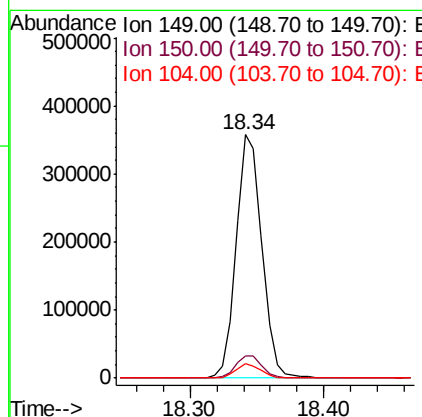
RT: 18.34 min Scan# 2596

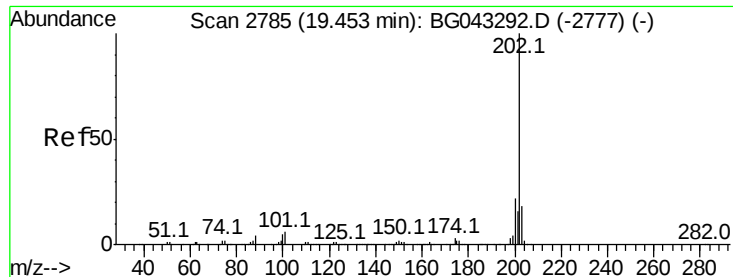
Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	6.1	4.4	6.6





#75

Fluoranthene

Concen: 38.915 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

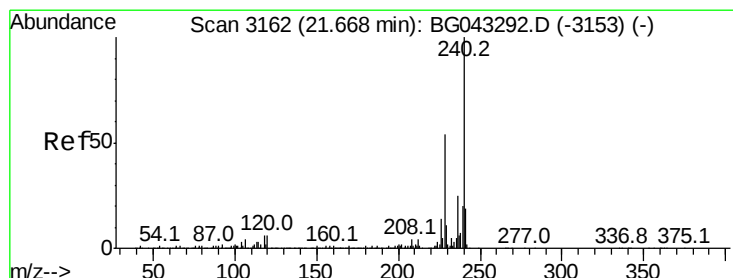
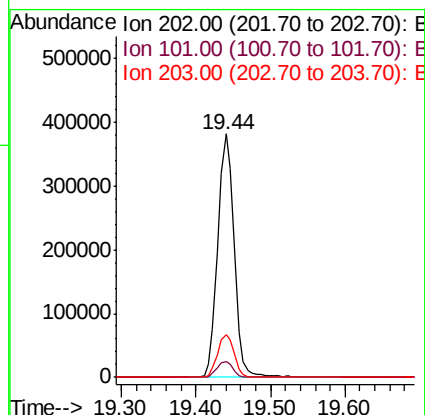
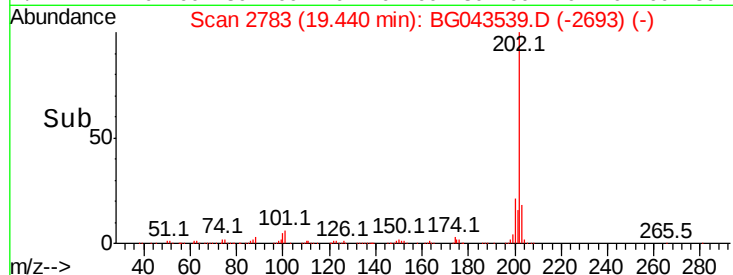
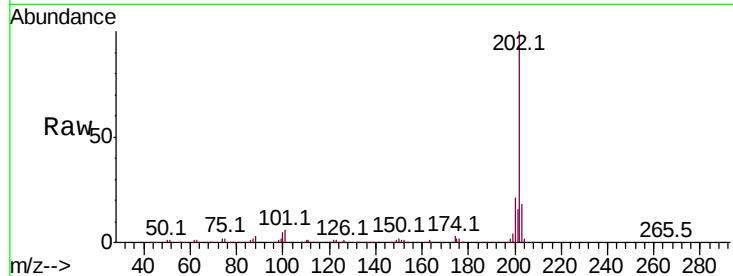
ClientSampleId :

PB124565BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.4	0.0	26.3
203	17.8	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

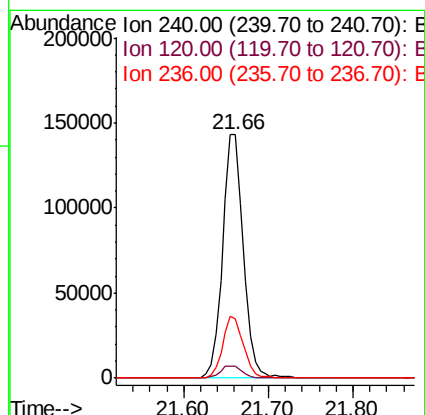
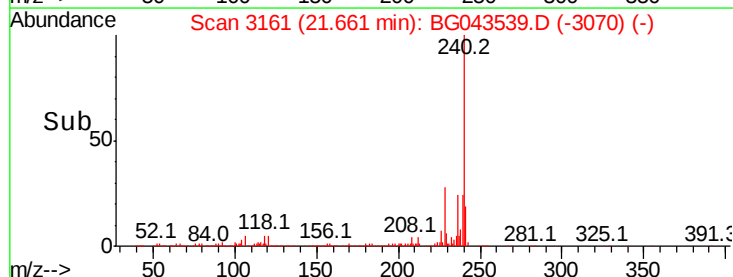
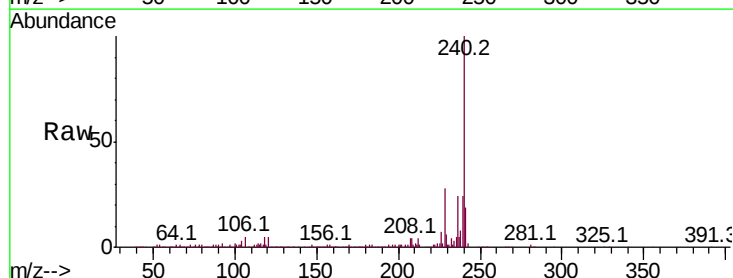
RT: 21.66 min Scan# 3161

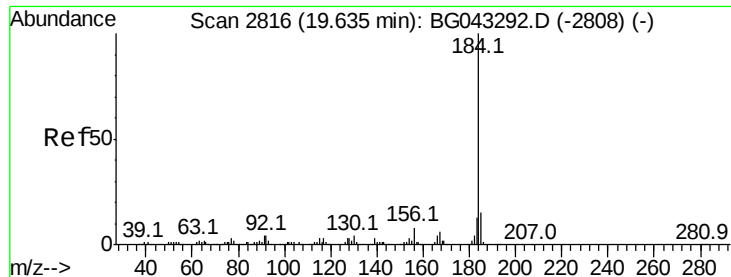
Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.8	4.6	6.8
236	24.1	19.8	29.8





#77

Benzidine

Concen: 19.942 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

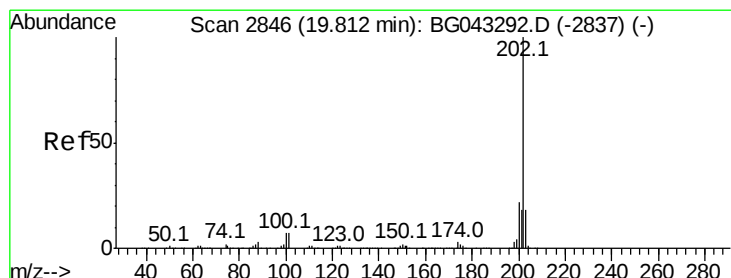
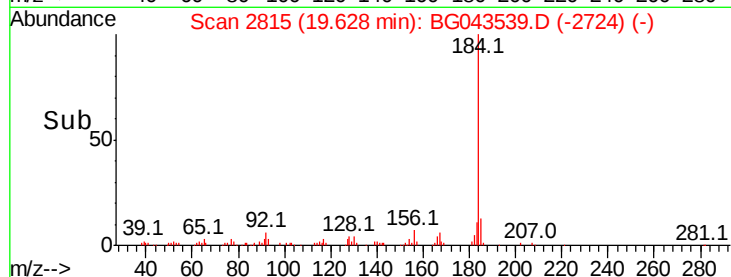
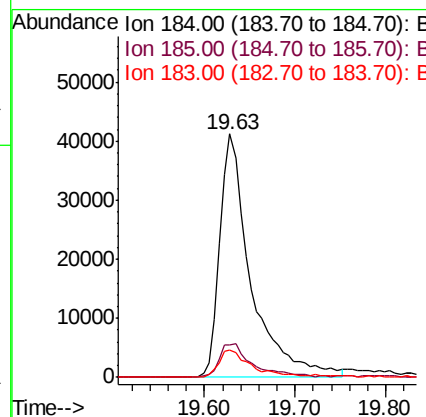
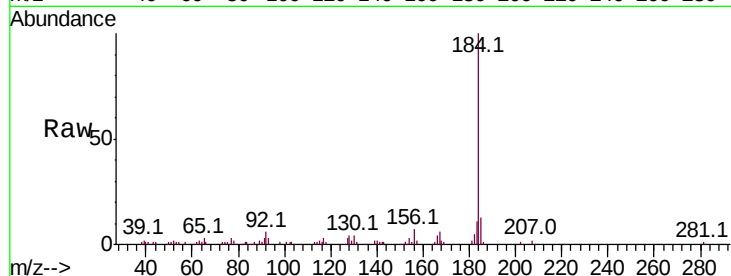
ClientSampled :

PB124565BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.0	16.4
183	11.0	10.0	15.0

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#78

Pyrene

Concen: 39.201 ng

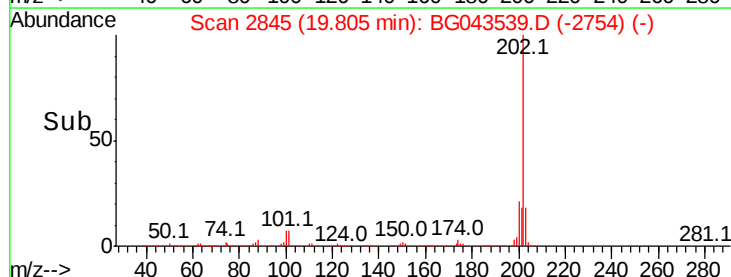
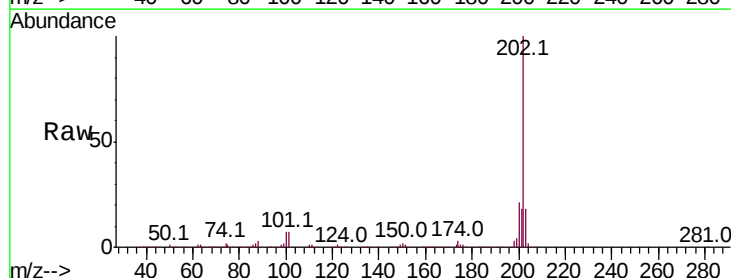
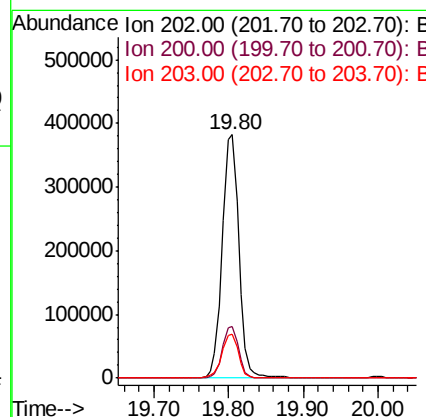
RT: 19.80 min Scan# 2845

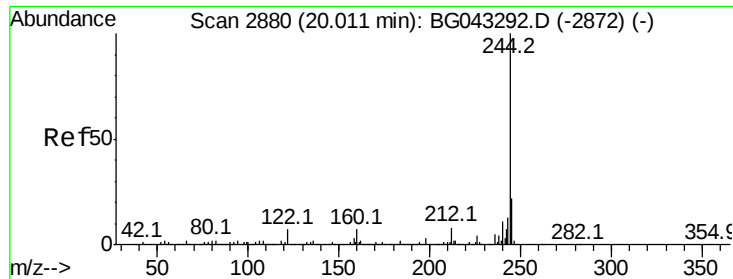
Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.1	14.7	22.1





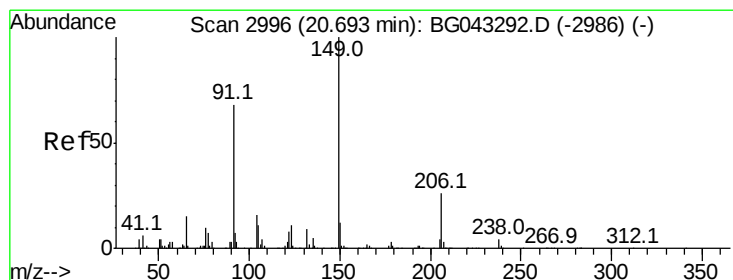
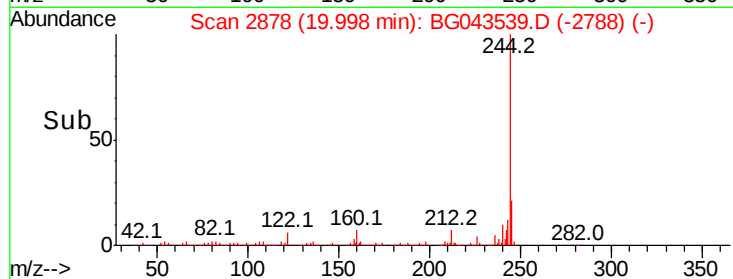
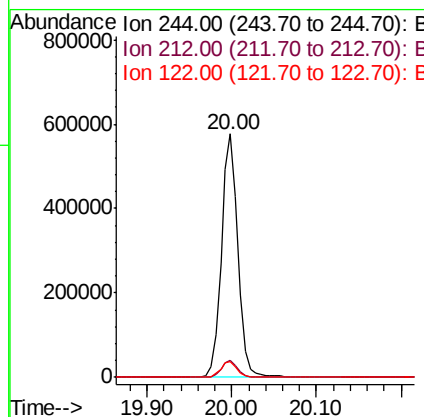
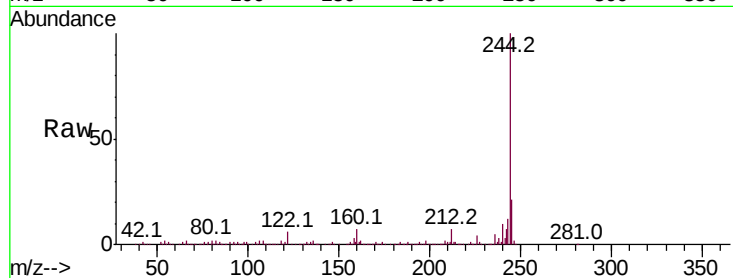
#79
 Terphenyl-d14
 Concen: 60.133 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BS

Tot Ion:	244	Resp:	783231
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.8	8.6
122	6.4	5.4	8.2

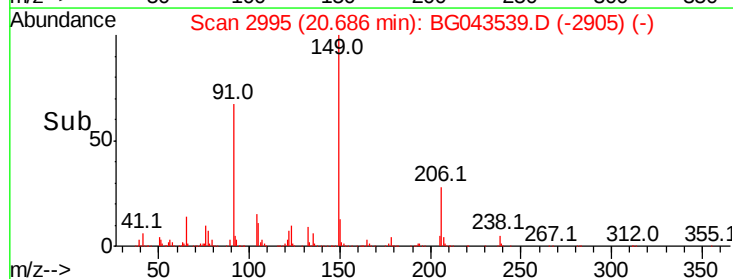
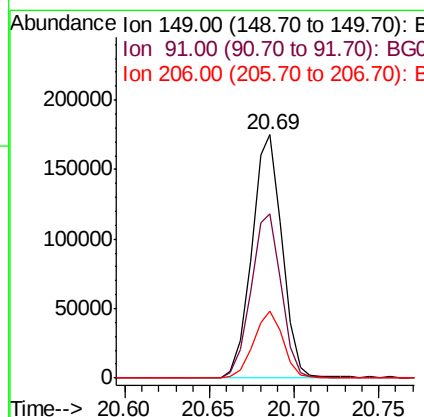
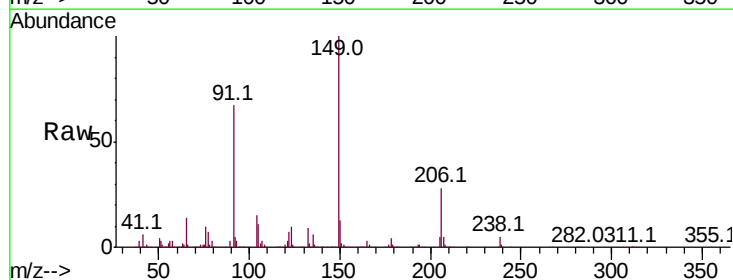
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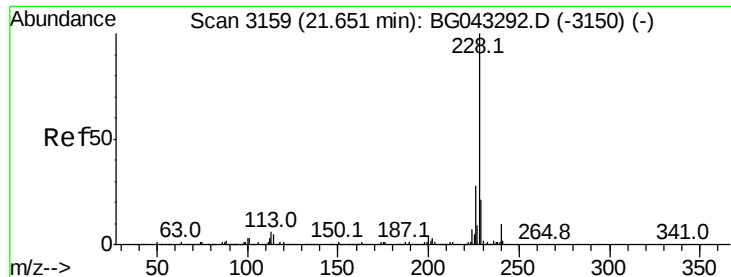
Sohil
 11/8/2019 3:33:00 PM



#80
 Butylbenzylphthalate
 Concen: 37.911 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Tgt Ion:	149	Resp:	217248
Ion Ratio		Lower	Upper
149	100		
91	67.3	51.2	76.8
206	27.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 38.679 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

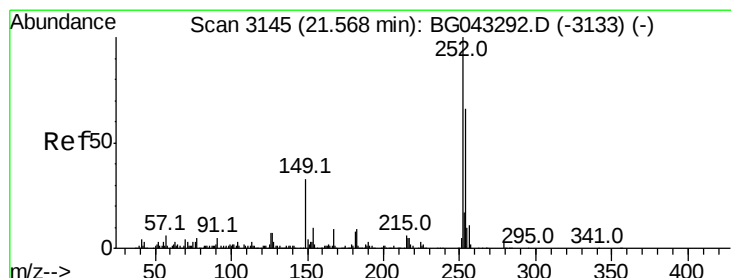
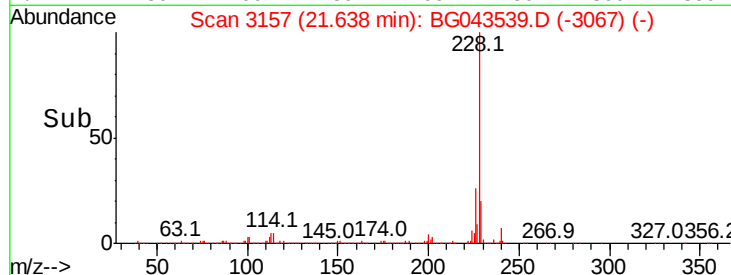
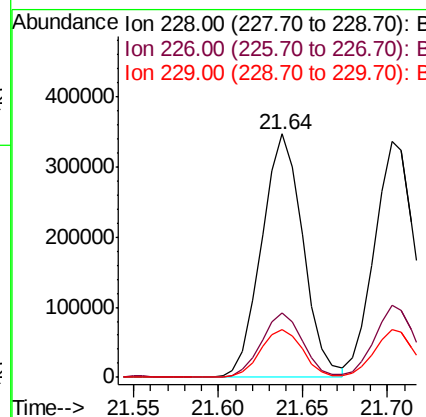
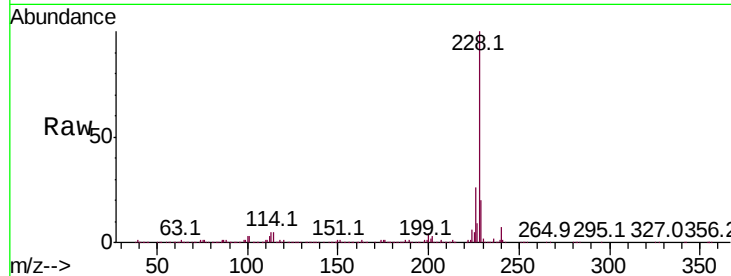
ClientSampleId :

PB124565BS

Tot Ion:	228	Resp:	592027
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.2	33.2
229	19.5	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 31.442 ng

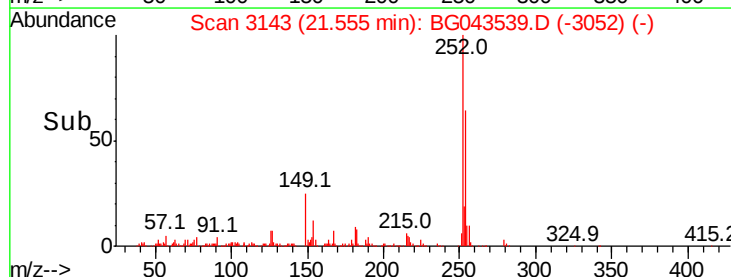
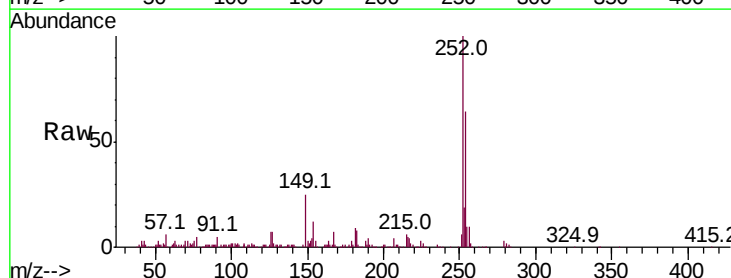
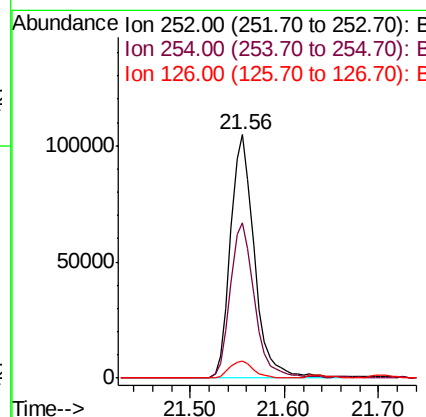
RT: 21.56 min Scan# 3143

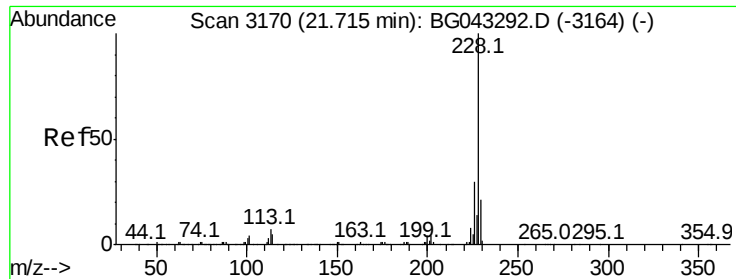
Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	252	Resp:	186142
Ion Ratio	Lower	Upper	
252	100		
254	63.7	50.8	76.2
126	6.9	6.1	9.1





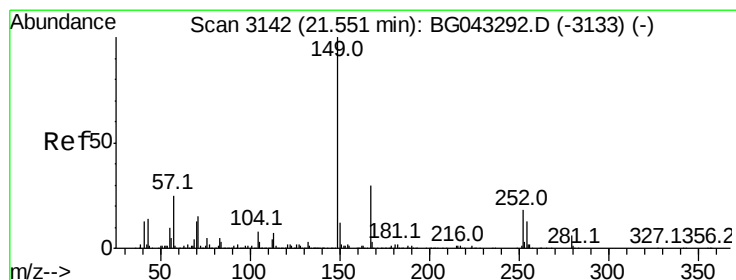
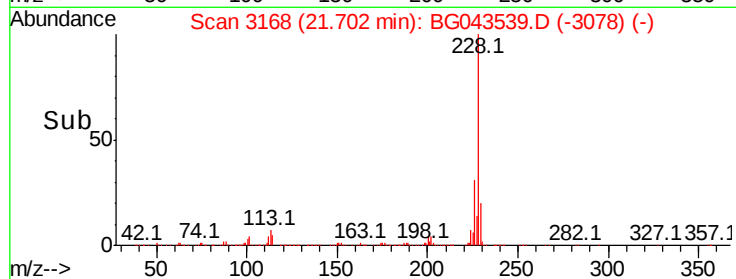
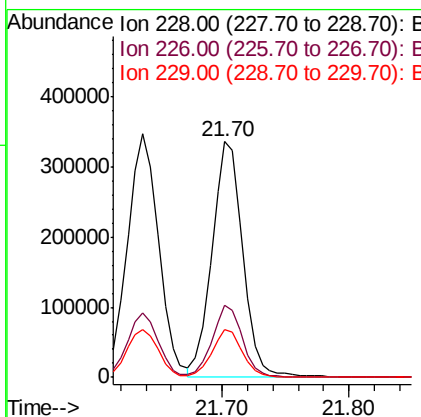
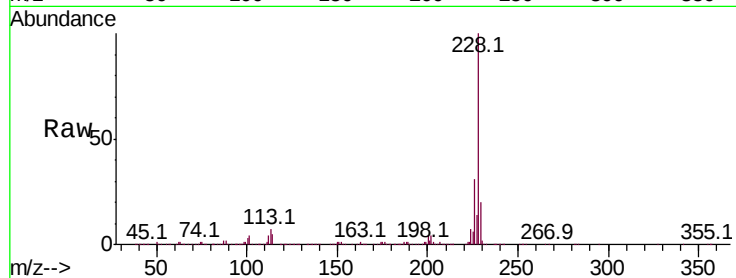
#83
 Chrysene
 Concen: 37.170 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Instrument :
 BNA_G
 ClientSampleId :
 PB124565BS

Tot Ion:	228	Resp:	565282
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.1	37.7
229	20.5	17.0	25.4

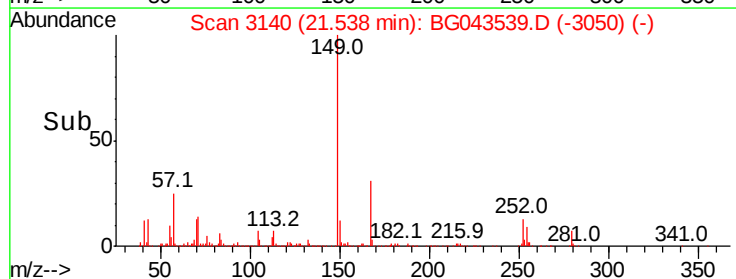
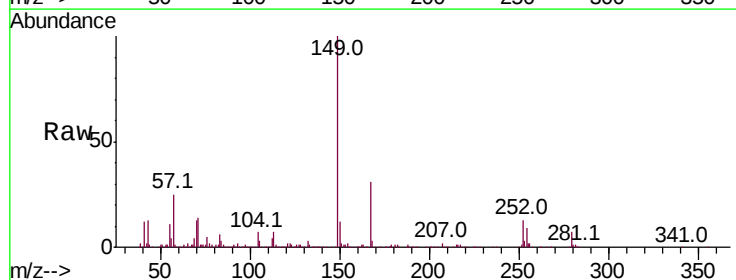
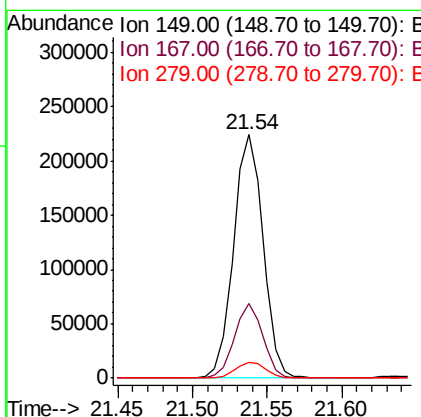
Manual Integrations
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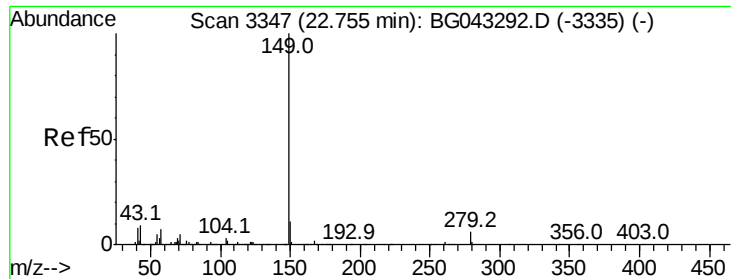
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.890 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043539.D
 Acq: 7 Nov 2019 15:00

Tgt Ion:	149	Resp:	308433
Ion Ratio	Lower	Upper	
149	100		
167	30.8	24.0	36.0
279	6.7	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 37.429 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

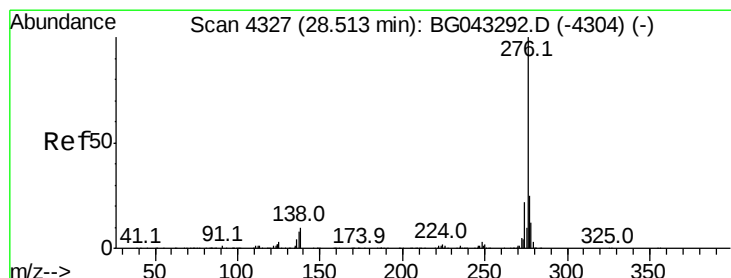
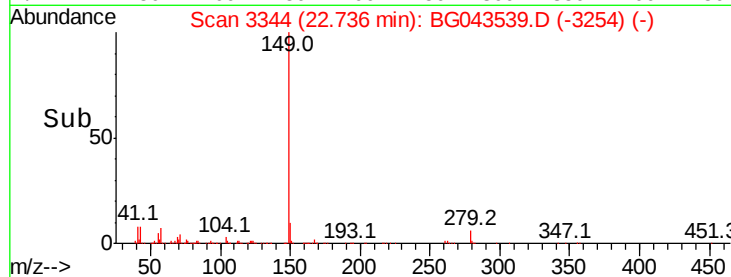
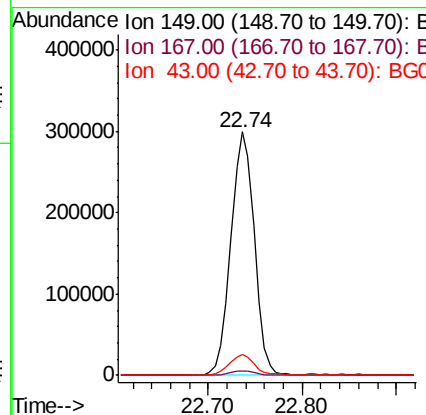
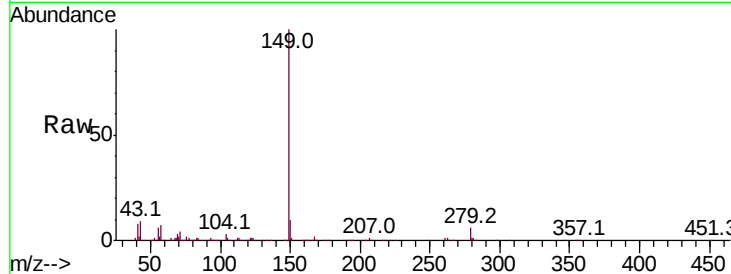
ClientSampleId :

PB124565BS

Tot Ion:	149	Resp:	516900
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	9.0	7.0	10.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.208 ng

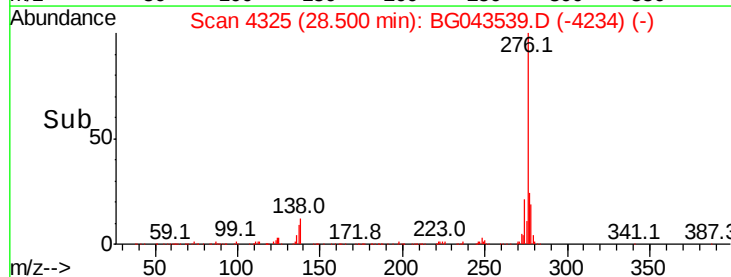
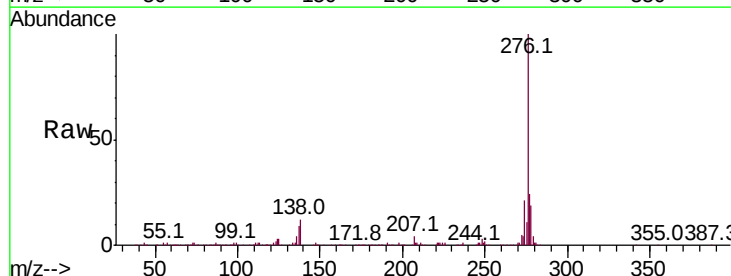
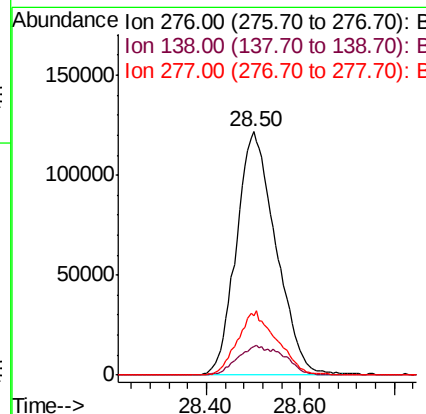
RT: 28.50 min Scan# 4325

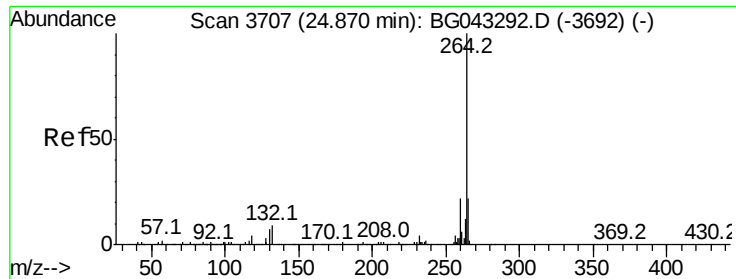
Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	276	Resp:	710302
Ion Ratio	Lower	Upper	
276	100		
138	14.2	6.8	10.2#
277	26.0	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

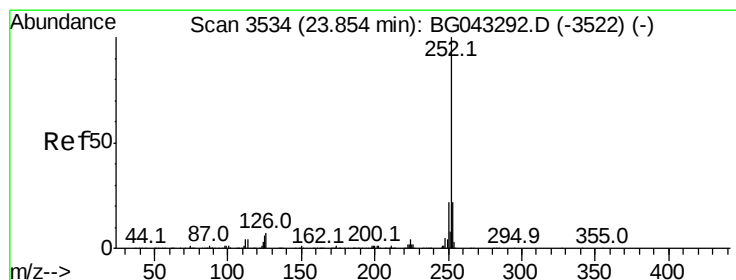
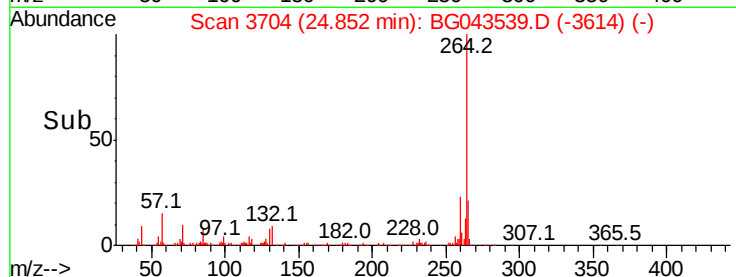
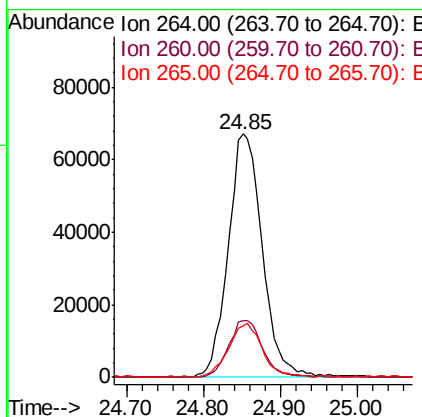
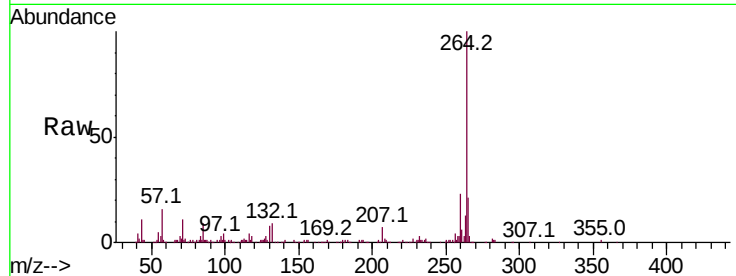
ClientSampleId :

PB124565BS

Tot Ion:	264	Resp:	207974
Ion Ratio	Lower	Upper	
264	100		
260	23.3	17.5	26.3
265	21.4	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 51.426 ng

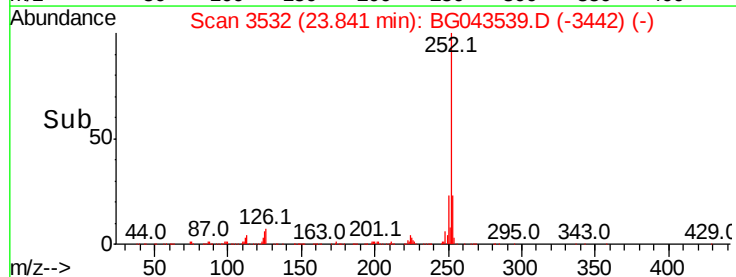
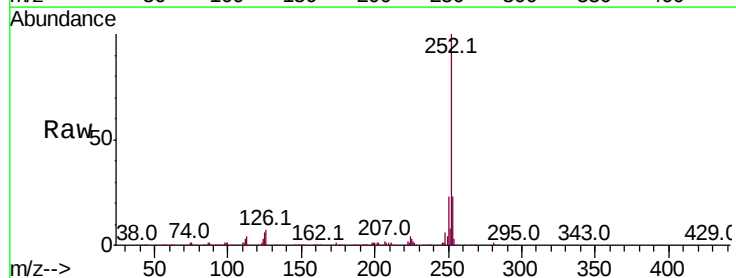
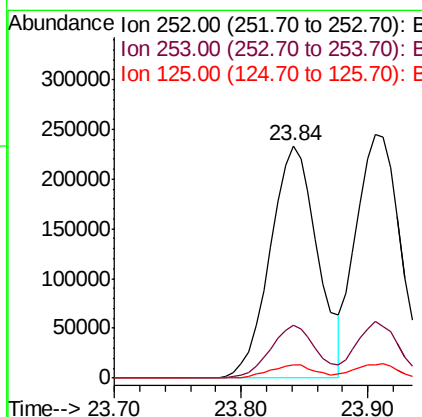
RT: 23.84 min Scan# 3532

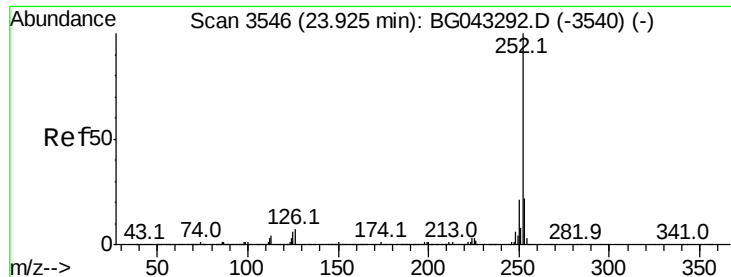
Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	252	Resp:	605741
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	6.0	4.5	6.7





#89

Benzo(k)fluoranthene

Concen: 50.687 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Instrument :

BNA_G

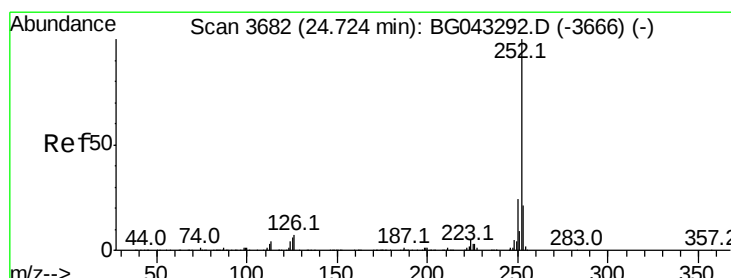
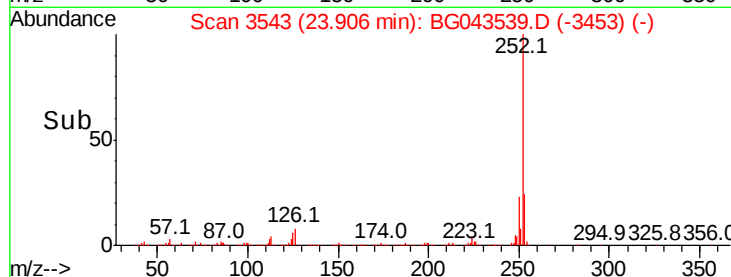
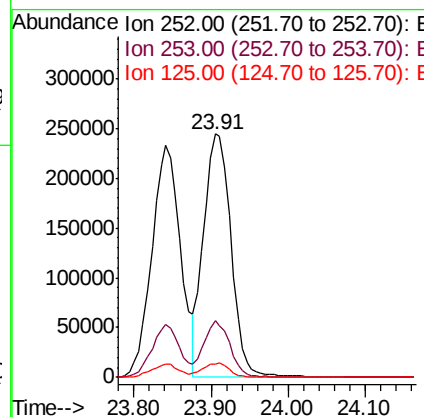
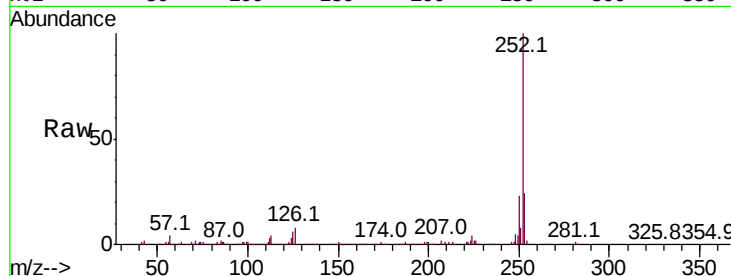
ClientSampleId :

PB124565BS

Tot Ion:	252	Resp:	601046
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	5.5	4.6	6.8

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 49.050 ng

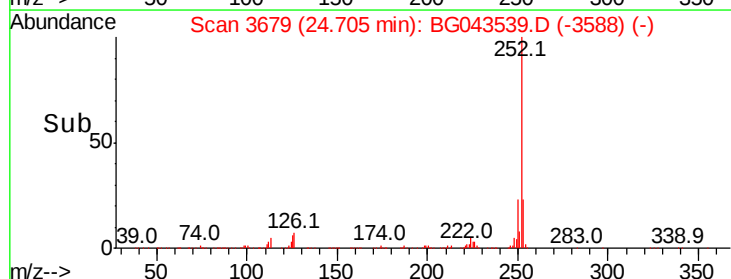
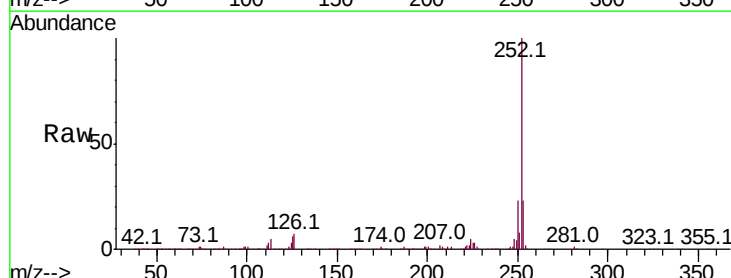
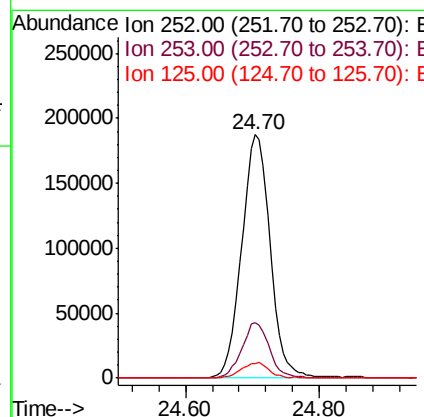
RT: 24.70 min Scan# 3679

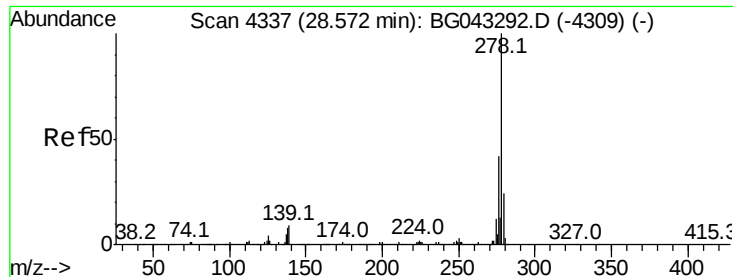
Delta R.T. 0.01 min

Lab File: BG043539.D

Acq: 7 Nov 2019 15:00

Tgt Ion:	252	Resp:	551723
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	5.8	5.4	8.2





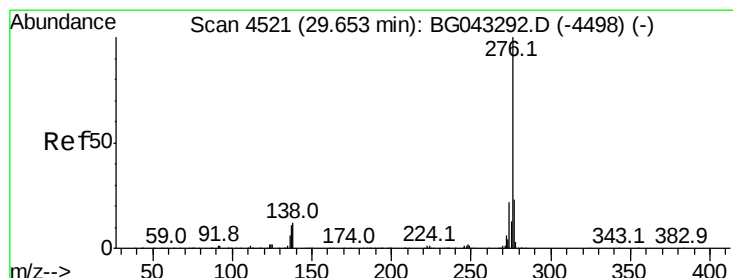
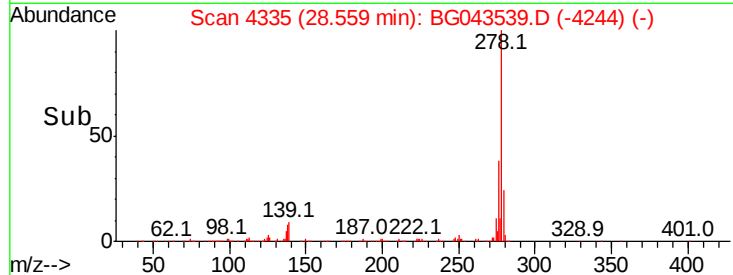
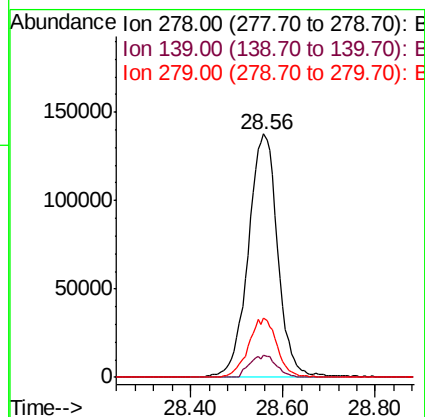
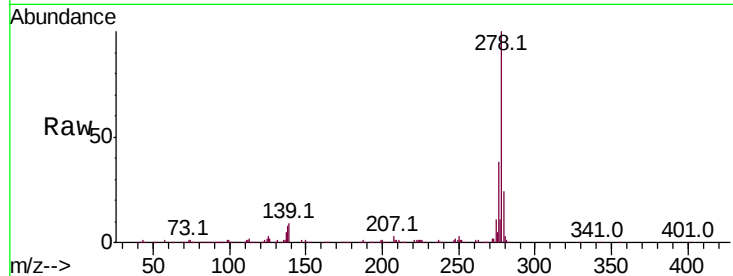
#91
Dibenzo(a,h)anthracene
Concen: 52.971 ng
RT: 28.56 min Scan# 4335
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Instrument :
BNA_G
ClientSampleId :
PB124565BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.4	11.0
279	24.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:00 PM



#92
Benzo(g,h,i)perylene
Concen: 52.526 ng m
RT: 29.64 min Scan# 4519
Delta R.T. 0.01 min
Lab File: BG043539.D
Acq: 7 Nov 2019 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	11.8	8.9	13.3

