

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043541.D
 Acq On : 7 Nov 2019 16:16
 Operator : JU
 Sample : PB124591BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Manual Integrations
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Sohil
 11/8/2019 3:33:01 PM

Quant Time: Nov 08 12:06:05 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	25863	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	104369	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	78977	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	188645	20.00	ng	0.00
76) Chrysene-d12	21.65	240	214701	20.00	ng	0.00
87) Perylene-d12	24.85	264	184036	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	176967	125.38	ng	0.02
7) Phenol-d6	7.22	99	239597	117.99	ng	0.02
23) Nitrobenzene-d5	9.17	82	122047	60.29	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	154531	102.82	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	336526	58.88	ng	0.00
79) Terphenyl-d14	19.99	244	703592	61.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	22104	40.189	ng	95
3) Pyridine	3.87	79	50107	36.115	ng	96
4) n-Nitrosodimethylamine	3.78	42	29735	42.472	ng	# 92
6) Aniline	7.34	93	62969	26.919	ng	98
8) 2-Chlorophenol	7.59	128	70976	45.555	ng	99
9) Benzaldehyde	7.15	77	20570	20.612	ng	99
10) Phenol	7.24	94	87137	46.959	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	60164	41.936	ng	95
12) 1,3-Dichlorobenzene	7.90	146	78624	40.277	ng	97
13) 1,4-Dichlorobenzene	8.04	146	79818	40.414	ng	98
14) 1,2-Dichlorobenzene	8.36	146	76909	39.883	ng	99
15) Benzyl Alcohol	8.26	79	59797	41.929	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	76519	36.681	ng	94
17) 2-Methylphenol	8.48	107	60512	44.733	ng	96
18) Hexachloroethane	9.09	117	27352	38.386	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	51006	38.871	ng	94
20) 3+4-Methylphenols	8.81	107	80493	43.394	ng	87
22) Acetophenone	8.83	105	103677	38.790	ng	# 92
24) Nitrobenzene	9.21	77	77787	40.335	ng	# 95
25) Isophorone	9.73	82	144375	39.007	ng	99
26) 2-Nitrophenol	9.93	139	40482	43.480	ng	# 91
27) 2,4-Dimethylphenol	10.01	122	67019	50.222	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	76607	37.501	ng	98
29) 2,4-Dichlorophenol	10.48	162	75178	43.969	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	83824	38.898	ng	97
31) Naphthalene	10.86	128	216647	40.894	ng	98
32) Benzoic acid	10.18	122	35843	37.594	ng	91
33) 4-Chloroaniline	10.99	127	59575	27.434	ng	97
34) Hexachlorobutadiene	11.15	225	58515	36.733	ng	91
35) Caprolactam	11.75	113	23037	39.121	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	79777	42.775	ng	100
37) 2-Methylnaphthalene	12.47	142	160954	39.597	ng	97
38) 1-Methylnaphthalene	12.69	142	157530	40.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	107909	36.919	ng	99

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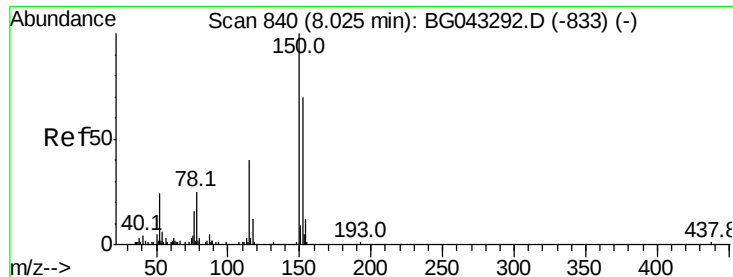
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	67982	44.277	nq	94
43) 2,4,6-Trichlorophenol	13.08	196	70613	41.024	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	76442	43.928	nq	99
46) 1,1'-Biphenyl	13.47	154	223882	37.263	nq	97
47) 2-Chloronaphthalene	13.51	162	170694	37.339	nq	99
48) 2-Nitroaniline	13.73	65	53662	39.275	nq	96
49) Acenaphthylene	14.36	152	284340	39.965	nq	99
50) Dimethylphthalate	14.10	163	234991	38.414	nq	97
51) 2,6-Dinitrotoluene	14.21	165	53080	39.941	nq	93
52) Acenaphthene	14.70	154	164992	38.027	nq	96
53) 3-Nitroaniline	14.56	138	36269	28.267	nq	98
54) 2,4-Dinitrophenol	14.76	184	53333	65.698	nq	96
55) Dibenzofuran	15.04	168	277272	39.407	nq	98
56) 4-Nitrophenol	14.91	139	78060	90.784	nq	95
57) 2,4-Dinitrotoluene	15.01	165	76449	40.252	nq	96
58) Fluorene	15.69	166	228068	38.647	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	74149	40.105	nq	96
60) Diethylphthalate	15.45	149	233730	38.026	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	132490	38.485	nq	99
62) 4-Nitroaniline	15.72	138	50604	38.188	nq	94
63) Azobenzene	15.97	77	193525	38.903	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	45692	41.157	nq	93
66) n-Nitrosodiphenylamine	15.89	169	205982	38.675	nq	96
67) 4-Bromophenyl-phenylether	16.57	248	93801	36.948	nq	97
68) Hexachlorobenzene	16.69	284	105234	36.111	nq	95
69) Atrazine	16.85	200	87200	47.119	nq	96
70) Pentachlorophenol	17.05	266	96687	72.814	nq	99
71) Phenanthrene	17.43	178	374779	38.797	nq	99
72) Anthracene	17.52	178	383779	39.708	nq	97
73) Carbazole	17.80	167	354654	40.521	nq	99
74) Di-n-butylphthalate	18.34	149	418858	39.441	nq	99
75) Fluoranthene	19.44	202	509877	40.487	nq	98
77) Benzidine	19.63	184	81550	18.873	nq	96
78) Pyrene	19.80	202	523513	39.392	nq	99
80) Butylbenzylphthalate	20.68	149	193476	38.427	nq	97
81) Benzo(a)anthracene	21.63	228	526213	39.127	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	169838	32.651	nq	98
83) Chrysene	21.70	228	511870	38.307	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	284716	39.808	nq	100
85) Di-n-octyl phthalate	22.73	149	473774	39.044	nq	98
86) Indeno(1,2,3-cd)pyrene	28.48	276	633565	37.773	nq	99
88) Benzo(b)fluoranthene	23.83	252	536909	51.511	nq	98
89) Benzo(k)fluoranthene	23.90	252	543261	51.773	nq	97
90) Benzo(a)pyrene	24.69	252	491169	49.347	nq	98
91) Dibenzo(a,h)anthracene	28.55	278	543463	53.381	nq	99
92) Benzo(g,h,i)perylene	29.63	276	529032m	52.680	nq	

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



#1

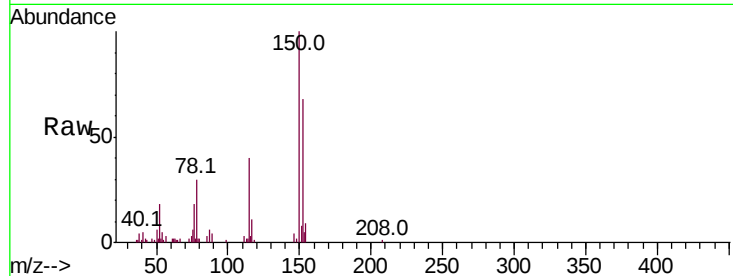
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	129.4	194.0
115	58.3	48.8	73.2

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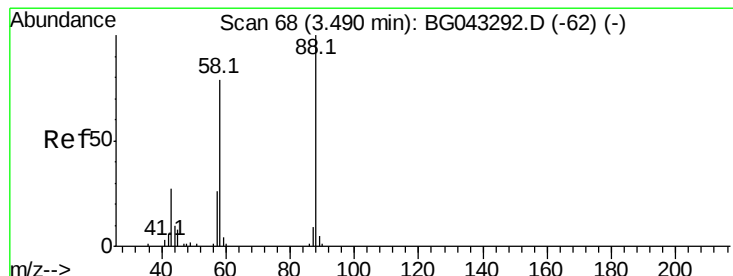
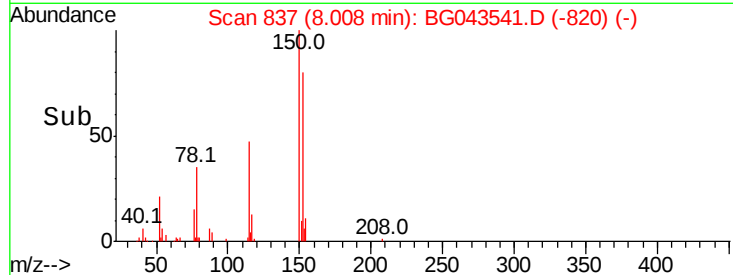
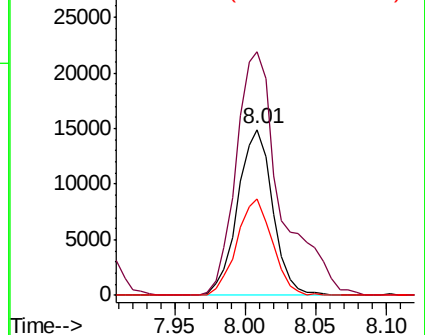


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

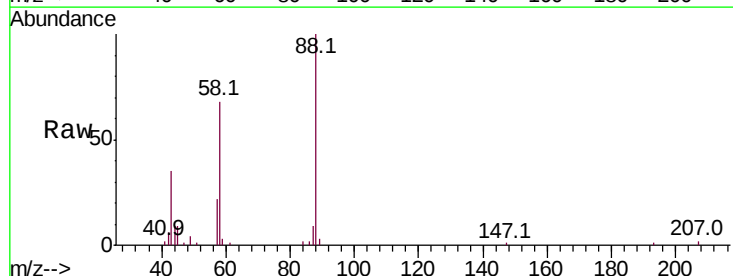
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.189 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	62.7	94.1
43	32.6	23.7	35.5

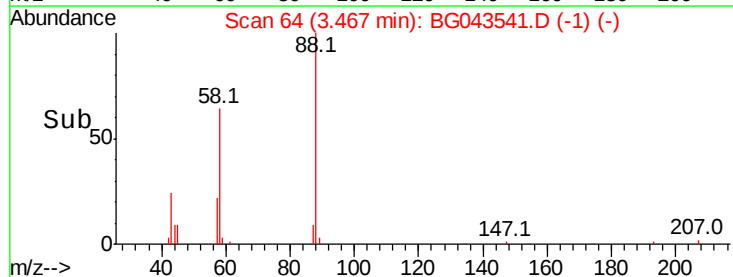
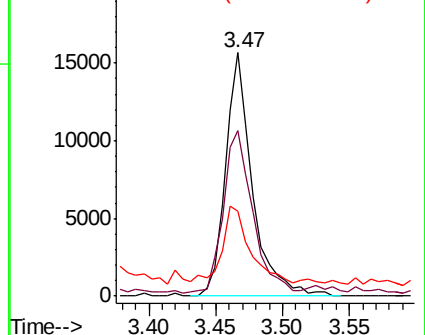


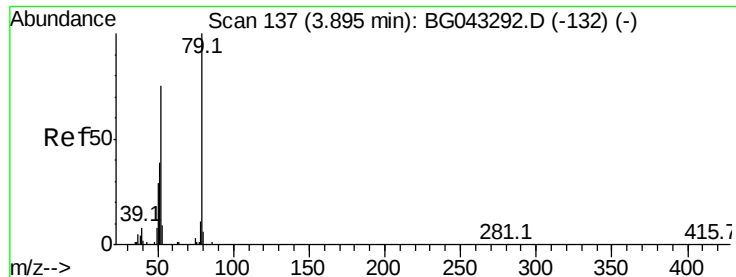
Abundance

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: 36.115 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

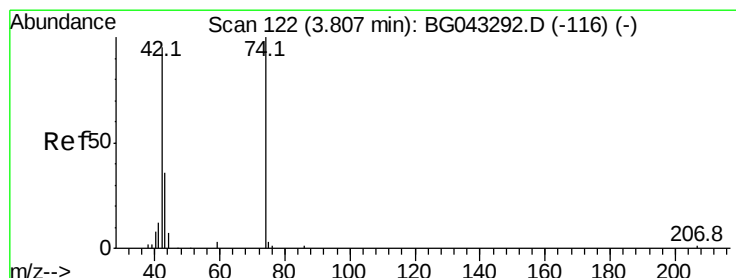
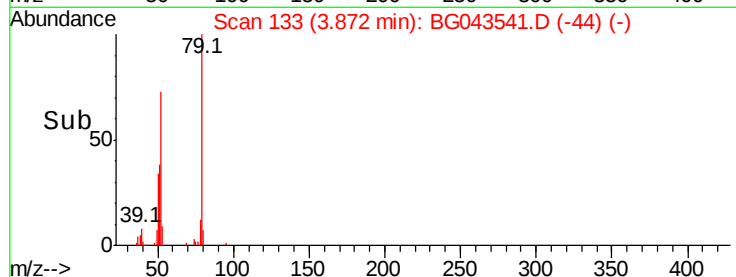
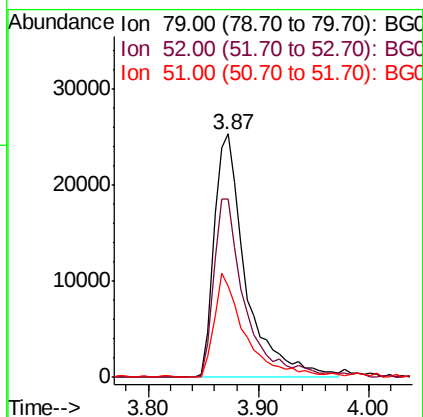
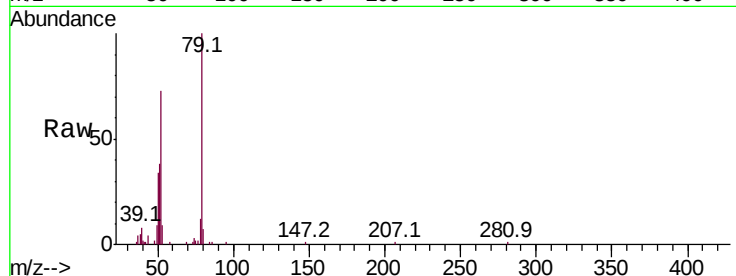
ClientSampleId :

PB124591BS

Tot Ion:	79	Resp:	50107
Ion Ratio	Lower	Upper	
79	100		
52	73.1	56.5	84.7
51	37.6	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 42.472 ng

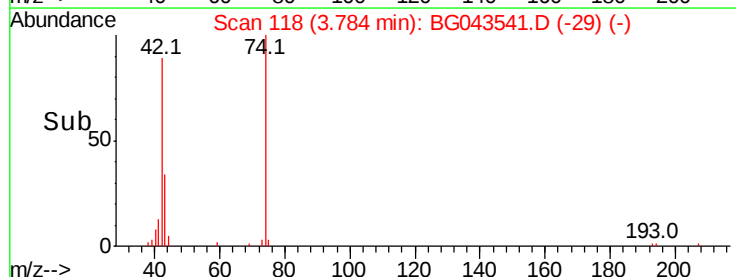
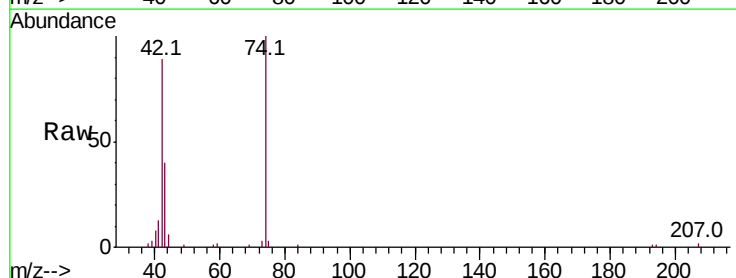
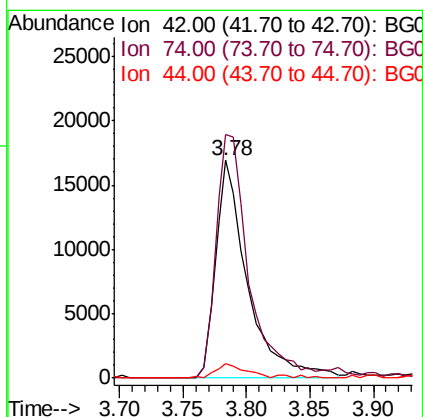
RT: 3.78 min Scan# 118

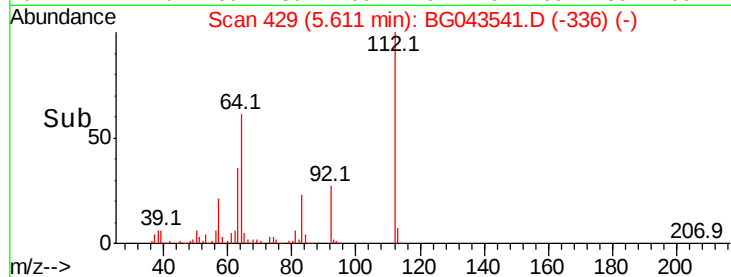
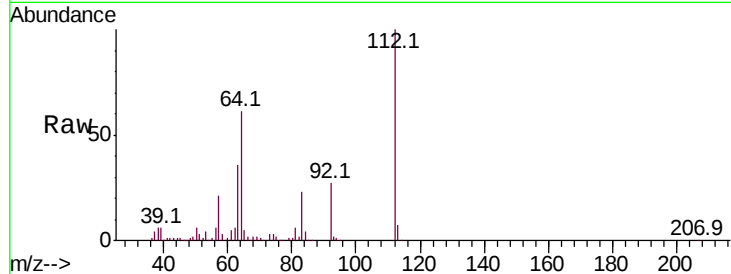
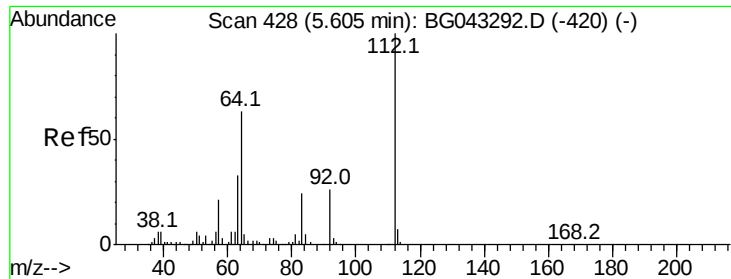
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	42	Resp:	29735
Ion Ratio	Lower	Upper	
42	100		
74	111.9	97.3	145.9
44	6.7	4.4	6.6#





#5

2-Fluorophenol

Concen: 125.385 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tot Ion:	112	Resp:	176967
Ion Ratio	Lower	Upper	
112	100		
64	61.3	50.0	75.0
63	36.4	26.6	40.0

Instrument :

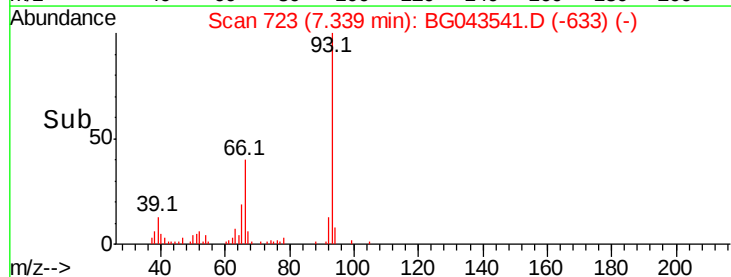
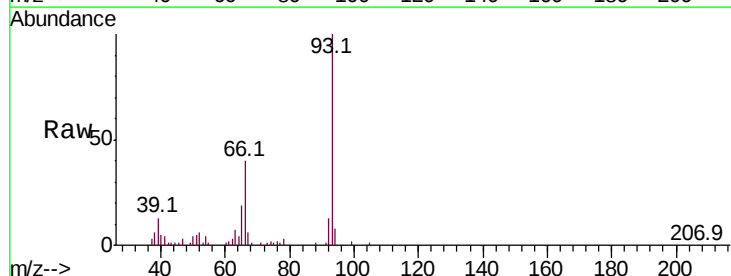
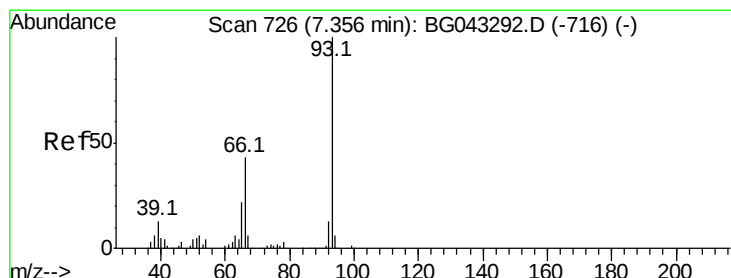
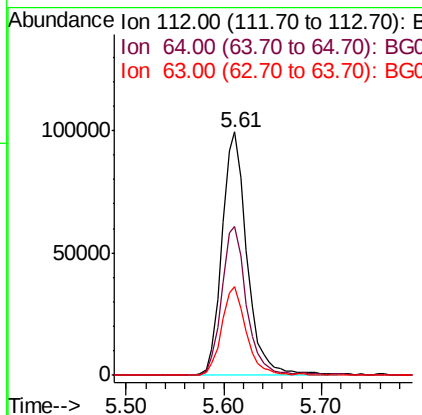
BNA_G

ClientSampled :

PB124591BS

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#6

Aniline

Concen: 26.919 ng

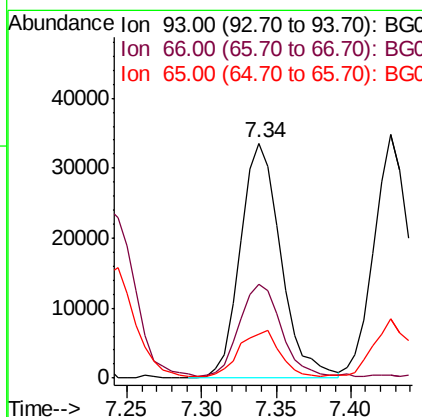
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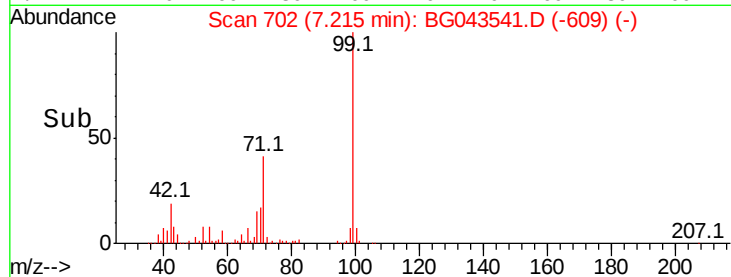
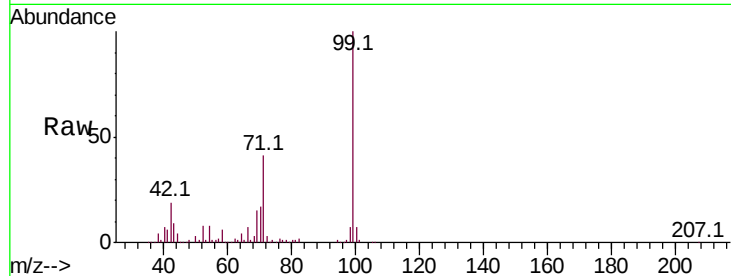
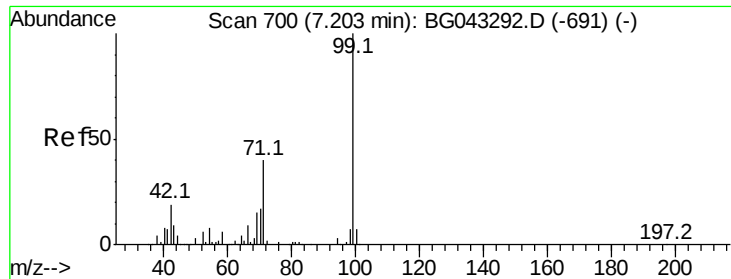
Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	93	Resp:	62969
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.3	48.5
65	18.8	16.1	24.1





#7

Phenol-d6

Concen: 117.990 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tot Ion	99	Resp	239597
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.6	21.8
71	40.5	32.5	48.7

Instrument :

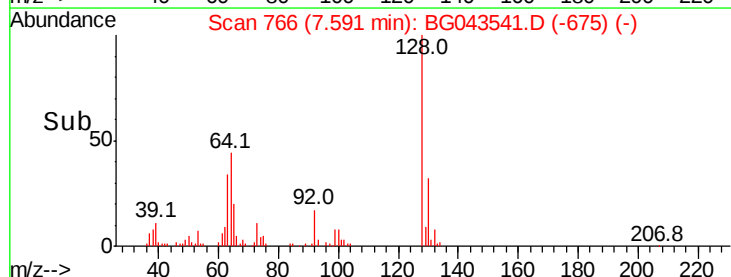
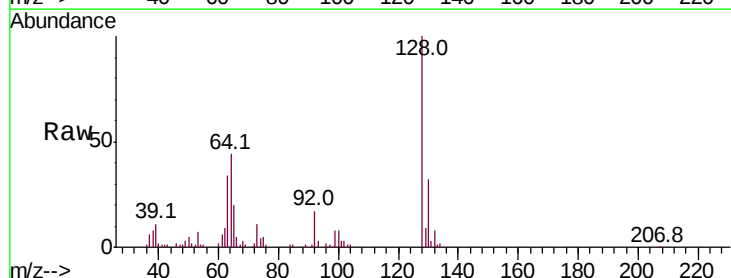
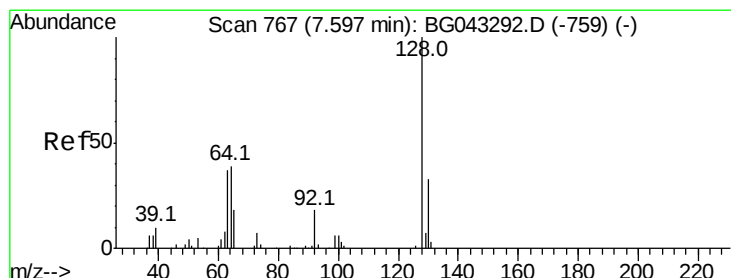
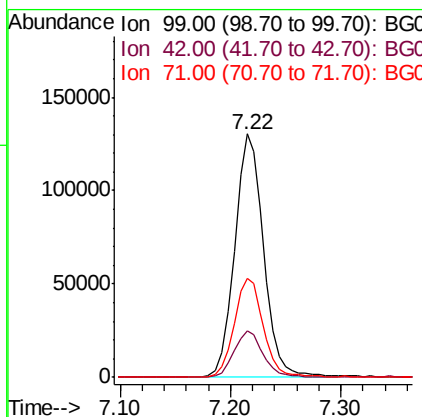
BNA_G

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#8

2-Chlorophenol

Concen: 45.555 ng

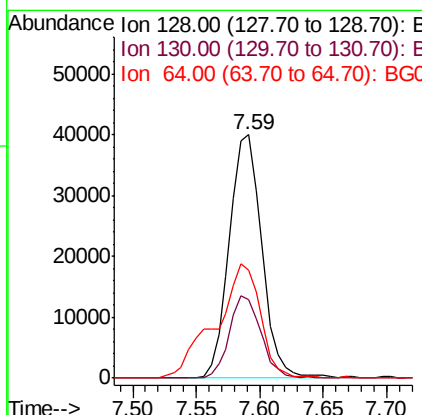
RT: 7.59 min Scan# 766

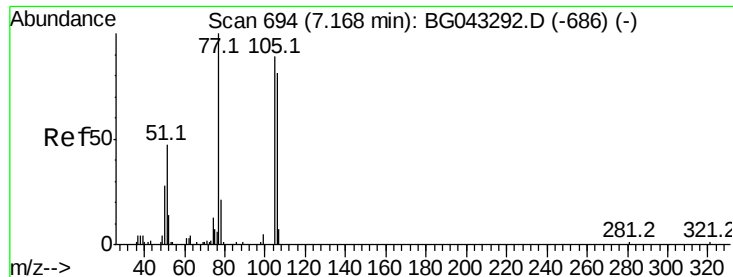
Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion	128	Resp	70976
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.5	52.5
64	44.4	25.3	65.3





#9

Benzaldehyde

Concen: 20.612 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

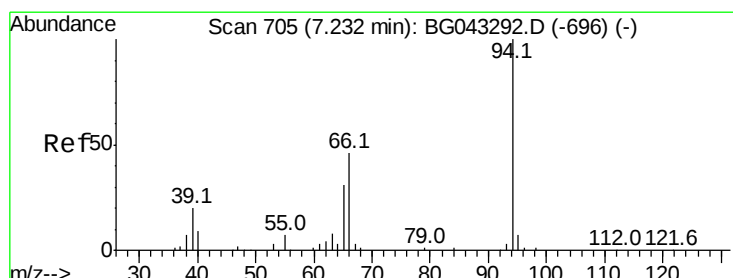
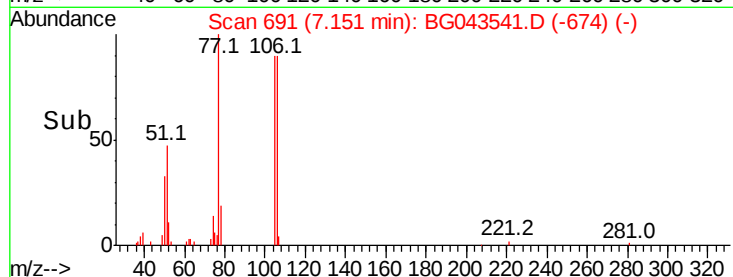
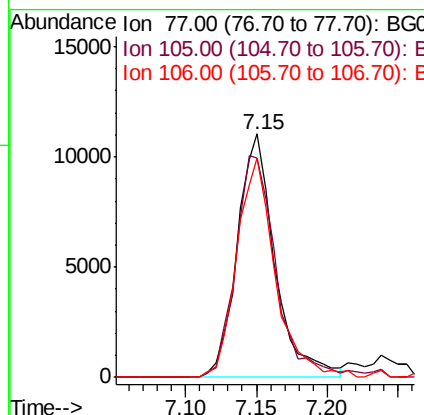
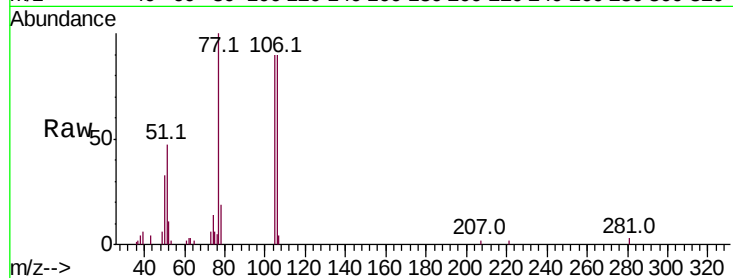
ClientSampleId :

PB124591BS

Tot Ion:	77	Resp:	20570
Ion	Ratio	Lower	Upper
77	100		
105	90.2	68.6	108.6
106	90.1	69.9	109.9

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#10

Phenol

Concen: 46.959 ng

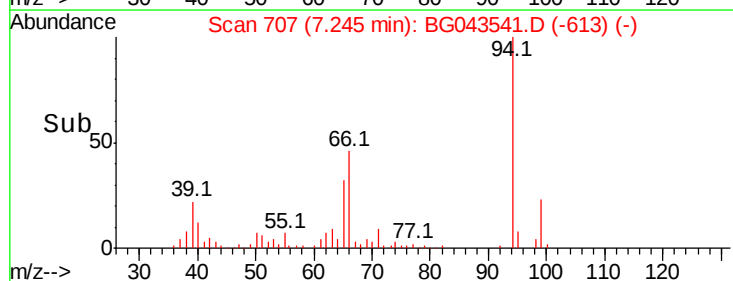
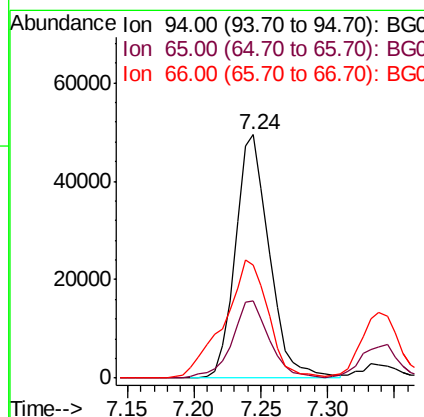
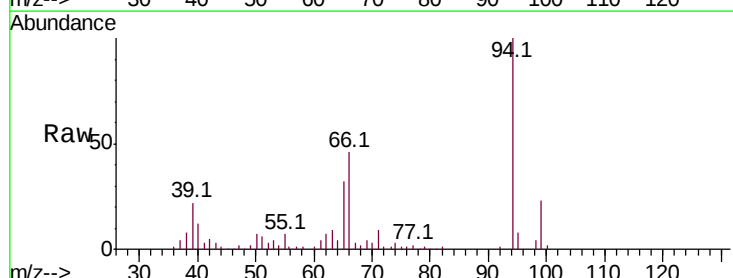
RT: 7.24 min Scan# 707

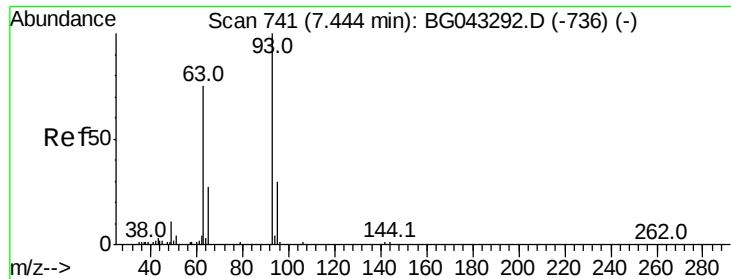
Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	94	Resp:	87137
Ion	Ratio	Lower	Upper
94	100		
65	31.7	12.6	52.6
66	46.4	30.7	70.7





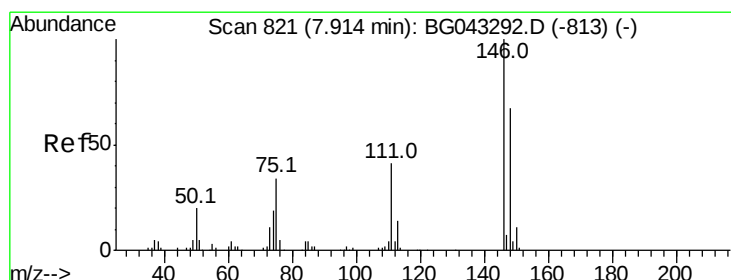
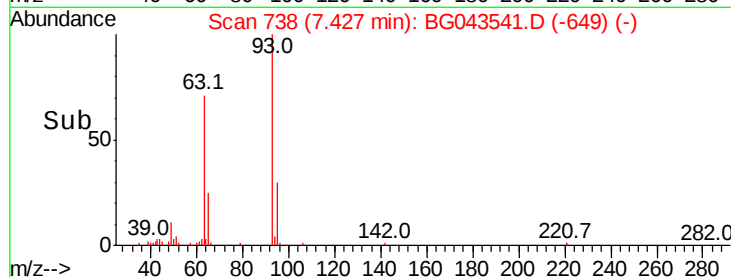
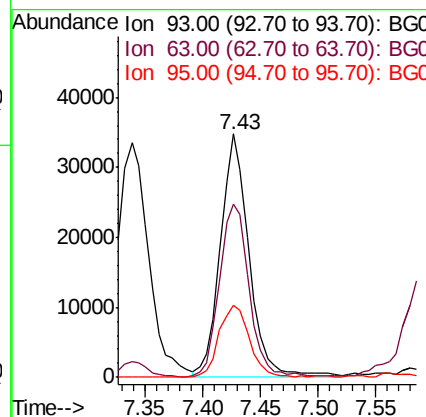
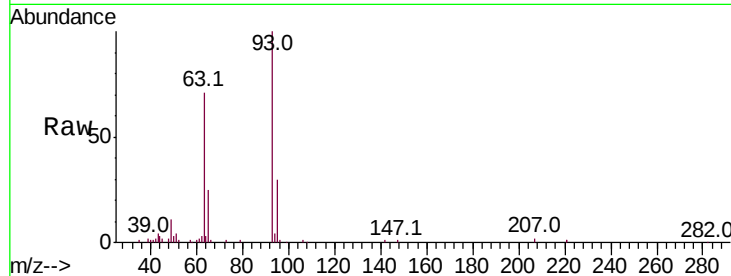
#11
bis(2-Chloroethyl)ether
Concen: 41.936 ng
RT: 7.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	56.3	96.3
95	29.9	12.2	52.2

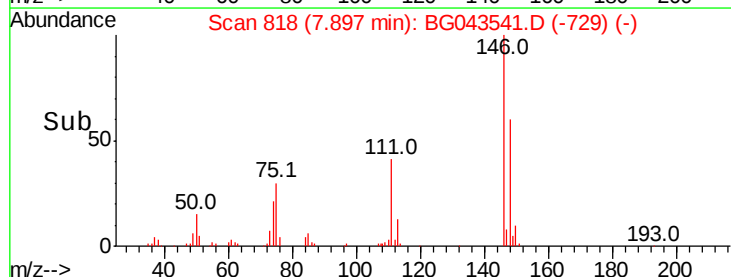
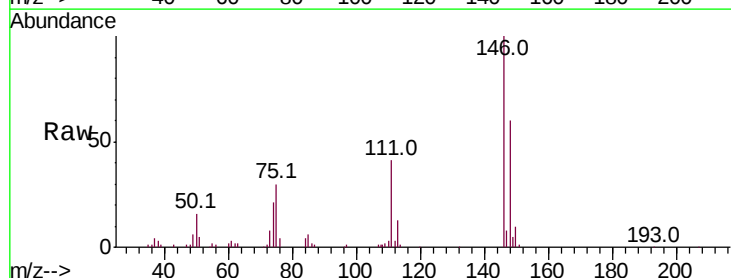
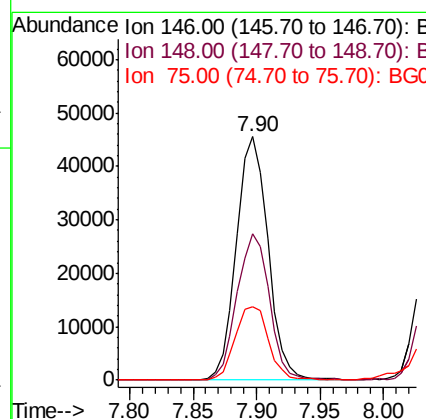
Manual Integrations
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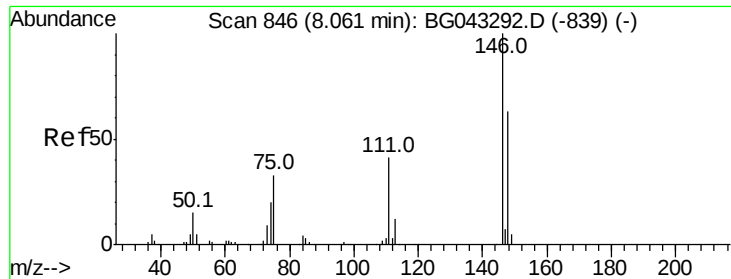
Sohil
11/8/2019 3:33:01 PM



#12
1,3-Dichlorobenzene
Concen: 40.277 ng
RT: 7.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.3	75.5
75	30.4	24.6	37.0





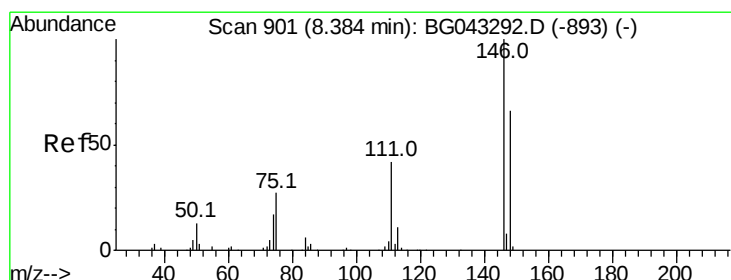
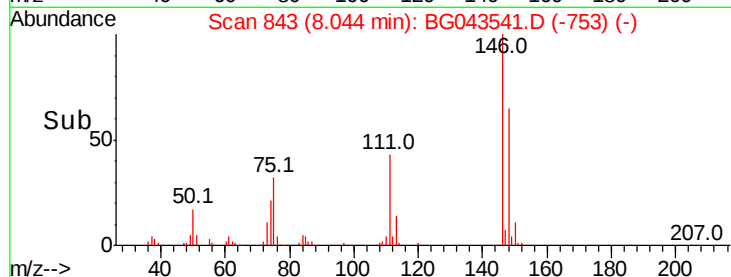
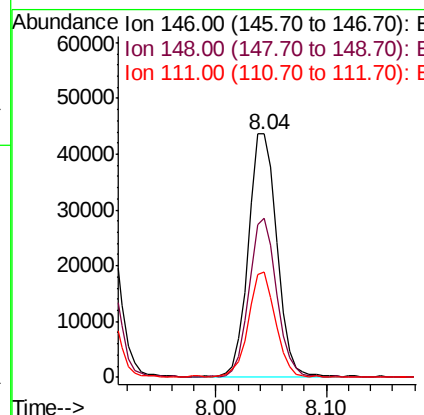
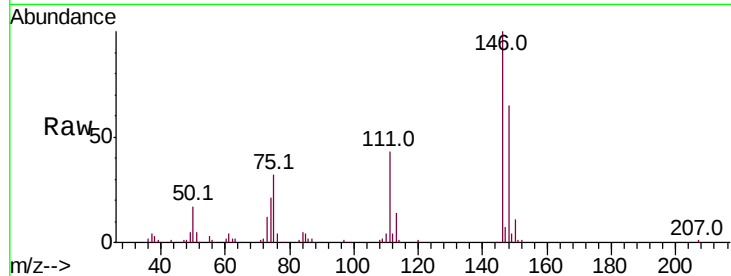
#13
1,4-Dichlorobenzene
Concen: 40.414 ng
RT: 8.04 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.7	76.1
111	43.1	33.4	50.2

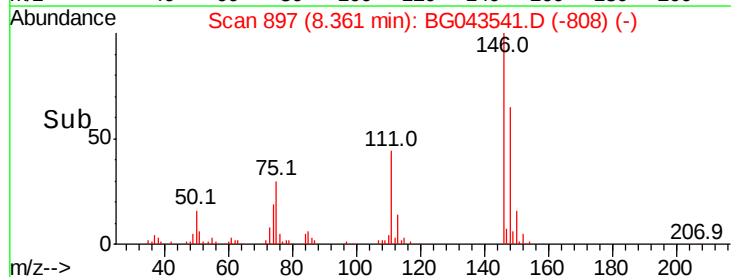
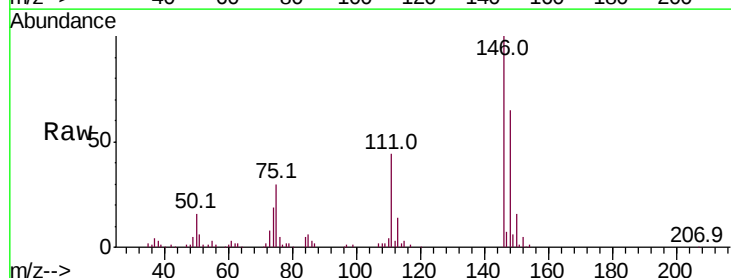
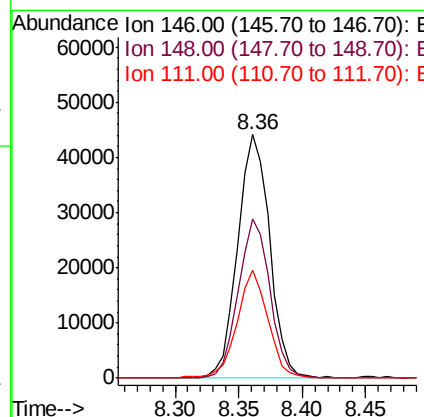
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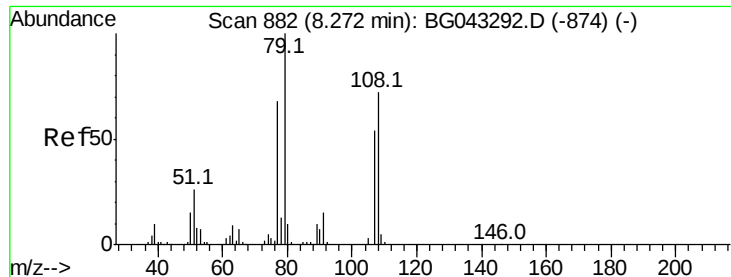
Sohil
11/8/2019 3:33:01 PM



#14
1,2-Dichlorobenzene
Concen: 39.883 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.2	79.8
111	44.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 41.929 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

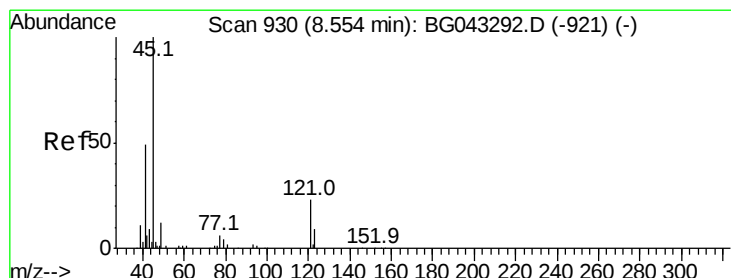
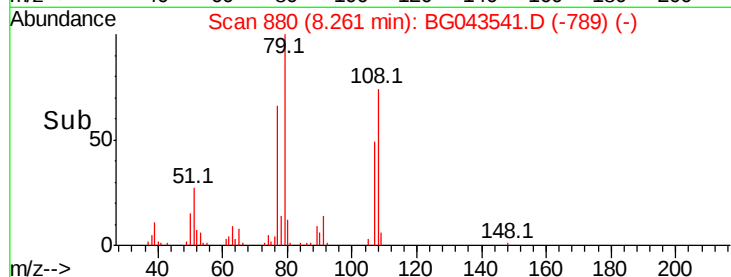
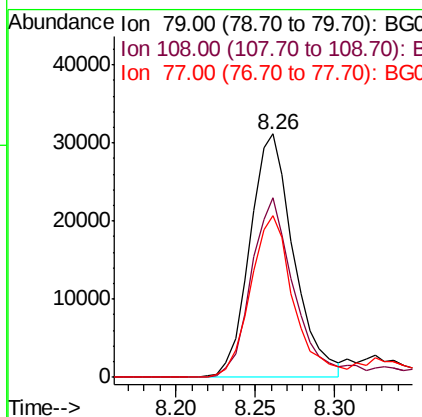
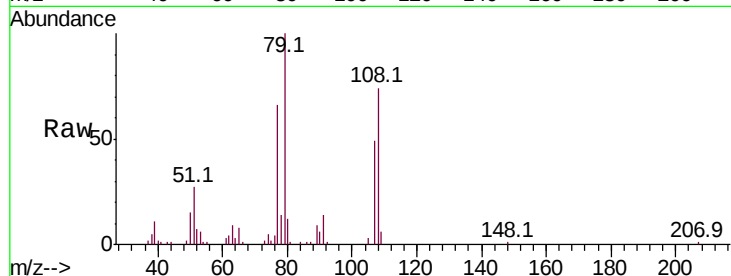
ClientSampleId :

PB124591BS

Tot Ion:	79	Resp:	59797
Ion Ratio	Lower	Upper	
79	100		
108	73.9	53.6	80.4
77	66.4	49.6	74.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.681 ng

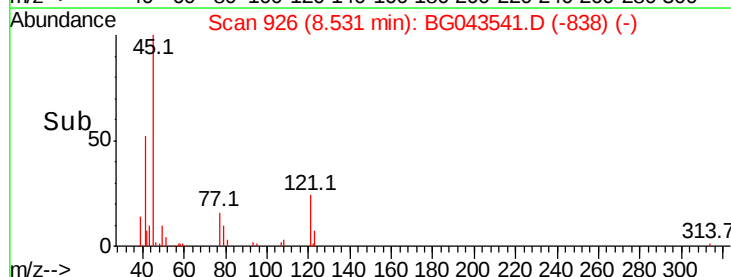
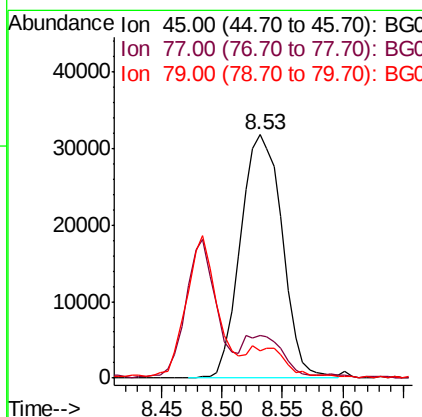
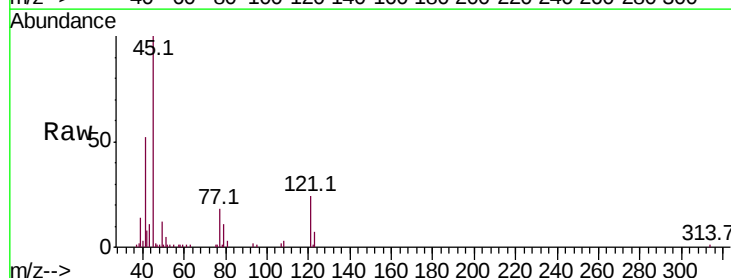
RT: 8.53 min Scan# 926

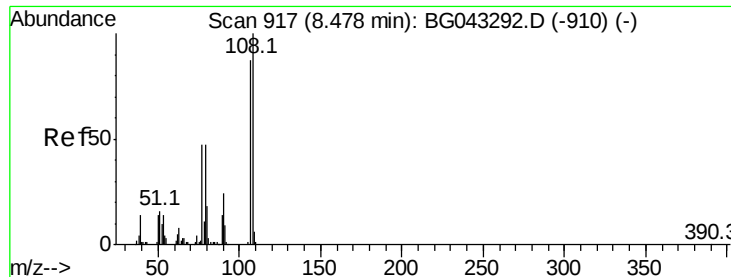
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	45	Resp:	76519
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	34.9
79	11.0	0.0	33.0





#17

2-Methylphenol

Concen: 44.733 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

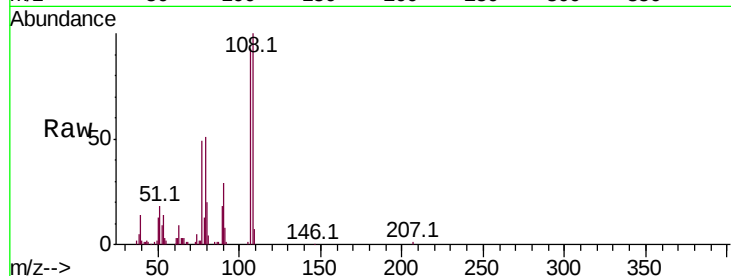
ClientSampleId :

PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	90.2	135.4	
77	53.2	40.2	60.2	
79	54.4	44.0	66.0	

Manual Integrations
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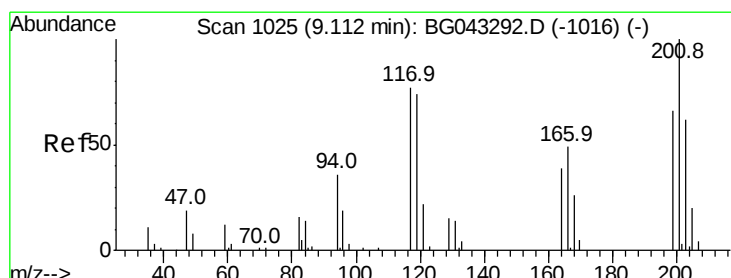
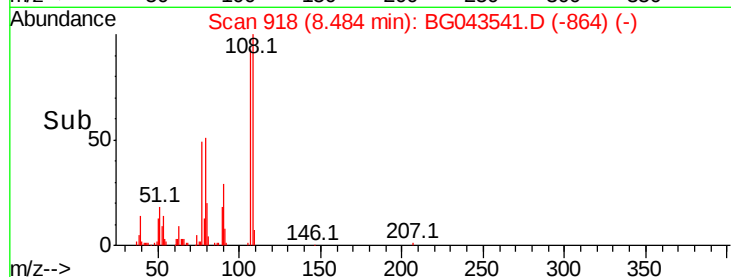
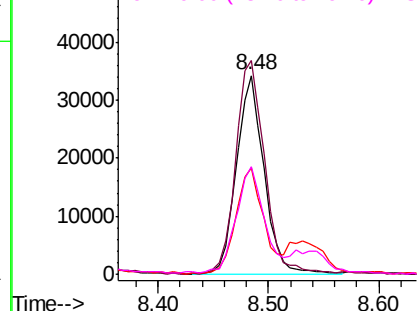
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.386 ng

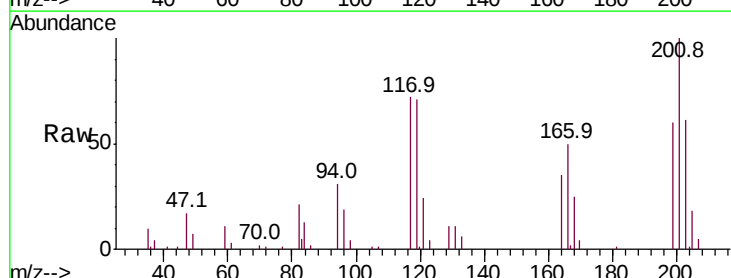
RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	79.0	118.4	
201	139.5	105.4	158.2	

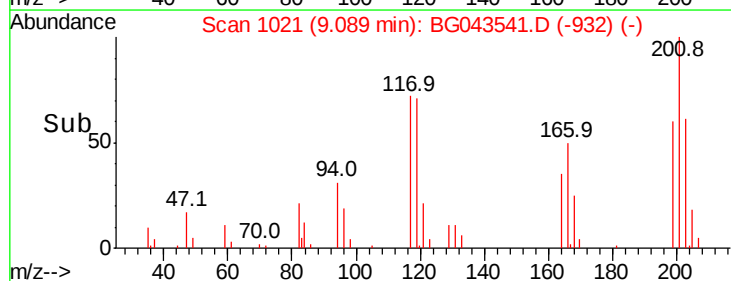
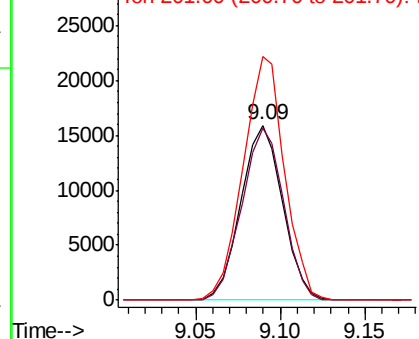


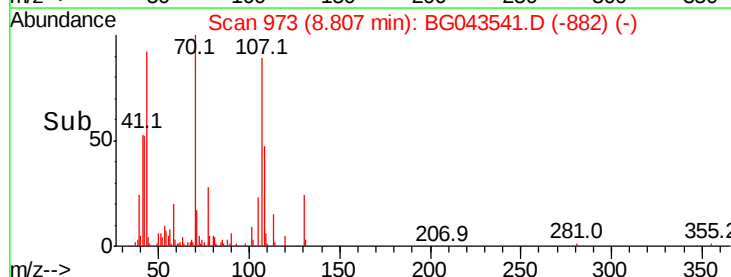
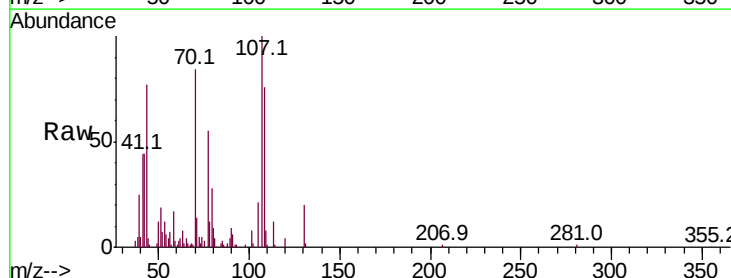
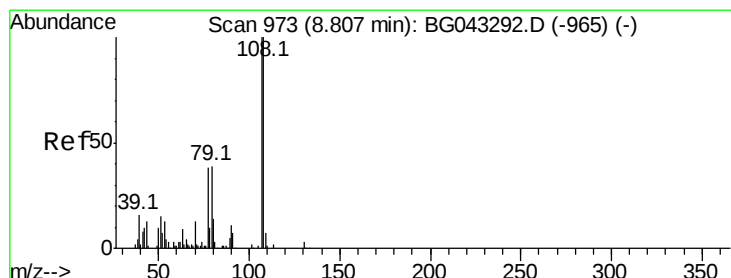
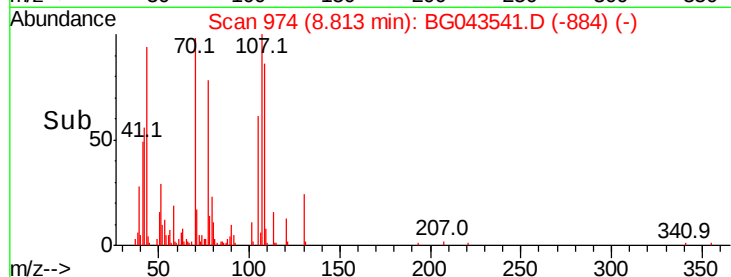
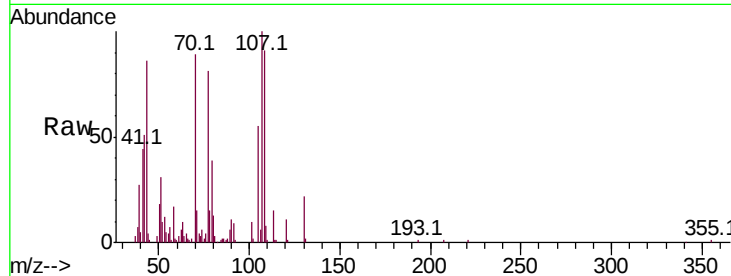
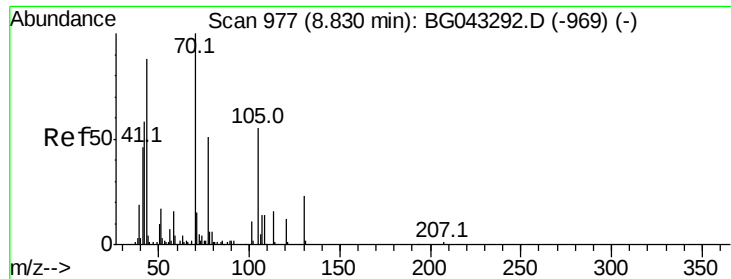
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

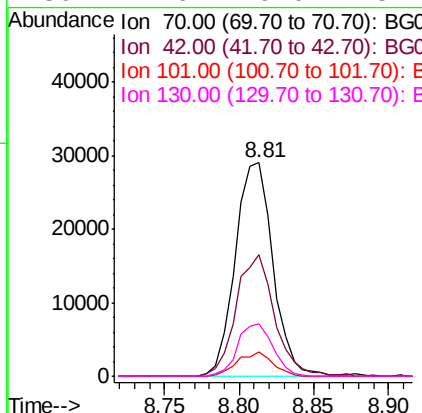
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.871 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.1	41.4	62.2		
101	11.5	7.9	11.9		
130	24.6	19.0	28.4		



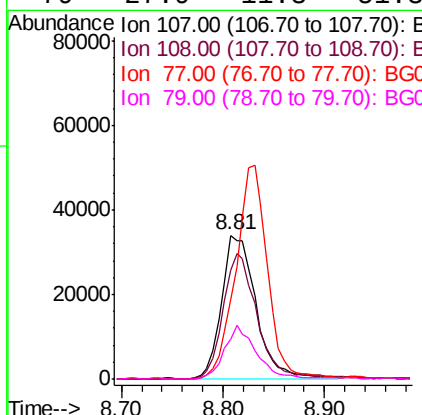
Instrument :
BNA_G
ClientSampleId :
PB124591BS

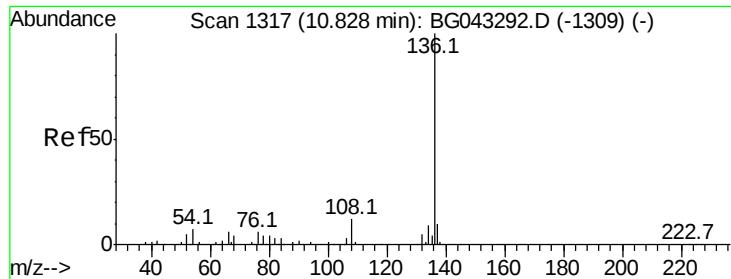
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11/8/2019 3:33:01 PM

#20
3+4-Methylphenols
Concen: 43.394 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	75.8	66.6	106.6		
77	54.7	20.9	60.9		
79	27.9	11.3	51.3		





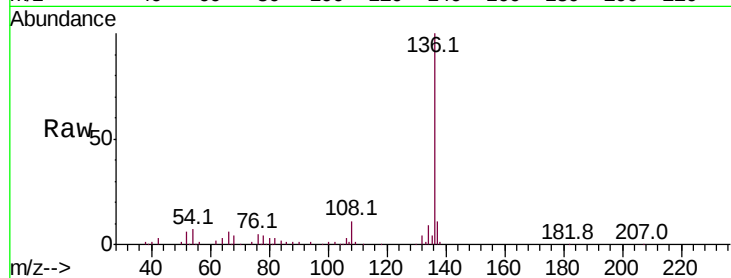
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	104369		
137	11.1	8.7	13.1	
54	7.3	5.4	8.2	
68	4.2	3.0	4.4	

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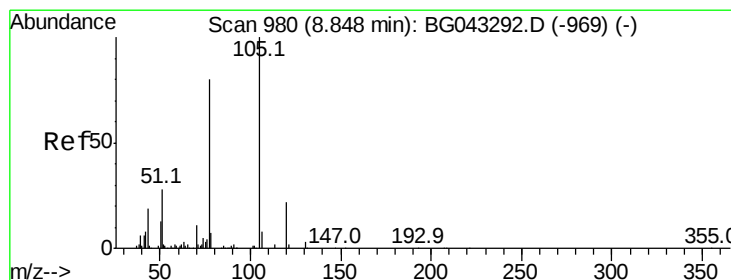
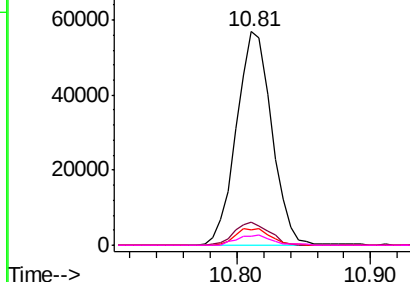
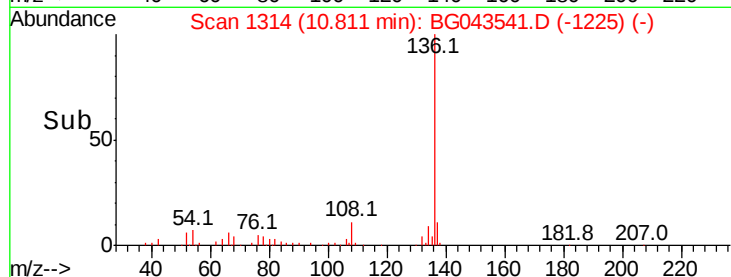
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

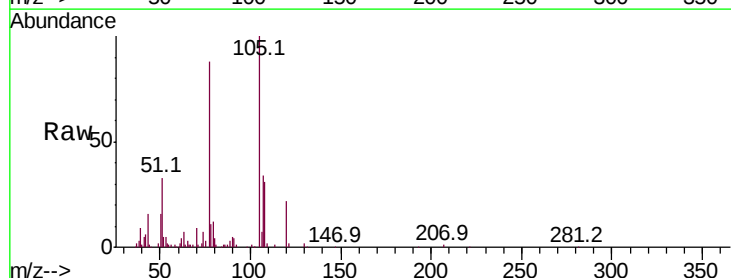
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.790 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	103677		
71	0.9	0.8	1.2	
51	33.3	21.0	31.4	
120	21.8	18.0	27.0	



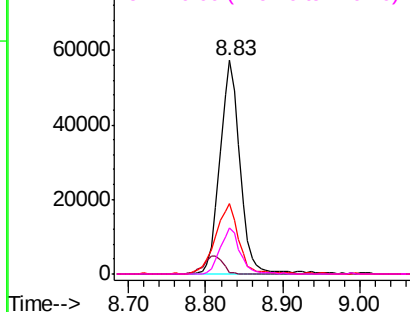
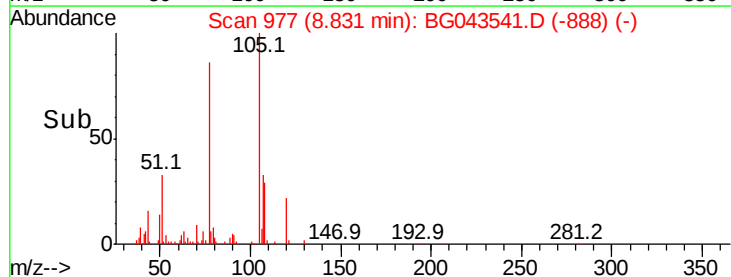
Abundance

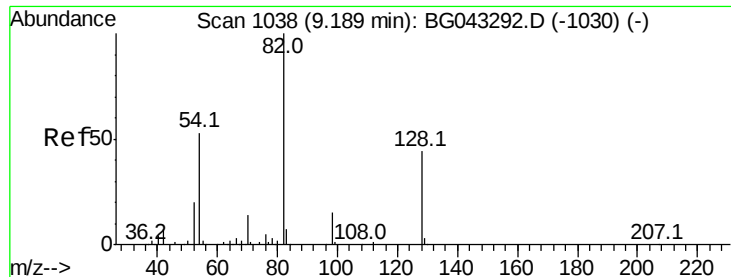
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





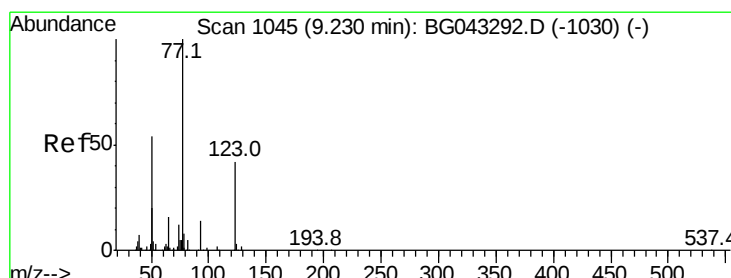
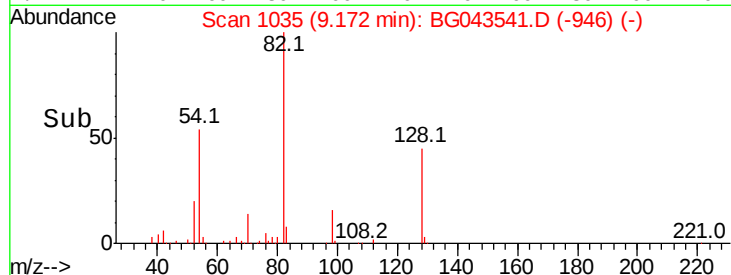
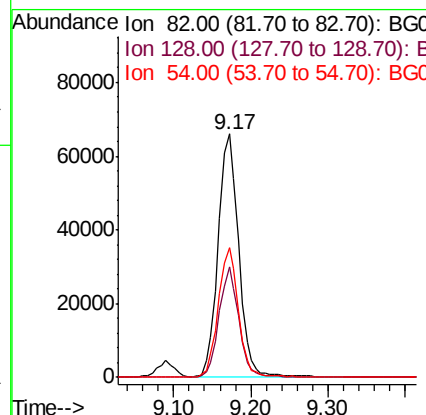
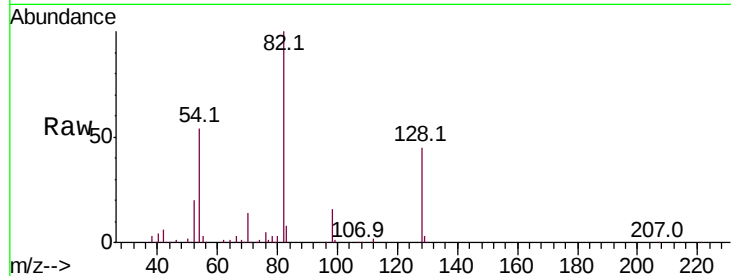
#23
 Nitrobenzene-d5
 Concen: 60.287 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampled :
 PB124591BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.0	52.6
54	53.5	40.2	60.2

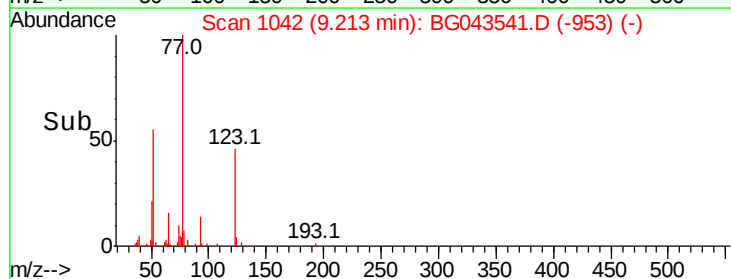
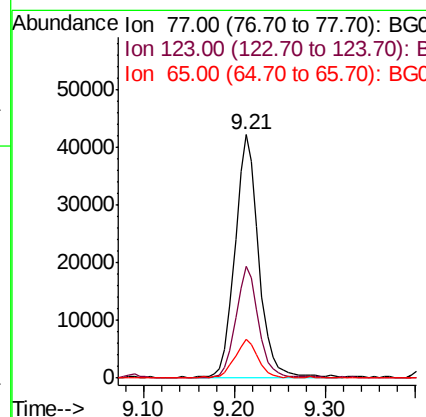
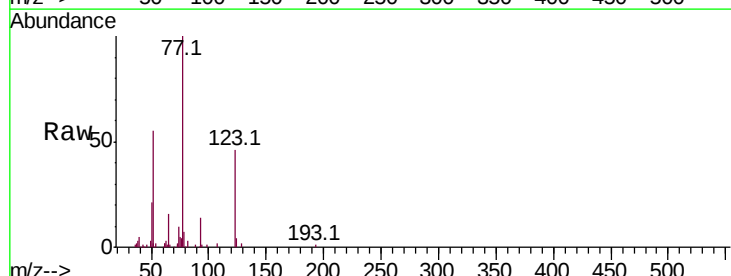
Manual Integrations
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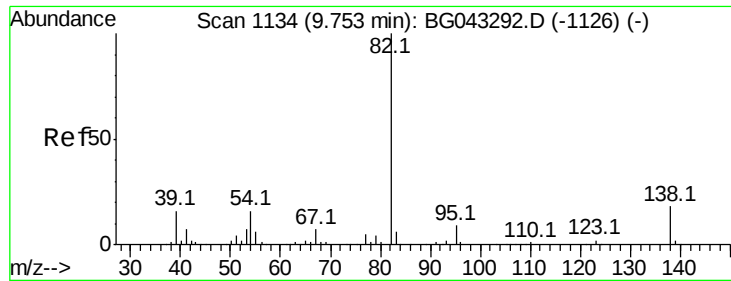
Sohil
 11/8/2019 3:33:01 PM



#24
 Nitrobenzene
 Concen: 40.335 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.0	52.6
65	16.0	9.5	14.3#





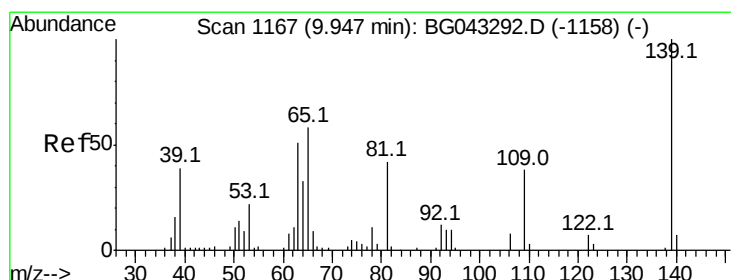
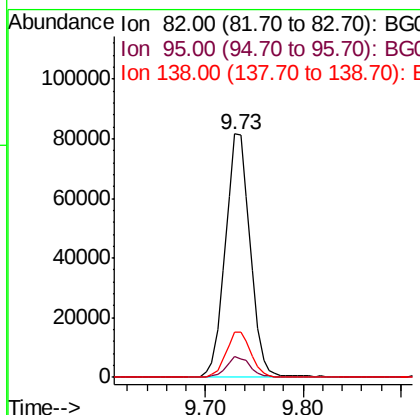
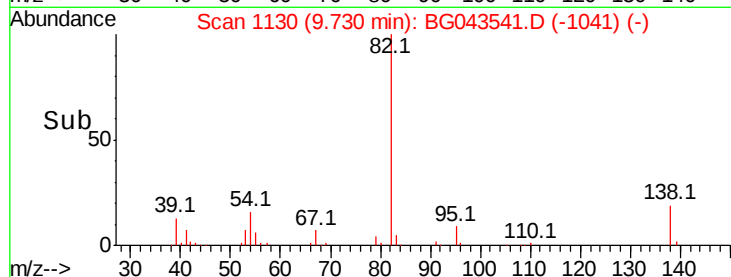
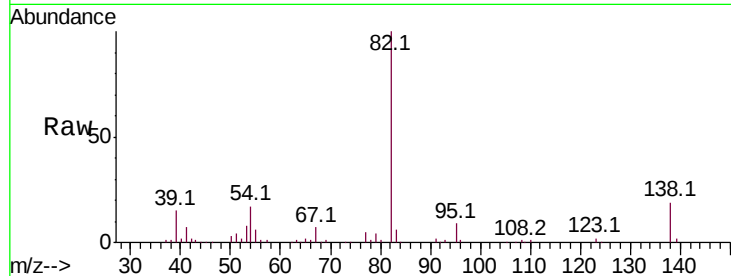
#25
Isophorone
Concen: 39.007 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampled :
PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.6	6.6	9.8	
138	18.8	15.2	22.8	

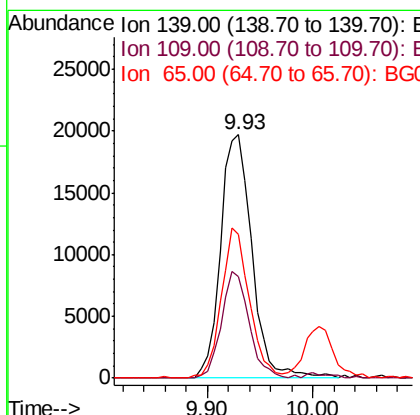
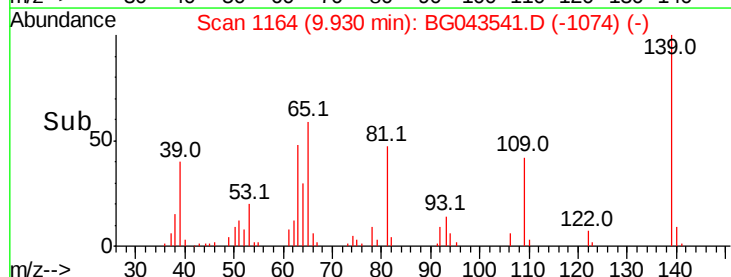
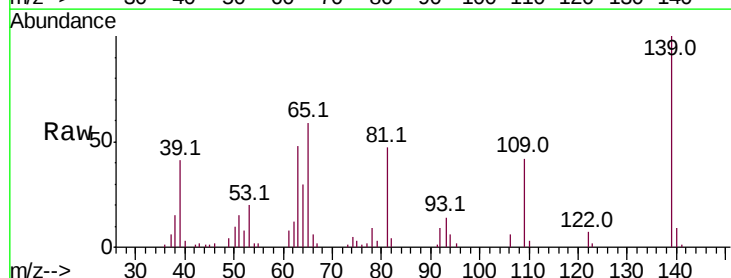
Manual Integrations
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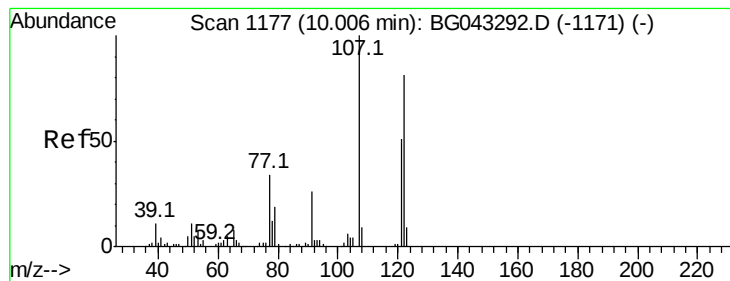
Sohil
11/8/2019 3:33:01 PM



#26
2-Nitrophenol
Concen: 43.480 ng
RT: 9.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.7	26.5	39.7#	
65	58.9	43.8	65.8	





#27

2,4-Dimethylphenol

Concen: 50.222 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

Tot Ion:122 Resp: 67019

Ion Ratio Lower Upper

122 100

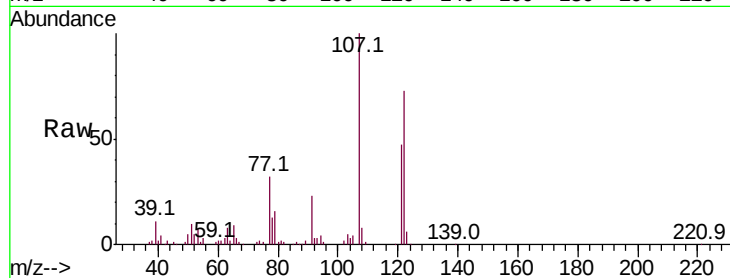
107 137.2 104.4 156.6

121 64.9 47.2 70.8

Manual Integrations
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Sohil

11/8/2019 3:33:01 PM

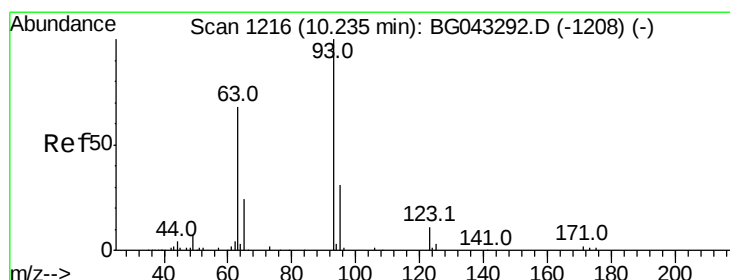
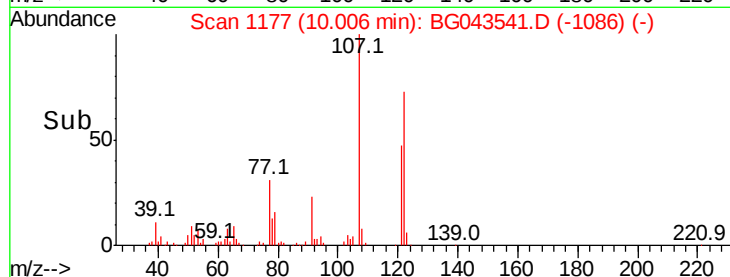
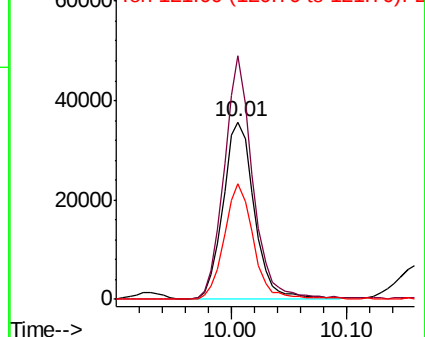


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.501 ng

RT: 10.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

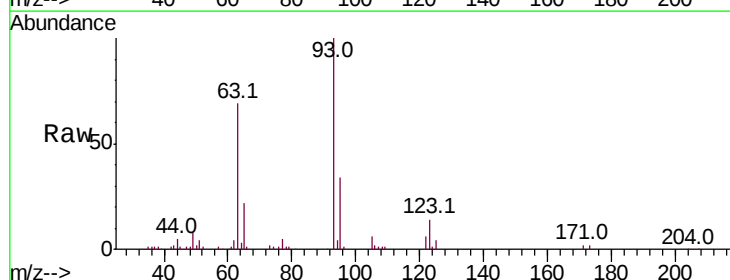
Tgt Ion: 93 Resp: 76607

Ion Ratio Lower Upper

93 100

95 33.7 26.0 39.0

123 14.0 10.6 15.8

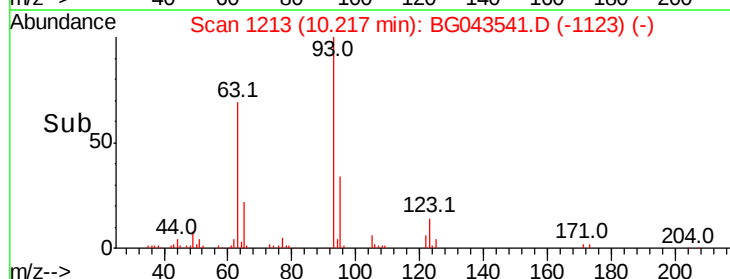
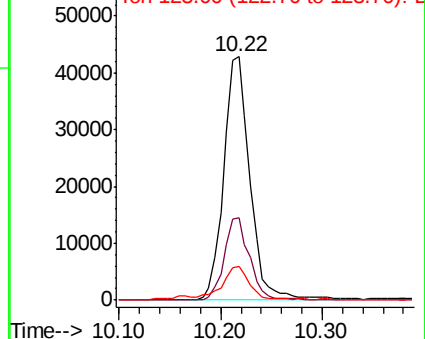


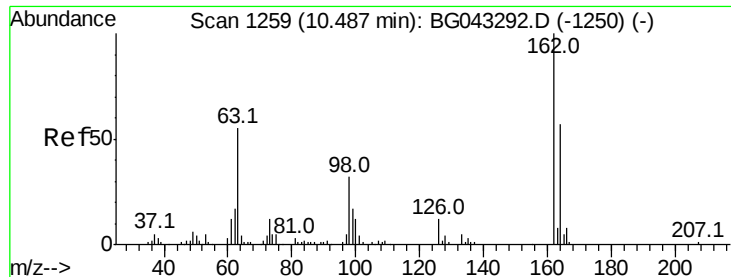
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.969 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

Tot Ion:162 Resp: 75178

Ion Ratio Lower Upper

162 100

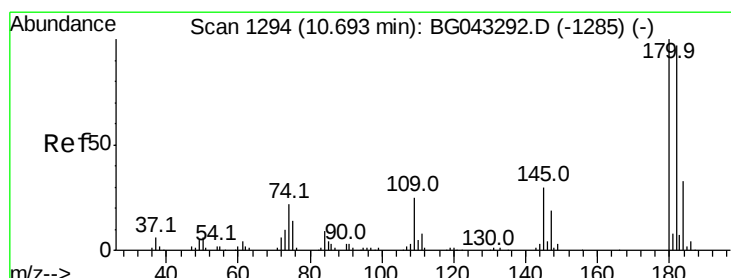
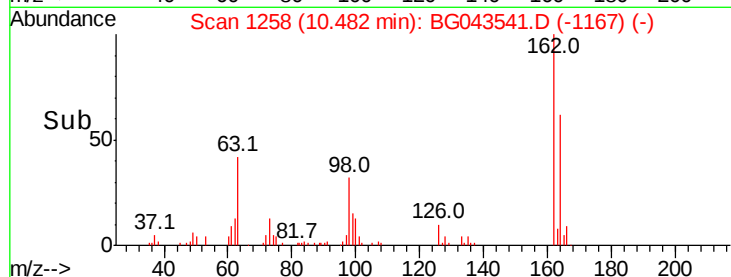
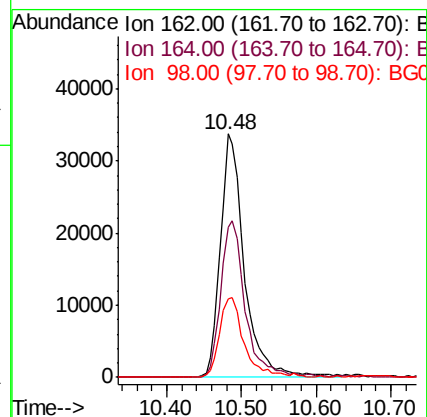
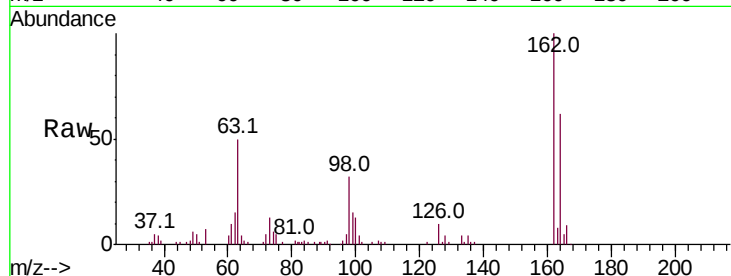
164 61.6 48.9 88.9

98 32.0 15.1 55.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.898 ng

RT: 10.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

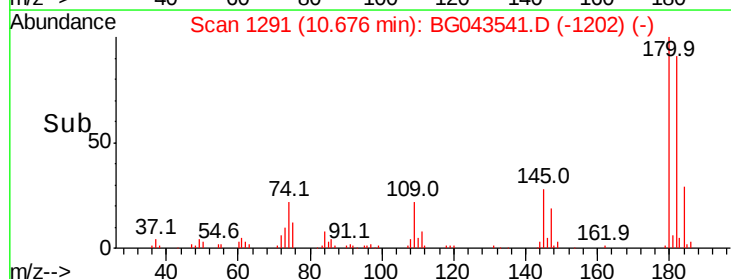
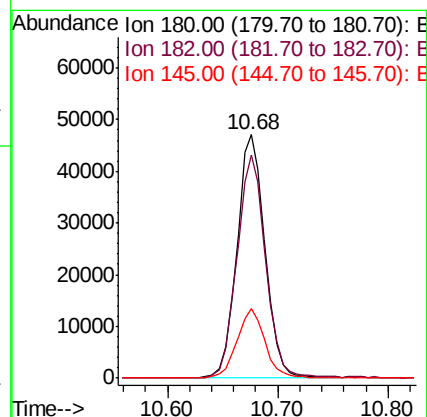
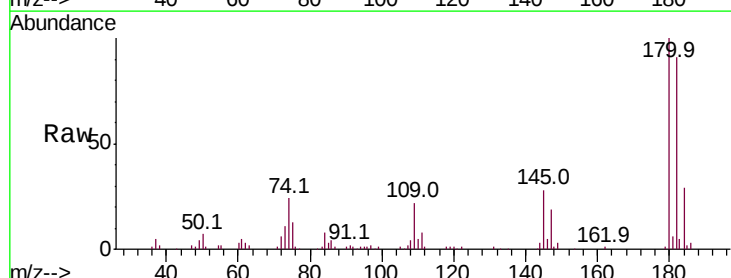
Tgt Ion:180 Resp: 83824

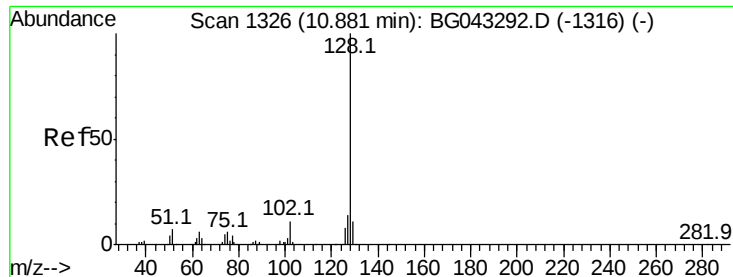
Ion Ratio Lower Upper

180 100

182 91.5 75.1 112.7

145 28.3 23.9 35.9





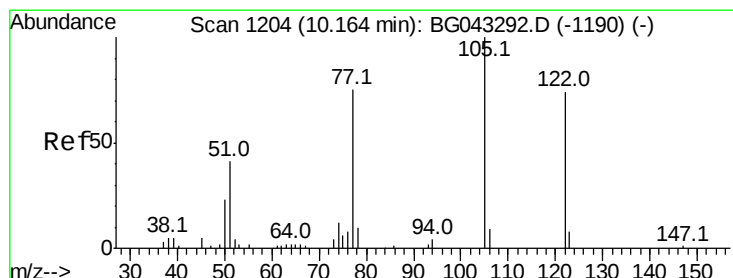
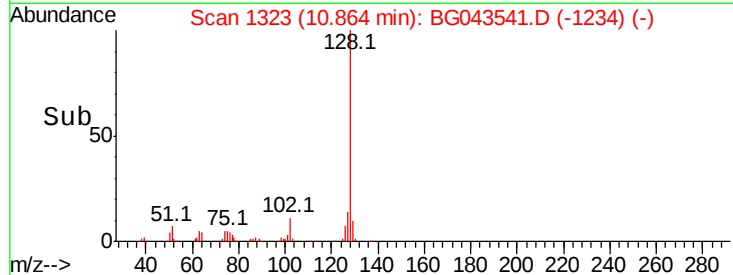
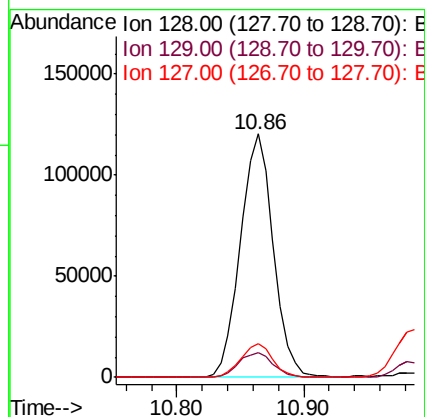
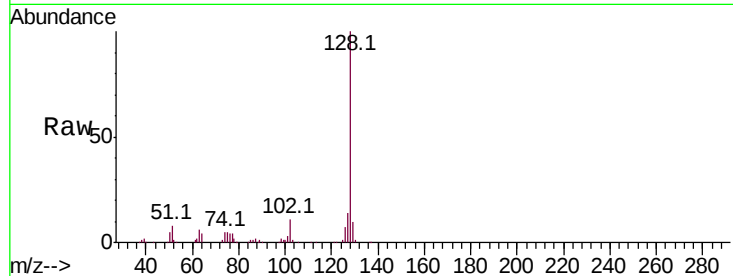
#31
Naphthalene
Concen: 40.894 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	216647		
129	10.1		9.4	14.0
127	13.9		11.1	16.7

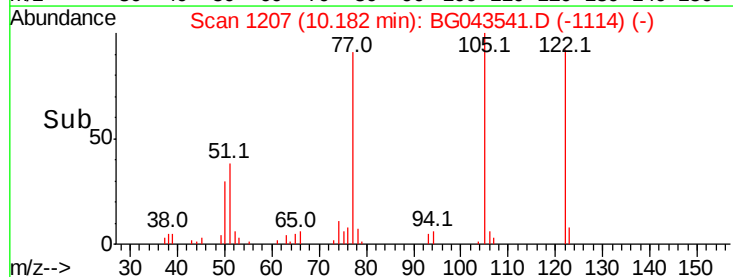
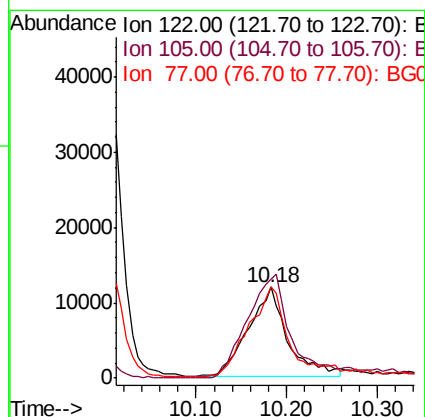
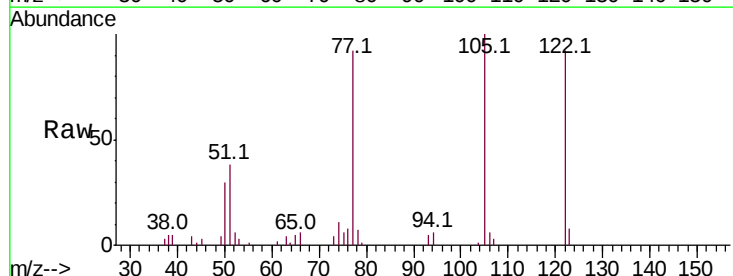
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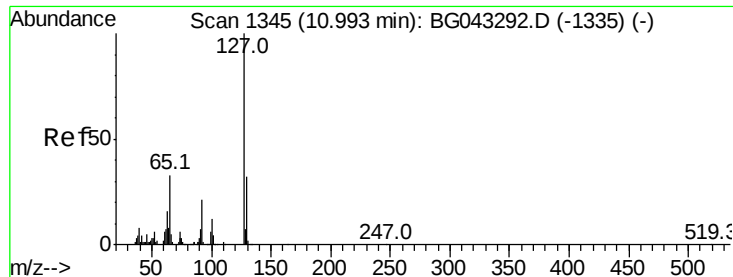
Sohil
11/8/2019 3:33:01 PM



#32
Benzoic acid
Concen: 37.594 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35843		
105	108.9		103.3	143.3
77	100.3		84.9	124.9





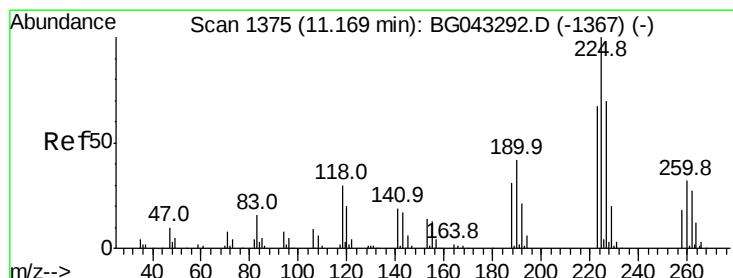
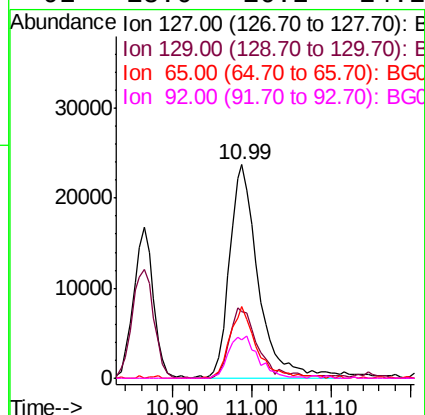
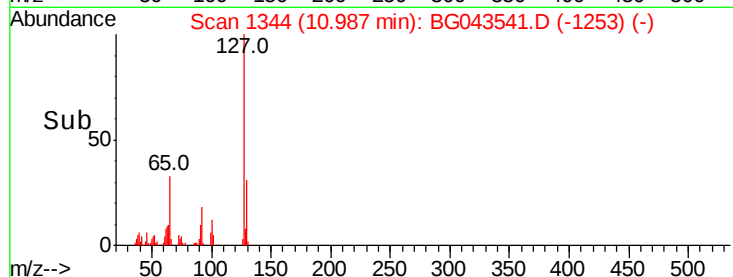
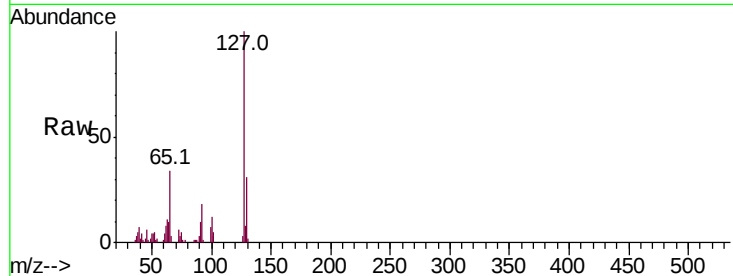
#33
4-Chloroaniline
Concen: 27.434 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.5	39.7
65	33.7	26.4	39.6
92	18.0	16.2	24.2

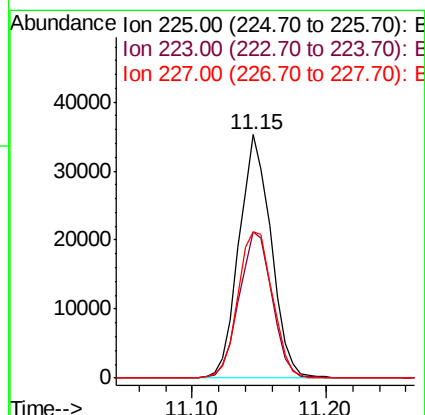
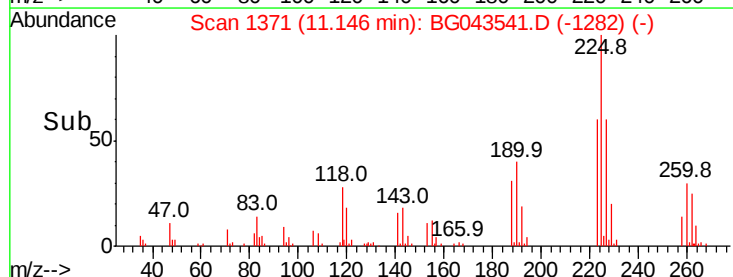
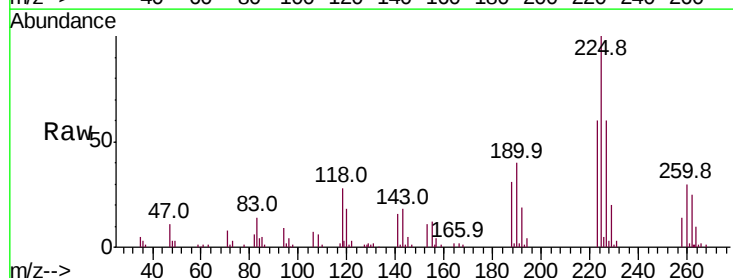
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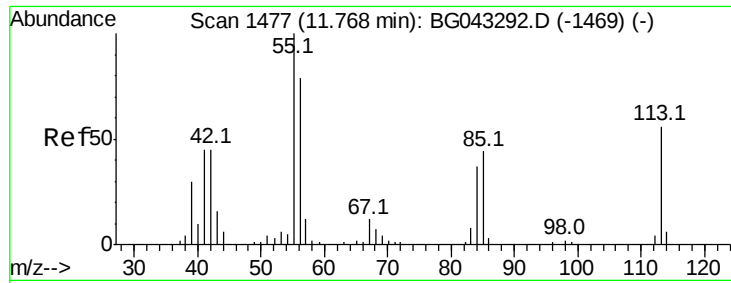
Sohil
11/8/2019 3:33:01 PM



#34
Hexachlorobutadiene
Concen: 36.733 ng
RT: 11.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	52.7	79.1
227	59.9	54.8	82.2





#35

Caprolactam

Concen: 39.121 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

PB124591BS

Tot Ion:113 Resp: 23037

Ion Ratio Lower Upper

113 100

55 154.8 134.1 174.1

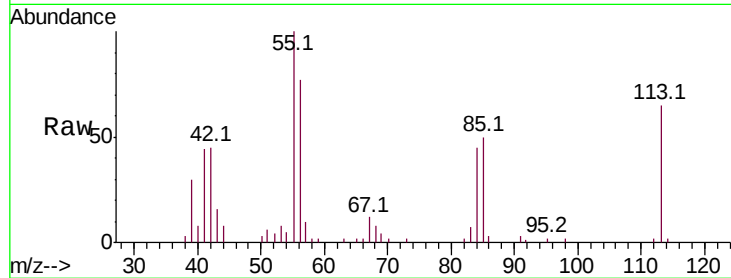
56 119.3 100.4 140.4

Manual Integrations

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Sohil

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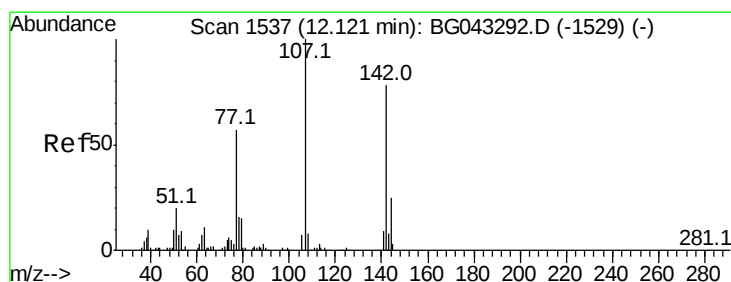
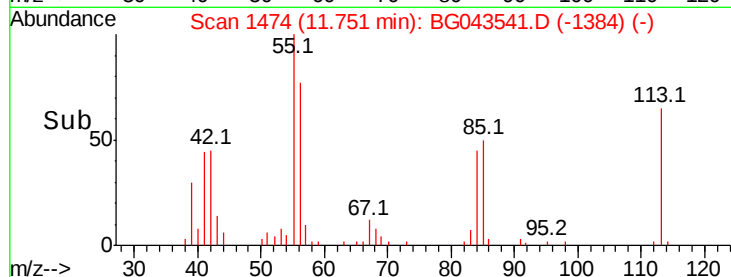
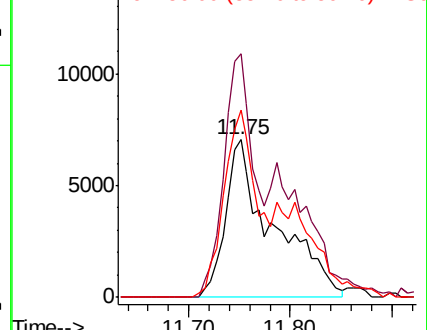


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.775 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

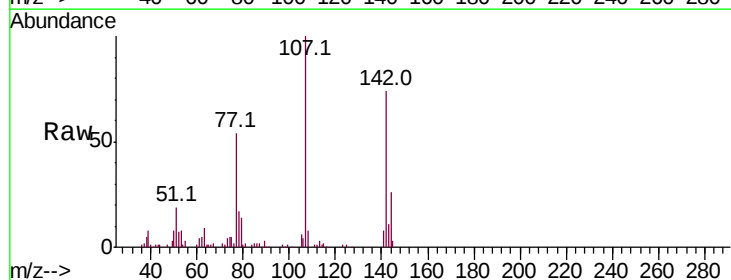
Tgt Ion:107 Resp: 79777

Ion Ratio Lower Upper

107 100

144 25.9 20.9 31.3

142 74.4 59.6 89.4

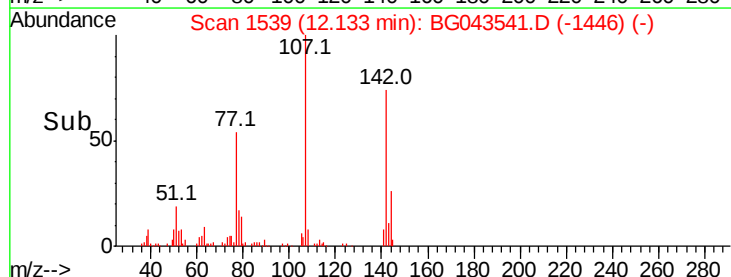
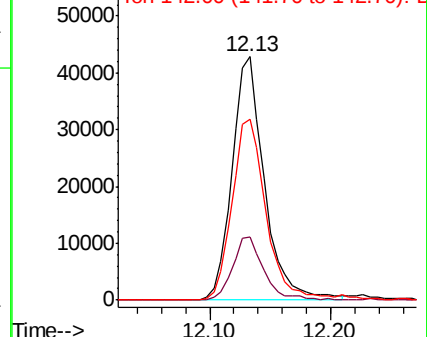


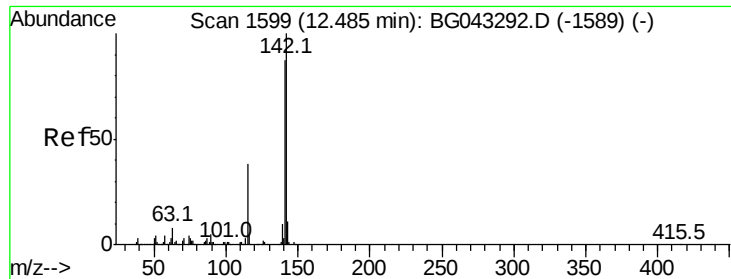
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





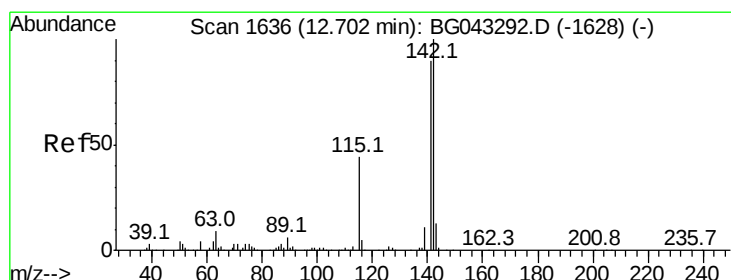
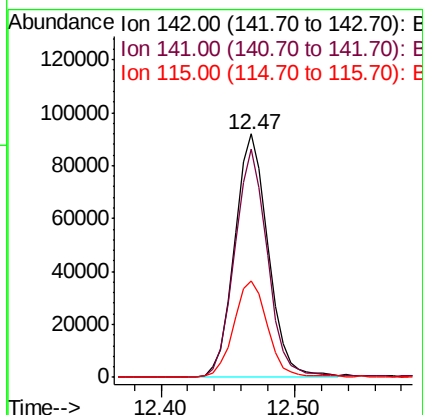
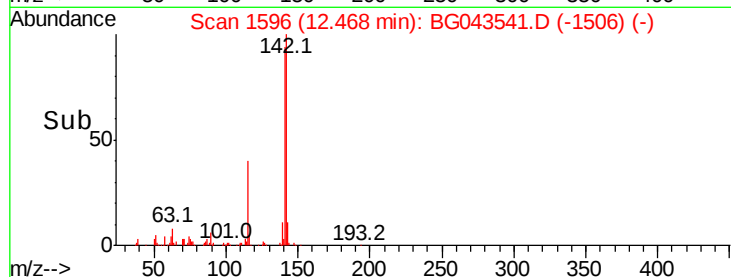
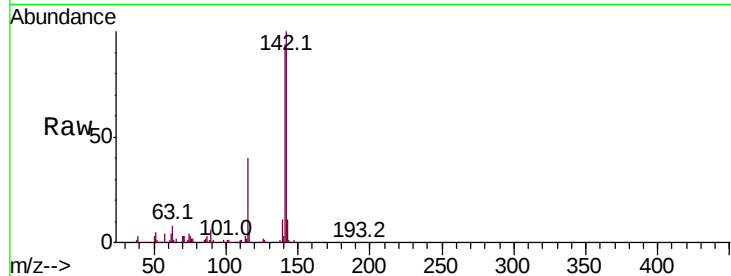
#37
2-Methylnaphthalene
Concen: 39.597 ng
RT: 12.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.2	108.2
115	39.8	33.2	49.8

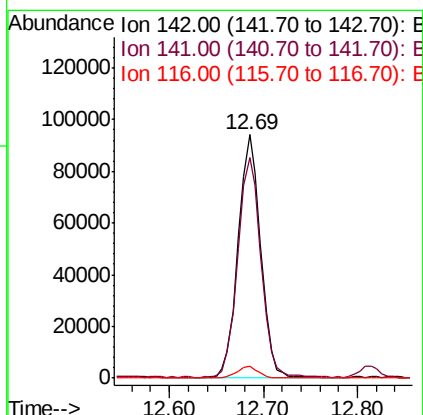
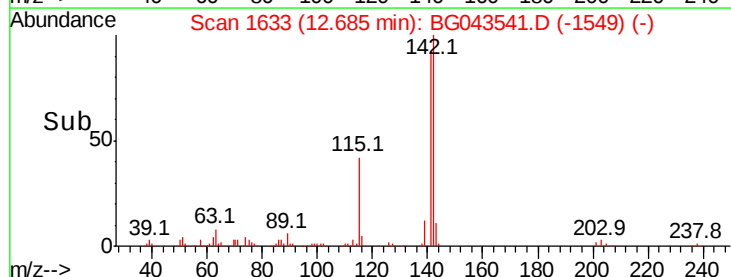
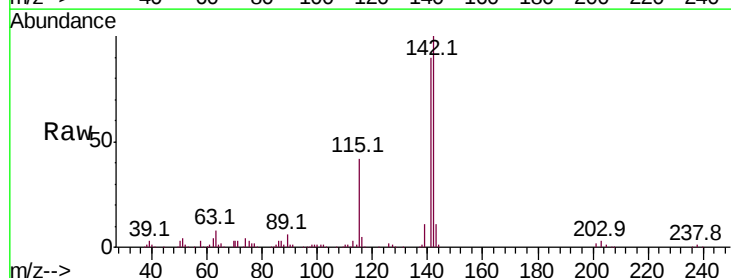
Manual Integrations
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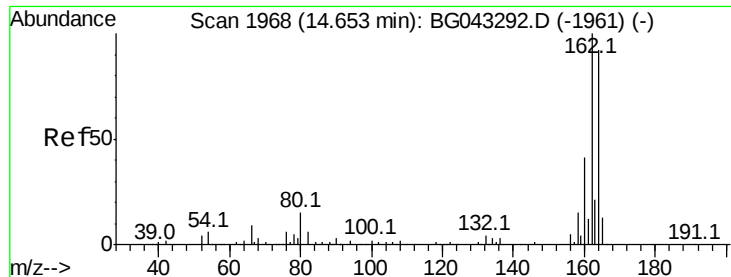
Sohil
11/8/2019 3:33:01 PM



#38
1-Methylnaphthalene
Concen: 40.731 ng
RT: 12.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
116	5.1	3.6	5.4





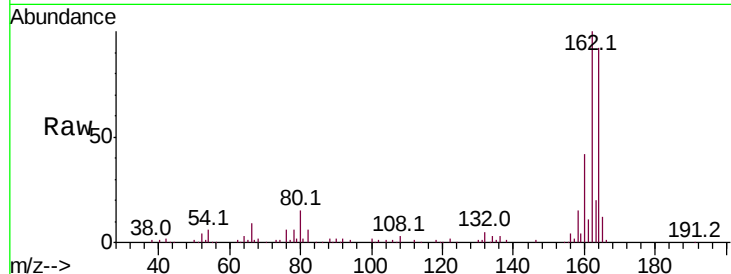
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.5	83.5	125.3
160	45.4	36.5	54.7

Manual Integrations
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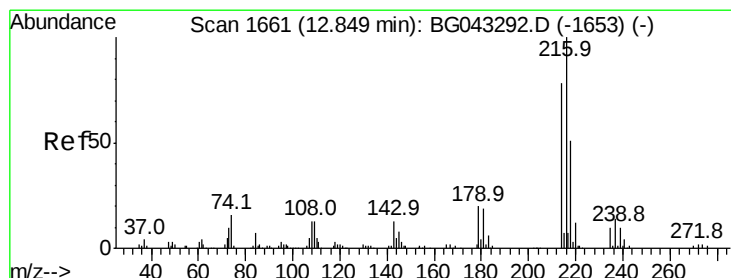
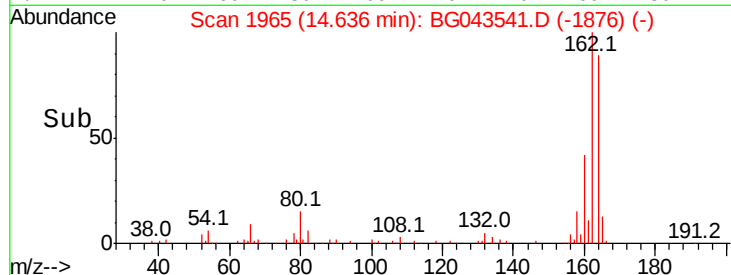
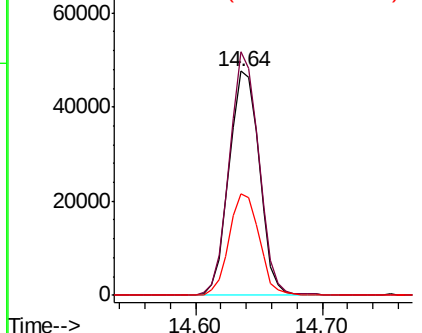


Abundance

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: 36.919 ng
RT: 12.84 min Scan# 1659
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.7	92.5
179	19.6	15.8	23.8
108	14.8	11.5	17.3

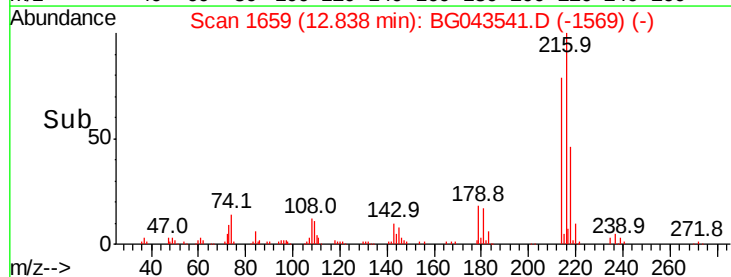
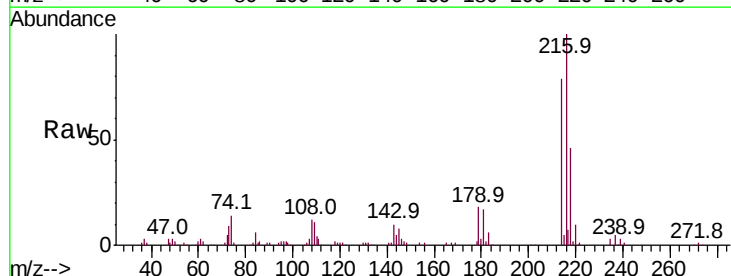
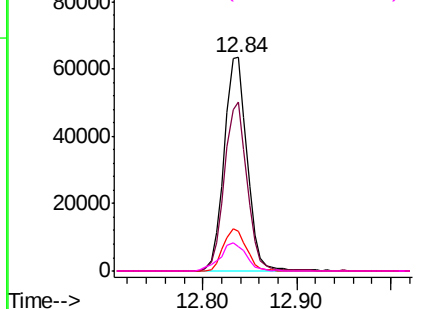
Abundance

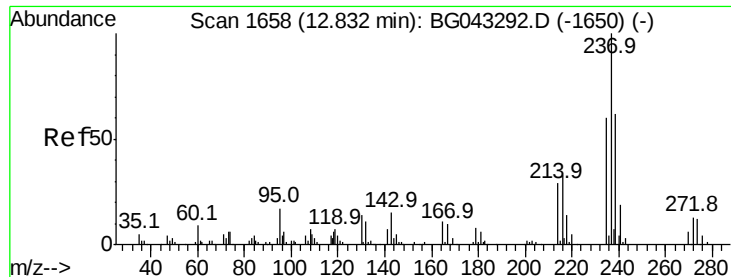
Ion 216.00 (215.70 to 216.70): E

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: 44.277 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

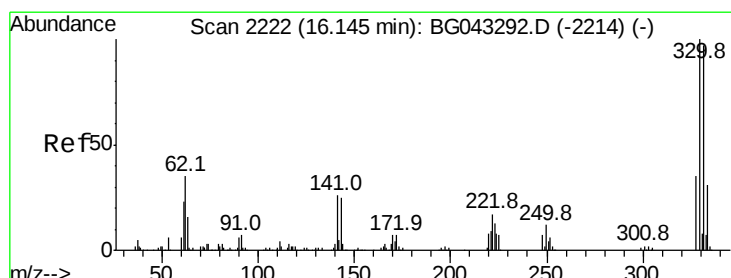
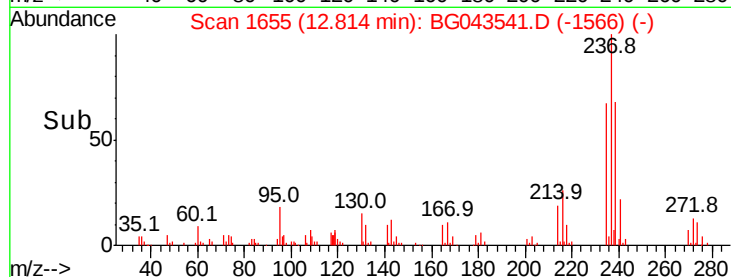
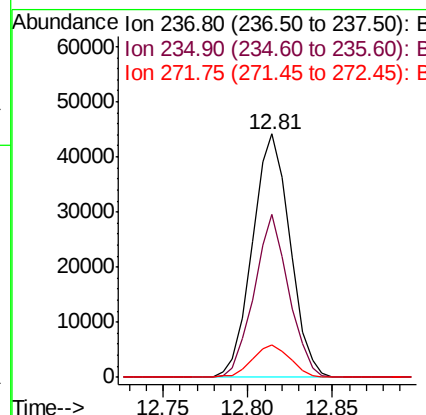
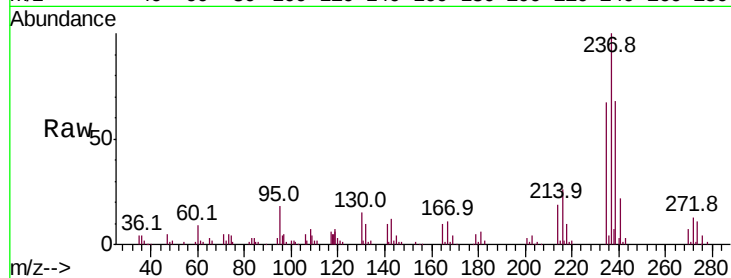
ClientSampleId :

PB124591BS

Tot Ion:	237	Resp:	67982
Ion Ratio	Lower	Upper	
237	100		
235	66.7	41.6	81.6
272	13.4	0.0	32.5

Manual Integrations
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Sohil
11/8/2019 3:33:01 PM



#42

2,4,6-Tribromophenol

Concen: 102.819 ng

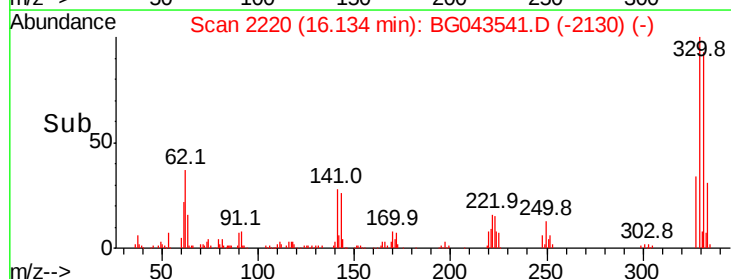
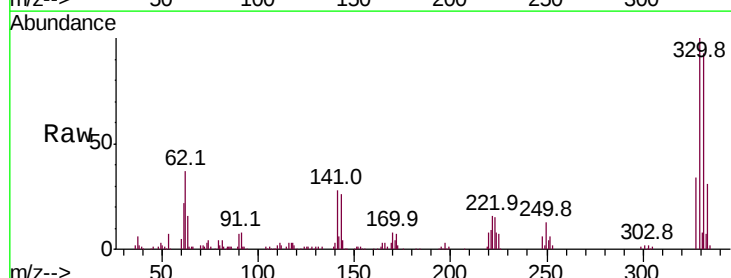
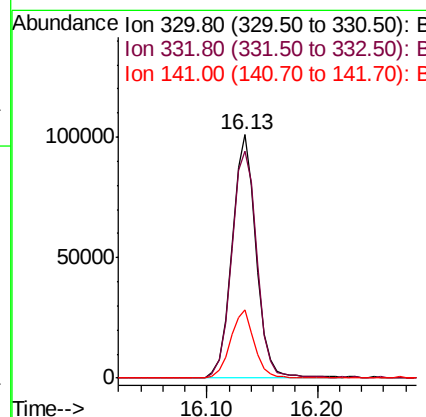
RT: 16.13 min Scan# 2220

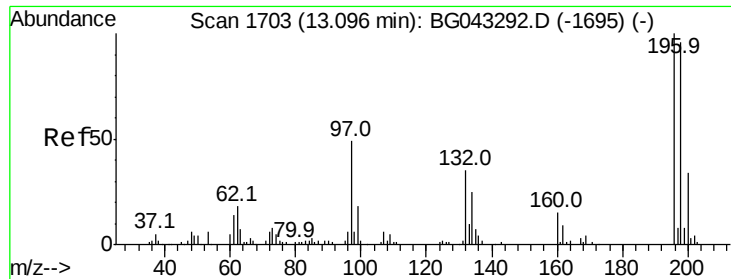
Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	330	Resp:	154531
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.4	116.0
141	27.7	22.8	34.2





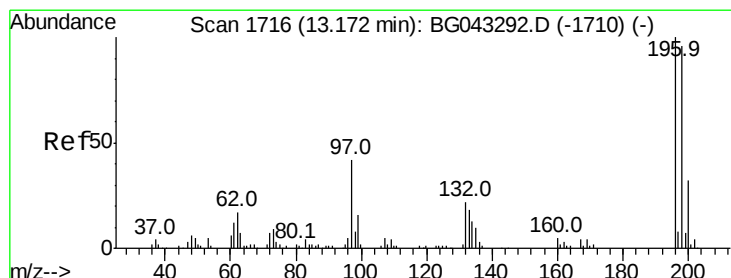
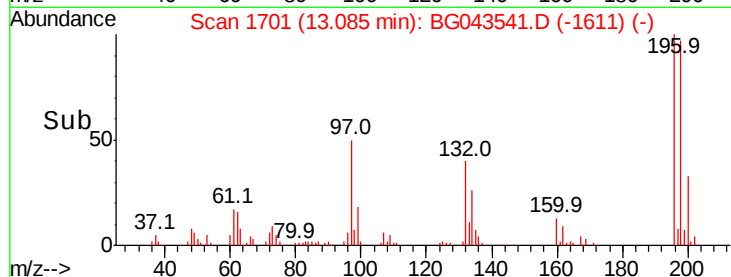
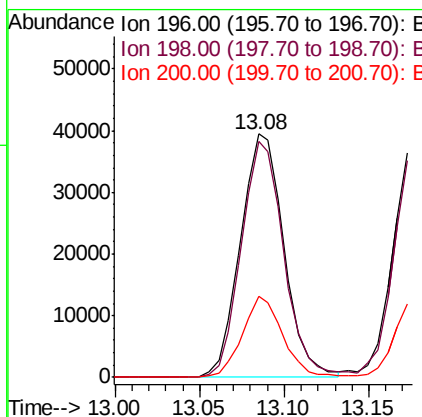
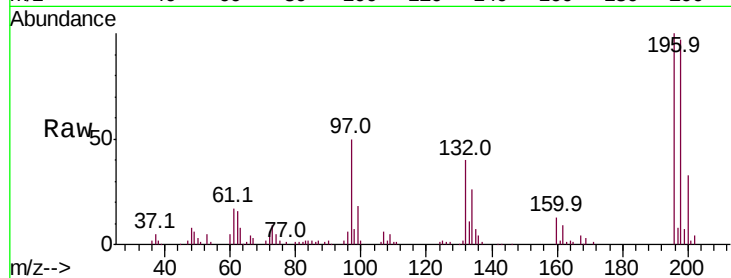
#43
2,4,6-Trichlorophenol
Concen: 41.024 ng
RT: 13.08 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampled :
PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	70613		
198	97.0		75.8	113.6
200	33.2		23.9	35.9

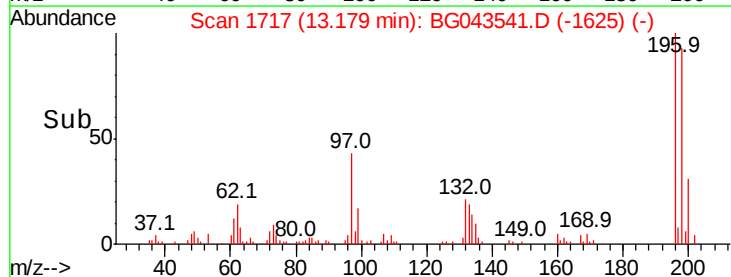
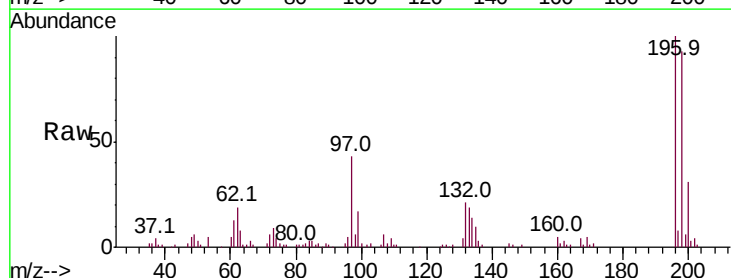
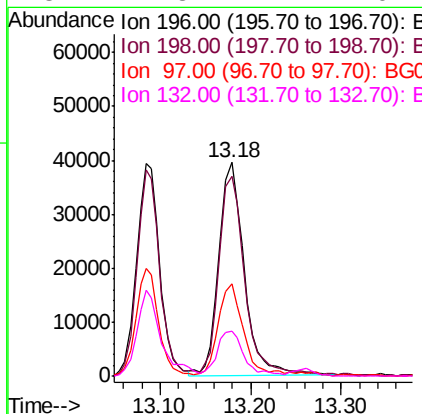
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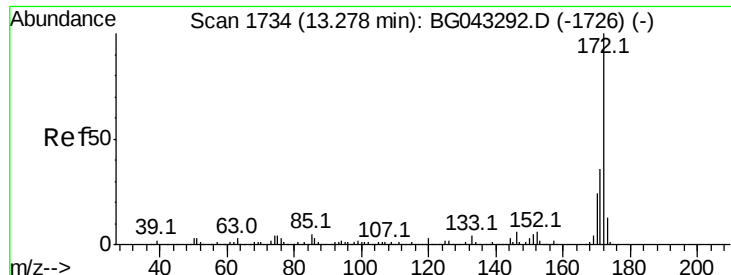
Sohil
11/8/2019 3:33:01 PM



#44
2,4,5-Trichlorophenol
Concen: 43.928 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76442		
198	93.5		74.5	111.7
97	43.4		36.3	54.5
132	21.3		17.4	26.2





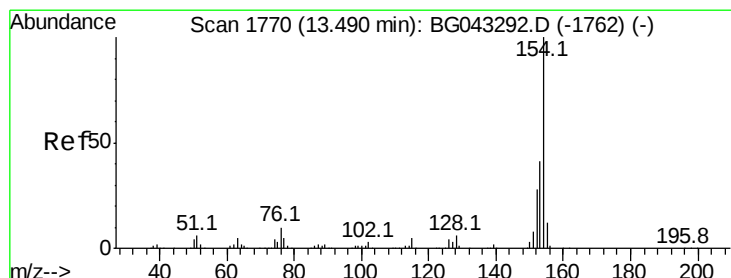
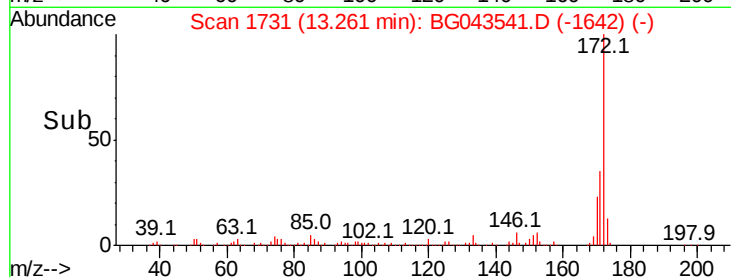
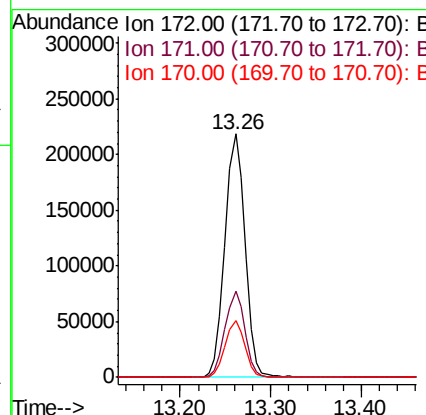
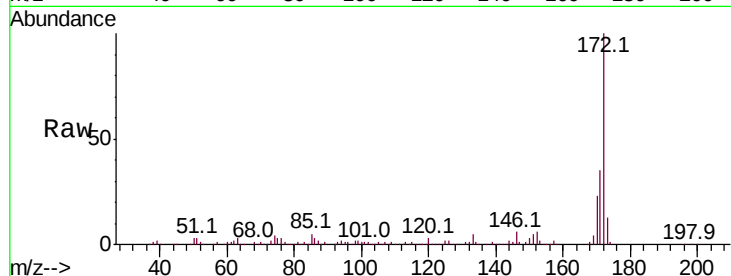
#45
 2-Fluorobiphenyl
 Concen: 58.880 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.9	43.3	
170	23.1	18.5	27.7	

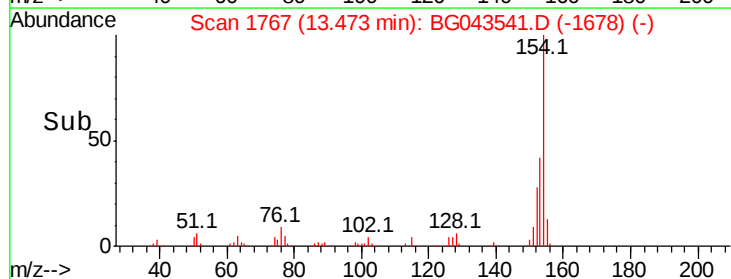
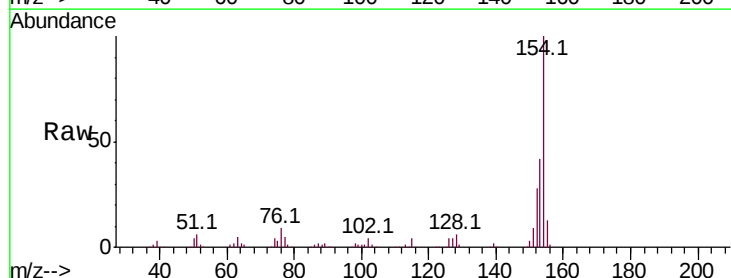
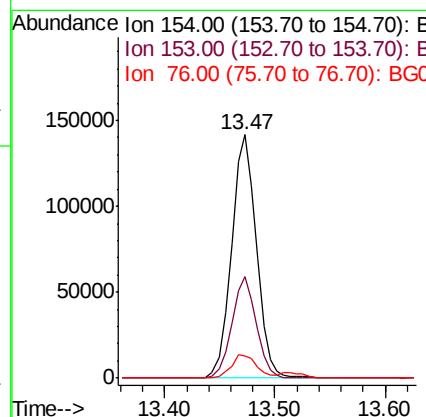
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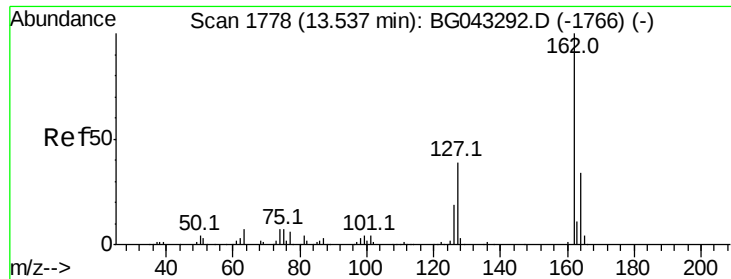
Sohil
 11/8/2019 3:33:01 PM



#46
 1,1'-Biphenyl
 Concen: 37.263 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.8	19.9	59.9	
76	8.9	0.0	29.4	





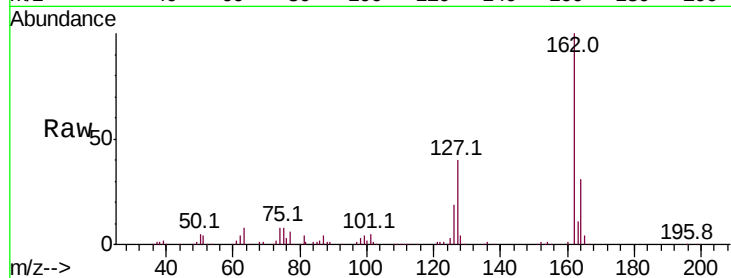
#47
 2-Chloronaphthalene
 Concen: 37.339 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

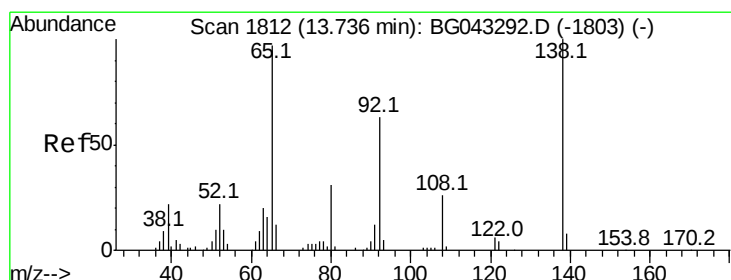
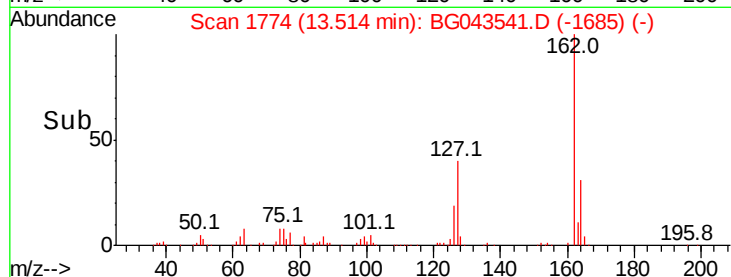
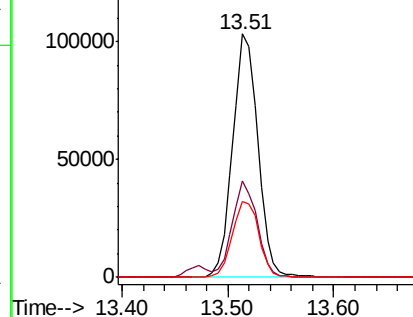
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.2	46.8
164	31.4	25.8	38.8

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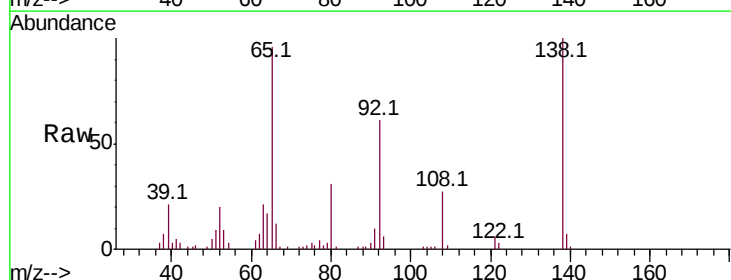


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

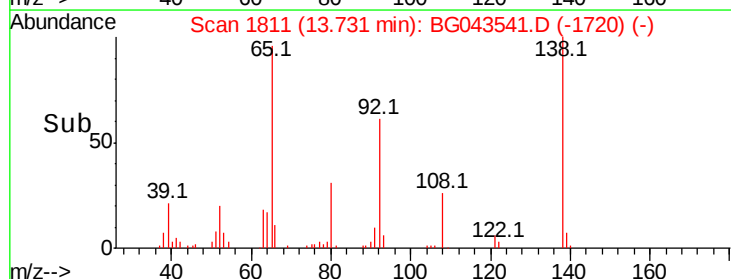
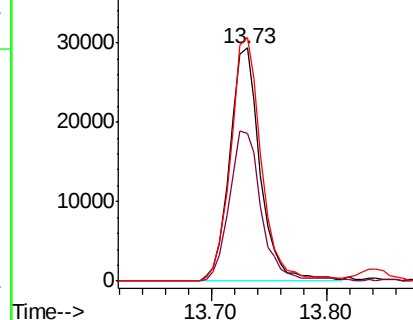


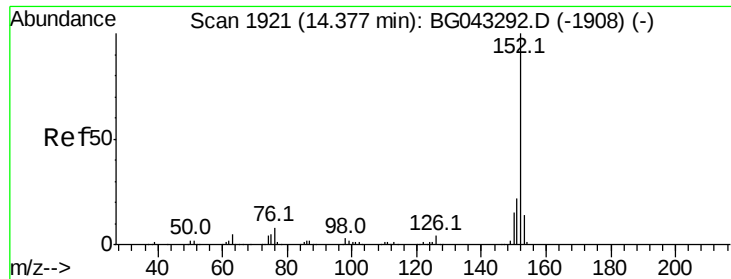
#48
 2-Nitroaniline
 Concen: 39.275 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	56.2	84.2
138	104.5	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: 39.965 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

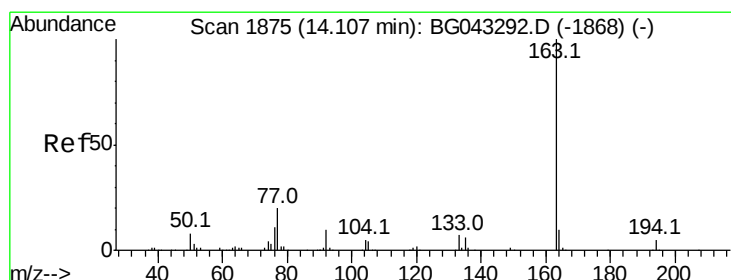
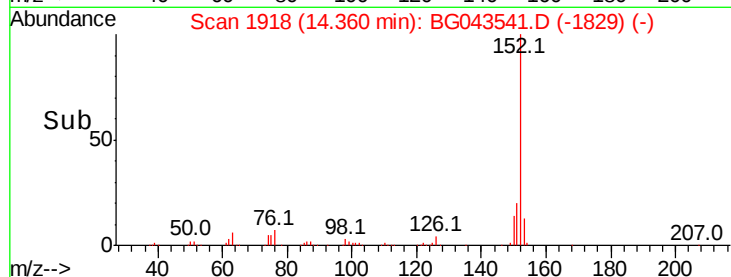
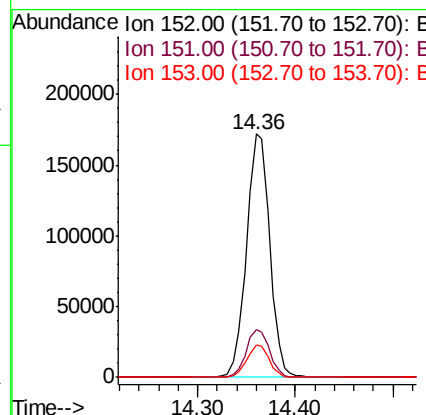
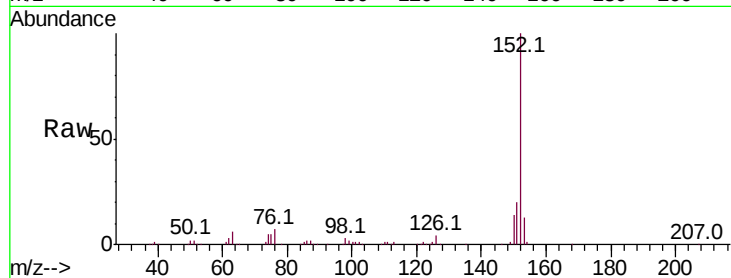
ClientSampleId :

PB124591BS

Tot Ion:	152	Resp:	284340
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	13.4	10.6	15.8

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#50

Dimethylphthalate

Concen: 38.414 ng

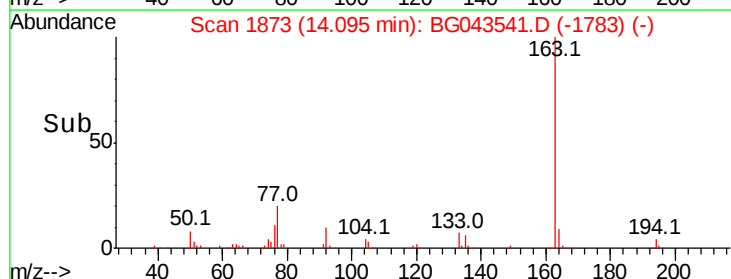
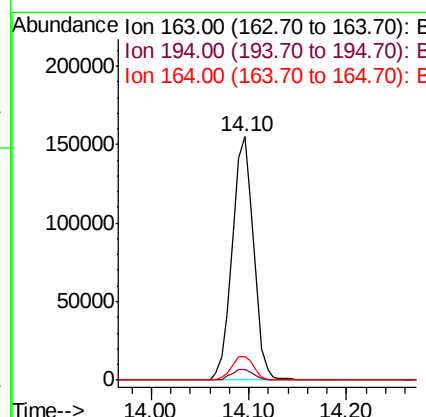
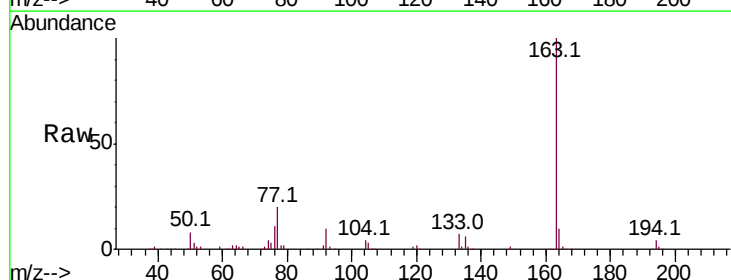
RT: 14.10 min Scan# 1873

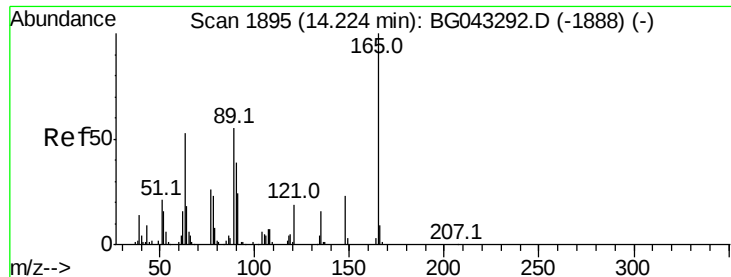
Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	163	Resp:	234991
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.8	5.6
164	9.6	8.9	13.3





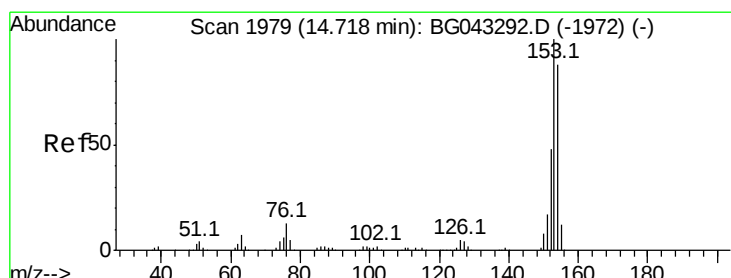
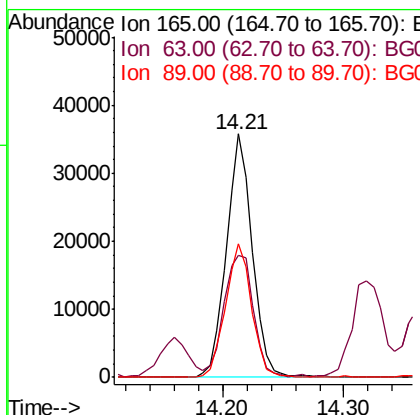
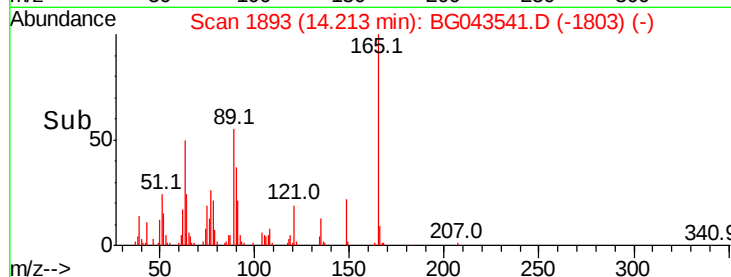
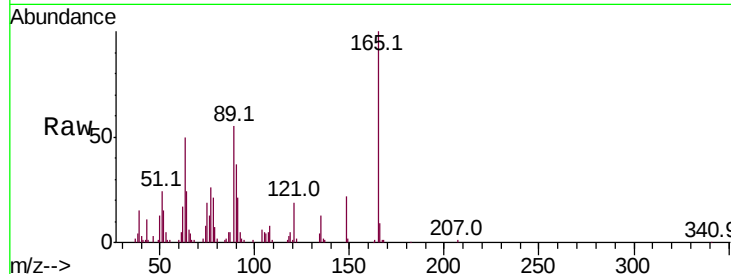
#51
2,6-Dinitrotoluene
Concen: 39.941 ng
RT: 14.21 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.3	46.6	69.8	
89	54.6	45.1	67.7	

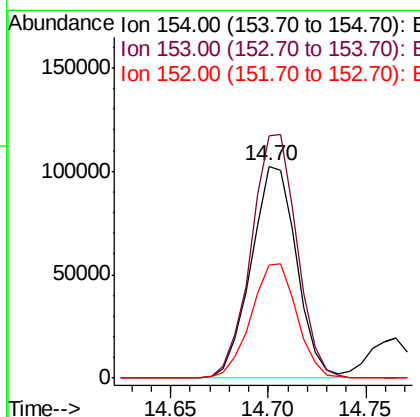
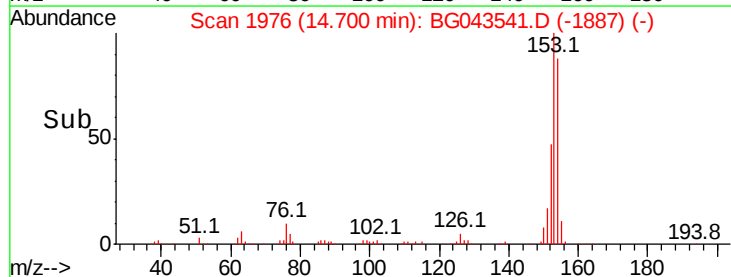
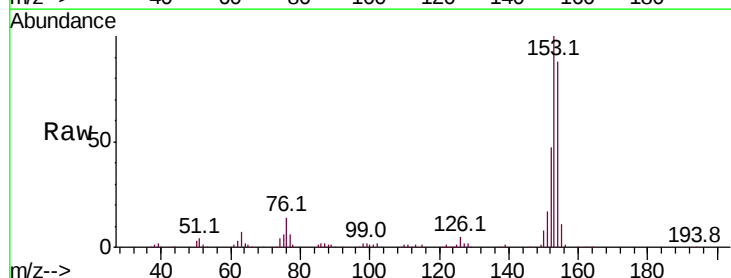
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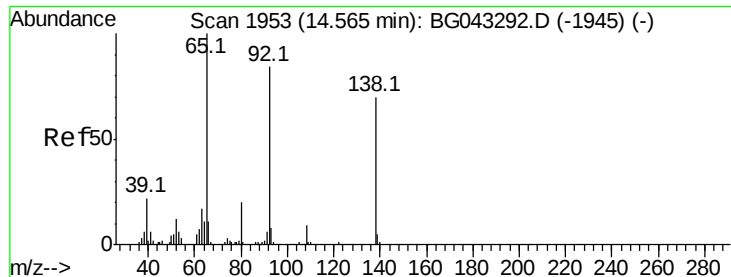
Sohil
11/8/2019 3:33:01 PM



#52
Acenaphthene
Concen: 38.027 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.1	88.2	132.2	
152	53.4	40.0	60.0	





#53

3-Nitroaniline

Concen: 28.267 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

ClientSampleId :

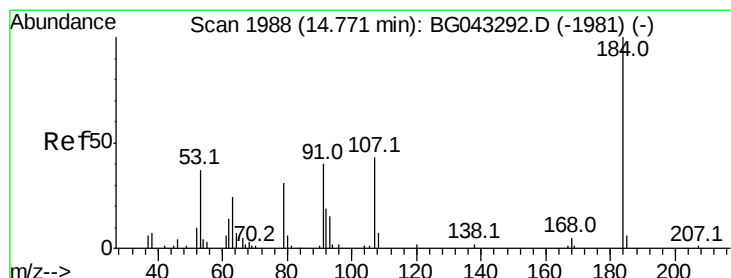
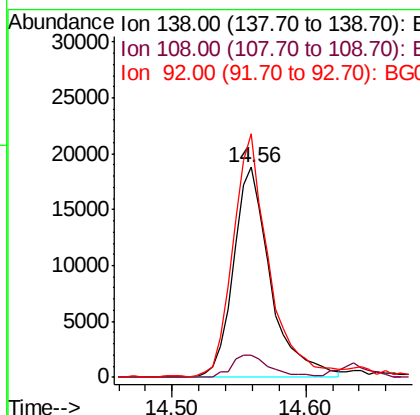
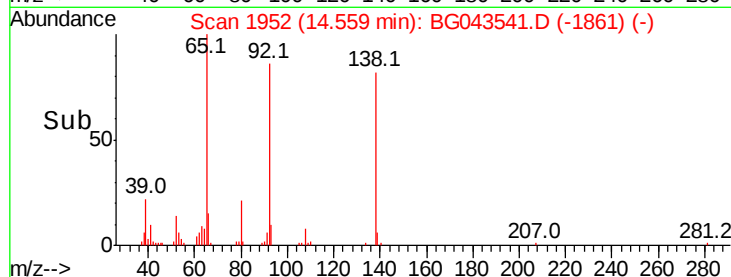
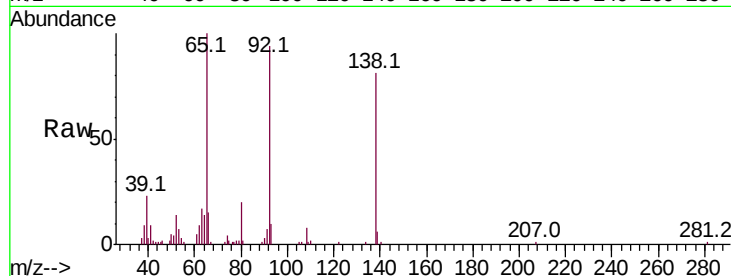
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Tot Ion:138 Resp: 36269

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.0	12.0
92	116.1	90.9	136.3

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#54

2,4-Dinitrophenol

Concen: 65.698 ng

RT: 14.76 min Scan# 1986

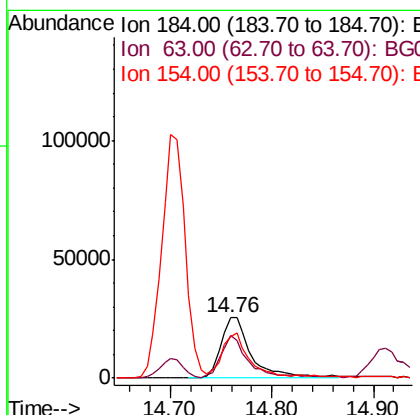
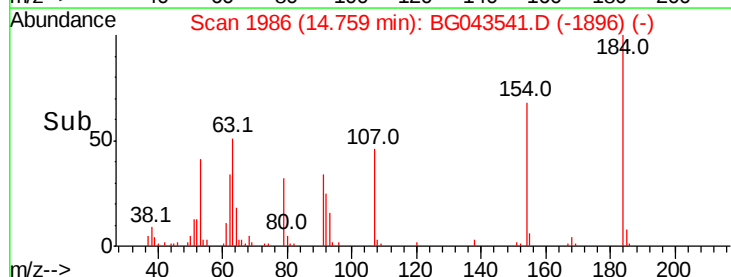
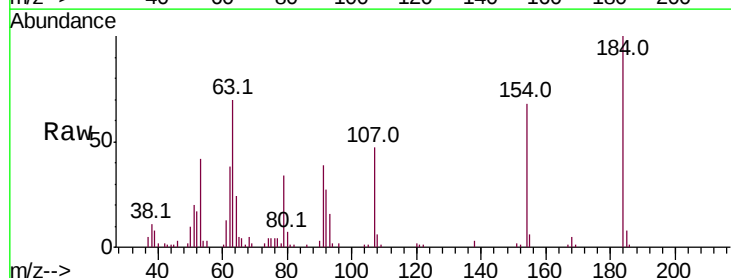
Delta R.T. 0.00 min

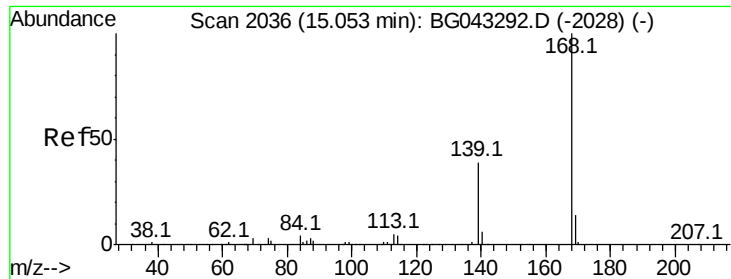
Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:184 Resp: 53333

Ion	Ratio	Lower	Upper
184	100		
63	69.7	51.3	76.9
154	68.3	55.4	83.0





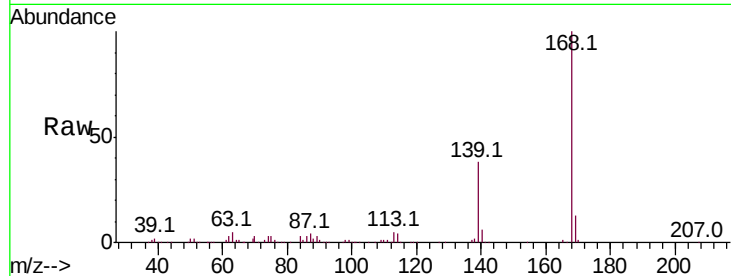
#55
Dibenzofuran
Concen: 39.407 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	31.0	46.6
169	12.7	11.7	17.5

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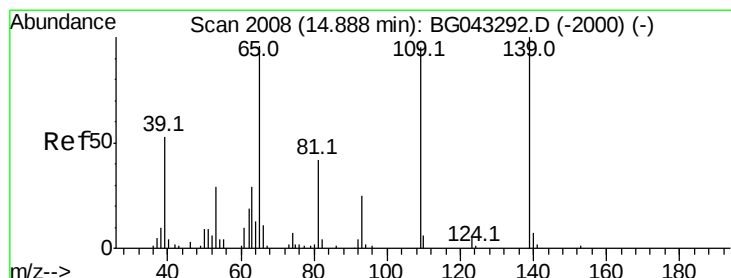
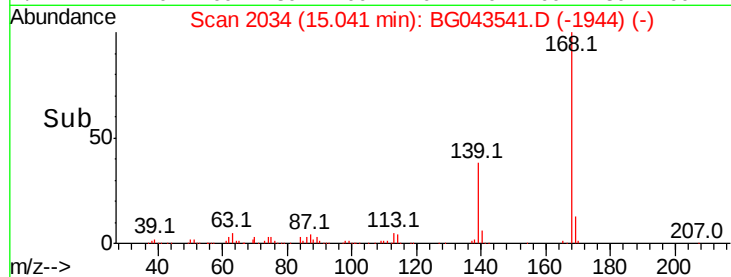
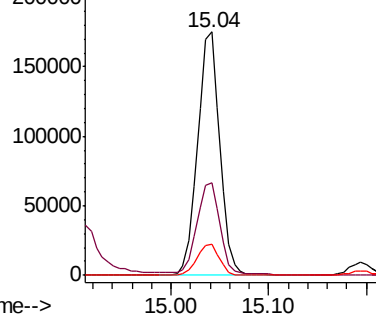


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.784 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

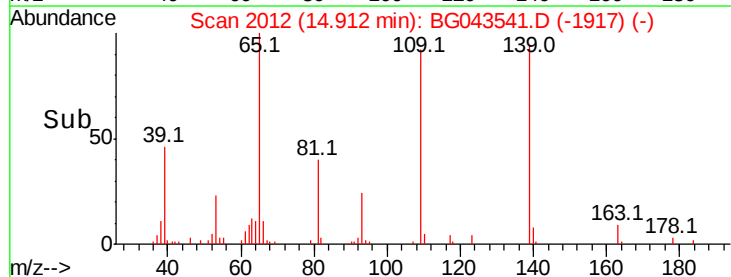
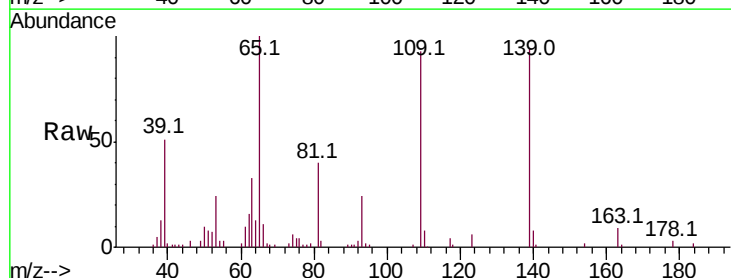
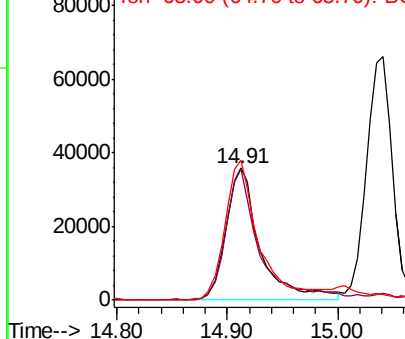
Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.3	87.2	127.2
65	106.4	83.8	123.8

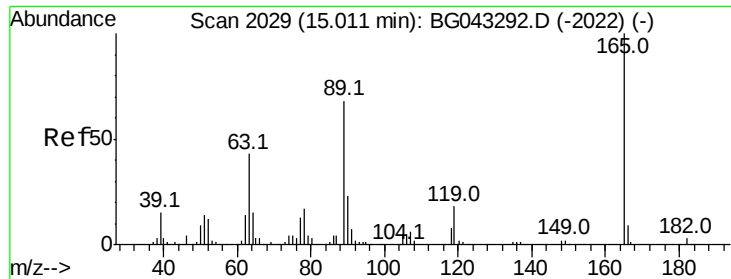
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





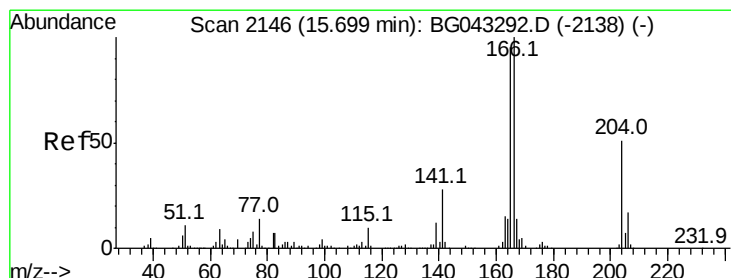
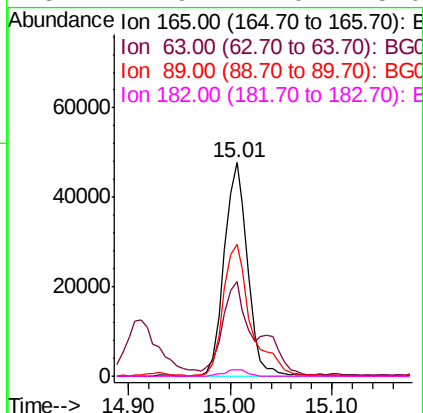
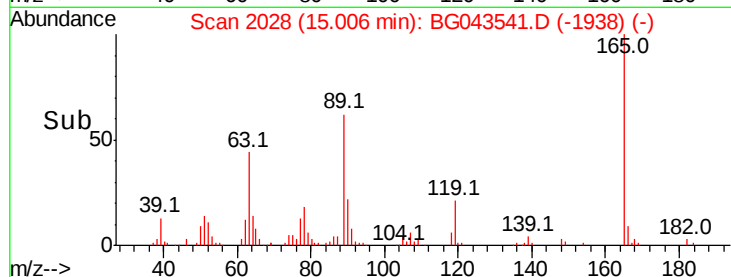
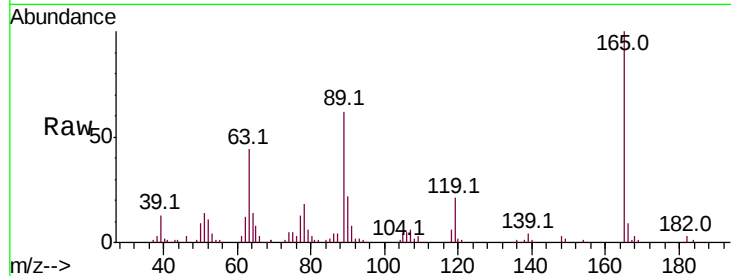
#57
2,4-Dinitrotoluene
Concen: 40.252 ng
RT: 15.01 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	33.2	49.8
89	62.0	52.2	78.4
182	2.9	2.0	3.0

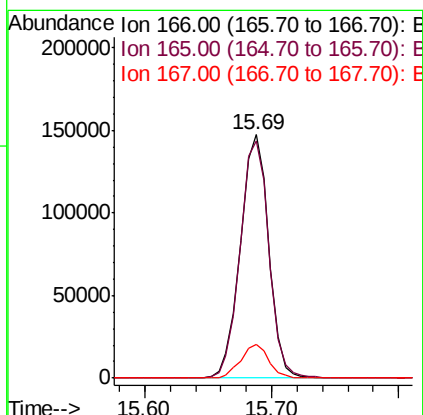
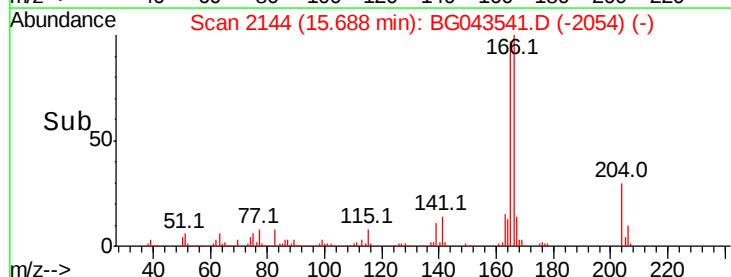
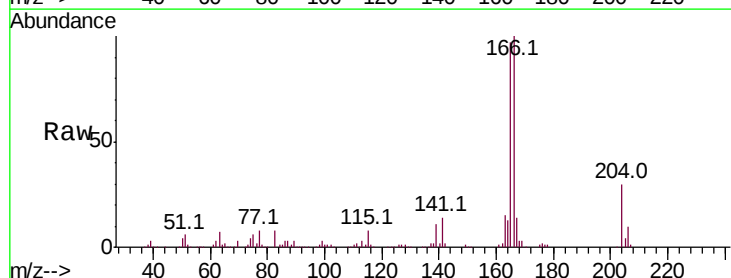
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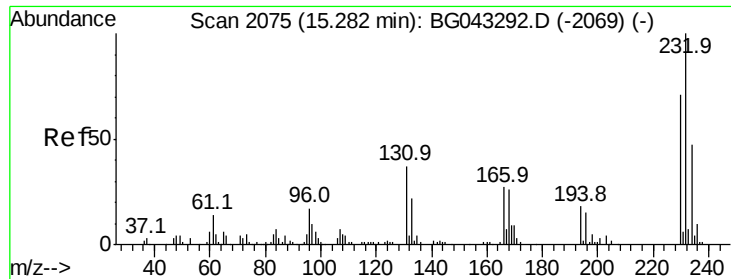
Sohil
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#58
Fluorene
Concen: 38.647 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	14.0	10.5	15.7





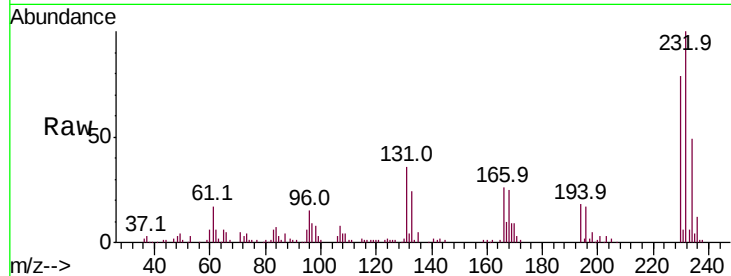
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.105 ng
 RT: 15.28 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.9	26.9	40.3
130	2.3	1.8	2.6
166	26.0	20.9	31.3

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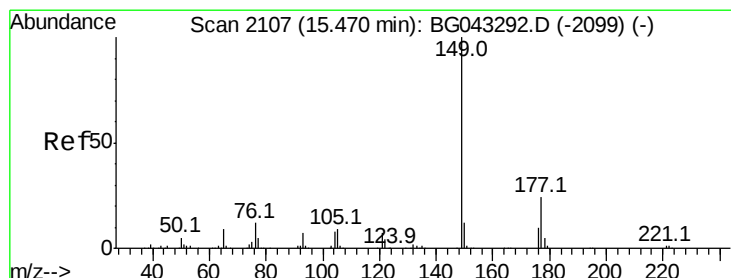
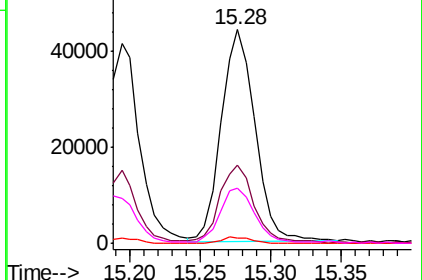
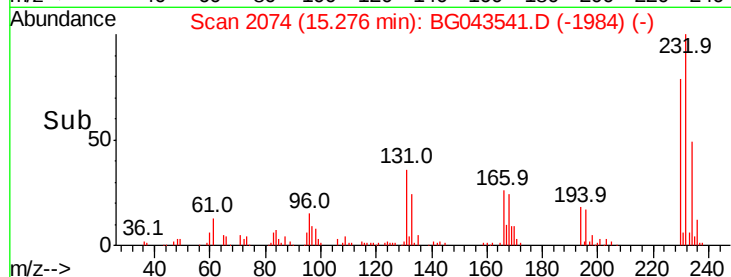
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

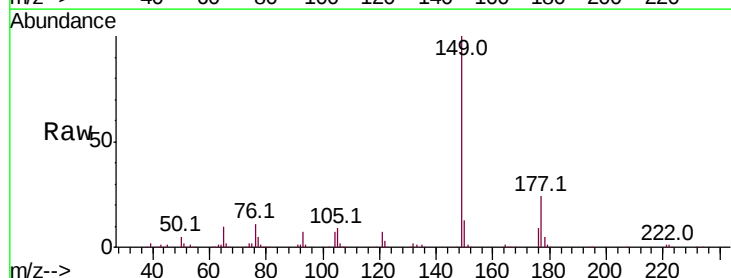
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.026 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.6	29.4
150	13.0	10.8	16.2

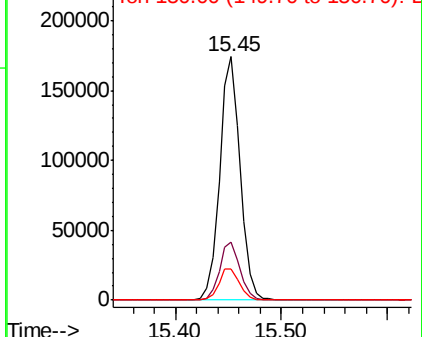
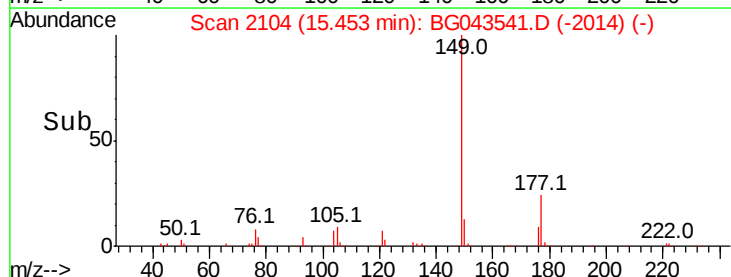


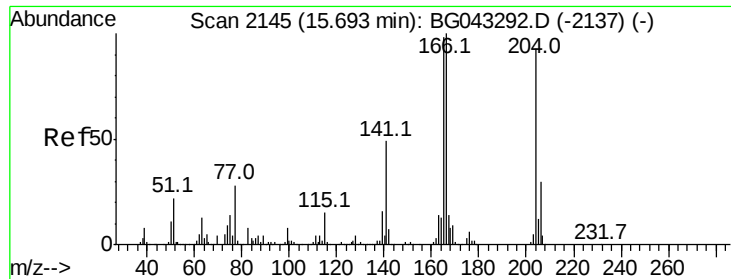
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





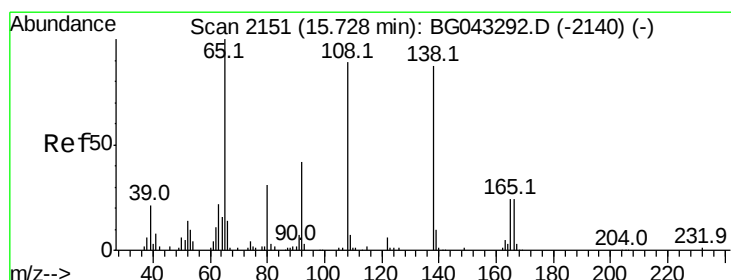
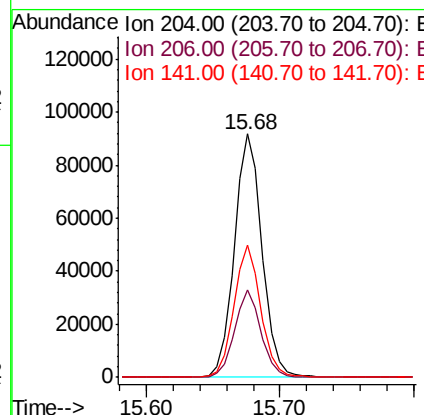
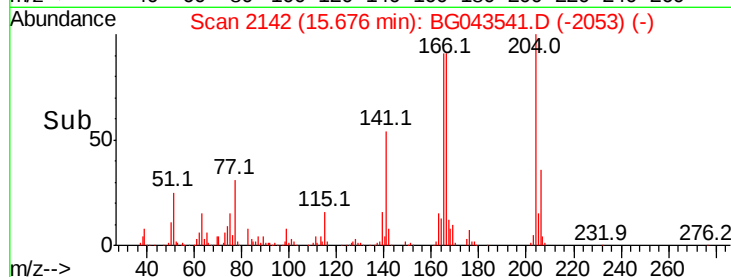
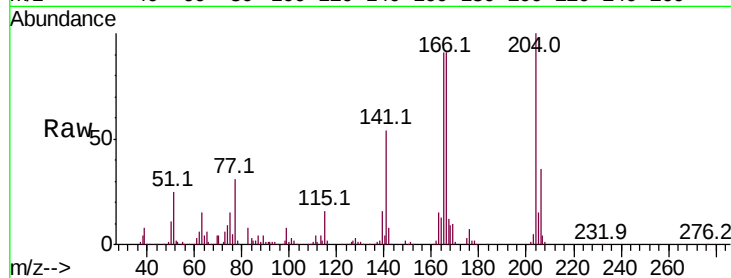
#61
4-Chlorophenyl-phenylether
Concen: 38.485 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.4	42.6
141	54.3	43.0	64.6

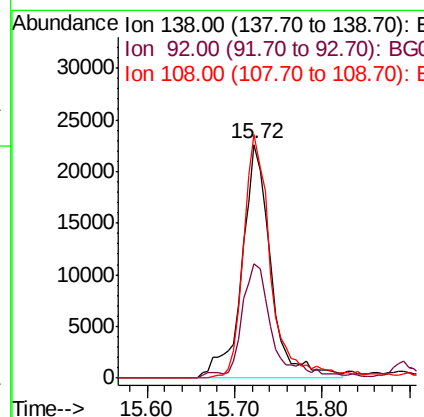
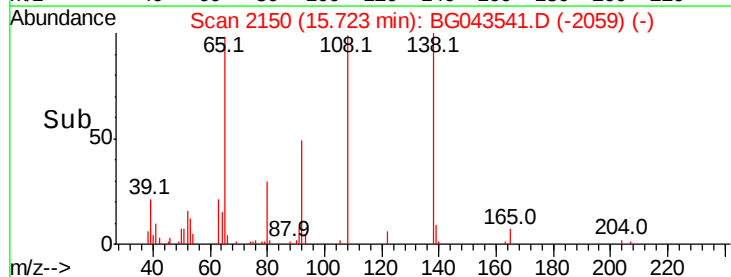
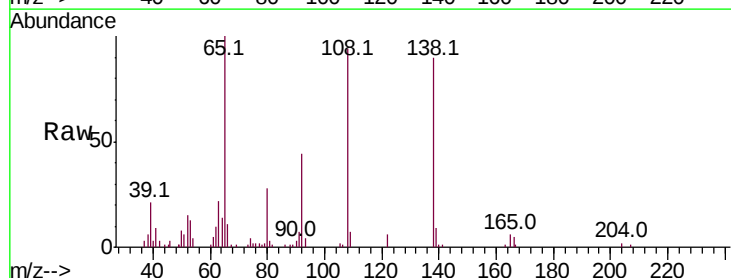
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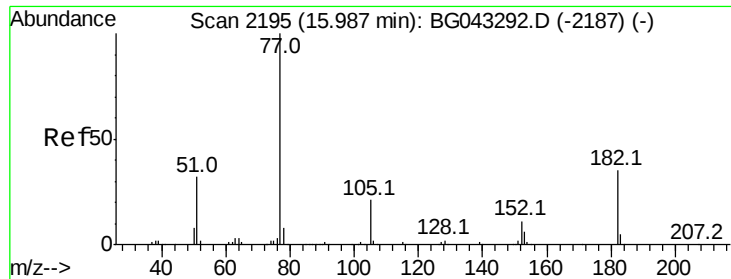
Sohil
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#62
4-Nitroaniline
Concen: 38.188 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	33.4	73.4
108	104.2	78.0	118.0





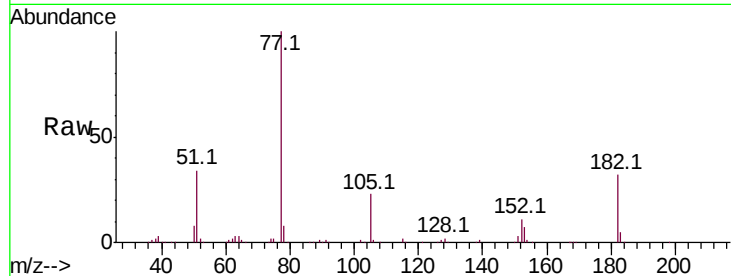
#63
Azobenzene
Concen: 38.903 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.3	13.7	53.7
105	22.6	0.4	40.4
51	33.9	11.0	51.0

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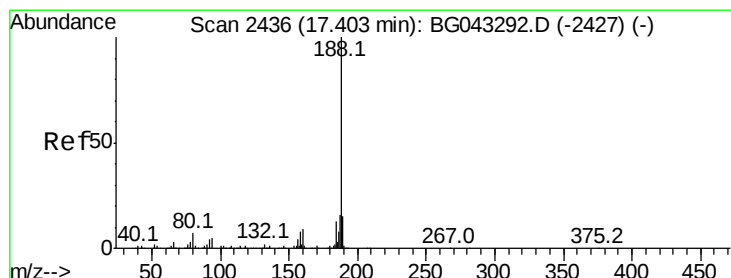
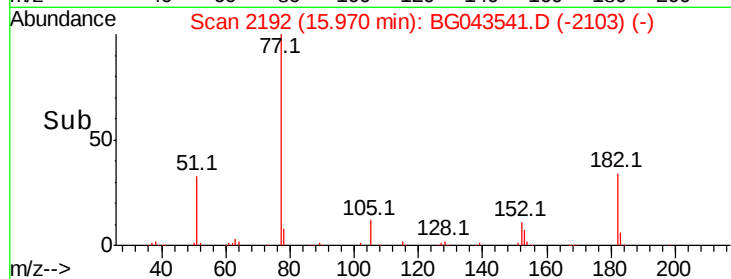
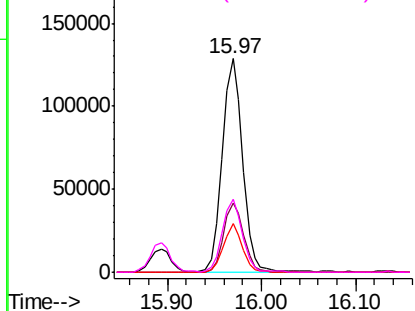
Abundance

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# 2433
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

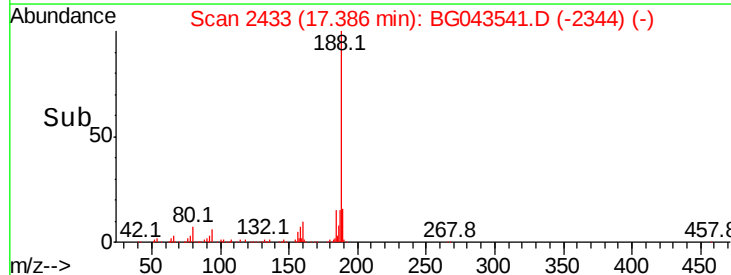
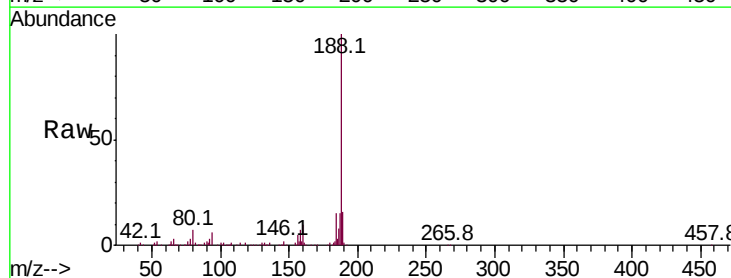
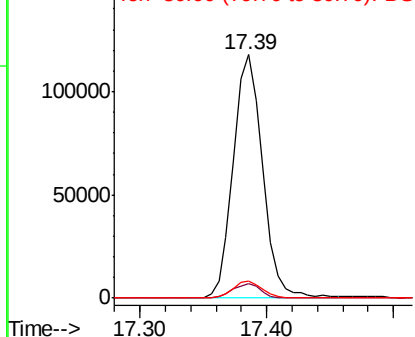
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.2	6.4
80	7.2	4.5	6.7#

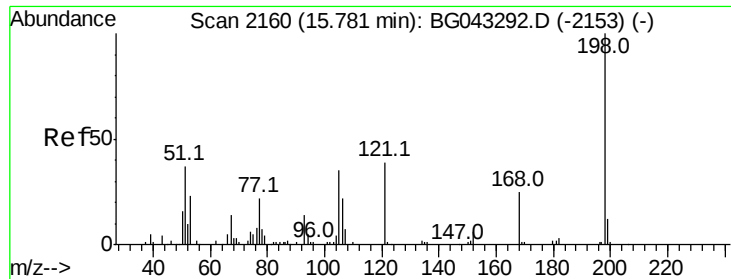
Abundance

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: 41.157 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

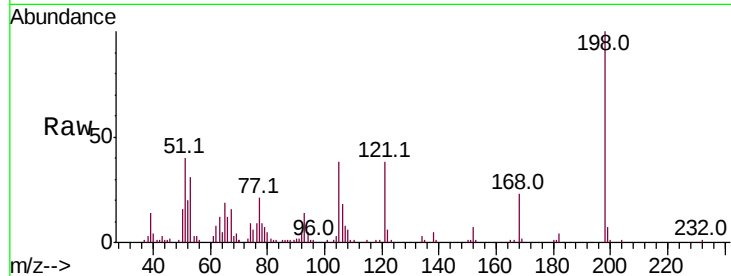
ClientSampleId :

PB124591BS

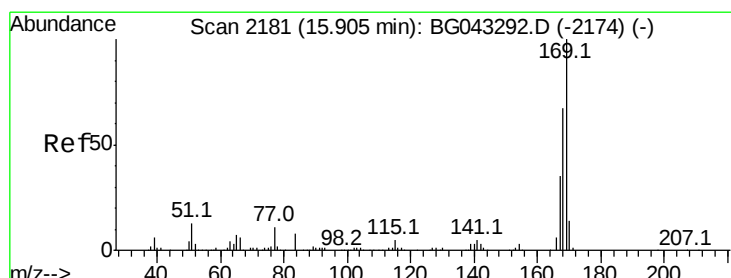
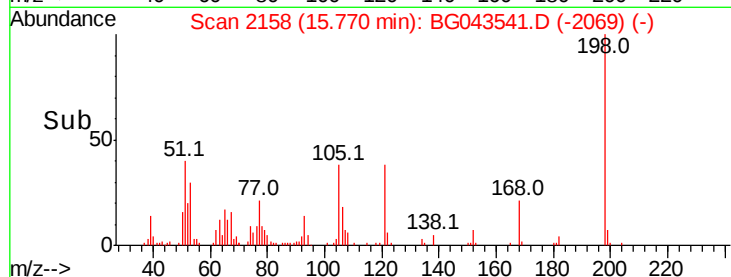
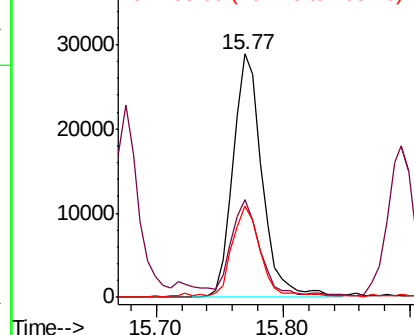
Tot Ion:	198	Resp:	45692
Ion Ratio	Lower	Upper	
198	100		
51	40.0	13.2	53.2
105	37.5	15.8	55.8

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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: 38.675 ng

RT: 15.89 min Scan# 2179

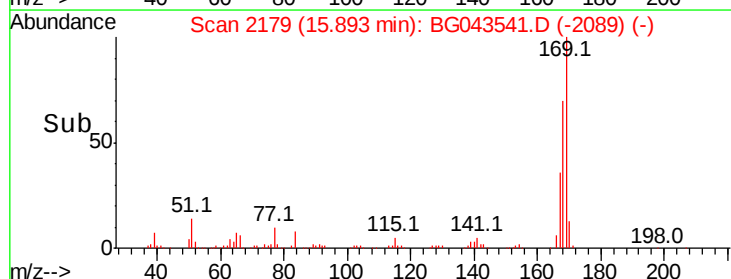
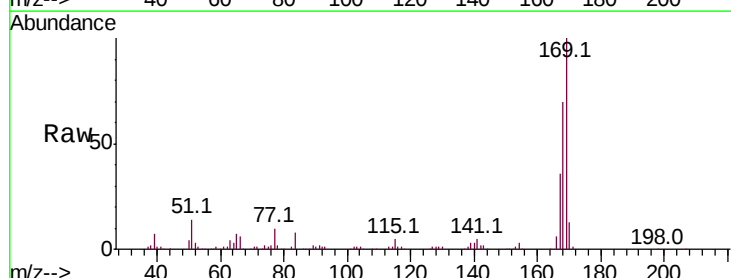
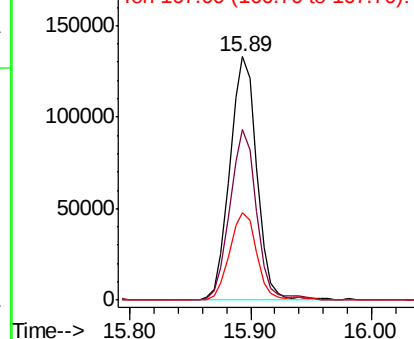
Delta R.T. 0.00 min

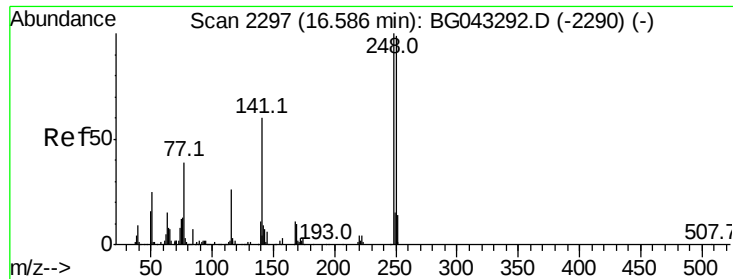
Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	169	Resp:	205982
Ion Ratio	Lower	Upper	
169	100		
168	70.3	53.8	80.6
167	36.1	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: 36.948 ng

RT: 16.57 min Scan# 2294

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

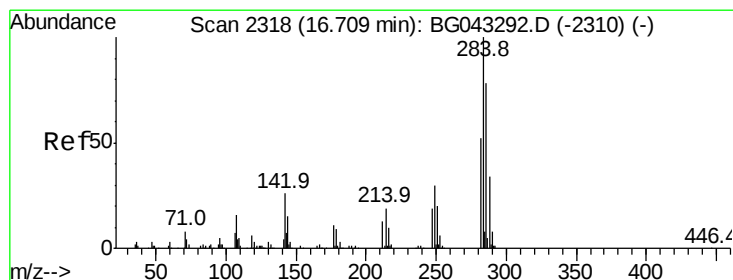
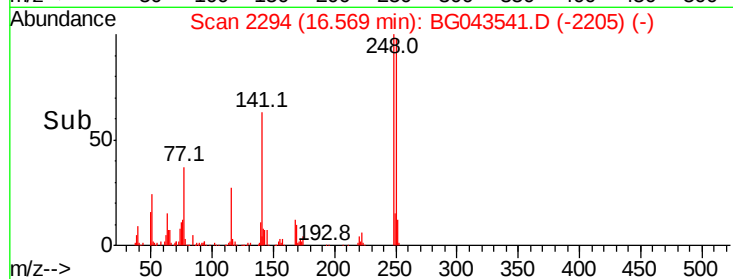
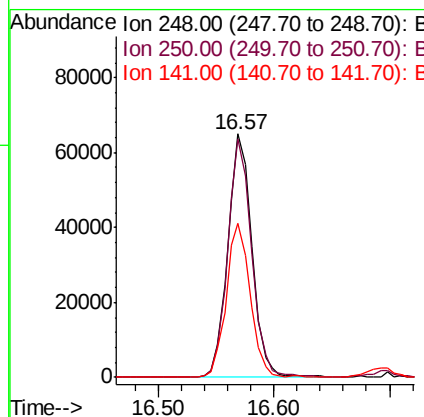
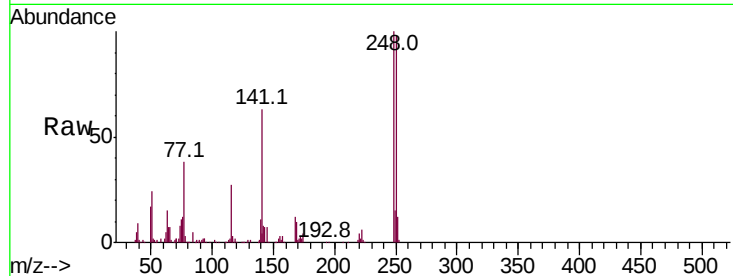
ClientSampleId :

PB124591BS

Tot Ion:	248	Resp:	93801
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.0	115.4
141	63.4	47.5	71.3

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#68

Hexachlorobenzene

Concen: 36.111 ng

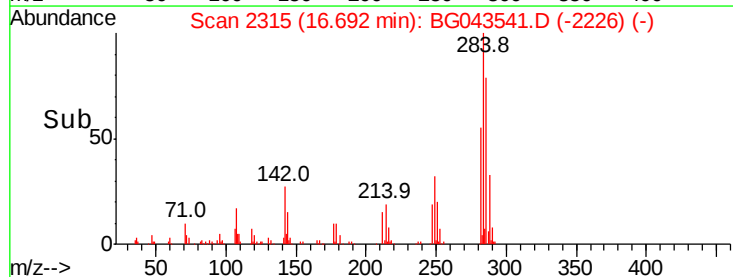
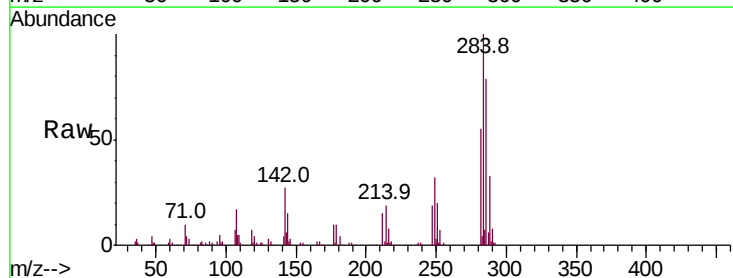
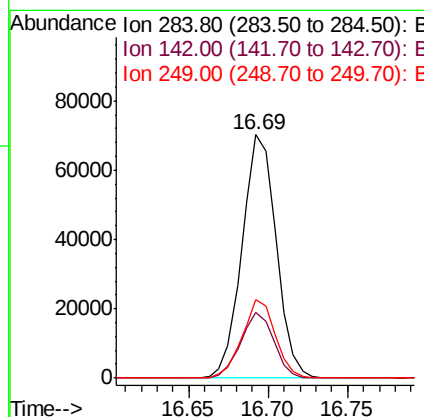
RT: 16.69 min Scan# 2315

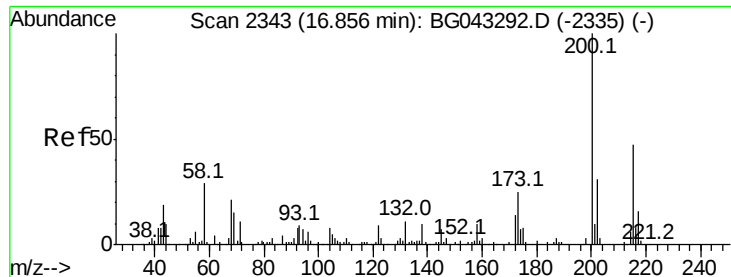
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	284	Resp:	105234
Ion Ratio	Lower	Upper	
284	100		
142	27.1	19.8	29.8
249	32.2	23.8	35.6





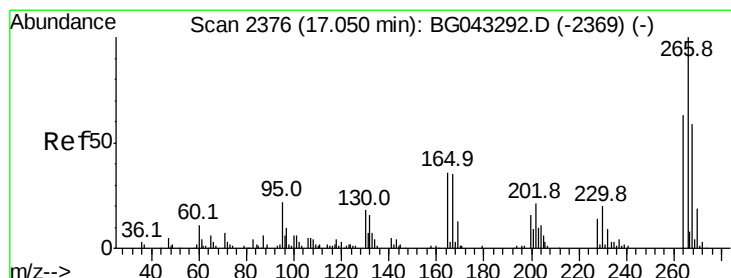
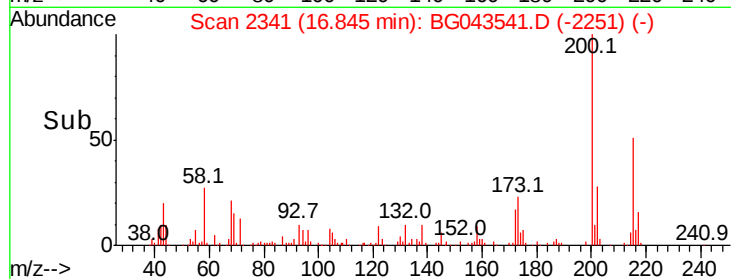
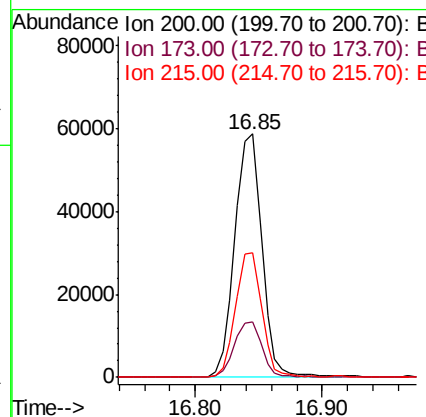
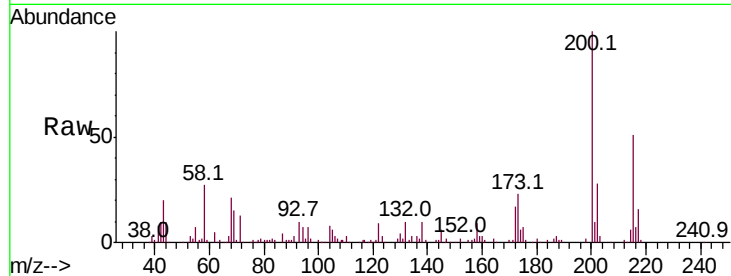
#69
Atrazine
Concen: 47.119 ng
RT: 16.85 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.6	4.7	44.7
215	51.4	28.5	68.5

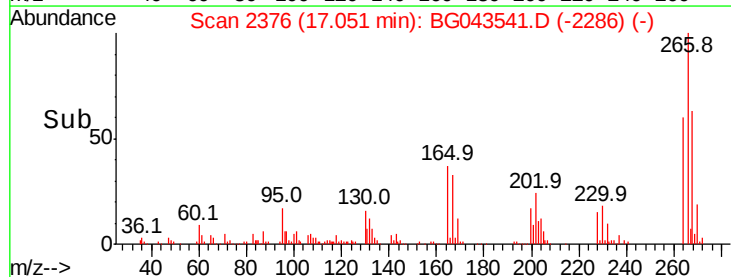
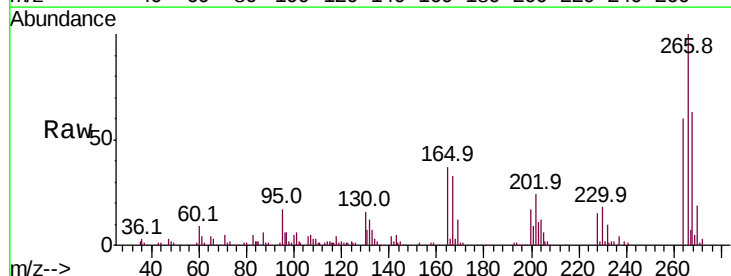
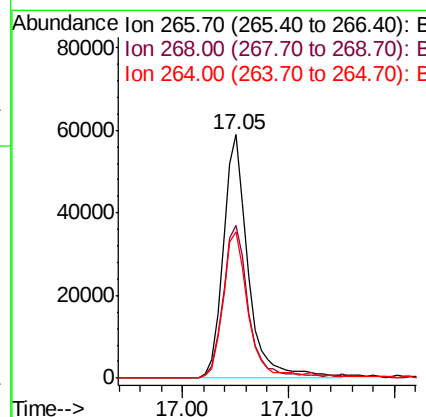
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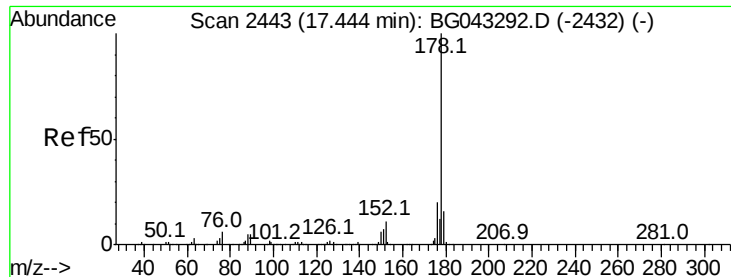
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#70
Pentachlorophenol
Concen: 72.814 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.4	75.6
264	59.9	48.9	73.3





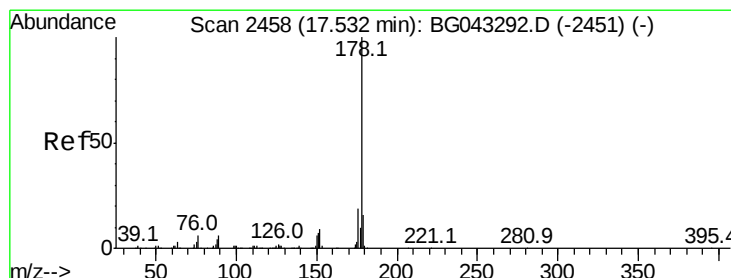
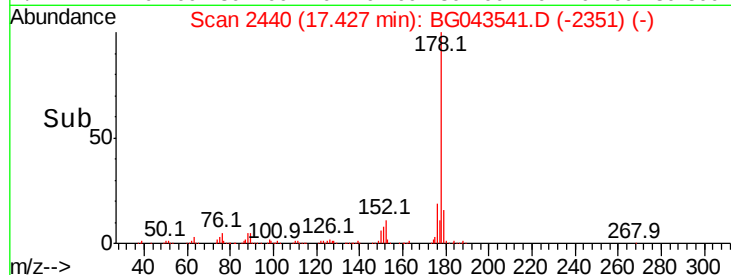
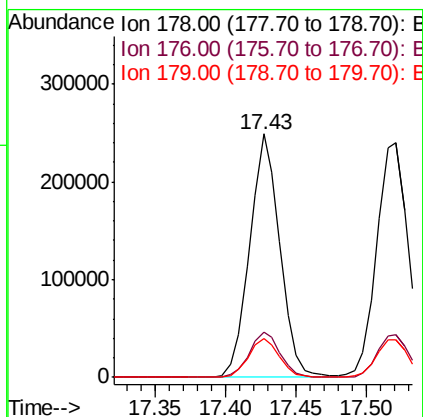
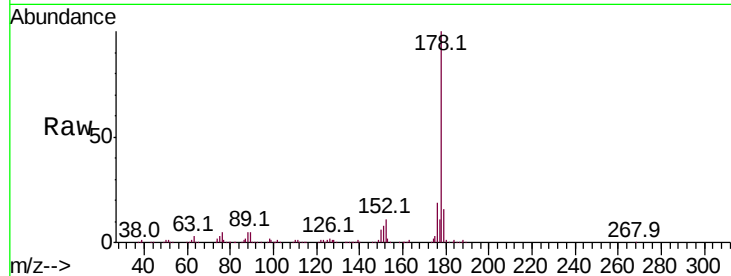
#71
Phenanthrene
Concen: 38.797 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.7	13.0	19.6

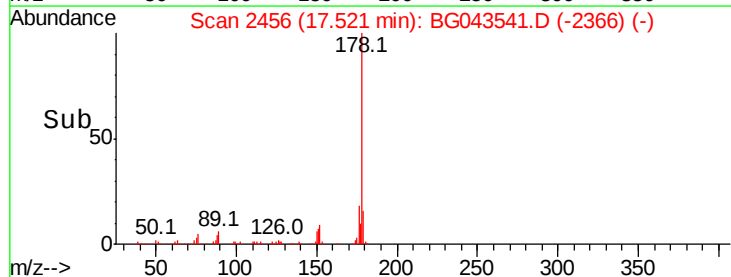
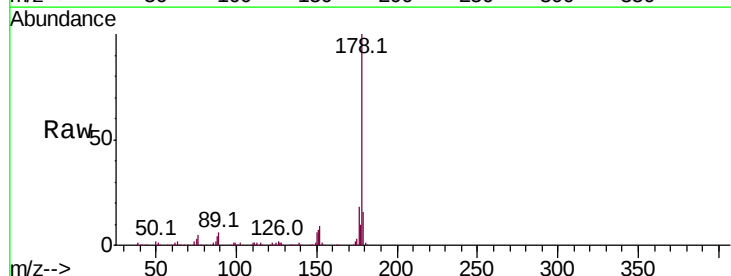
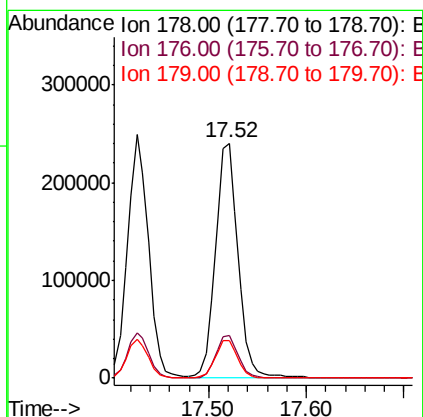
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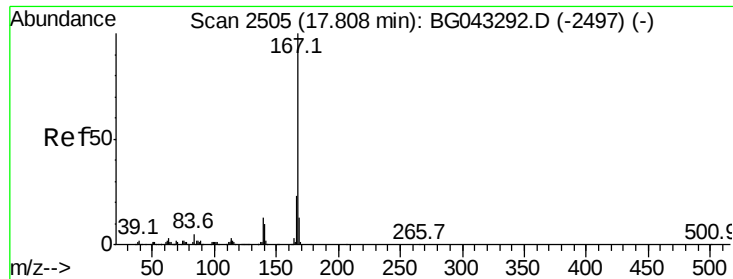
Sohil
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#72
Anthracene
Concen: 39.708 ng
RT: 17.52 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.5	23.3
179	15.8	13.7	20.5





#73

Carbazole

Concen: 40.521 ng

RT: 17.80 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

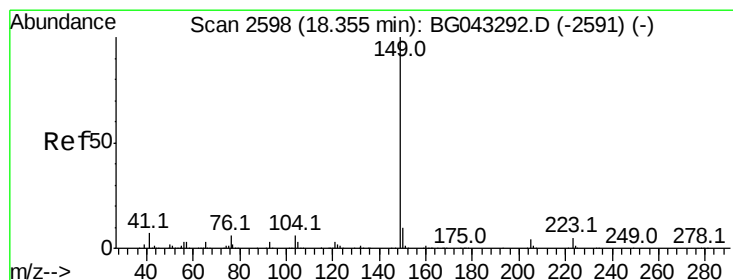
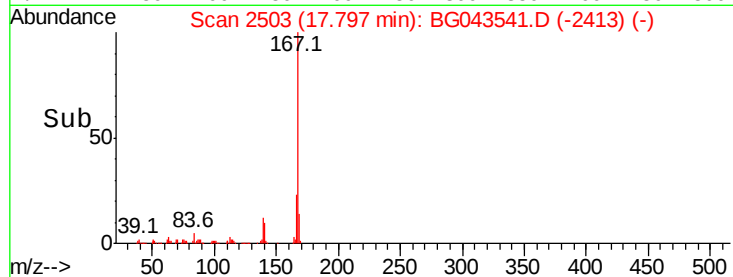
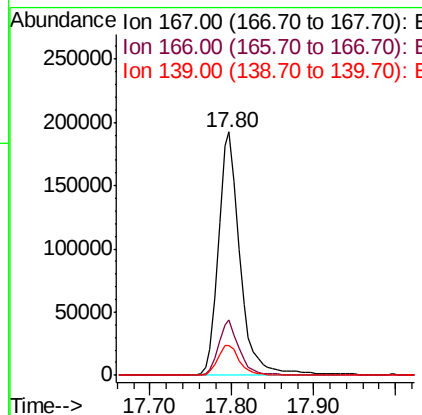
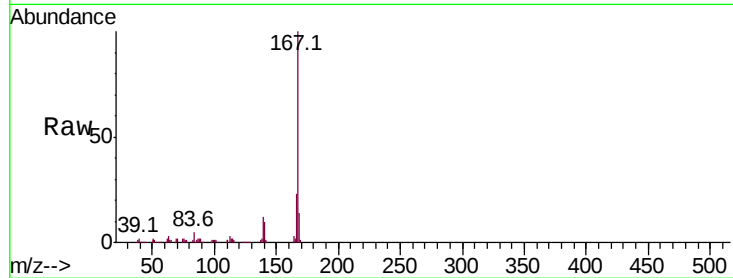
ClientSampleId :

PB124591BS

Tot Ion:	167	Resp:	354654
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.7	28.1
139	12.3	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 39.441 ng

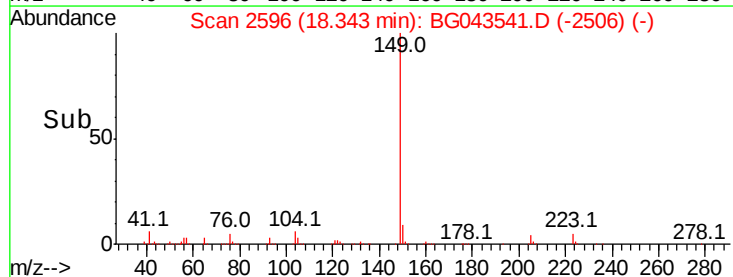
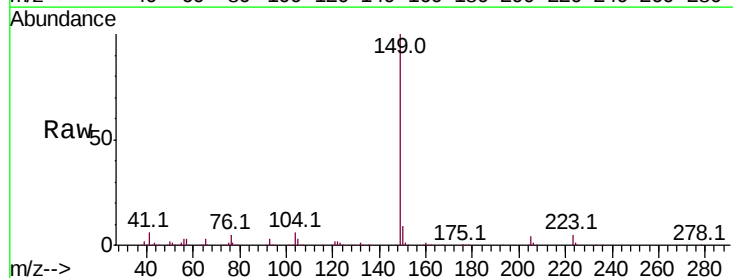
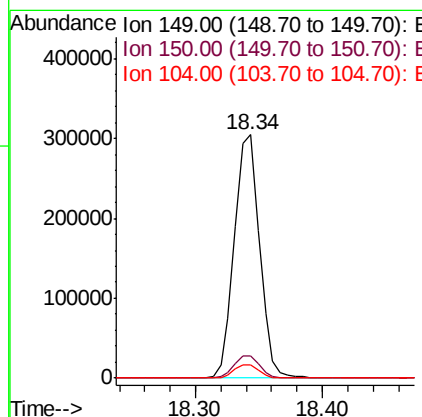
RT: 18.34 min Scan# 2596

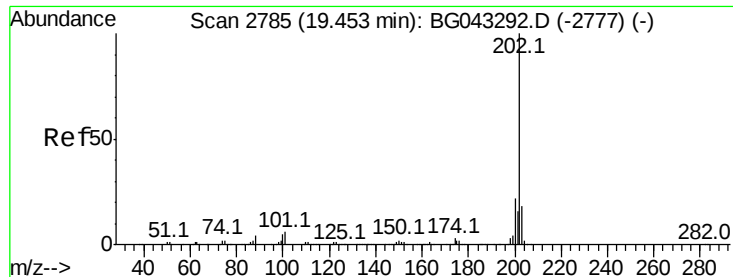
Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	149	Resp:	418858
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.0	12.0
104	5.7	4.4	6.6





#75

Fluoranthene

Concen: 40.487 ng

RT: 19.44 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

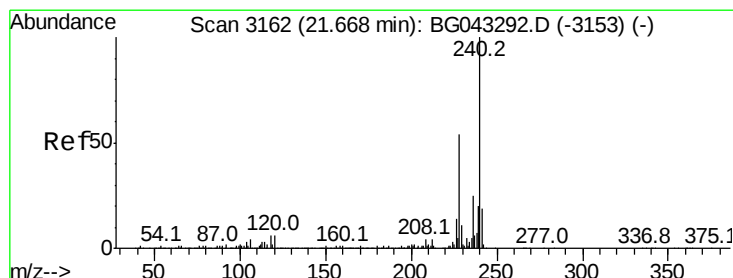
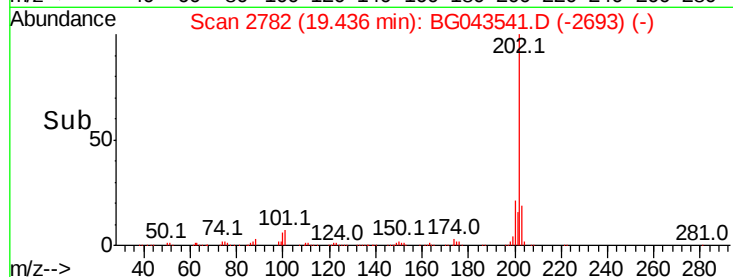
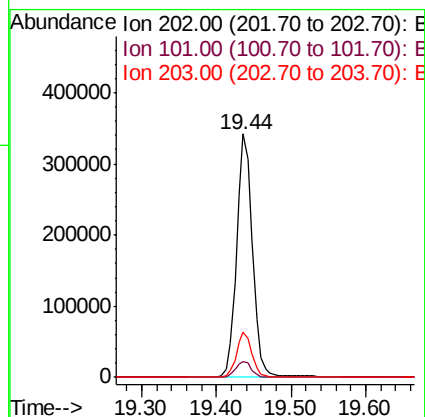
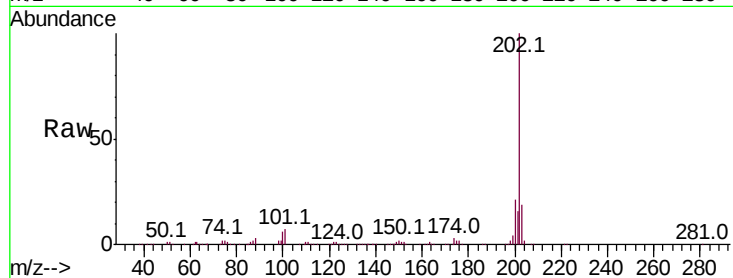
ClientSampleId :

PB124591BS

Tot Ion:	202	Resp:	509877
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.3
203	18.7	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

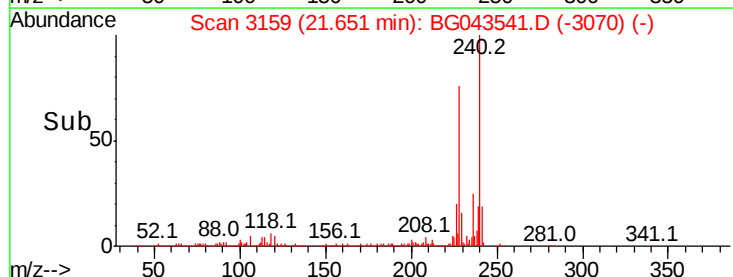
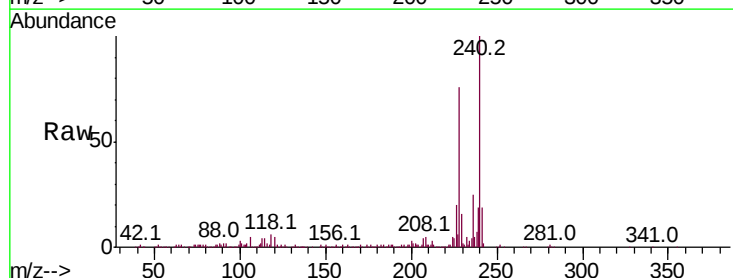
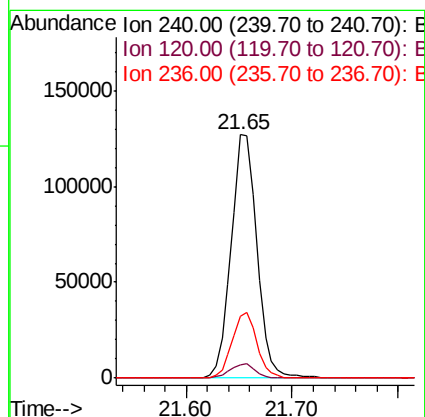
RT: 21.65 min Scan# 3159

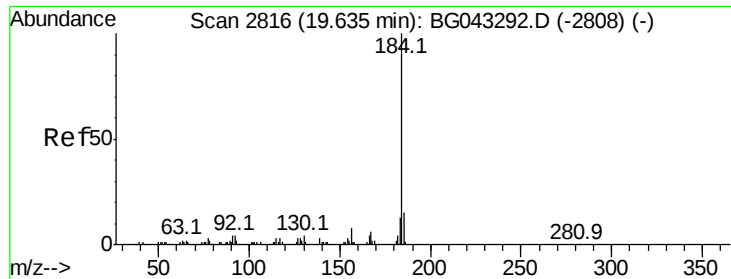
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	240	Resp:	214701
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.6	6.8
236	25.4	19.8	29.8





#77

Benzidine

Concen: 18.873 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

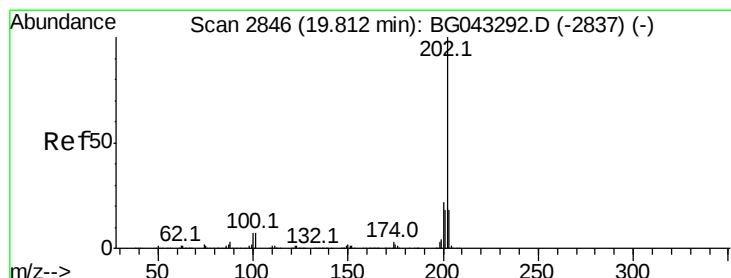
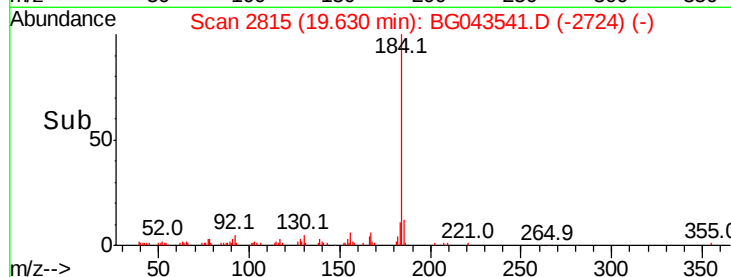
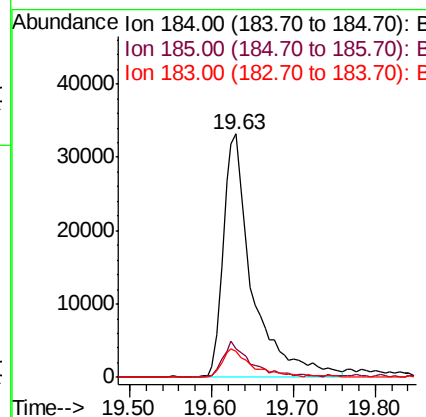
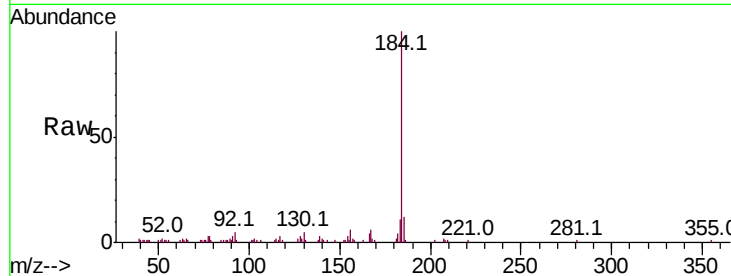
ClientSampleId :

PB124591BS

Tot Ion:	184	Resp:	81550
Ion Ratio	Lower	Upper	
184	100		
185	11.9	11.0	16.4
183	10.8	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 39.392 ng

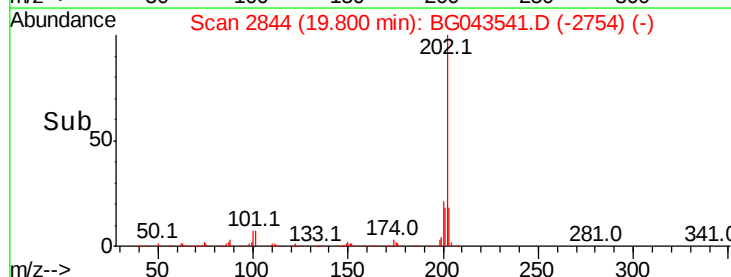
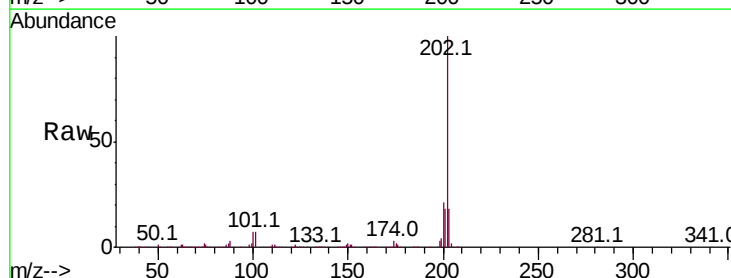
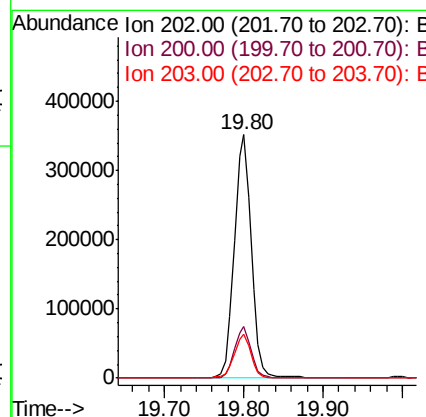
RT: 19.80 min Scan# 2844

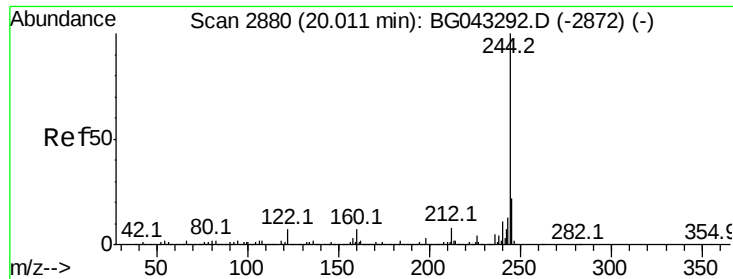
Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	202	Resp:	523513
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	17.9	14.7	22.1





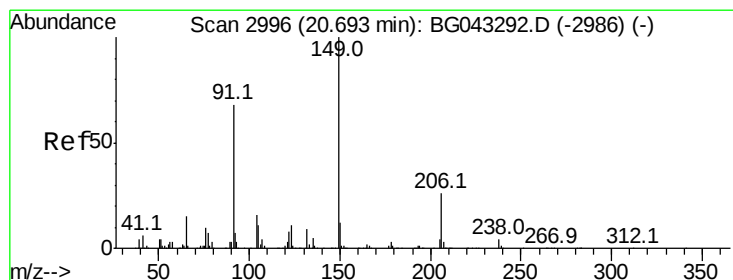
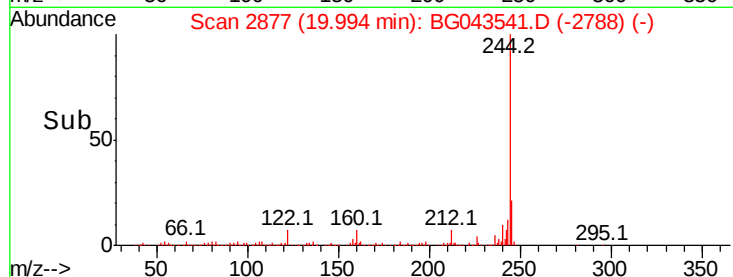
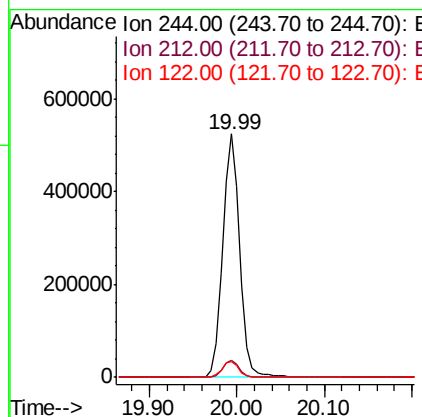
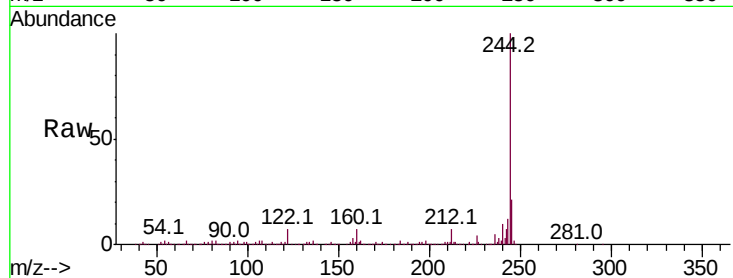
#79
 Terphenyl-d14
 Concen: 61.480 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.7	5.4	8.2

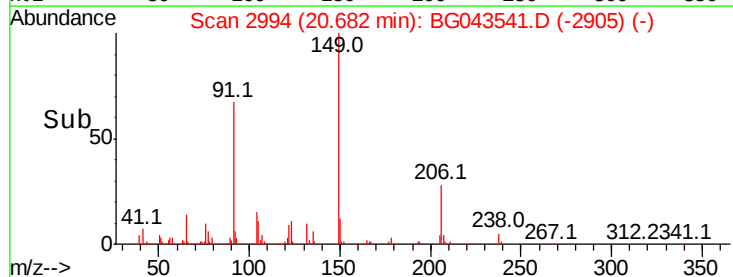
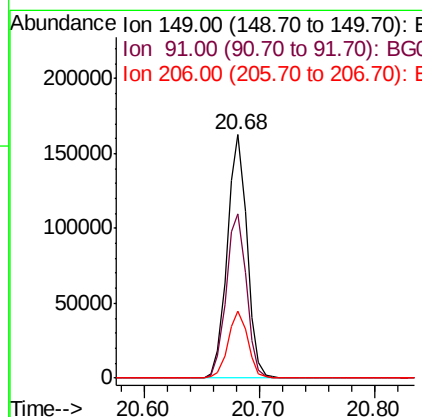
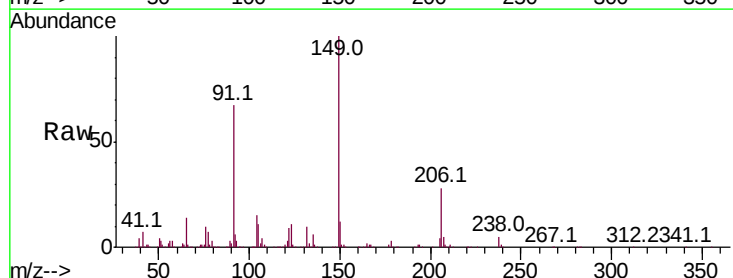
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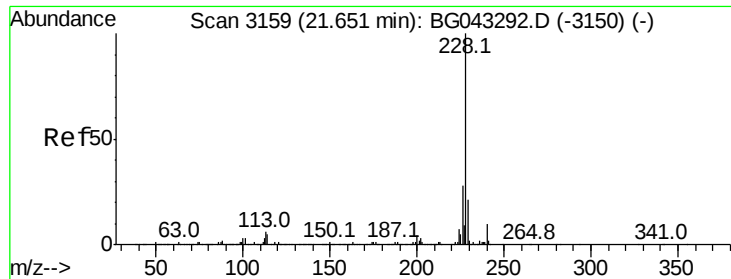
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#80
 Butylbenzylphthalate
 Concen: 38.427 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.5	51.2	76.8
206	27.5	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.127 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

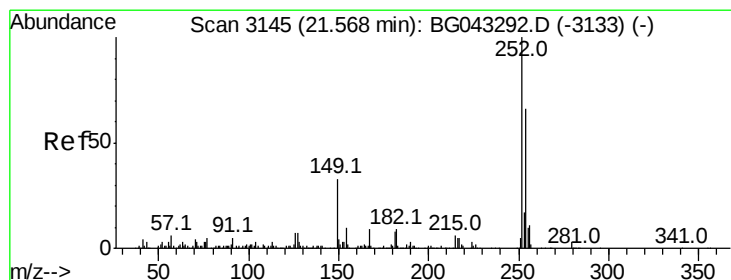
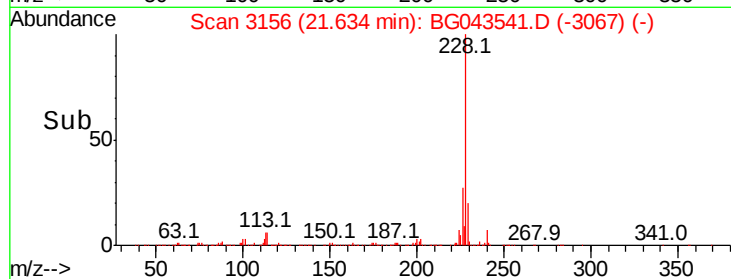
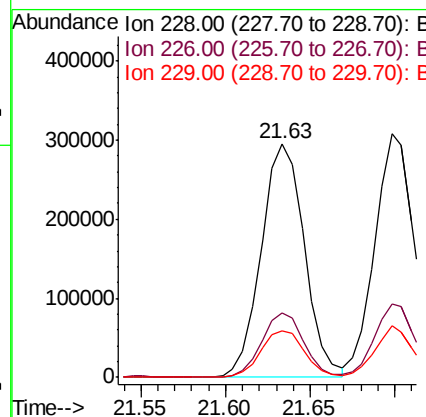
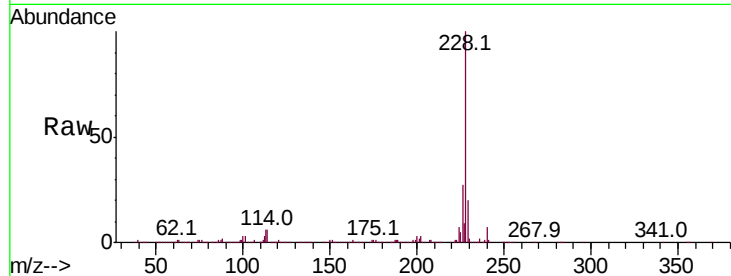
ClientSampleId :

PB124591BS

Tot Ion:	228	Resp:	526213
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.2	33.2
229	20.1	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 32.651 ng

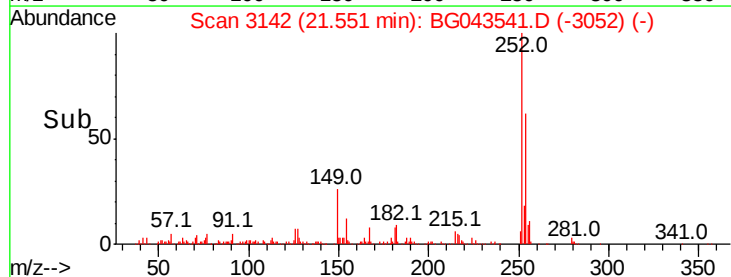
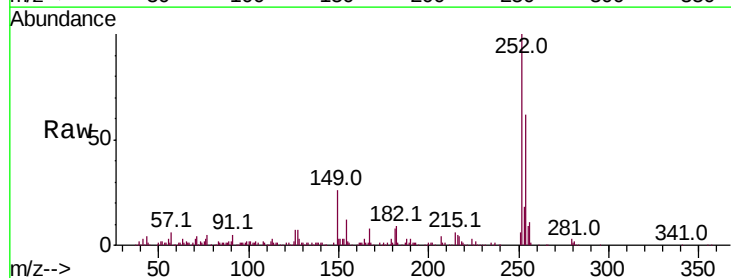
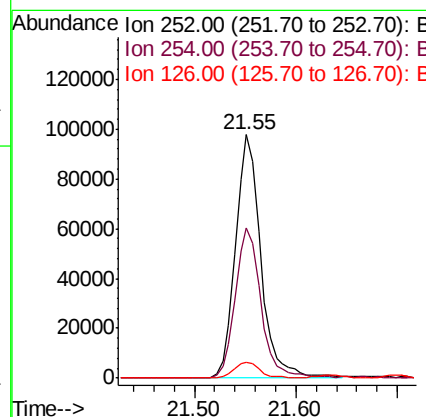
RT: 21.55 min Scan# 3142

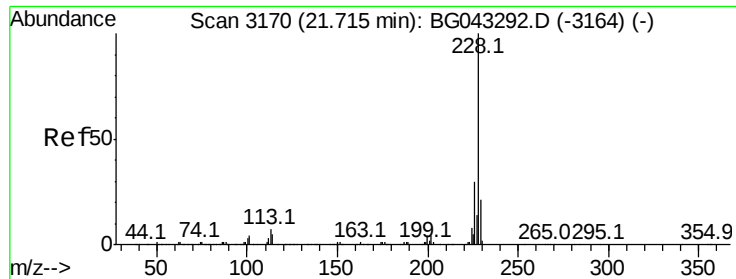
Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	252	Resp:	169838
Ion Ratio	Lower	Upper	
252	100		
254	61.7	50.8	76.2
126	6.6	6.1	9.1





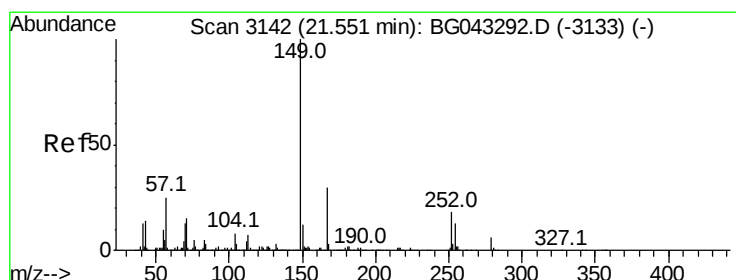
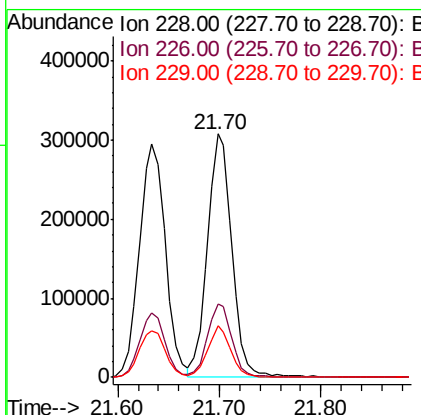
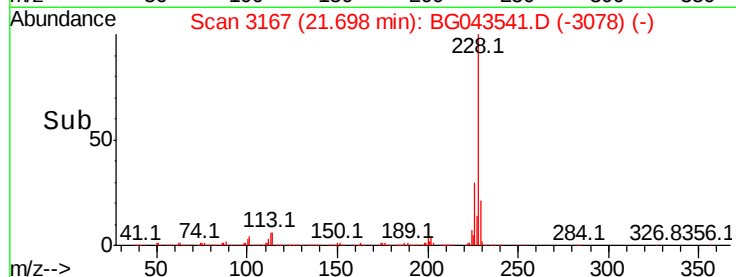
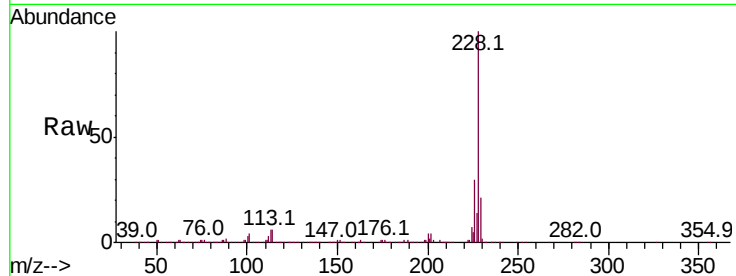
#83
 Chrysene
 Concen: 38.307 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Instrument :
 BNA_G
 ClientSampleId :
 PB124591BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	21.2	17.0	25.4

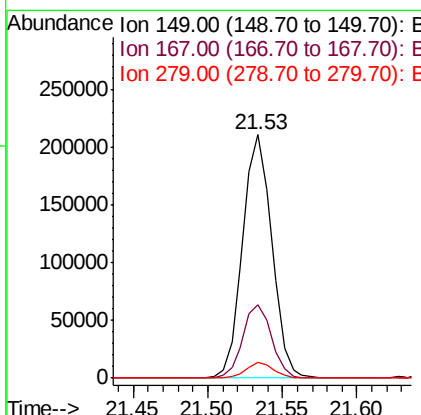
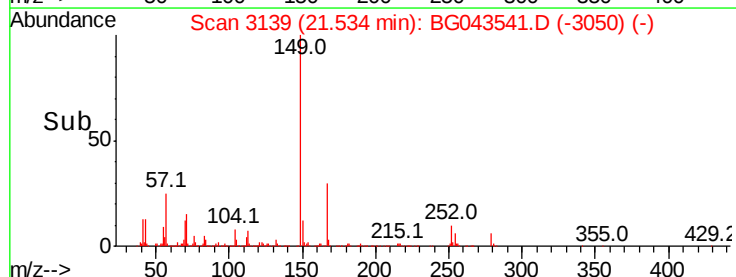
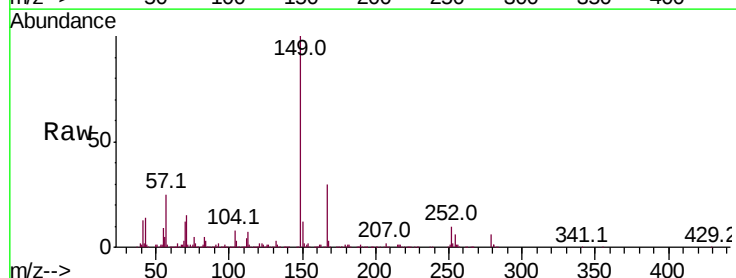
Manual Integrations
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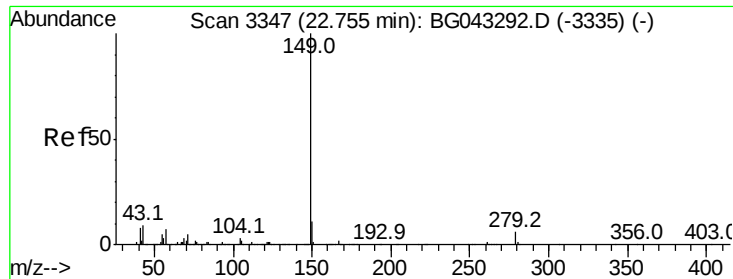
Sohil
 11/8/2019 3:33:01 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.808 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG043541.D
 Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	6.3	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 39.044 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

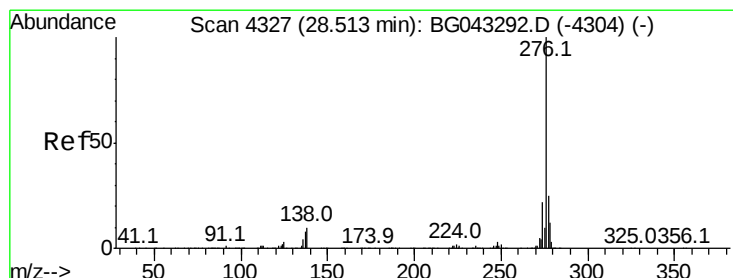
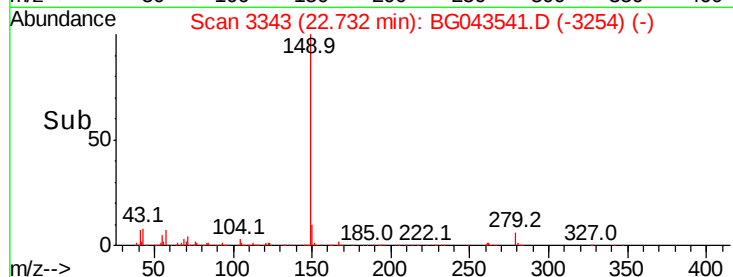
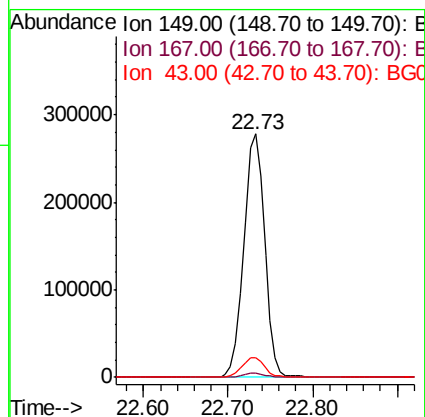
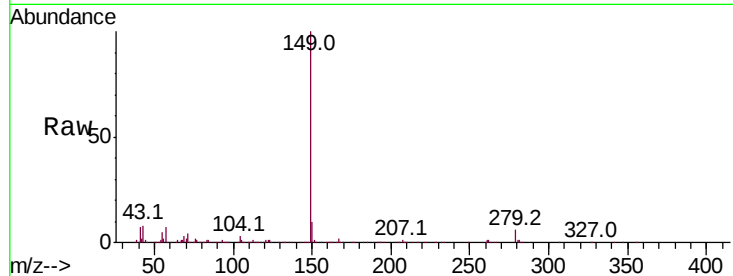
ClientSampleId :

PB124591BS

Tot Ion:	149	Resp:	473774
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	8.1	7.0	10.6

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.773 ng

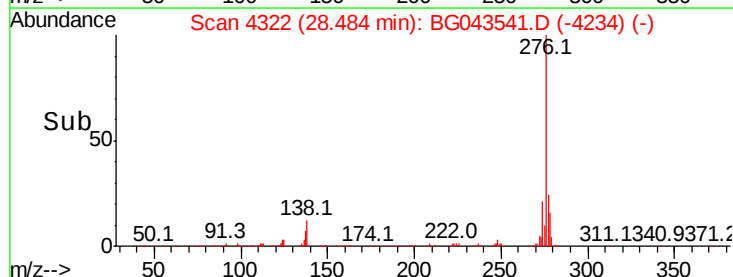
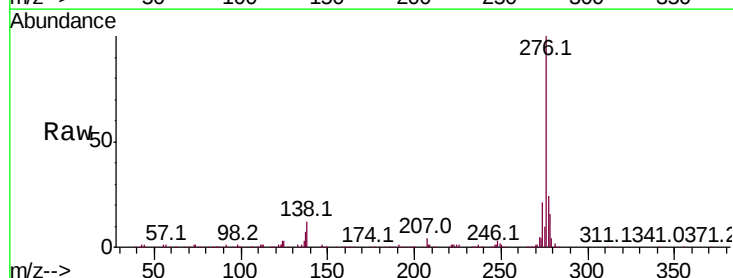
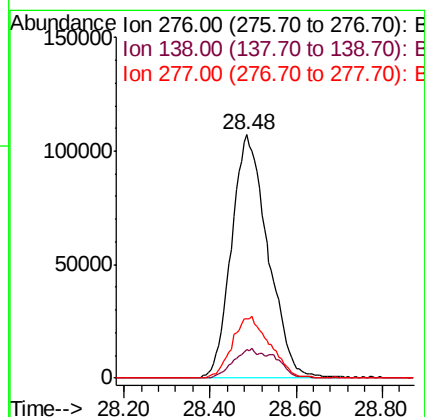
RT: 28.48 min Scan# 4322

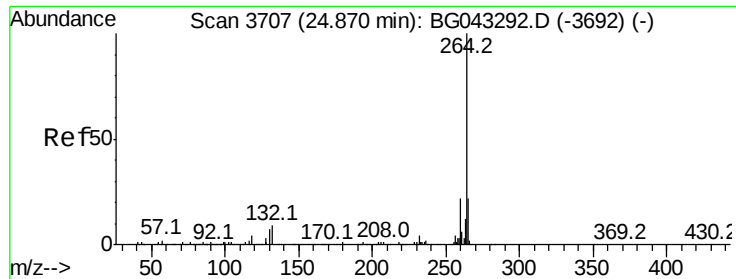
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	276	Resp:	633565
Ion Ratio	Lower	Upper	
276	100		
138	9.9	6.8	10.2
277	26.1	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

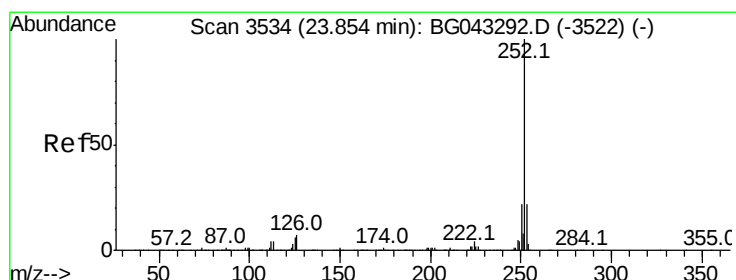
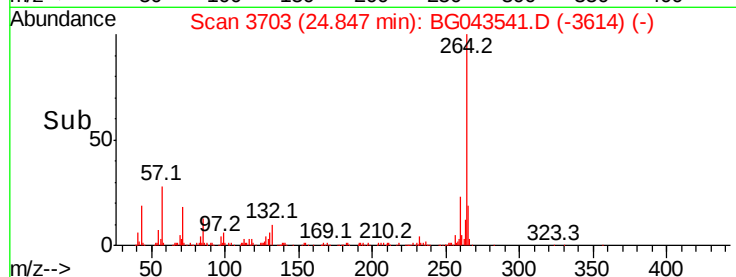
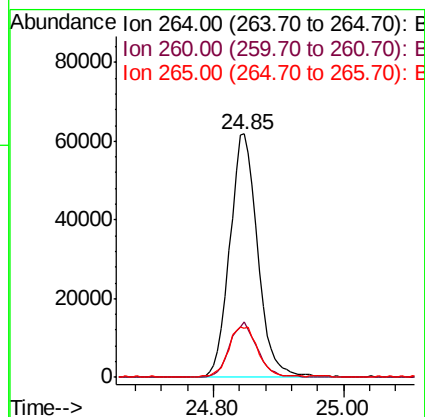
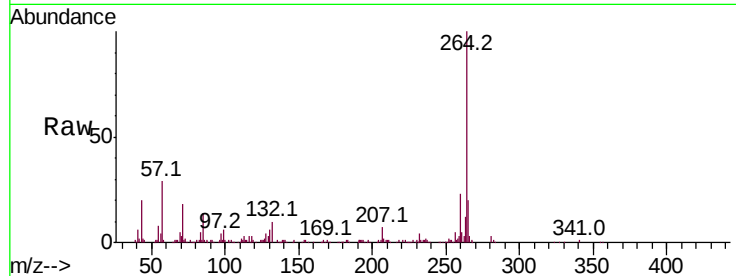
ClientSampleId :

PB124591BS

Tot Ion:	264	Resp:	184036
Ion Ratio	Lower	Upper	
264	100		
260	23.0	17.5	26.3
265	20.3	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 51.511 ng

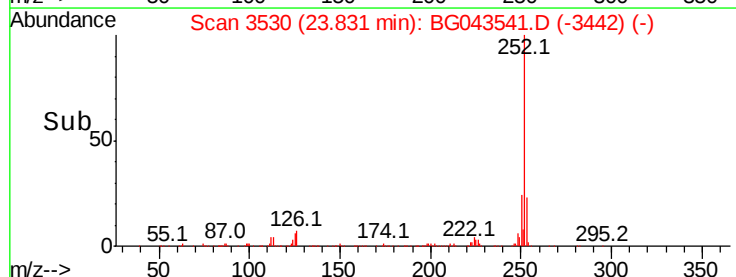
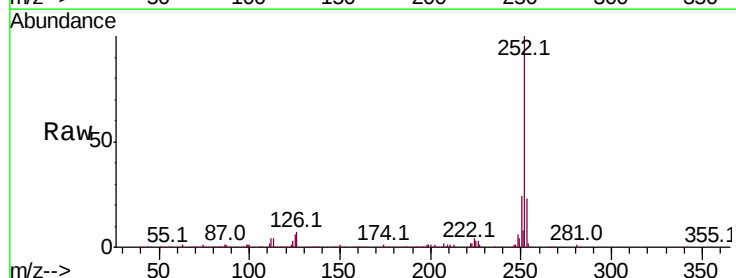
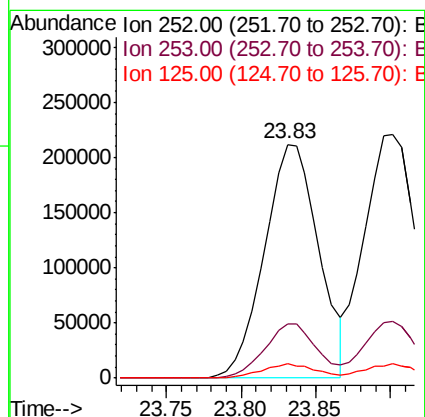
RT: 23.83 min Scan# 3530

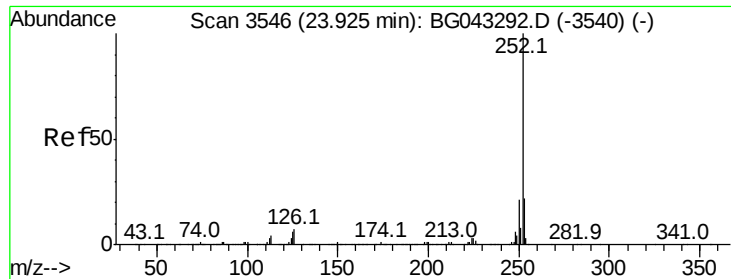
Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	252	Resp:	536909
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	6.0	4.5	6.7





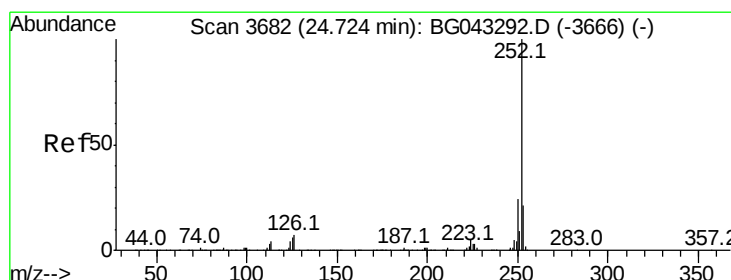
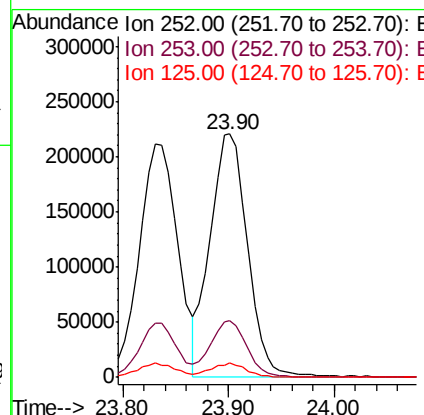
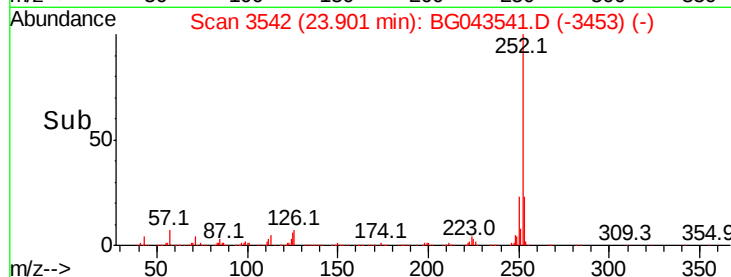
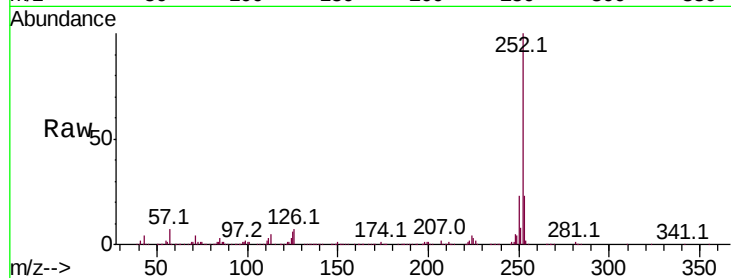
#89
Benzo(k)fluoranthene
Concen: 51.773 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Instrument :
BNA_G
ClientSampleId :
PB124591BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	5.9	4.6	6.8

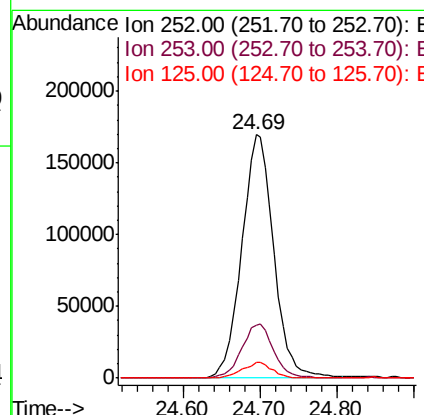
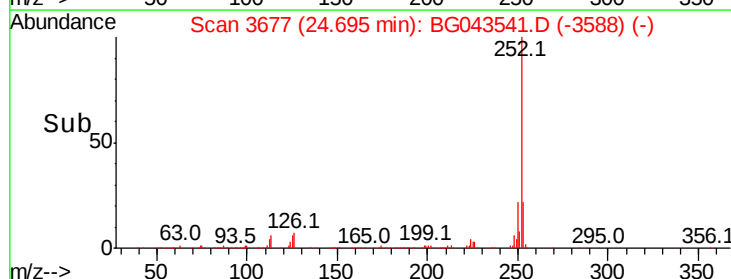
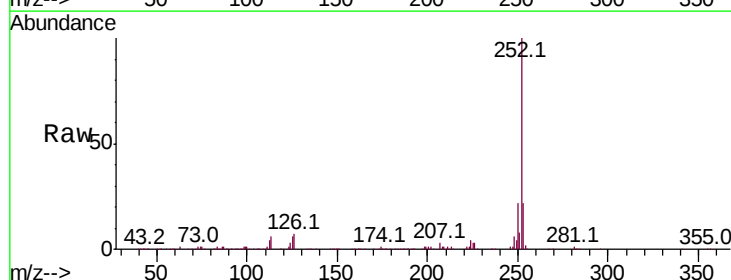
Manual Integrations
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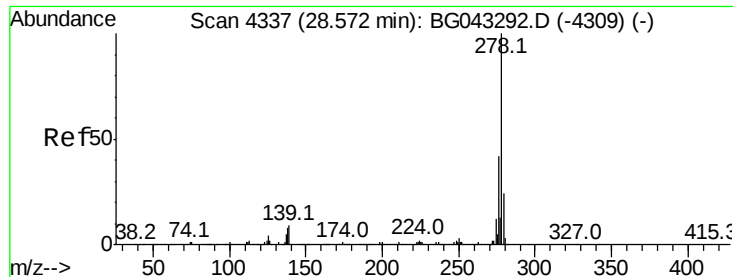
Sohil
11/8/2019 3:33:01 PM



#90
Benzo(a)pyrene
Concen: 49.347 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG043541.D
Acq: 7 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	6.3	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 53.381 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Instrument :

BNA_G

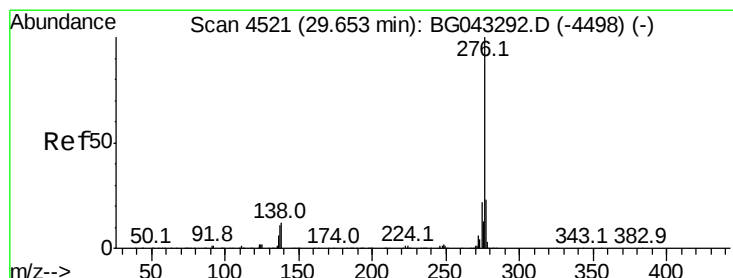
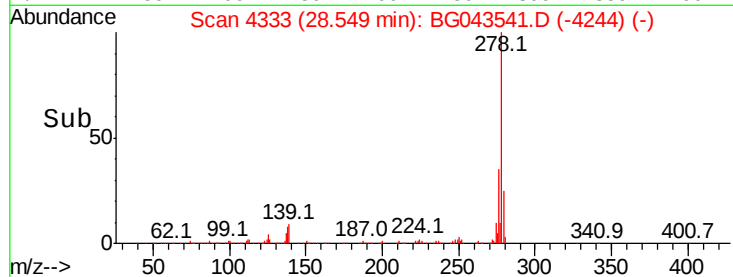
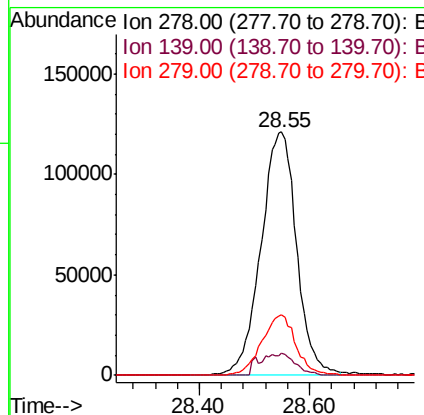
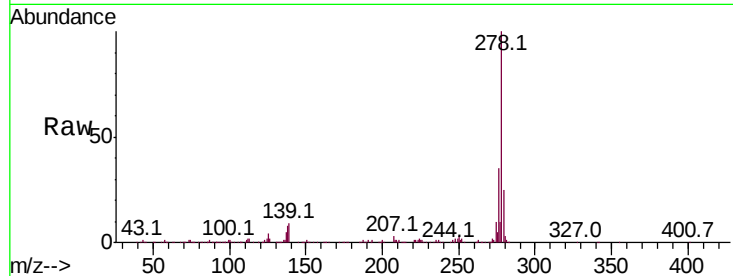
ClientSampleId :

PB124591BS

Tot Ion:	278	Resp:	543463
Ion Ratio	Lower	Upper	
278	100		
139	8.9	7.4	11.0
279	24.8	19.1	28.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:33:01 PM



#92

Benzo(g,h,i)perylene

Concen: 52.680 ng m

RT: 29.63 min Scan# 4517

Delta R.T. 0.00 min

Lab File: BG043541.D

Acq: 7 Nov 2019 16:16

Tgt Ion:	276	Resp:	529032
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	10.6	8.9	13.3

