

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043521.D
 Acq On : 6 Nov 2019 15:39
 Operator : JU
 Sample : PB124447BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124447BS

Manual Integrations
 APPROVED

Sohil
 11/8/2019 3:29:50 PM

Quant Time: Nov 06 17:56:17 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	30789	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127314	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94512	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	221387	20.00	ng	0.00
76) Chrysene-d12	21.66	240	253481	20.00	ng	0.00
87) Perylene-d12	24.86	264	231702	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	225540	134.23	ng	0.00
7) Phenol-d6	7.20	99	296015	122.45	ng	0.00
23) Nitrobenzene-d5	9.17	82	151869	61.50	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	187868	104.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	416567	60.90	ng	0.00
79) Terphenyl-d14	20.00	244	831858	61.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	24970	38.136	ng	98
3) Pyridine	3.87	79	59274	35.887	ng	93
4) n-Nitrosodimethylamine	3.79	42	35077	42.087	ng	94
6) Aniline	7.34	93	79444	28.528	ng	99
8) 2-Chlorophenol	7.58	128	89750	48.389	ng	98
9) Benzaldehyde	7.15	77	25399	21.379	ng	# 81
10) Phenol	7.22	94	107195	48.526	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	73697	43.151	ng	93
12) 1,3-Dichlorobenzene	7.90	146	95418	41.060	ng	96
13) 1,4-Dichlorobenzene	8.05	146	96819	41.179	ng	95
14) 1,2-Dichlorobenzene	8.36	146	94539	41.181	ng	95
15) Benzyl Alcohol	8.26	79	75813	44.655	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98217	39.549	ng	97
17) 2-Methylphenol	8.47	107	75943	47.158	ng	97
18) Hexachloroethane	9.09	117	34642	40.838	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	63437	40.610	ng	96
20) 3+4-Methylphenols	8.80	107	100211	45.380	ng	96
22) Acetophenone	8.83	105	127581	39.131	ng	# 96
24) Nitrobenzene	9.22	77	97077	41.266	ng	# 94
25) Isophorone	9.73	82	182889	40.508	ng	97
26) 2-Nitrophenol	9.93	139	50844	44.767	ng	# 93
27) 2,4-Dimethylphenol	10.00	122	81054	49.793	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	99918	40.098	ng	99
29) 2,4-Dichlorophenol	10.48	162	92437	44.320	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	105201	40.020	ng	99
31) Naphthalene	10.87	128	268881	41.607	ng	99
32) Benzoic acid	10.16	122	40768m	35.665	ng	
33) 4-Chloroaniline	10.98	127	67234	25.381	ng	96
34) Hexachlorobutadiene	11.15	225	73578	37.864	ng	95
35) Caprolactam	11.75	113	29909m	41.638	ng	
36) 4-Chloro-3-methylphenol	12.12	107	98051	43.099	ng	95
37) 2-Methylnaphthalene	12.47	142	208678	42.085	ng	98
38) 1-Methylnaphthalene	12.69	142	195355	41.407	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	129307	36.969	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	98419	53.565	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	83305	40.442	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	88575	42.533	nq	94
46) 1,1'-Biphenyl	13.47	154	276629	38.474	nq	98
47) 2-Chloronaphthalene	13.52	162	213229	38.977	nq	99
48) 2-Nitroaniline	13.72	65	63525	38.852	nq	96
49) Acenaphthylene	14.36	152	346349	40.679	nq	99
50) Dimethylphthalate	14.10	163	282083	38.533	nq	98
51) 2,6-Dinitrotoluene	14.22	165	65198	40.995	nq	96
52) Acenaphthene	14.71	154	205833	39.642	nq	98
53) 3-Nitroaniline	14.56	138	45447	29.598	nq	91
54) 2,4-Dinitrophenol	14.76	184	77700	78.399	nq	96
55) Dibenzofuran	15.04	168	338461	40.197	nq	97
56) 4-Nitrophenol	14.89	139	93263	90.637	nq	89
57) 2,4-Dinitrotoluene	15.01	165	93852	41.293	nq	99
58) Fluorene	15.69	166	280803	39.762	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	87010	39.326	nq	95
60) Diethylphthalate	15.46	149	287287	39.057	nq	97
61) 4-Chlorophenyl-phenylether	15.68	204	158311	38.426	nq	98
62) 4-Nitroaniline	15.72	138	64635	40.759	nq	95
63) Azobenzene	15.97	77	234135	39.330	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	59097	45.359	nq	95
66) n-Nitrosodiphenylamine	15.90	169	251106	40.175	nq	96
67) 4-Bromophenyl-phenylether	16.57	248	113858	38.215	nq	97
68) Hexachlorobenzene	16.70	284	125084	36.575	nq	98
69) Atrazine	16.85	200	105597	48.621	nq	96
70) Pentachlorophenol	17.05	266	132720	85.167	nq	98
71) Phenanthrene	17.43	178	454617	40.101	nq	99
72) Anthracene	17.52	178	466835	41.158	nq	98
73) Carbazole	17.79	167	437233	42.568	nq	99
74) Di-n-butylphthalate	18.35	149	512284	41.104	nq	98
75) Fluoranthene	19.44	202	608893	41.198	nq	99
77) Benzidine	19.63	184	128986	25.285	nq	99
78) Pyrene	19.80	202	617917	39.382	nq	100
80) Butylbenzylphthalate	20.68	149	231613	38.963	nq	97
81) Benzo(a)anthracene	21.64	228	640940	40.367	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	212098	34.537	nq	97
83) Chrysene	21.71	228	631038	40.000	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	345020	40.859	nq	99
85) Di-n-octyl phthalate	22.73	149	590656	41.230	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	817879	41.301	nq	# 98
88) Benzo(b)fluoranthene	23.85	252	669165	50.992	nq	98
89) Benzo(k)fluoranthene	23.91	252	694190	52.547	nq	97
90) Benzo(a)pyrene	24.71	252	625406	49.907	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	698274	54.477	nq	99
92) Benzo(g,h,i)perylene	29.65	276	692279	54.754	nq	99

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

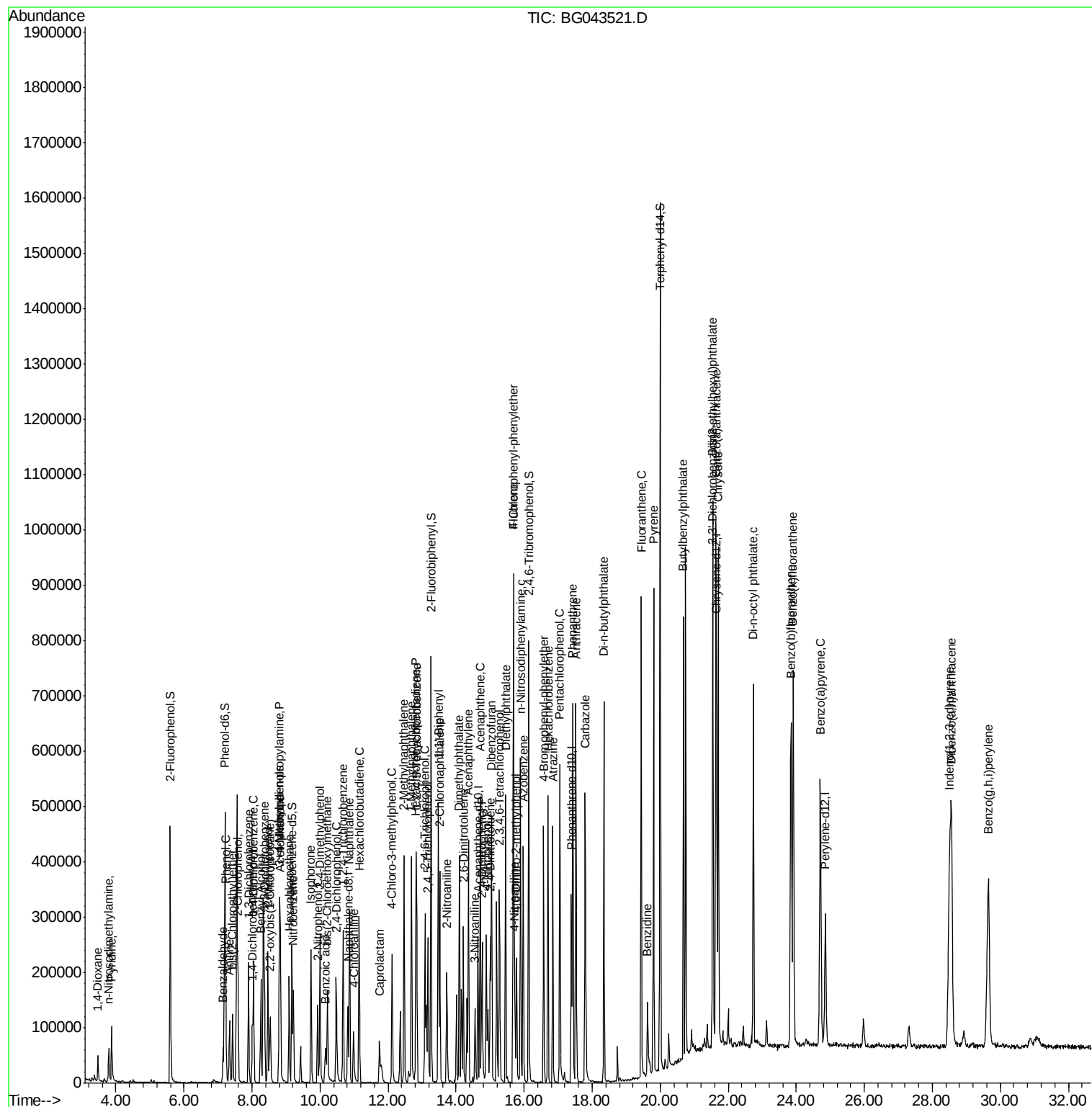
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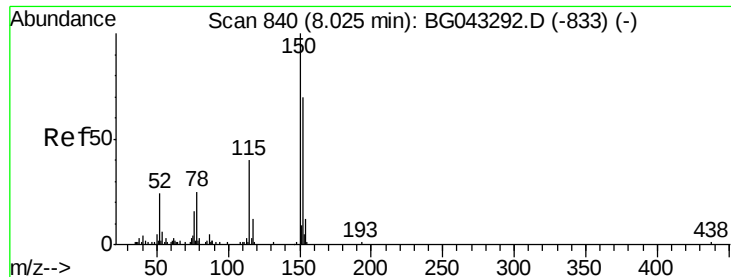
Instrument :
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Client Sample ID :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

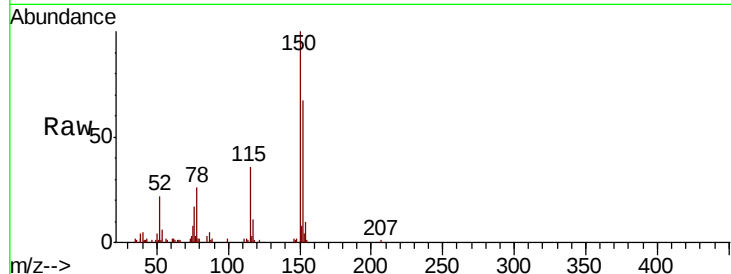
ClientSampleId :

PB124447BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	129.4	194.0
115	53.3	48.8	73.2

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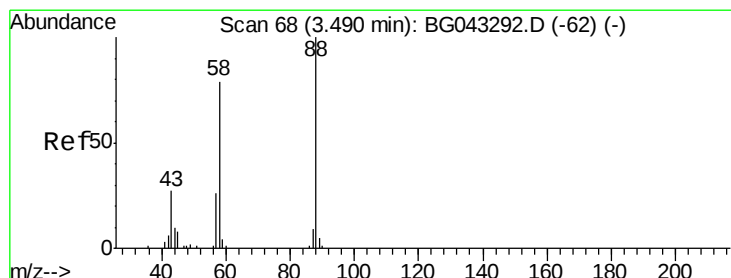
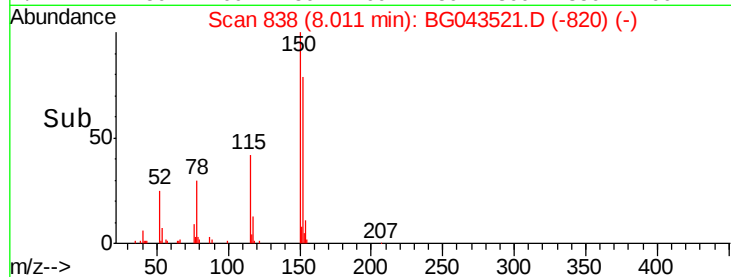
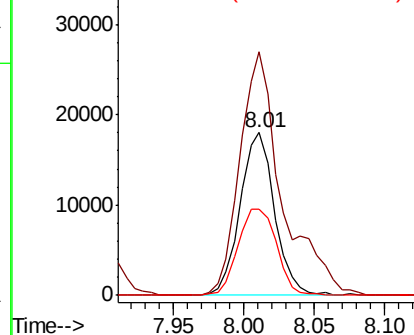


Abundance

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: 38.136 ng

RT: 3.47 min Scan# 65

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

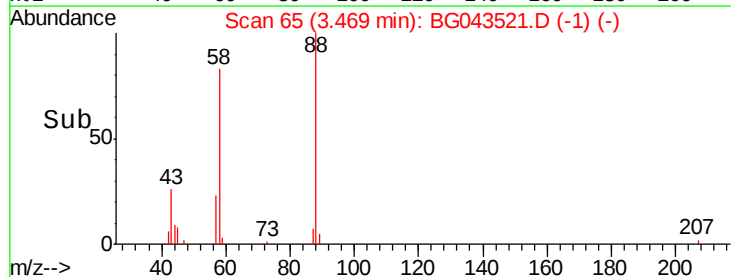
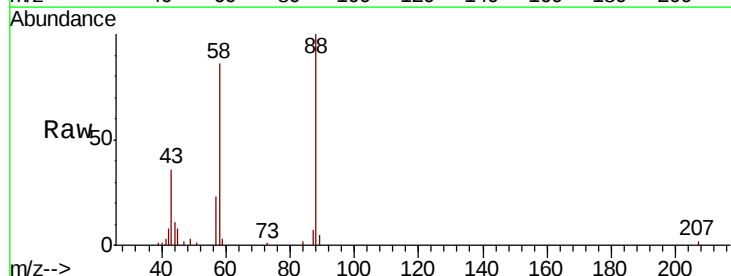
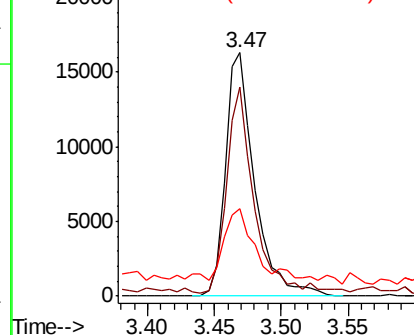
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.7	94.1
43	30.7	23.7	35.5

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: 35.887 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

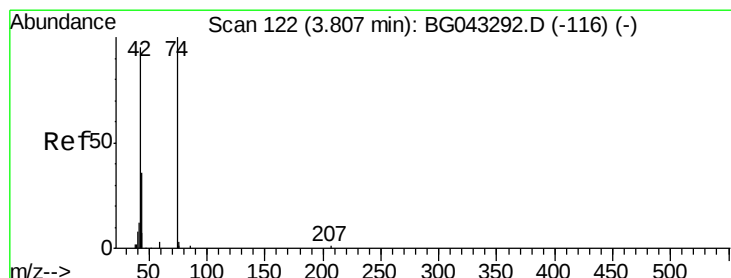
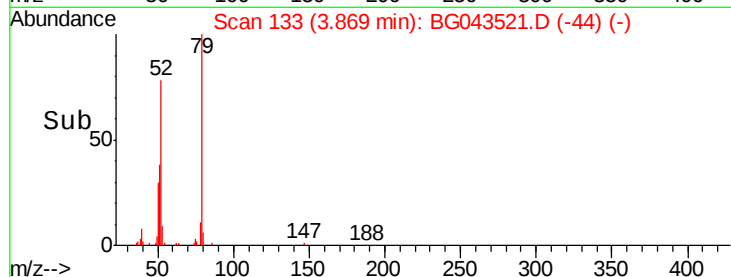
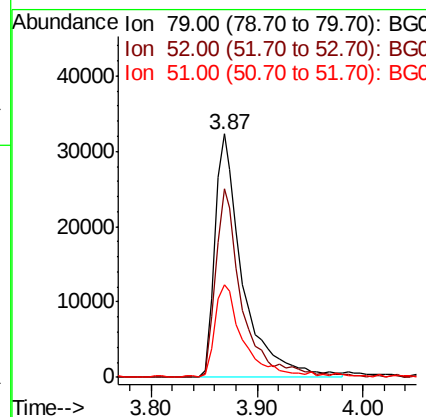
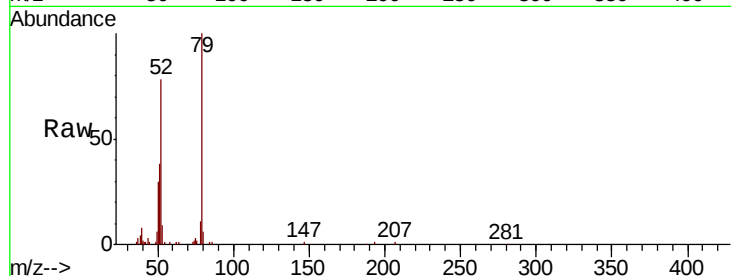
ClientSampleId :

PB124447BS

Tot Ion:	79	Resp:	59274
Ion Ratio	Lower	Upper	
79	100		
52	77.7	56.5	84.7
51	38.1	33.2	49.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.087 ng

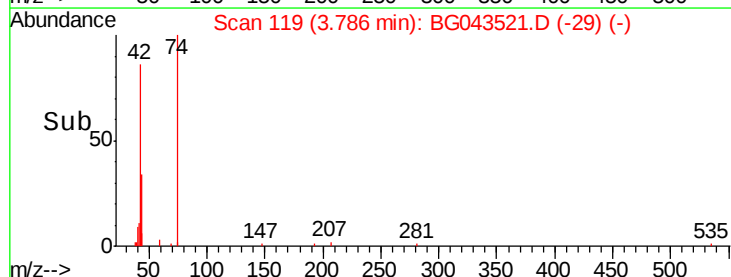
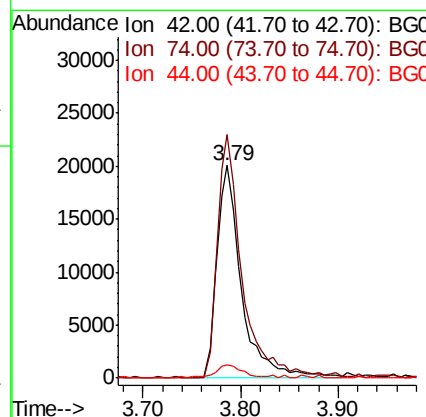
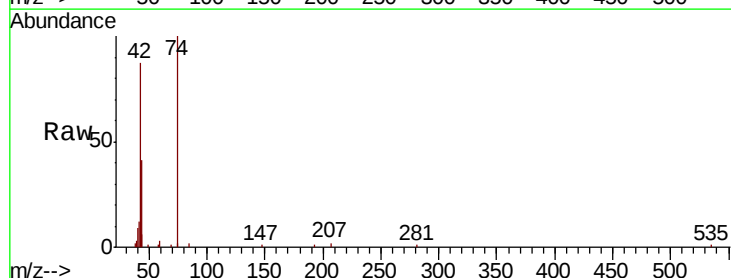
RT: 3.79 min Scan# 119

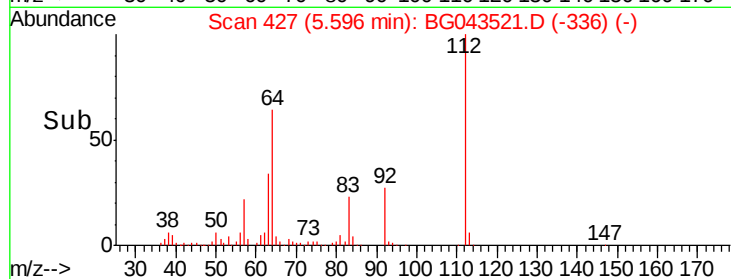
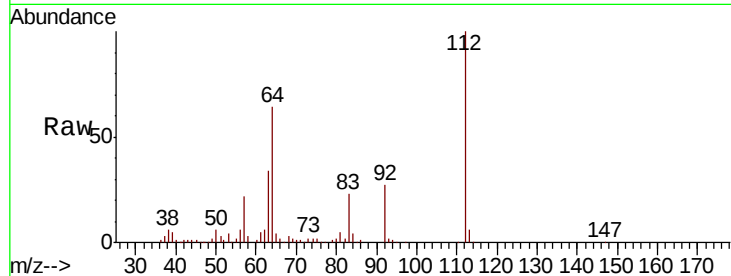
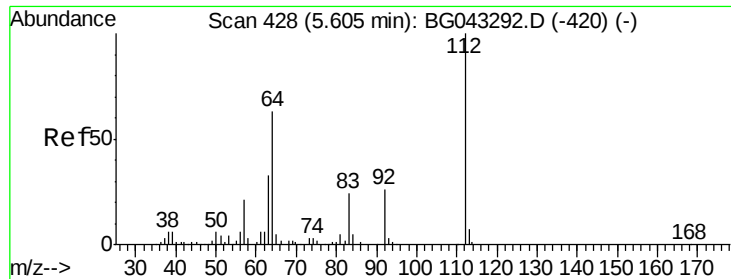
Delta R.T. -0.00 min

Lab File: BG043521.D

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Tgt Ion:	42	Resp:	35077
Ion Ratio	Lower	Upper	
42	100		
74	114.5	97.3	145.9
44	6.4	4.4	6.6





#5

2-Fluorophenol

Concen: 134.233 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

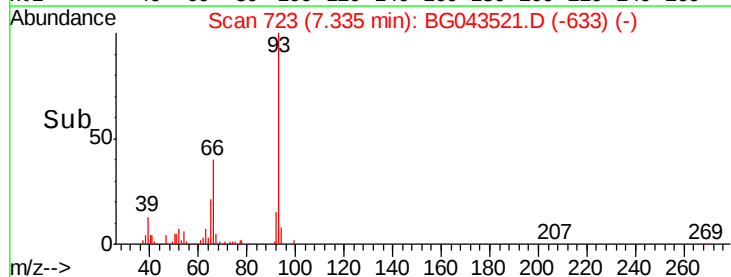
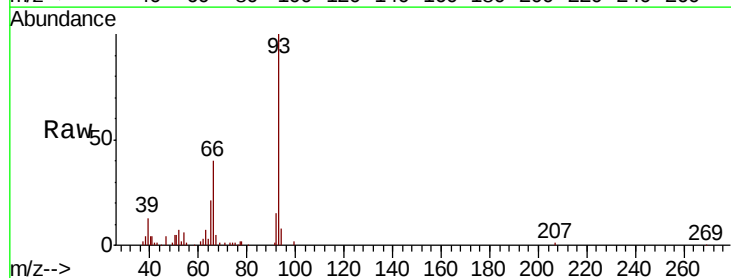
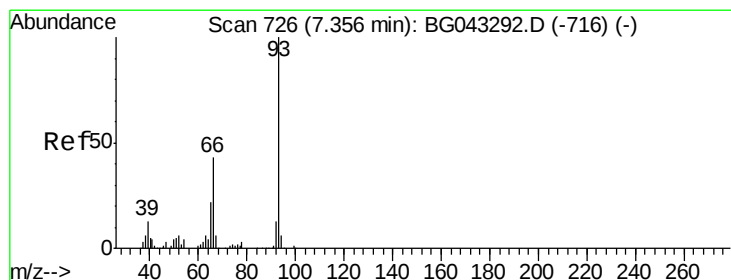
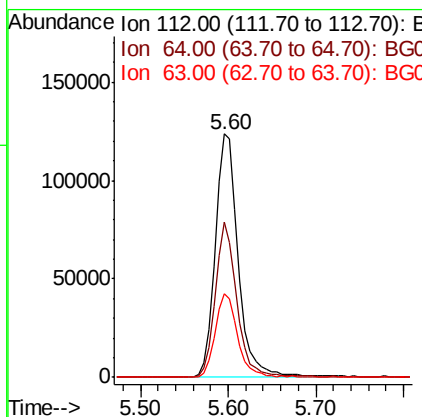
ClientSampleId :

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Tot Ion:	112	Resp:	225540
Ion Ratio	Lower	Upper	
112	100		
64	63.6	50.0	75.0
63	34.5	26.6	40.0

Manual Integrations
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#6

Aniline

Concen: 28.528 ng

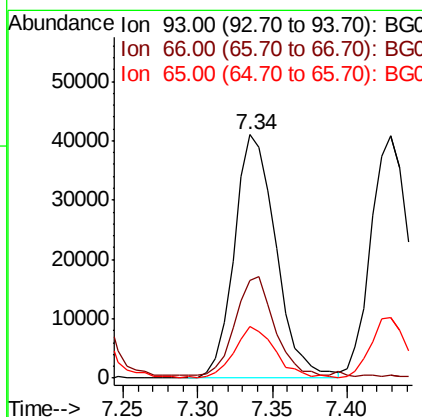
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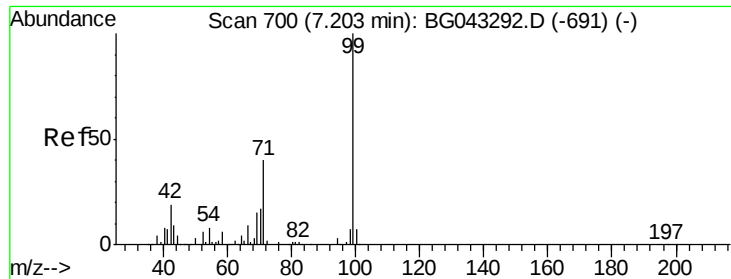
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	93	Resp:	79444
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.3	48.5
65	21.1	16.1	24.1





#7

Phenol-d6

Concen: 122.450 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

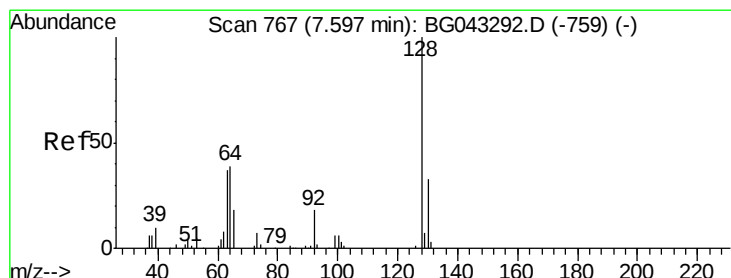
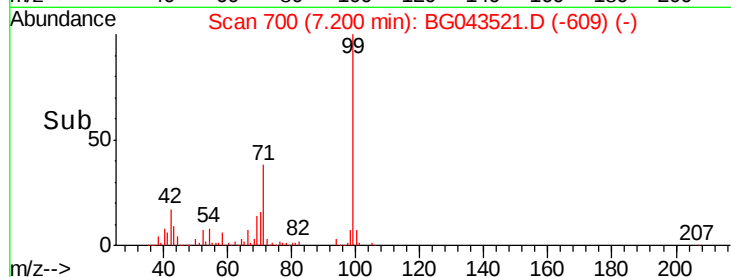
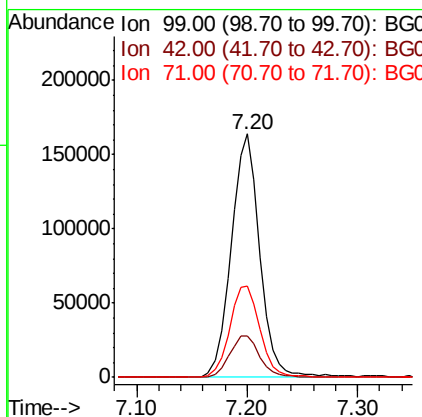
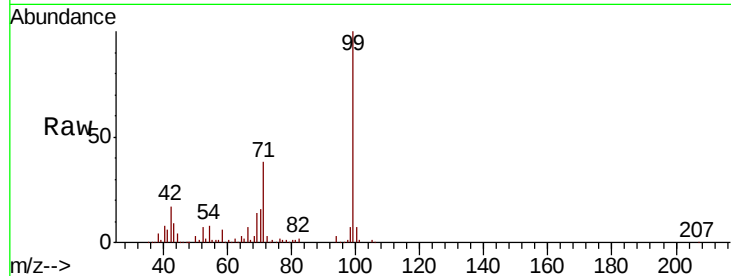
ClientSampleId :

PB124447BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		296015		
42	17.0	14.6	21.8		
71	37.6	32.5	48.7		

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#8

2-Chlorophenol

Concen: 48.389 ng

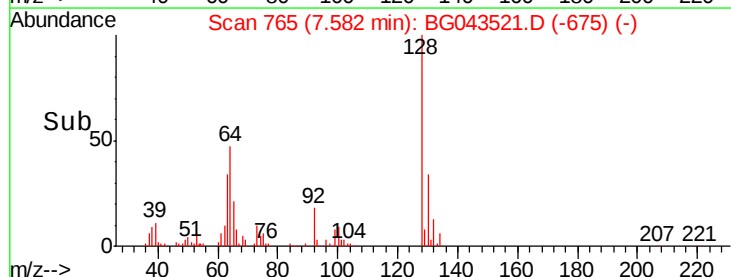
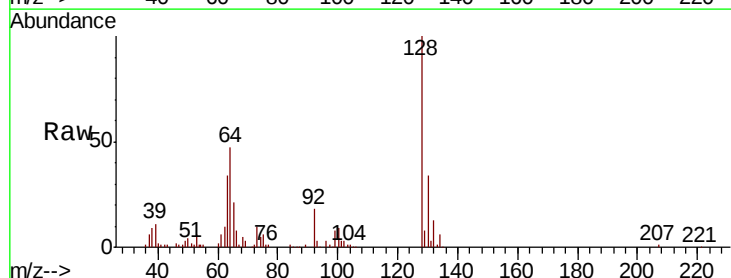
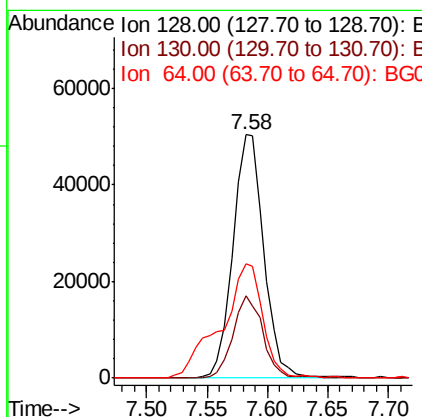
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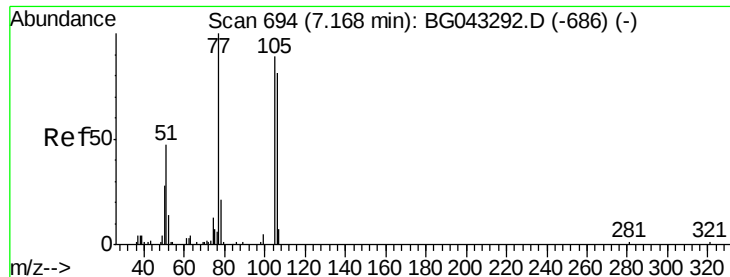
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		89750		
130	33.8	12.5	52.5		
64	46.9	25.3	65.3		





#9

Benzaldehyde

Concen: 21.379 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

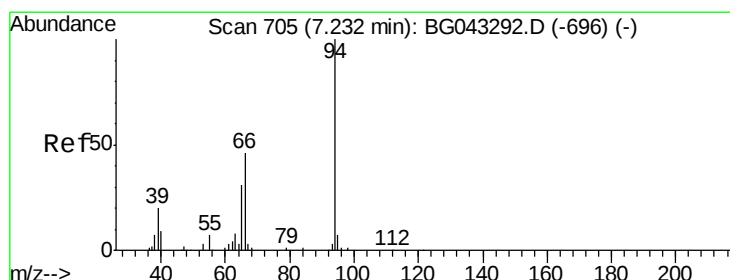
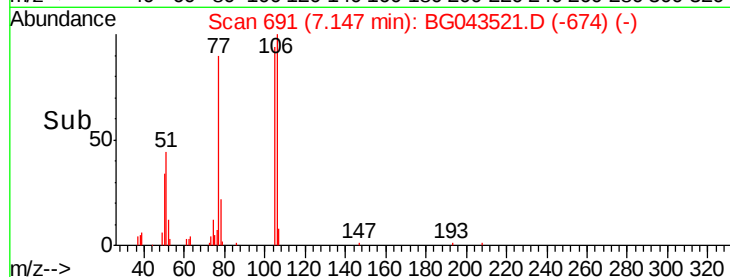
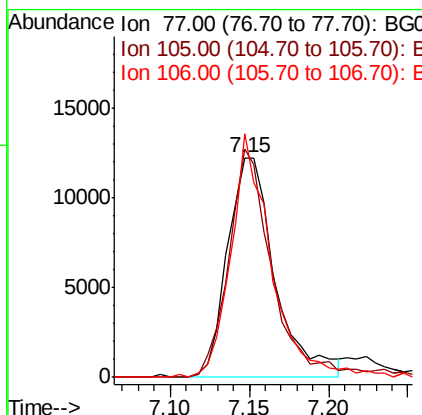
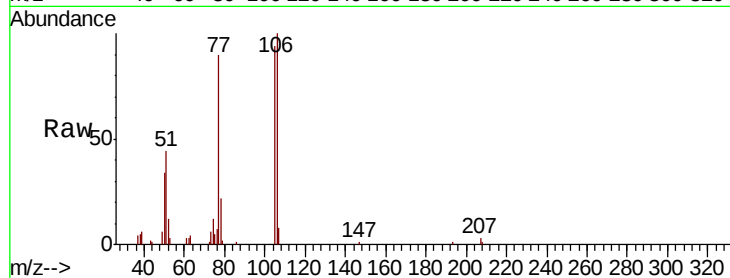
ClientSampleId :

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Tot Ion:	77	Resp:	25399
Ion	Ratio	Lower	Upper
77	100		
105	103.7	68.6	108.6
106	110.8	69.9	109.9#

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#10

Phenol

Concen: 48.526 ng

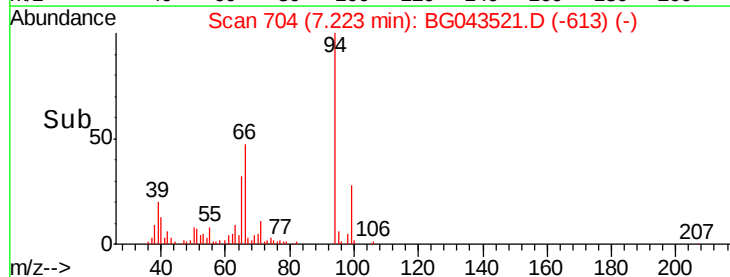
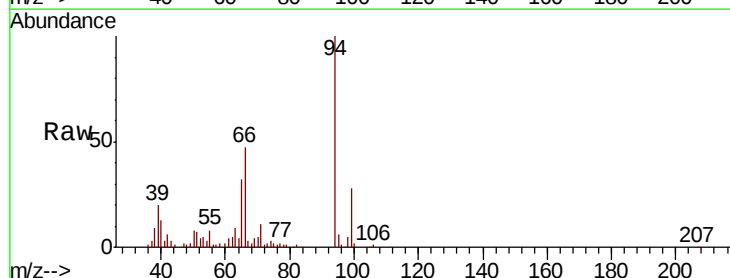
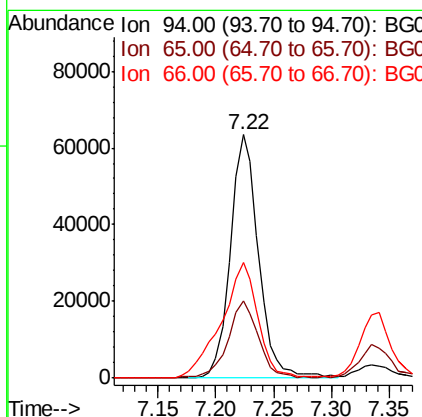
RT: 7.22 min Scan# 704

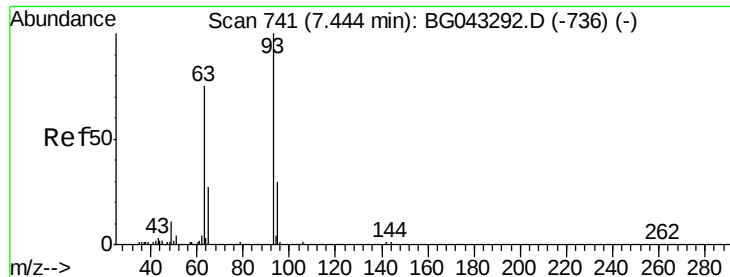
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	94	Resp:	107195
Ion	Ratio	Lower	Upper
94	100		
65	31.5	12.6	52.6
66	47.3	30.7	70.7





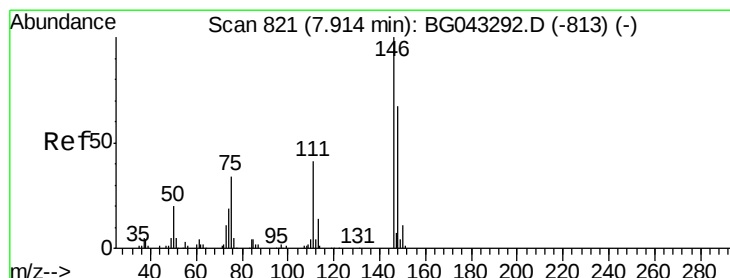
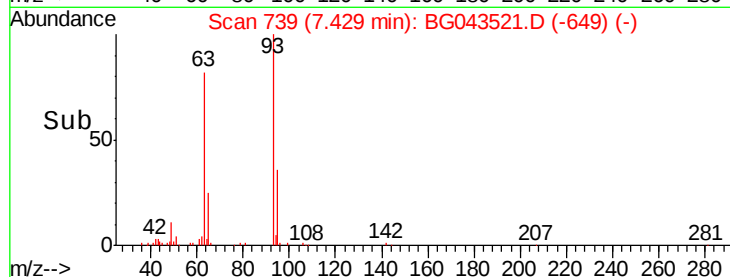
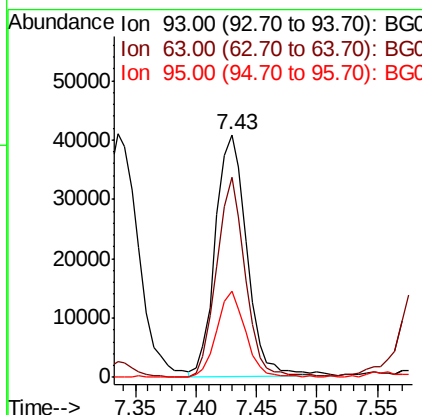
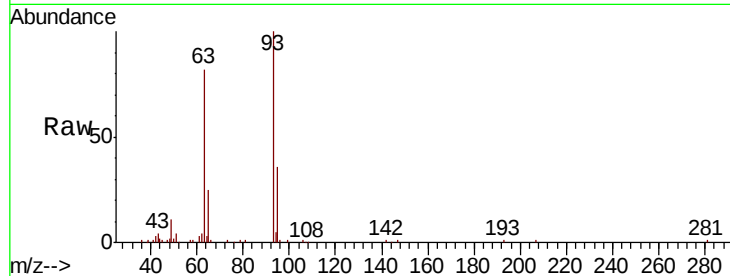
#11
bis(2-Chloroethyl)ether
Concen: 43.151 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampled :
PB124447BS

Tot Ion:	93	Resp:	73697
Ion	Ratio	Lower	Upper
93	100		
63	82.3	56.3	96.3
95	35.5	12.2	52.2

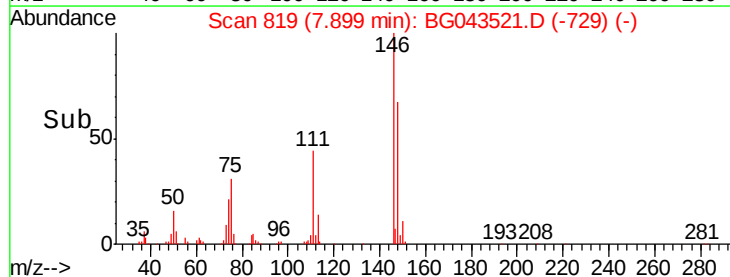
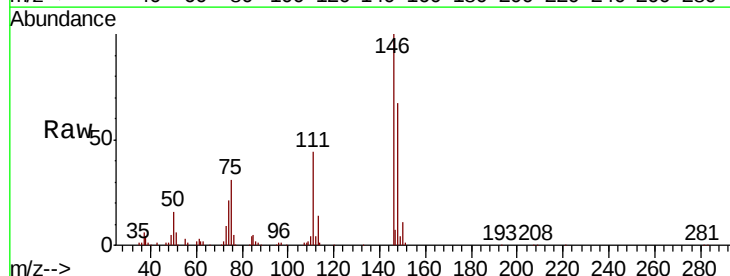
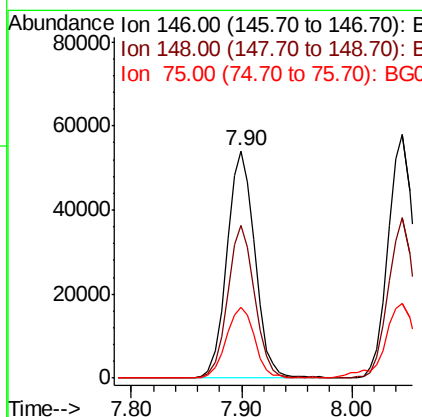
Manual Integrations
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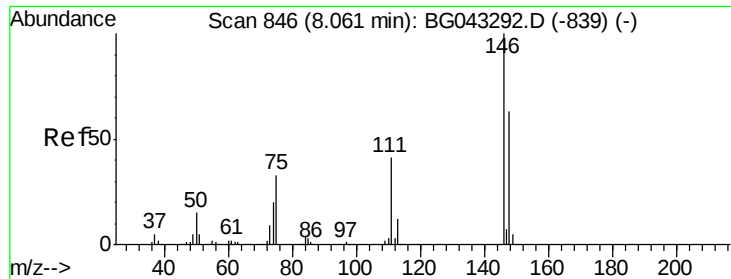
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#12
1,3-Dichlorobenzene
Concen: 41.060 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion:	146	Resp:	95418
Ion	Ratio	Lower	Upper
146	100		
148	67.1	50.3	75.5
75	31.1	24.6	37.0





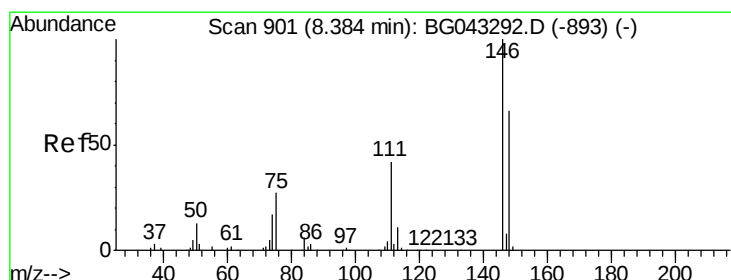
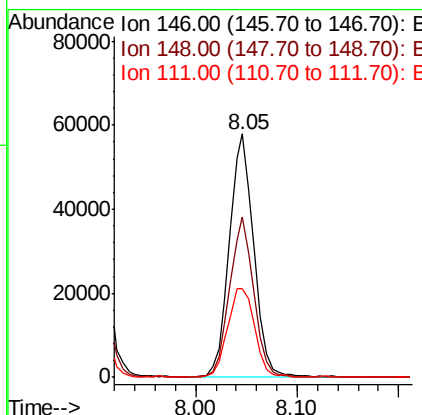
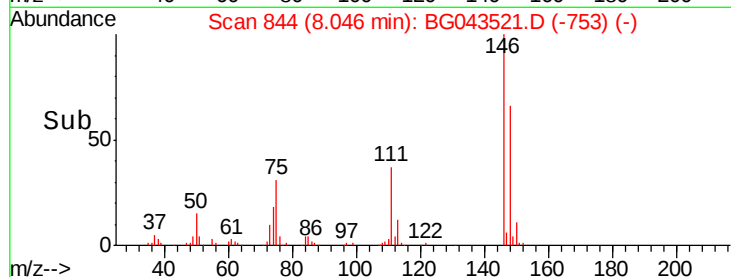
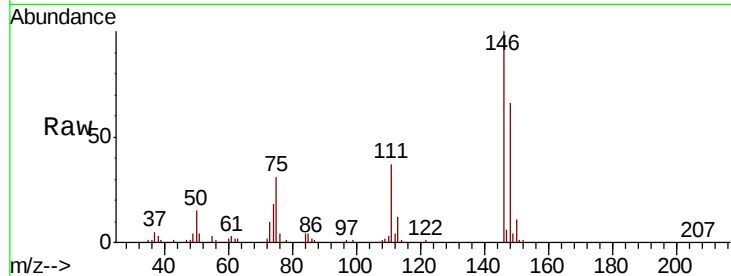
#13
 1,4-Dichlorobenzene
 Concen: 41.179 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124447BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.7	76.1
111	36.5	33.4	50.2

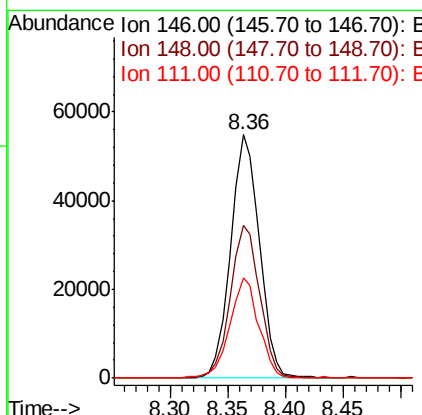
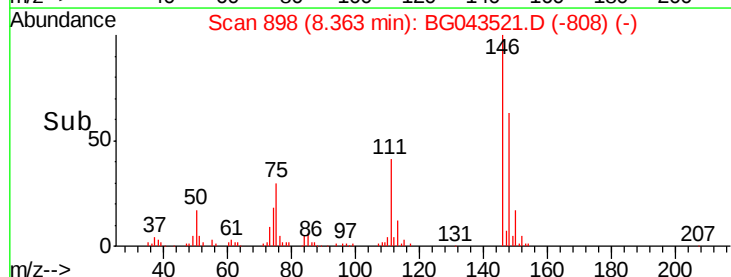
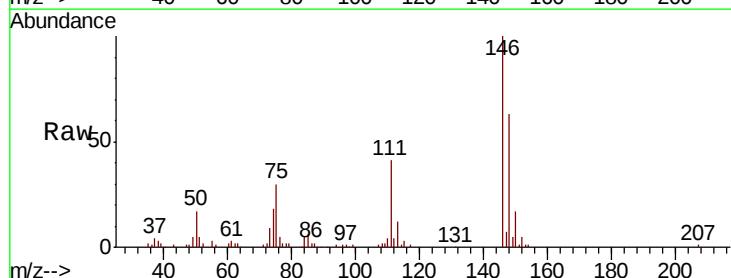
Manual Integrations
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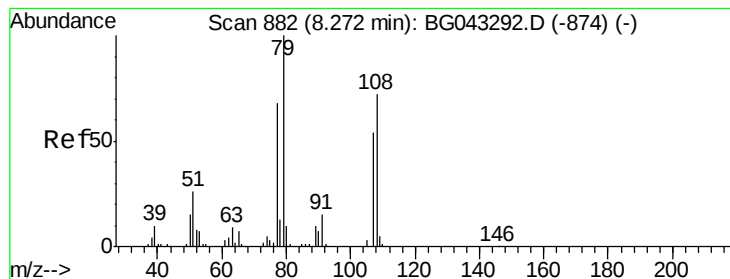
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#14
 1,2-Dichlorobenzene
 Concen: 41.181 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.2	79.8
111	41.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.655 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

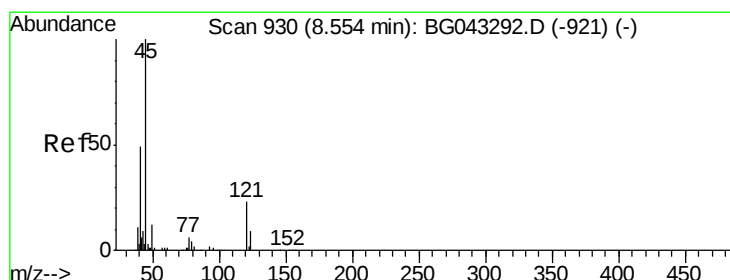
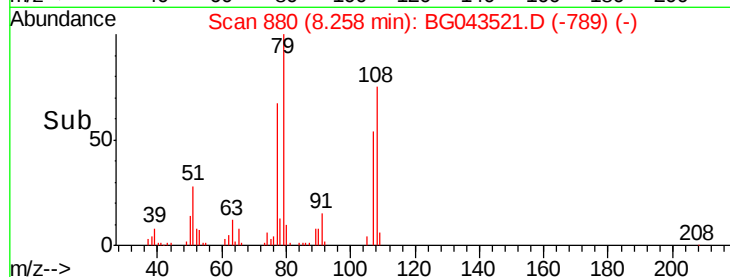
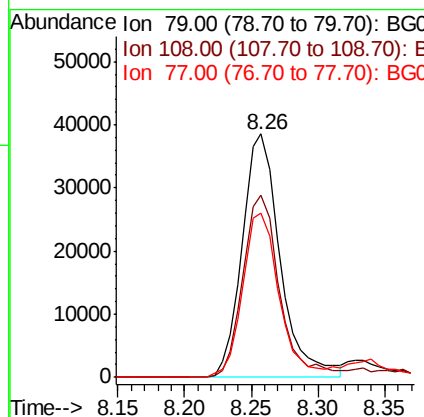
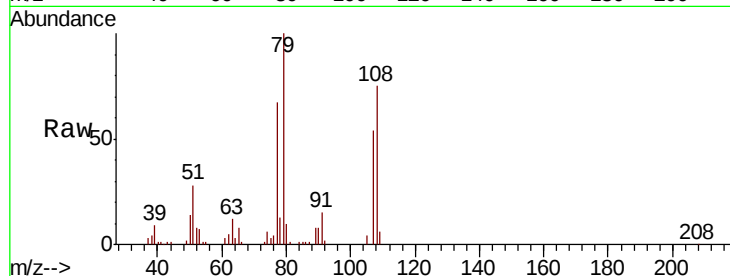
ClientSampled :

PB124447BS

Tot Ion:	79	Resp:	75813
Ion Ratio	Lower	Upper	
79	100		
108	74.6	53.6	80.4
77	67.4	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.549 ng

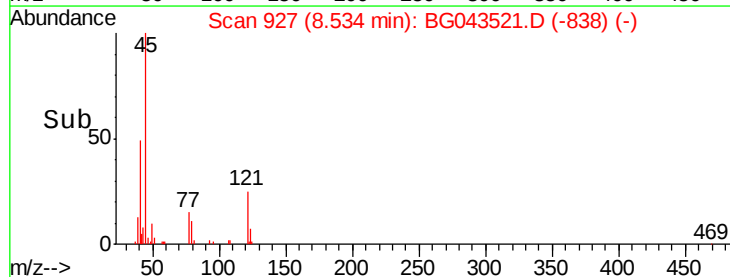
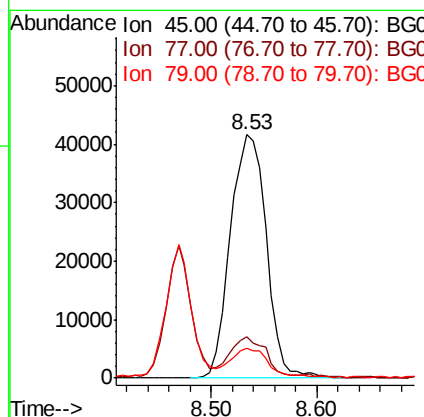
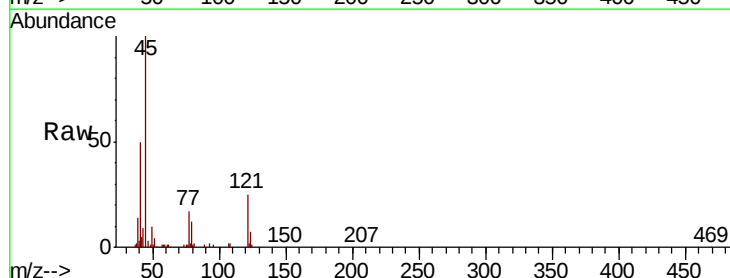
RT: 8.53 min Scan# 927

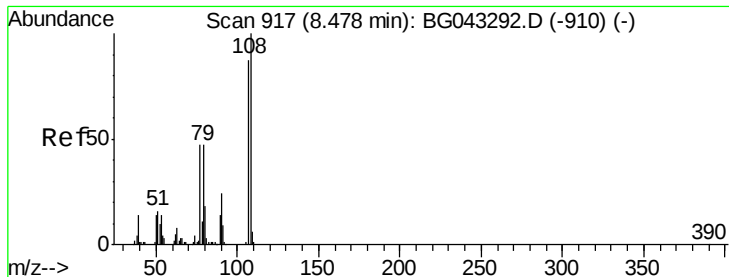
Delta R.T. -0.01 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	45	Resp:	98217
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	34.9
79	12.2	0.0	33.0





#17

2-Methylphenol

Concen: 47.158 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

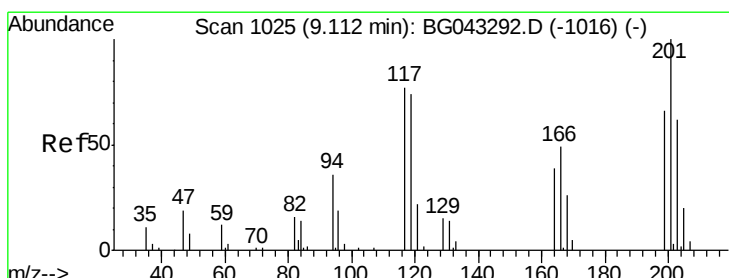
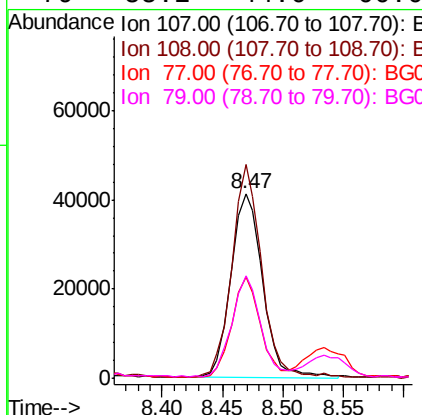
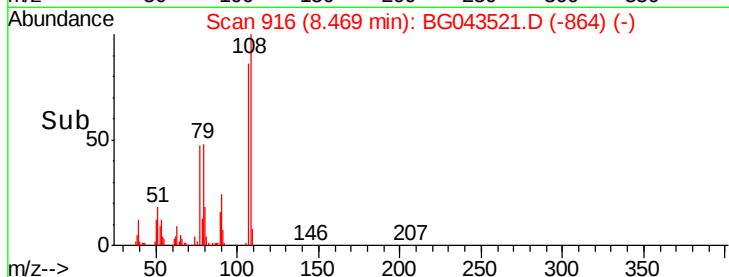
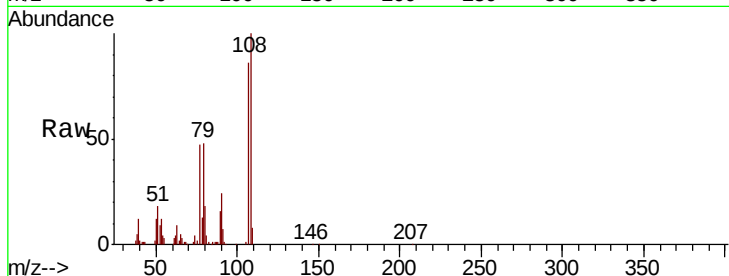
ClientSampleId :

PB124447BS

Tot Ion:	107	Resp:	75943
Ion Ratio	Lower	Upper	
107	100		
108	115.7	90.2	135.4
77	54.9	40.2	60.2
79	55.2	44.0	66.0

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#18

Hexachloroethane

Concen: 40.838 ng

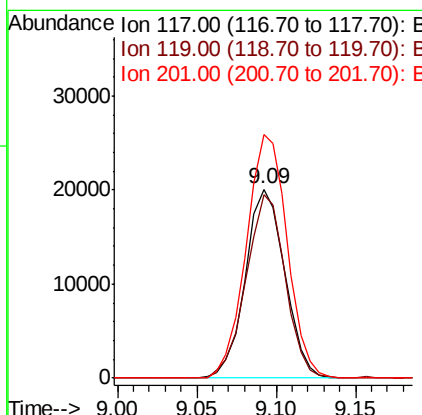
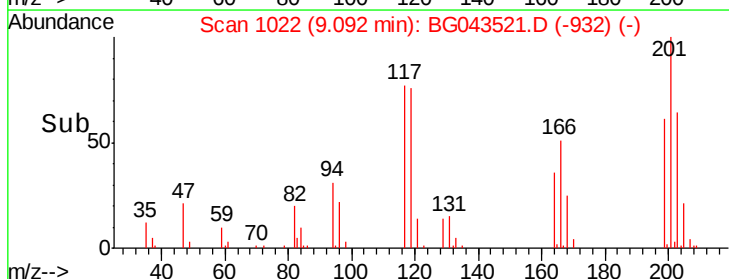
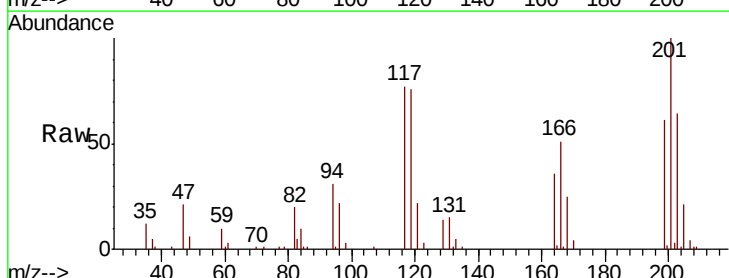
RT: 9.09 min Scan# 1022

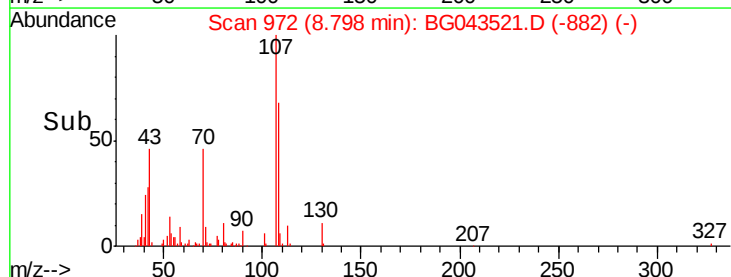
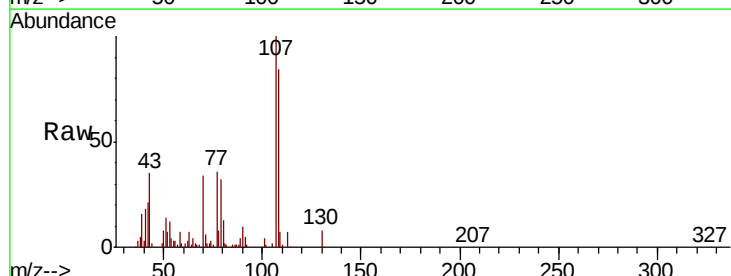
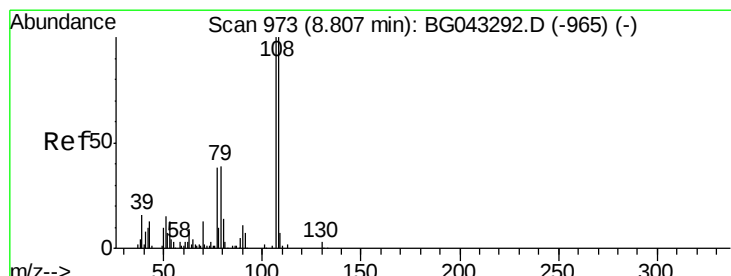
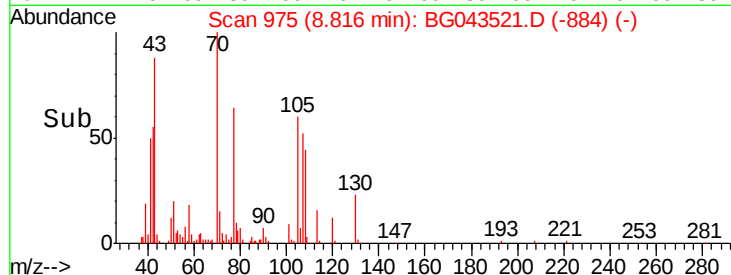
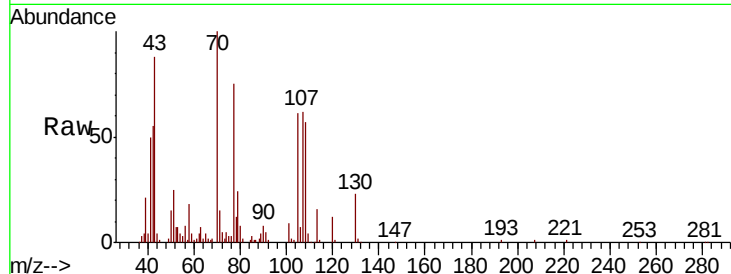
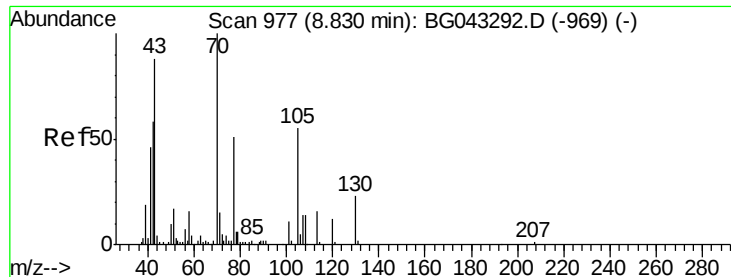
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

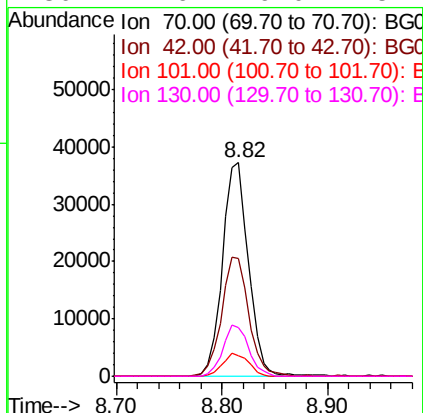
Tgt Ion:	117	Resp:	34642
Ion Ratio	Lower	Upper	
117	100		
119	97.5	79.0	118.4
201	129.1	105.4	158.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.610 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	41.4	62.2	
101	9.5	7.9	11.9	
130	22.6	19.0	28.4	



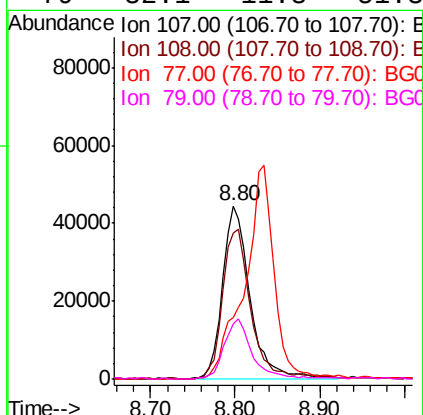
Instrument :
BNA_G
ClientSampleId :
PB124447BS

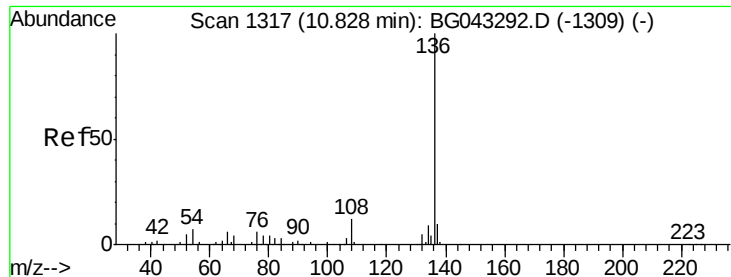
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#20
3+4-Methylphenols
Concen: 45.380 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	66.6	106.6	
77	35.7	20.9	60.9	
79	32.1	11.3	51.3	





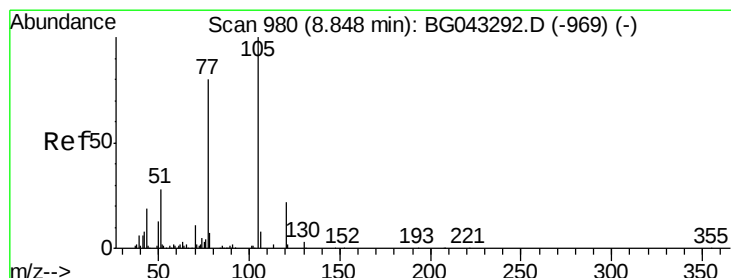
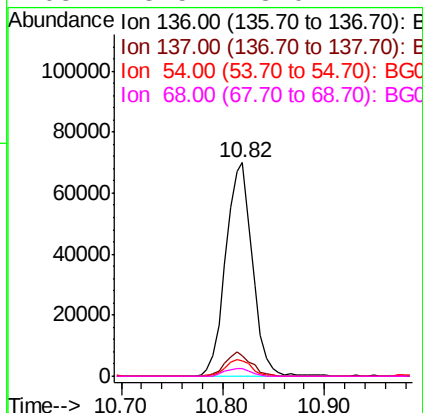
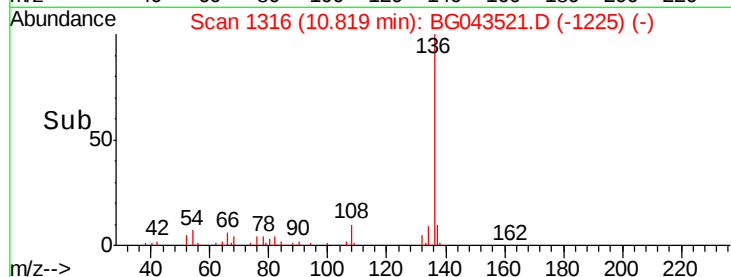
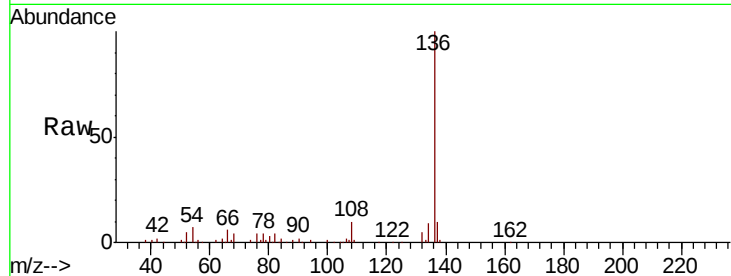
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		127314		
137	9.9	8.7	13.1		
54	7.2	5.4	8.2		
68	3.5	3.0	4.4		

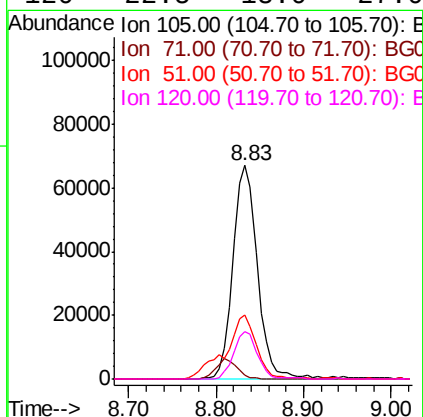
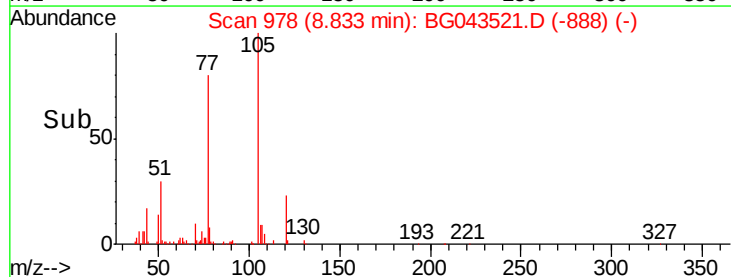
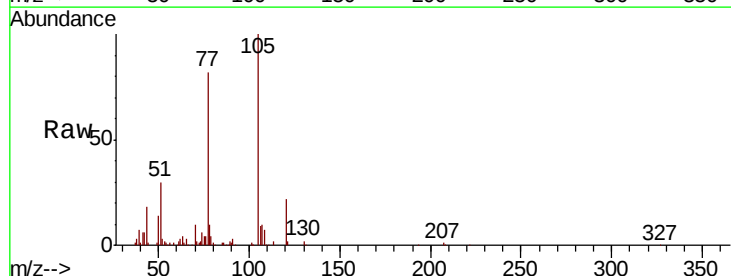
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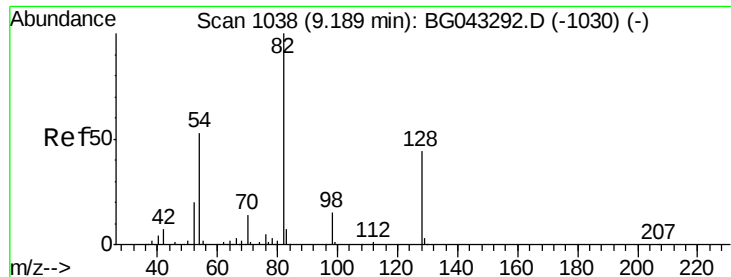
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#22
Acetophenone
Concen: 39.131 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		127581		
71	1.7	0.8	1.2#		
51	30.2	21.0	31.4		
120	22.5	18.0	27.0		





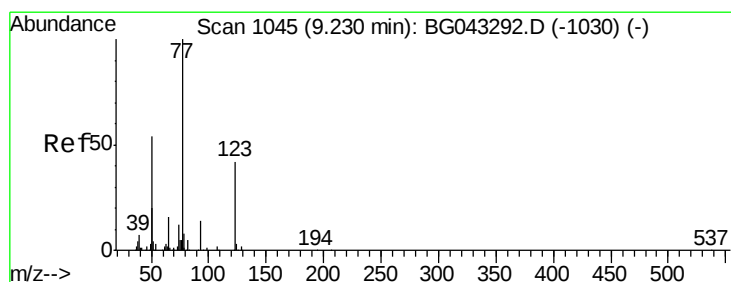
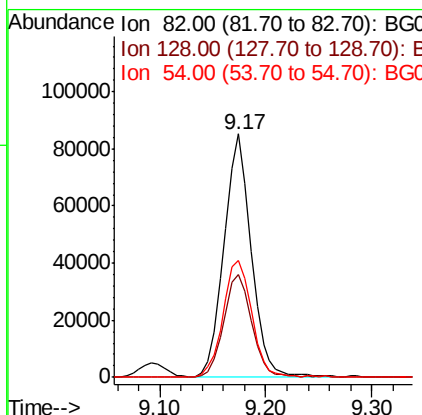
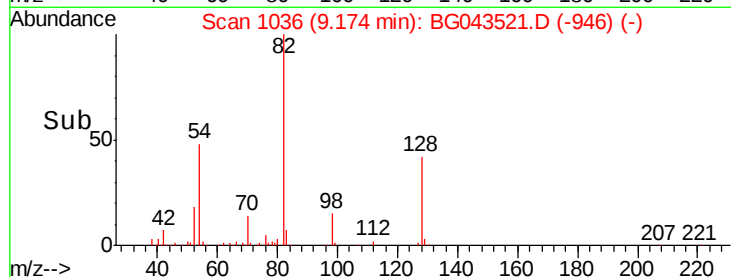
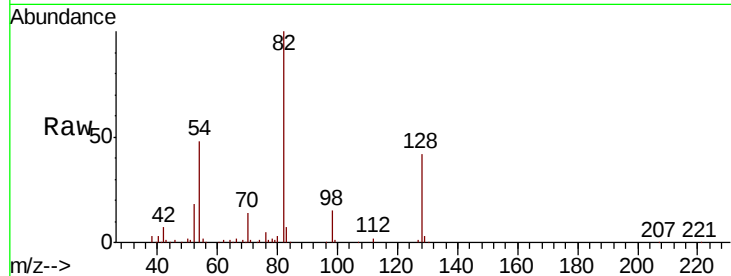
#23
Nitrobenzene-d5
Concen: 61.498 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampled :
PB124447BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.6
54	48.2	40.2	60.2

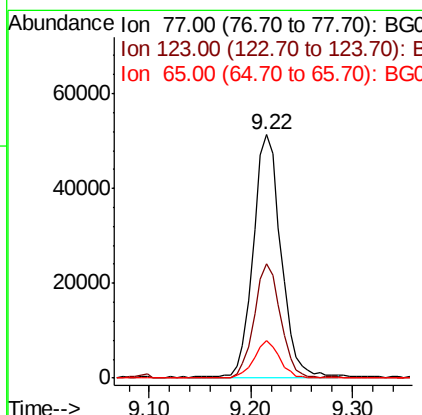
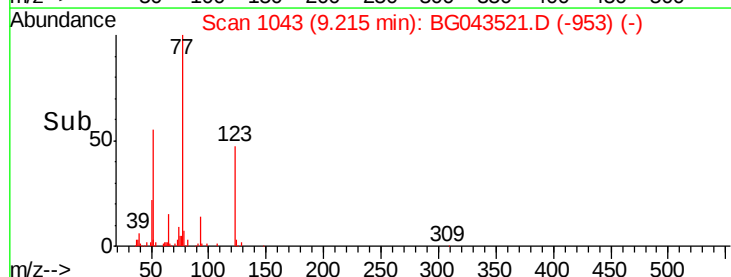
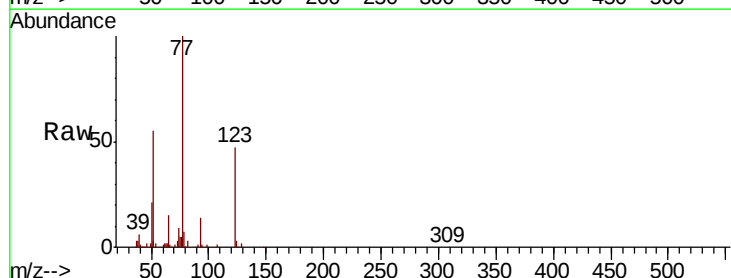
Manual Integrations
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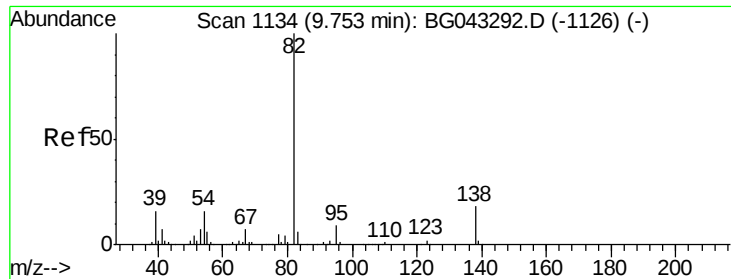
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#24
Nitrobenzene
Concen: 41.266 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.0	52.6
65	15.3	9.5	14.3#





#25

Isophorone

Concen: 40.508 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

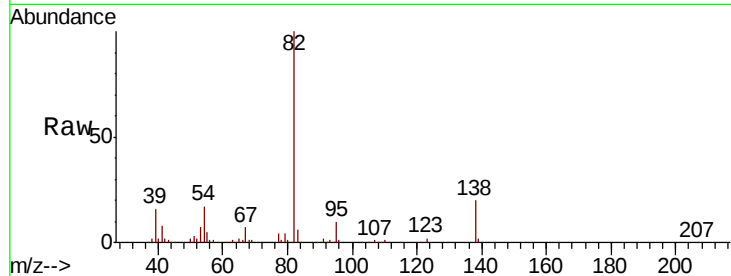
ClientSampleId :

PB124447BS

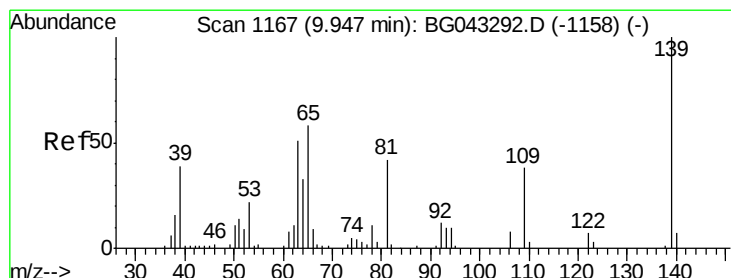
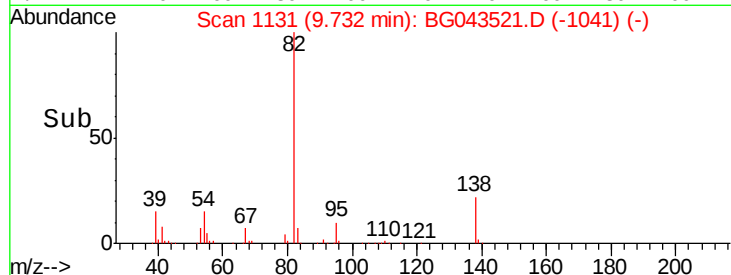
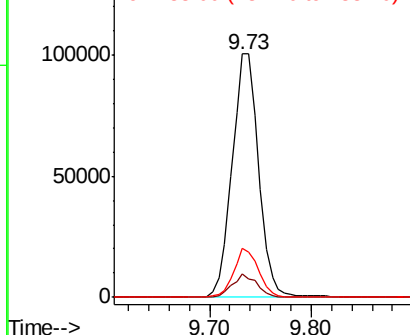
Tot Ion:	82	Resp:	182889
Ion Ratio	Lower	Upper	
82	100		
95	9.6	6.6	9.8
138	20.3	15.2	22.8

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



#26

2-Nitrophenol

Concen: 44.767 ng

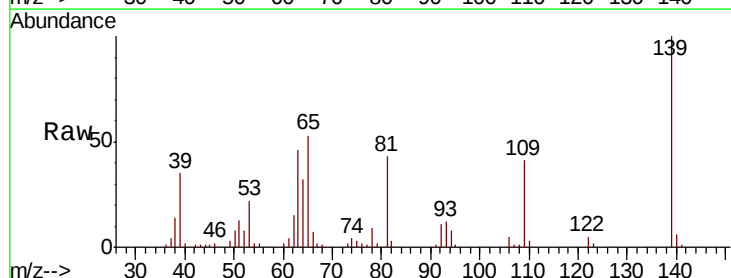
RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

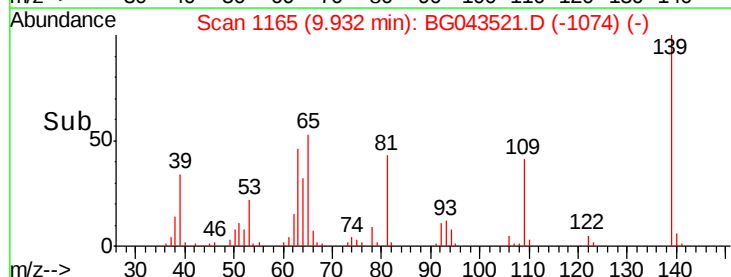
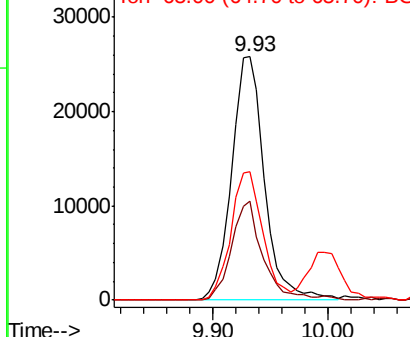
Lab File: BG043521.D

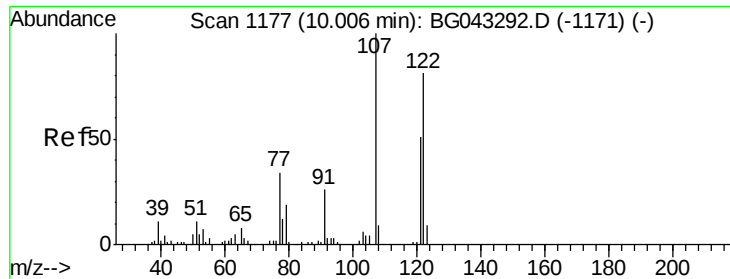
Acq: 6 Nov 2019 15:39

Tgt Ion:	139	Resp:	50844
Ion Ratio	Lower	Upper	
139	100		
109	40.9	26.5	39.7#
65	52.9	43.8	65.8



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





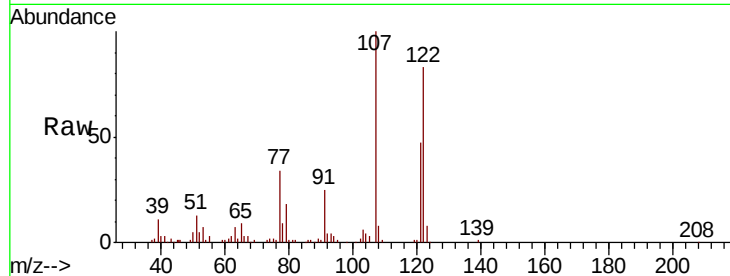
#27
2,4-Dimethylphenol
Concen: 49.793 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	104.4	156.6
121	56.9	47.2	70.8

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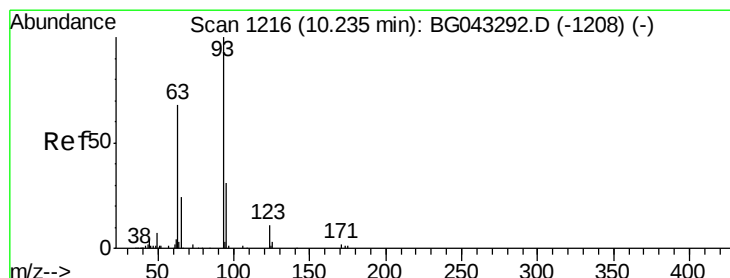
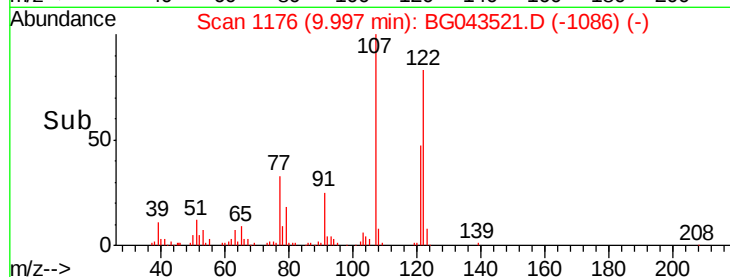
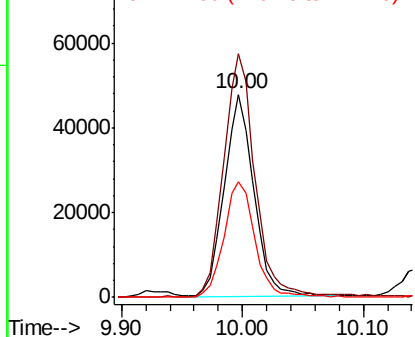


Abundance

Ion 122.00 (121.70 to 122.70): E

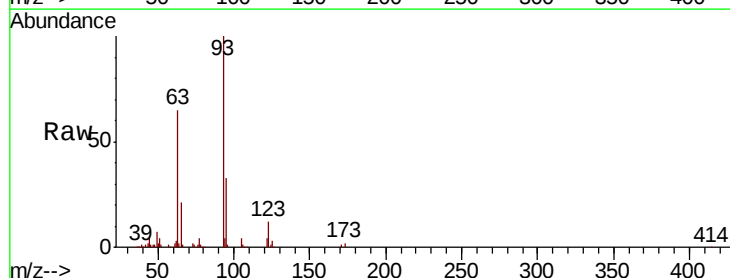
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.098 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	12.0	10.6	15.8

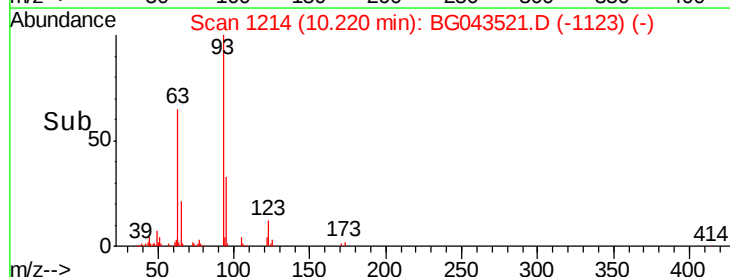
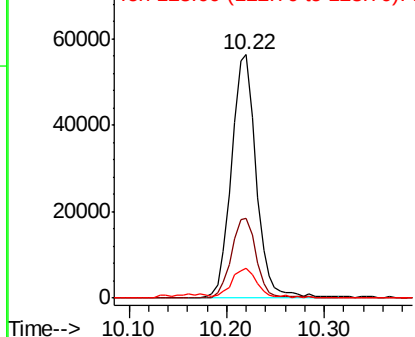


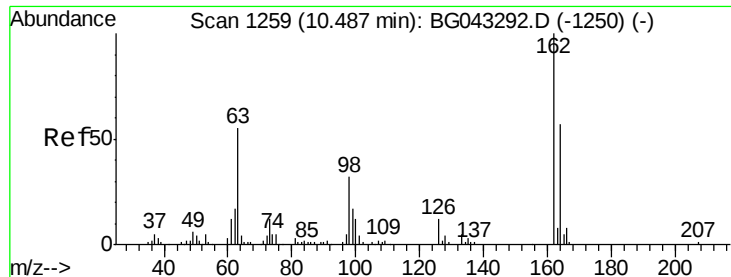
Abundance

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: 44.320 ng

RT: 10.48 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

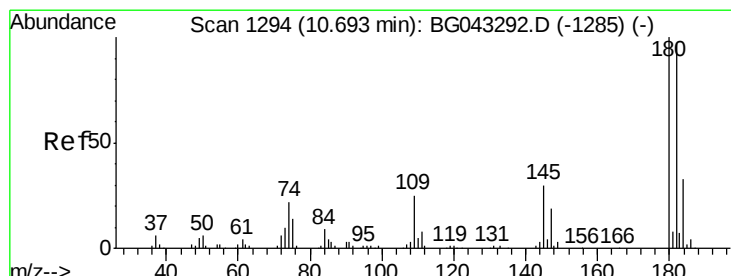
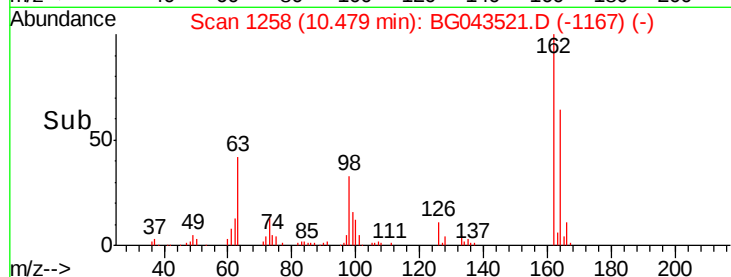
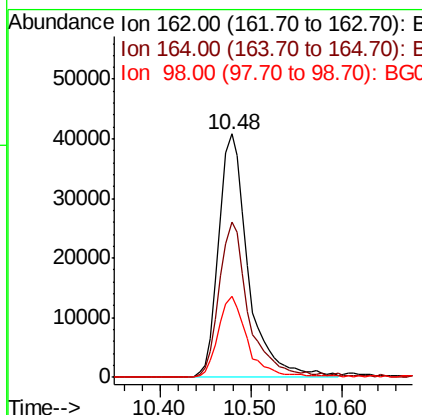
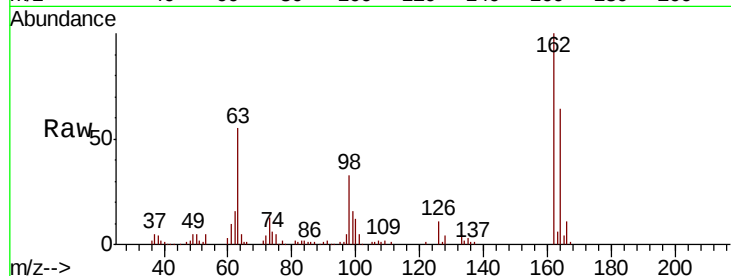
ClientSampled :

PB124447BS

Tot Ion:	162	Resp:	92437
Ion Ratio	Lower	Upper	
162	100		
164	63.7	48.9	88.9
98	33.3	15.1	55.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.020 ng

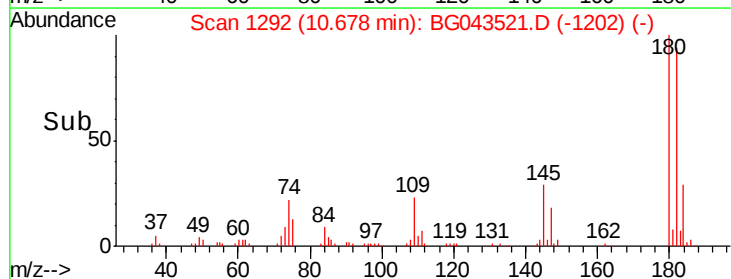
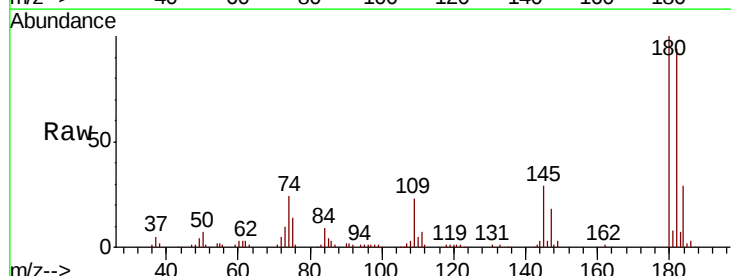
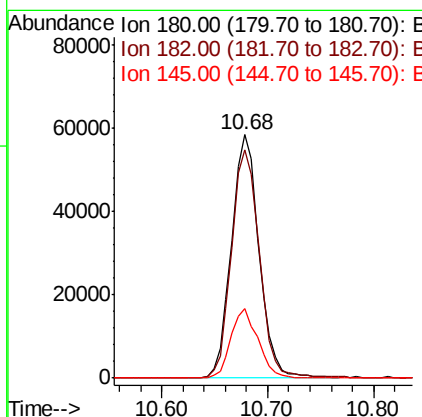
RT: 10.68 min Scan# 1292

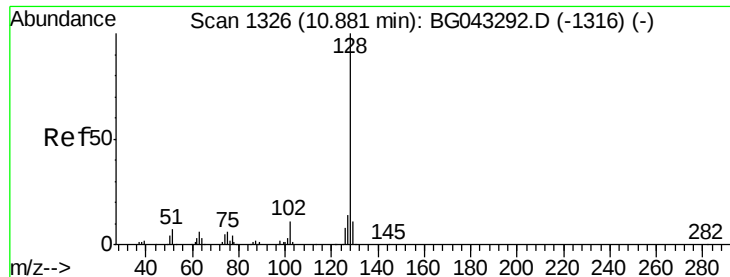
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	180	Resp:	105201
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.1	112.7
145	28.6	23.9	35.9





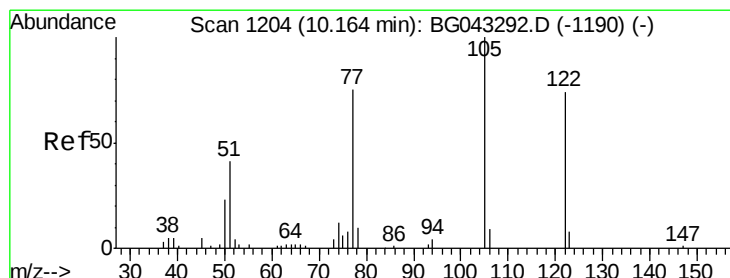
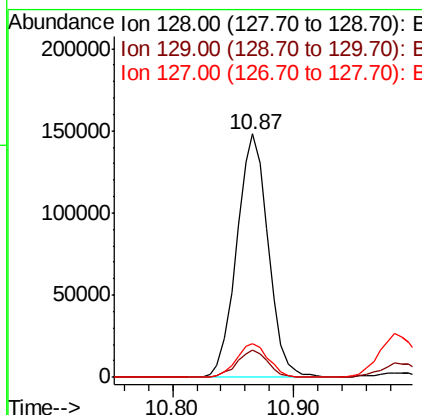
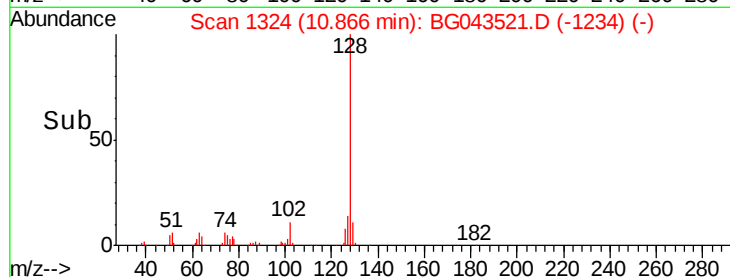
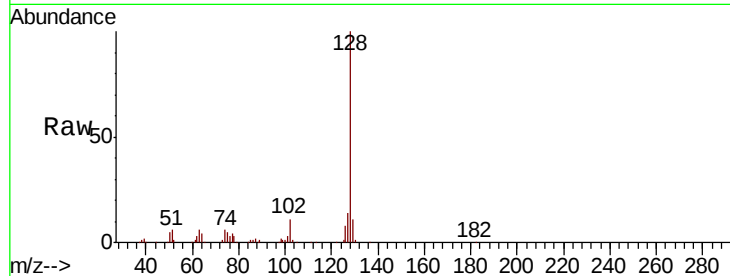
#31
Naphthalene
Concen: 41.607 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.8	11.1	16.7

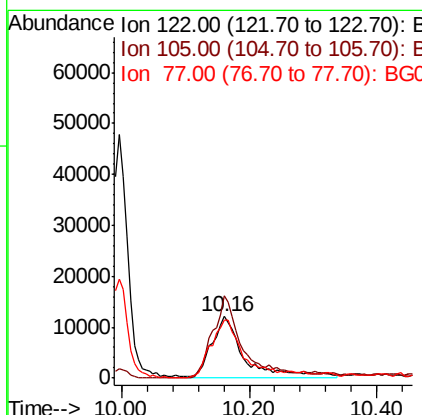
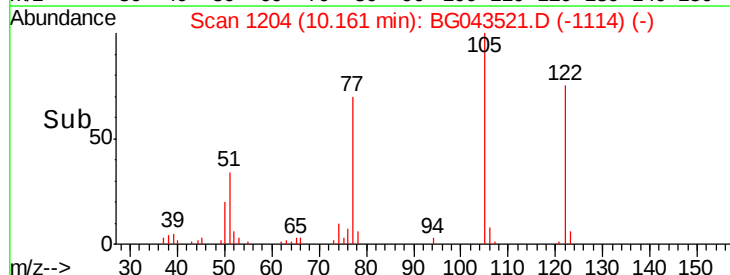
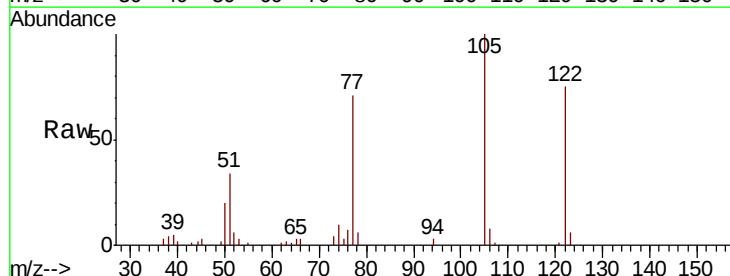
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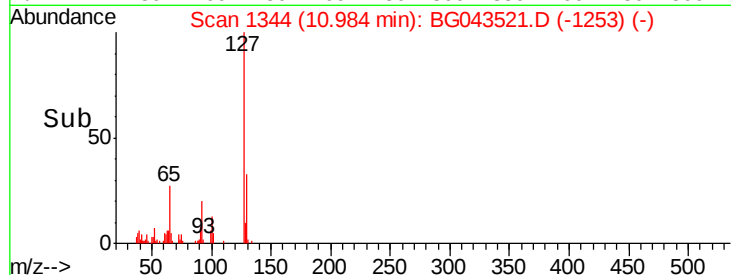
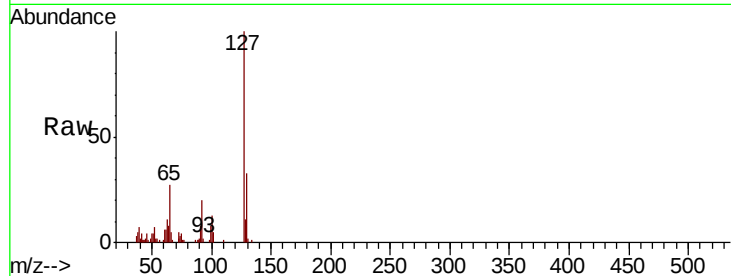
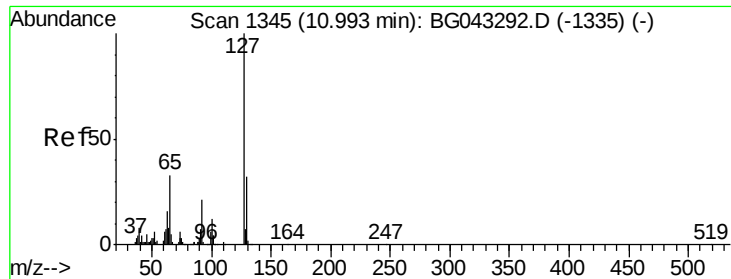
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#32
Benzoic acid
Concen: 35.665 ng m
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	103.3	143.3
77	94.7	84.9	124.9





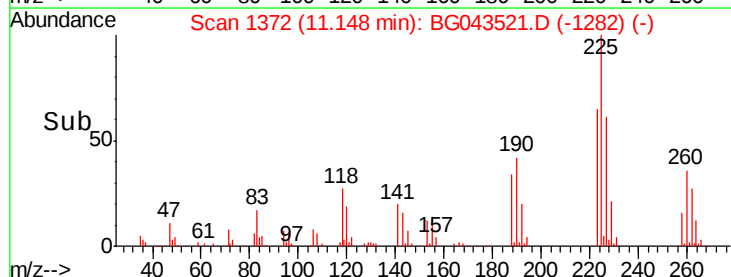
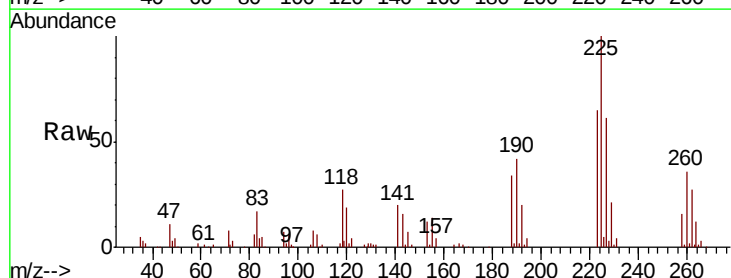
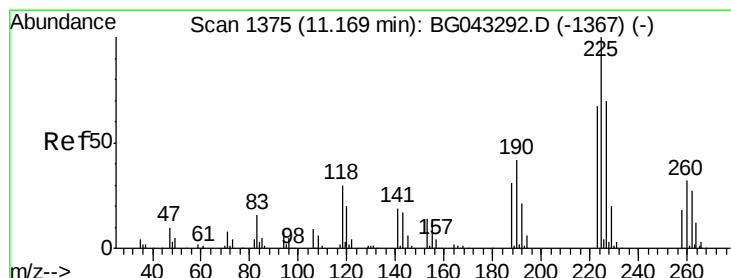
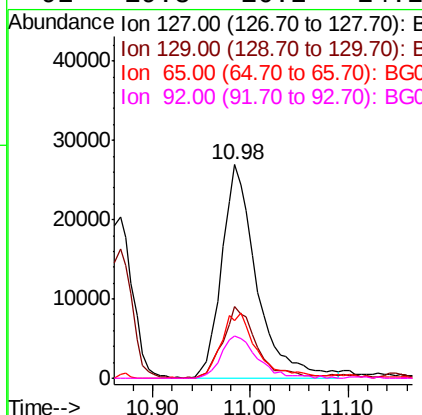
#33
4-Chloroaniline
Concen: 25.381 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.5	39.7
65	27.1	26.4	39.6
92	19.8	16.2	24.2

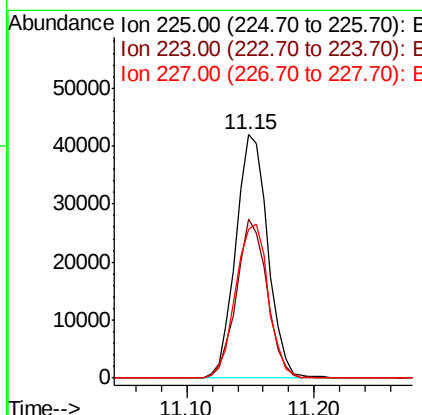
Manual Integrations
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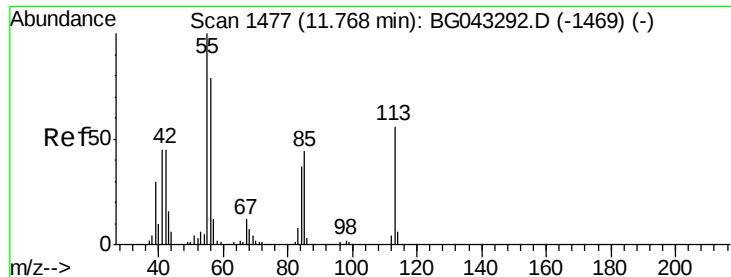
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#34
Hexachlorobutadiene
Concen: 37.864 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.7	79.1
227	60.9	54.8	82.2





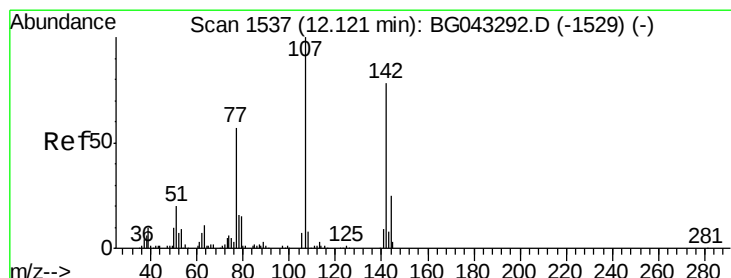
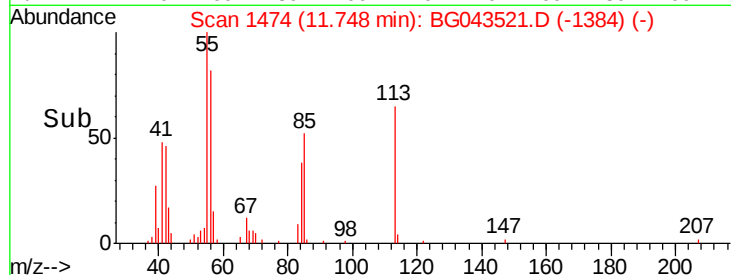
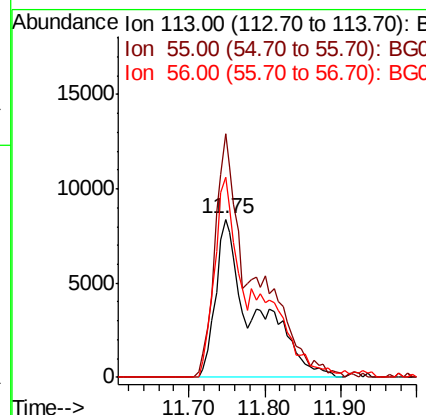
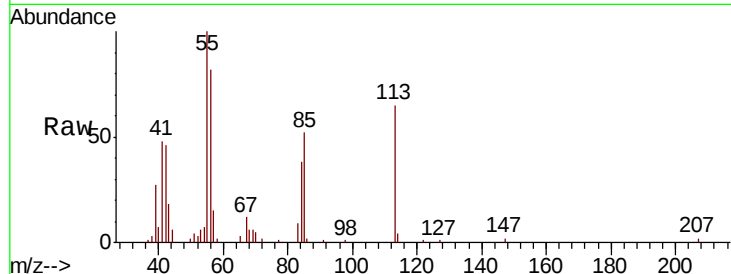
#35
 Caprolactam
 Concen: 41.638 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124447BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.9	134.1	174.1
56	126.2	100.4	140.4

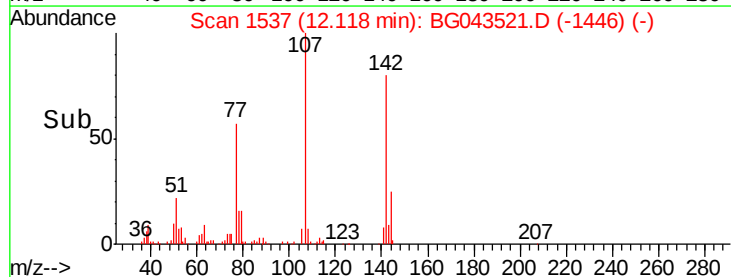
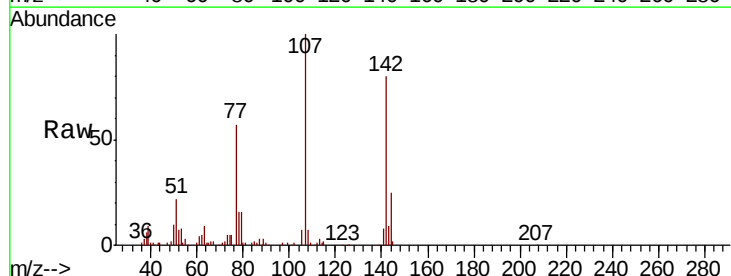
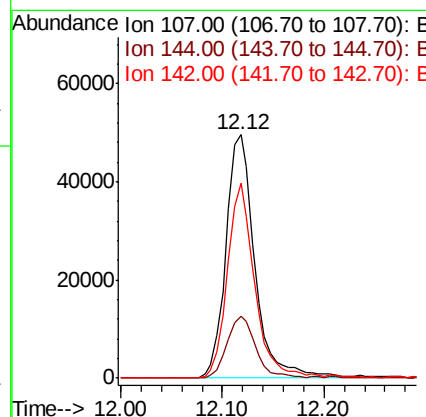
Manual Integrations
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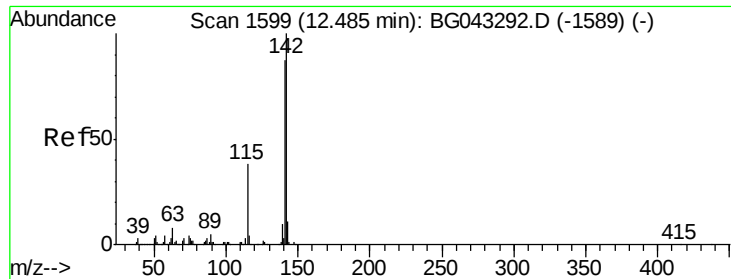
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#36
 4-Chloro-3-methylphenol
 Concen: 43.099 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.9	31.3
142	80.0	59.6	89.4





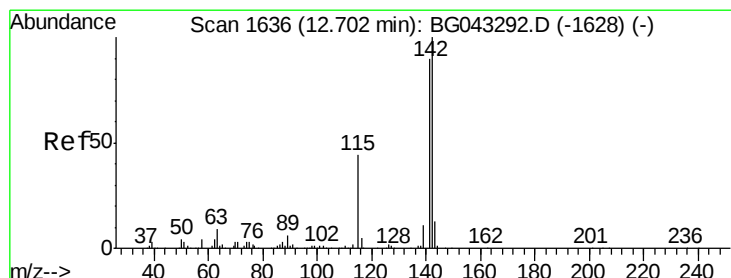
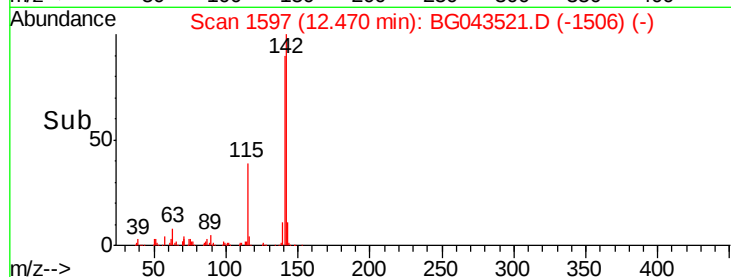
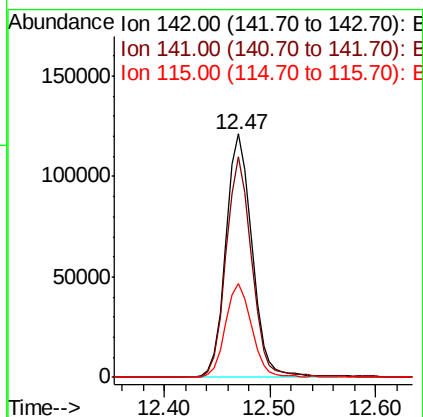
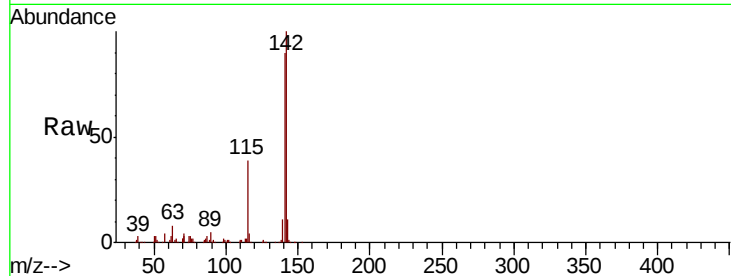
#37
2-Methylnaphthalene
Concen: 42.085 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2
115	38.6	33.2	49.8

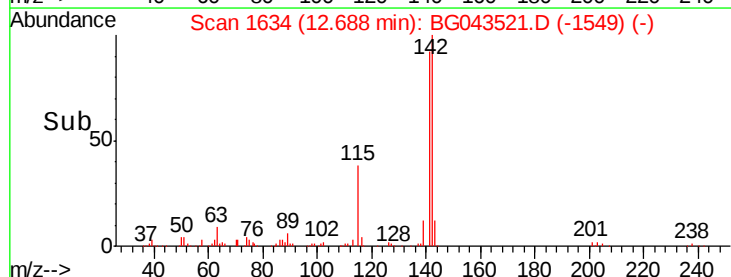
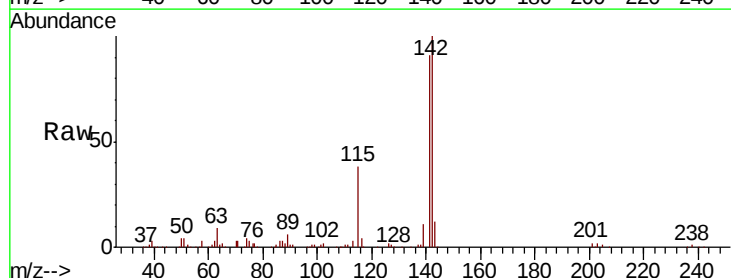
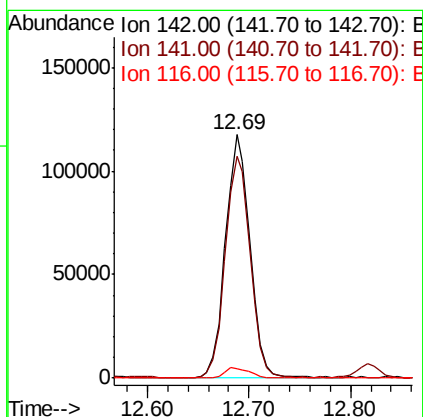
Manual Integrations
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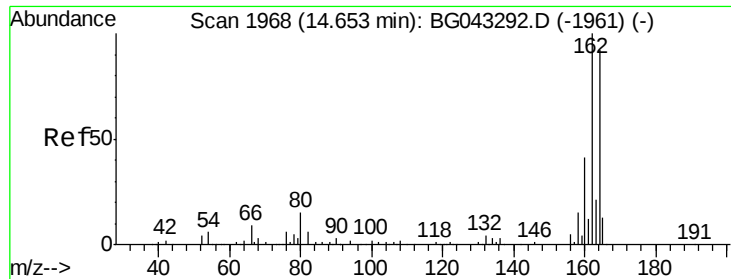
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#38
1-Methylnaphthalene
Concen: 41.407 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
116	3.8	3.6	5.4





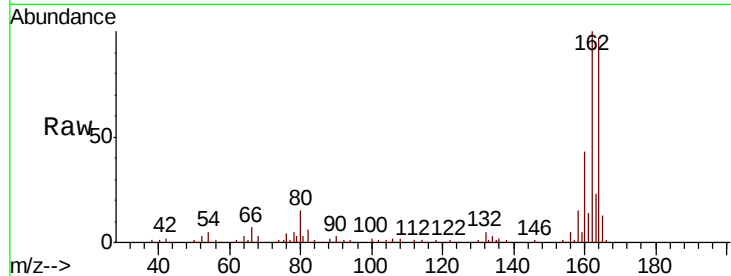
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.5	125.3
160	44.4	36.5	54.7

Manual Integrations
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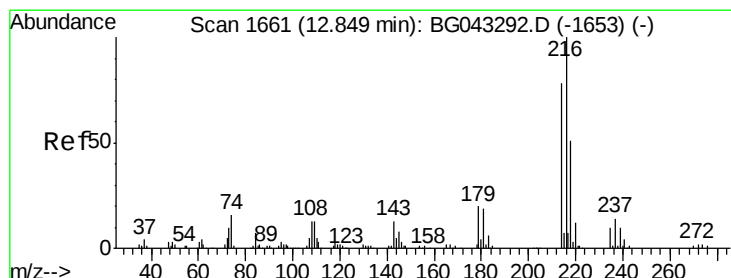
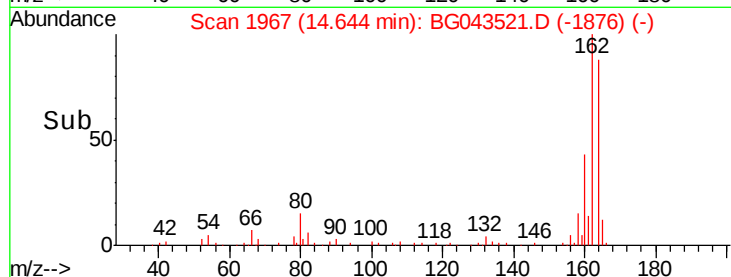
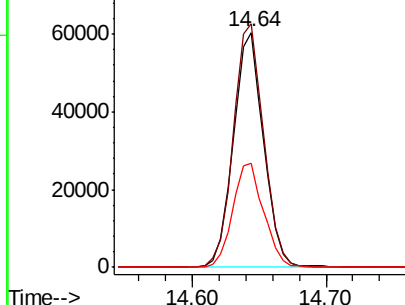


Abundance

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: 36.969 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	61.7	92.5
179	19.8	15.8	23.8
108	15.0	11.5	17.3

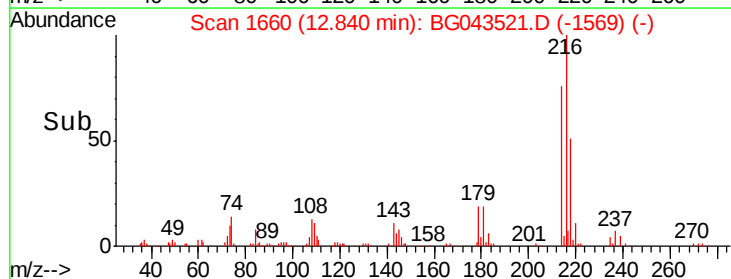
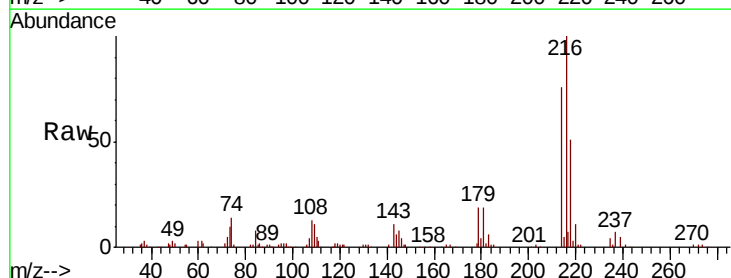
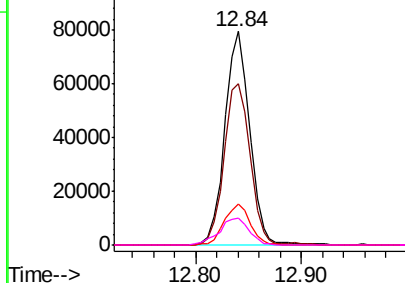
Abundance

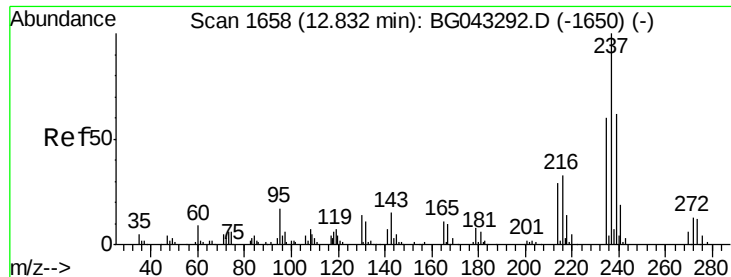
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





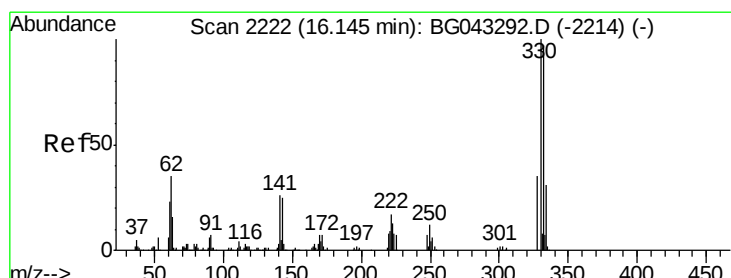
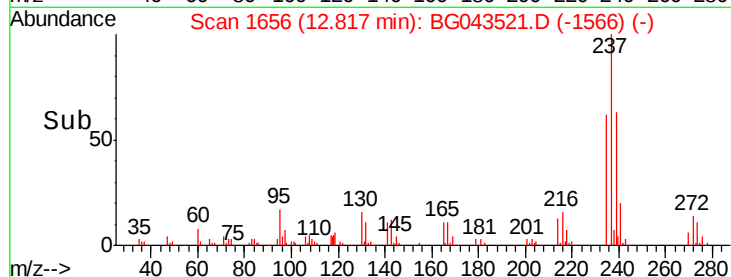
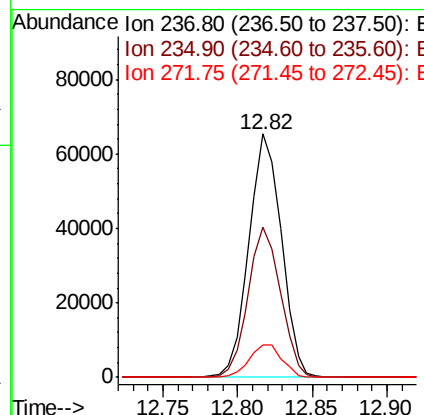
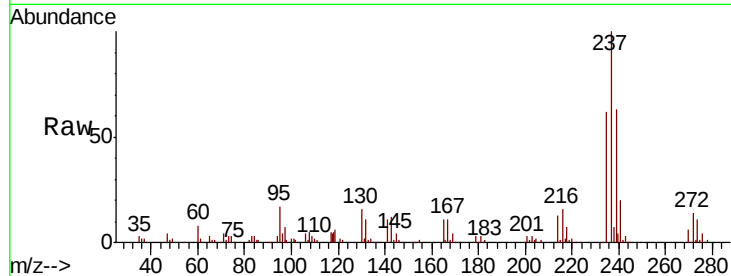
#41
Hexachlorocyclopentadiene
Concen: 53.565 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.6	81.6
272	13.5	0.0	32.5

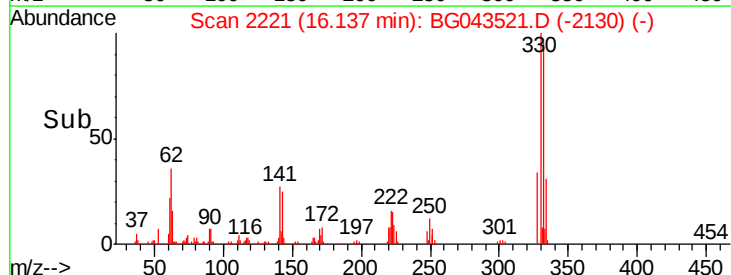
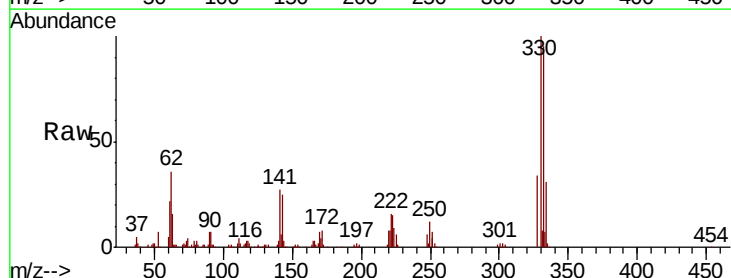
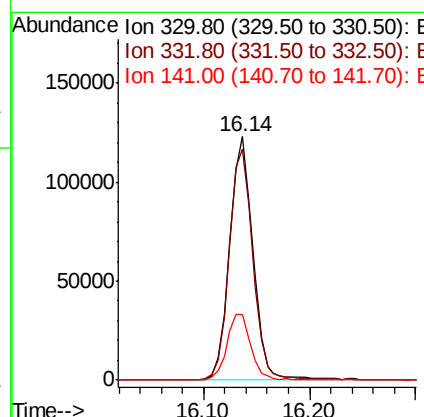
Manual Integrations
APPROVED

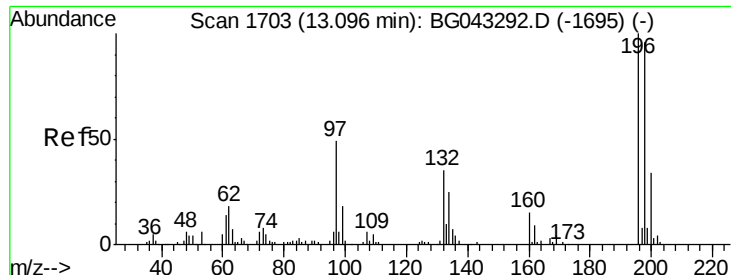
Sohil
11/8/2019 3:29:50 PM



#42
2,4,6-Tribromophenol
Concen: 104.454 ng
RT: 16.14 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	28.1	22.8	34.2





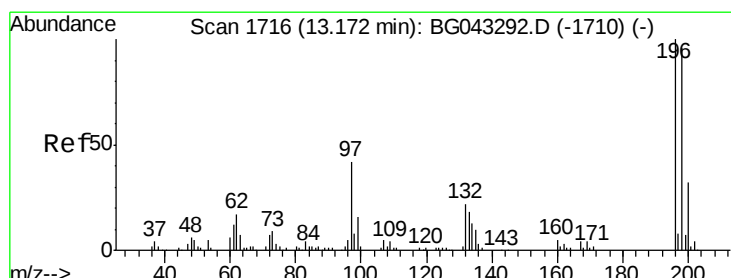
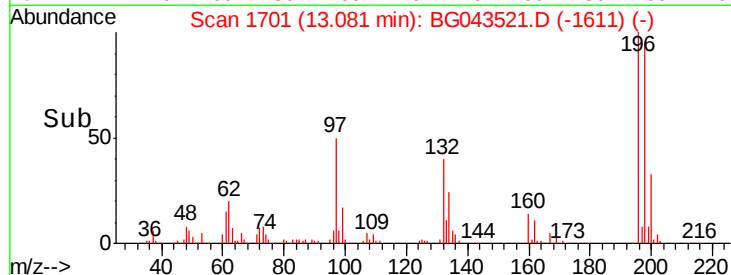
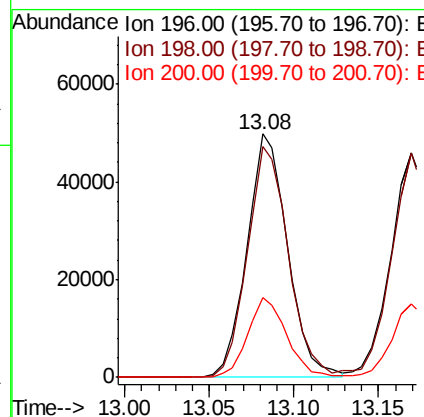
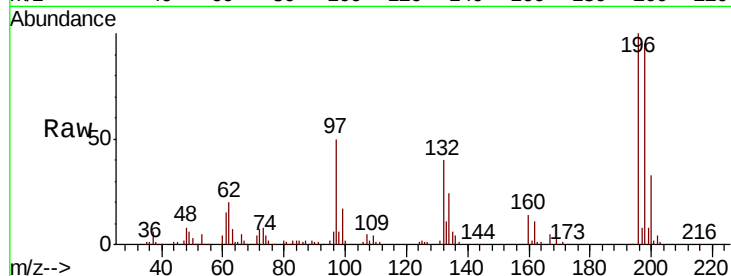
#43
2,4,6-Trichlorophenol
Concen: 40.442 ng
RT: 13.08 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampled :
PB124447BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83305		
198	95.0	75.8	113.6	
200	32.6	23.9	35.9	

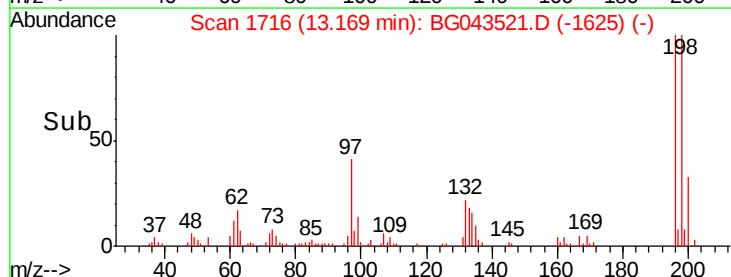
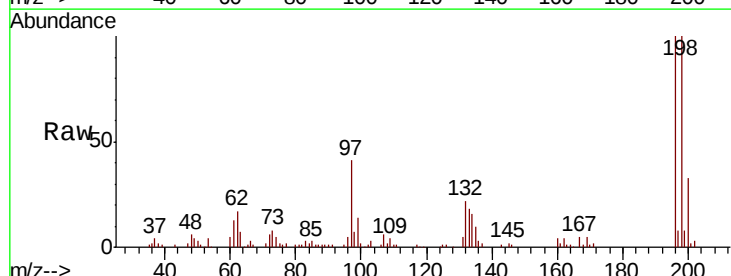
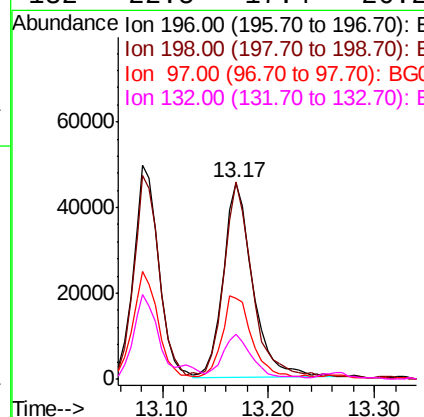
Manual Integrations
APPROVED

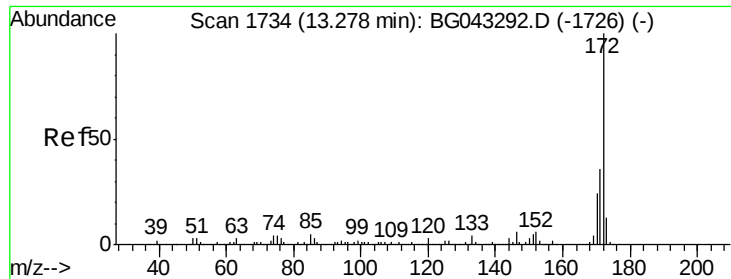
Sohil
11/8/2019 3:29:50 PM



#44
2,4,5-Trichlorophenol
Concen: 42.533 ng
RT: 13.17 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88575		
198	100.3	74.5	111.7	
97	41.1	36.3	54.5	
132	22.5	17.4	26.2	





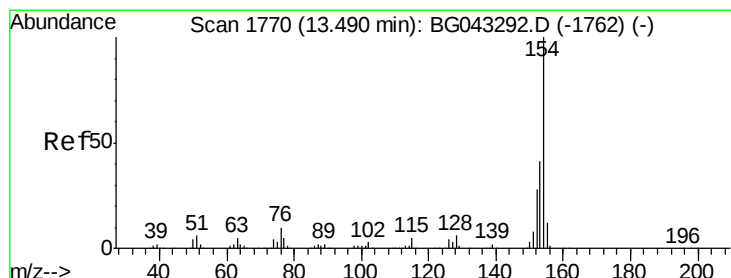
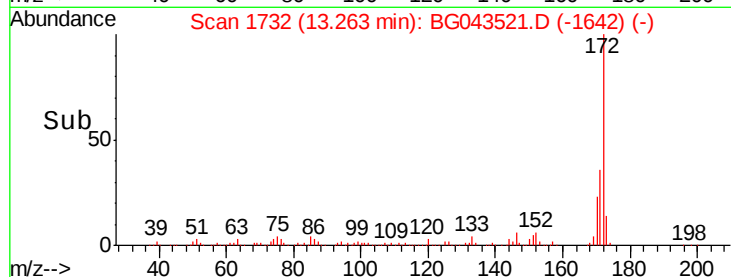
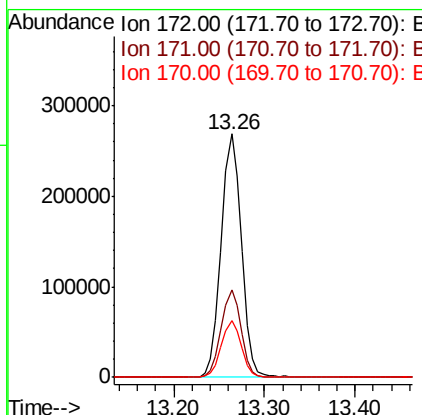
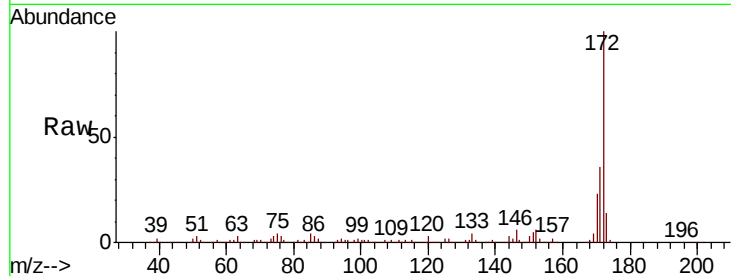
#45
2-Fluorobiphenyl
Concen: 60.904 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	18.5	27.7

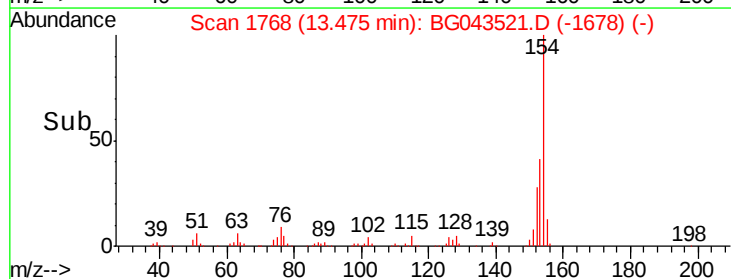
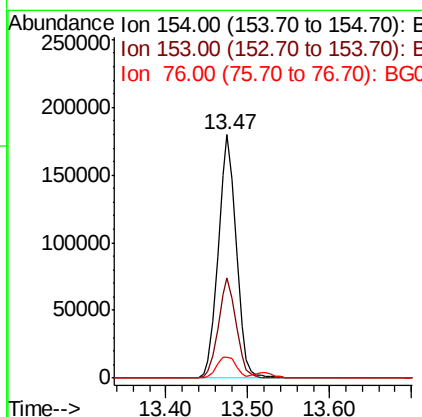
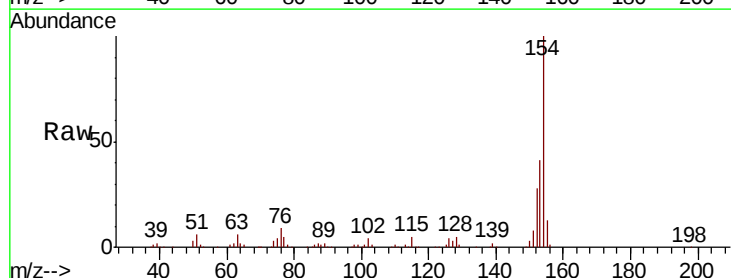
Manual Integrations
APPROVED

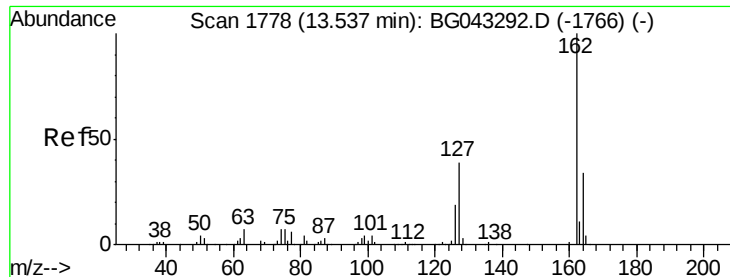
Sohil
11/8/2019 3:29:50 PM



#46
1,1'-Biphenyl
Concen: 38.474 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.9	59.9
76	8.5	0.0	29.4





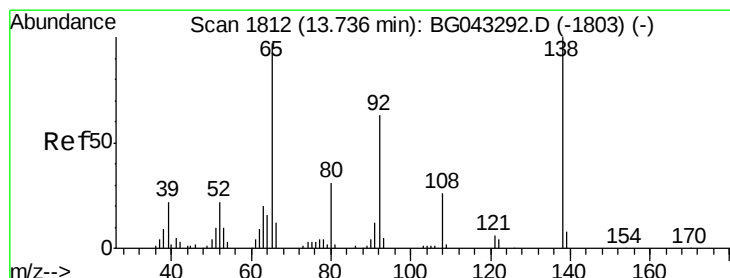
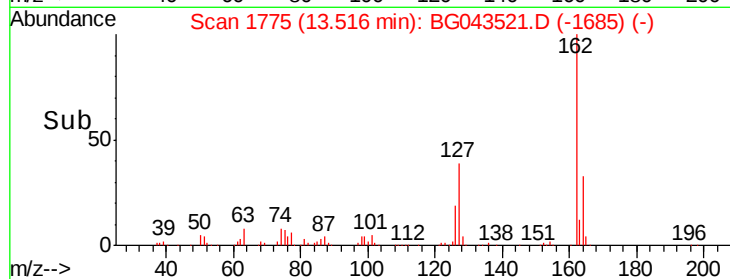
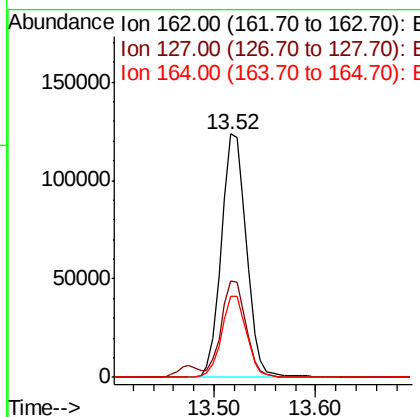
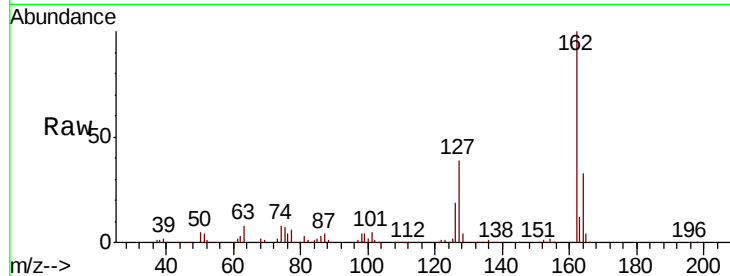
#47
2-Chloronaphthalene
Concen: 38.977 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.4	25.8	38.8

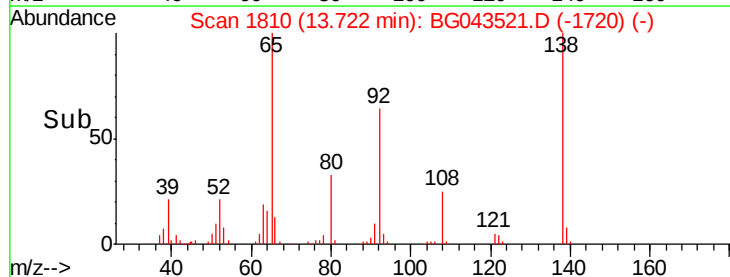
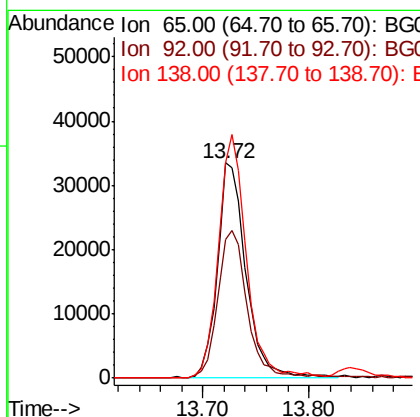
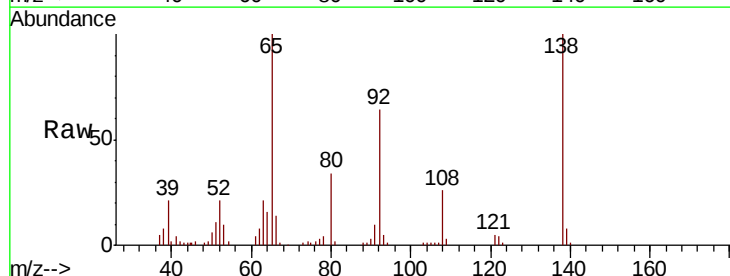
Manual Integrations
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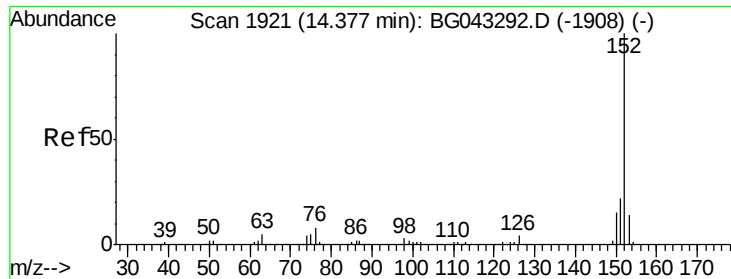
Sohil
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#48
2-Nitroaniline
Concen: 38.852 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	56.2	84.2
138	100.4	82.6	123.8





#49

Acenaphthylene

Concen: 40.679 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

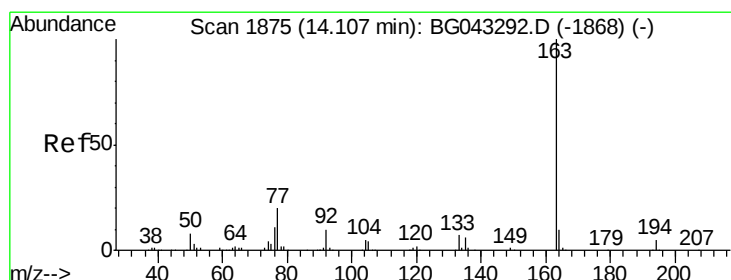
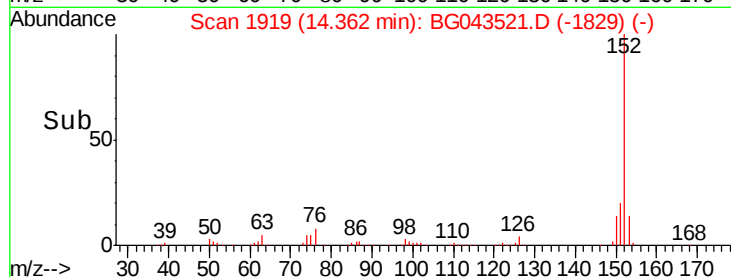
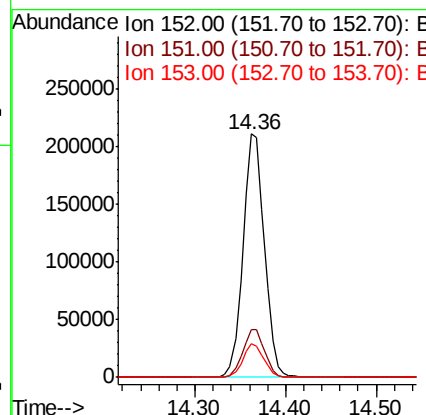
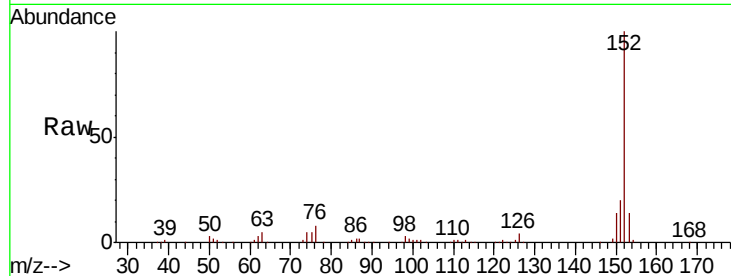
ClientSampled :

PB124447BS

Tot Ion:	152	Resp:	346349
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.4
153	13.8	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 38.533 ng

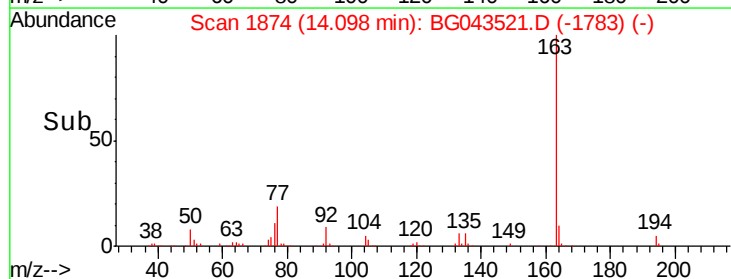
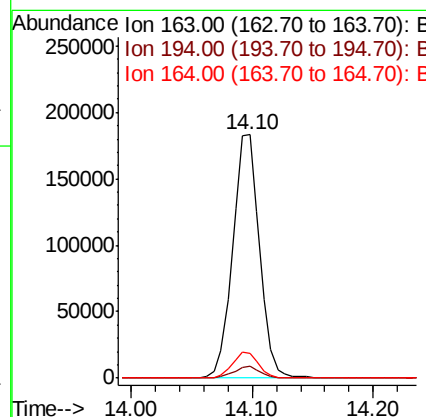
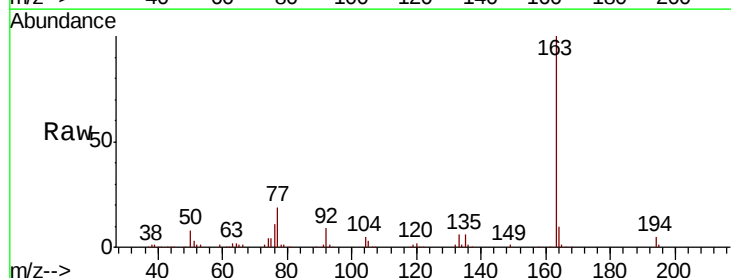
RT: 14.10 min Scan# 1874

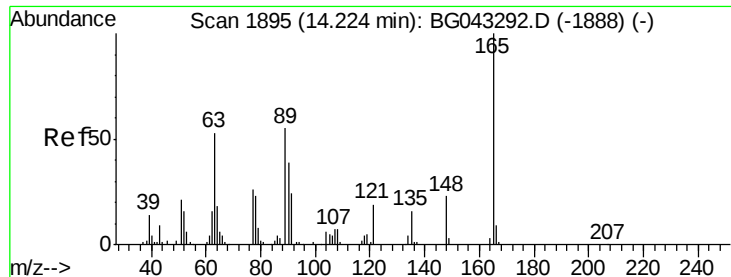
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	163	Resp:	282083
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.8	5.6
164	10.4	8.9	13.3





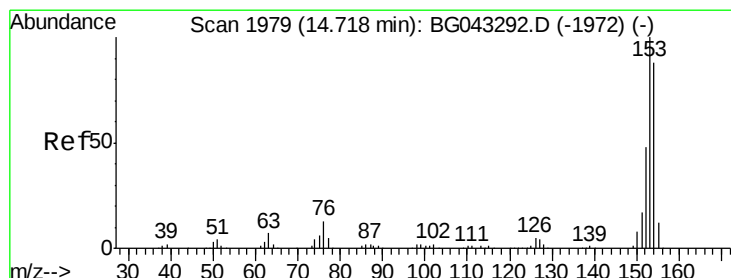
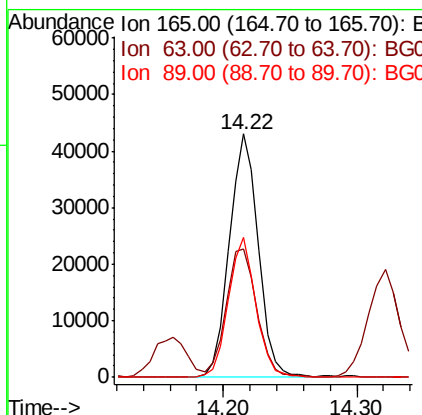
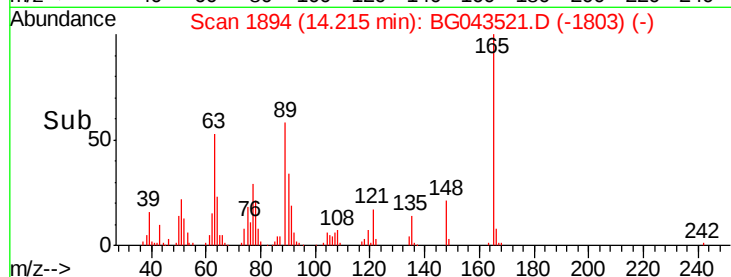
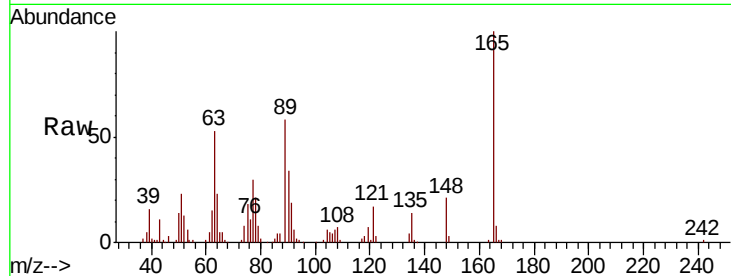
#51
2,6-Dinitrotoluene
Concen: 40.995 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	46.6	69.8
89	57.6	45.1	67.7

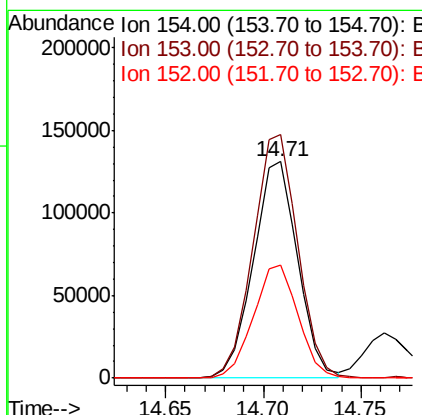
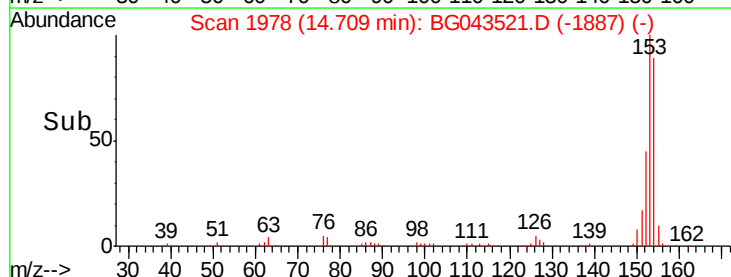
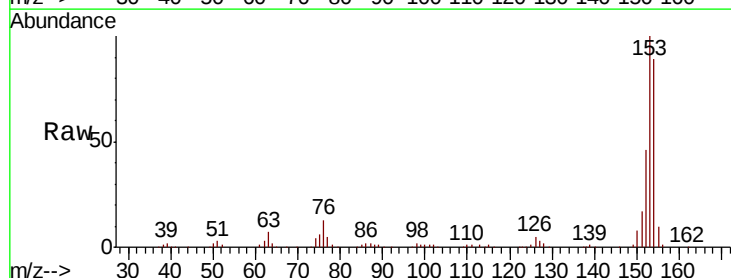
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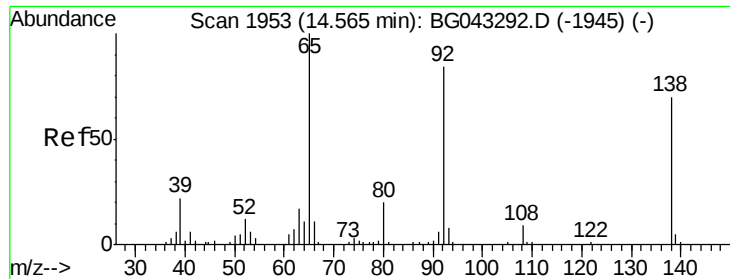
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#52
Acenaphthene
Concen: 39.642 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.2	132.2
152	52.0	40.0	60.0





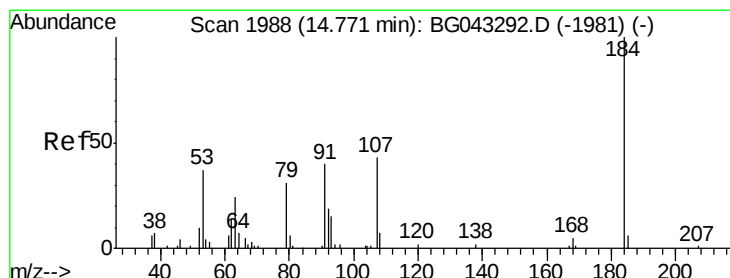
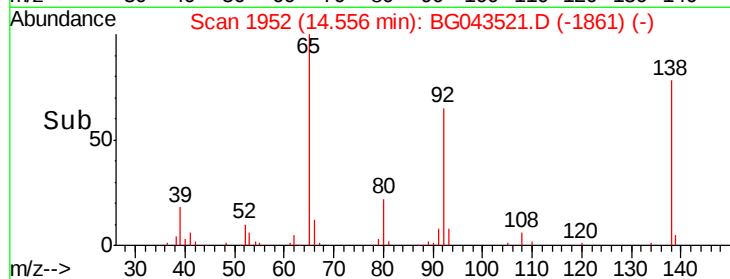
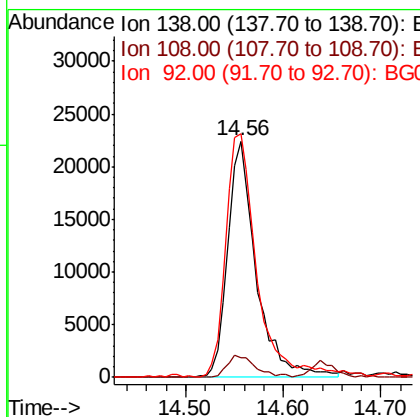
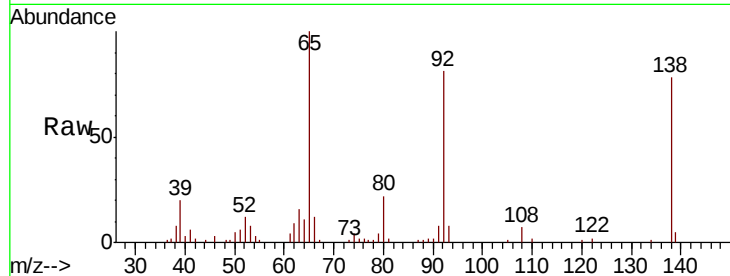
#53
3-Nitroaniline
Concen: 29.598 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.3	8.0	12.0
92	103.1	90.9	136.3

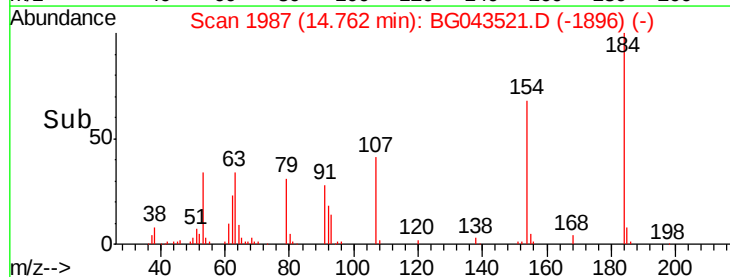
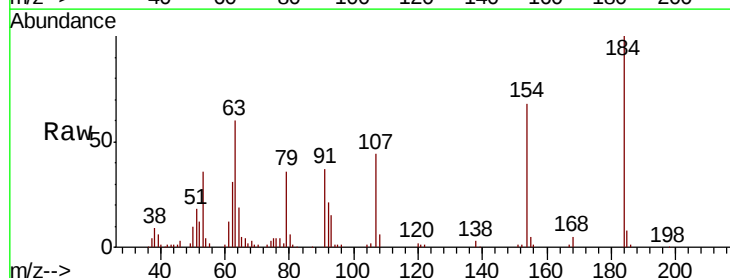
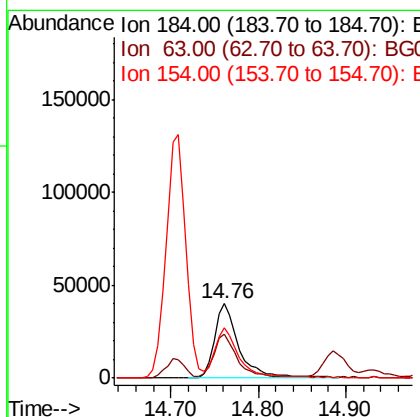
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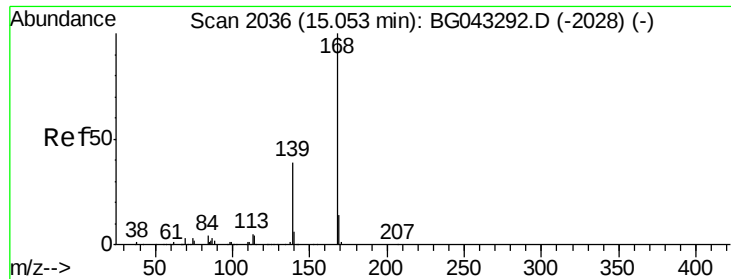
Sohil
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#54
2,4-Dinitrophenol
Concen: 78.399 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	51.3	76.9
154	67.7	55.4	83.0





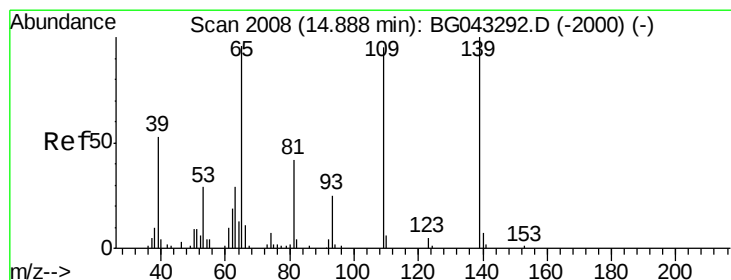
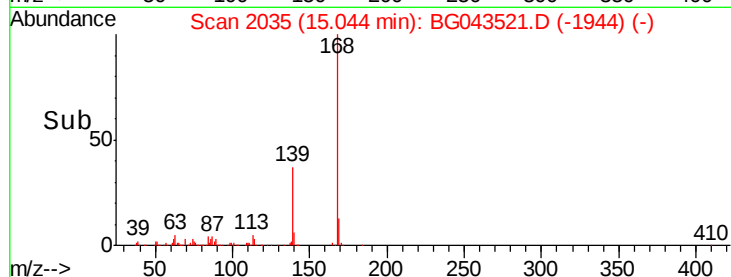
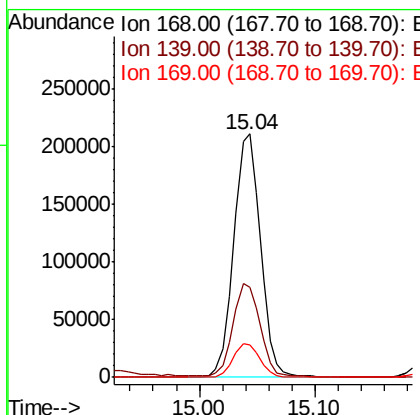
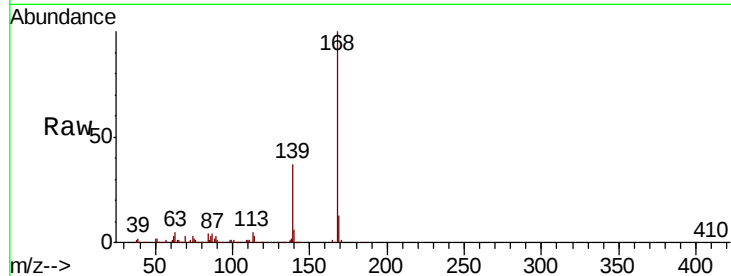
#55
Dibenzenofuran
Concen: 40.197 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampled :
PB124447BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	31.0	46.6	
169	13.5	11.7	17.5	

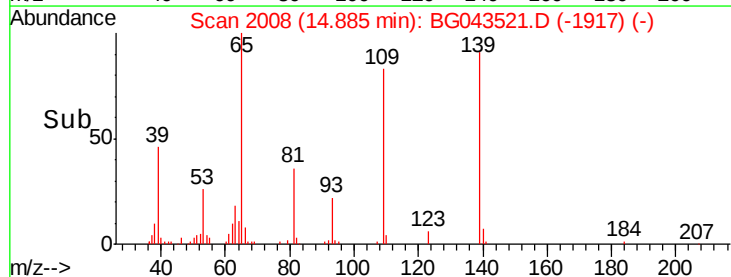
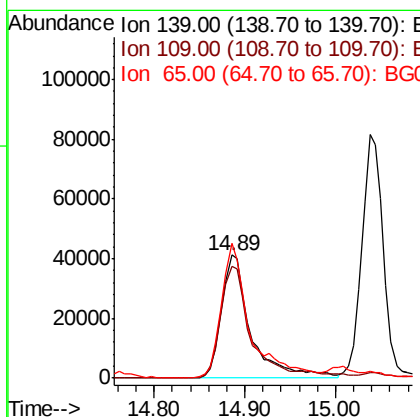
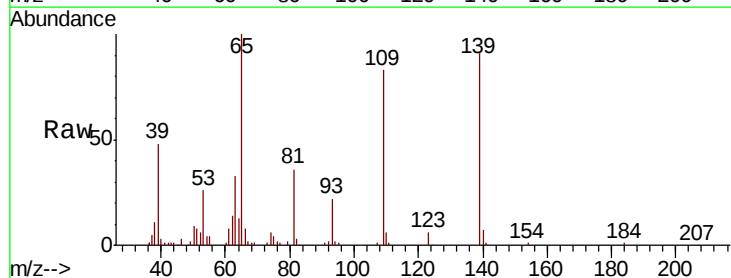
Manual Integrations
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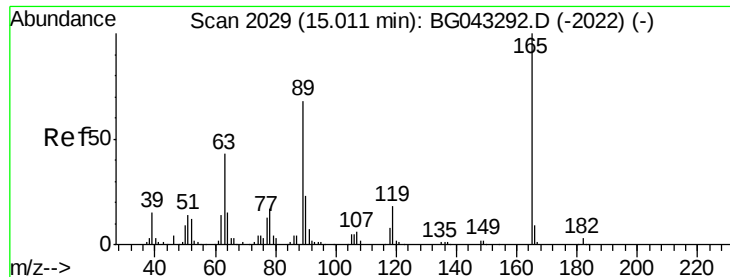
Sohil
11/8/2019 3:29:50 PM



#56
4-Nitrophenol
Concen: 90.637 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	91.0	87.2	127.2	
65	109.4	83.8	123.8	





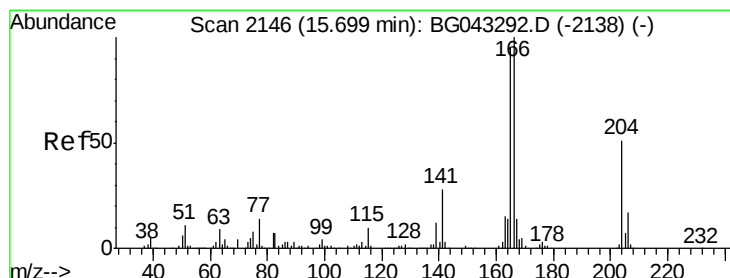
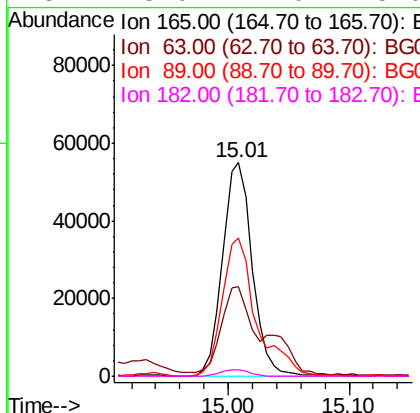
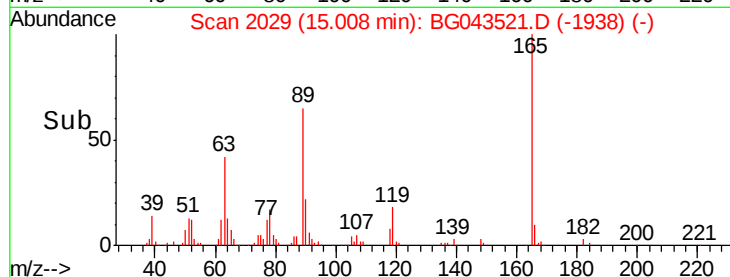
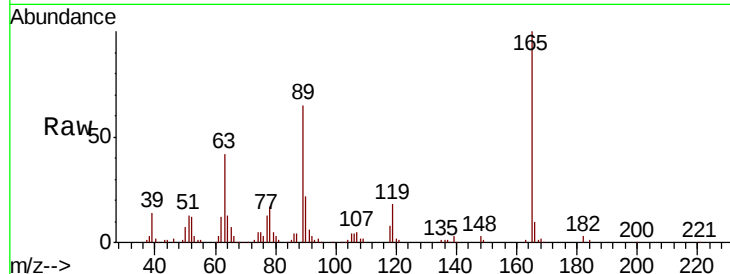
#57
2,4-Dinitrotoluene
Concen: 41.293 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.2	49.8
89	64.8	52.2	78.4
182	3.0	2.0	3.0

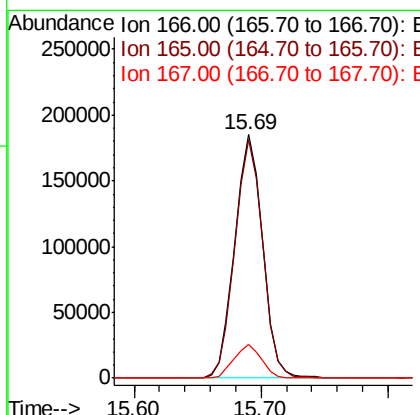
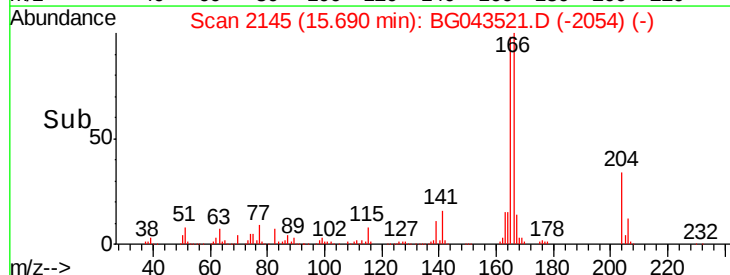
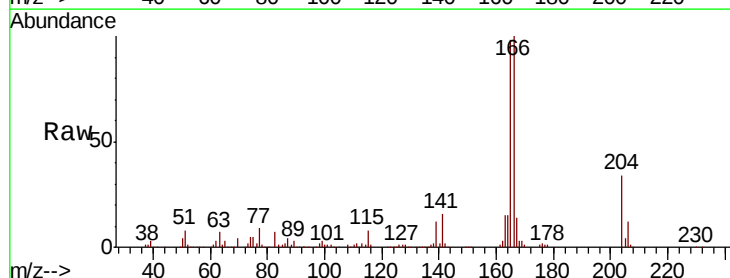
Manual Integrations
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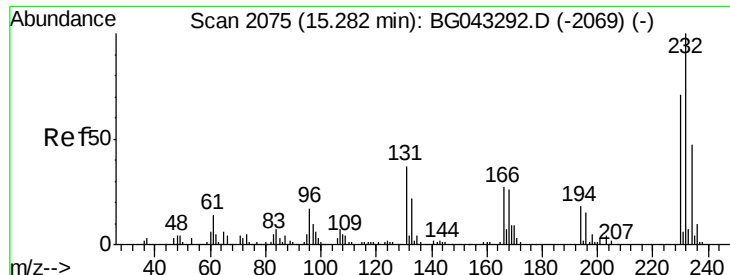
Sohil
11/8/2019 3:29:50 PM



#58
Fluorene
Concen: 39.762 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.6
167	13.8	10.5	15.7





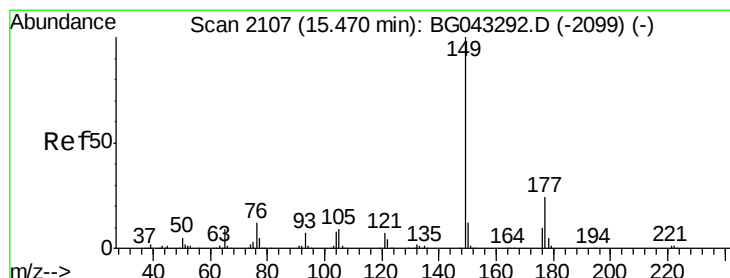
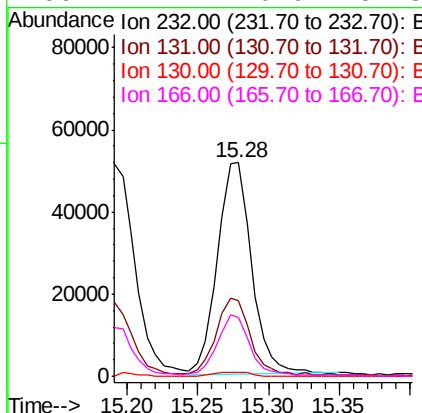
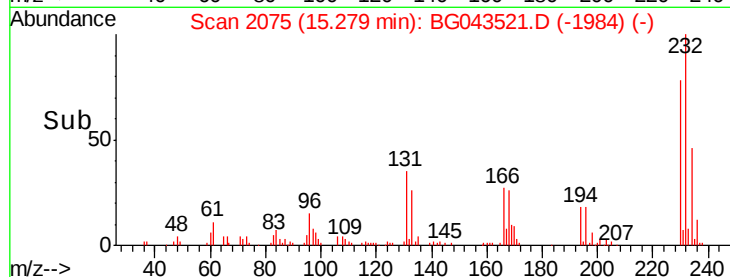
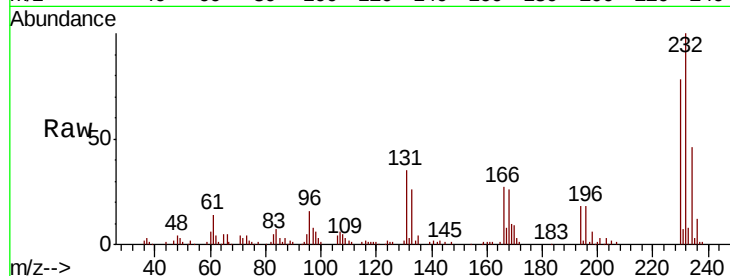
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.326 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124447BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.2	26.9	40.3
130	2.0	1.8	2.6
166	27.4	20.9	31.3

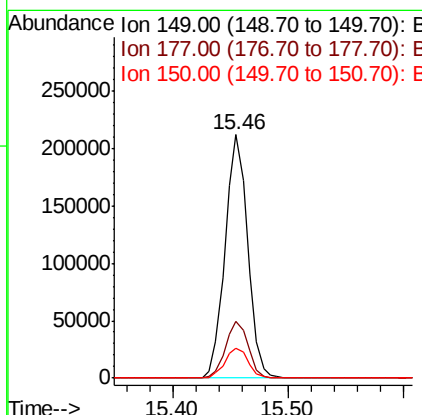
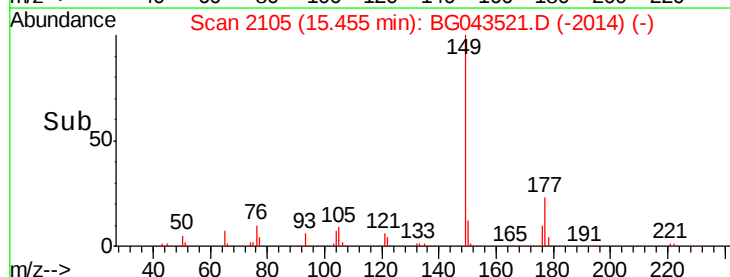
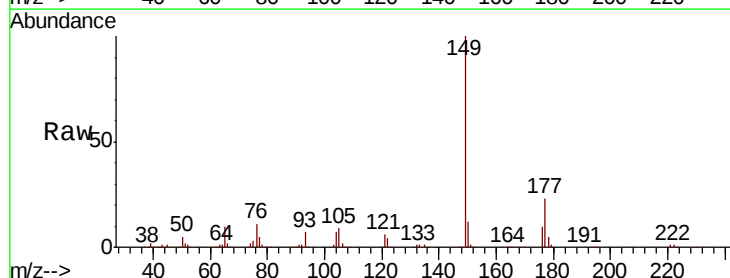
Manual Integrations
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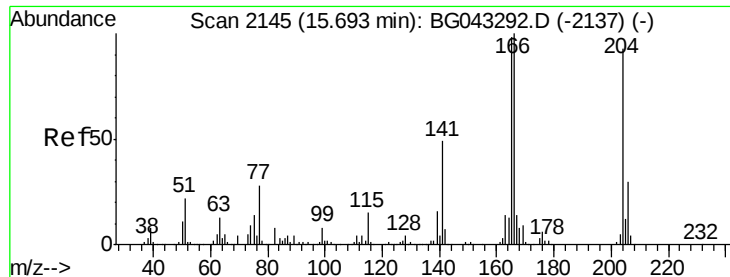
Sohil
 11/8/2019 3:29:50 PM



#60
 Diethylphthalate
 Concen: 39.057 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.6	29.4
150	12.3	10.8	16.2





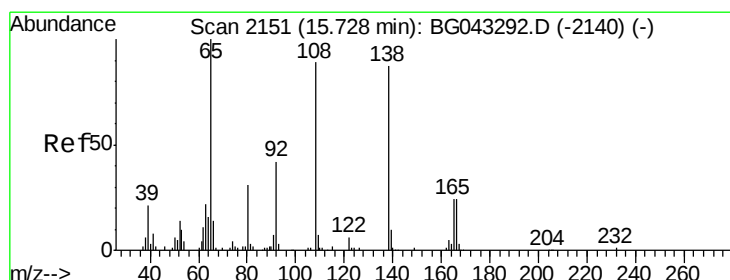
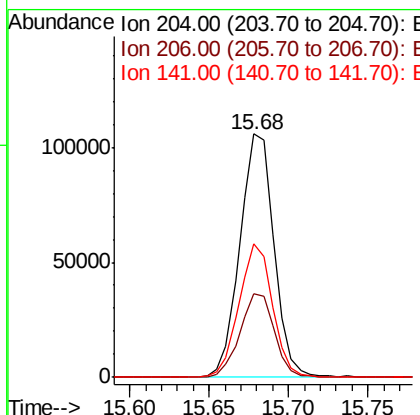
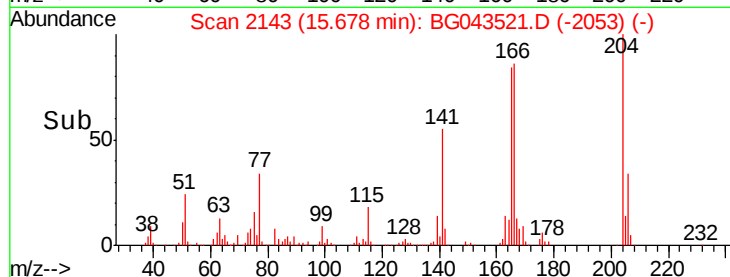
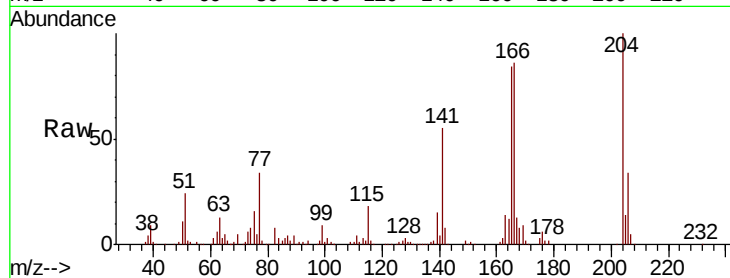
#61
4-Chlorophenyl-phenylether
Concen: 38.426 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampled :
PB124447BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	158311		
206	34.3	28.4	42.6	
141	55.0	43.0	64.6	

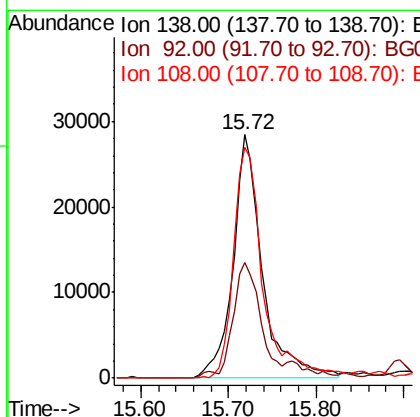
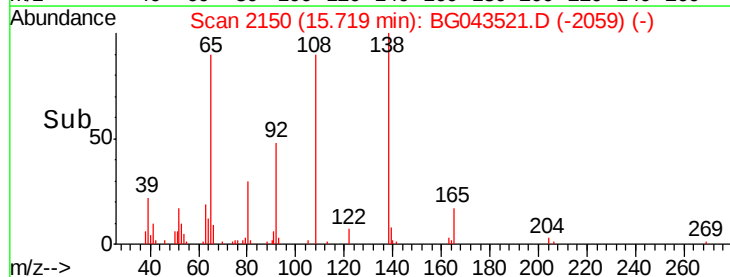
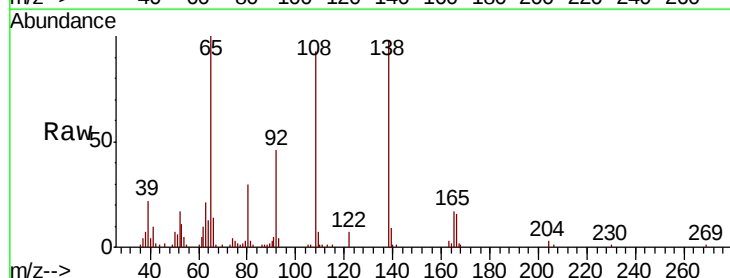
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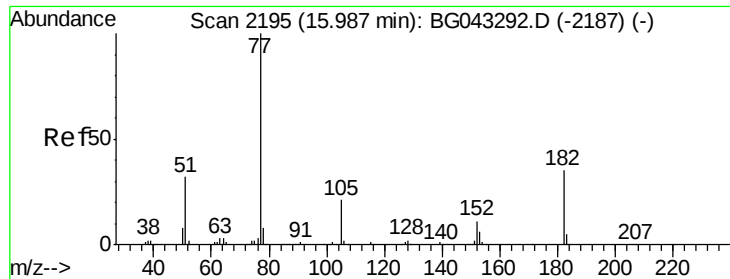
Sohil
11/8/2019 3:29:50 PM



#62
4-Nitroaniline
Concen: 40.759 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	64635		
92	47.4	33.4	73.4	
108	94.6	78.0	118.0	





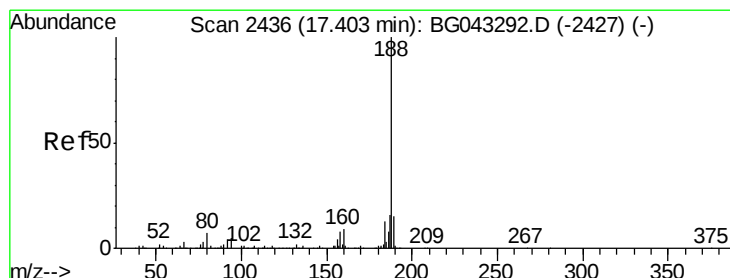
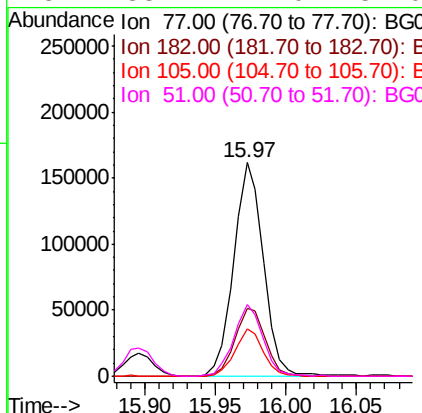
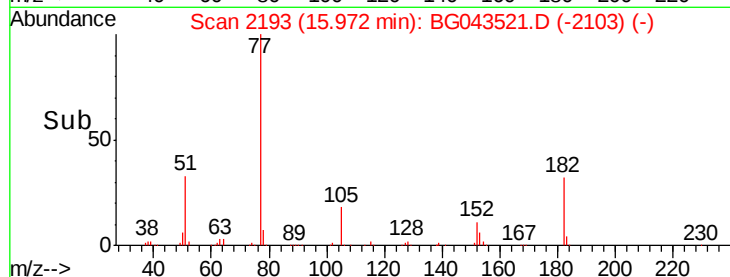
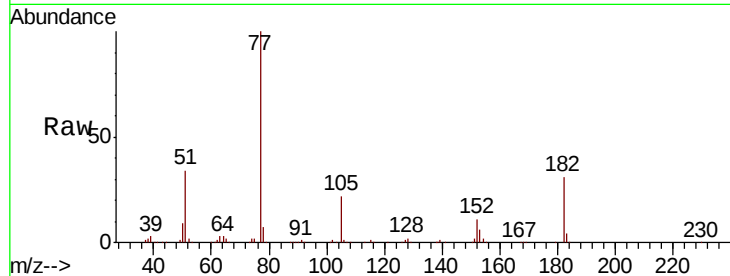
#63
Azobenzene
Concen: 39.330 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	13.7	53.7
105	22.2	0.4	40.4
51	33.7	11.0	51.0

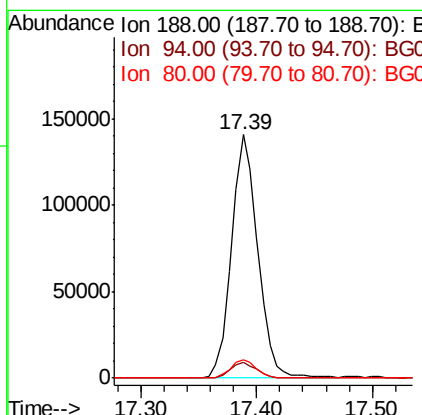
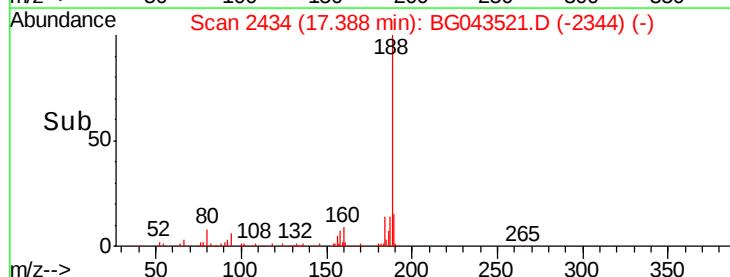
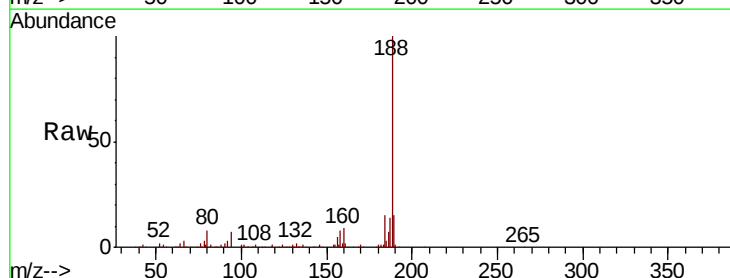
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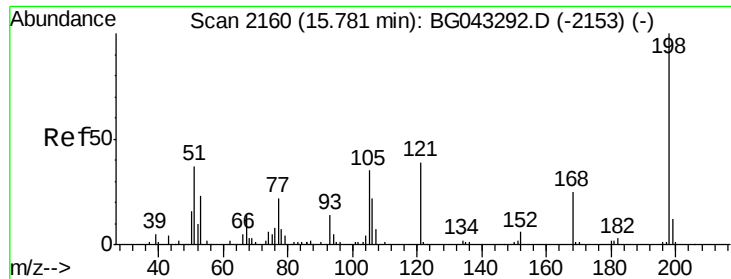
Sohil
11/8/2019 3:29:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	4.2	6.4#
80	7.8	4.5	6.7#





#65

4,6-Dinitro-2-methylphenol

Concen: 45.359 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

PB124447BS

Tot Ion:198 Resp: 59097

Ion Ratio Lower Upper

198 100

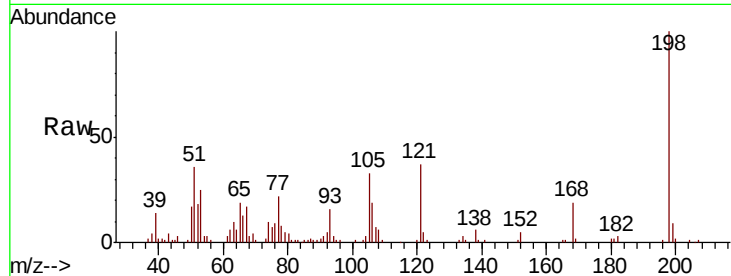
51 36.4 13.2 53.2

105 33.4 15.8 55.8

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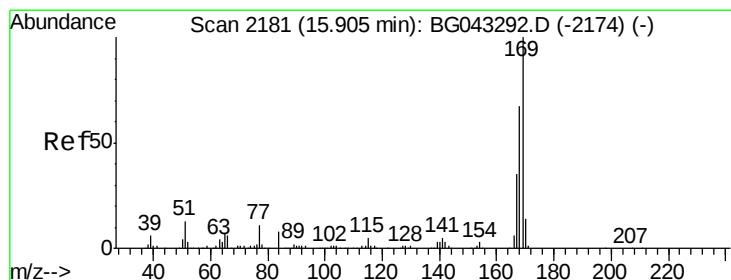
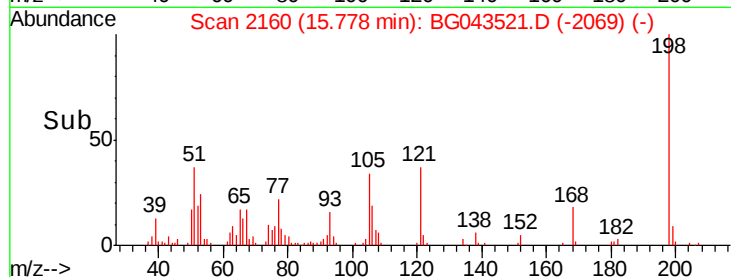
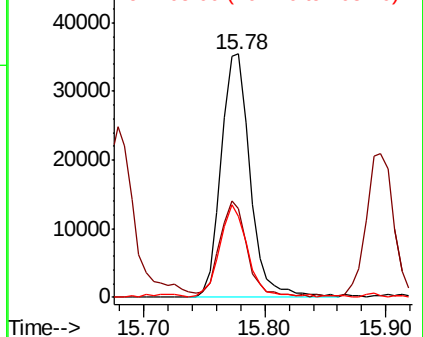
11/8/2019 3:29:50 PM



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: 40.175 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

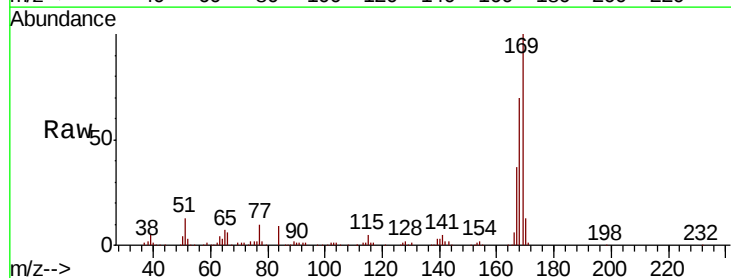
Tgt Ion:169 Resp: 251106

Ion Ratio Lower Upper

169 100

168 69.7 53.8 80.6

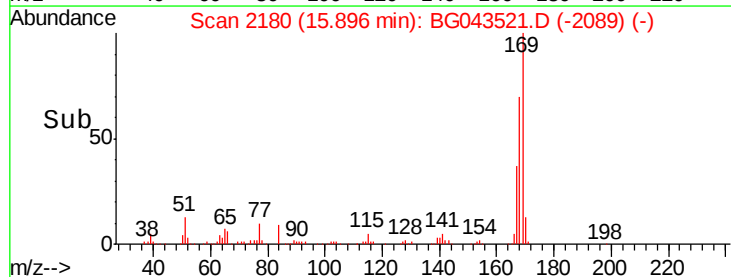
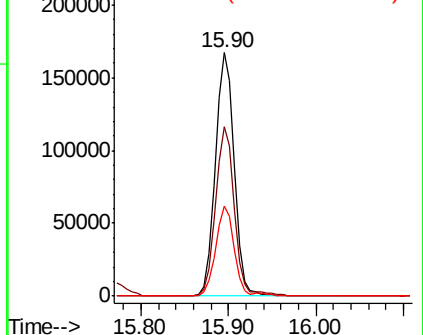
167 36.9 27.5 41.3

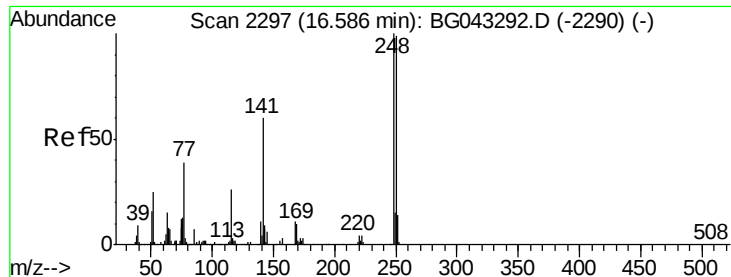


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





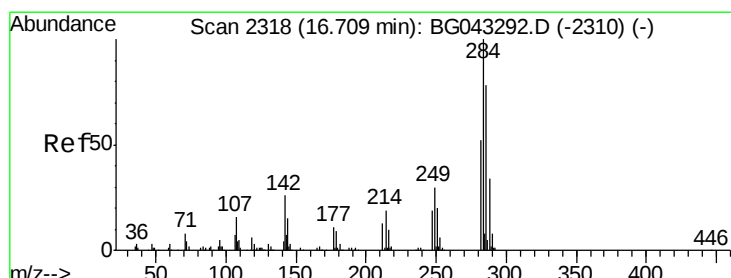
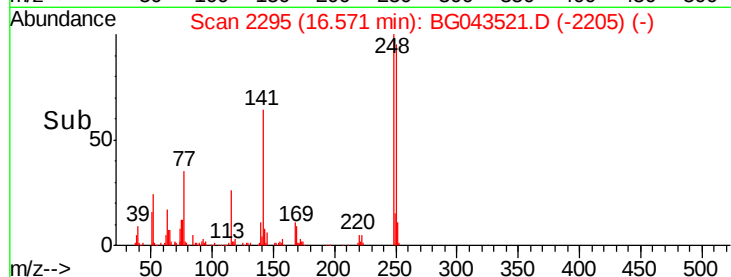
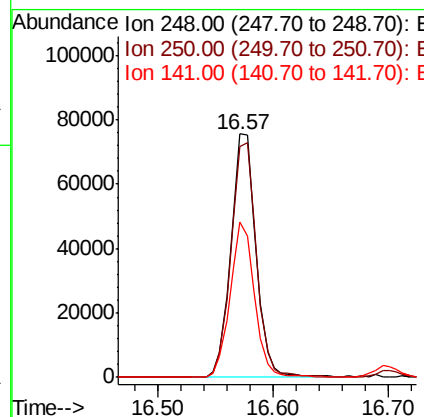
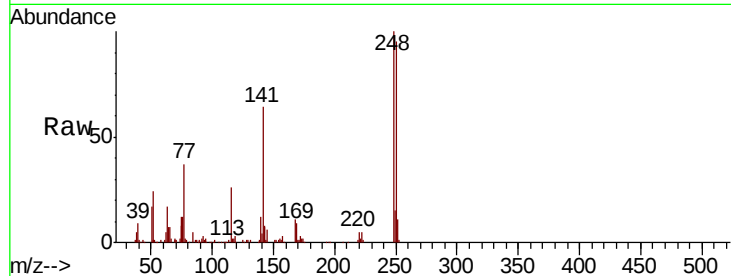
#67
4-Bromophenyl-phenylether
Concen: 38.215 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.0	115.4
141	64.0	47.5	71.3

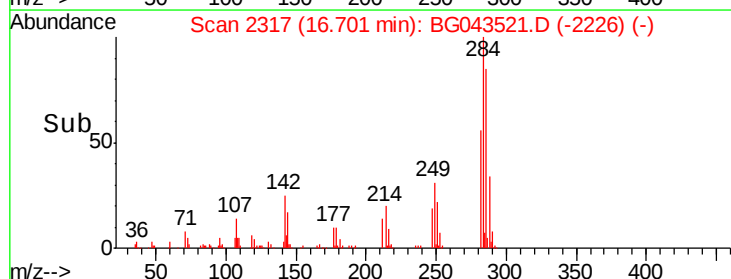
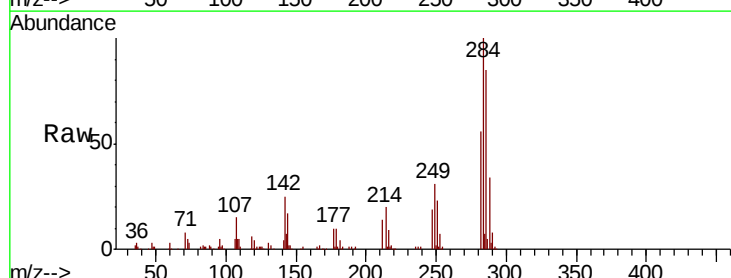
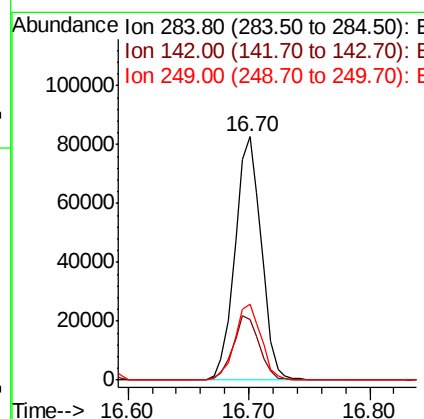
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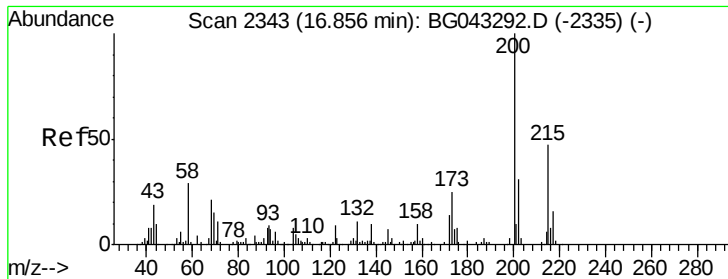
Sohil
11/8/2019 3:29:50 PM



#68
Hexachlorobenzene
Concen: 36.575 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.0	19.8	29.8
249	31.1	23.8	35.6





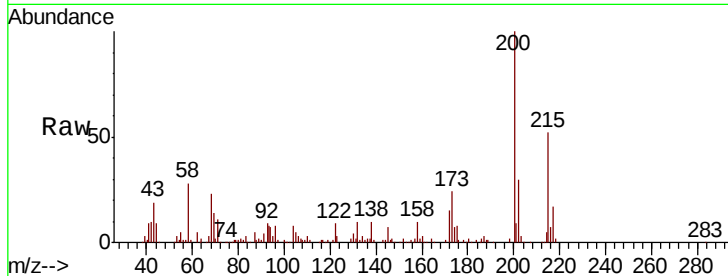
#69
Atrazine
Concen: 48.621 ng
RT: 16.85 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

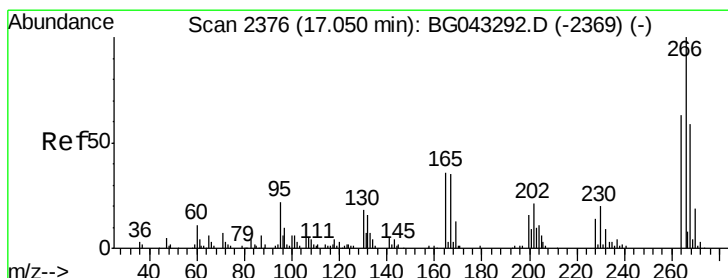
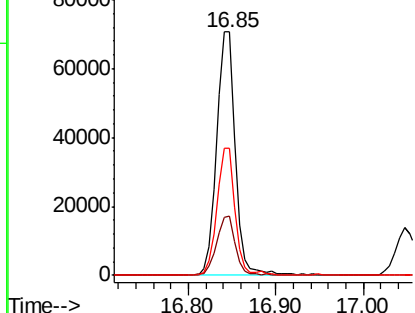
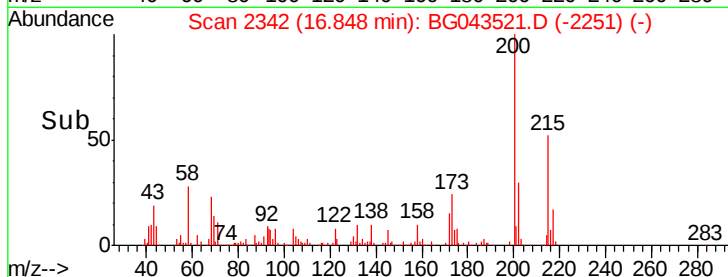
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.7	44.7
215	52.2	28.5	68.5

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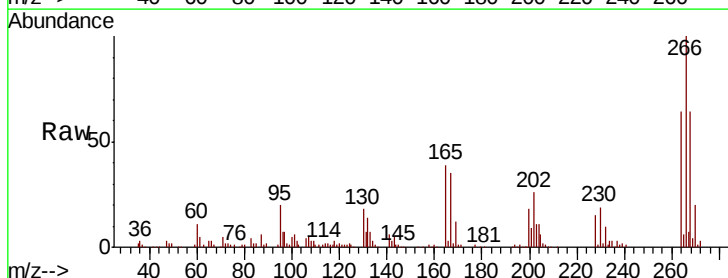


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

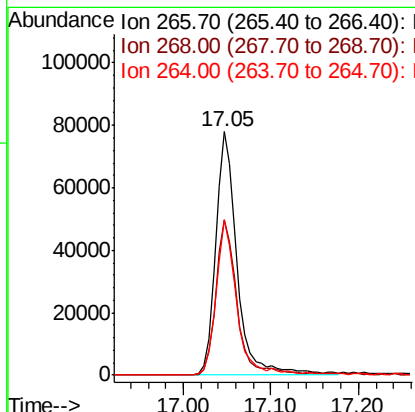
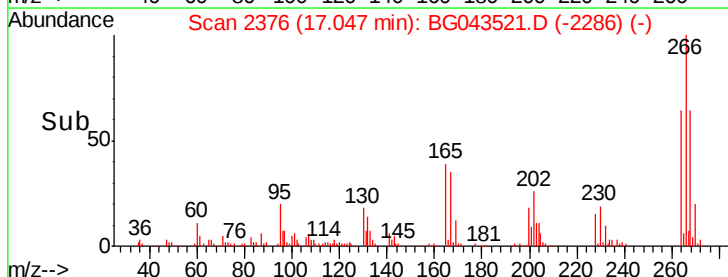


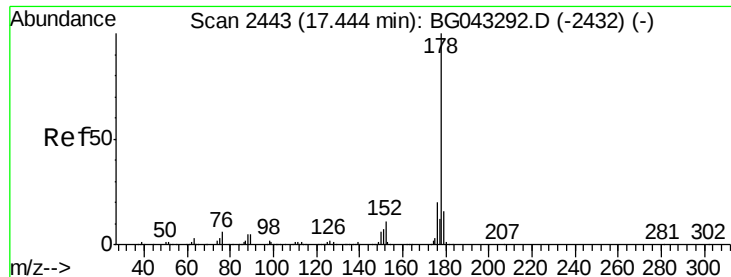
#70
Pentachlorophenol
Concen: 85.167 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.4	75.6
264	63.8	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.101 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

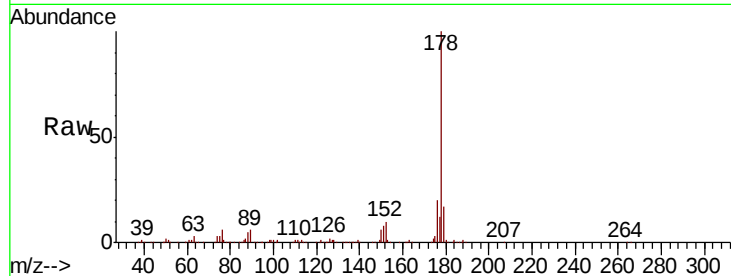
ClientSampleId :

PB124447BS

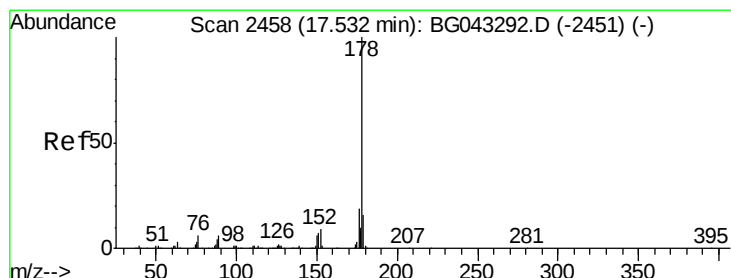
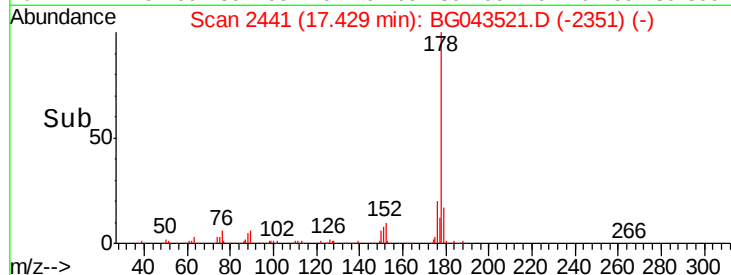
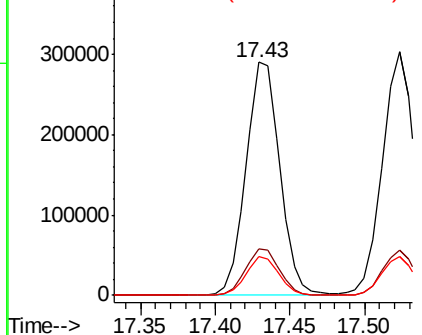
Tot Ion:178	Resp:	454617
Ion Ratio	Lower	Upper
178	100	
176	19.8	15.4 23.0
179	16.7	13.0 19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.158 ng

RT: 17.52 min Scan# 2457

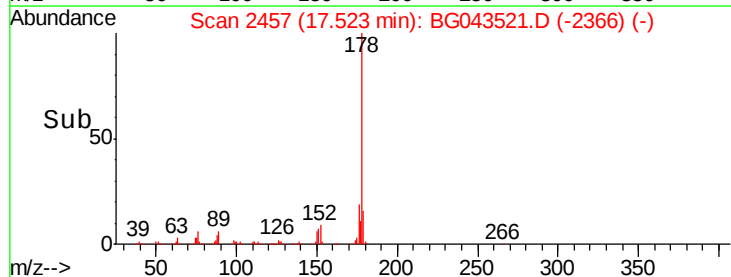
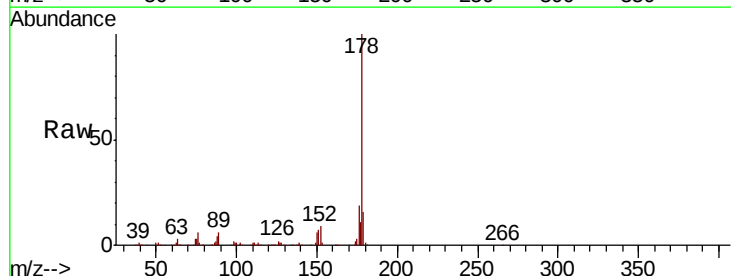
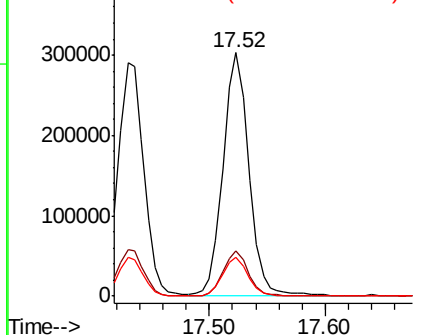
Delta R.T. 0.00 min

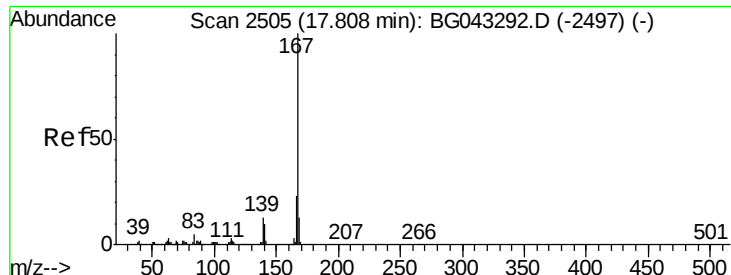
Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:178	Resp:	466835
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.5 23.3
179	16.0	13.7 20.5

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





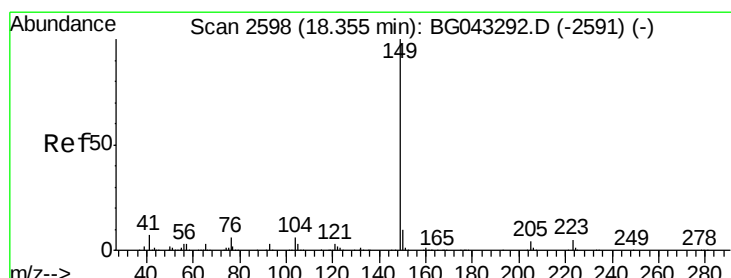
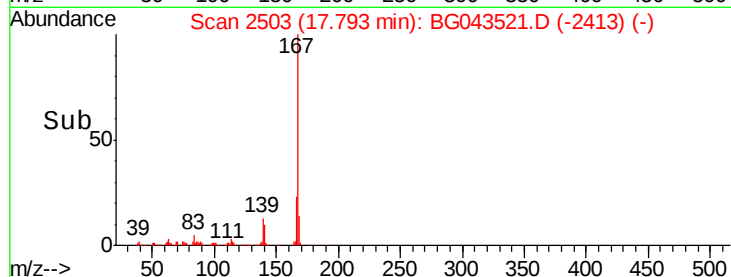
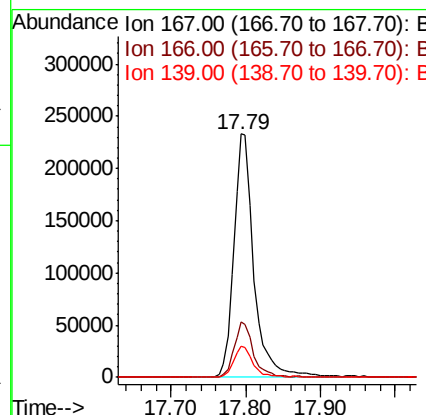
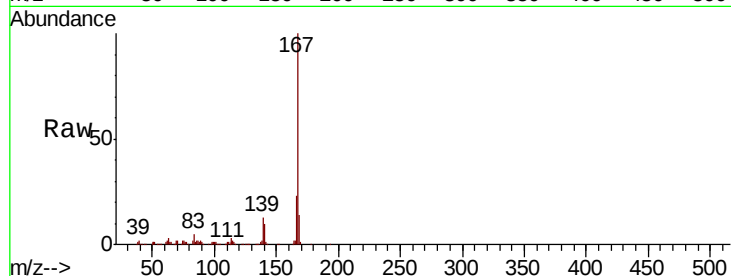
#73
 Carbazole
 Concen: 42.568 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB124447BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.7	28.1
139	12.9	10.0	15.0

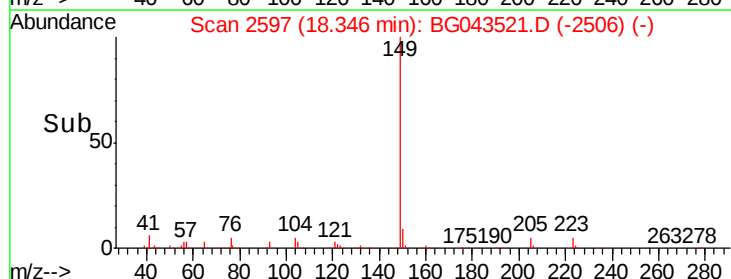
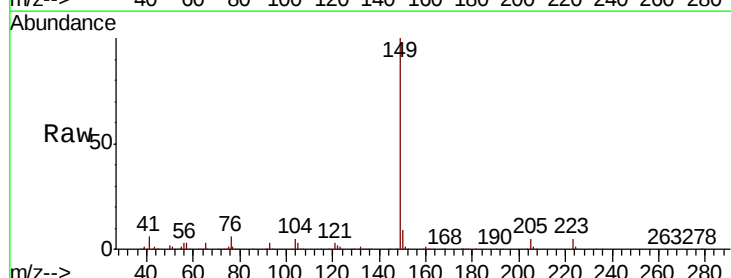
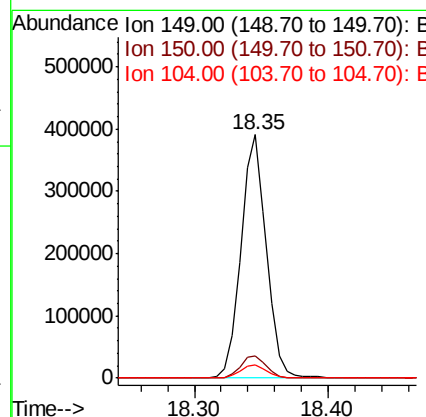
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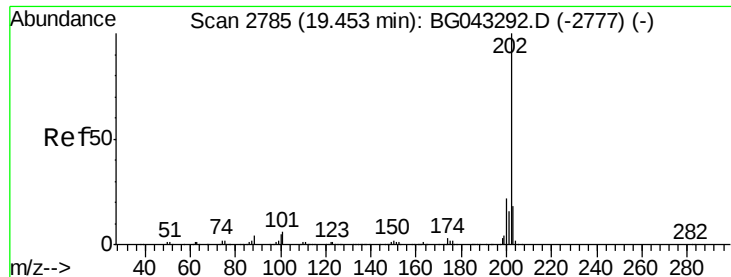
Sohil
 11/8/2019 3:29:50 PM



#74
 Di-n-butylphthalate
 Concen: 41.104 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.0	12.0
104	5.2	4.4	6.6





#75

Fluoranthene

Concen: 41.198 ng

RT: 19.44 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

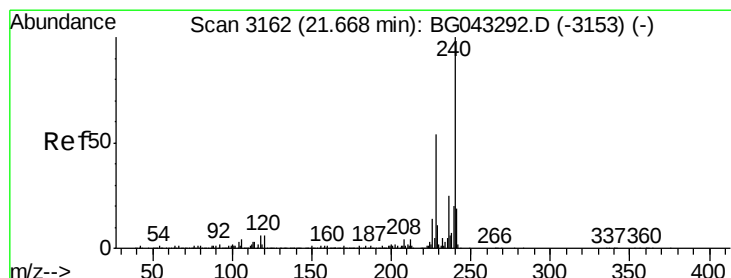
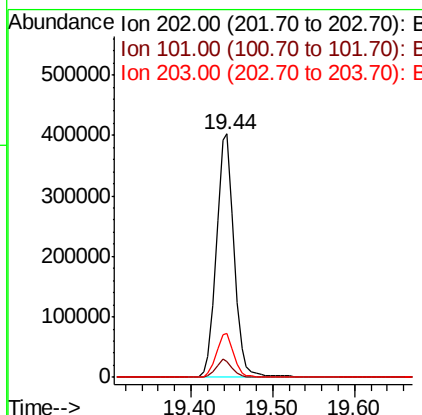
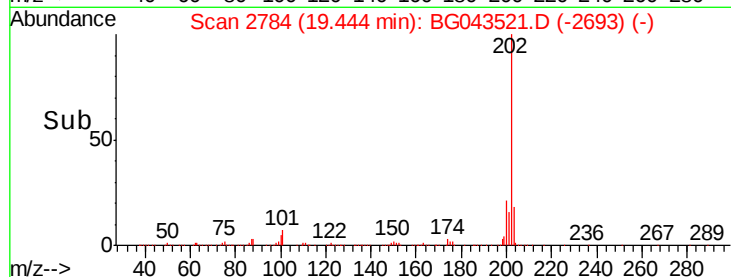
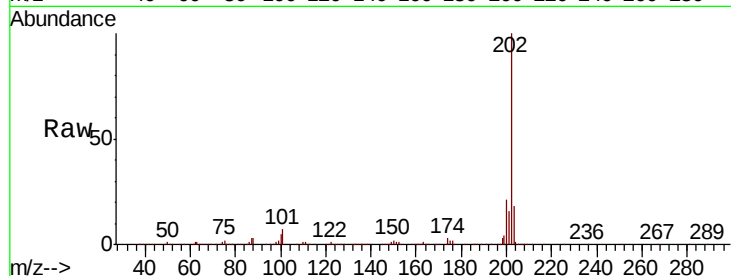
ClientSampleId :

PB124447BS

Tot Ion:	202	Resp:	608893
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	26.3
203	18.2	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

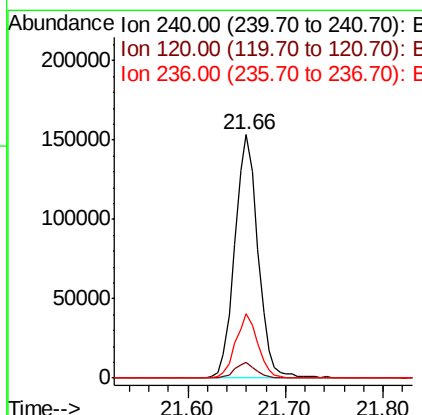
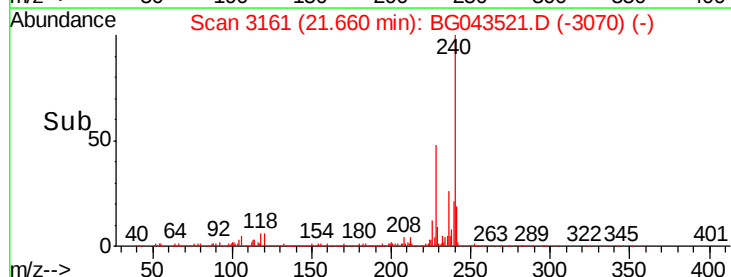
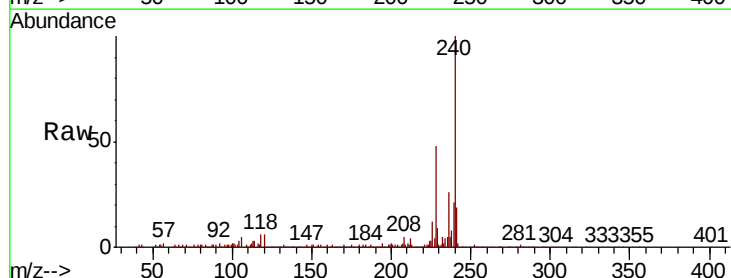
RT: 21.66 min Scan# 3161

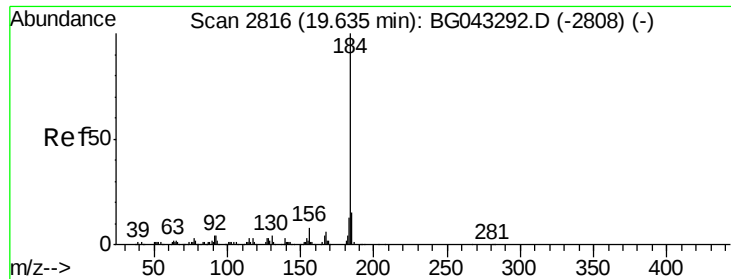
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	240	Resp:	253481
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.6	6.8
236	26.2	19.8	29.8





#77

Benzidine

Concen: 25.285 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

ClientSampleId :

PB124447BS

Tot Ion:184 Resp: 128986

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.4

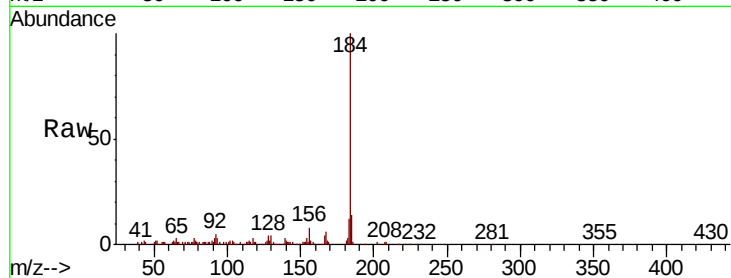
183 12.0 10.0 15.0

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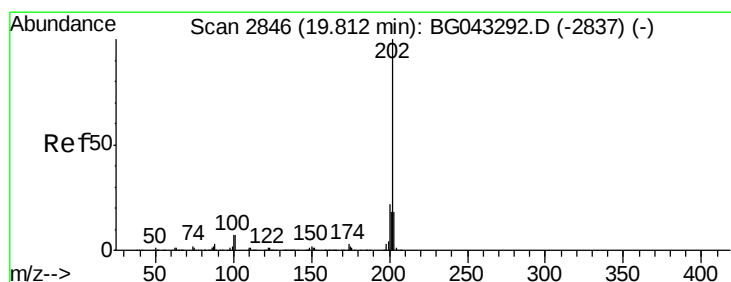
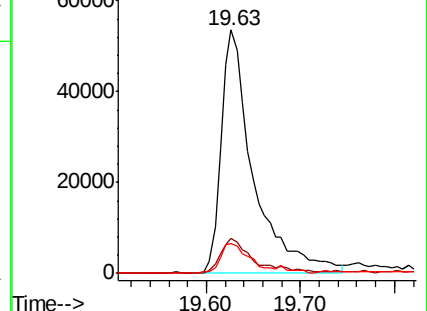
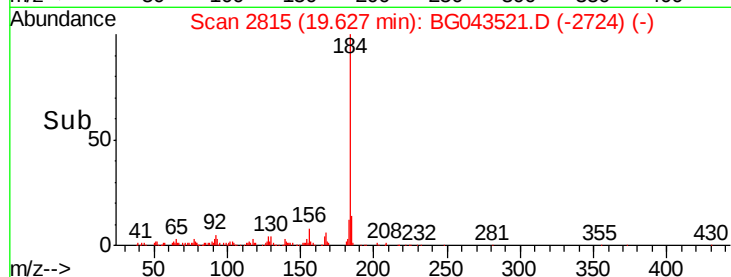
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.382 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

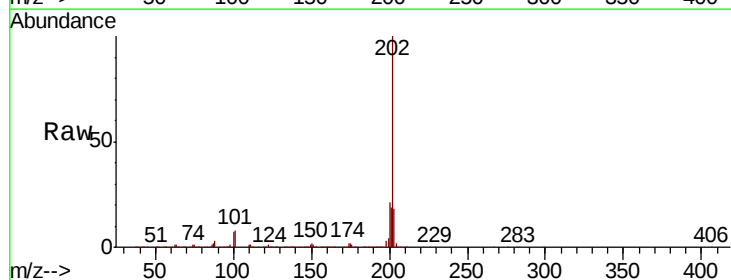
Tgt Ion:202 Resp: 617917

Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

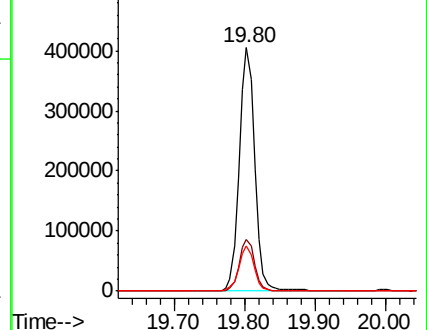
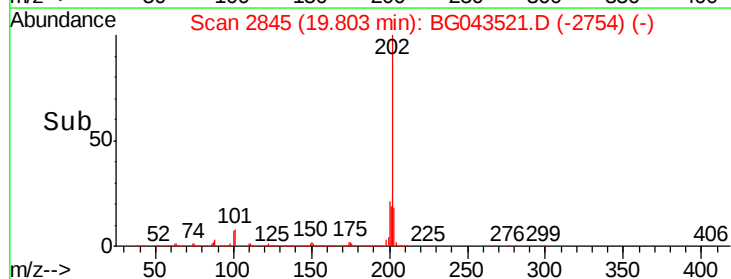
203 18.5 14.7 22.1

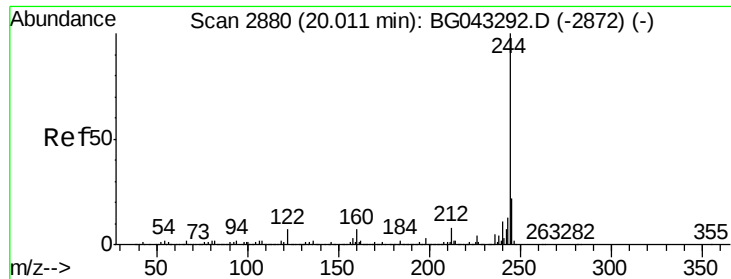


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.567 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

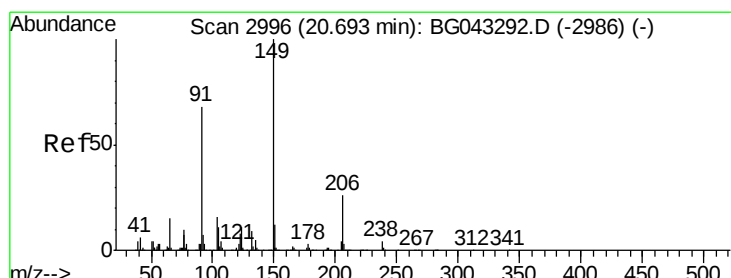
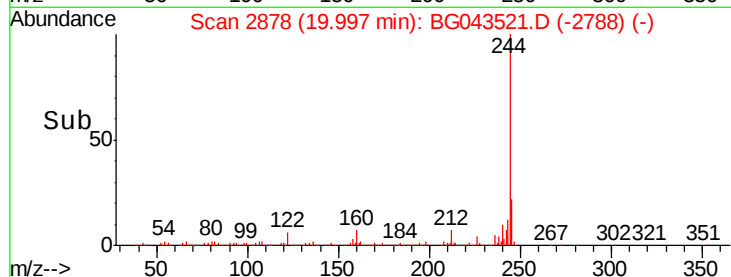
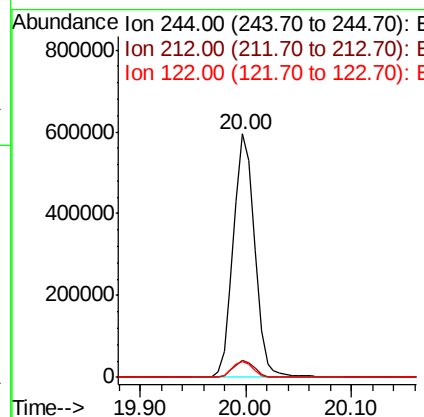
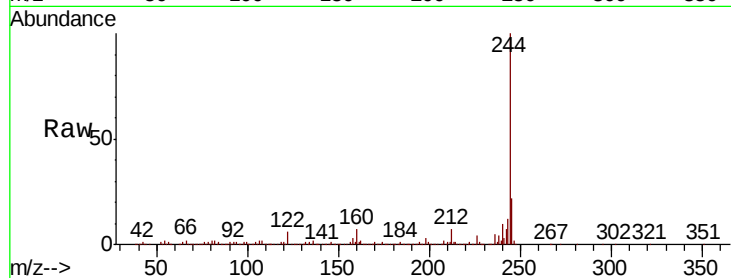
ClientSampleId :

PB124447BS

Tot Ion:	244	Resp:	831858
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.6
122	6.3	5.4	8.2

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#80

Butylbenzylphthalate

Concen: 38.963 ng

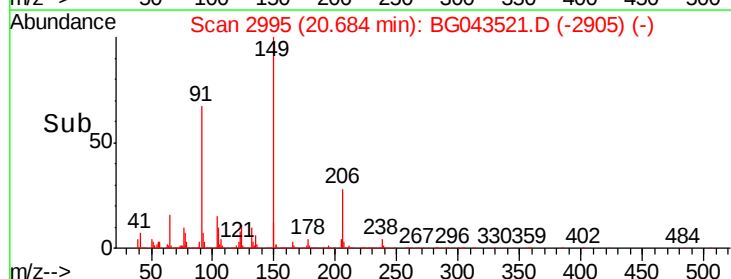
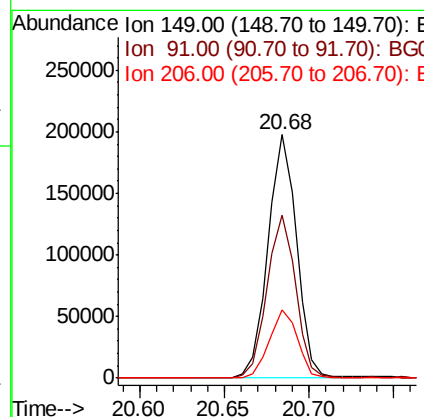
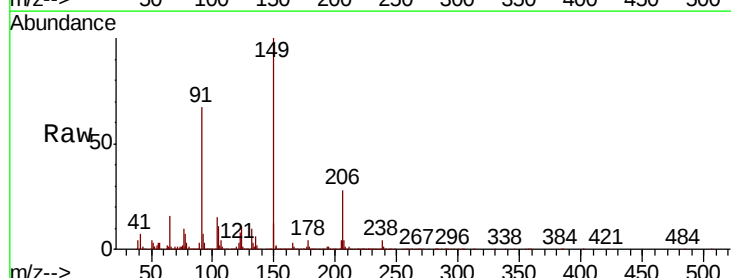
RT: 20.68 min Scan# 2995

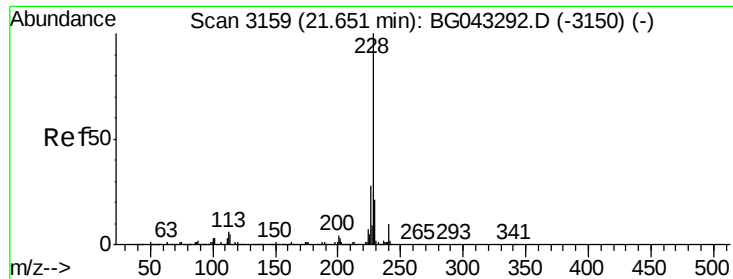
Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	149	Resp:	231613
Ion Ratio	Lower	Upper	
149	100		
91	67.0	51.2	76.8
206	27.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 40.367 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

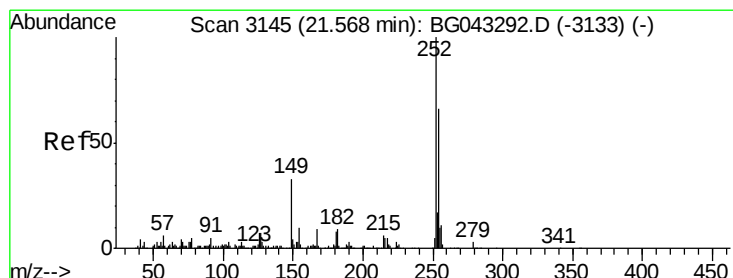
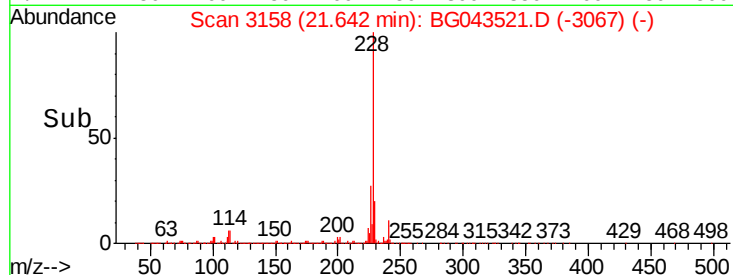
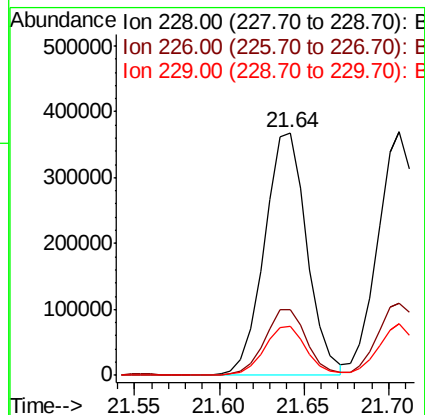
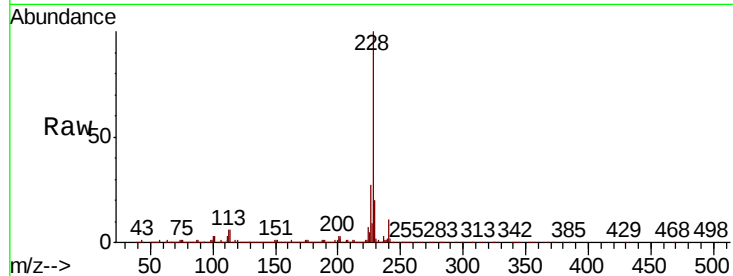
ClientSampleId :

PB124447BS

Tot Ion:	228	Resp:	640940
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.2	33.2
229	20.4	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 34.537 ng

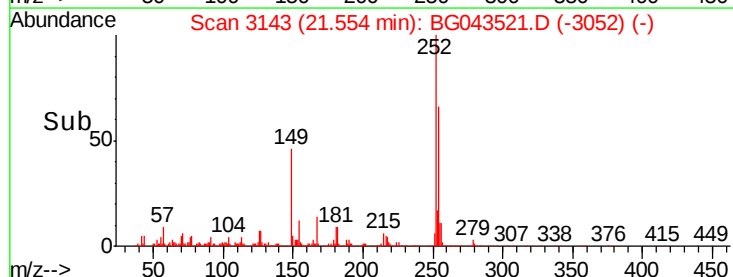
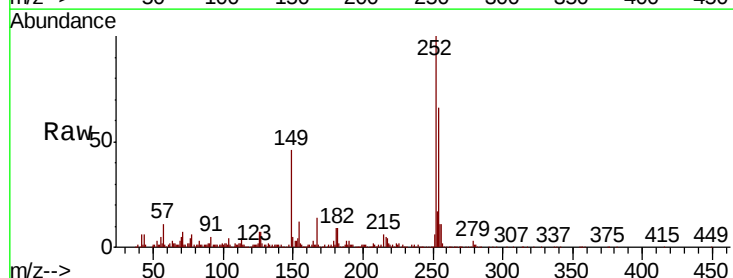
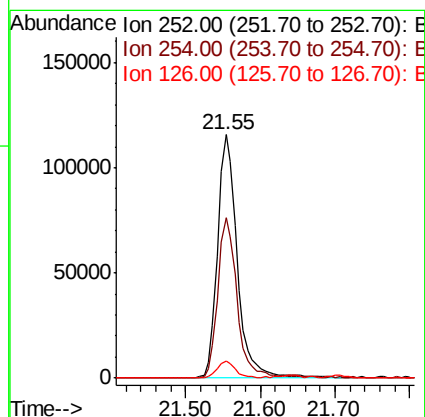
RT: 21.55 min Scan# 3143

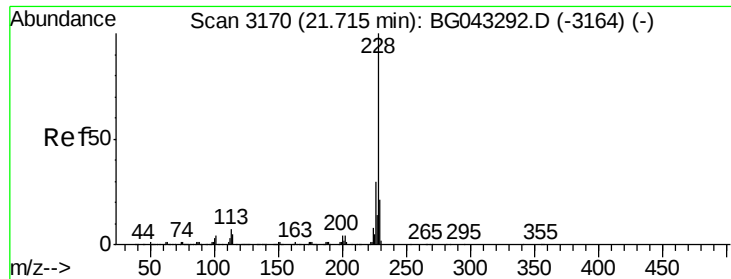
Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	252	Resp:	212098
Ion Ratio	Lower	Upper	
252	100		
254	65.8	50.8	76.2
126	7.1	6.1	9.1





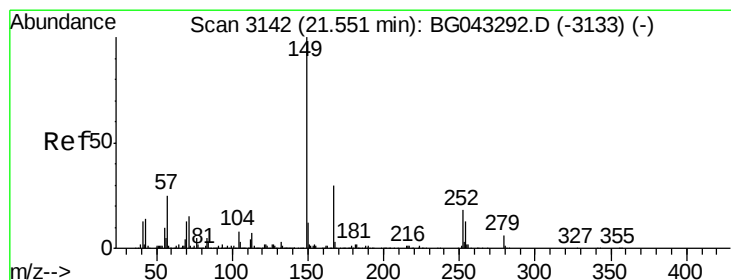
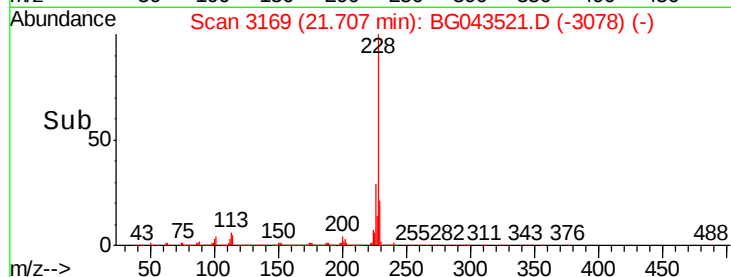
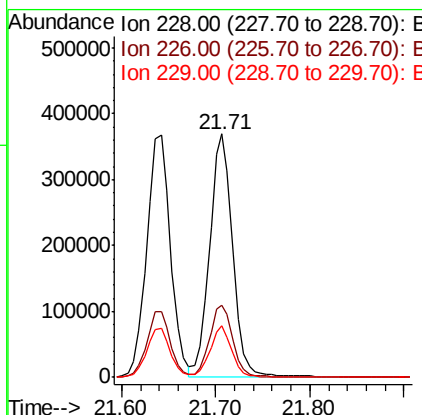
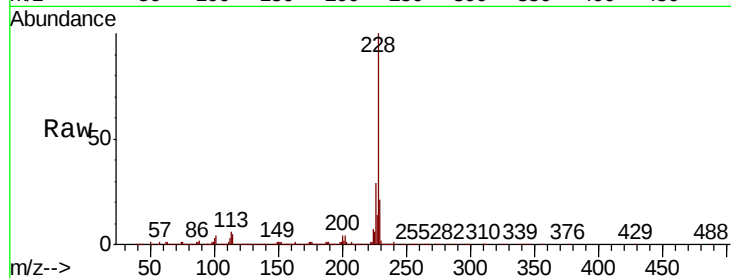
#83
 Chrvsene
 Concen: 40.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Instrument :
 BNA_G
 ClientSampled :
 PB124447BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	21.0	17.0	25.4

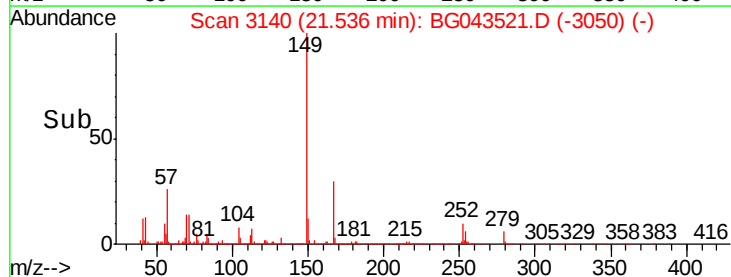
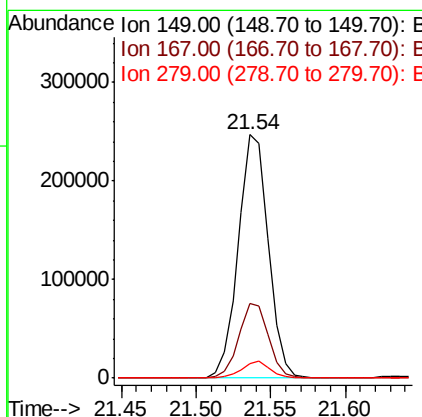
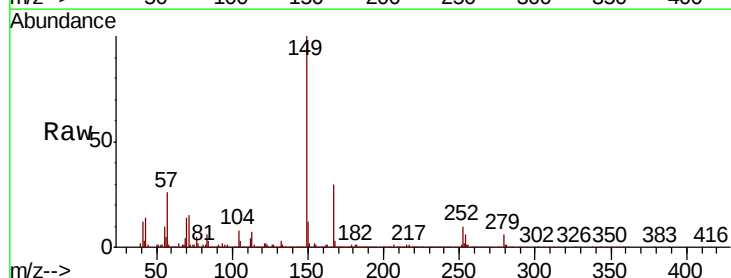
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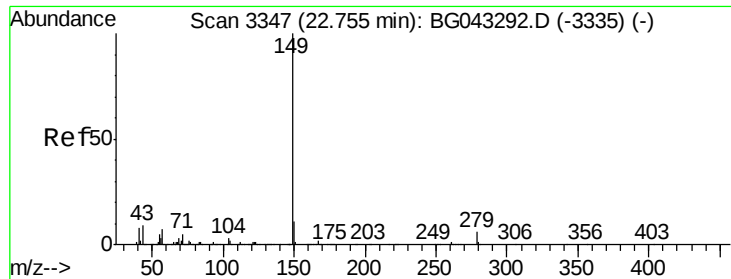
Sohil
 11/8/2019 3:29:50 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.859 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043521.D
 Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.0	36.0
279	6.1	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 41.230 ng

RT: 22.73 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

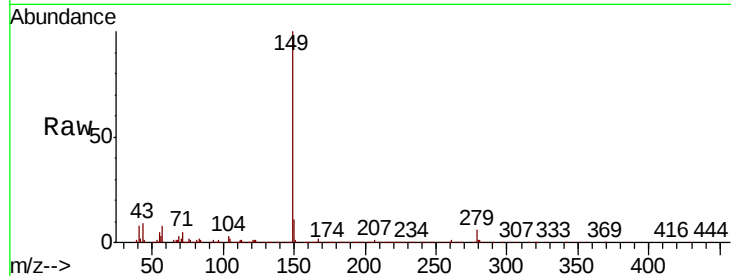
ClientSampleId :

PB124447BS

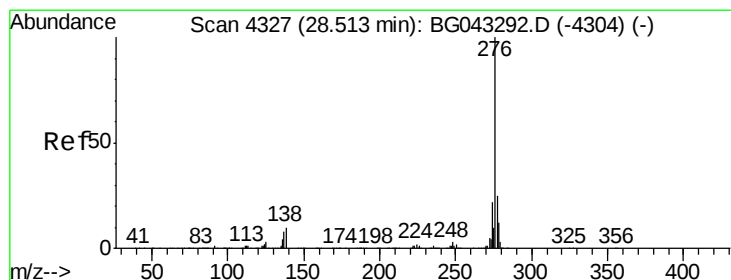
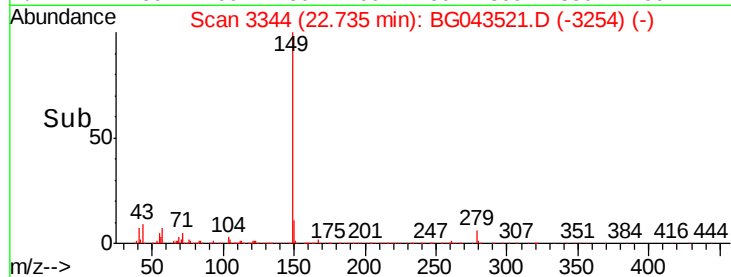
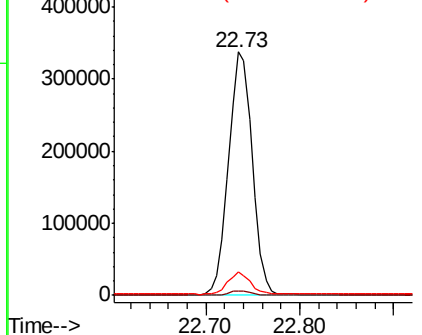
Tot Ion:	149	Resp:	590656
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.7	7.0	10.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.301 ng

RT: 28.51 min Scan# 4327

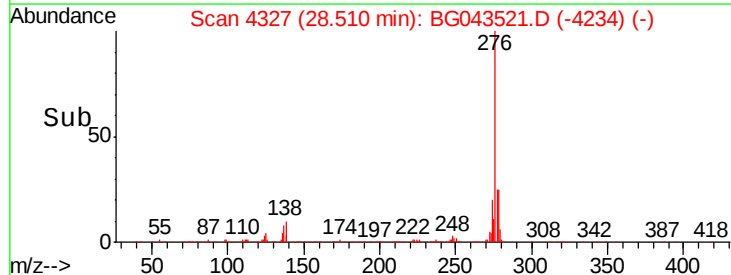
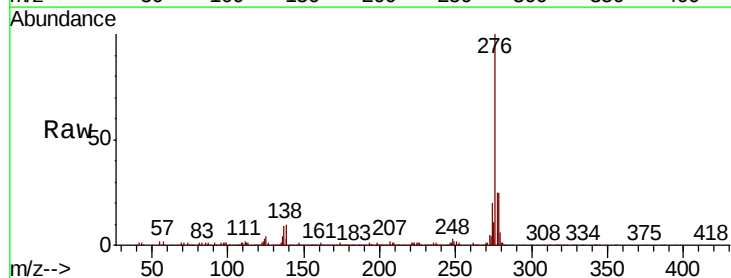
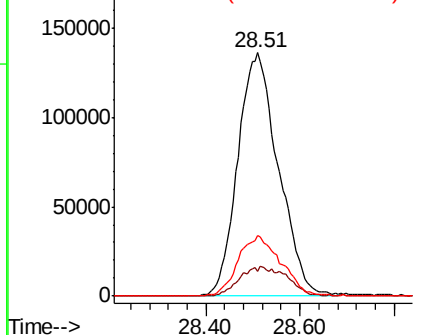
Delta R.T. 0.02 min

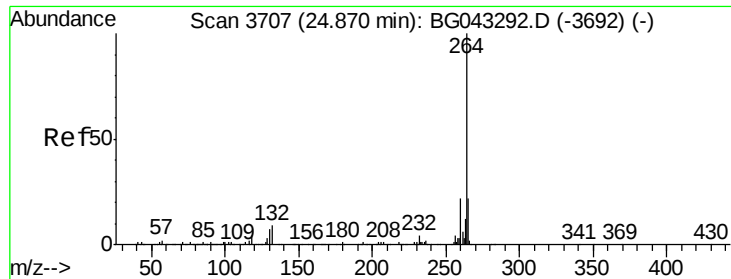
Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Tgt Ion:	276	Resp:	817879
Ion Ratio	Lower	Upper	
276	100		
138	5.8	6.8	10.2#
277	26.2	20.9	31.3

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BG043521.D

Acq: 6 Nov 2019 15:39

Instrument :

BNA_G

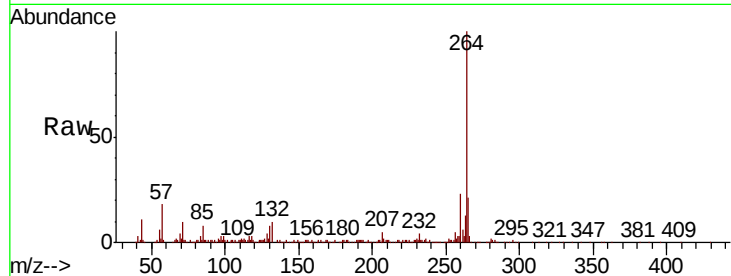
ClientSampleId :

PB124447BS

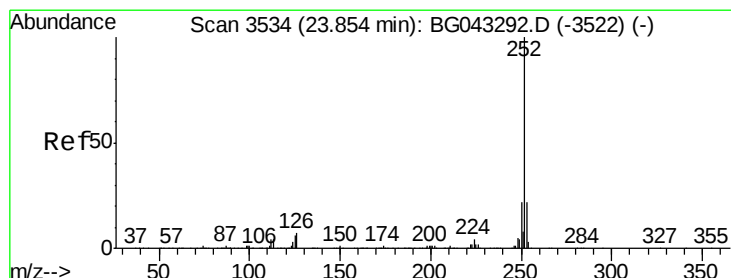
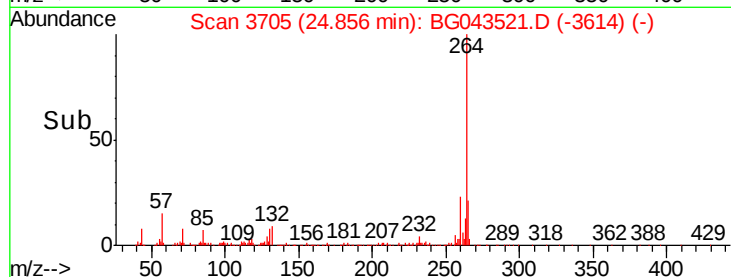
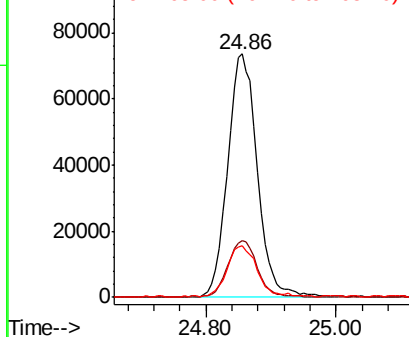
Tot Ion:	264	Resp:	231702
Ion Ratio		Lower	Upper
264	100		
260	23.3	17.5	26.3
265	21.4	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.992 ng

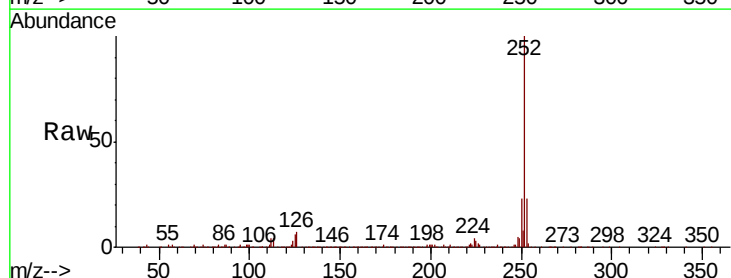
RT: 23.85 min Scan# 3533

Delta R.T. 0.00 min

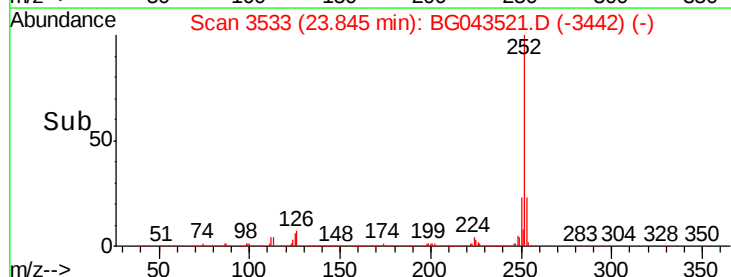
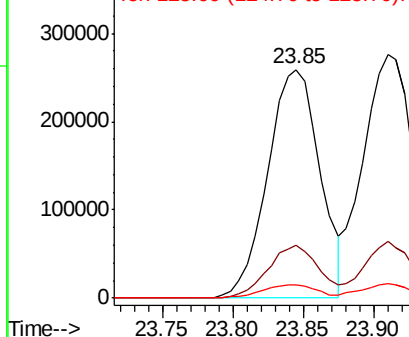
Lab File: BG043521.D

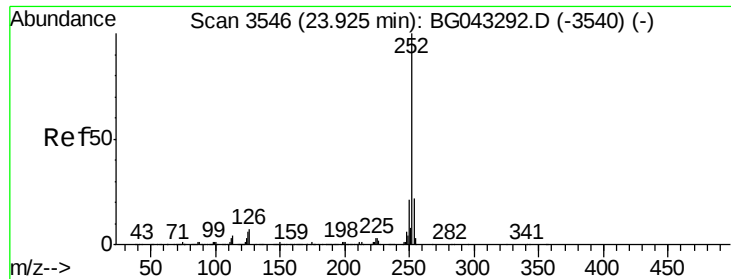
Acq: 6 Nov 2019 15:39

Tgt Ion:	252	Resp:	669165
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.7	26.5
125	5.9	4.5	6.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





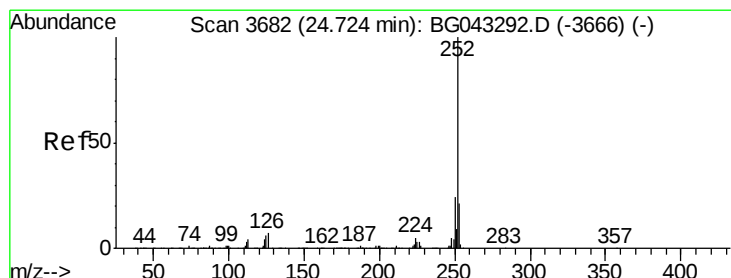
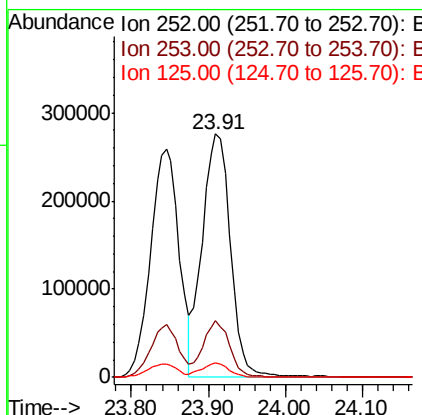
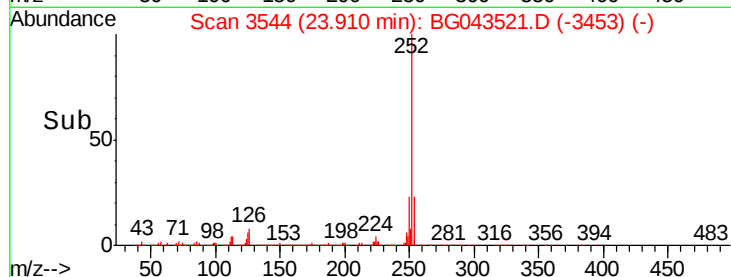
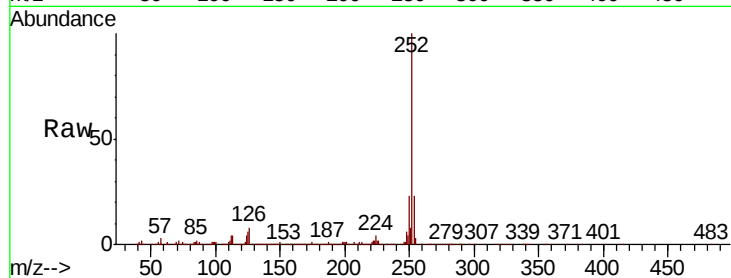
#89
Benzo(k)fluoranthene
Concen: 52.547 ng
RT: 23.91 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	5.9	4.6	6.8

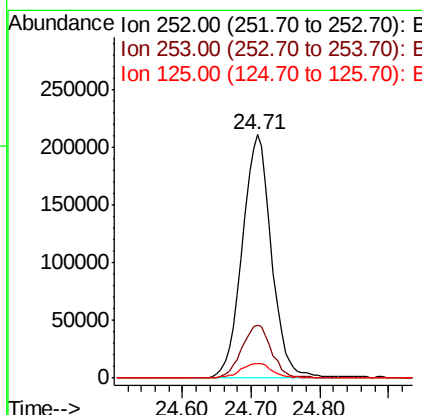
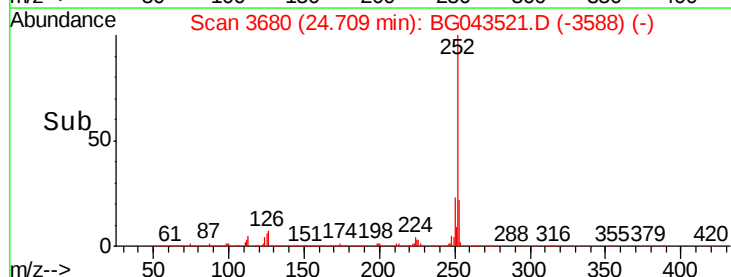
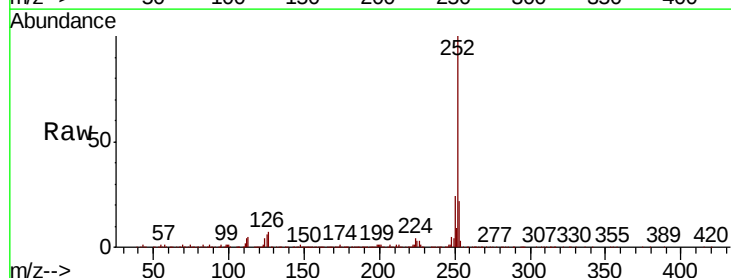
Manual Integrations
APPROVED

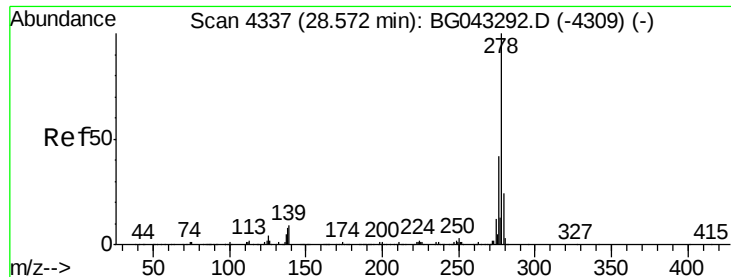
Sohil
11/8/2019 3:29:50 PM



#90
Benzo(a)pyrene
Concen: 49.907 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	5.9	5.4	8.2





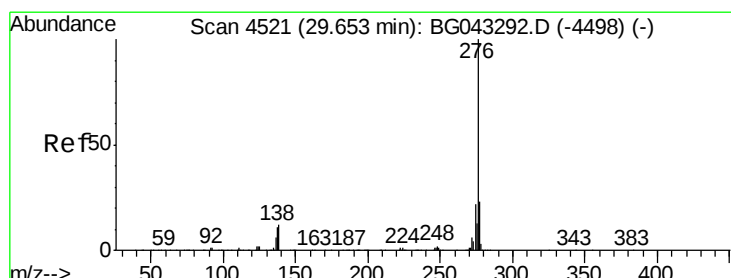
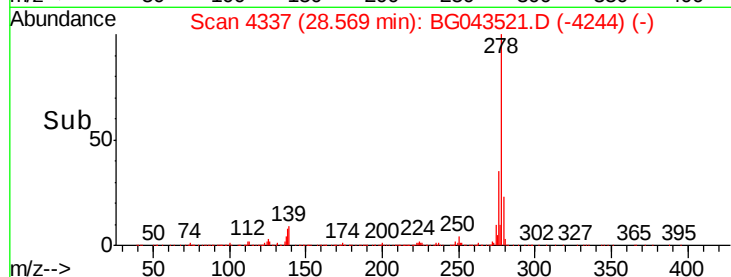
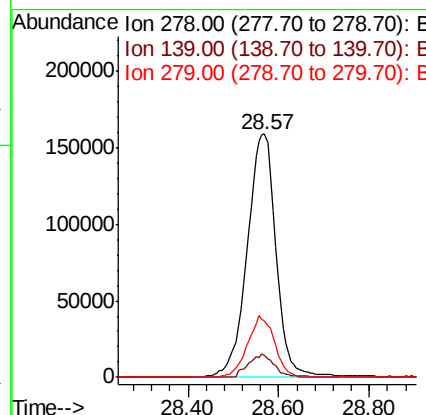
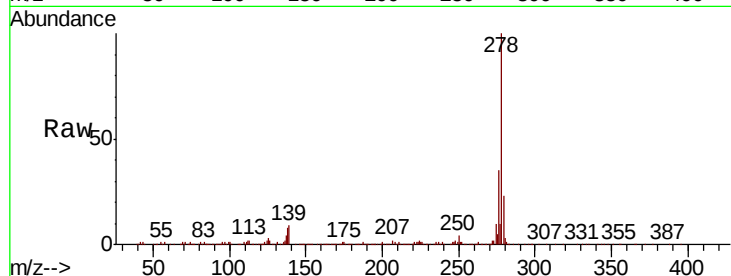
#91
Dibenzo(a,h)anthracene
Concen: 54.477 ng
RT: 28.57 min Scan# 4337
Delta R.T. 0.02 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Instrument :
BNA_G
ClientSampleId :
PB124447BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.4	11.0
279	23.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
11/8/2019 3:29:50 PM



#92
Benzo(g,h,i)perylene
Concen: 54.754 ng
RT: 29.65 min Scan# 4521
Delta R.T. 0.02 min
Lab File: BG043521.D
Acq: 6 Nov 2019 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	11.3	8.9	13.3

