

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043639.D
 Acq On : 14 Nov 2019 18:30
 Operator : JU
 Sample : K5832-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Manual Integrations
 APPROVED

mohammad
 11/15/2019 6:00:35 PM

Quant Time: Nov 15 02:47:57 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	8.00	152	29660	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	111247	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	80255	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	190270	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	205682	20.00	ng	-0.01
87) Perylene-d12	24.82	264	248296	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	264506	163.42	ng	0.00
7) Phenol-d6	7.21	99	381831	163.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	234594	108.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	225947	147.94	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	603867	103.97	ng	-0.01
79) Terphenyl-d14	19.99	244	1133252	103.37	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.46	88	22493	35.660	ng	# 96
3) Pyridine	3.86	79	58071	36.497	ng	97
4) n-Nitrosodimethylamine	3.77	42	37413	46.598	ng	88
6) Aniline	7.33	93	79094	29.483	ng	99
8) 2-Chlorophenol	7.58	128	86857	48.612	ng	93
9) Benzaldehyde	7.14	77	41035	35.855	ng	94
10) Phenol	7.23	94	115458	54.256	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	71619	43.530	ng	99
12) 1,3-Dichlorobenzene	7.89	146	93518	41.774	ng	95
13) 1,4-Dichlorobenzene	8.03	146	96165	42.458	ng	98
14) 1,2-Dichlorobenzene	8.35	146	90563	40.951	ng	99
15) Benzyl Alcohol	8.25	79	77015	47.089	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.52	45	97580	40.788	ng	98
17) 2-Methylphenol	8.47	107	74289	47.887	ng	97
18) Hexachloroethane	9.07	117	34045	41.662	ng	91
19) n-Nitroso-di-n-propylamine	8.80	70	64130	42.617	ng	91
20) 3+4-Methylphenols	8.80	107	98674	46.385	ng	89
22) Acetophenone	8.82	105	126151	44.280	ng	# 93
24) Nitrobenzene	9.20	77	97914	47.633	ng	# 96
25) Isophorone	9.72	82	181410	45.983	ng	99
26) 2-Nitrophenol	9.91	139	49562	49.941	ng	93
27) 2,4-Dimethylphenol	9.99	122	80295	56.451	ng	96
28) bis(2-Chloroethoxy)methane	10.20	93	98519	45.246	ng	96
29) 2,4-Dichlorophenol	10.47	162	91953	50.455	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	105045	45.732	ng	97
31) Naphthalene	10.85	128	270245	47.858	ng	99
32) Benzoic acid	10.18	122	41568	40.107	ng	99
33) 4-Chloroaniline	10.97	127	38684	16.712	ng	95
34) Hexachlorobutadiene	11.14	225	73691	43.399	ng	98
35) Caprolactam	11.74	113	30373m	48.390	ng	
36) 4-Chloro-3-methylphenol	12.12	107	100163	50.386	ng	94
37) 2-Methylnaphthalene	12.46	142	207594	47.913	ng	96
38) 1-Methylnaphthalene	12.68	142	195225	47.356	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	137482	46.288	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124981	80.105	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	84428	48.269	nq	96
44) 2,4,5-Trichlorophenol	13.16	196	87094	49.252	nq	95
46) 1,1'-Biphenyl	13.46	154	276981	45.367	nq	97
47) 2-Chloronaphthalene	13.50	162	214073	46.083	nq	96
48) 2-Nitroaniline	13.72	65	66125	47.626	nq	95
49) Acenaphthylene	14.35	152	353789	48.934	nq	99
50) Dimethylphthalate	14.09	163	367851	59.175	nq	99
51) 2,6-Dinitrotoluene	14.20	165	65101	48.206	nq	96
52) Acenaphthene	14.69	154	208409	47.269	nq	97
53) 3-Nitroaniline	14.54	138	34837	26.718	nq	99
54) 2,4-Dinitrophenol	14.76	184	61064	73.101	nq	97
55) Dibenzofuran	15.03	168	343524	48.046	nq	98
56) 4-Nitrophenol	14.89	139	85787	98.182	nq	93
57) 2,4-Dinitrotoluene	15.00	165	90238	46.756	nq	96
58) Fluorene	15.68	166	289104	48.210	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	85647	45.587	nq	95
60) Diethylphthalate	15.44	149	285502	45.709	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	163688	46.790	nq	96
62) 4-Nitroaniline	15.71	138	60320	44.796	nq	93
63) Azobenzene	15.96	77	241631	47.800	nq	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	53363	47.656	nq	94
66) n-Nitrosodiphenylamine	15.88	169	255085	47.486	nq	97
67) 4-Bromophenyl-phenylether	16.56	248	116871	45.642	nq	99
68) Hexachlorobenzene	16.68	284	129421	44.032	nq	96
69) Atrazine	16.83	200	109597	58.715	nq	99
70) Pentachlorophenol	17.04	266	105946	79.105	nq	98
71) Phenanthrene	17.42	178	456850	46.889	nq	99
72) Anthracene	17.51	178	474667	48.692	nq	98
73) Carbazole	17.78	167	424016	48.032	nq	98
74) Di-n-butylphthalate	18.33	149	496091	46.315	nq	98
75) Fluoranthene	19.43	202	603812	47.536	nq	99
77) Benzidine	19.61	184	328858	79.446	nq	99
78) Pyrene	19.79	202	604423	47.475	nq	100
80) Butylbenzylphthalate	20.67	149	229048	47.486	nq	99
81) Benzo(a)anthracene	21.62	228	630969	48.974	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	137308	27.554	nq	99
83) Chrysene	21.68	228	608285	47.519	nq	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	339284	49.518	nq	99
85) Di-n-octyl phthalate	22.71	149	586899	50.488	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	808777	50.333	nq	100
88) Benzo(b)fluoranthene	23.81	252	673510	47.893	nq	99
89) Benzo(k)fluoranthene	23.88	252	682467	48.207	nq	99
90) Benzo(a)pyrene	24.67	252	624863	46.531	nq	99
91) Dibenzo(a,h)anthracene	28.51	278	686147	49.953	nq	97
92) Benzo(g,h,i)perylene	29.59	276	683685	50.460	nq	97

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



#1

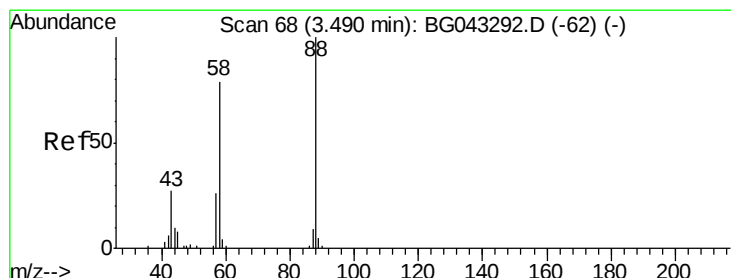
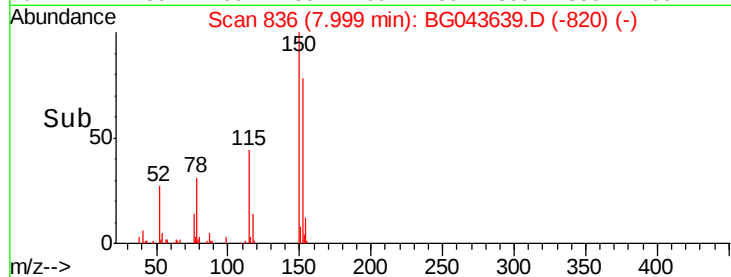
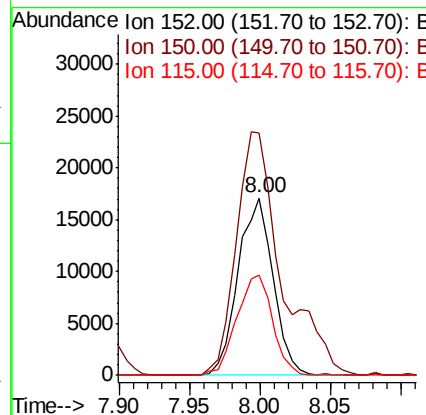
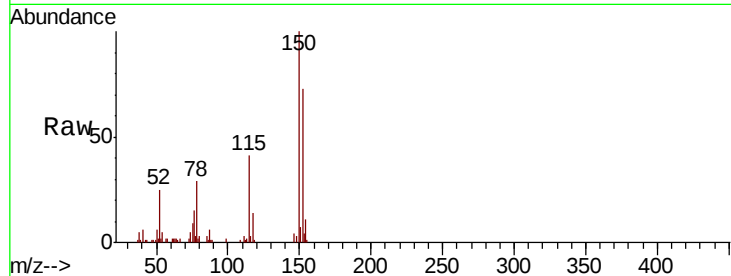
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.9	129.4	194.0
115	56.6	48.8	73.2

Manual Integrations
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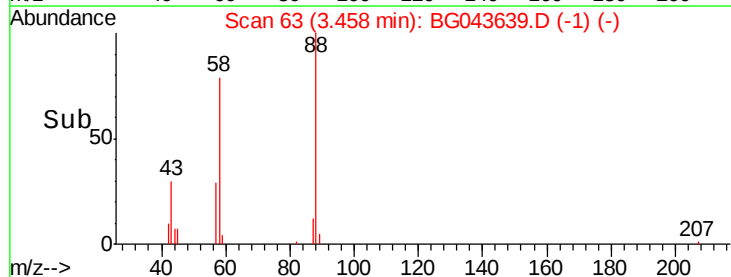
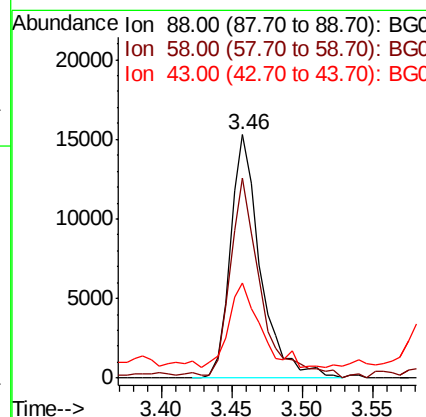
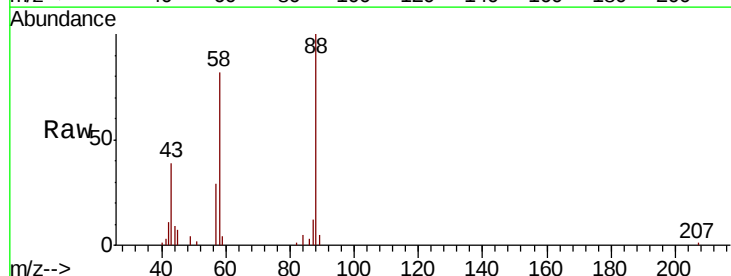
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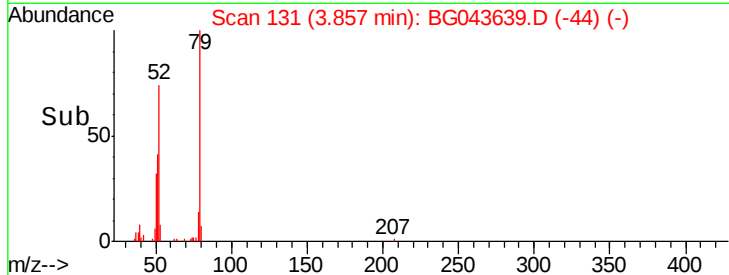
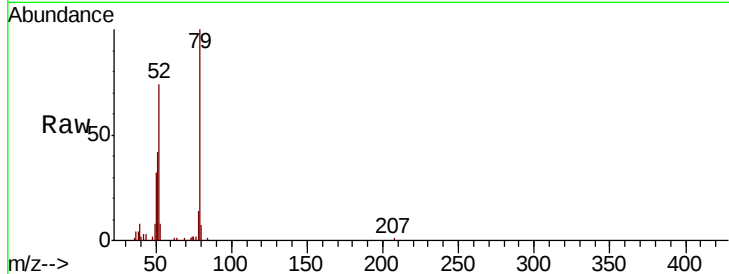
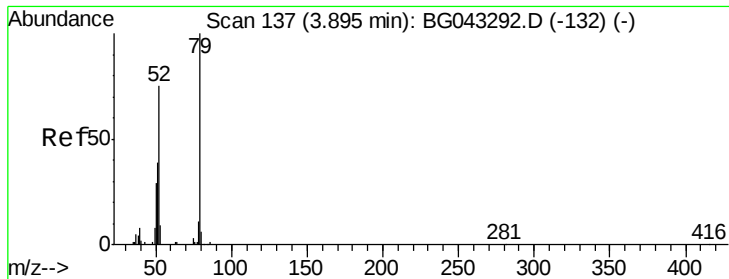


#2

1,4-Dioxane
Concen: 35.660 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	62.7	94.1
43	36.6	23.7	35.5





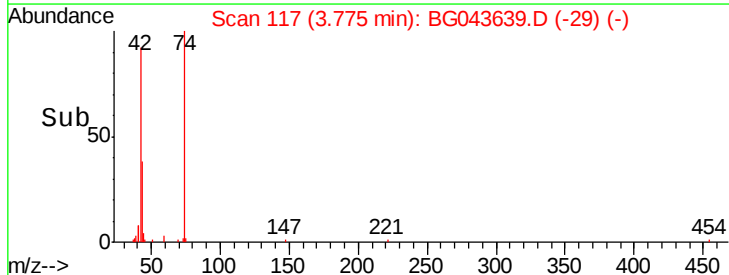
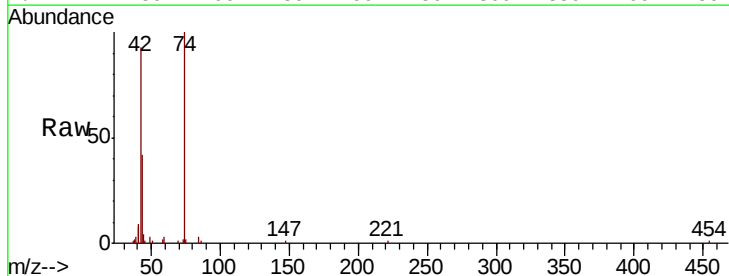
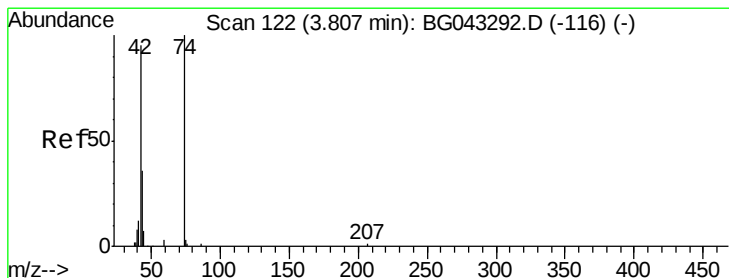
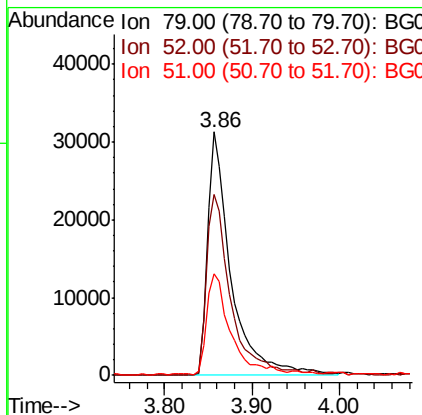
#3
 Pvridine
 Concen: 36.497 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.02 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tot Ion:	79	Resp:	58071
Ion Ratio	Lower	Upper	
79	100		
52	74.0	56.5	84.7
51	41.7	33.2	49.8

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

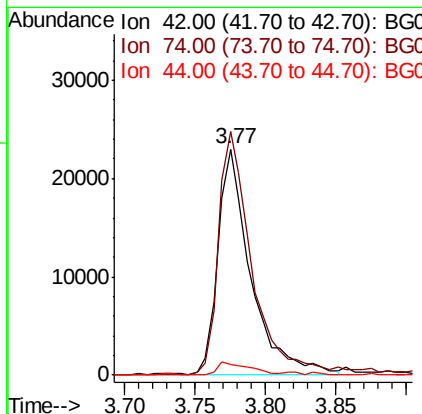
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#4
 n-Nitrosodimethylamine
 Concen: 46.598 ng
 RT: 3.77 min Scan# 117
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion:	42	Resp:	37413
Ion Ratio	Lower	Upper	
42	100		
74	107.6	97.3	145.9
44	4.8	4.4	6.6





#5

2-Fluorophenol

Concen: 163.416 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

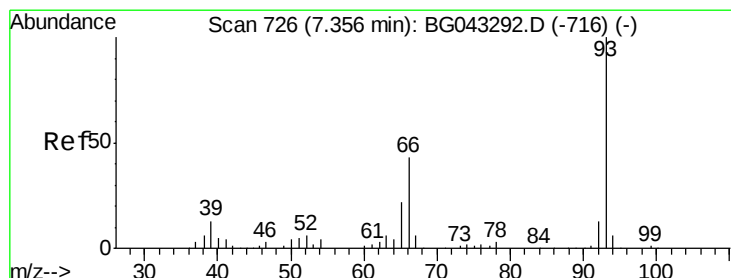
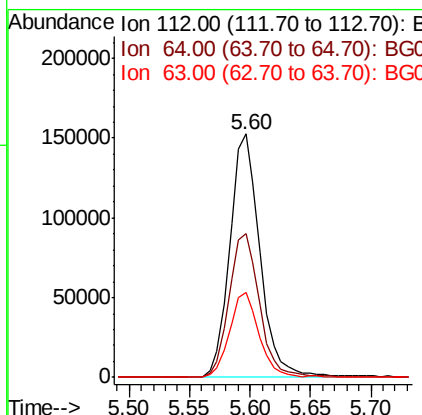
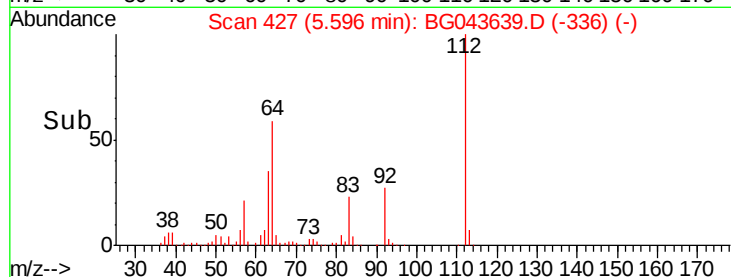
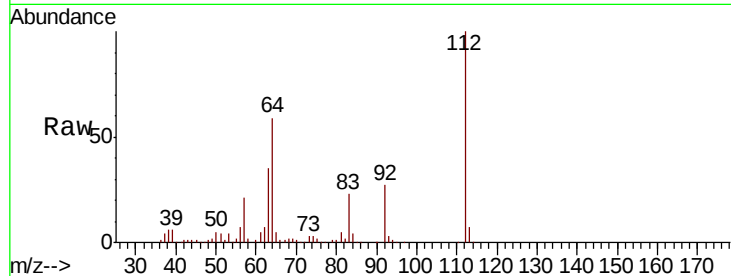
ClientSampleId :

8-(8-10)MS

Tot Ion:	112	Resp:	264506
Ion Ratio	Lower	Upper	
112	100		
64	59.0	50.0	75.0
63	35.1	26.6	40.0

Manual Integrations
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#6

Aniline

Concen: 29.483 ng

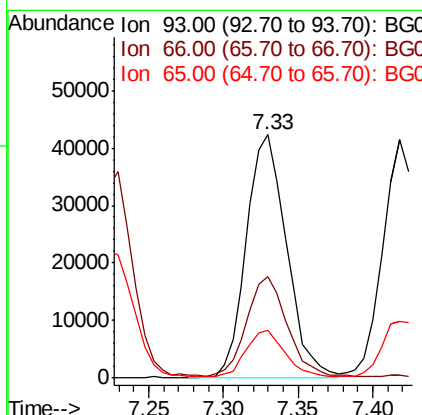
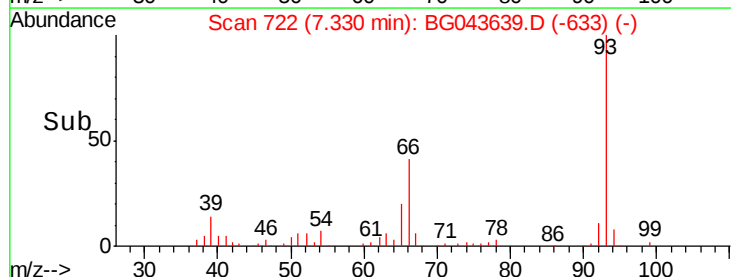
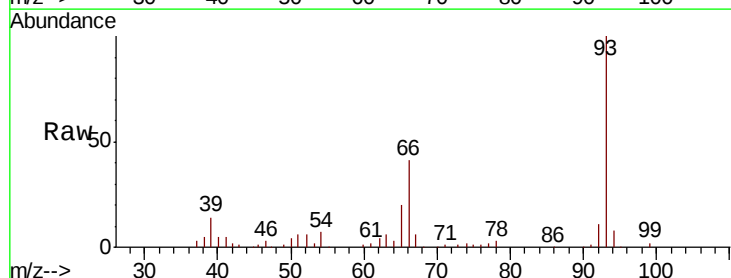
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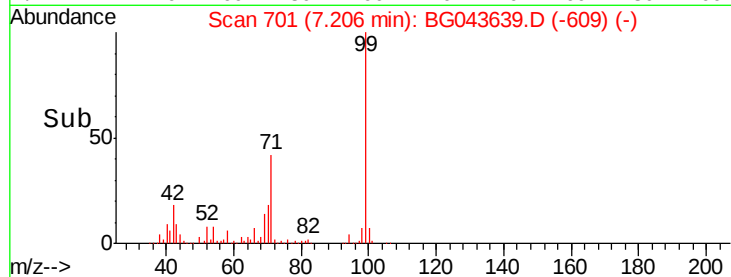
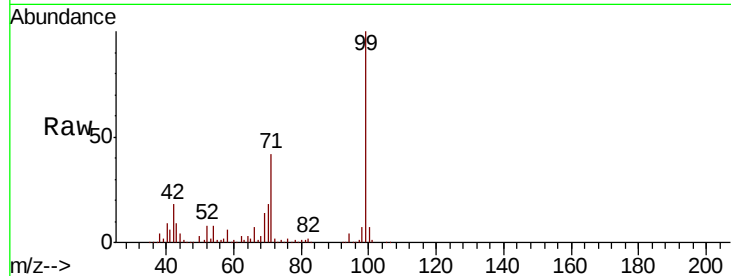
Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	93	Resp:	79094
Ion Ratio	Lower	Upper	
93	100		
66	41.4	32.3	48.5
65	19.8	16.1	24.1





#7

Phenol-d6

Concen: 163.961 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		381831		
42	18.1	14.6	21.8		
71	42.0	32.5	48.7		

Instrument :

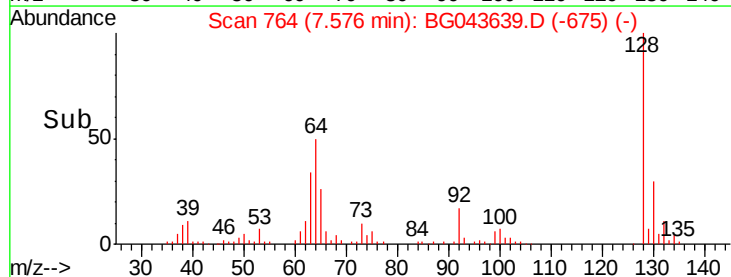
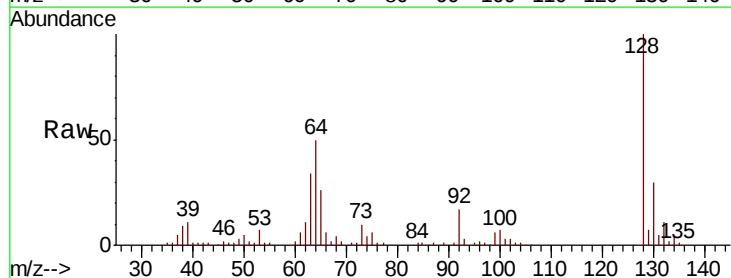
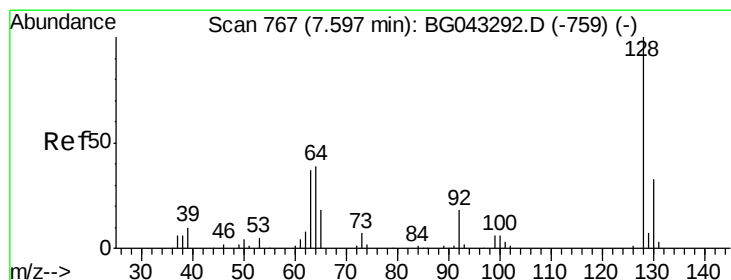
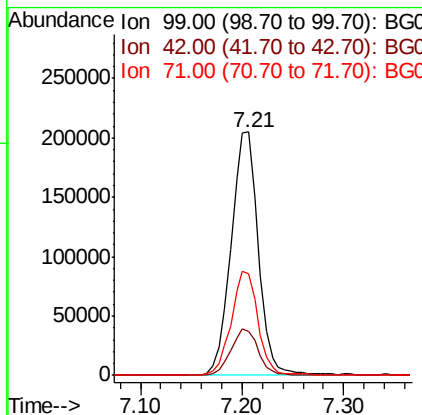
BNA_G

ClientSampleId :

8-(8-10)MS

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#8

2-Chlorophenol

Concen: 48.612 ng

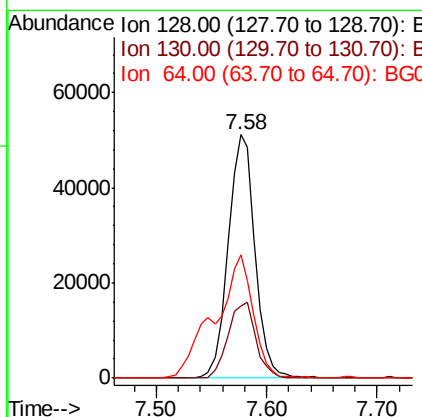
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		86857		
130	29.9	12.5	52.5		
64	50.5	25.3	65.3		





#9

Benzaldehyde

Concen: 35.855 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

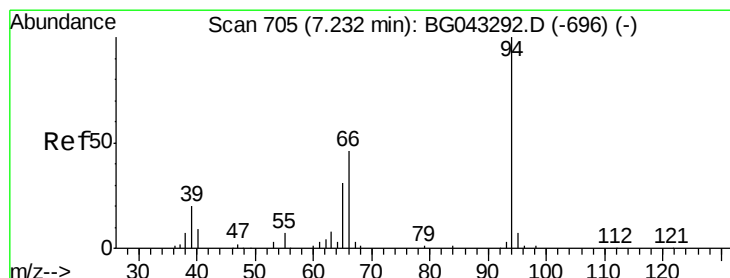
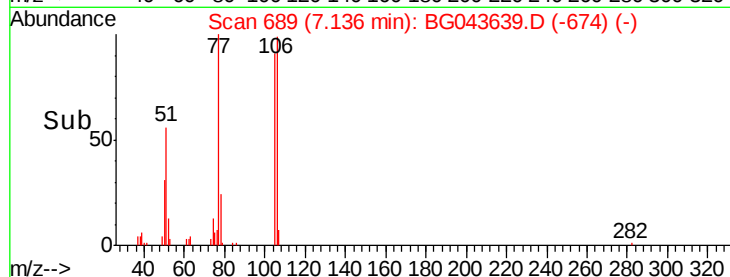
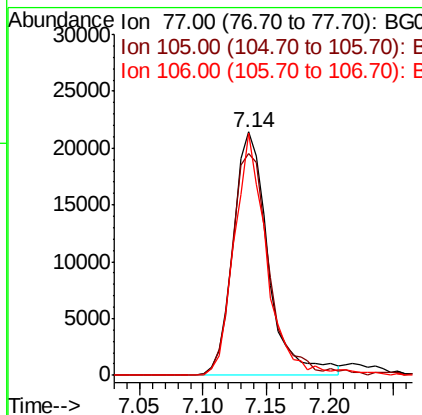
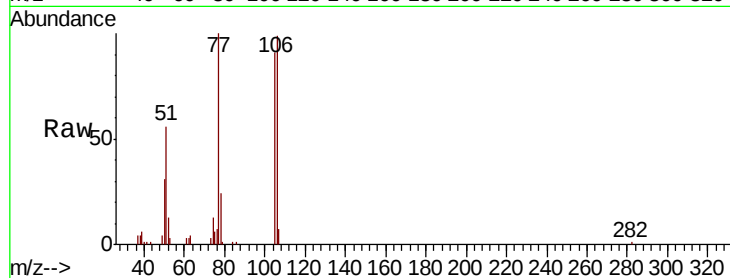
ClientSampled :

8-(8-10)MS

Tot Ion:	77	Resp:	41035
Ion	Ratio	Lower	Upper
77	100		
105	91.4	68.6	108.6
106	99.3	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 54.256 ng

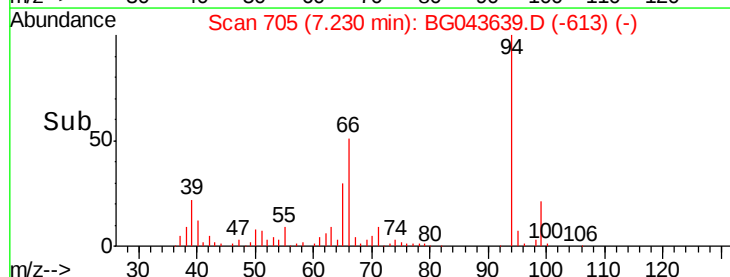
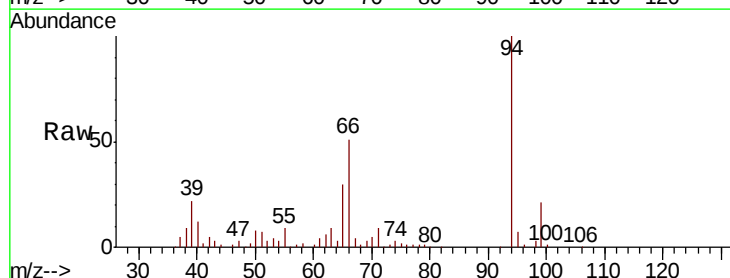
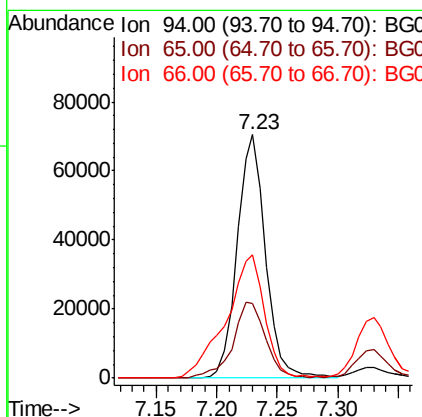
RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	94	Resp:	115458
Ion	Ratio	Lower	Upper
94	100		
65	30.5	12.6	52.6
66	50.9	30.7	70.7





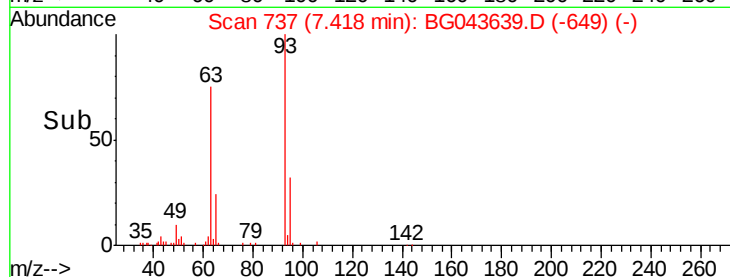
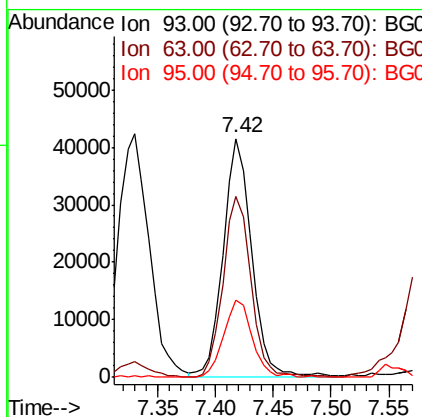
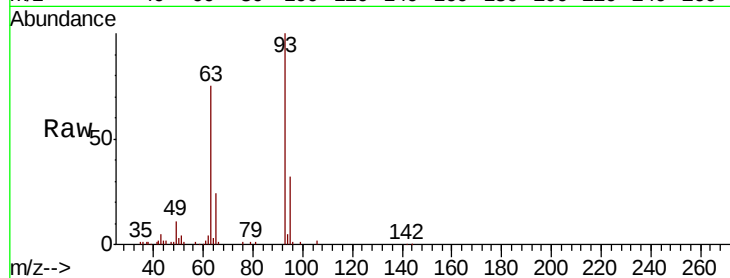
#11
 bis(2-Chloroethyl)ether
 Concen: 43.530 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	56.3	96.3
95	32.2	12.2	52.2

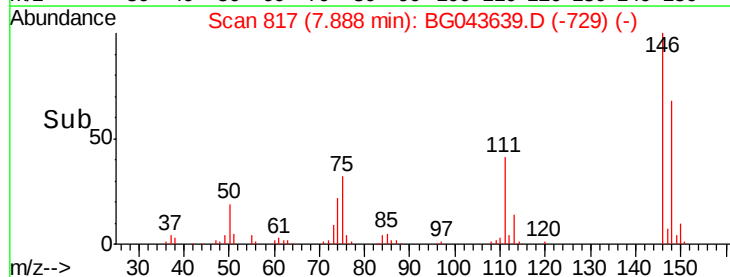
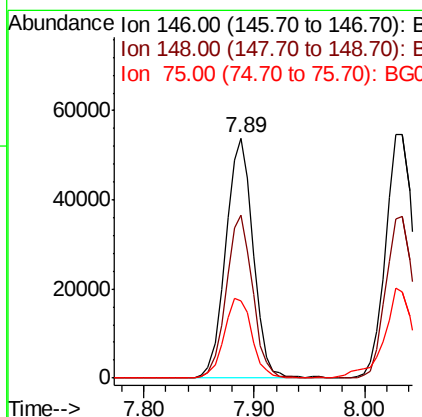
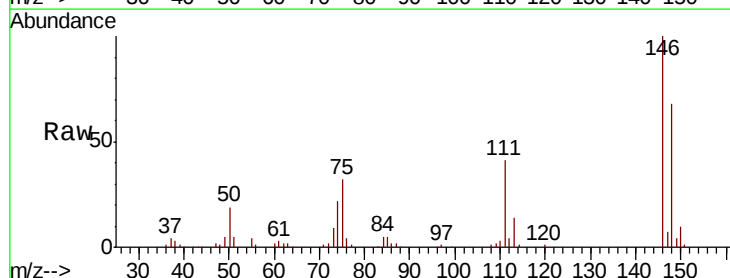
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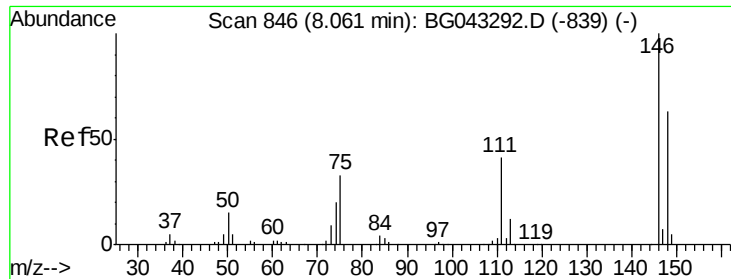
mohammad
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#12
 1,3-Dichlorobenzene
 Concen: 41.774 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	50.3	75.5
75	32.0	24.6	37.0





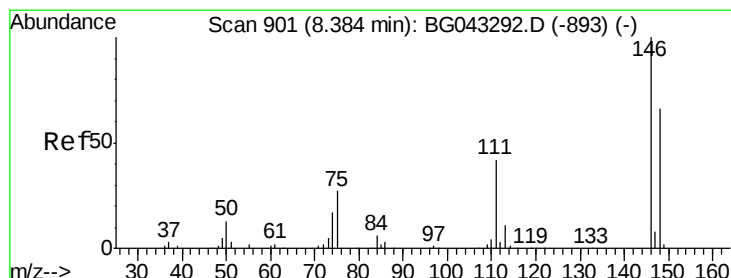
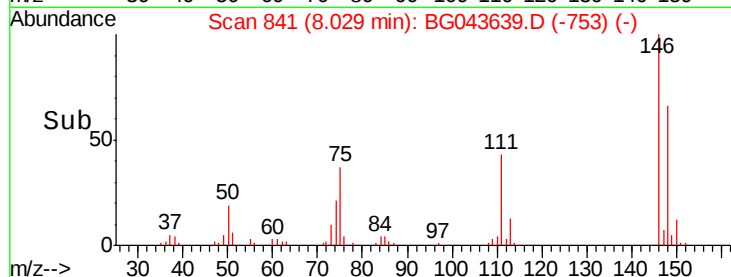
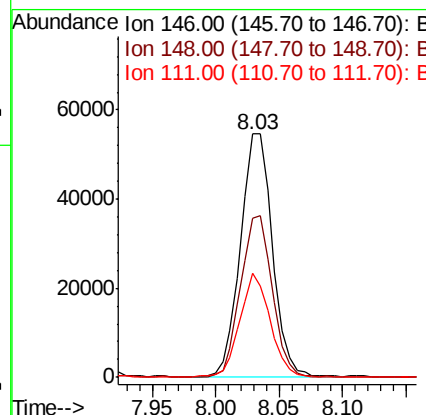
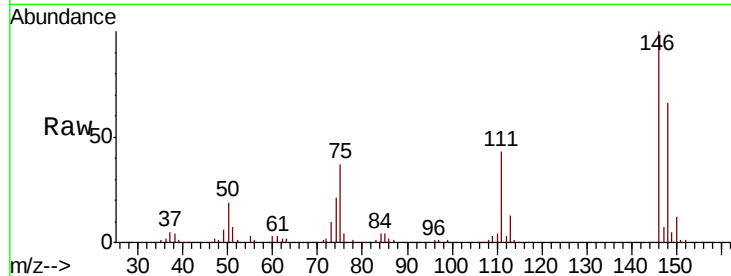
#13
 1,4-Dichlorobenzene
 Concen: 42.458 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.7	76.1
111	42.8	33.4	50.2

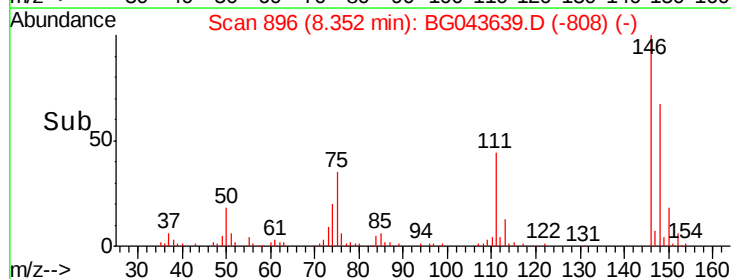
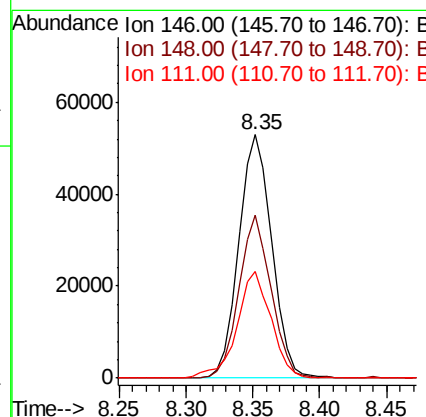
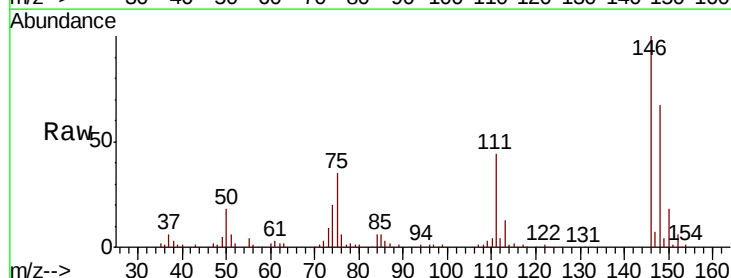
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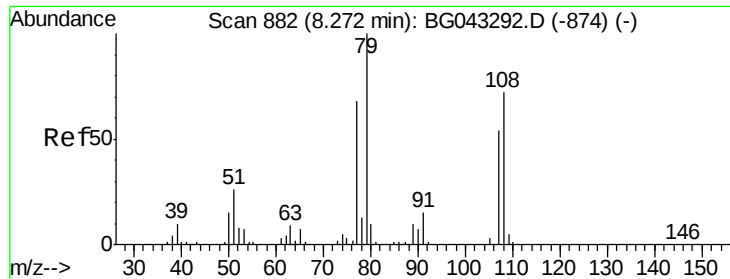
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#14
 1,2-Dichlorobenzene
 Concen: 40.951 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.2	79.8
111	44.0	35.8	53.6





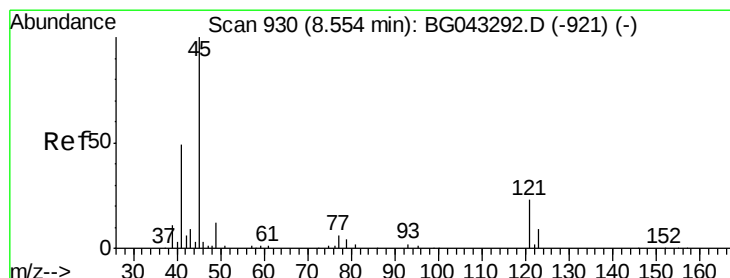
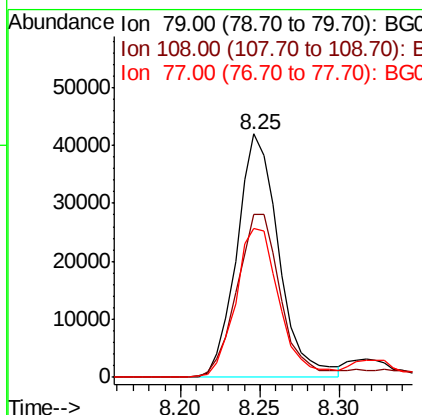
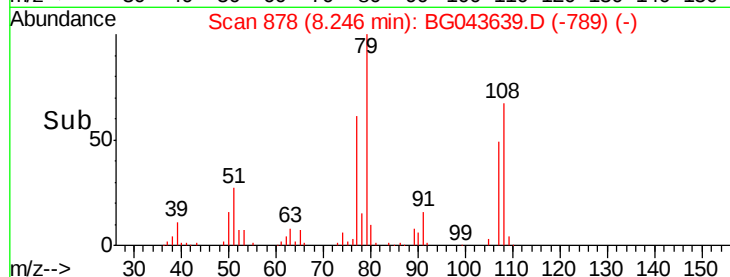
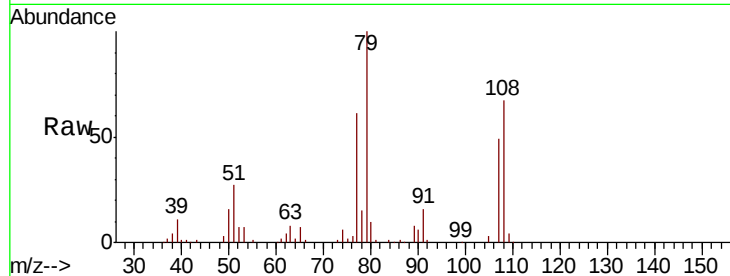
#15
Benzyl Alcohol
Concen: 47.089 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.7	53.6	80.4
77	61.4	49.6	74.4

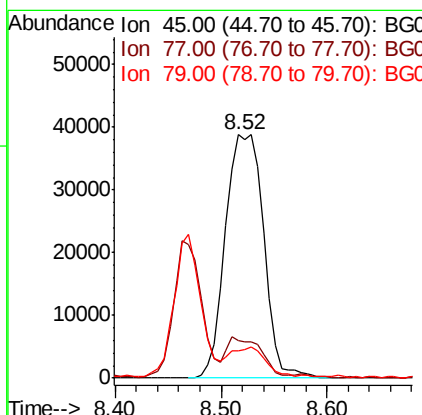
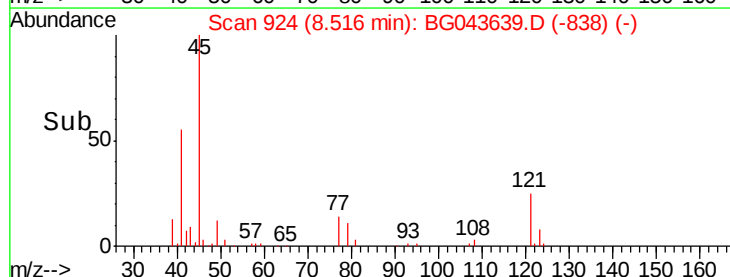
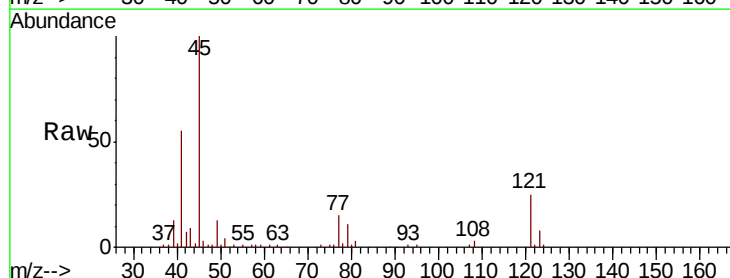
Manual Integrations
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.788 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.9
79	11.4	0.0	33.0





#17

2-Methylphenol

Concen: 47.887 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

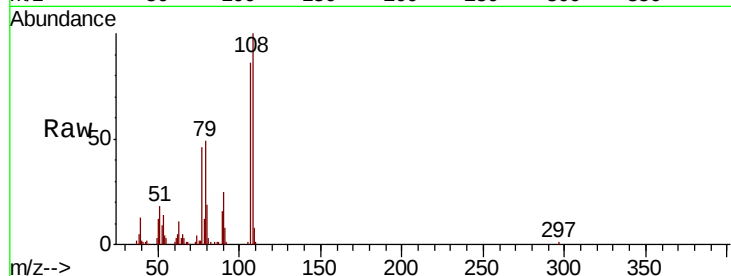
ClientSampleId :

8-(8-10)MS

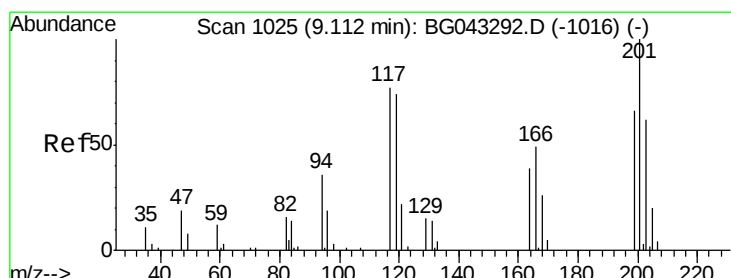
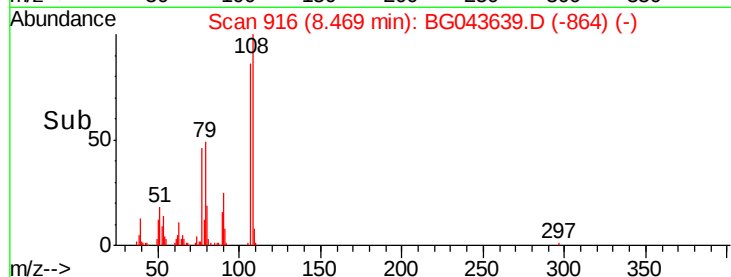
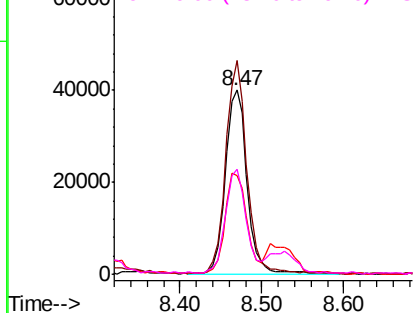
Tot Ion:	107	Resp:	74289
Ion Ratio	Lower	Upper	
107	100		
108	116.0	90.2	135.4
77	53.2	40.2	60.2
79	57.1	44.0	66.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.662 ng

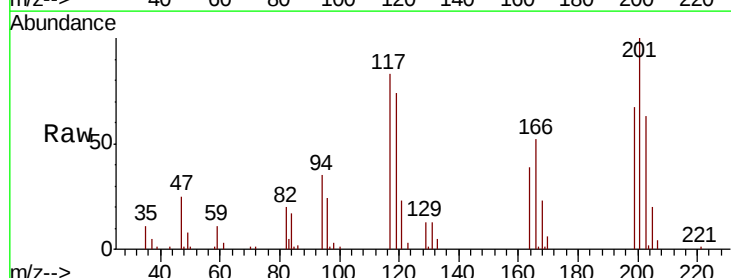
RT: 9.07 min Scan# 1019

Delta R.T. -0.02 min

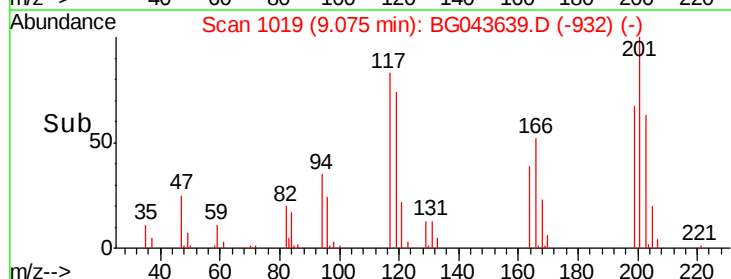
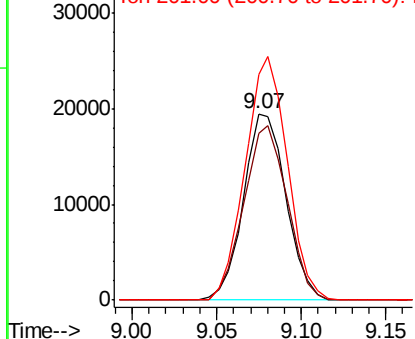
Lab File: BG043639.D

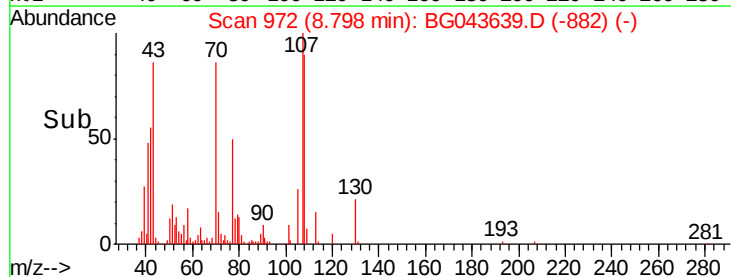
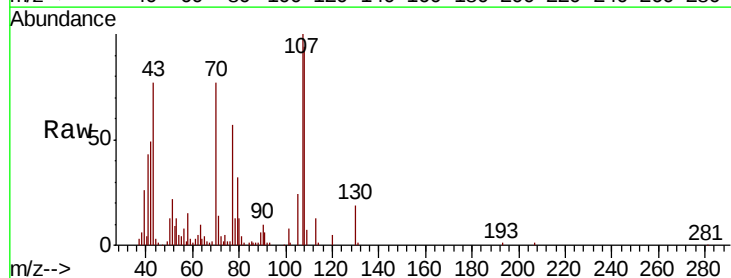
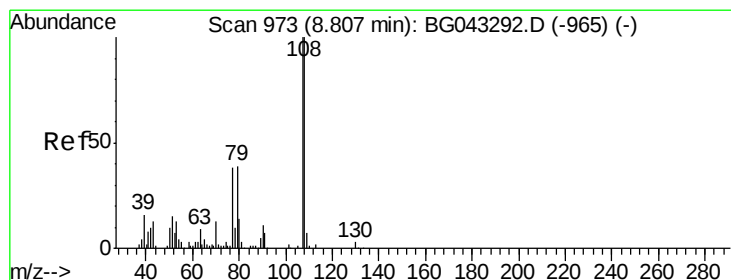
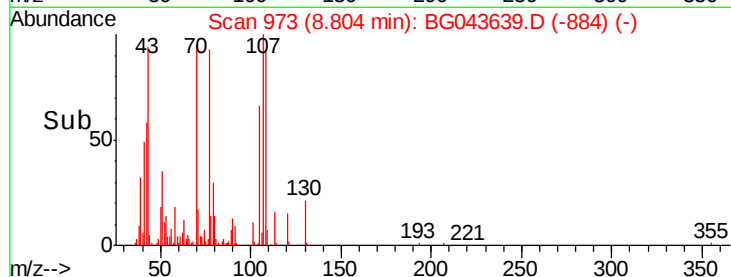
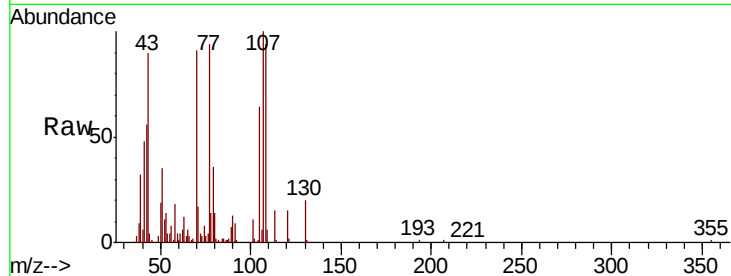
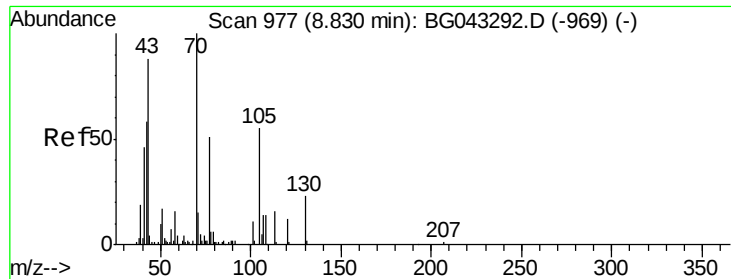
Acq: 14 Nov 2019 18:30

Tgt Ion:	117	Resp:	34045
Ion Ratio	Lower	Upper	
117	100		
119	89.8	79.0	118.4
201	121.0	105.4	158.2



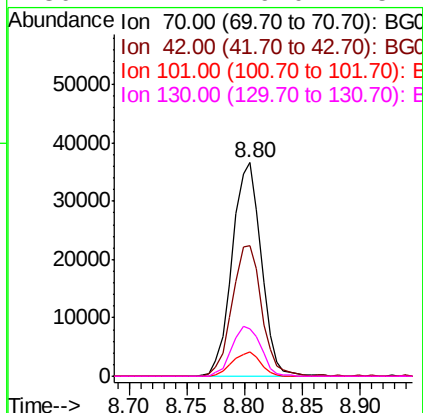
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.617 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	41.4	62.2	
101	11.7	7.9	11.9	
130	22.2	19.0	28.4	



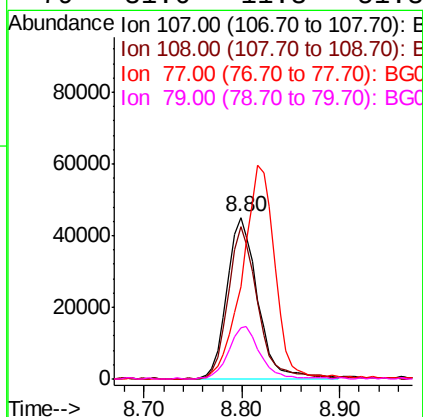
Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

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#20
3+4-Methylphenols
Concen: 46.385 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	66.6	106.6	
77	57.1	20.9	60.9	
79	31.6	11.3	51.3	





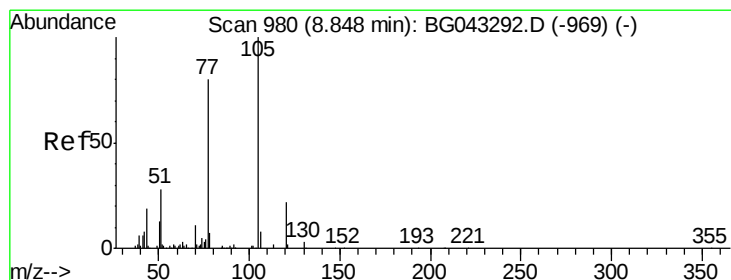
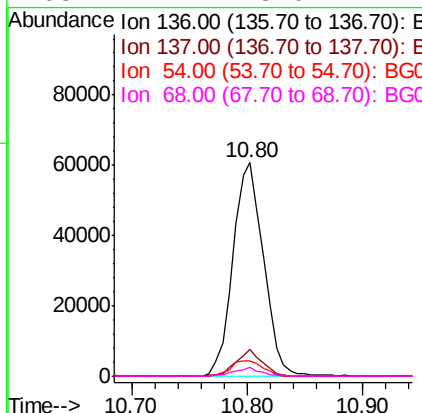
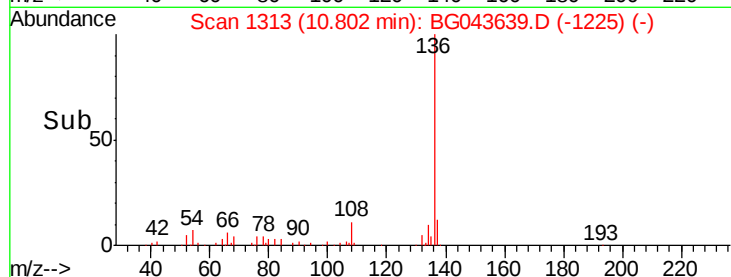
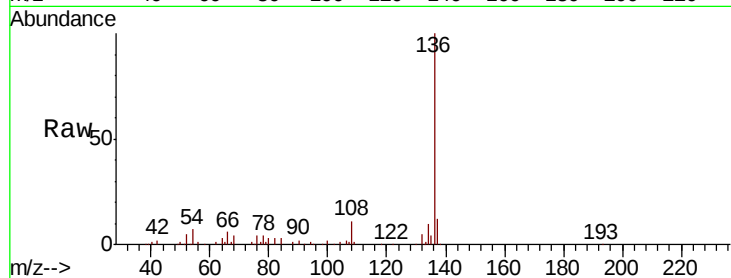
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.4	8.7	13.1		
54	7.1	5.4	8.2		
68	4.2	3.0	4.4		

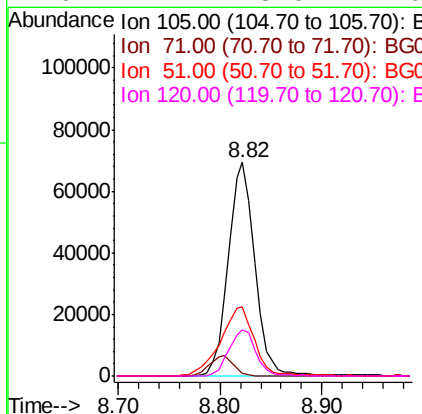
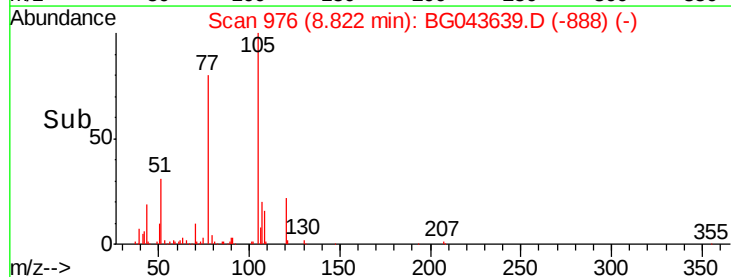
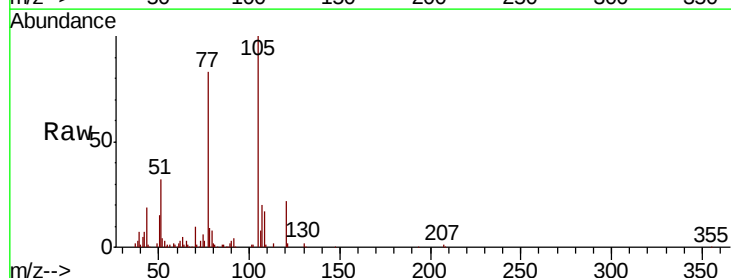
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#22
Acetophenone
Concen: 44.280 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.4	0.8	1.2#		
51	32.5	21.0	31.4#		
120	21.7	18.0	27.0		





#23

Nitrobenzene-d5

Concen: 108.716 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

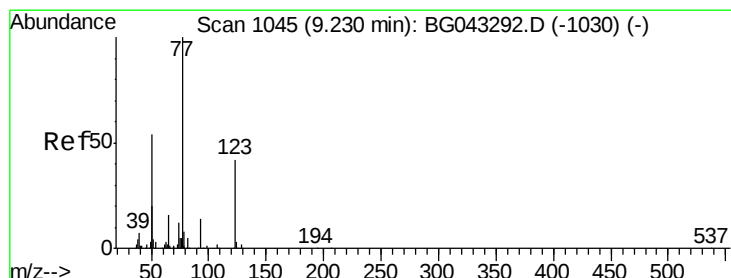
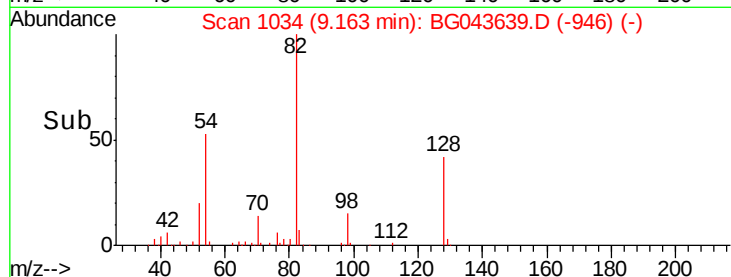
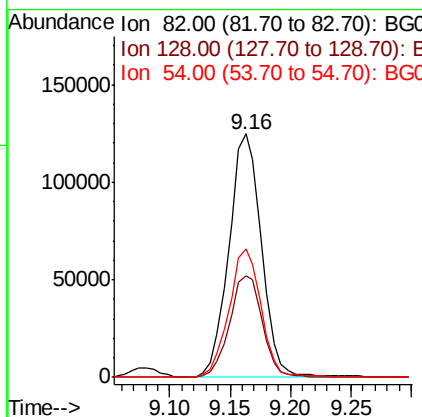
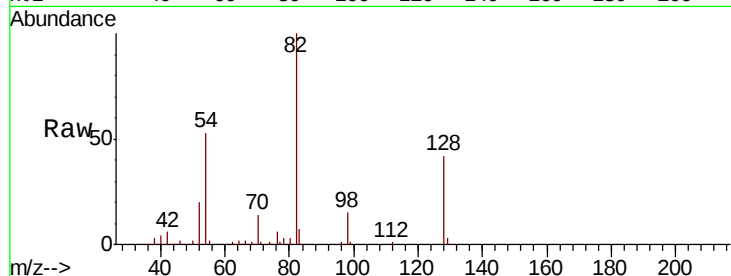
ClientSampleId :

8-(8-10)MS

Tot Ion:	82	Resp:	234594
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.0	52.6
54	52.8	40.2	60.2

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#24

Nitrobenzene

Concen: 47.633 ng

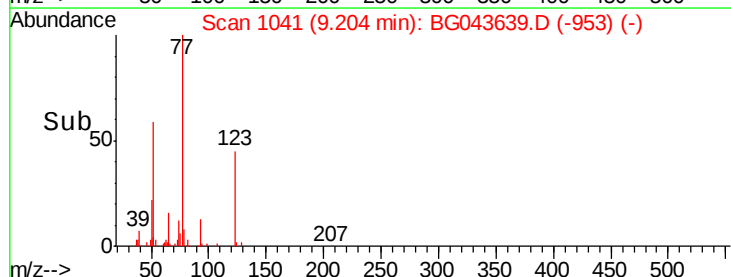
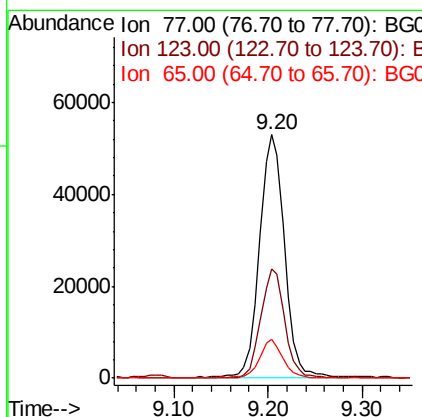
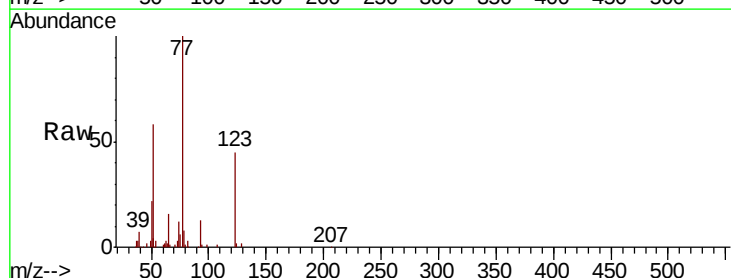
RT: 9.20 min Scan# 1041

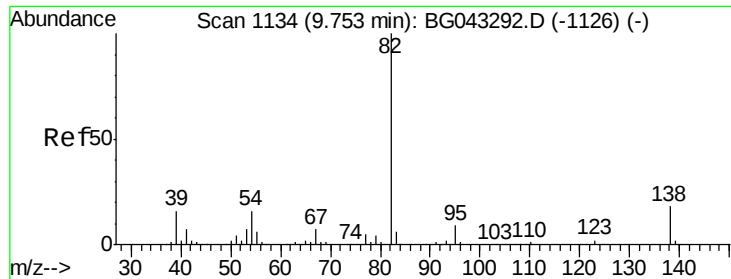
Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	77	Resp:	97914
Ion Ratio	Lower	Upper	
77	100		
123	44.9	35.0	52.6
65	16.1	9.5	14.3#





#25

Isophorone

Concen: 45.983 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

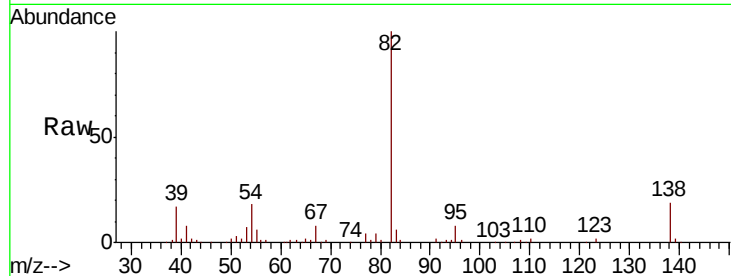
ClientSampleId :

8-(8-10)MS

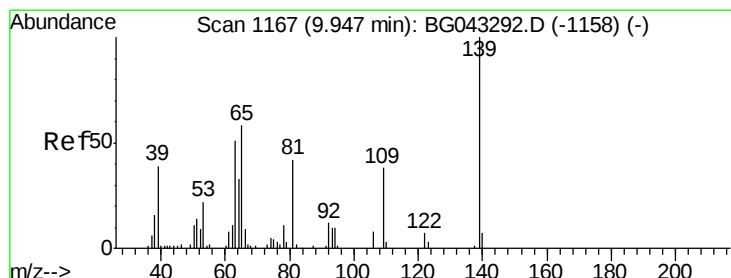
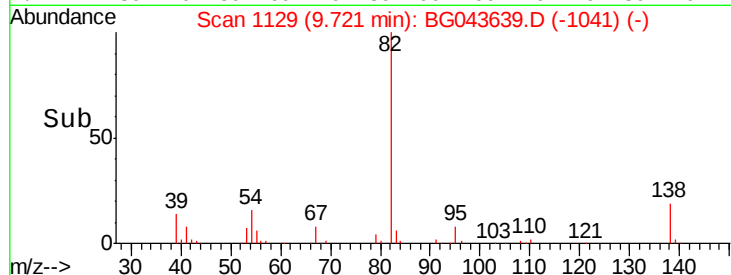
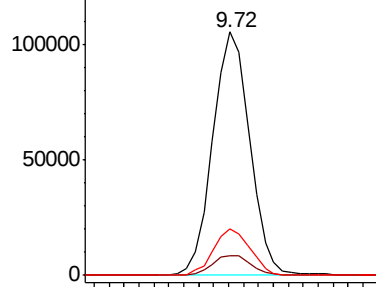
Tot Ion:	82	Resp:	181410
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	9.8
138	19.1	15.2	22.8

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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: 49.941 ng

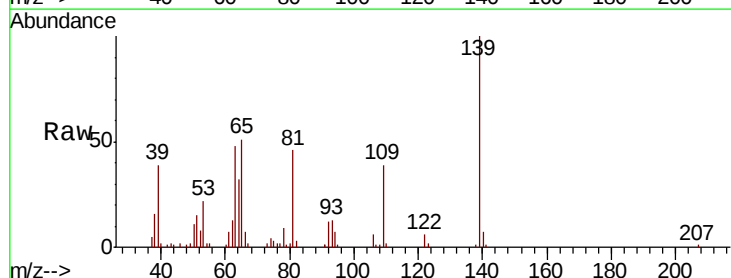
RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

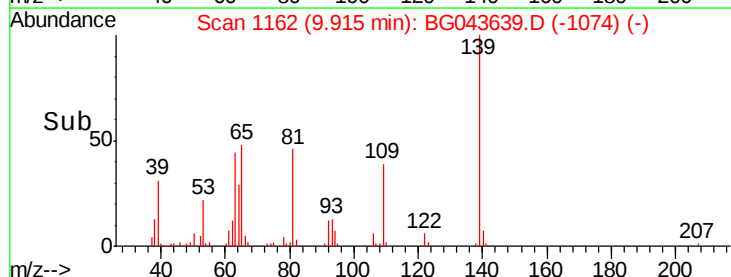
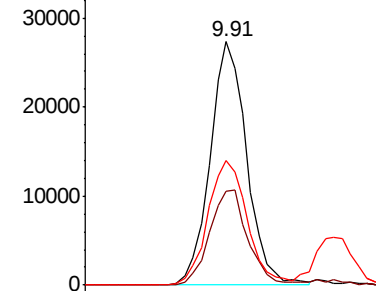
Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	139	Resp:	49562
Ion Ratio	Lower	Upper	
139	100		
109	38.7	26.5	39.7
65	51.4	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: 56.451 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampled :

8-(8-10)MS

Tot Ion:122 Resp: 80295

Ion Ratio Lower Upper

122 100

107 134.7 104.4 156.6

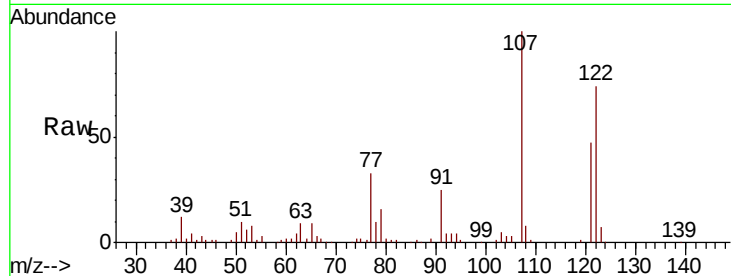
121 62.7 47.2 70.8

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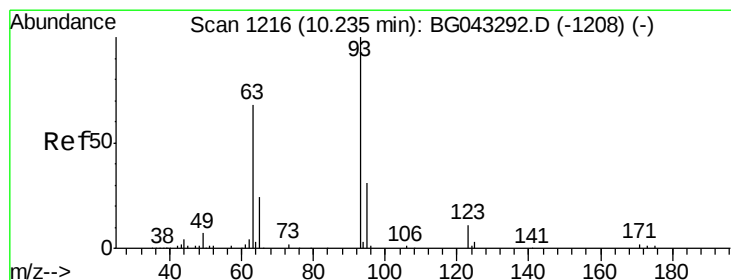
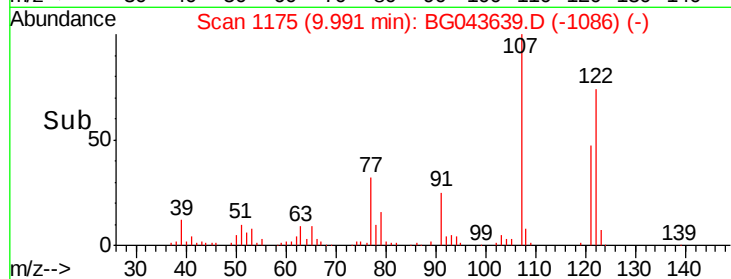
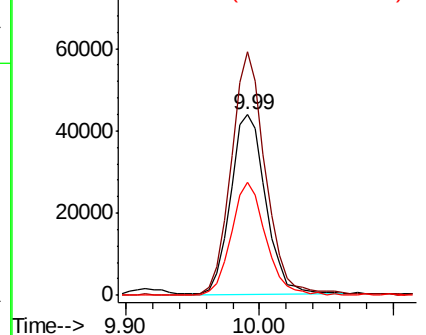
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.246 ng

RT: 10.20 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

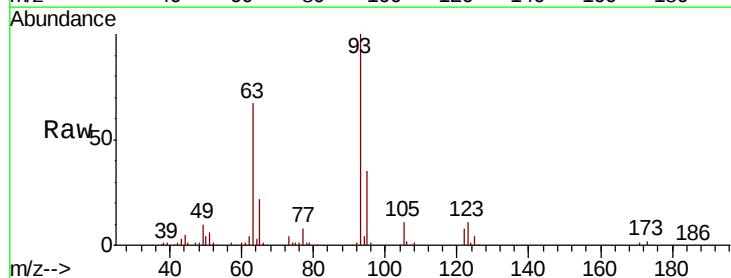
Tgt Ion: 93 Resp: 98519

Ion Ratio Lower Upper

93 100

95 34.5 26.0 39.0

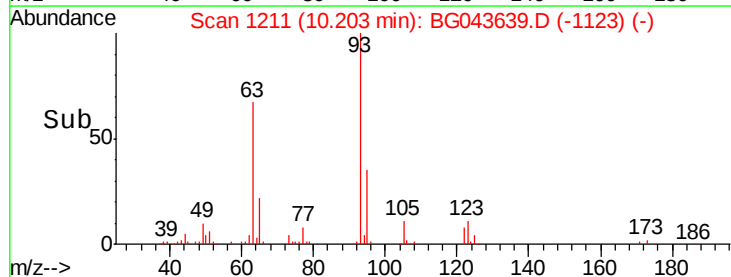
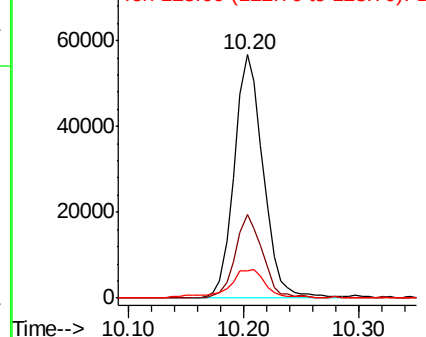
123 11.3 10.6 15.8



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





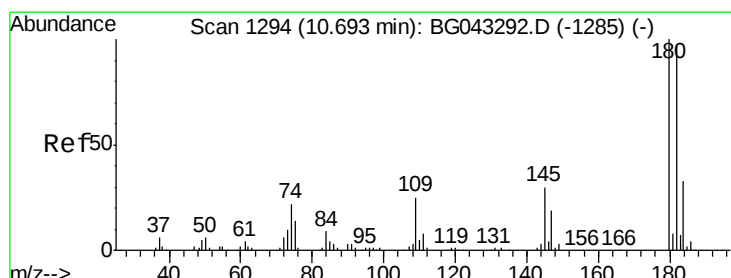
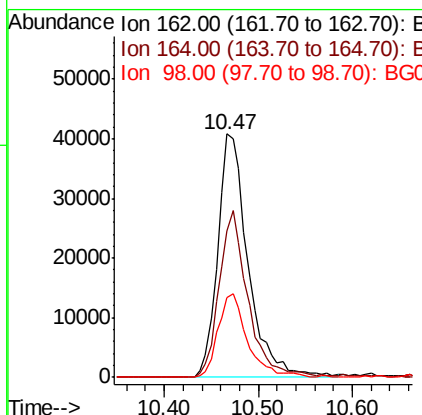
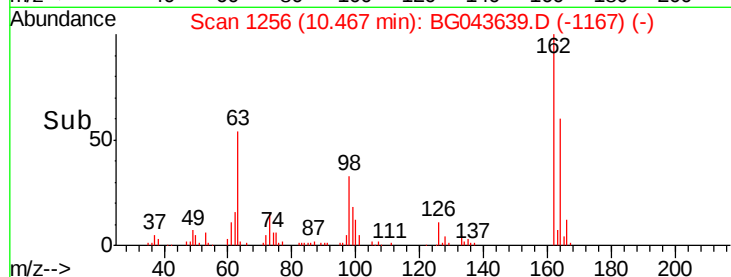
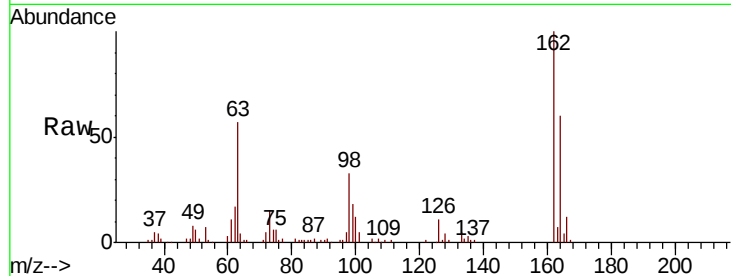
#29
2,4-Dichlorophenol
Concen: 50.455 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampled :
8-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	91953		
164	60.3	48.9	88.9	
98	32.6	15.1	55.1	

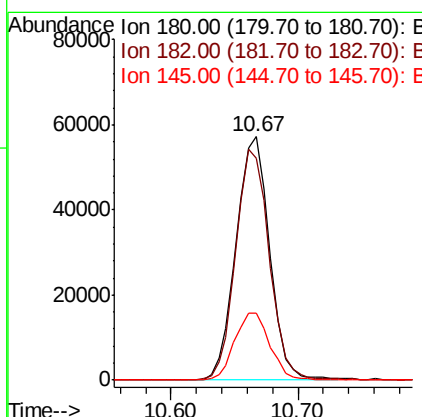
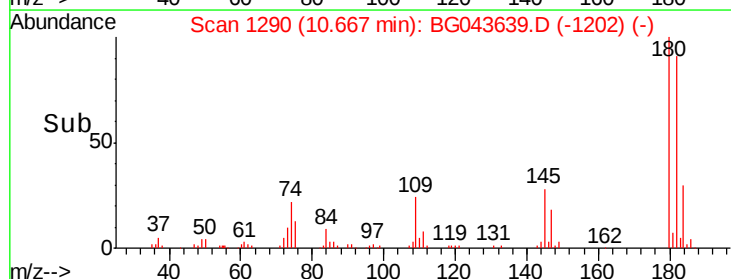
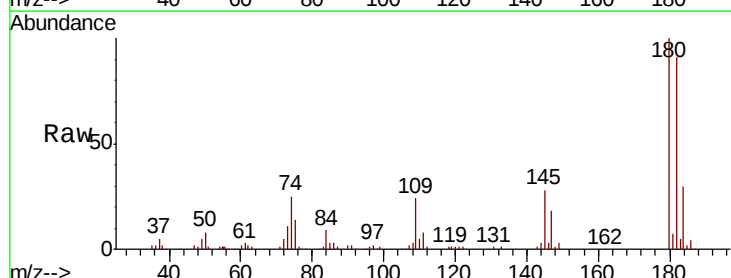
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#30
1,2,4-Trichlorobenzene
Concen: 45.732 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105045		
182	91.2	75.1	112.7	
145	27.6	23.9	35.9	





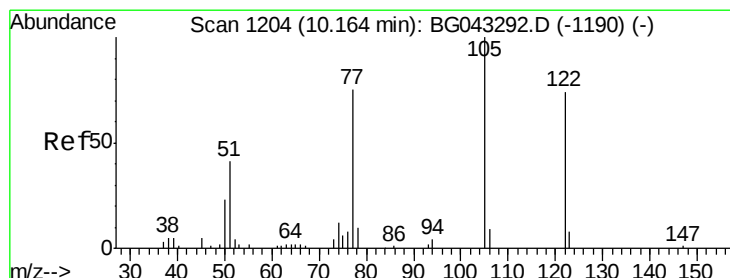
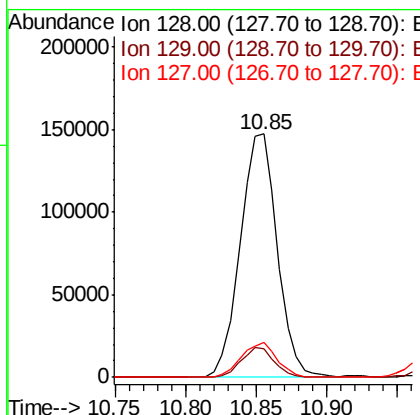
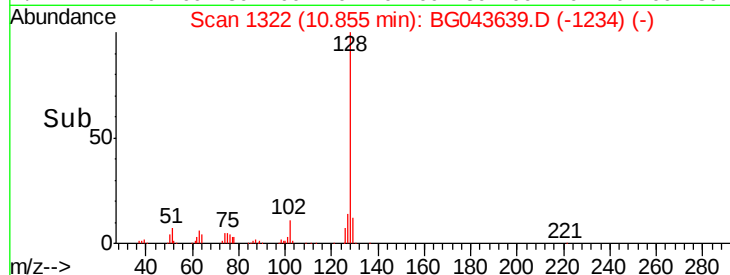
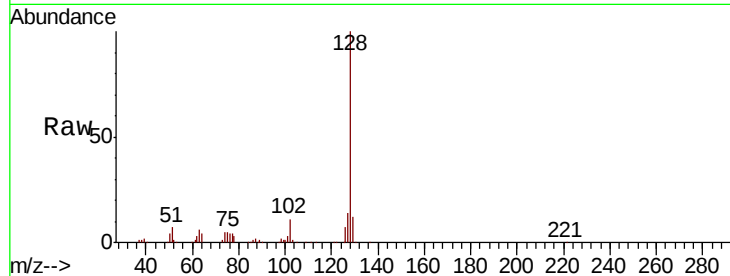
#31
Naphthalene
Concen: 47.858 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	270245		
129	11.8	9.4	14.0	
127	14.3	11.1	16.7	

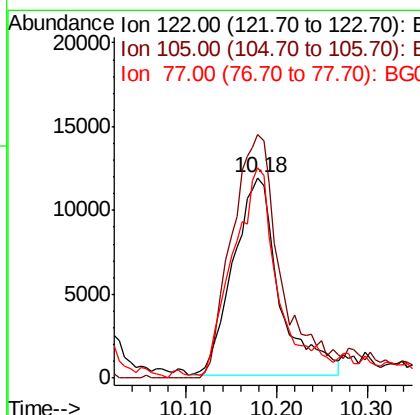
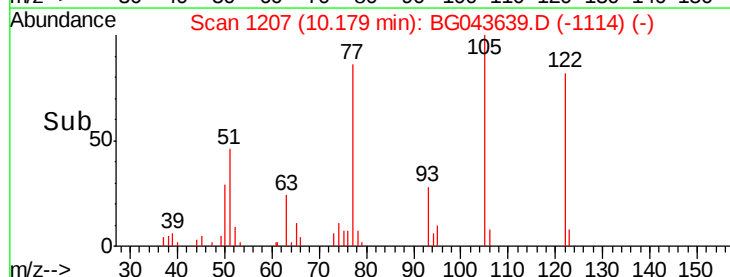
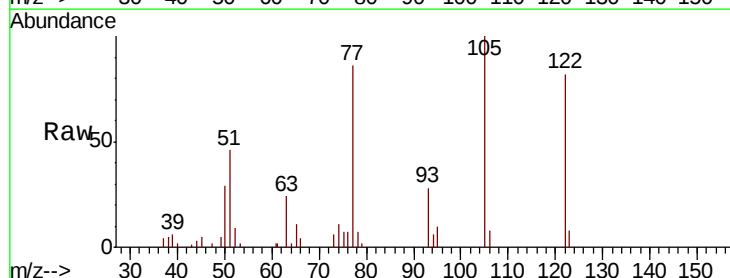
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#32
Benzoic acid
Concen: 40.107 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41568		
105	121.6	103.3	143.3	
77	104.9	84.9	124.9	





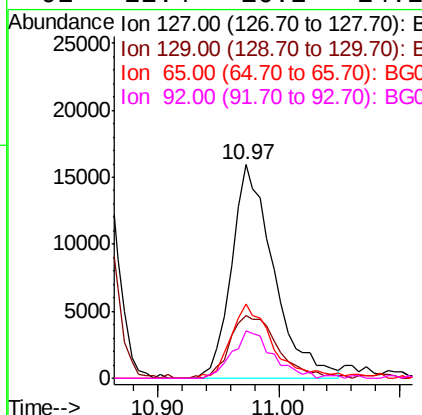
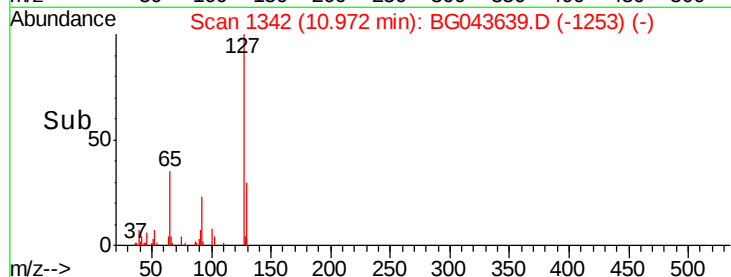
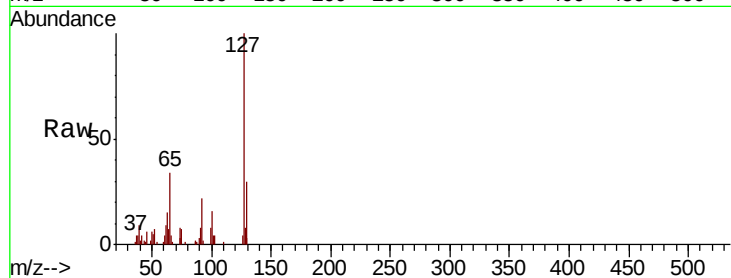
#33
4-Chloroaniline
Concen: 16.712 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampled :
8-(8-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.5	26.5	39.7		
65	34.5	26.4	39.6		
92	22.4	16.2	24.2		

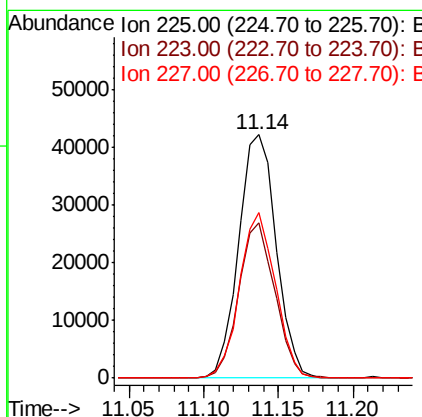
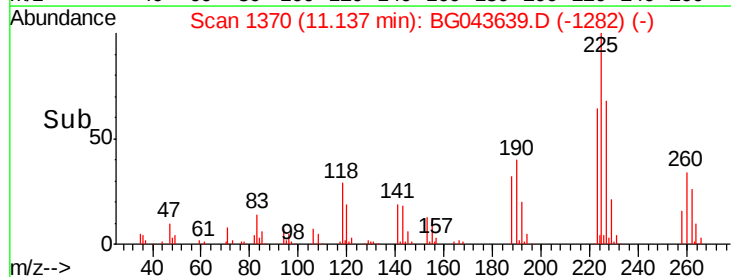
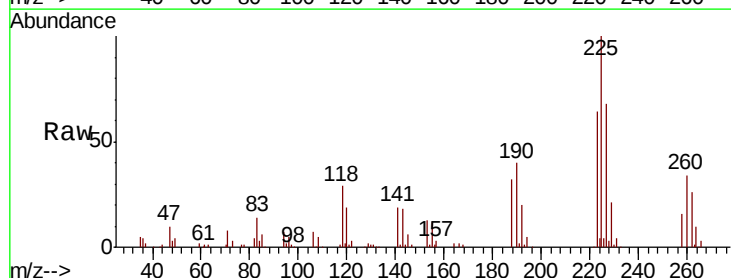
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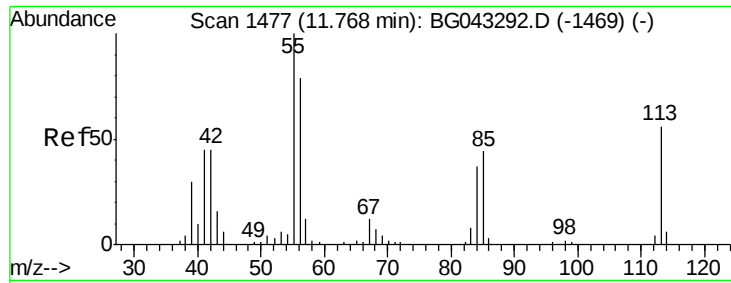
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#34
Hexachlorobutadiene
Concen: 43.399 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	52.7	79.1		
227	68.2	54.8	82.2		





#35

Caprolactam

Concen: 48.390 ng/mL

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

Tot Ion:113 Resp: 30373

Ion Ratio Lower Upper

113 100

55 156.5 134.1 174.1

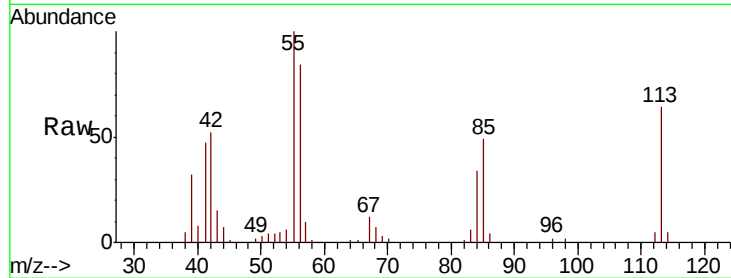
56 130.8 100.4 140.4

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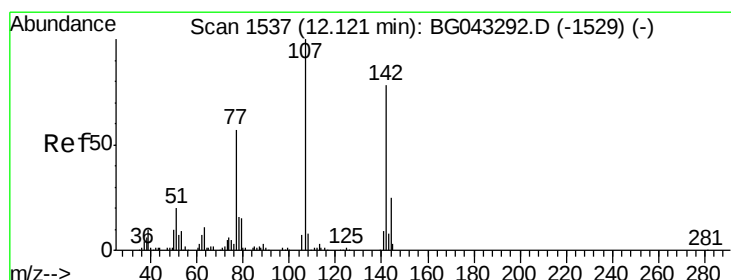
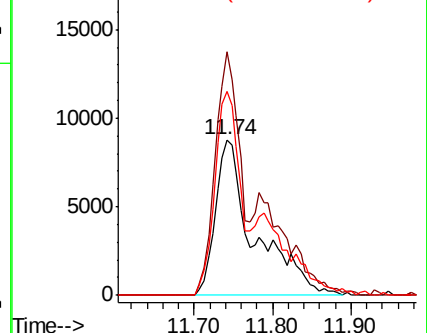
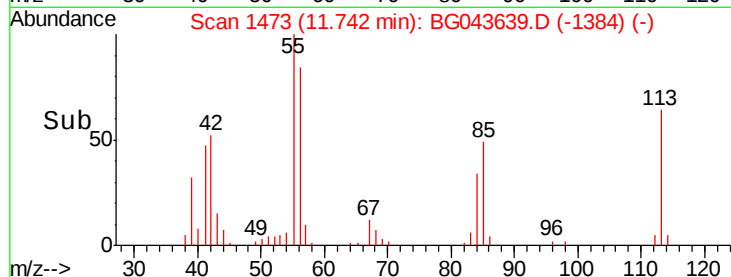
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.386 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

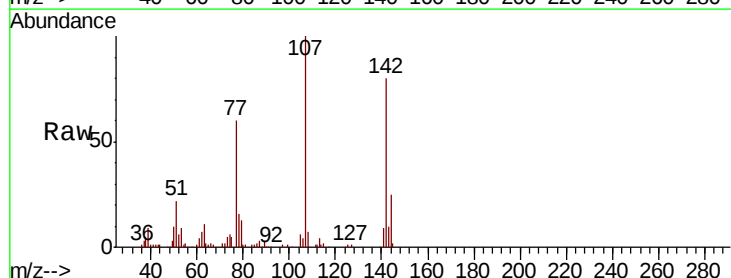
Tgt Ion:107 Resp: 100163

Ion Ratio Lower Upper

107 100

144 24.5 20.9 31.3

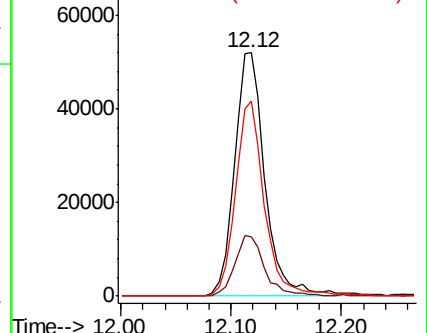
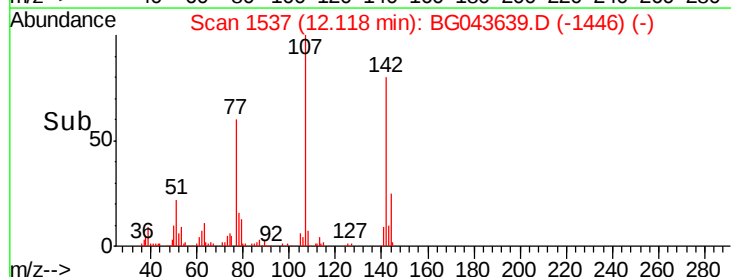
142 80.0 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.913 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

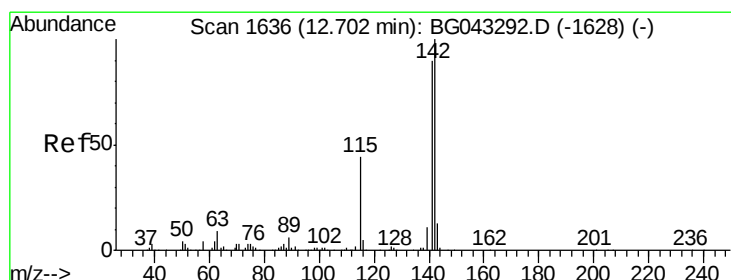
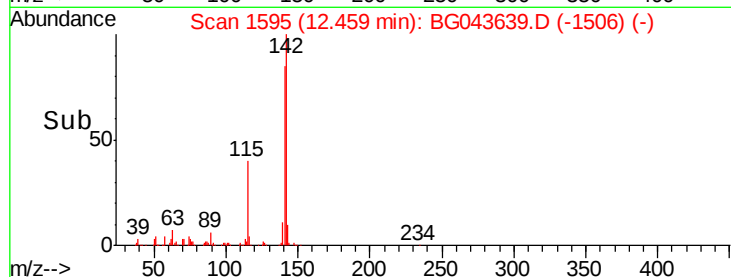
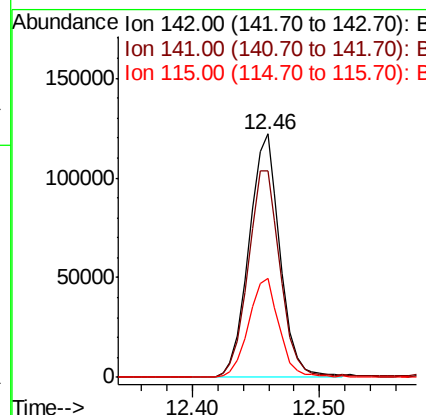
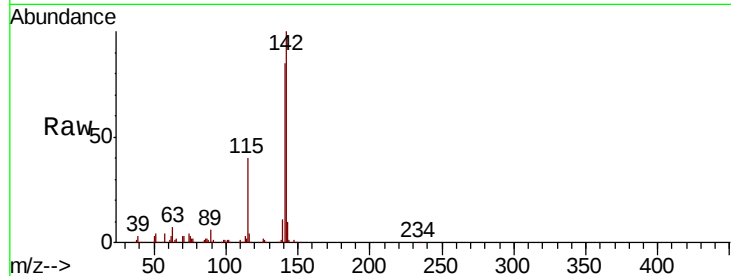
ClientSampleId :

8-(8-10)MS

Tot Ion:	142	Resp:	207594
Ion Ratio	Lower	Upper	
142	100		
141	85.1	72.2	108.2
115	40.4	33.2	49.8

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#38

1-Methylnaphthalene

Concen: 47.356 ng

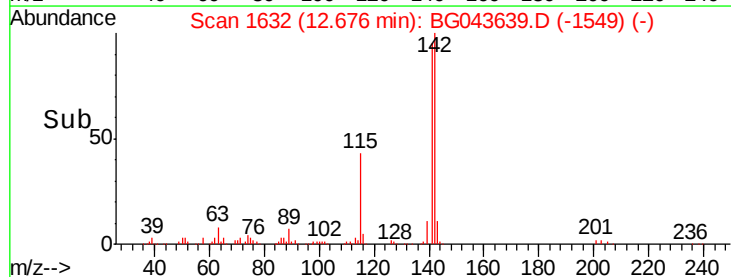
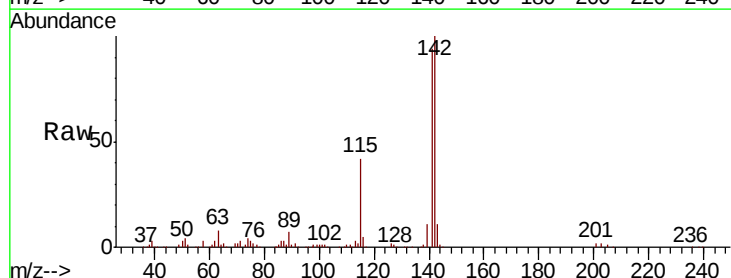
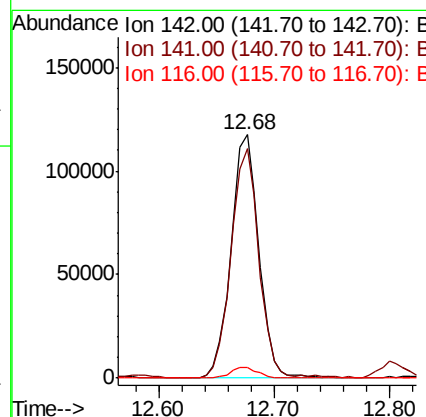
RT: 12.68 min Scan# 1632

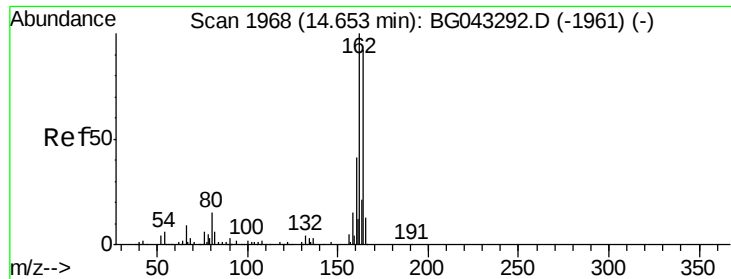
Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	142	Resp:	195225
Ion Ratio	Lower	Upper	
142	100		
141	94.3	73.2	109.8
116	4.5	3.6	5.4





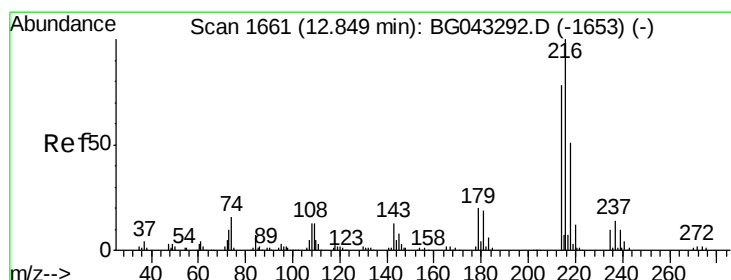
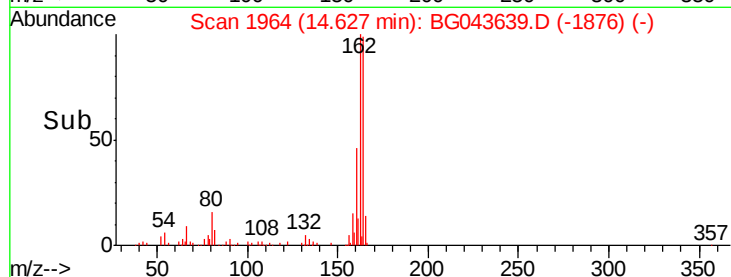
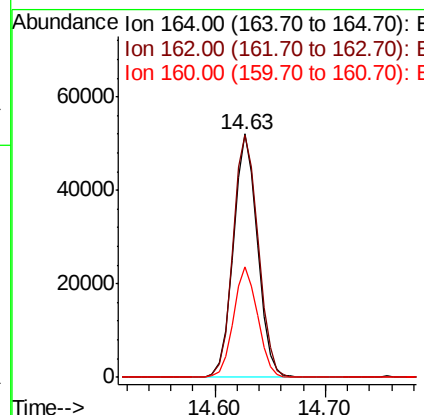
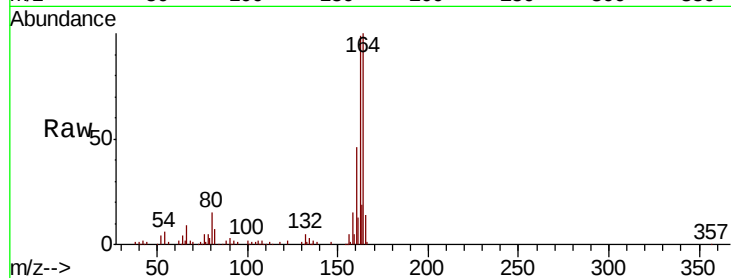
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	83.5	125.3
160	45.6	36.5	54.7

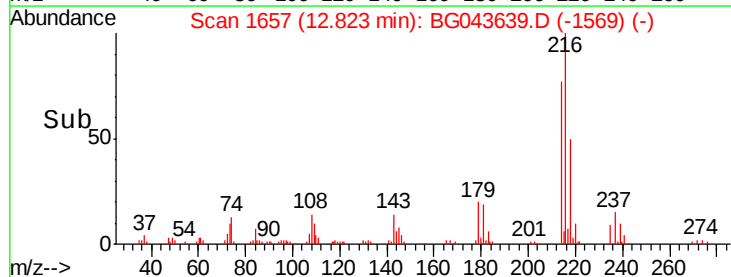
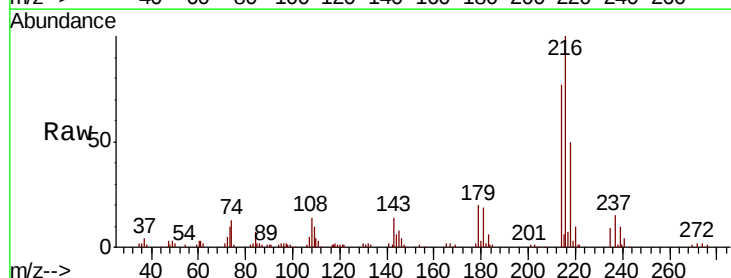
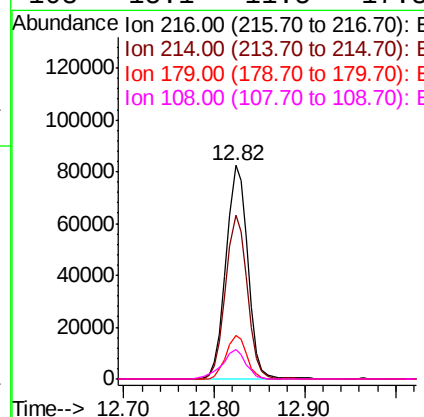
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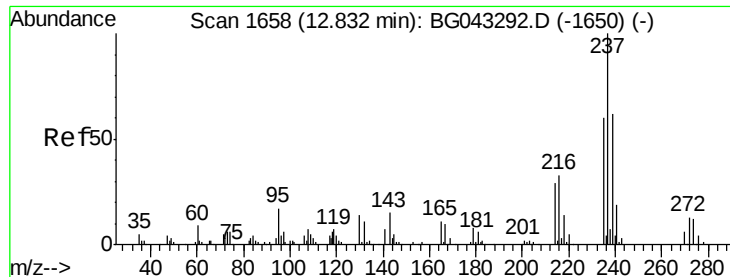
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.288 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.9	61.7	92.5
179	19.1	15.8	23.8
108	15.1	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 80.105 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

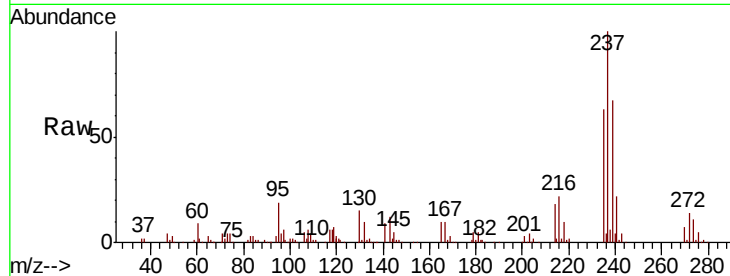
ClientSampleId :

8-(8-10)MS

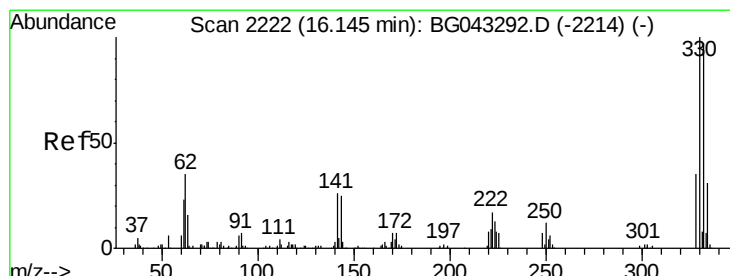
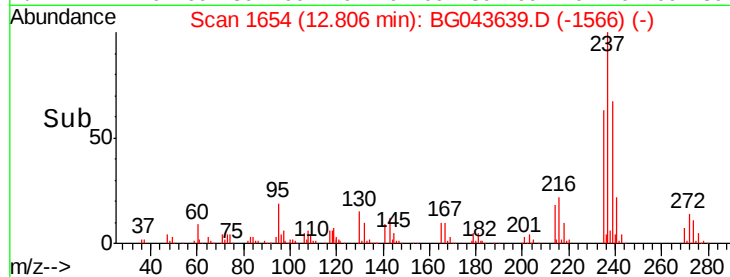
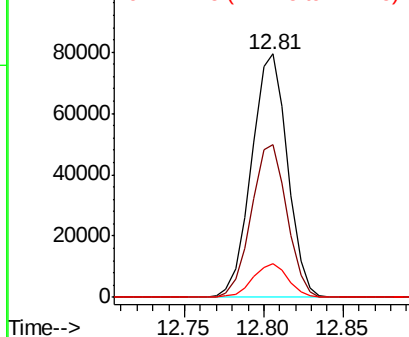
Tot Ion:	237	Resp:	124981
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.6	81.6
272	13.6	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 147.943 ng

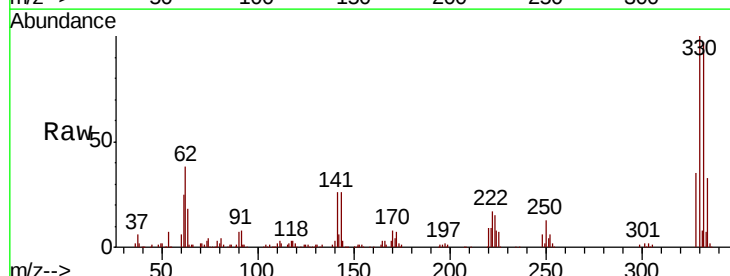
RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

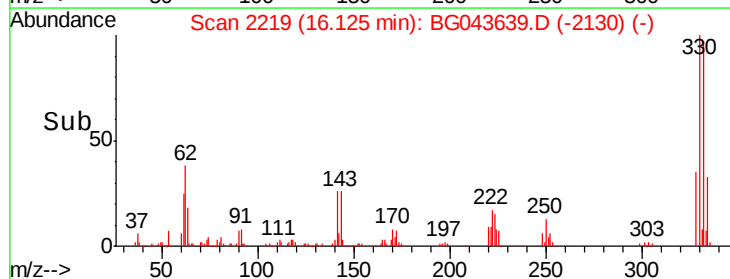
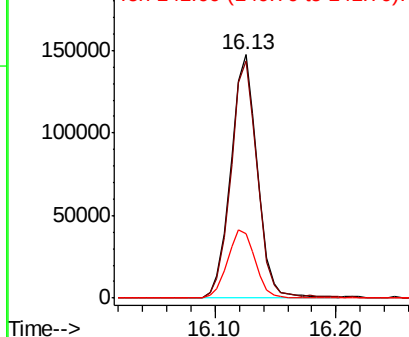
Lab File: BG043639.D

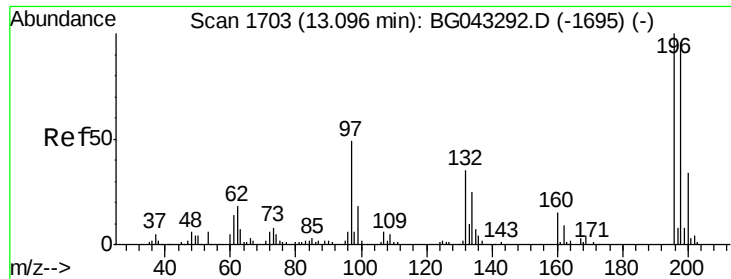
Acq: 14 Nov 2019 18:30

Tgt Ion:	330	Resp:	225947
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.0
141	29.4	22.8	34.2



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





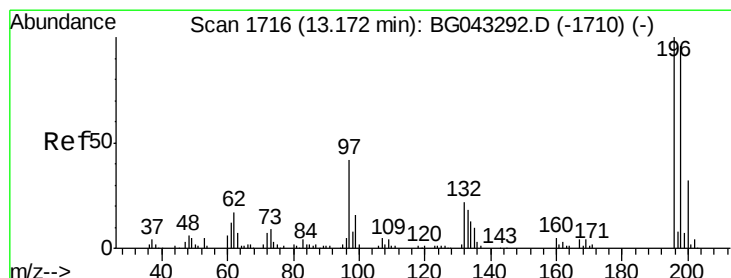
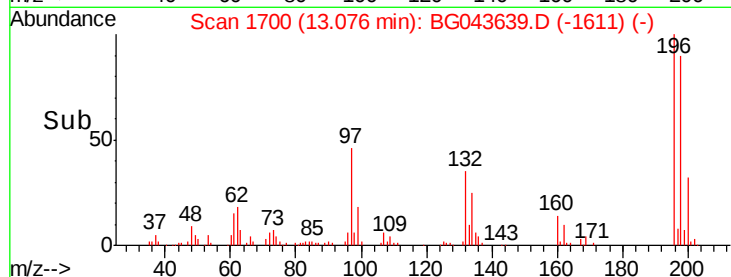
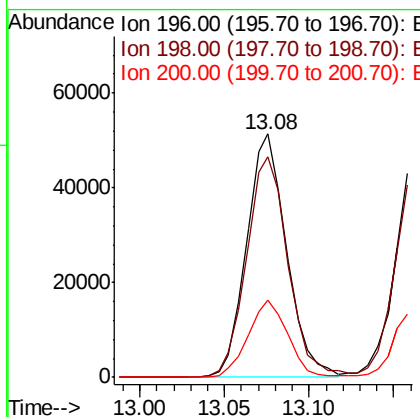
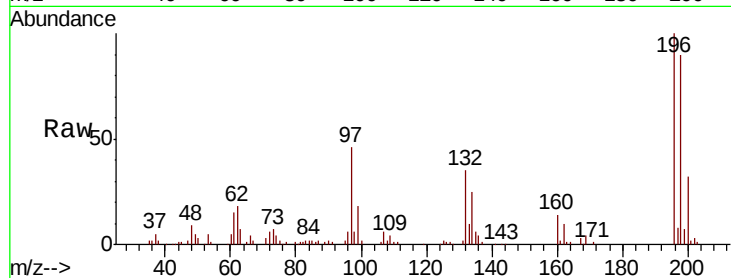
#43
 2,4,6-Trichlorophenol
 Concen: 48.269 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	84428		
198	90.4	75.8	113.6	
200	31.8	23.9	35.9	

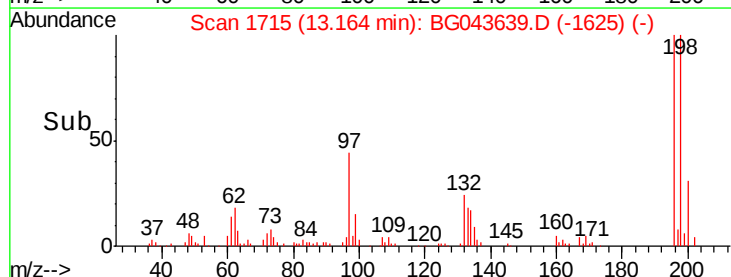
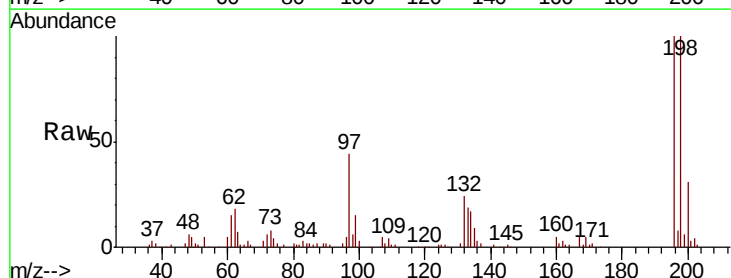
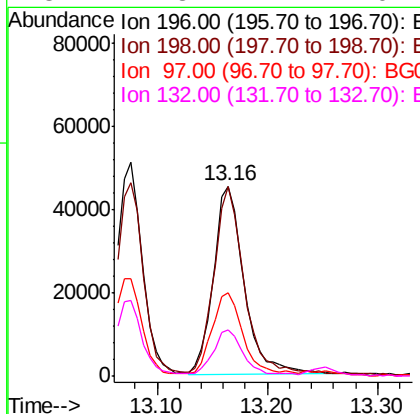
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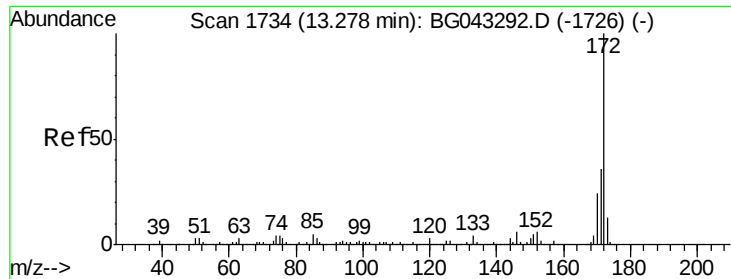
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.252 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87094		
198	99.7	74.5	111.7	
97	43.9	36.3	54.5	
132	24.3	17.4	26.2	





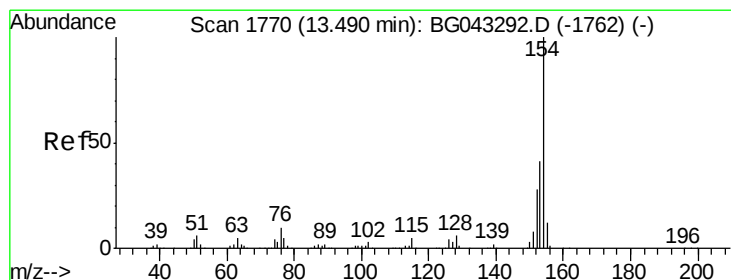
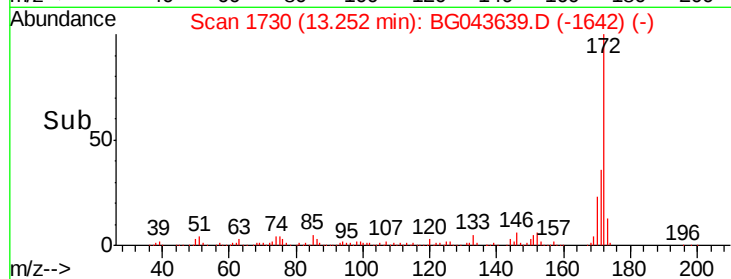
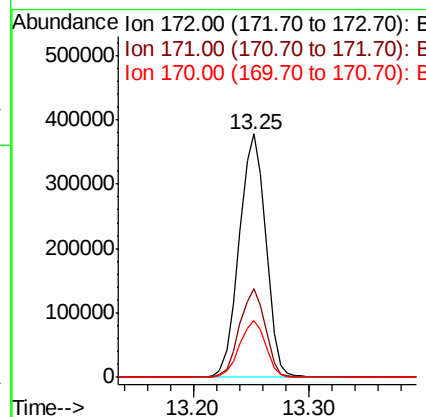
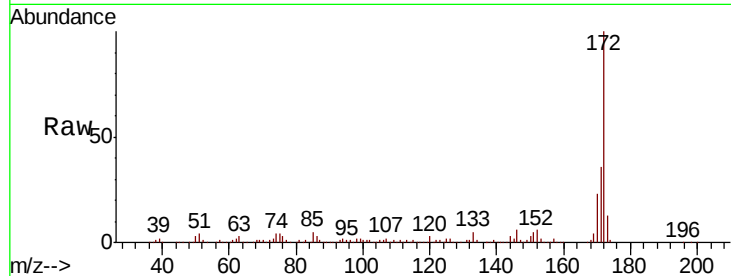
#45
2-Fluorobiphenyl
Concen: 103.972 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.4	18.5	27.7

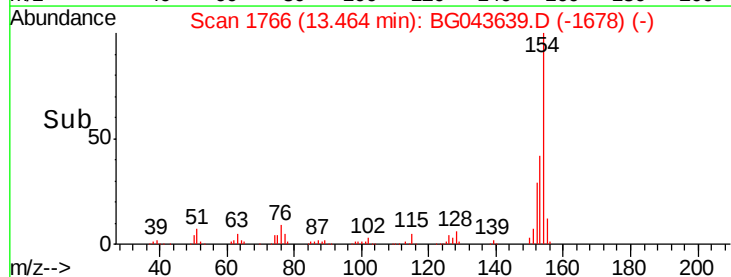
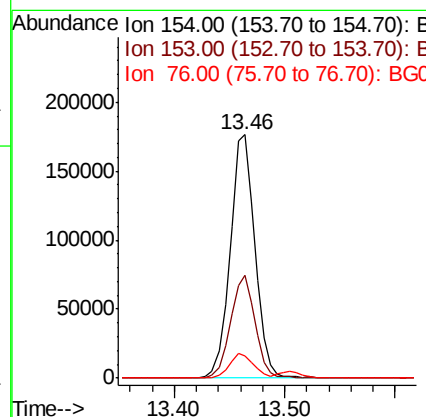
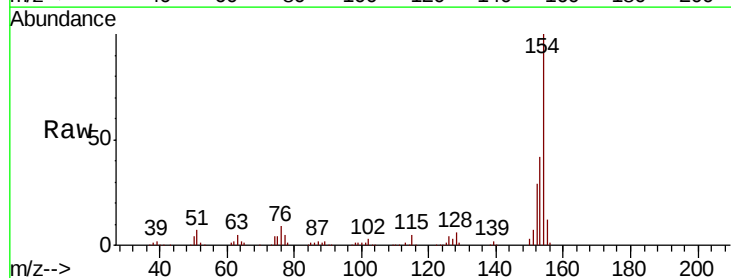
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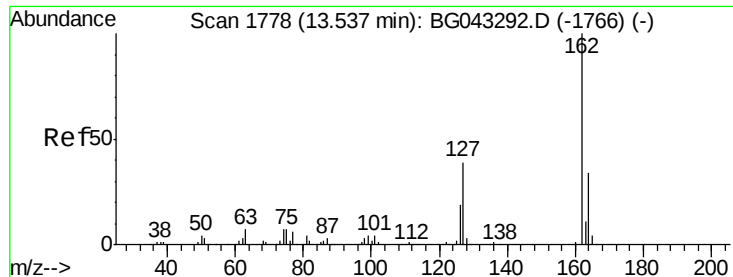
mohammad
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#46
1,1'-Biphenyl
Concen: 45.367 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.9	59.9
76	9.1	0.0	29.4





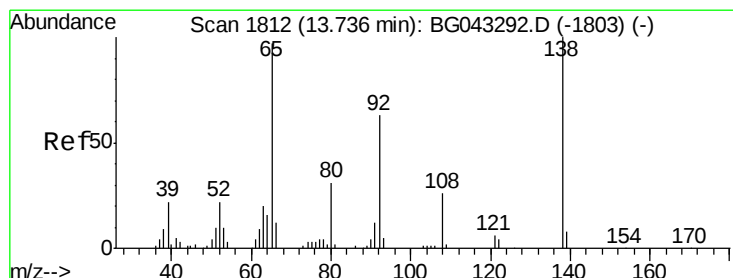
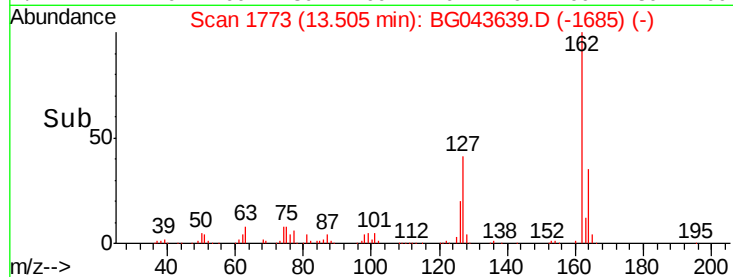
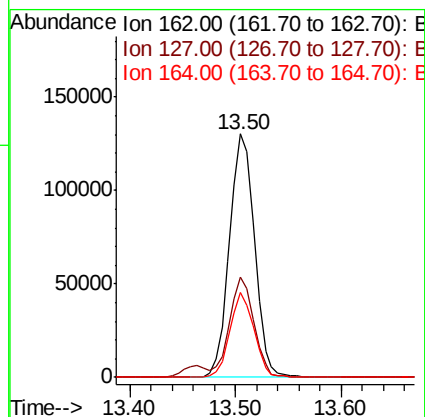
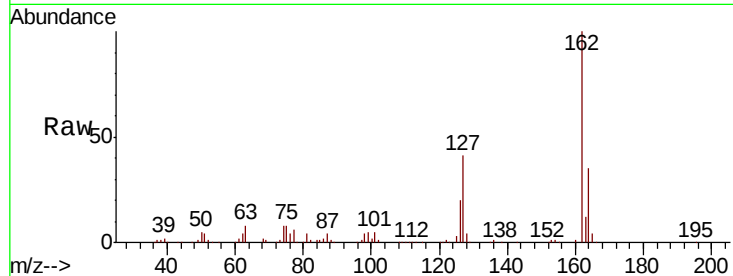
#47
2-Chloronaphthalene
Concen: 46.083 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.2	46.8
164	35.1	25.8	38.8

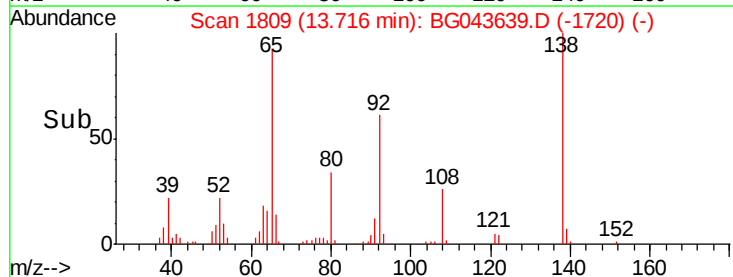
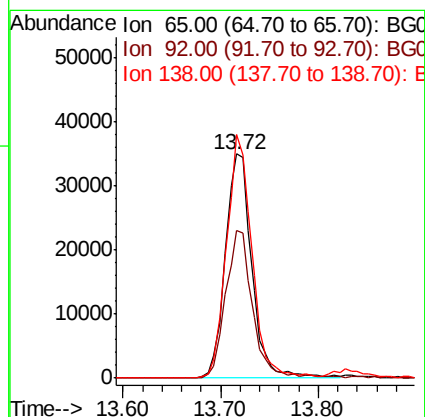
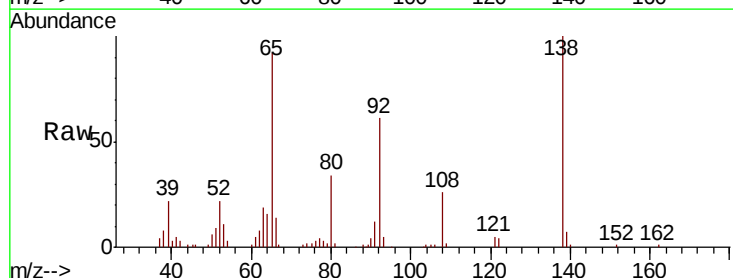
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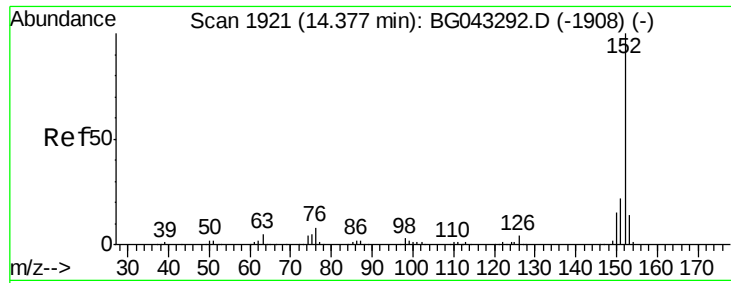
mohammad
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#48
2-Nitroaniline
Concen: 47.626 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	56.2	84.2
138	108.6	82.6	123.8





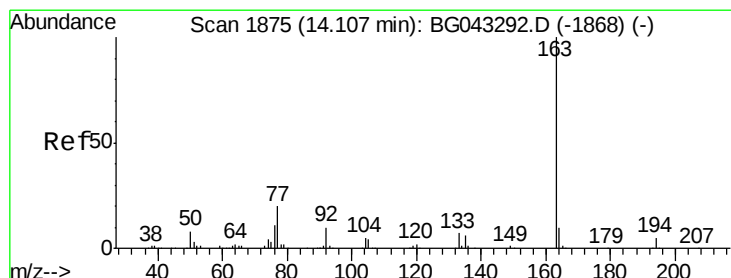
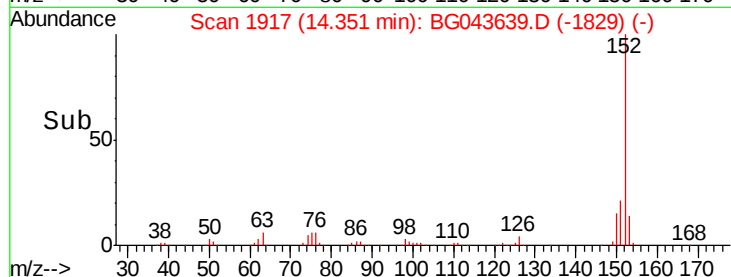
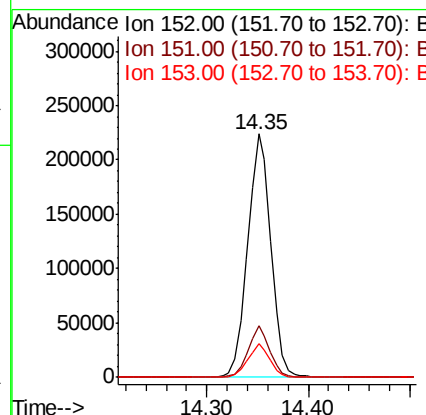
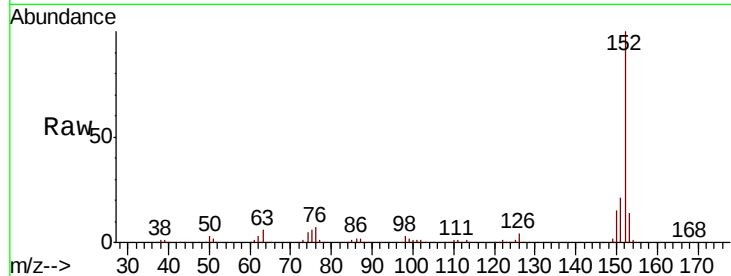
#49
Acenaphthylene
Concen: 48.934 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:	152	Resp:	353789
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.2	24.4
153	13.6	10.6	15.8

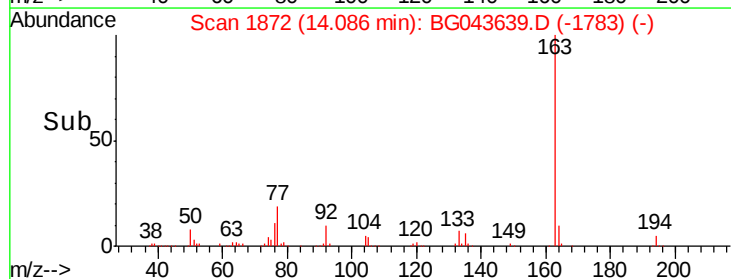
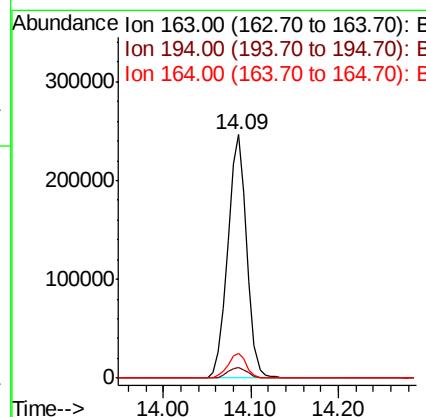
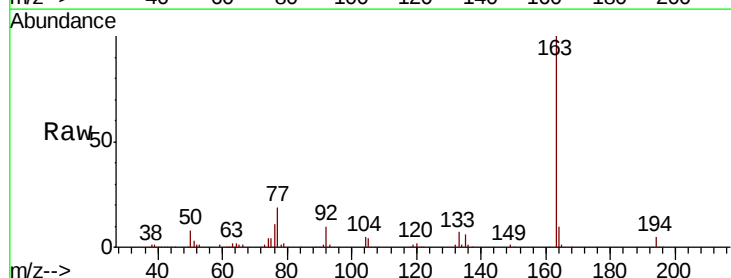
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#50
Dimethylphthalate
Concen: 59.175 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:	163	Resp:	367851
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.8	5.6
164	10.4	8.9	13.3





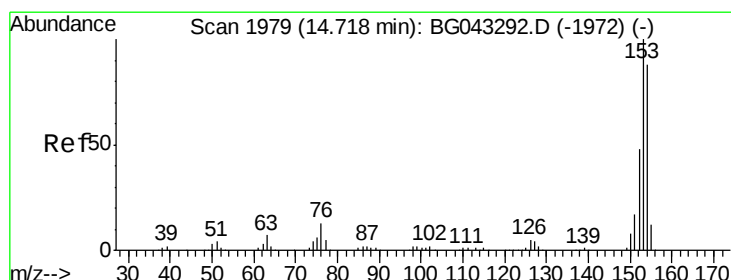
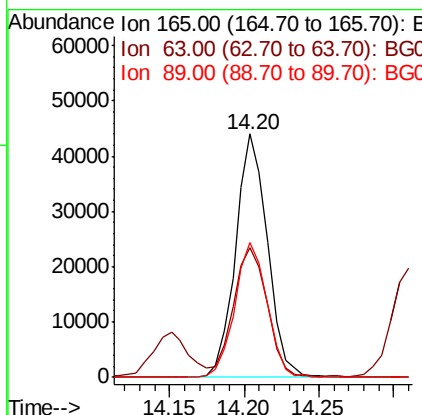
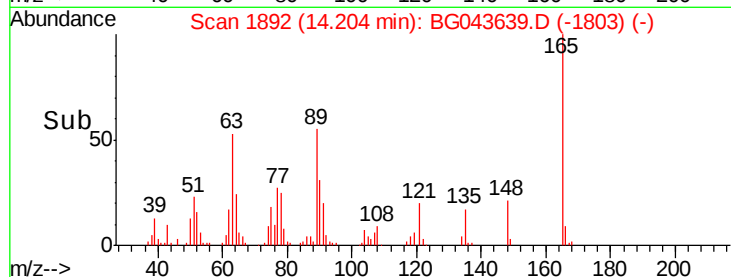
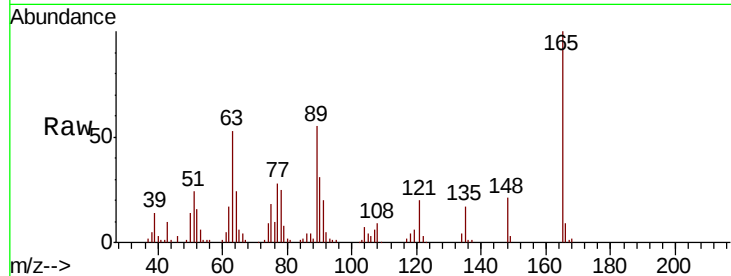
#51
2,6-Dinitrotoluene
Concen: 48.206 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampled :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	46.6	69.8
89	55.4	45.1	67.7

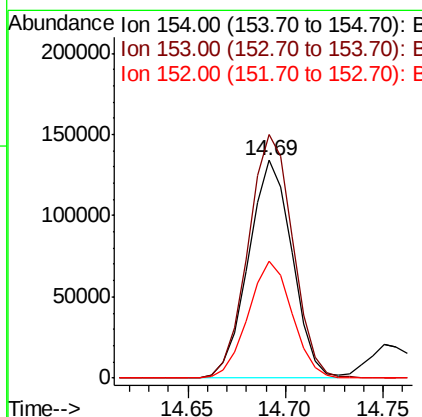
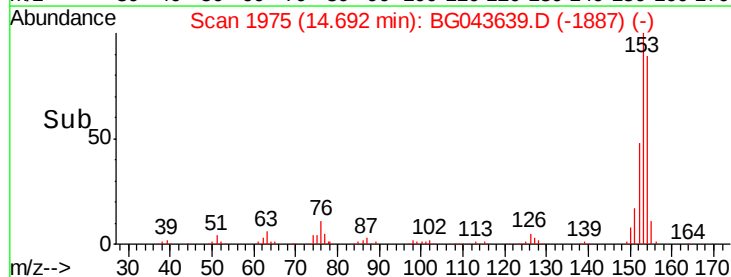
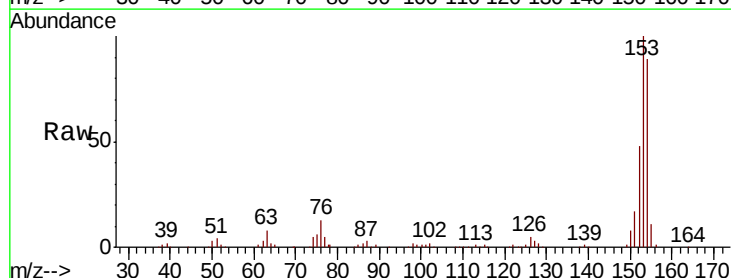
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#52
Acenaphthene
Concen: 47.269 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.2	132.2
152	53.5	40.0	60.0





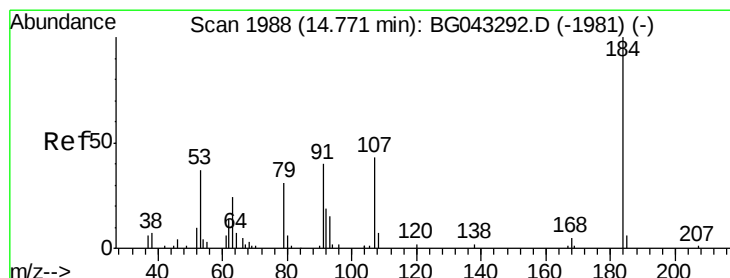
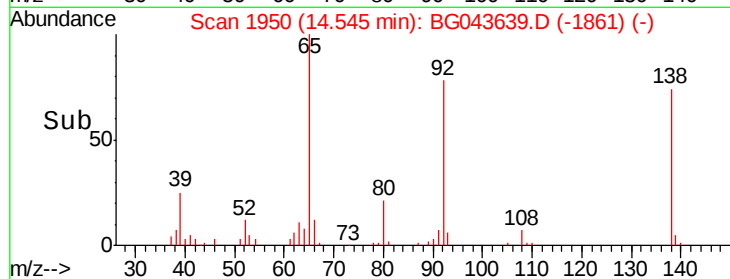
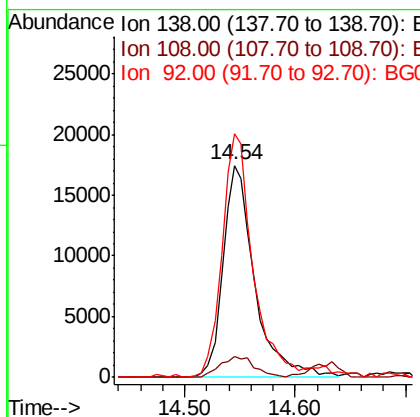
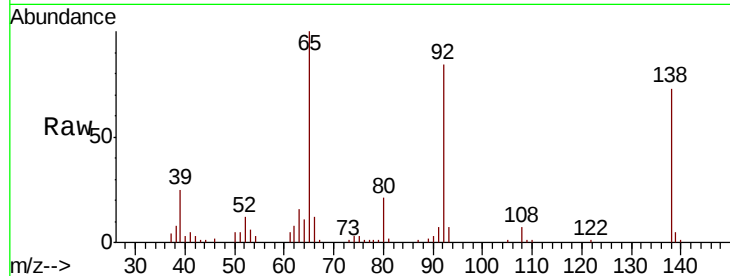
#53
3-Nitroaniline
Concen: 26.718 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	114.9	90.9	136.3

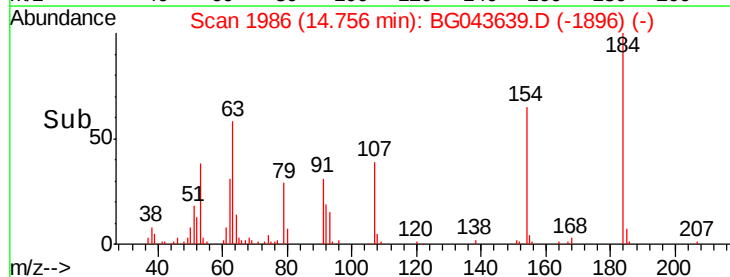
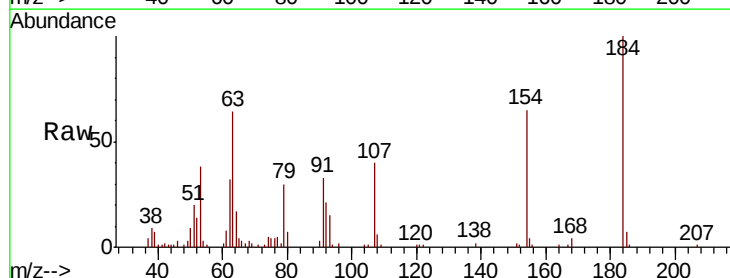
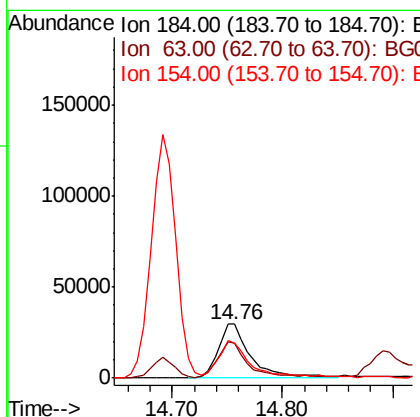
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#54
2,4-Dinitrophenol
Concen: 73.101 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	51.3	76.9
154	65.3	55.4	83.0





#55

Dibenzofuran

Concen: 48.046 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

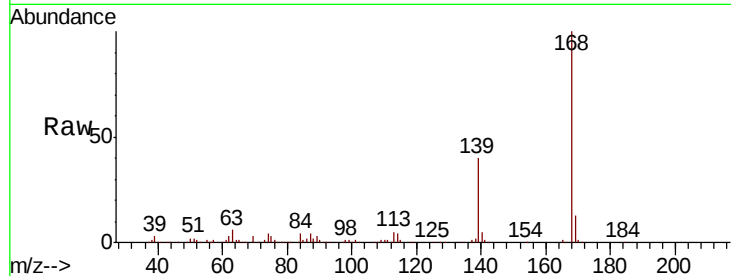
ClientSampled :

8-(8-10)MS

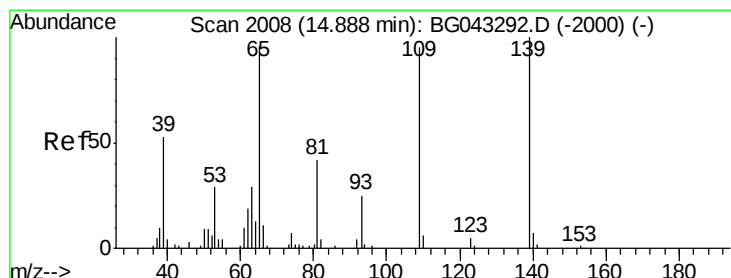
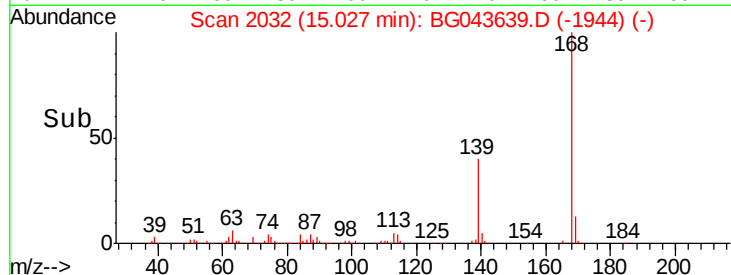
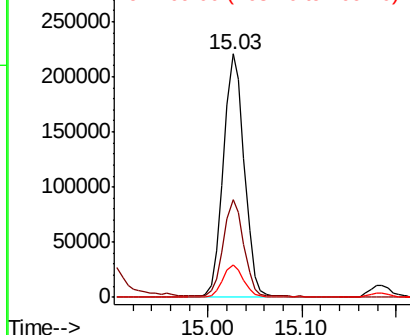
Tot Ion:	168	Resp:	343524
Ion Ratio	Lower	Upper	
168	100		
139	39.9	31.0	46.6
169	13.1	11.7	17.5

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 98.182 ng

RT: 14.89 min Scan# 2009

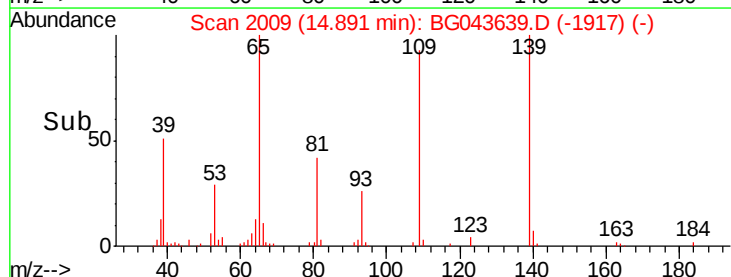
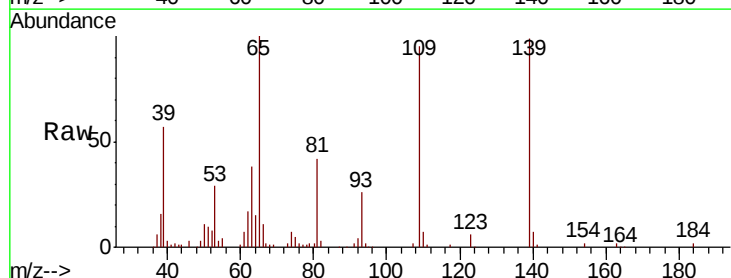
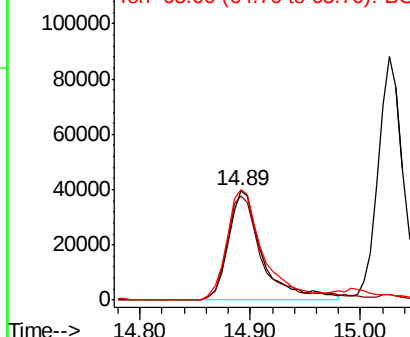
Delta R.T. 0.01 min

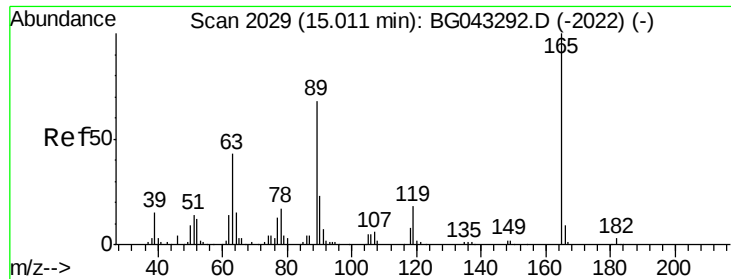
Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	139	Resp:	85787
Ion Ratio	Lower	Upper	
139	100		
109	95.7	87.2	127.2
65	100.7	83.8	123.8

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





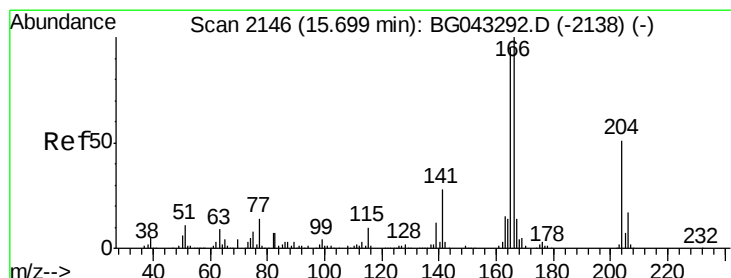
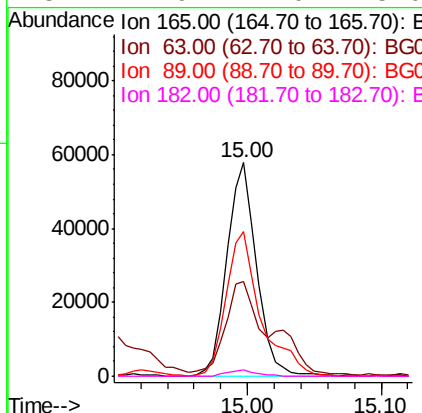
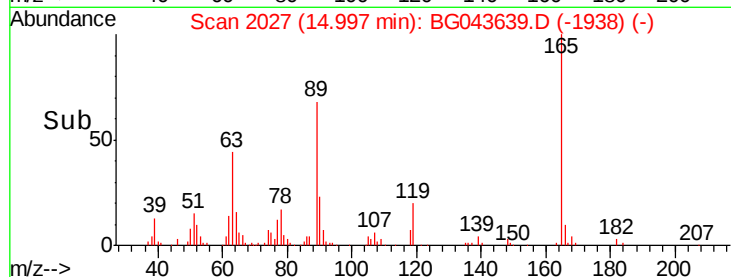
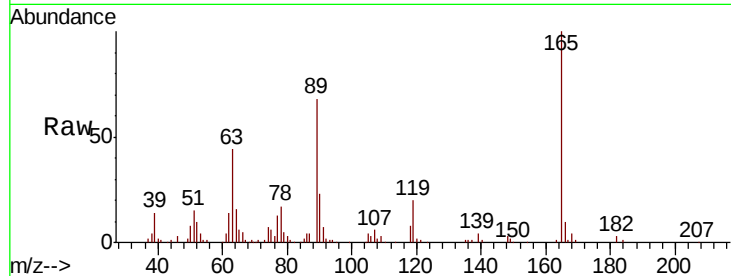
#57
2,4-Dinitrotoluene
Concen: 46.756 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	90238		
63	44.3		33.2	49.8
89	67.8		52.2	78.4
182	2.9		2.0	3.0

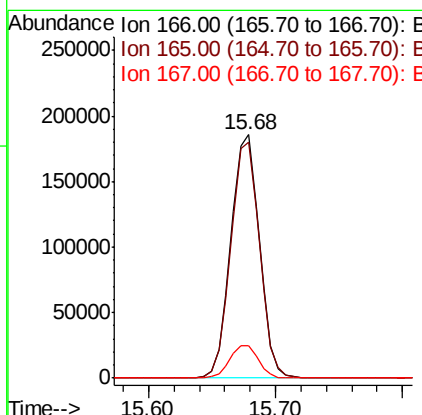
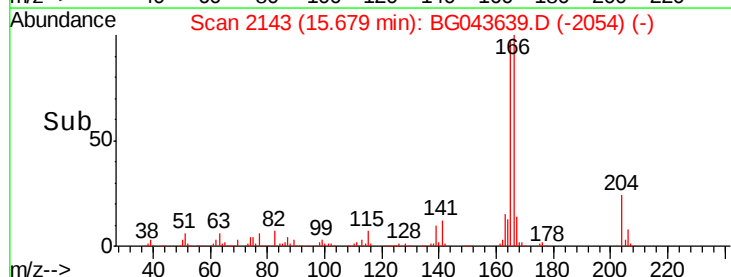
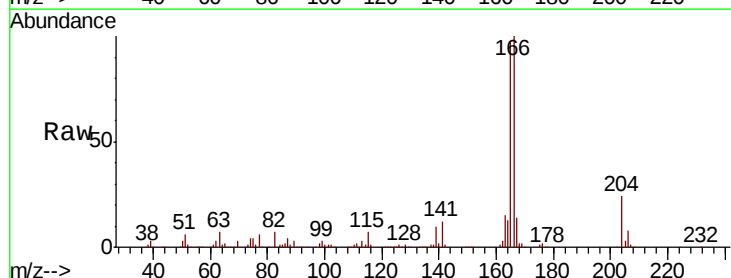
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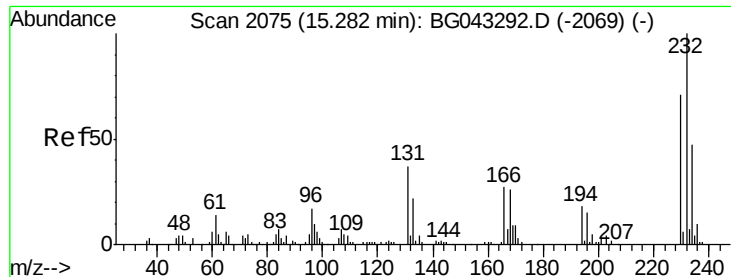
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#58
Fluorene
Concen: 48.210 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	289104		
165	96.9		79.0	118.6
167	13.6		10.5	15.7





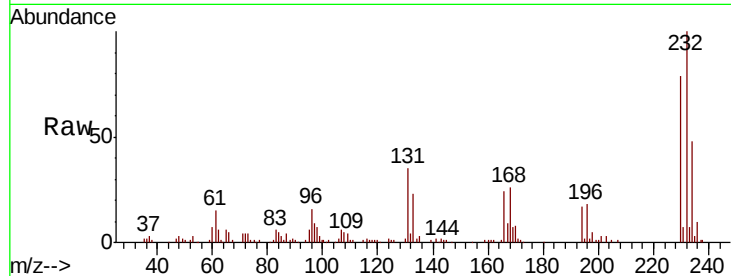
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.587 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:	232	Resp:	85647
Ion Ratio	Lower	Upper	
232	100		
131	39.0	26.9	40.3
130	2.3	1.8	2.6
166	26.5	20.9	31.3

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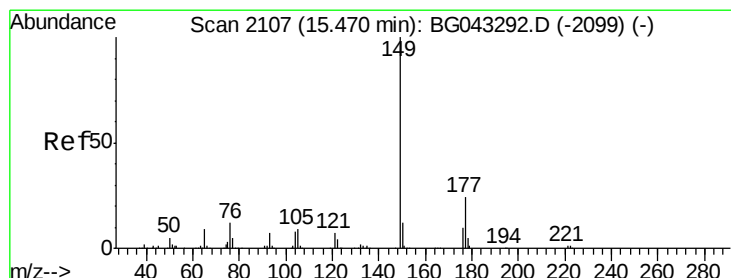
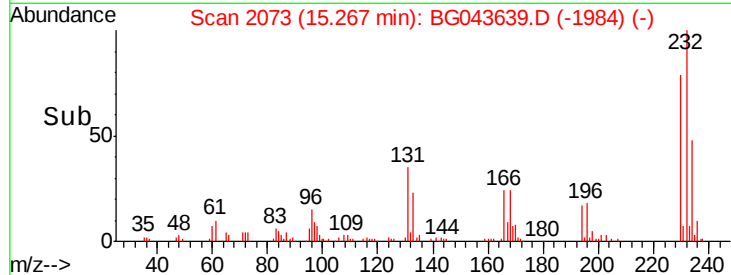
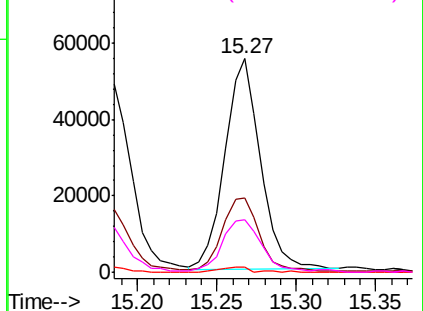
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

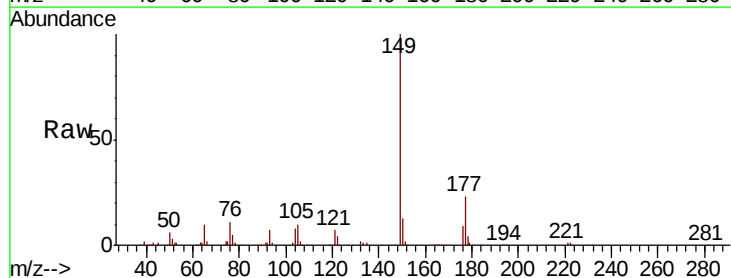
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.709 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:	149	Resp:	285502
Ion Ratio	Lower	Upper	
149	100		
177	23.2	19.6	29.4
150	13.0	10.8	16.2

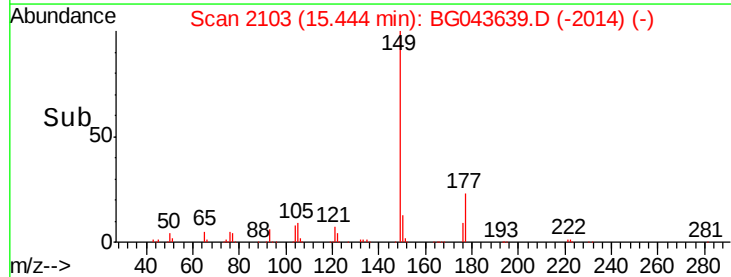
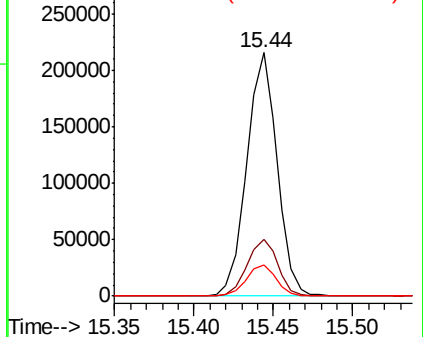


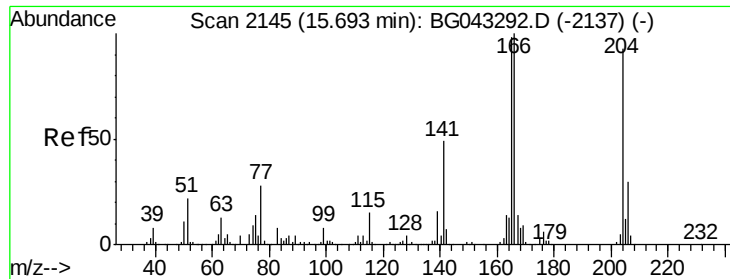
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





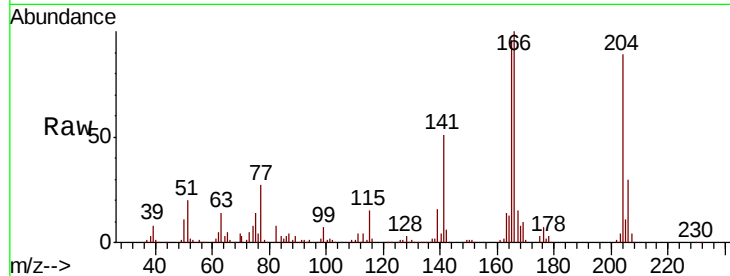
#61
4-Chlorophenyl-phenylether
Concen: 46.790 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.4	42.6
141	57.6	43.0	64.6

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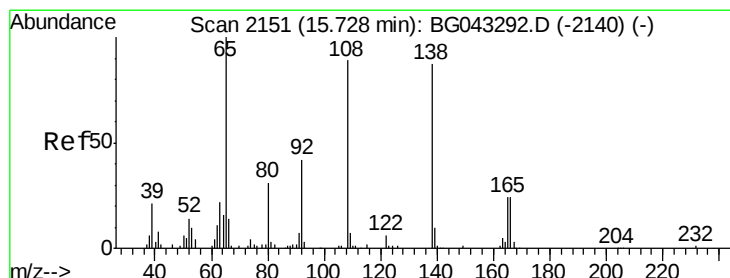
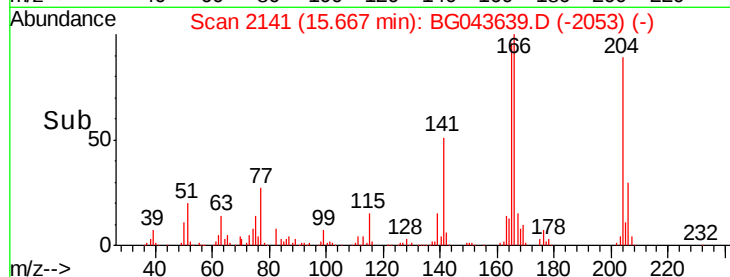
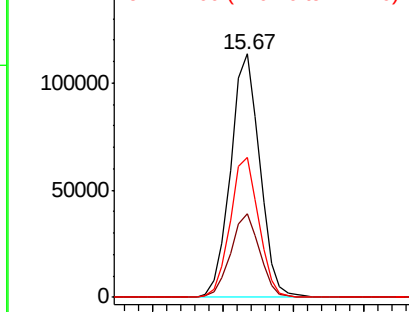


Abundance

Ion 204.00 (203.70 to 204.70): E

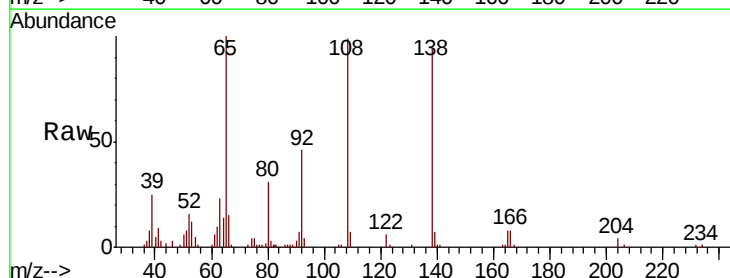
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.796 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	33.4	73.4
108	105.2	78.0	118.0

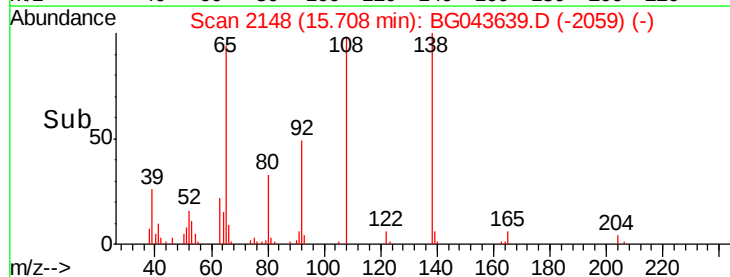
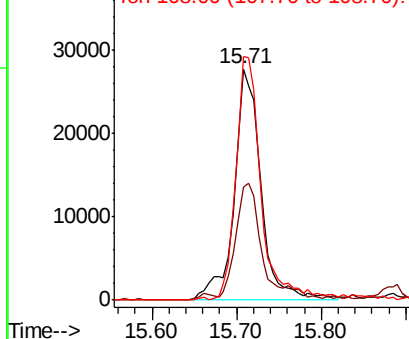


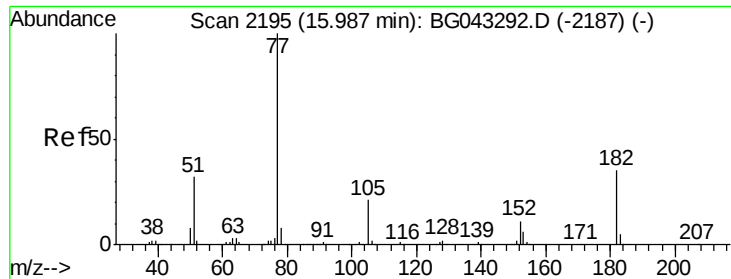
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





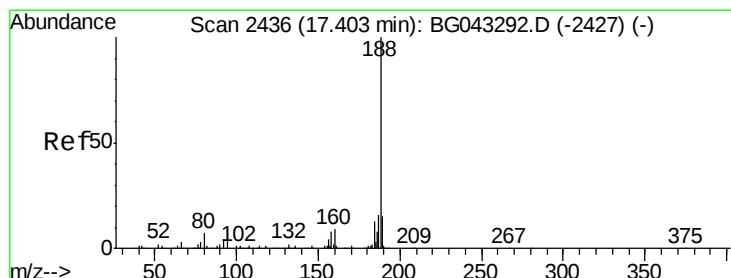
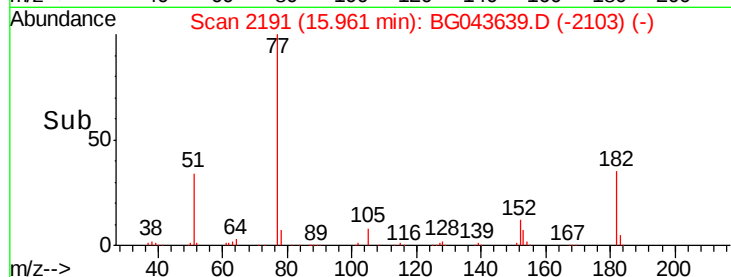
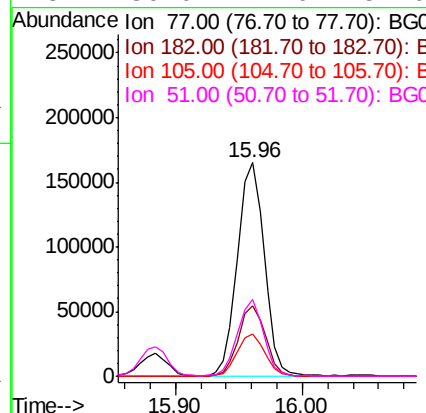
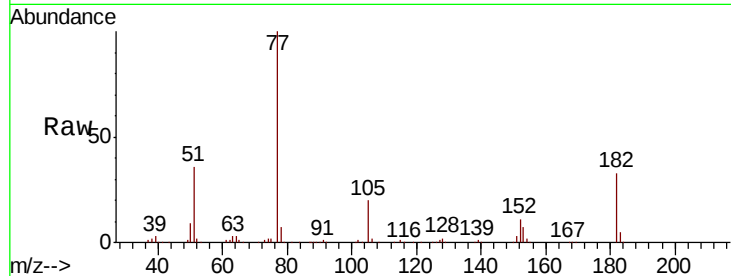
#63
Azobenzene
Concen: 47.800 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion:	77	Resp:	241631
Ion Ratio	Lower	Upper	
77	100		
182	33.3	13.7	53.7
105	19.7	0.4	40.4
51	36.0	11.0	51.0

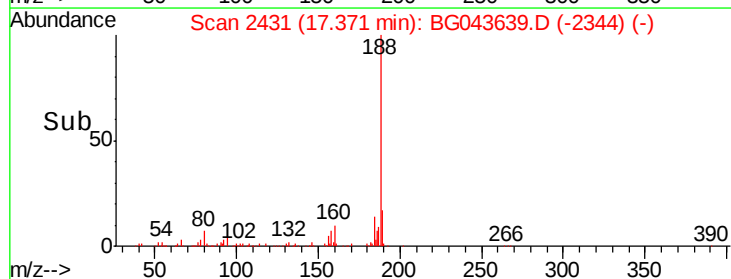
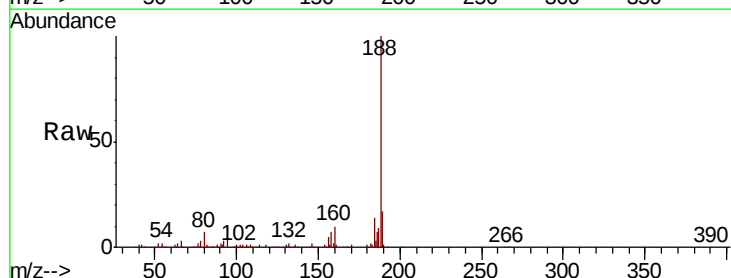
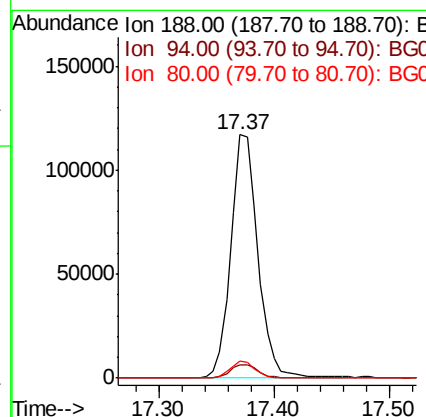
Manual Integrations
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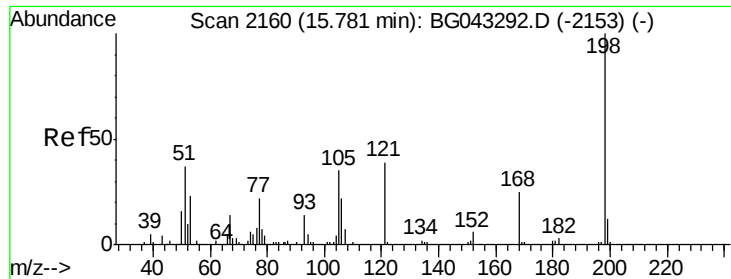
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion:	188	Resp:	190270
Ion Ratio	Lower	Upper	
188	100		
94	5.4	4.2	6.4
80	6.9	4.5	6.7#





#65

4,6-Dinitro-2-methylphenol

Concen: 47.656 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

ClientSampleId :

8-(8-10)MS

Tot Ion:198 Resp: 53363

Ion Ratio Lower Upper

198 100

51 37.2 13.2 53.2

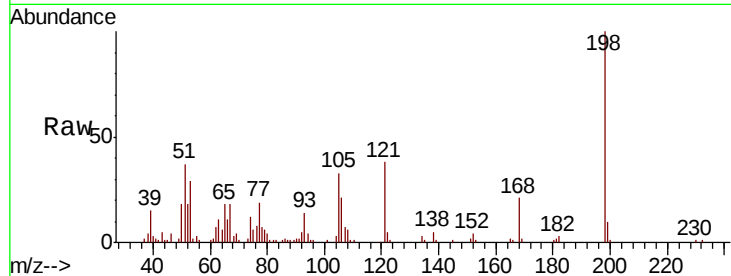
105 32.6 15.8 55.8

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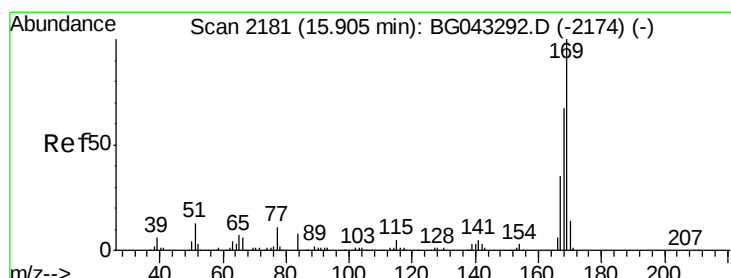
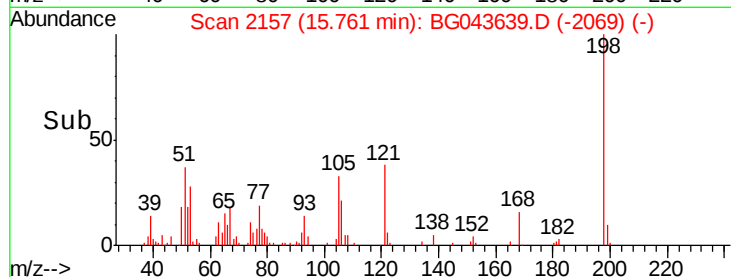
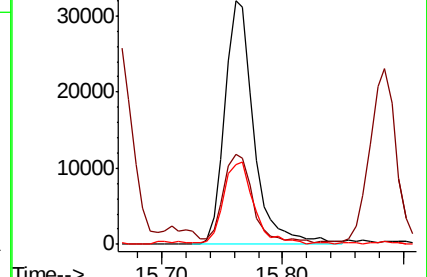
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.486 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

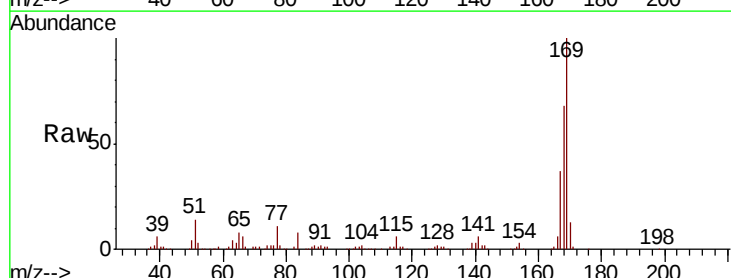
Tgt Ion:169 Resp: 255085

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

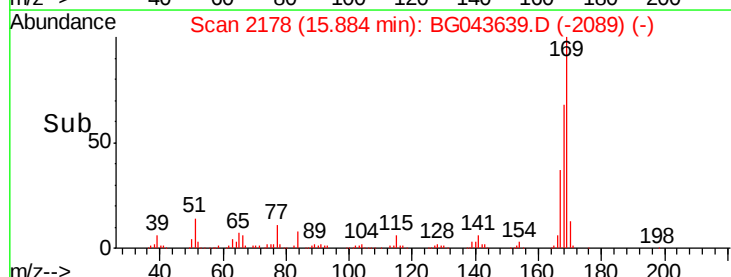
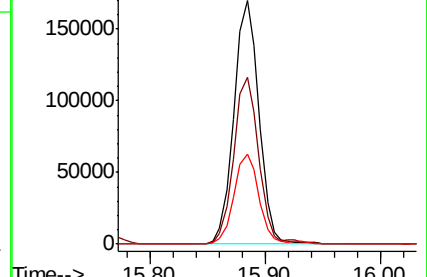
167 37.0 27.5 41.3



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: 45.642 ng

RT: 16.56 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

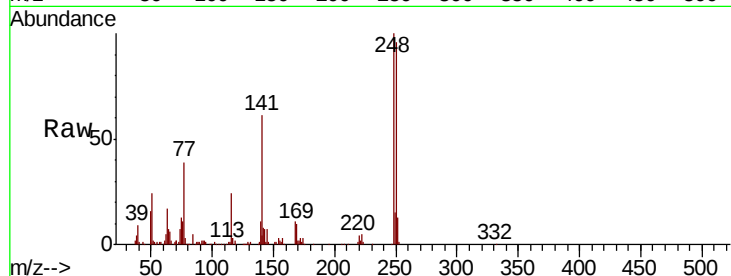
ClientSampleId :

8-(8-10)MS

Tot Ion:	248	Resp:	116871
Ion Ratio	Lower	Upper	
248	100		
250	96.2	77.0	115.4
141	60.6	47.5	71.3

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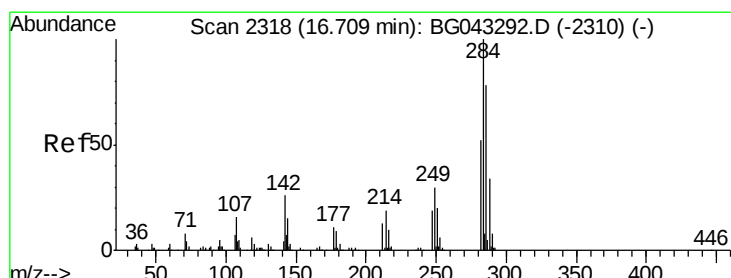
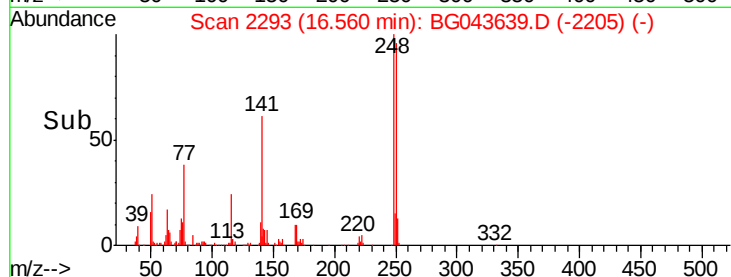
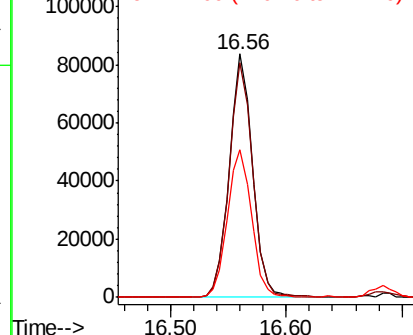


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.032 ng

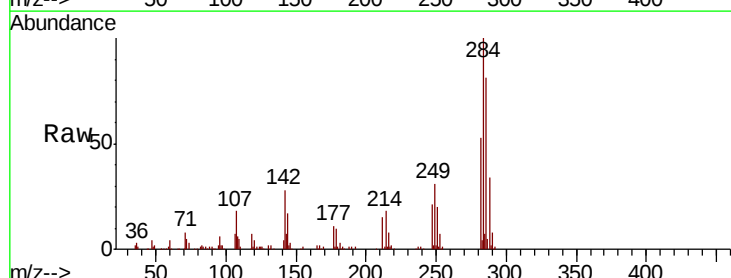
RT: 16.68 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	284	Resp:	129421
Ion Ratio	Lower	Upper	
284	100		
142	27.6	19.8	29.8
249	31.3	23.8	35.6

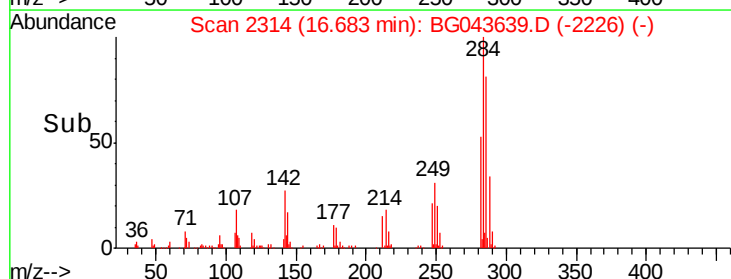
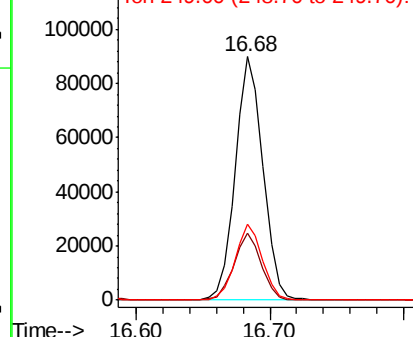


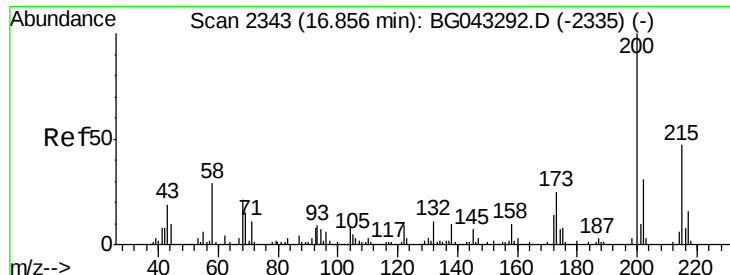
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 58.715 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

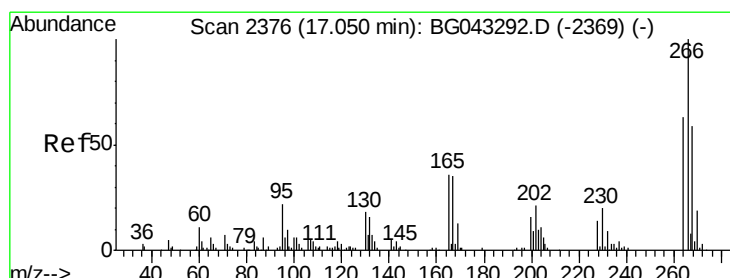
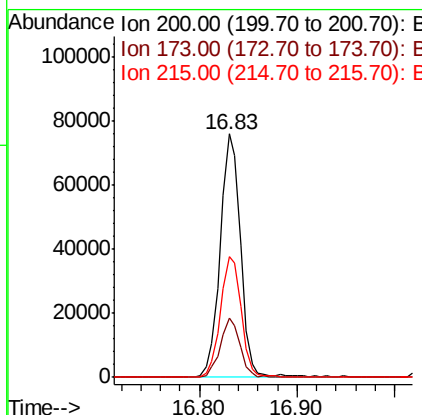
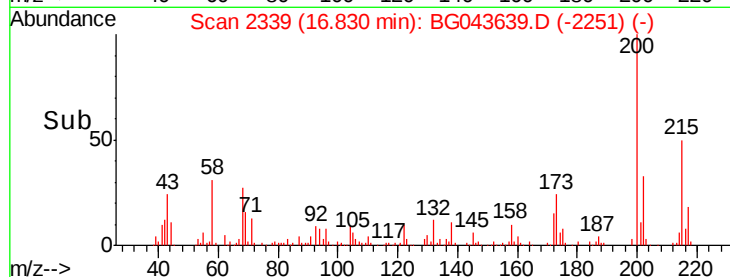
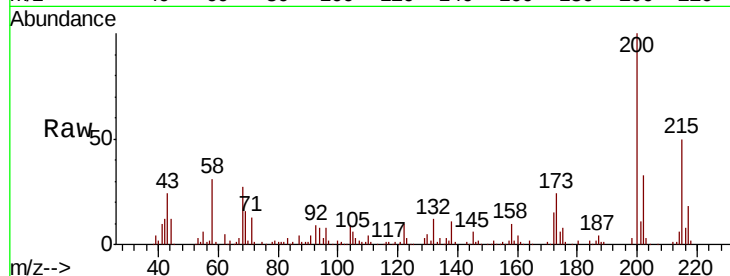
ClientSampled :

8-(8-10)MS

Tot Ion:	200	Resp:	109597
Ion Ratio	Lower	Upper	
200	100		
173	24.3	4.7	44.7
215	49.7	28.5	68.5

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#70

Pentachlorophenol

Concen: 79.105 ng

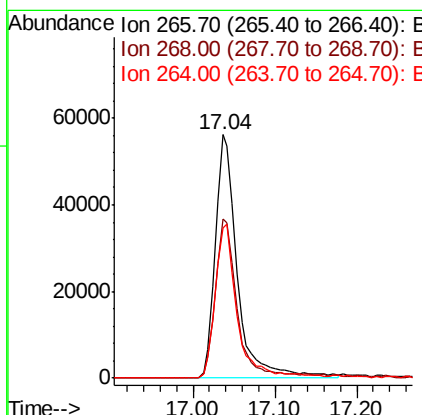
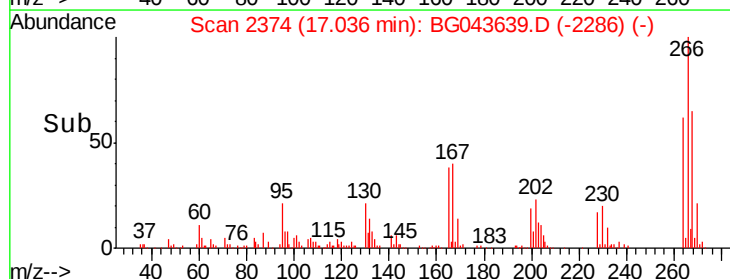
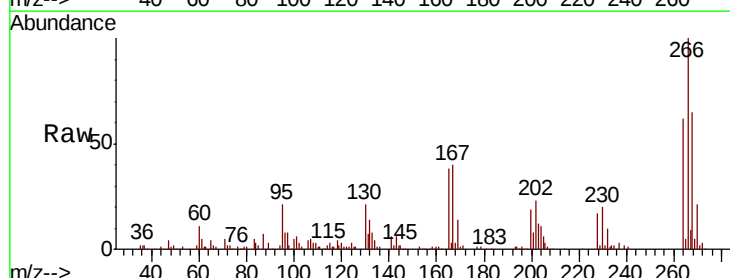
RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	266	Resp:	105946
Ion Ratio	Lower	Upper	
266	100		
268	65.2	50.4	75.6
264	61.5	48.9	73.3





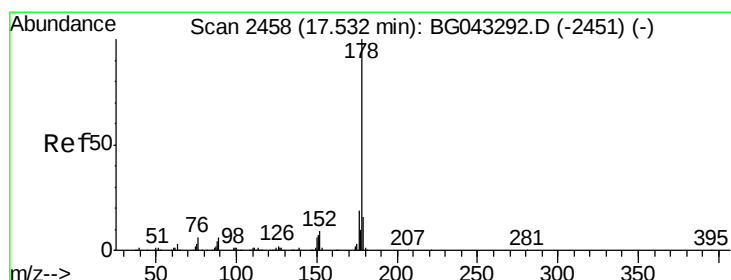
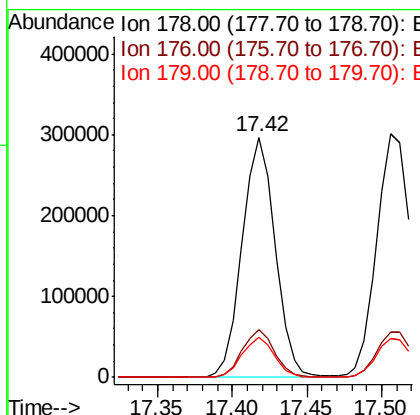
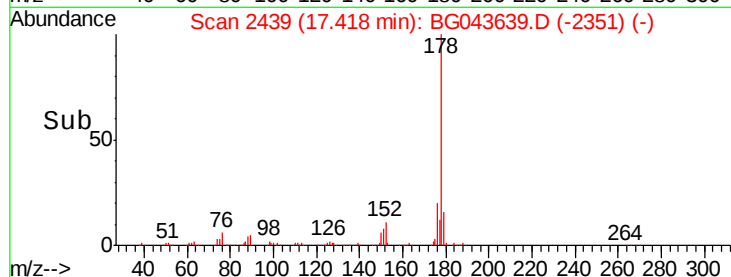
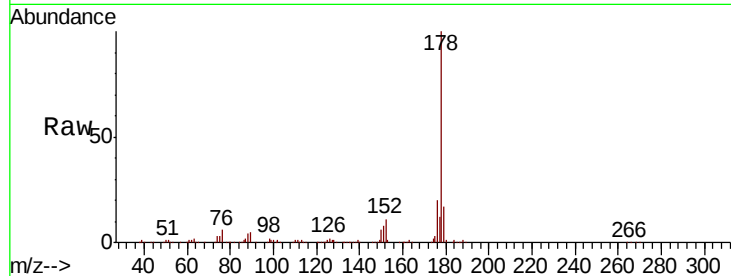
#71
Phenanthrene
Concen: 46.889 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	16.6	13.0	19.6

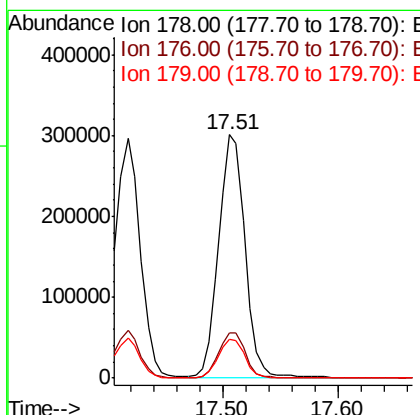
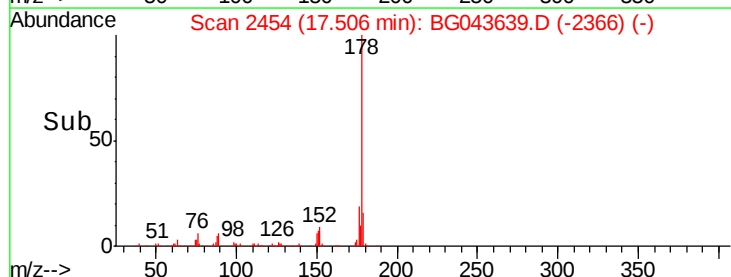
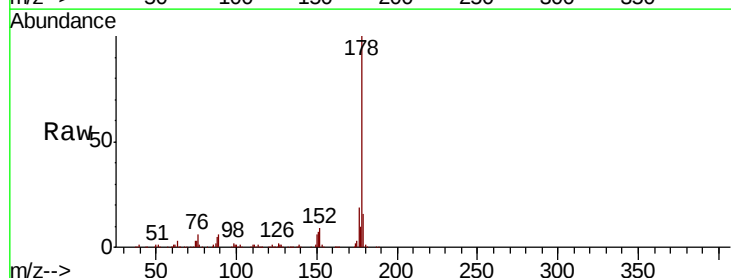
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#72
Anthracene
Concen: 48.692 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.9	13.7	20.5





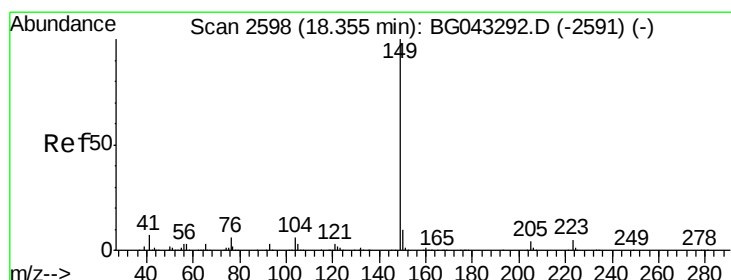
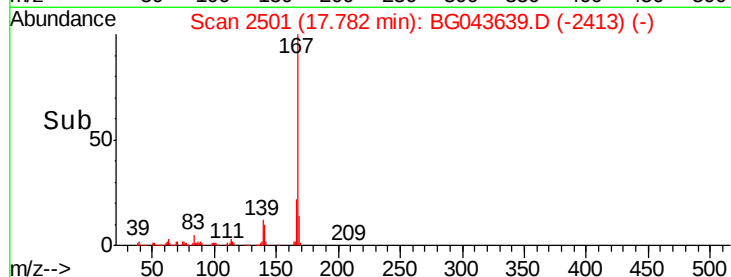
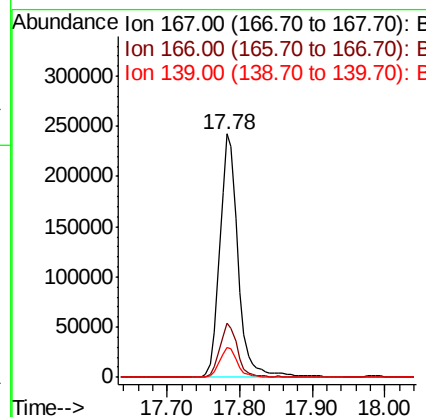
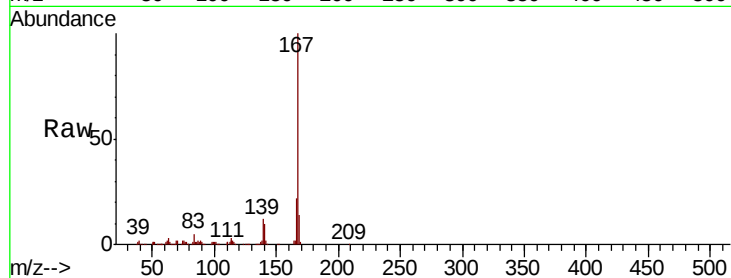
#73
 Carbazole
 Concen: 48.032 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Instrument :
 BNA_G
 ClientSampleId :
 8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.7	28.1
139	12.4	10.0	15.0

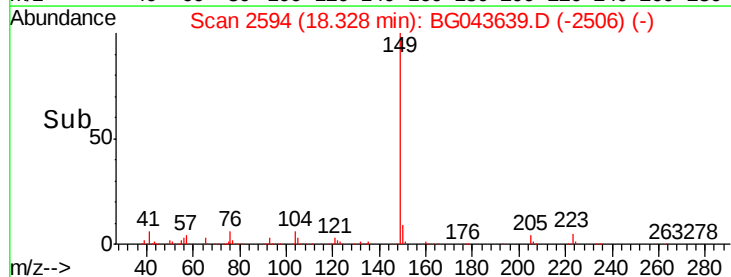
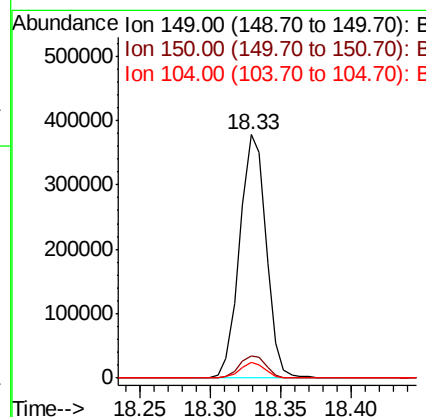
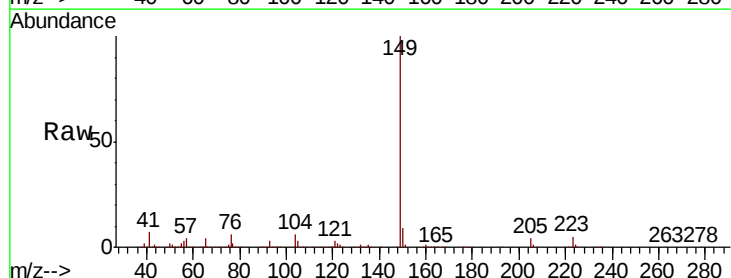
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 46.315 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	6.2	4.4	6.6





#75

Fluoranthene

Concen: 47.536 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

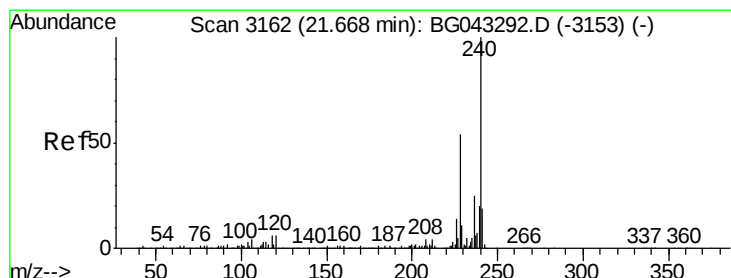
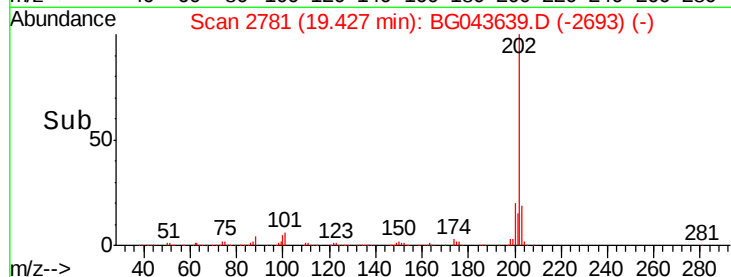
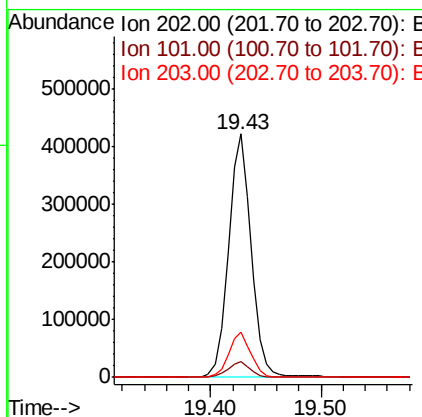
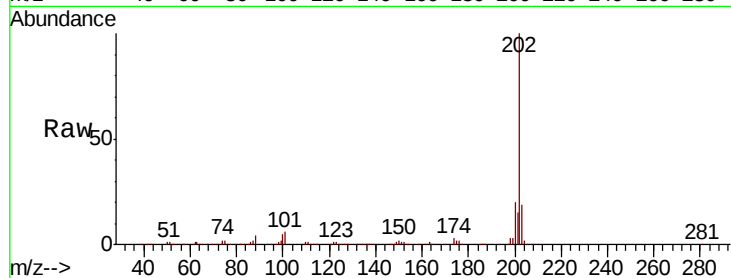
ClientSampleId :

8-(8-10)MS

Tot Ion:	202	Resp:	603812
Ion Ratio		Lower	Upper
202	100		
101	6.3	0.0	26.3
203	18.6	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

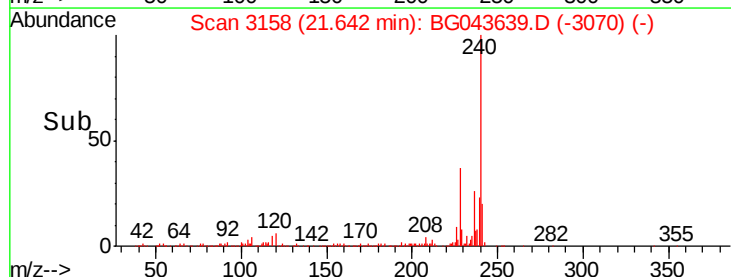
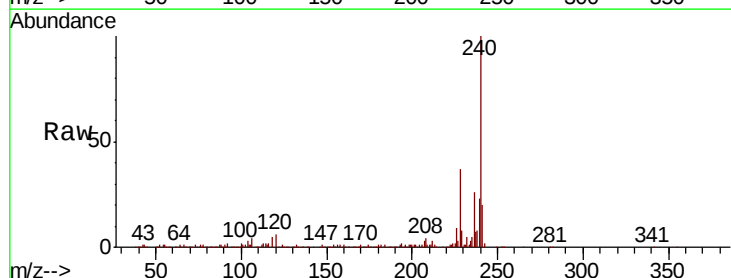
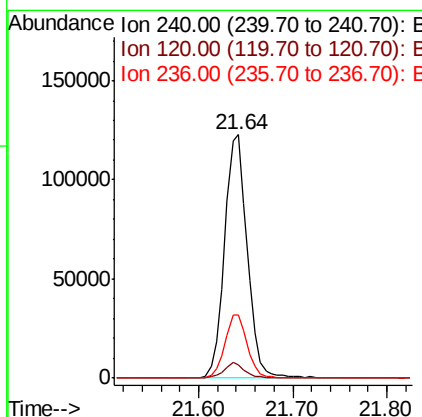
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	240	Resp:	205682
Ion Ratio		Lower	Upper
240	100		
120	5.5	4.6	6.8
236	25.7	19.8	29.8





#77

Benzidine

Concen: 79.446 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

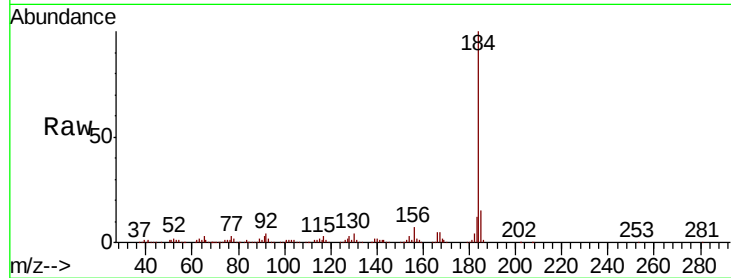
ClientSampleId :

8-(8-10)MS

Tot Ion:	184	Resp:	328858
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.0	16.4
183	12.2	10.0	15.0

Manual Integrations
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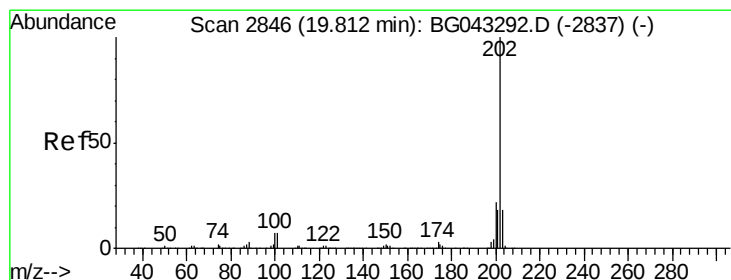
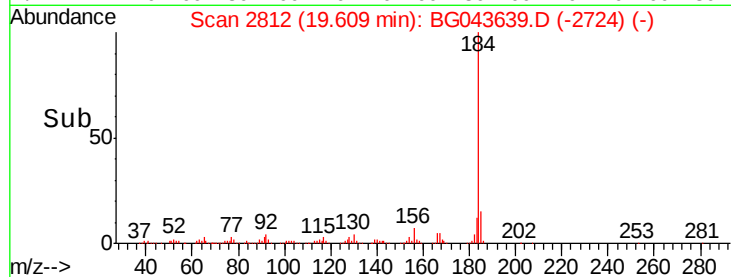
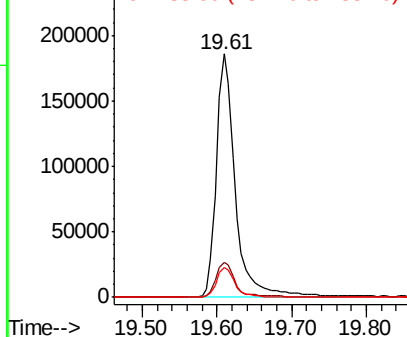


Abundance

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: 47.475 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

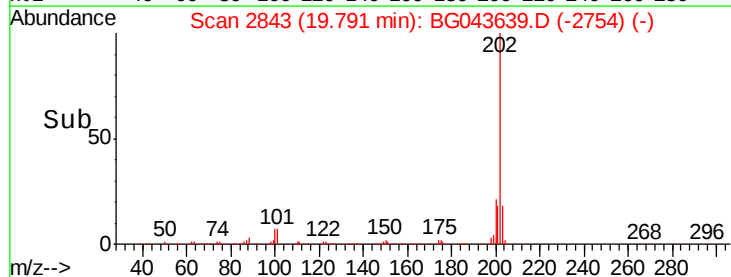
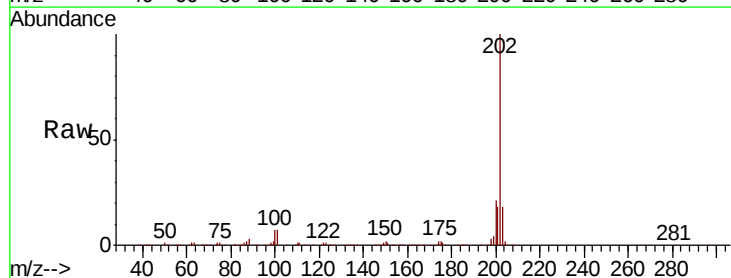
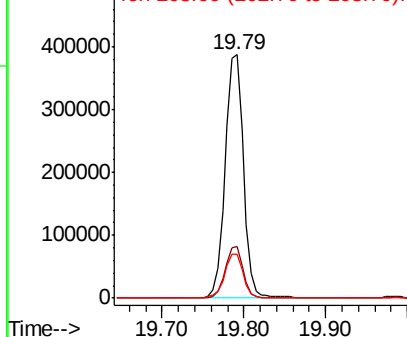
Tgt Ion:	202	Resp:	604423
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	18.2	14.7	22.1

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





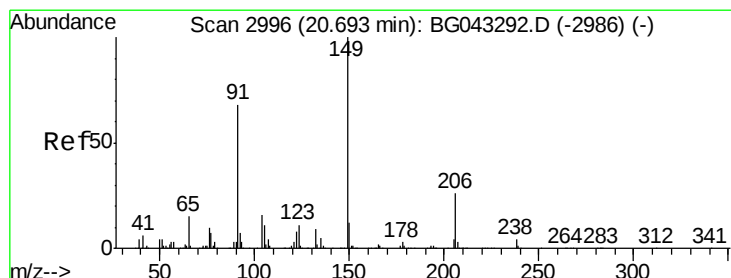
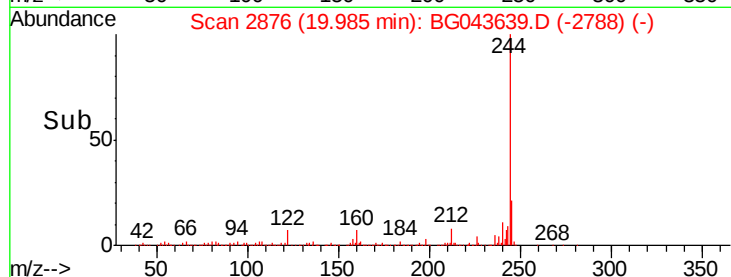
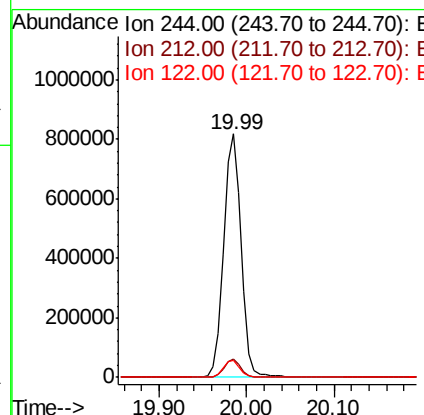
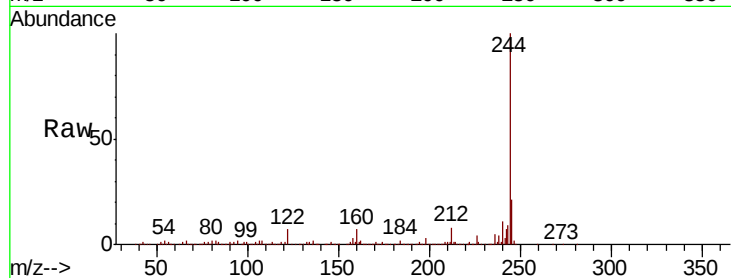
#79
 Terphenyl-d14
 Concen: 103.366 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Instrument :
 BNA_G
 ClientSampled :
 8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	6.9	5.4	8.2

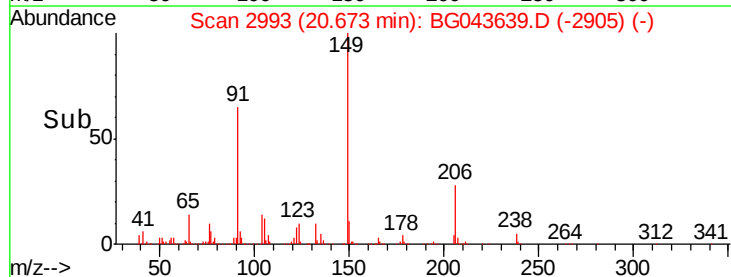
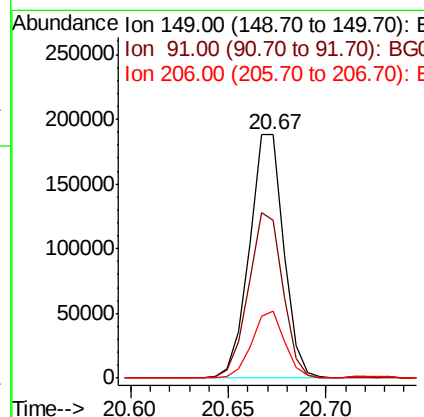
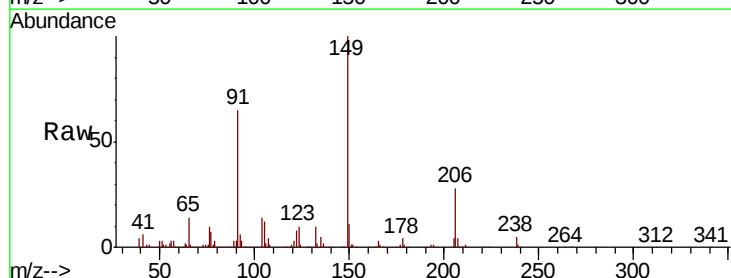
Manual Integrations
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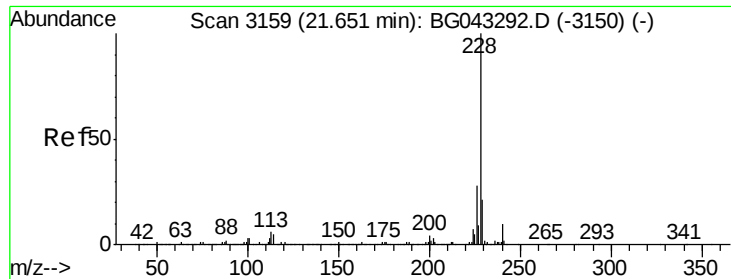
mohammad
 11/15/2019 6:00:35 PM



#80
 Butylbenzylphthalate
 Concen: 47.486 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG043639.D
 Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	51.2	76.8
206	27.6	22.5	33.7





#81

Benzo(a)anthracene

Concen: 48.974 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

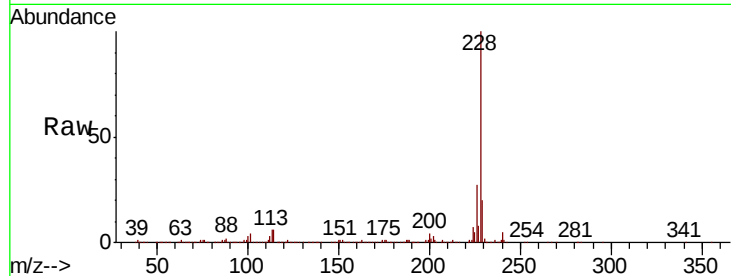
ClientSampleId :

8-(8-10)MS

Tot Ion:	228	Resp:	630969
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.2
229	20.3	17.0	25.4

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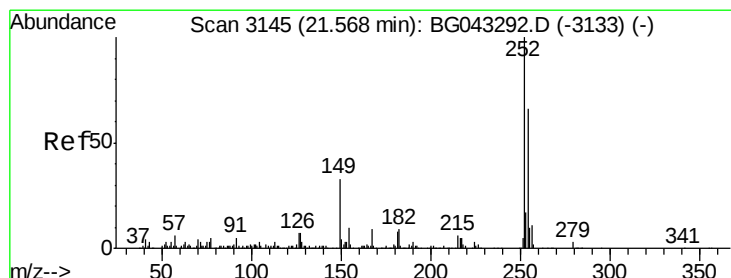
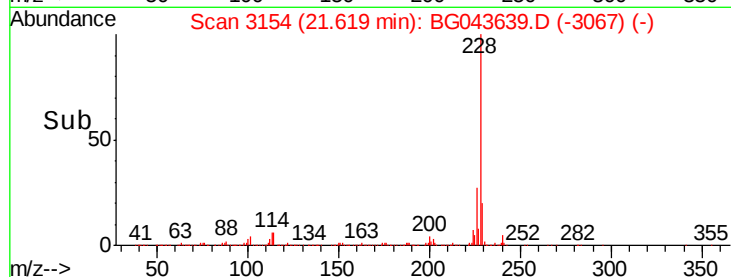
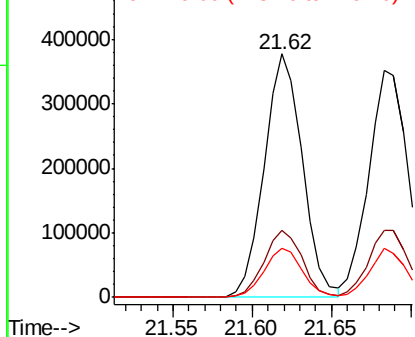


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.554 ng

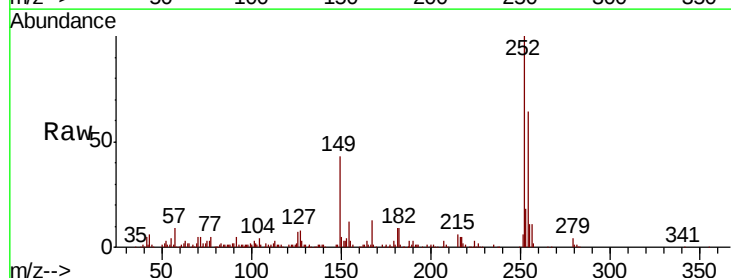
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	252	Resp:	137308
Ion Ratio	Lower	Upper	
252	100		
254	64.2	50.8	76.2
126	6.9	6.1	9.1

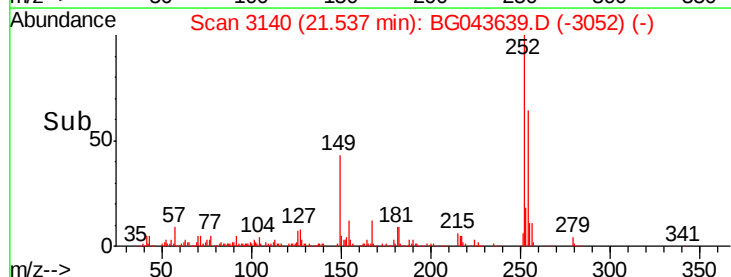
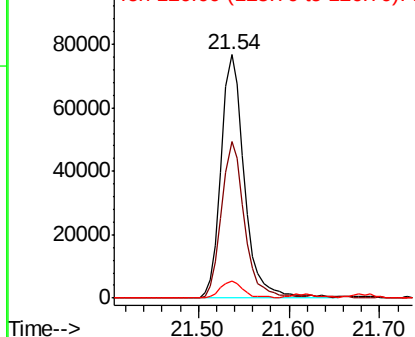


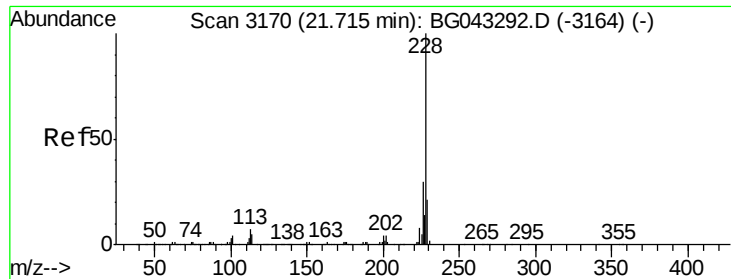
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.519 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

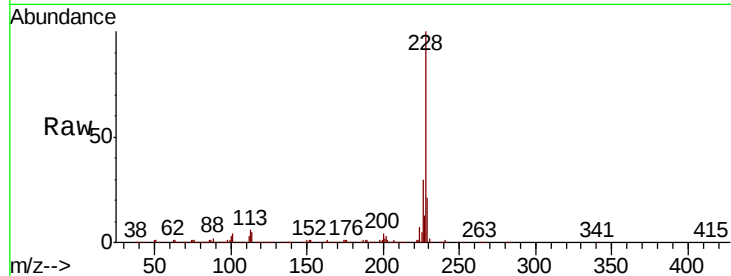
ClientSampleId :

8-(8-10)MS

Tot Ion:	228	Resp:	608285
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.1	37.7
229	21.3	17.0	25.4

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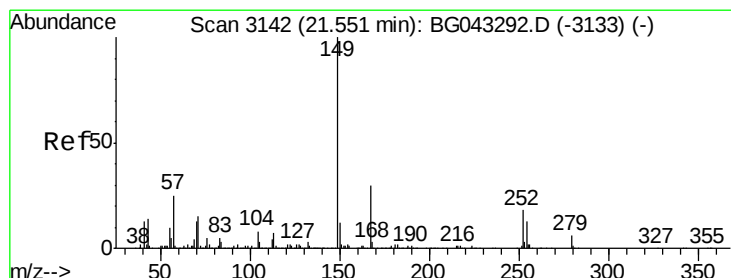
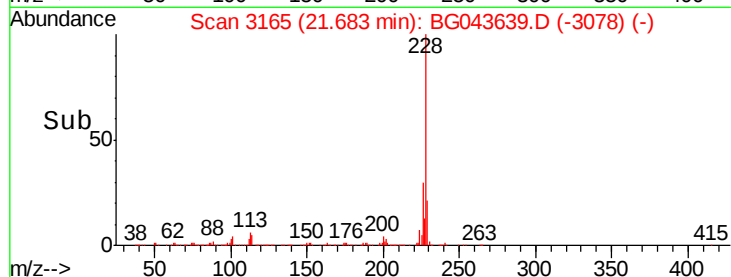
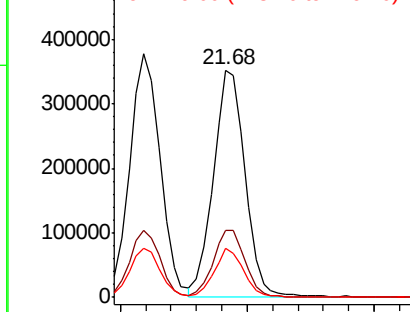


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.518 ng

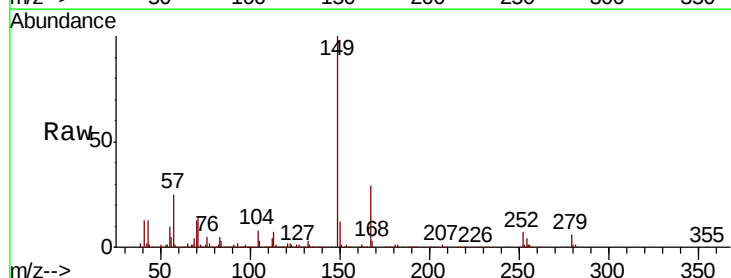
RT: 21.52 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	149	Resp:	339284
Ion Ratio	Lower	Upper	
149	100		
167	29.4	24.0	36.0
279	6.0	5.4	8.2

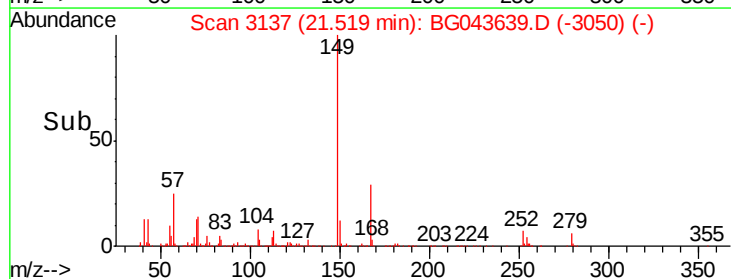
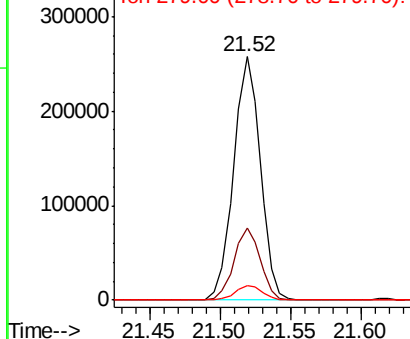


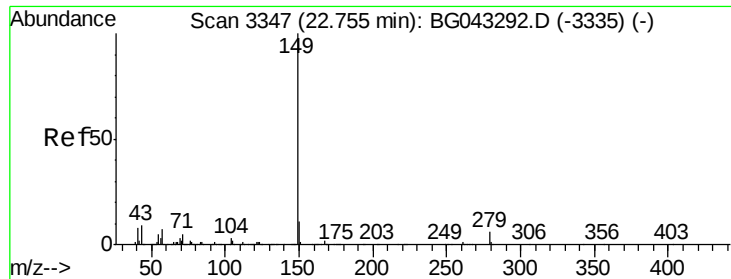
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.488 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.03 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

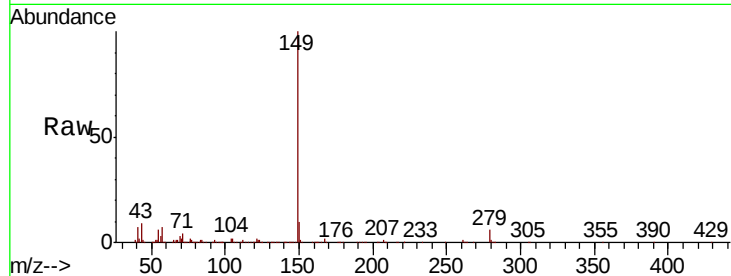
ClientSampleId :

8-(8-10)MS

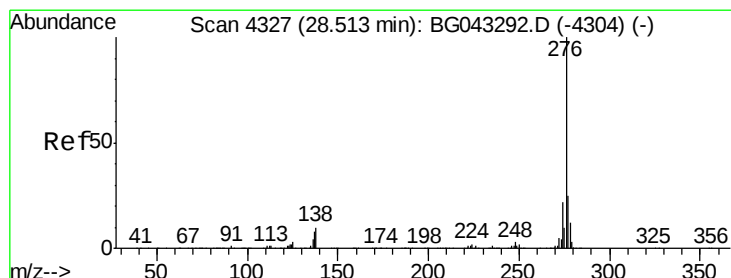
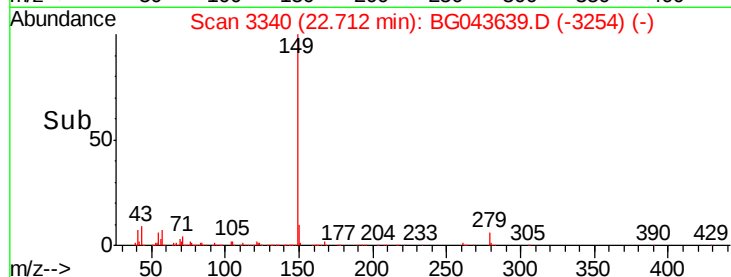
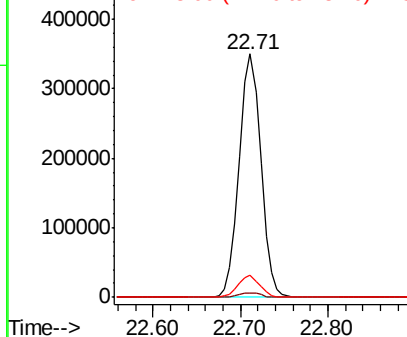
Tot Ion:	149	Resp:	586899
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.2
43	8.8	7.0	10.6

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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: 50.333 ng

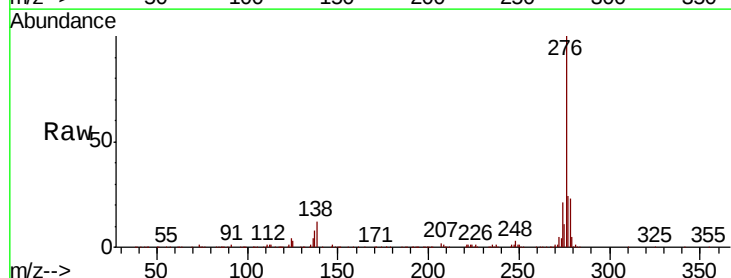
RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

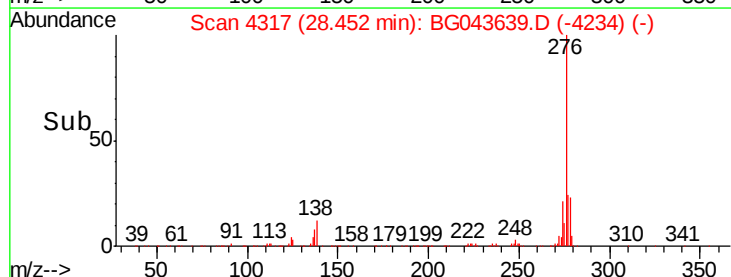
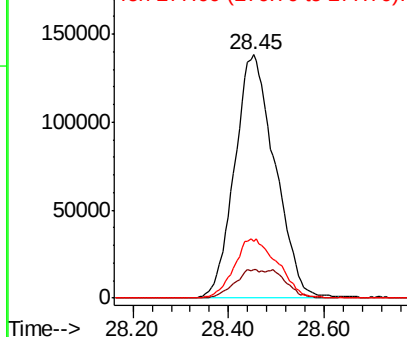
Lab File: BG043639.D

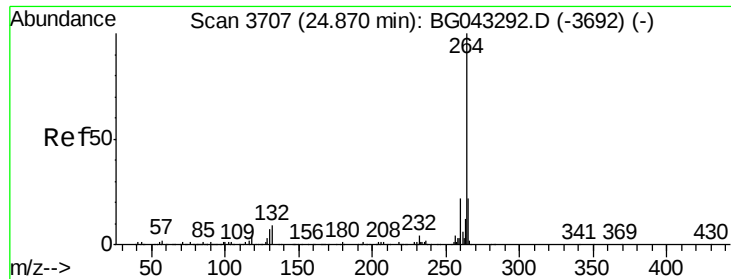
Acq: 14 Nov 2019 18:30

Tgt Ion:	276	Resp:	808777
Ion Ratio	Lower	Upper	
276	100		
138	8.4	6.8	10.2
277	26.1	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: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

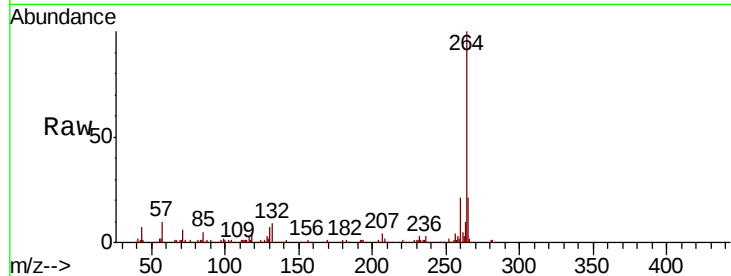
ClientSampleId :

8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.5	26.3
265	21.2	17.4	26.0

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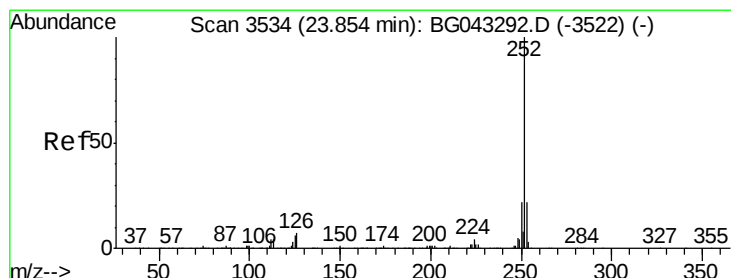
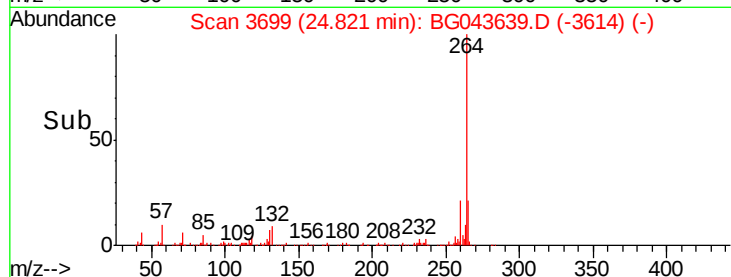
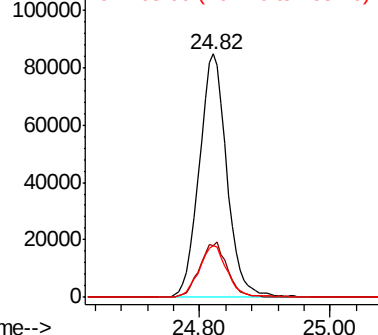


Abundance

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: 47.893 ng

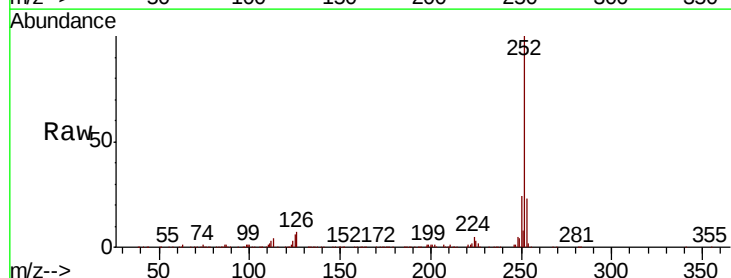
RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	5.6	4.5	6.7

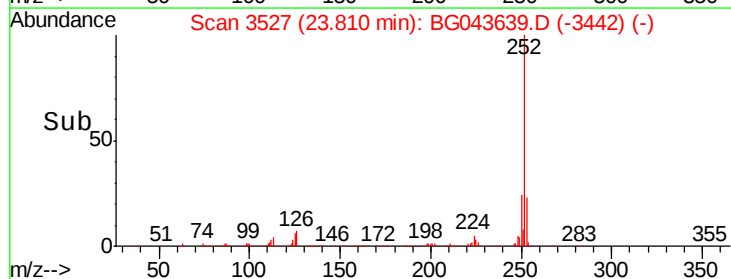
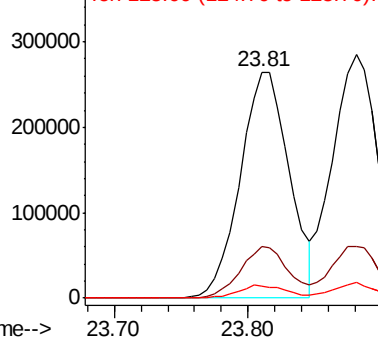


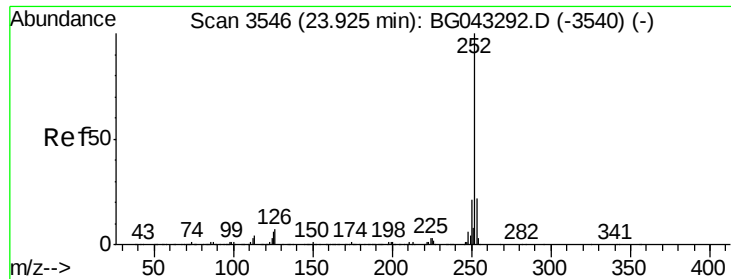
Abundance

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: 48.207 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Instrument :

BNA_G

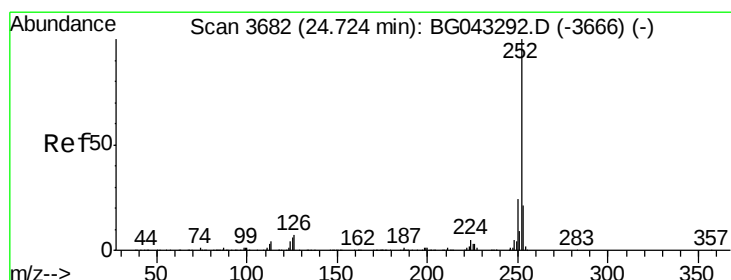
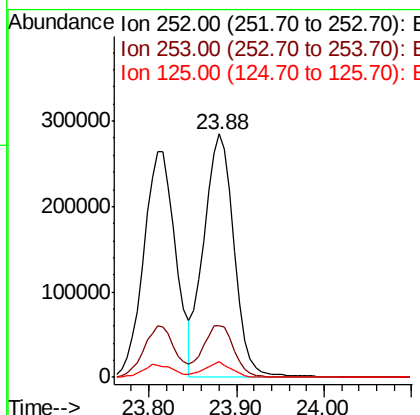
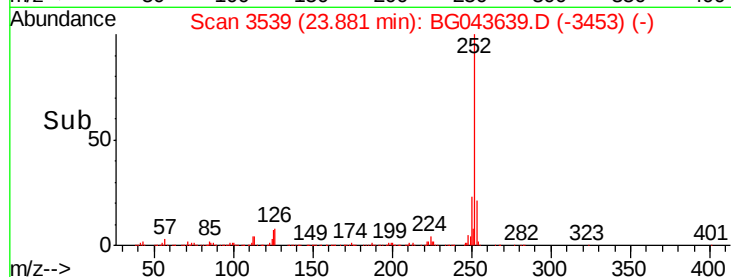
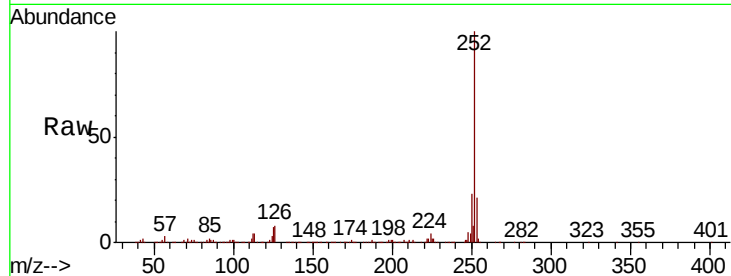
ClientSampleId :

8-(8-10)MS

Tot Ion:	252	Resp:	682467
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.3	25.9
125	6.6	4.6	6.8

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#90

Benzo(a)pyrene

Concen: 46.531 ng

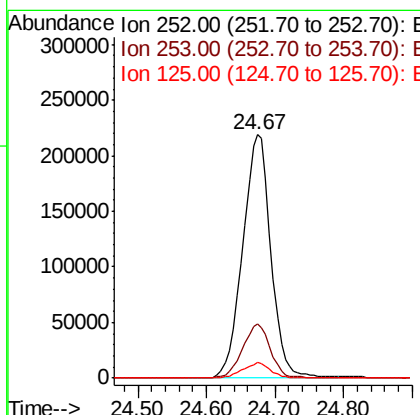
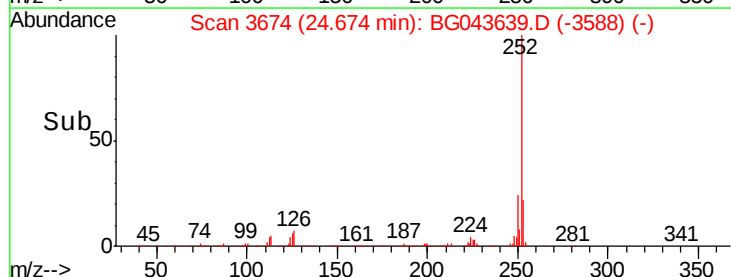
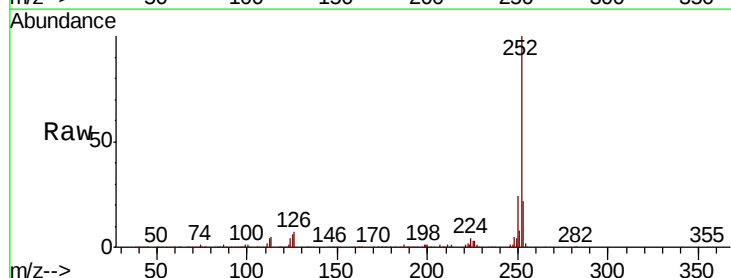
RT: 24.67 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG043639.D

Acq: 14 Nov 2019 18:30

Tgt Ion:	252	Resp:	624863
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	6.4	5.4	8.2





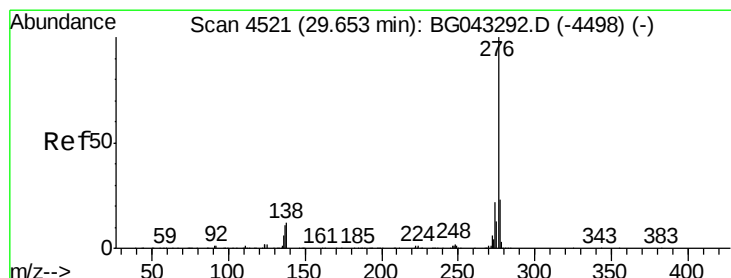
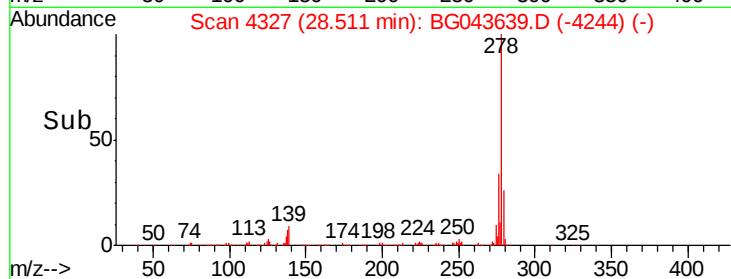
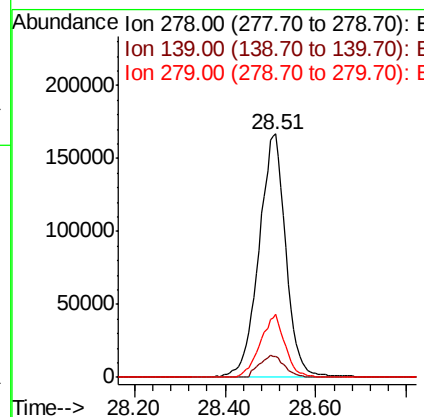
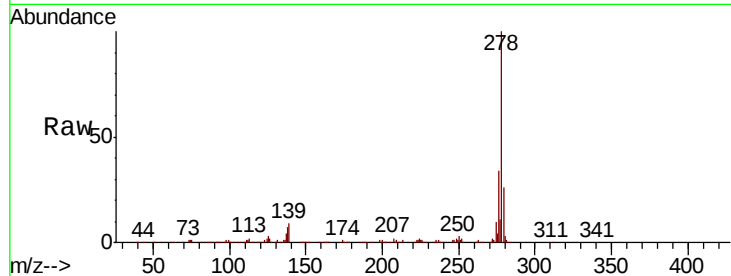
#91
Dibenzo(a,h)anthracene
Concen: 49.953 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.04 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.4	11.0
279	25.8	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 50.460 ng
RT: 29.59 min Scan# 4511
Delta R.T. -0.04 min
Lab File: BG043639.D
Acq: 14 Nov 2019 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.9	28.3
138	11.2	8.9	13.3

