

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039108.D
 Acq On : 12 Jan 2019 7:51
 Operator : JU/SJ
 Sample : K1011-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:31:27 PM

Quant Time: Jan 14 10:24:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28410	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	127199	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	101957	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	214622	20.00	ng	0.00
76) Chrysene-d12	21.69	240	207724	20.00	ng	-0.01
87) Perylene-d12	24.96	264	222485	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	227506	151.91	ng	0.00
7) Phenol-d6	7.19	99	295143	136.94	ng	0.00
23) Nitrobenzene-d5	9.20	82	211141	90.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	207482	121.40	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	599123	80.42	ng	0.00
79) Terphenyl-d14	20.02	244	1080104	96.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	21552	36.748	ng	# 8
3) Pyridine	3.87	79	63100	39.596	ng	88
4) n-Nitrosodimethylamine	3.78	42	34427	48.008	ng	# 85
6) Aniline	7.36	93	76012	29.366	ng	96
8) 2-Chlorophenol	7.59	128	94507	53.533	ng	97
9) Benzaldehyde	7.17	77	27924	22.466	ng	99
10) Phenol	7.21	94	105028	48.605	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	82996	50.254	ng	97
12) 1,3-Dichlorobenzene	7.91	146	92209	43.594	ng	99
13) 1,4-Dichlorobenzene	8.06	146	92398	43.133	ng	98
14) 1,2-Dichlorobenzene	8.38	146	89602	43.869	ng	96
15) Benzyl Alcohol	8.27	79	90463	55.734	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	139970	44.199	ng	100
17) 2-Methylphenol	8.47	107	80164	53.427	ng	96
18) Hexachloroethane	9.10	117	31940	43.887	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	78979	55.802	ng	# 88
20) 3+4-Methylphenols	8.80	107	124096	58.009	ng	98
22) Acetophenone	8.85	105	157989	47.561	ng	# 96
24) Nitrobenzene	9.25	77	109592	46.643	ng	100
25) Isophorone	9.76	82	228107	56.967	ng	97
26) 2-Nitrophenol	9.95	139	57852	45.521	ng	98
27) 2,4-Dimethylphenol	10.01	122	103491	57.882	ng	93
28) bis(2-Chloroethoxy)methane	10.24	93	136860	56.870	ng	98
29) 2,4-Dichlorophenol	10.49	162	114884	51.720	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	121326	45.459	ng	97
31) Naphthalene	10.89	128	309470	48.509	ng	99
32) Benzoic acid	10.18	122	38305	37.425	ng	95
33) 4-Chloroaniline	11.02	127	19316	6.767	ng	98
34) Hexachlorobutadiene	11.15	225	71820	39.109	ng	98
35) Caprolactam	11.80	113	26981m	30.291	ng	
36) 4-Chloro-3-methylphenol	12.13	107	121651	51.205	ng	91
37) 2-Methylnaphthalene	12.50	142	262200	54.819	ng	100
38) 1-Methylnaphthalene	12.71	142	233977	50.965	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	168365	43.970	ng	98

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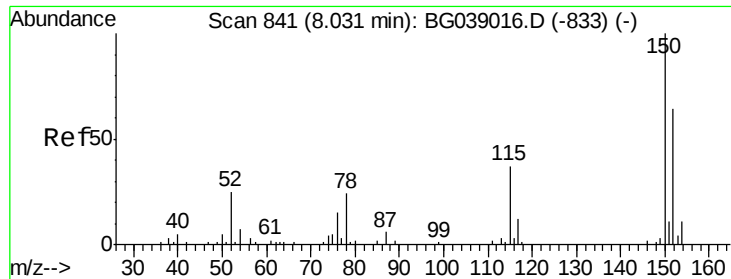
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	155812	72.806	nq	100
43) 2,4,6-Trichlorophenol	13.10	196	108594	45.061	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	115297	45.266	nq	99
46) 1,1'-Biphenyl	13.50	154	330681	40.932	nq	99
47) 2-Chloronaphthalene	13.55	162	274771	42.029	nq	99
48) 2-Nitroaniline	13.77	65	80234	43.807	nq	93
49) Acenaphthylene	14.39	152	458159	46.625	nq	99
50) Dimethylphthalate	14.12	163	393389	45.659	nq	100
51) 2,6-Dinitrotoluene	14.25	165	84639	43.939	nq	97
52) Acenaphthene	14.73	154	280738	47.551	nq	97
53) 3-Nitroaniline	14.59	138	34986	17.904	nq	95
54) 2,4-Dinitrophenol	14.80	184	60055	54.022	nq	92
55) Dibenzofuran	15.06	168	441818	42.372	nq	99
56) 4-Nitrophenol	14.90	139	104244	74.142	nq	94
57) 2,4-Dinitrotoluene	15.04	165	118660	42.937	nq	96
58) Fluorene	15.72	166	367037	46.764	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107577	44.742	nq	99
60) Diethylphthalate	15.47	149	380292	42.840	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	209048	42.277	nq	97
62) 4-Nitroaniline	15.76	138	80909	39.746	nq	95
63) Azobenzene	15.99	77	303807	43.764	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	56175	35.329	nq	93
66) n-Nitrosodiphenylamine	15.92	169	324521	51.006	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	135753	49.206	nq	94
68) Hexachlorobenzene	16.71	284	142176	47.228	nq	98
69) Atrazine	16.86	200	126943	46.966	nq	98
70) Pentachlorophenol	17.06	266	116933	64.109	nq	94
71) Phenanthrene	17.46	178	574041	50.602	nq	99
72) Anthracene	17.55	178	626949	55.896	nq	99
73) Carbazole	17.83	167	487874	44.061	nq	99
74) Di-n-butylphthalate	18.35	149	578031	46.926	nq	99
75) Fluoranthene	19.47	202	651543	46.329	nq	98
77) Benzidine	19.65	184	95603	15.047	nq	98
78) Pyrene	19.83	202	658047	49.709	nq	99
80) Butylbenzylphthalate	20.70	149	286524	56.908	nq	100
81) Benzo(a)anthracene	21.67	228	666449	52.704	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	126192	24.493	nq	97
83) Chrysene	21.74	228	623282	51.825	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	392156	56.094	nq	96
85) Di-n-octyl phthalate	22.75	149	610191	51.618	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	723458	50.342	nq	100
88) Benzo(b)fluoranthene	23.92	252	642560	52.378	nq	99
89) Benzo(k)fluoranthene	23.99	252	604948	49.874	nq	96
90) Benzo(a)pyrene	24.81	252	634432	53.503	nq	99
91) Dibenzo(a,h)anthracene	28.78	278	601948	51.036	nq	100
92) Benzo(g,h,i)perylene	29.91	276	624607	53.493	nq #	95

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



#1

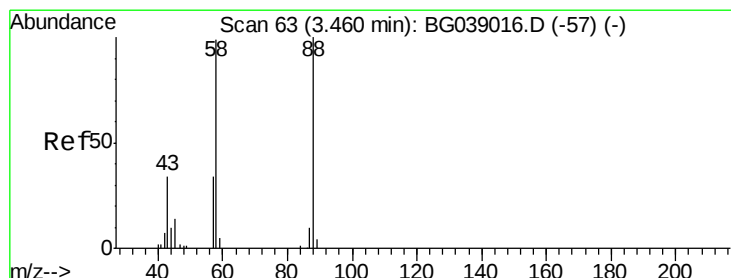
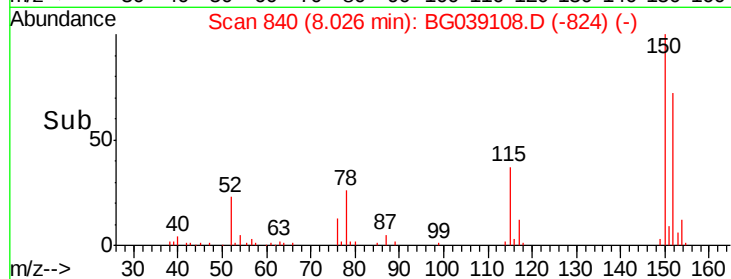
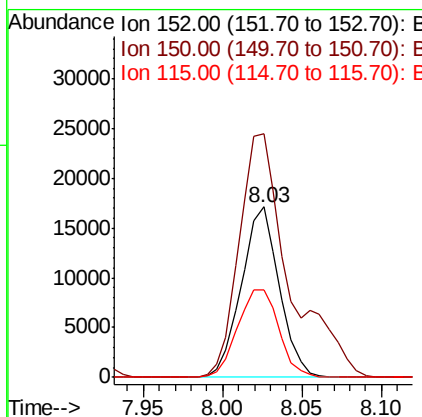
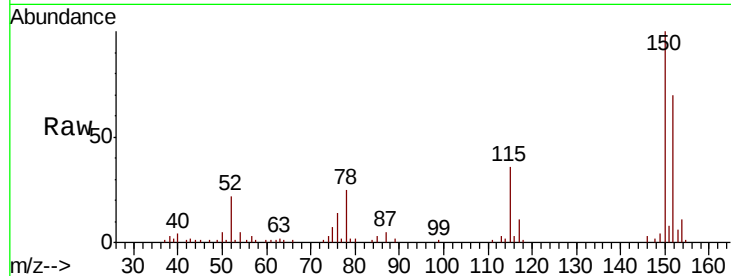
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.2	124.7	187.1
115	51.1	46.5	69.7

Manual Integrations
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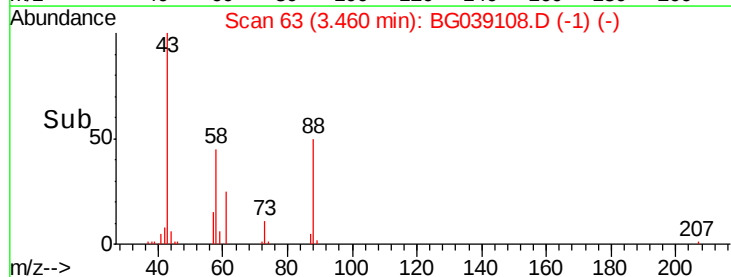
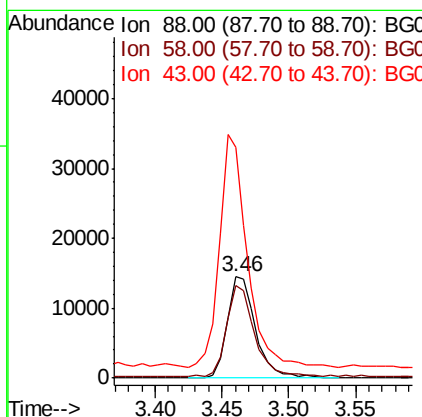
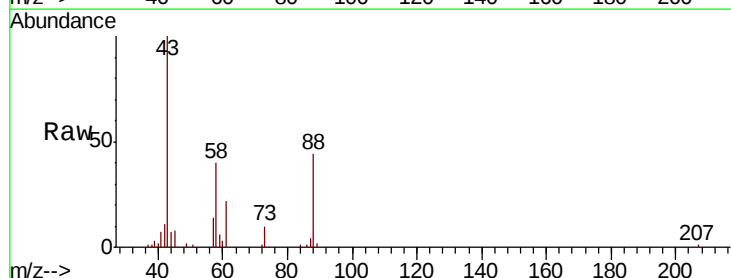
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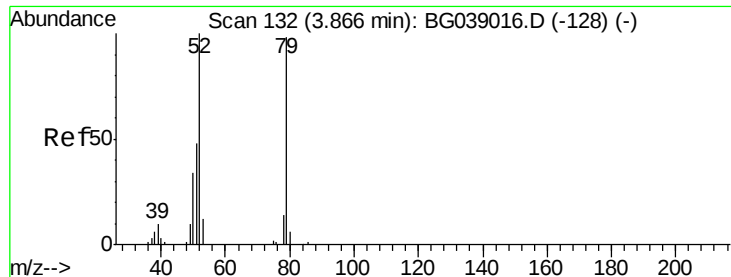


#2

1,4-Dioxane
Concen: 36.748 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	72.4	108.6
43	225.6	27.6	41.4#





#3

Pvridine

Concen: 39.596 ng

RT: 3.87 min Scan# 133

Delta R.T. 0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

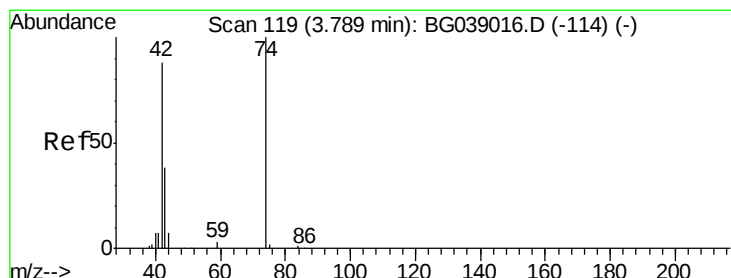
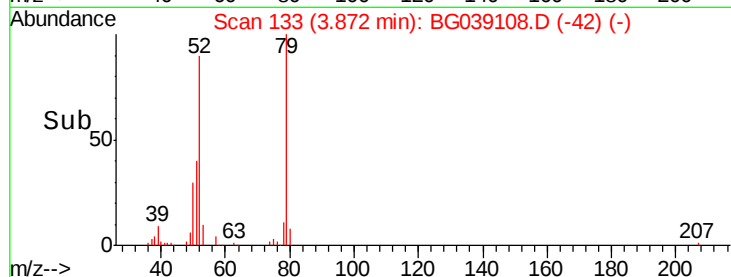
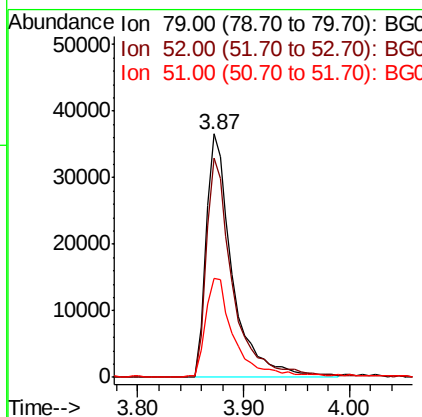
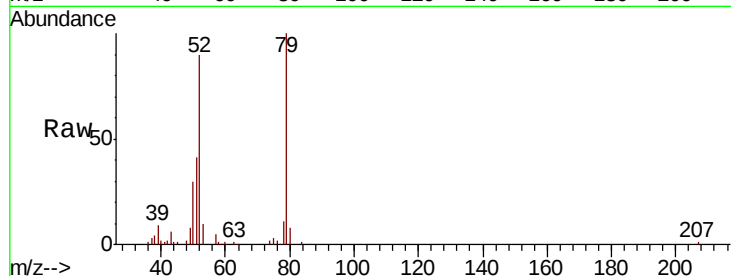
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	79	Resp:	63100
Ion Ratio	Lower	Upper	
79	100		
52	90.0	81.5	122.3
51	40.6	39.8	59.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.008 ng

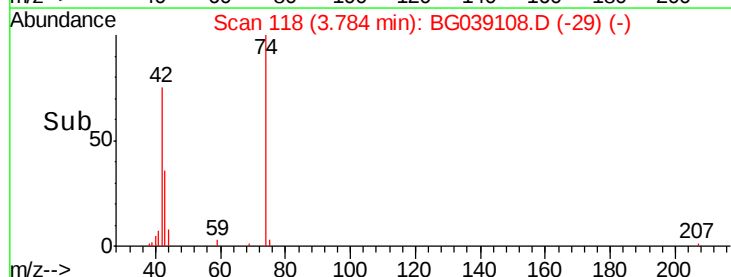
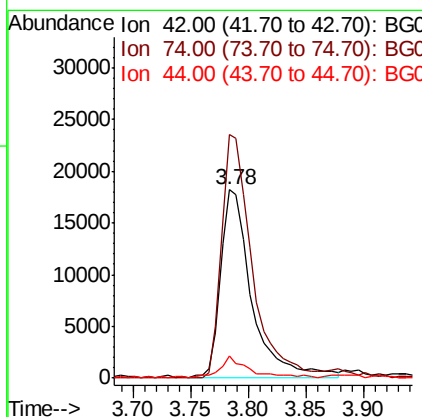
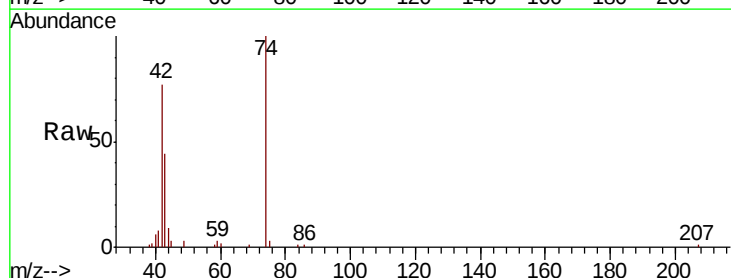
RT: 3.78 min Scan# 118

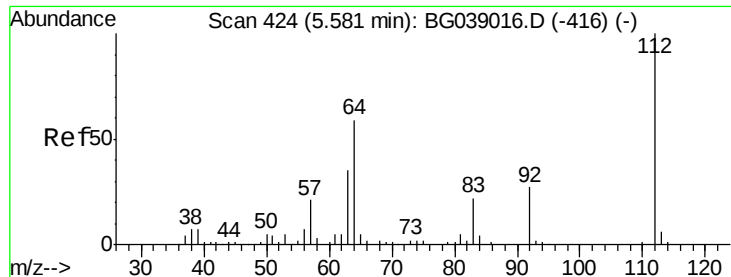
Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	42	Resp:	34427
Ion Ratio	Lower	Upper	
42	100		
74	129.4	90.7	136.1
44	11.5	6.5	9.7#





#5

2-Fluorophenol

Concen: 151.910 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

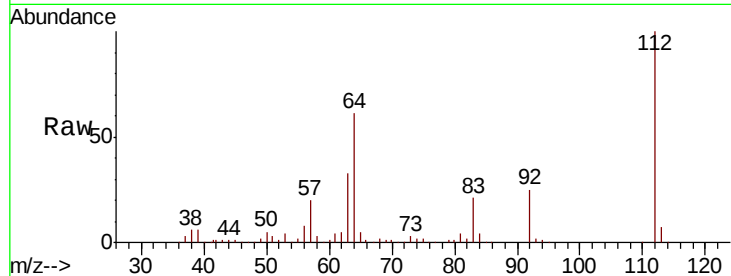
ClientSampleId :

OR-02-011019-AMSD

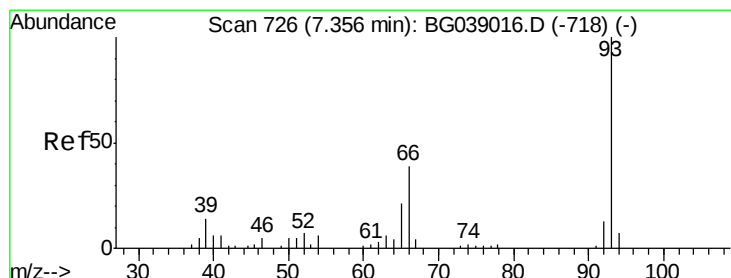
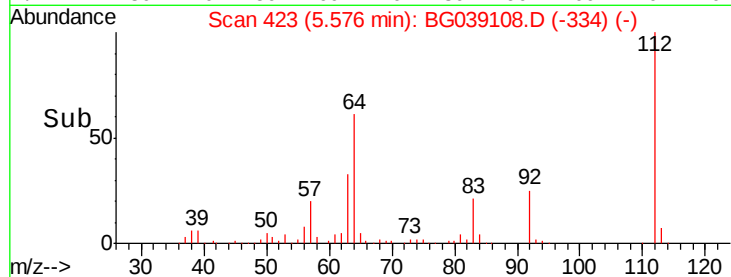
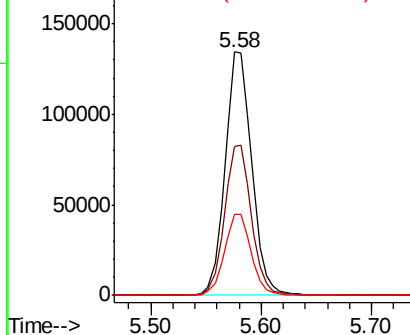
Tot Ion:	112	Resp:	227506
Ion Ratio	Lower	Upper	
112	100		
64	61.4	47.0	70.6
63	33.0	28.0	42.0

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



#6

Aniline

Concen: 29.366 ng

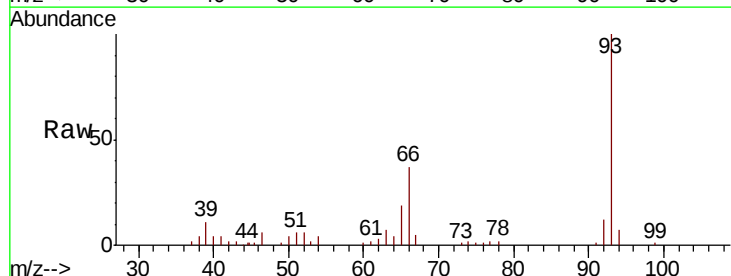
RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

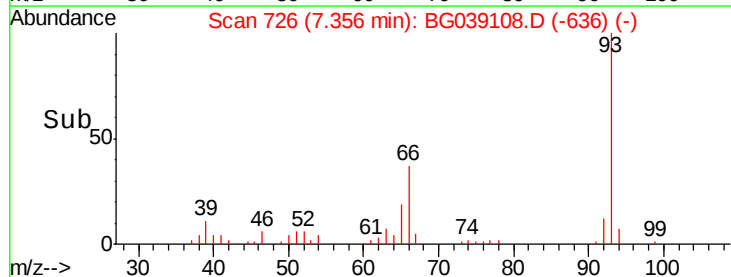
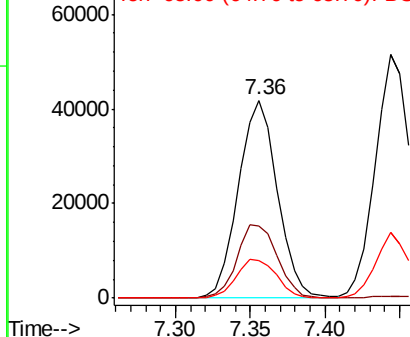
Lab File: BG039108.D

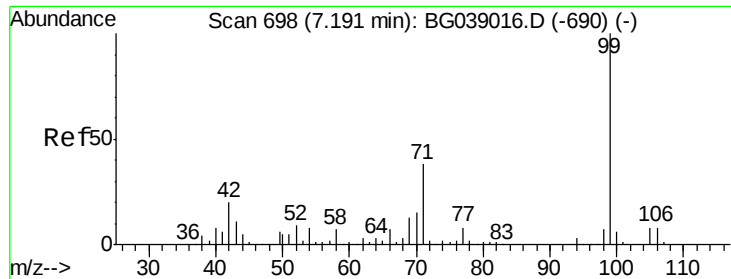
Acq: 12 Jan 2019 7:51

Tgt Ion:	93	Resp:	76012
Ion Ratio	Lower	Upper	
93	100		
66	36.7	30.9	46.3
65	19.3	17.0	25.4



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





#7

Phenol-d6

Concen: 136.938 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

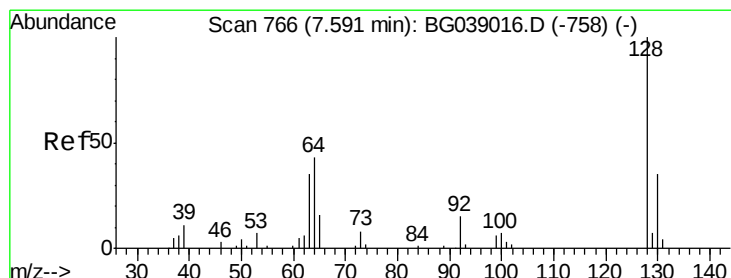
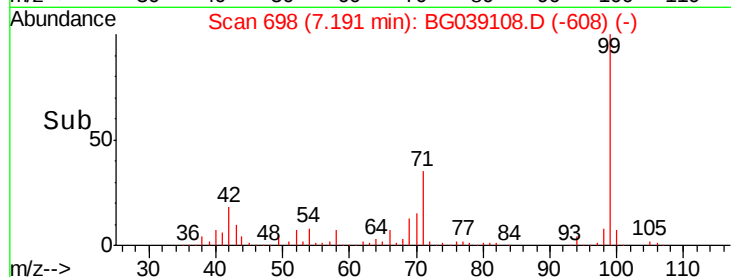
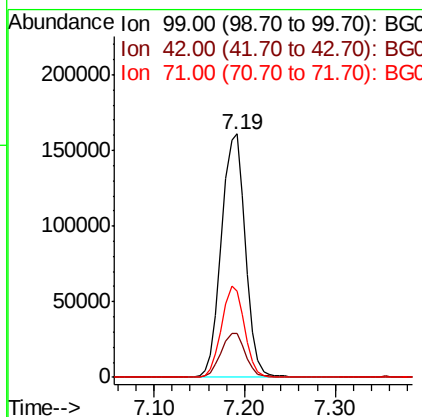
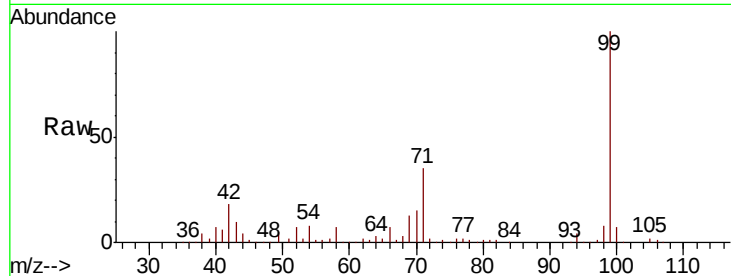
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	99	Resp:	295143
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.8	23.6
71	35.4	30.2	45.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 53.533 ng

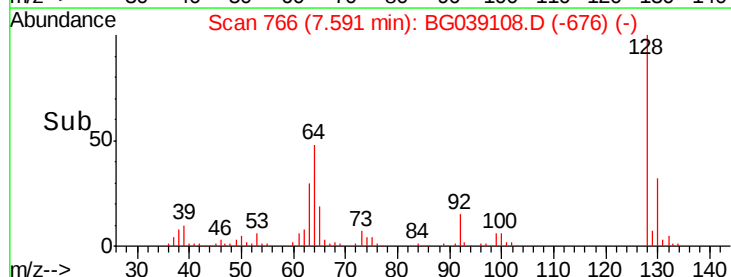
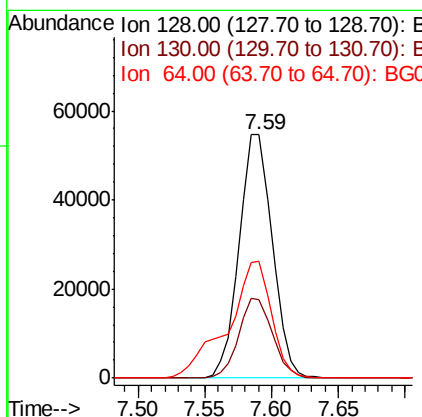
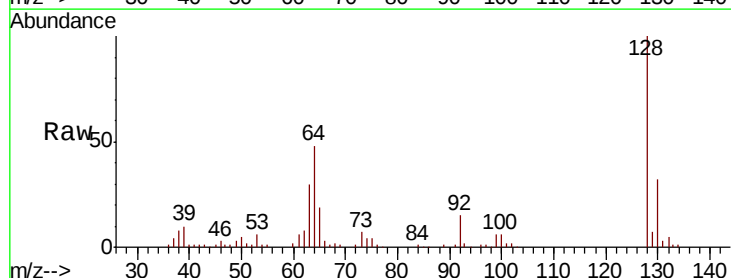
RT: 7.59 min Scan# 766

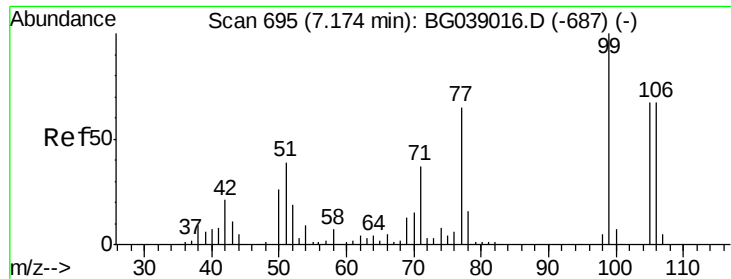
Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	128	Resp:	94507
Ion Ratio	Lower	Upper	
128	100		
130	32.1	14.5	54.5
64	48.3	27.3	67.3





#9

Benzaldehyde

Concen: 22.466 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

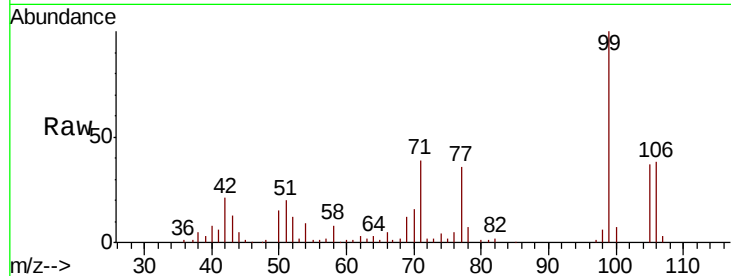
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	77	Resp:	27924
Ion	Ratio	Lower	Upper
77	100		
105	102.6	82.4	122.4
106	105.0	82.8	122.8

Manual Integrations
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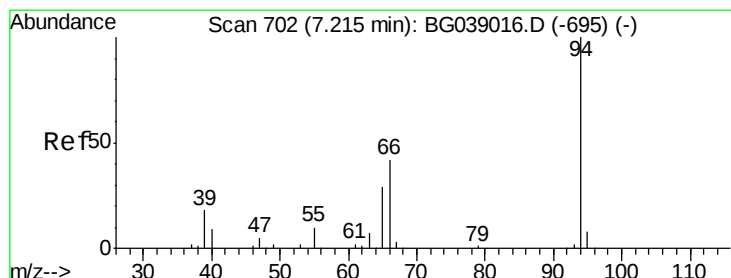
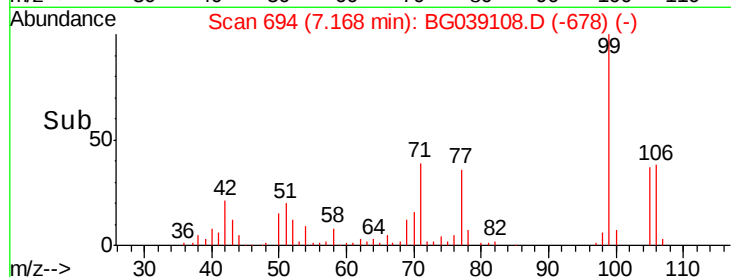
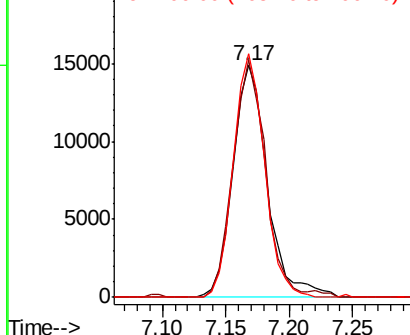


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.605 ng

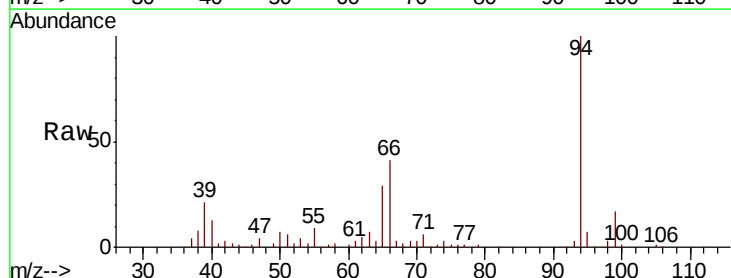
RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	94	Resp:	105028
Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.3	50.3
66	41.2	25.1	65.1

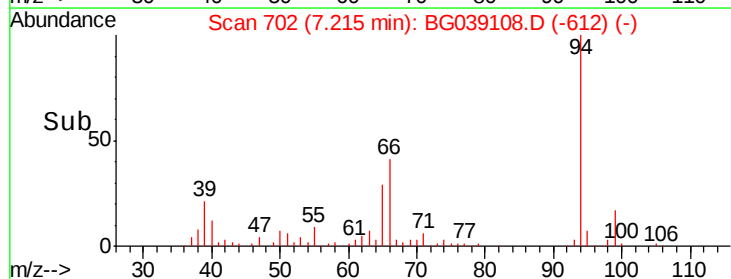
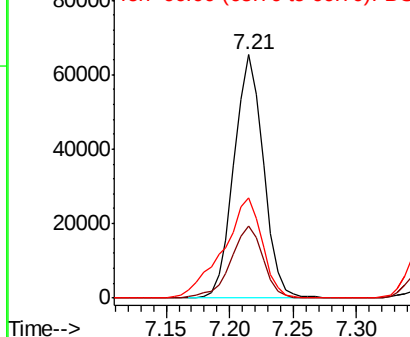


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





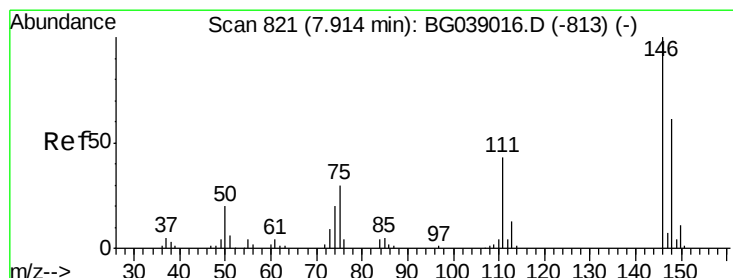
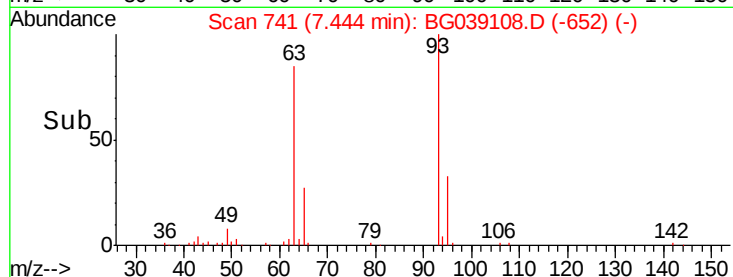
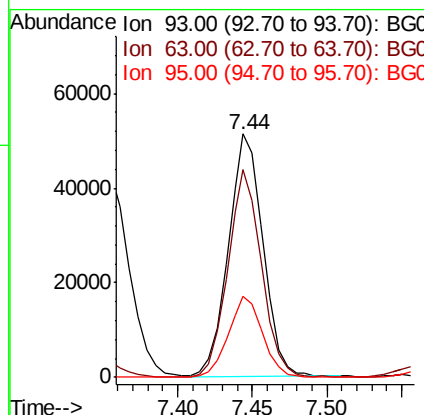
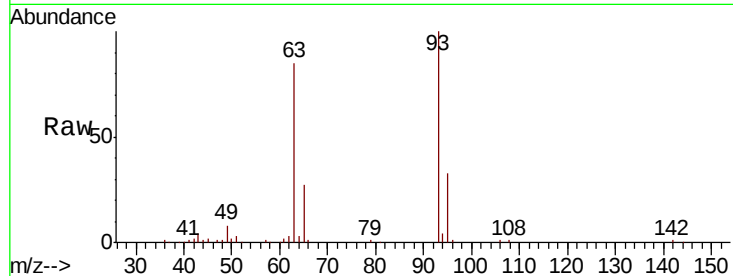
#11
bis(2-Chloroethyl)ether
Concen: 50.254 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.2	63.2	103.2
95	33.1	11.2	51.2

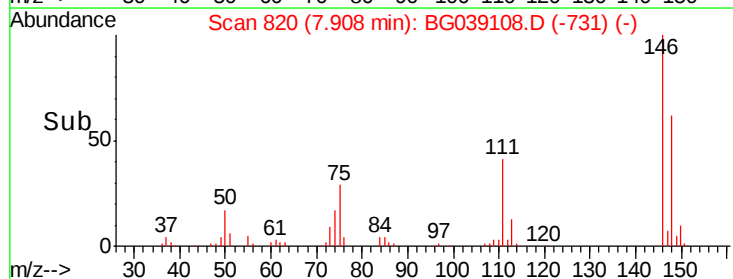
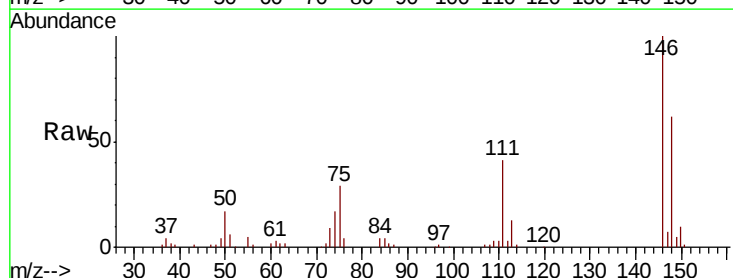
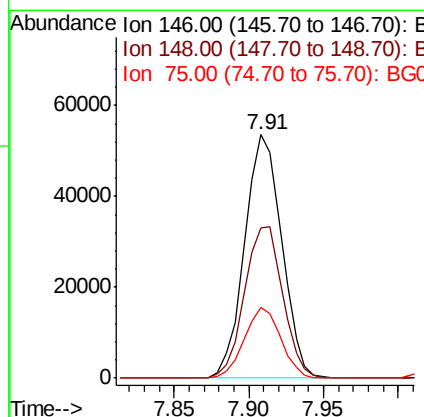
Manual Integrations
APPROVED

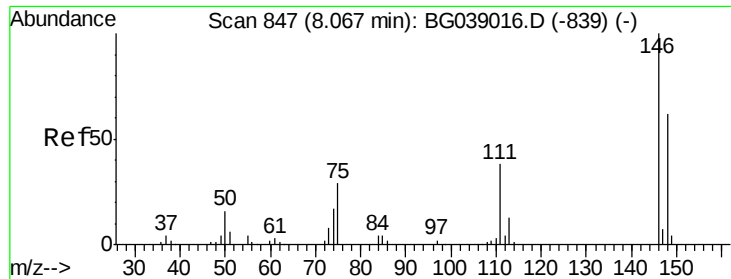
Sohil
1/14/2019 4:31:27 PM



#12
1,3-Dichlorobenzene
Concen: 43.594 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	49.1	73.7
75	29.0	23.9	35.9





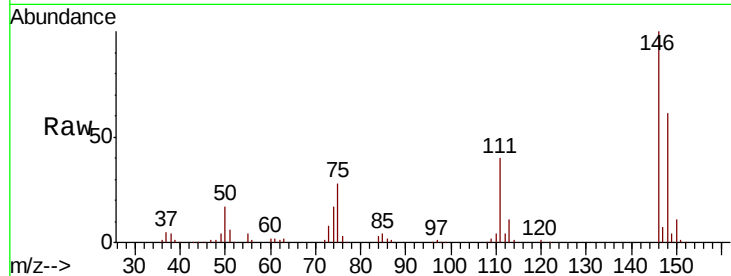
#13
 1,4-Dichlorobenzene
 Concen: 43.133 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.8	74.6
111	40.3	30.6	45.8

Manual Integrations
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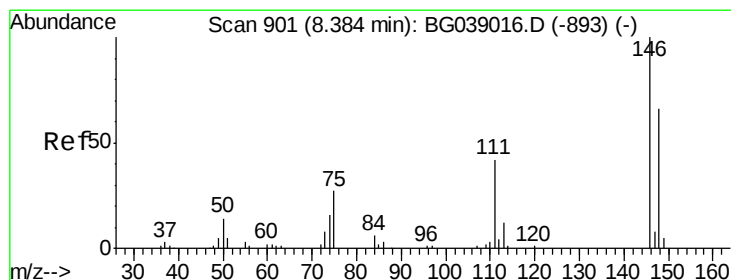
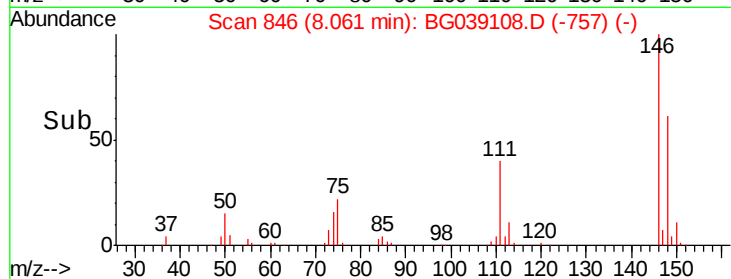
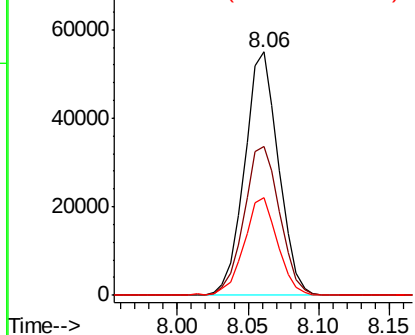


Abundance

Ion 146.00 (145.70 to 146.70): E

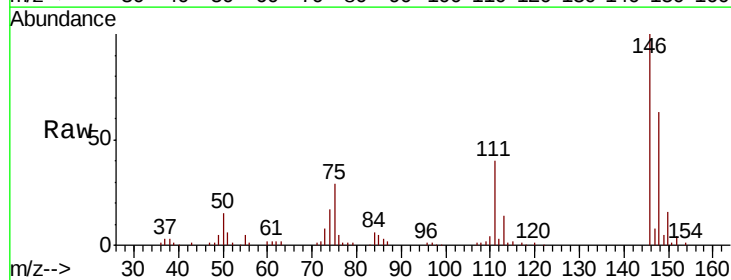
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.869 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
111	40.2	34.6	51.8

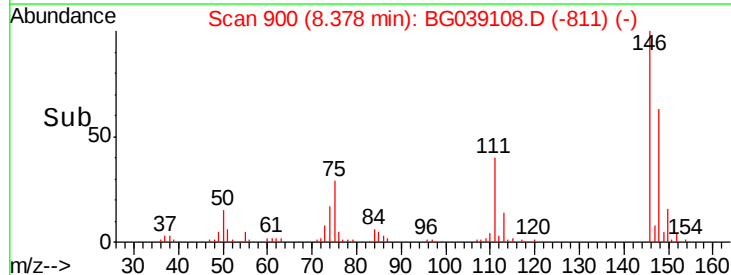
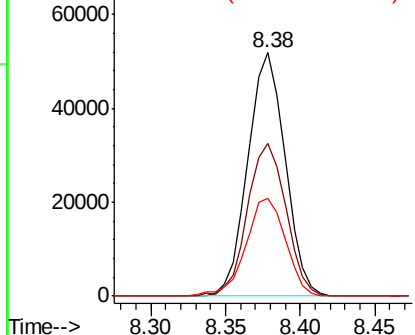


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.734 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

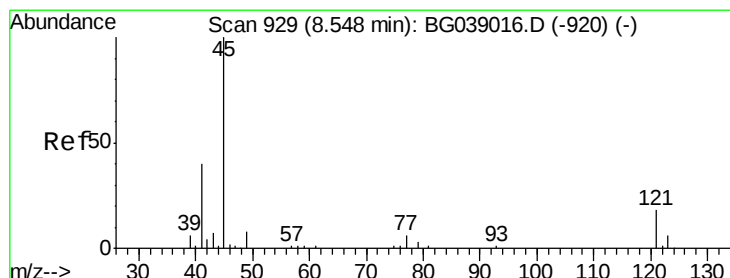
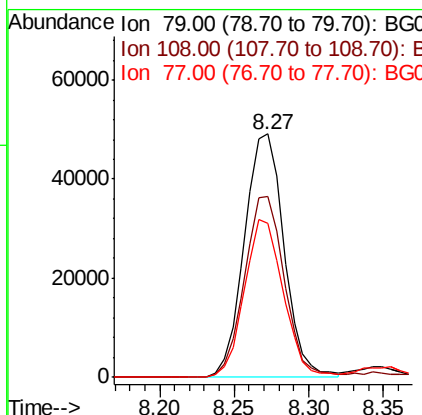
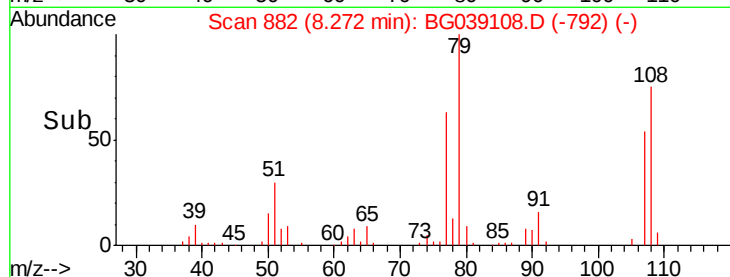
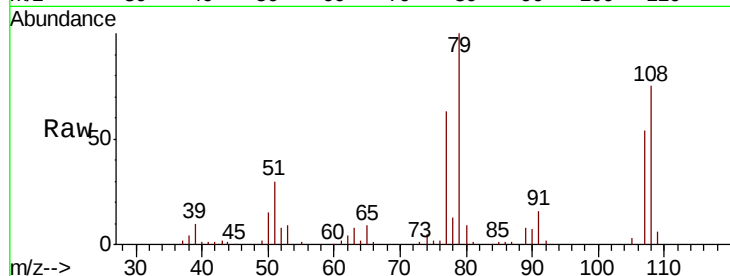
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	79	Resp:	90463
Ion Ratio	Lower	Upper	
79	100		
108	74.6	62.0	93.0
77	63.2	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.199 ng

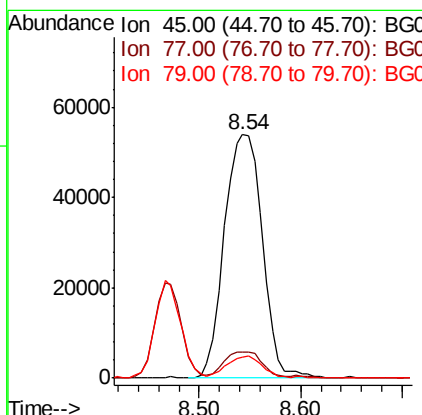
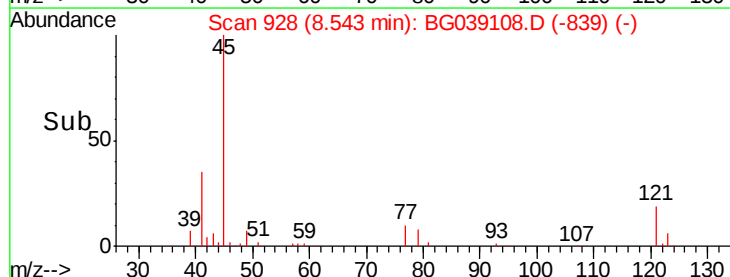
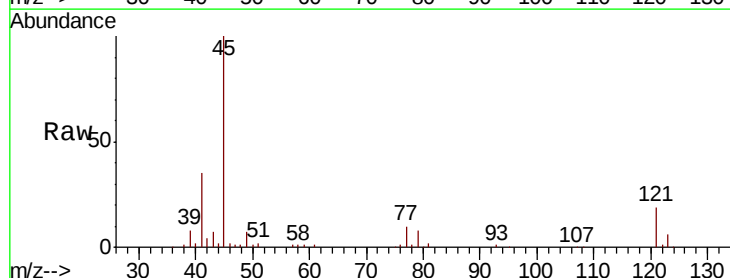
RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	45	Resp:	139970
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.7
79	8.4	0.0	28.5





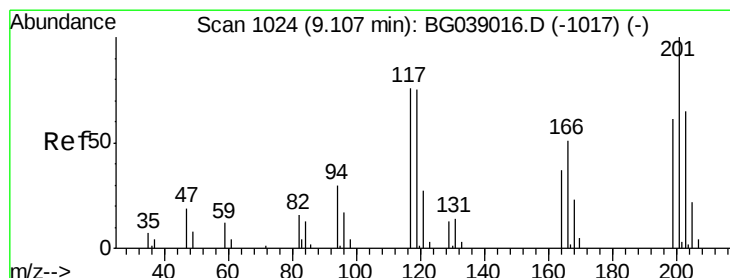
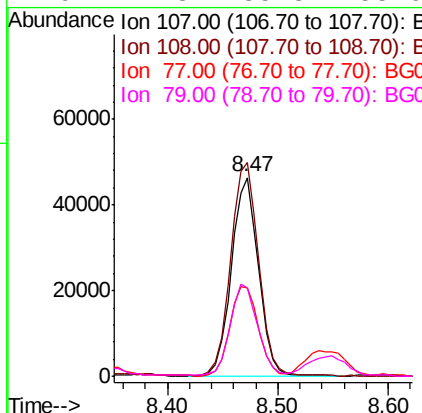
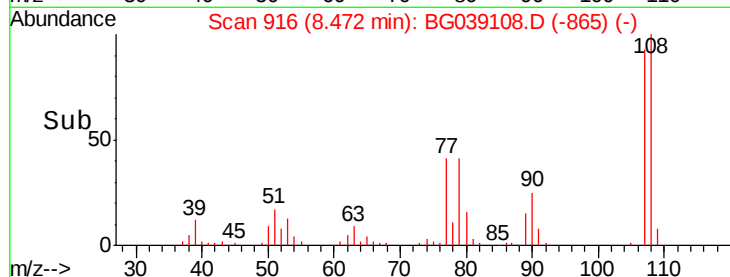
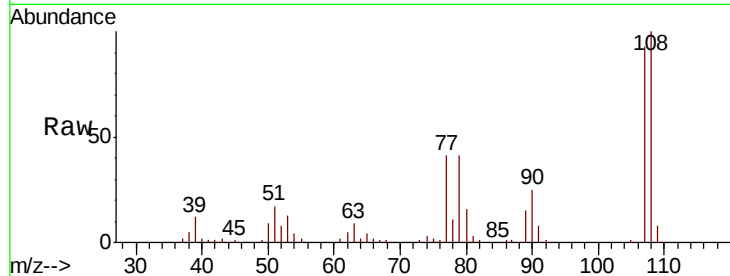
#17
2-Methylphenol
Concen: 53.427 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	80164	90.3	135.5
77	44.6		38.3	57.5
79	44.3		35.8	53.6

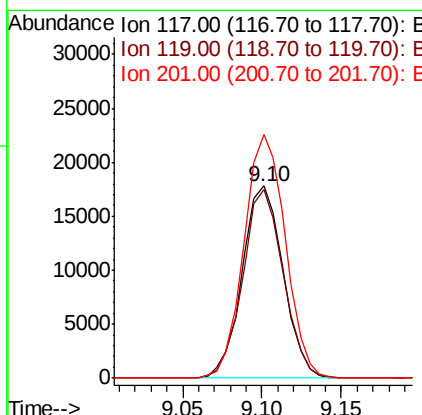
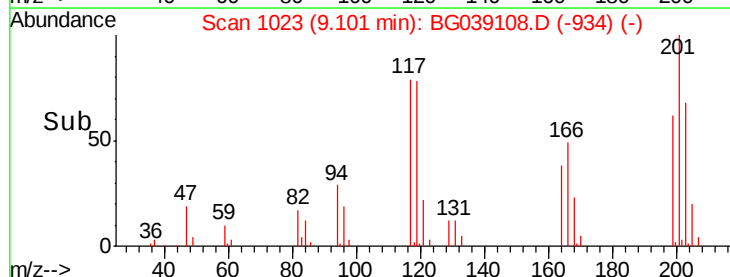
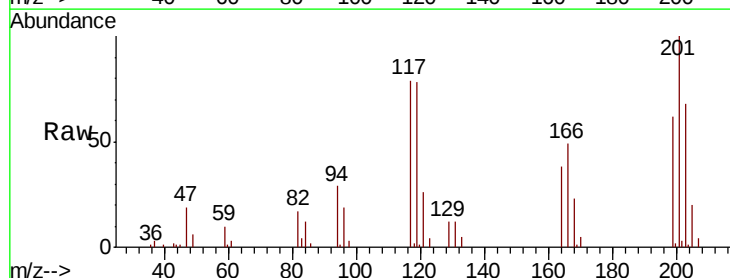
Manual Integrations
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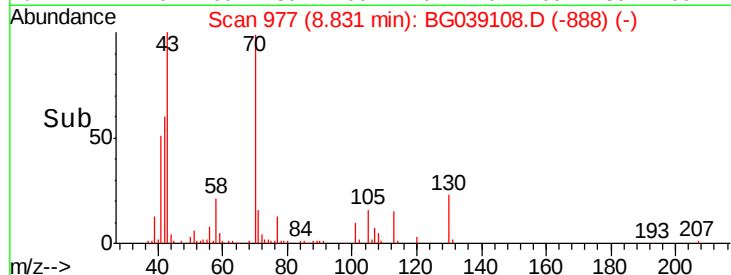
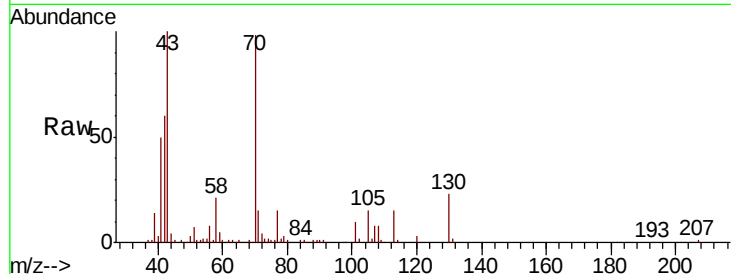
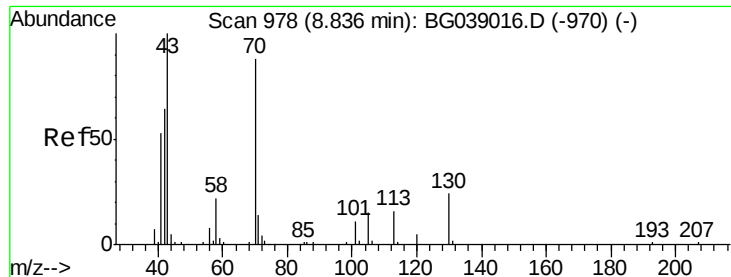
Sohil
1/14/2019 4:31:27 PM



#18
Hexachloroethane
Concen: 43.887 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	31940		
119	98.5		78.7	118.1
201	131.1		108.1	162.1





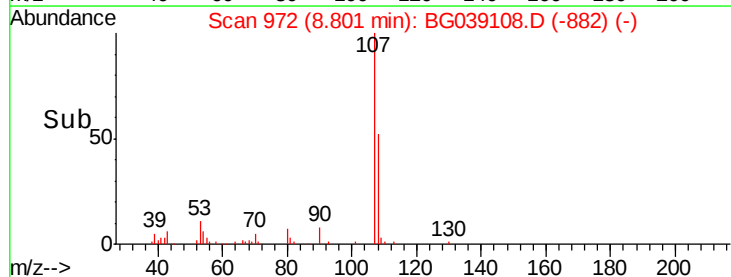
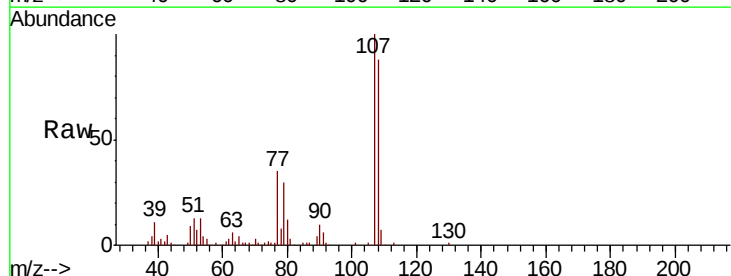
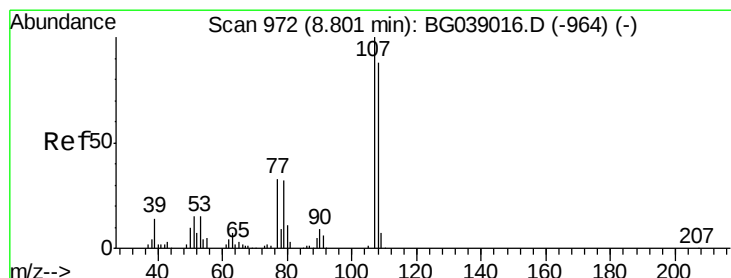
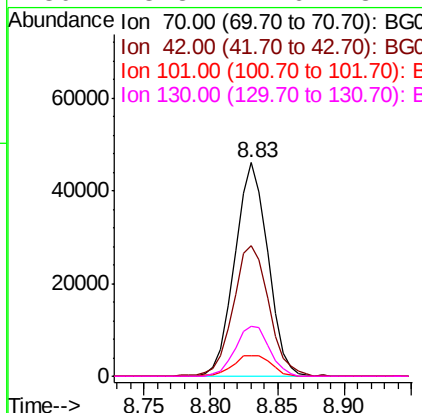
#19
n-Nitroso-di-n-propylamine
Concen: 55.802 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	59.0	88.4
101	9.8	10.4	15.6
130	23.3	21.6	32.4

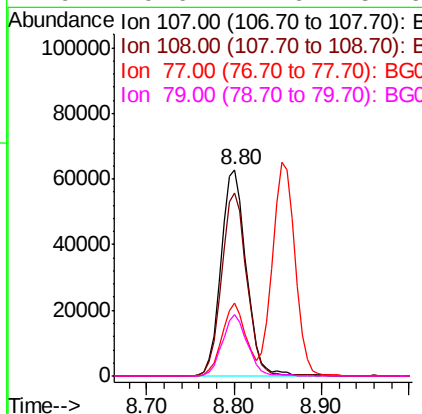
Manual Integrations
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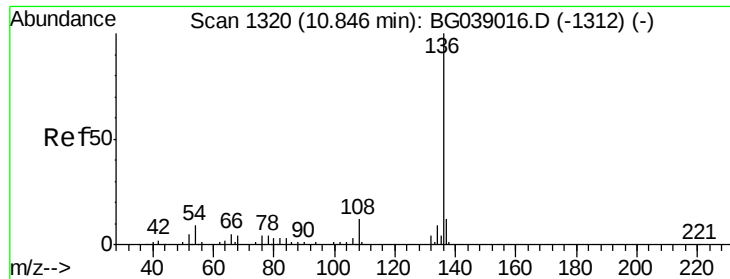
Sohil
1/14/2019 4:31:27 PM



#20
3+4-Methylphenols
Concen: 58.009 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	35.3	13.3	53.3
79	29.6	11.6	51.6





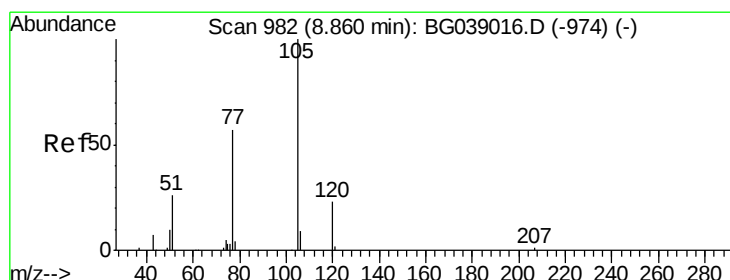
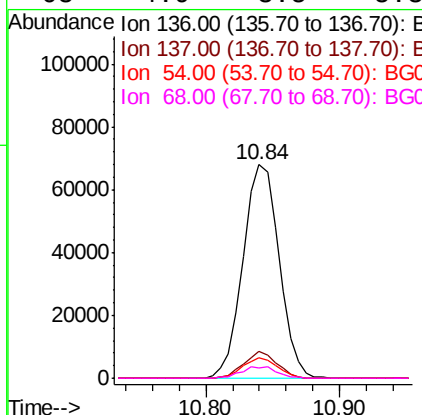
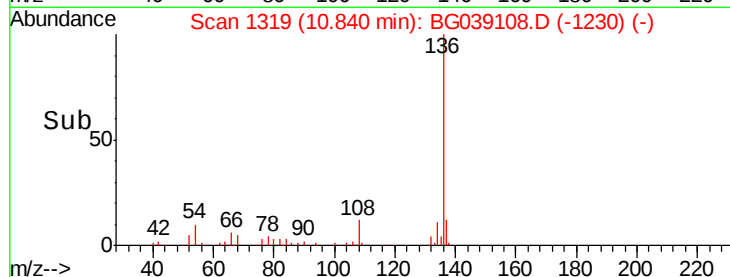
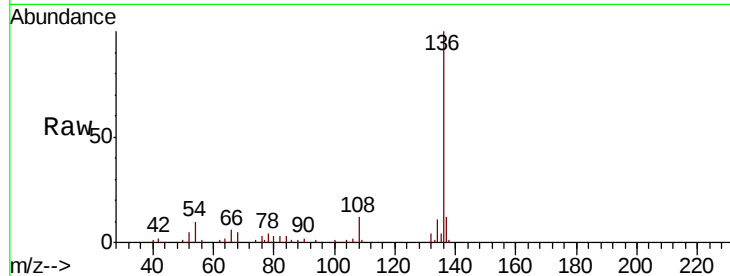
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	127199		
137	12.5		9.4	14.2
54	9.6		7.2	10.8
68	4.9		3.5	5.3

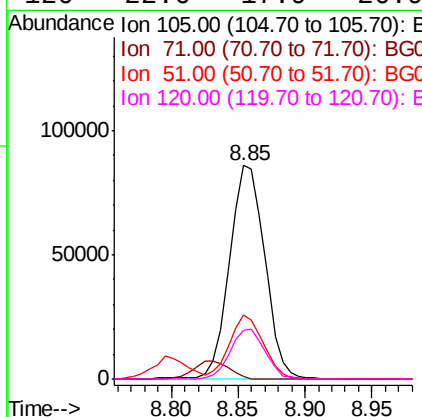
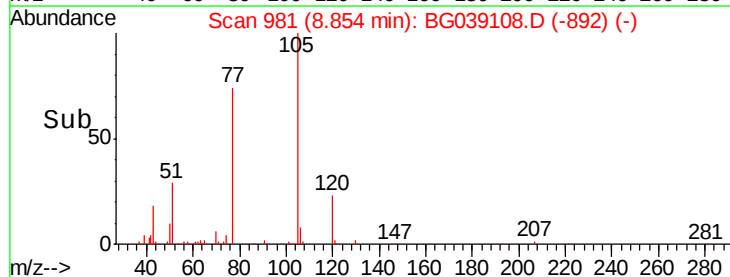
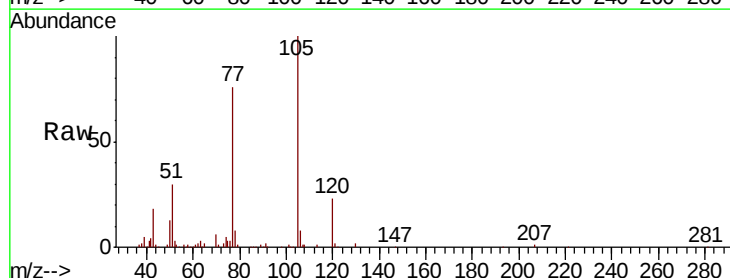
Manual Integrations
APPROVED

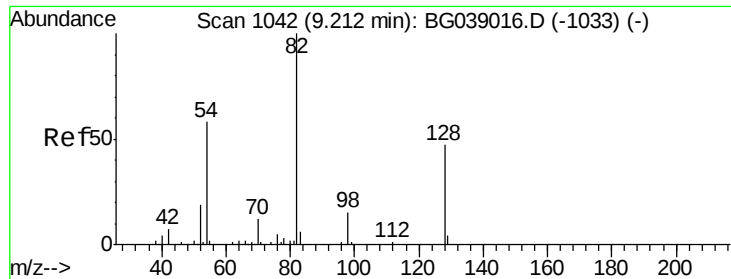
Sohil
1/14/2019 4:31:27 PM



#22
Acetophenone
Concen: 47.561 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157989		
71	1.1		0.6	1.0#
51	29.8		26.6	39.8
120	22.6		17.9	26.9





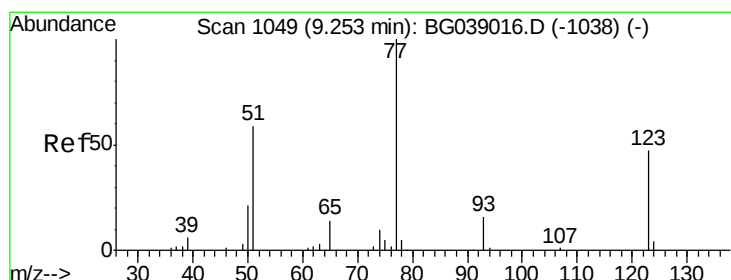
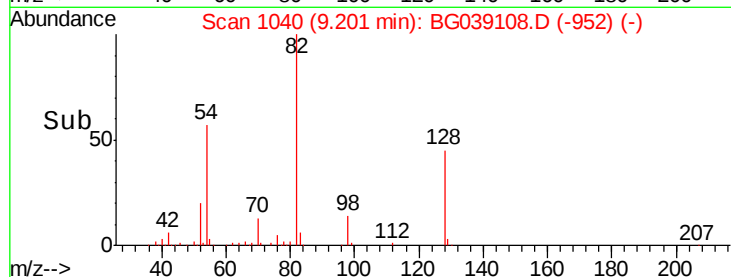
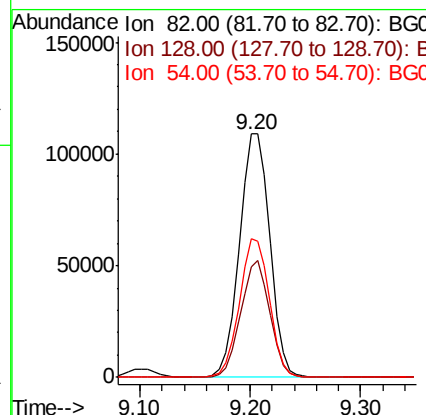
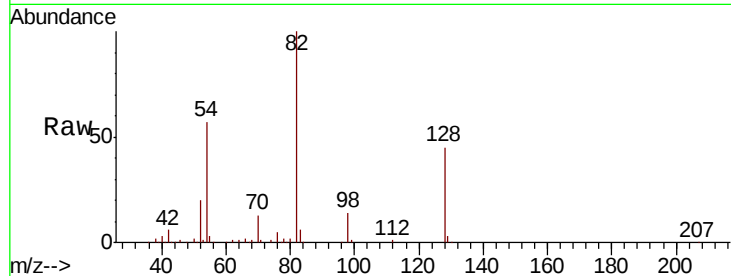
#23
 Nitrobenzene-d5
 Concen: 90.830 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	211141		
128	45.4	37.3	55.9	
54	56.7	46.4	69.6	

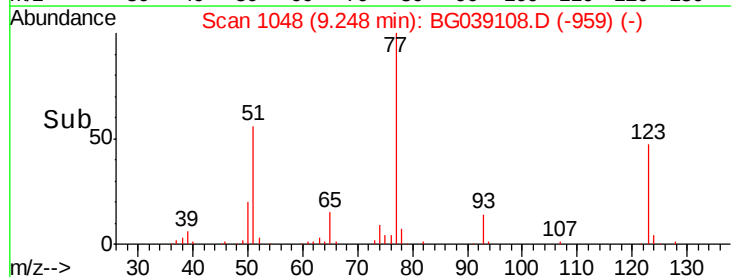
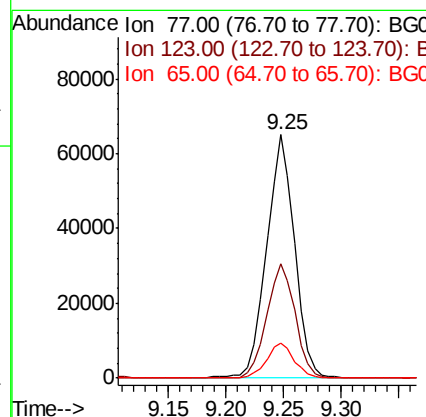
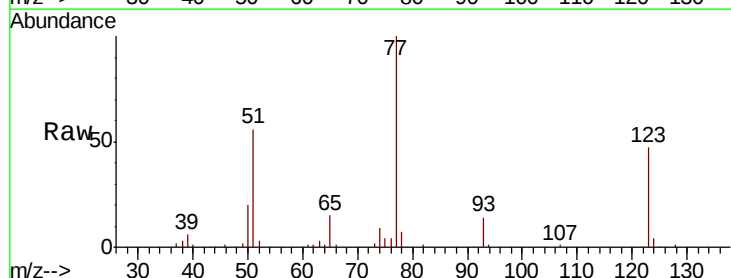
Manual Integrations
 APPROVED

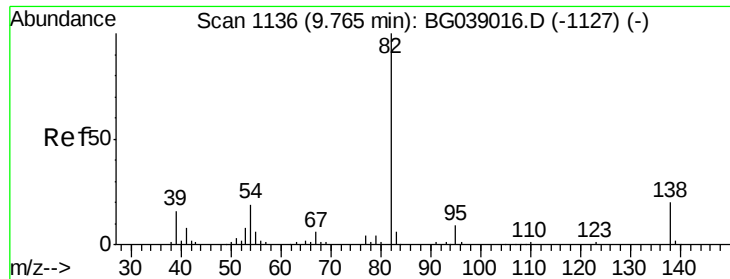
Sohil
 1/14/2019 4:31:27 PM



#24
 Nitrobenzene
 Concen: 46.643 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	109592		
123	47.1	37.6	56.4	
65	14.5	11.0	16.6	





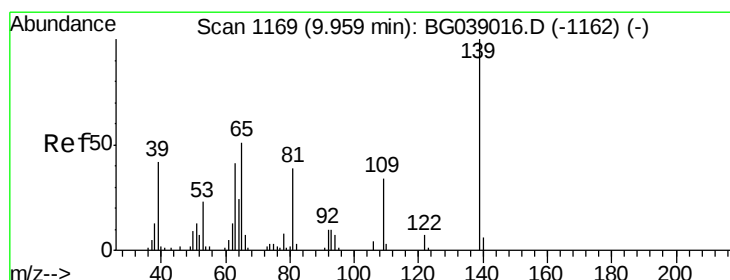
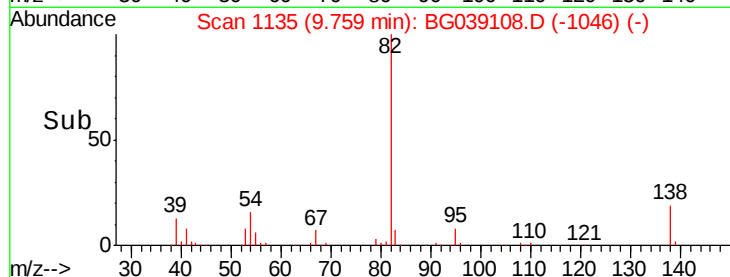
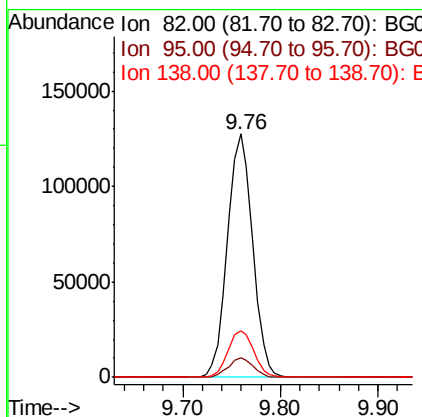
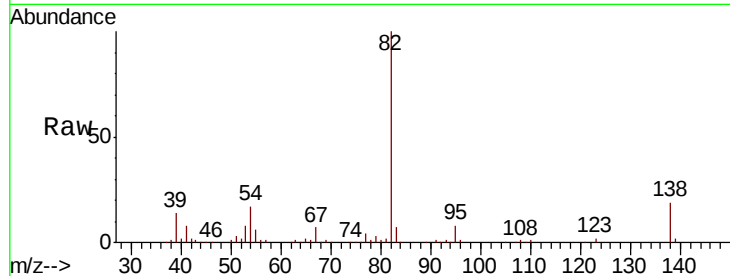
#25
Isophorone
Concen: 56.967 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	228107		
95	8.0		7.0	10.6
138	18.9		16.2	24.4

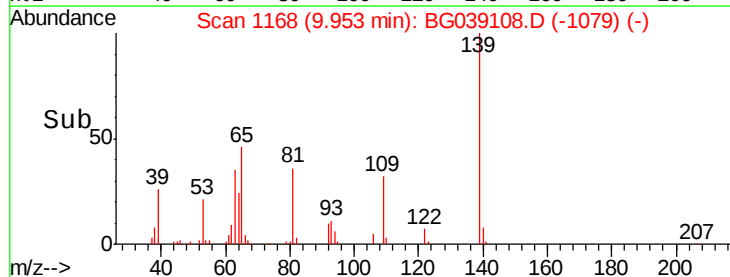
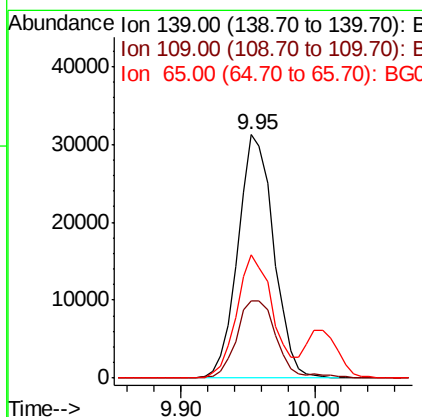
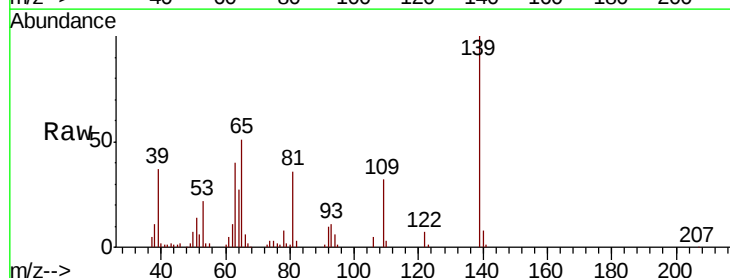
Manual Integrations
APPROVED

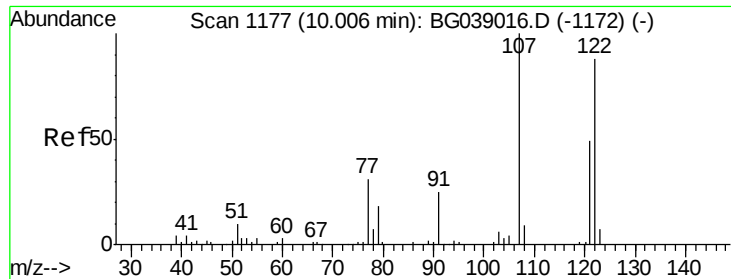
Sohil
1/14/2019 4:31:27 PM



#26
2-Nitrophenol
Concen: 45.521 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	57852		
109	31.9		27.3	40.9
65	50.7		40.6	61.0





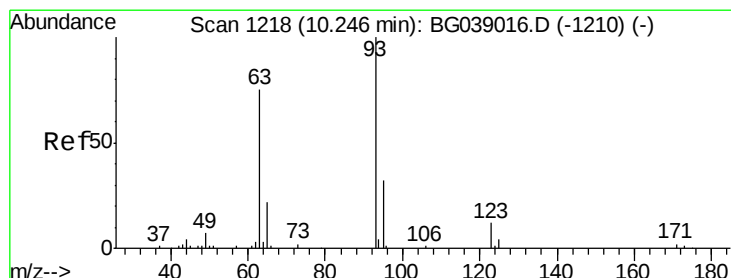
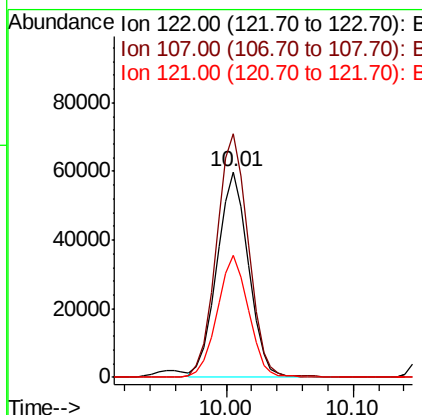
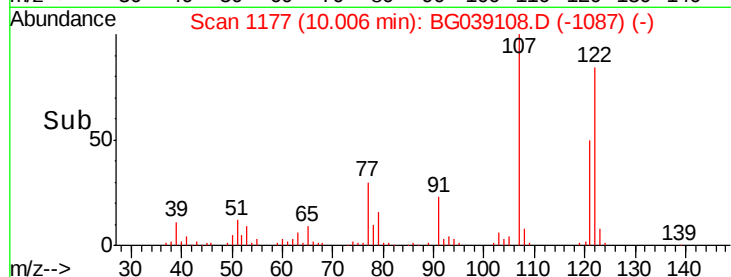
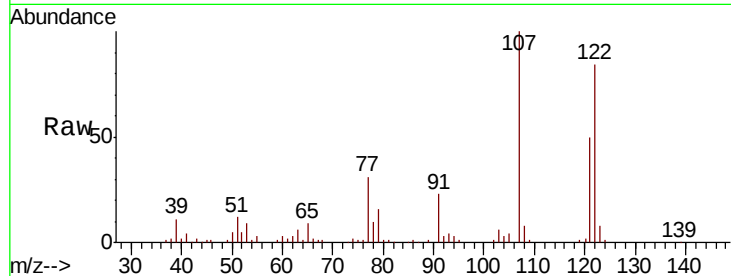
#27
2,4-Dimethylphenol
Concen: 57.882 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	88.8	133.2
121	59.2	43.1	64.7

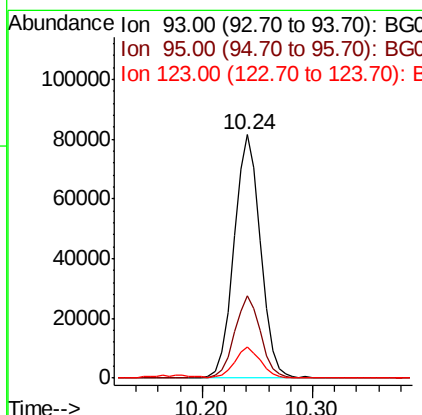
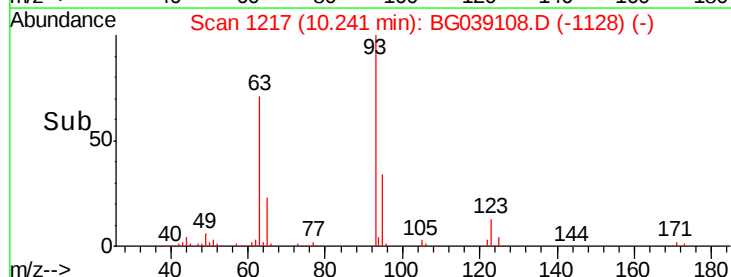
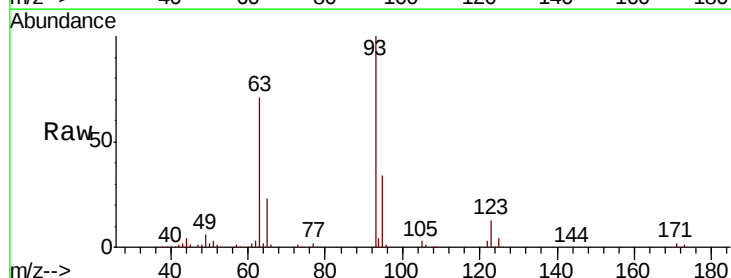
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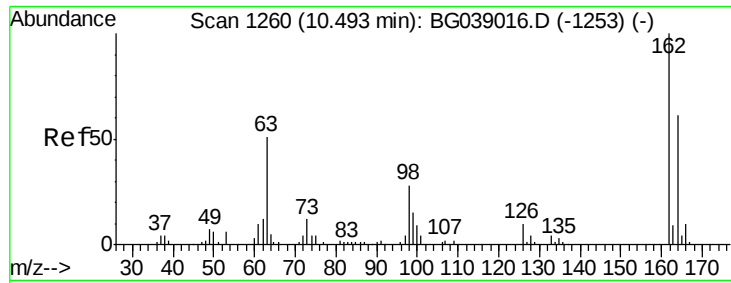
Sohil
1/14/2019 4:31:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 56.870 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.6	38.4
123	12.7	10.1	15.1





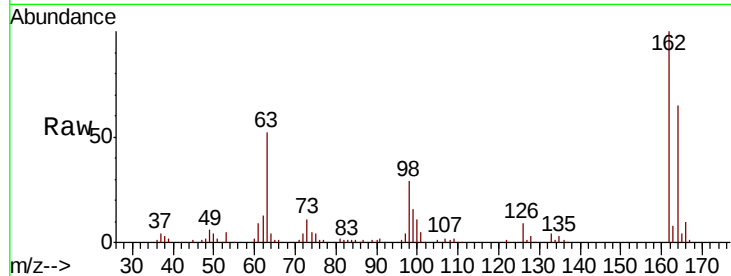
#29
 2,4-Dichlorophenol
 Concen: 51.720 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	41.3	81.3
98	28.8	8.3	48.3

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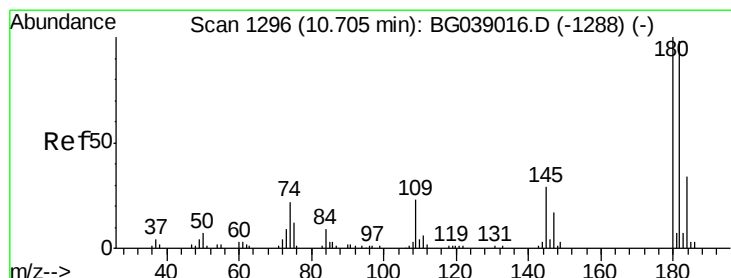
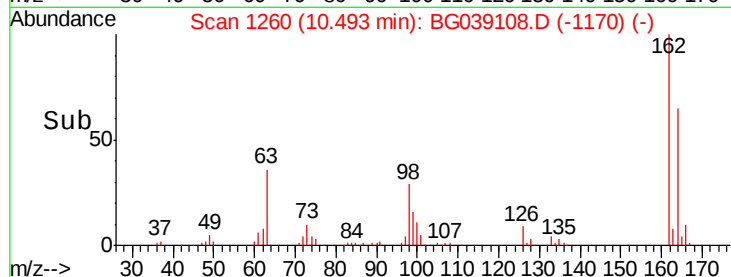
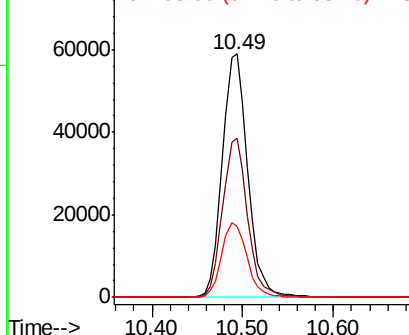


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 45.459 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

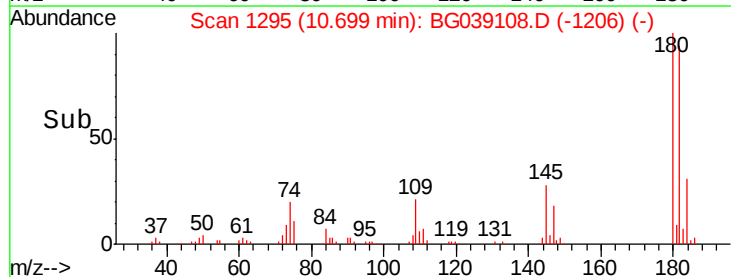
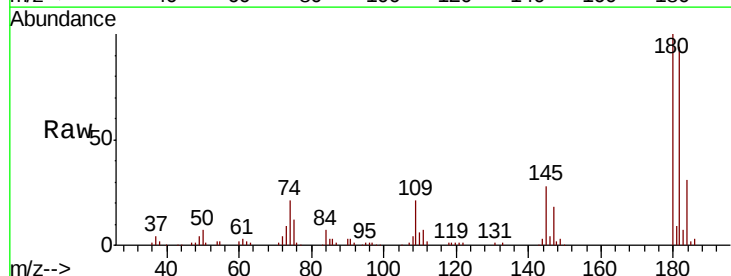
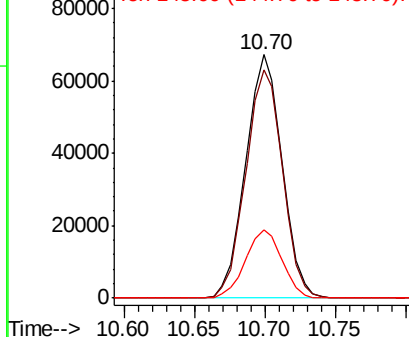
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	78.1	117.1
145	27.8	23.1	34.7

Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





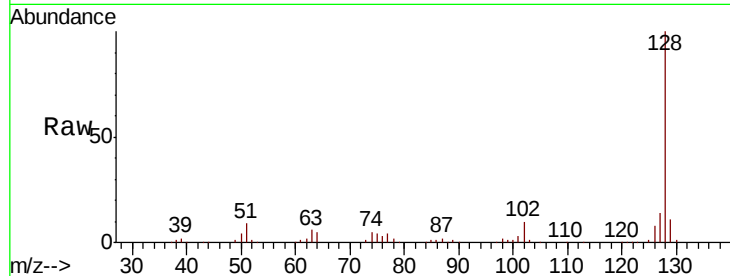
#31
Naphthalene
Concen: 48.509 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	309470		
129	10.8		9.1	13.7
127	13.7		11.2	16.8

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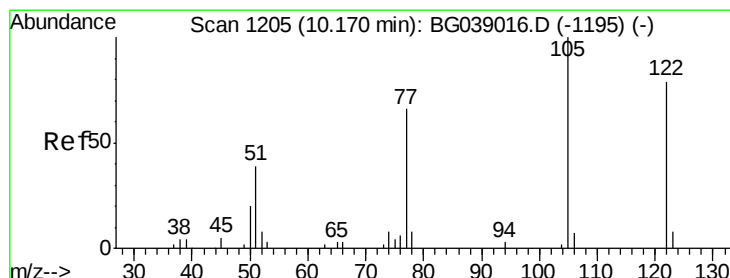
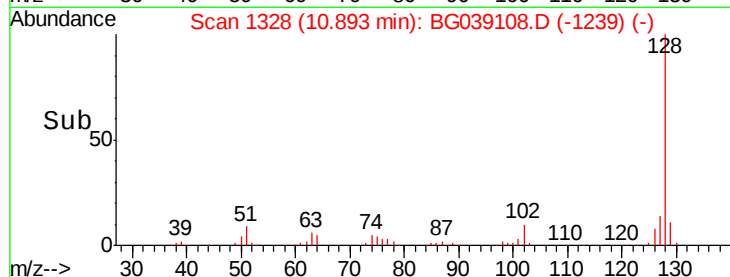
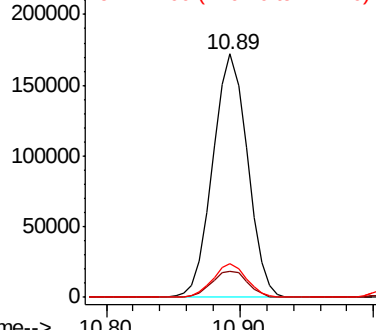


Abundance

Ion 128.00 (127.70 to 128.70): E

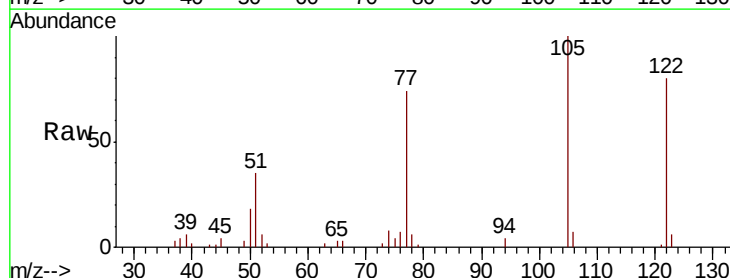
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.425 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	38305		
105	125.1		106.4	146.4
77	92.9		63.6	103.6

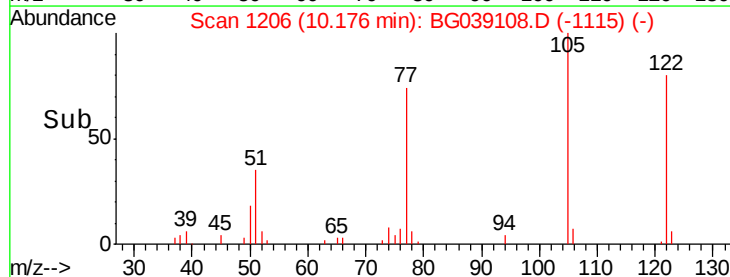
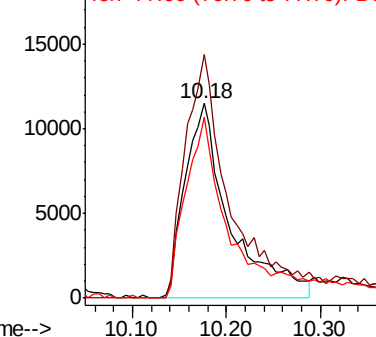


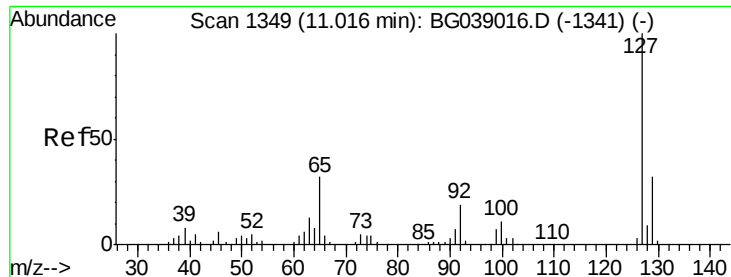
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





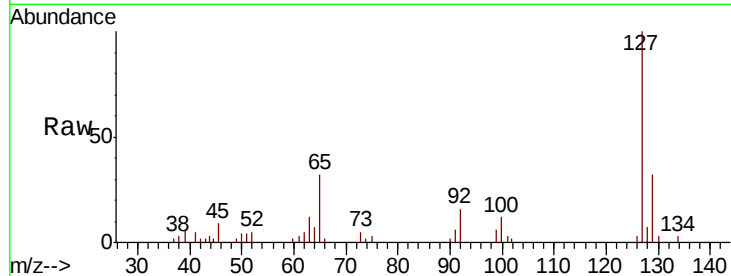
#33
4-Chloroaniline
Concen: 6.767 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

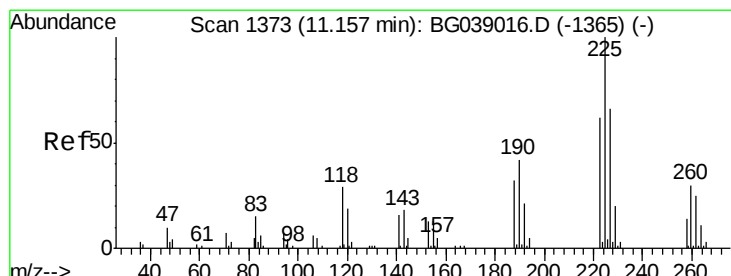
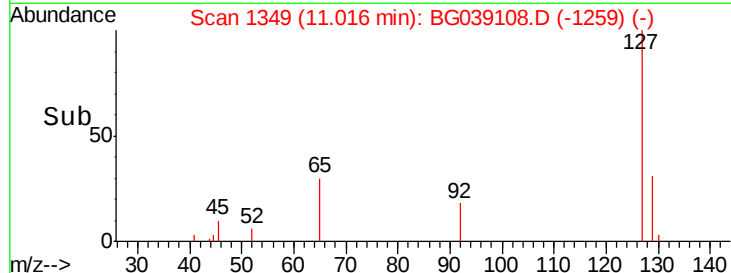
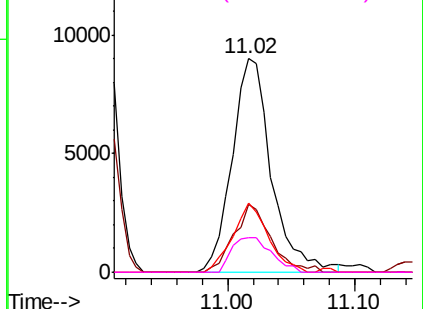
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.4	38.0		
65	32.3	25.4	38.0		
92	16.4	15.2	22.8		

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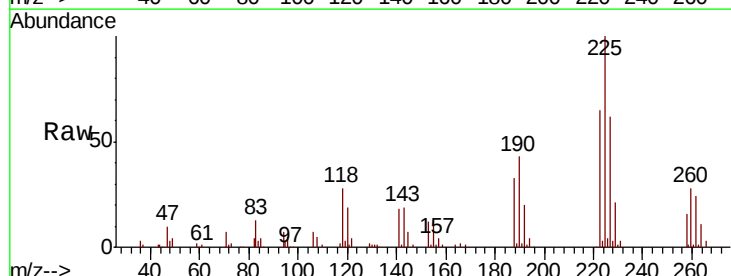


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

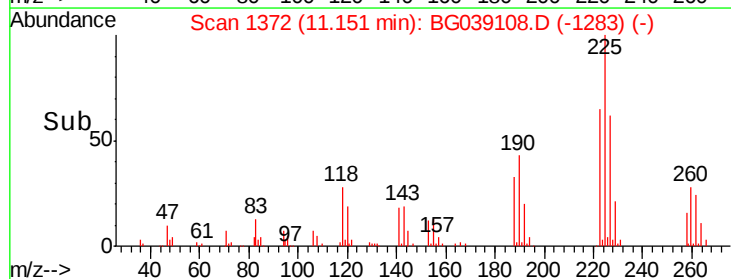
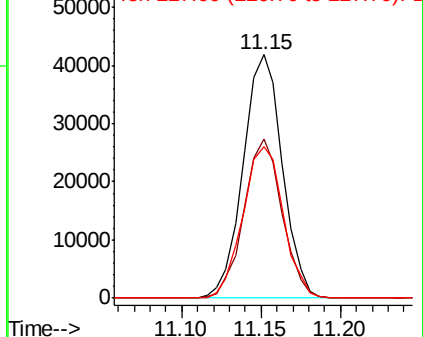


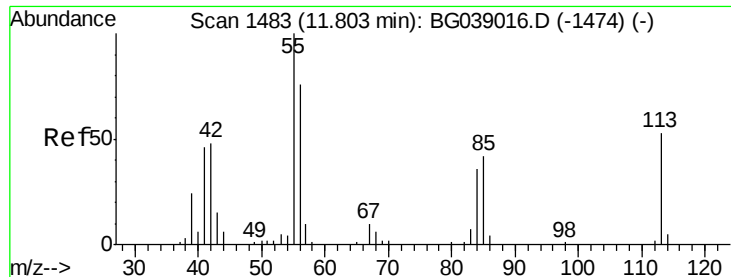
#34
Hexachlorobutadiene
Concen: 39.109 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.4	50.2	75.4		
227	65.7	53.2	79.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.291 ng/mL

RT: 11.80 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

OR-02-011019-AMSD

Tot Ion: 113 Resp: 26981

Ion Ratio Lower Upper

113 100

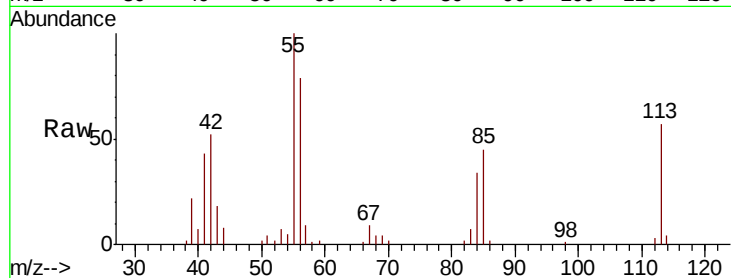
55 175.8 168.6 208.6

56 139.4 123.2 163.2

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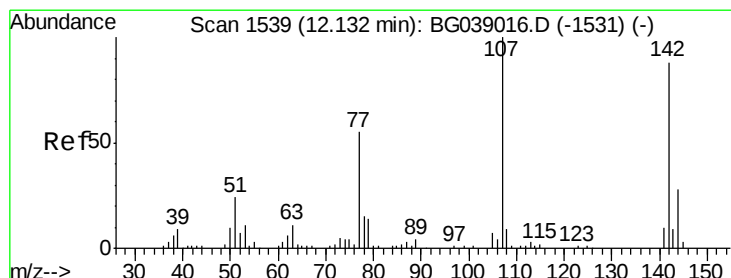
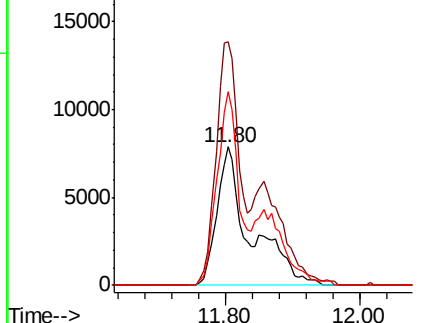
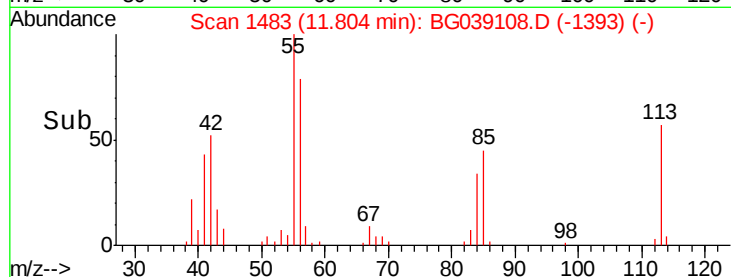
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039108.D (-1393) (-)

Ion 56.00 (55.70 to 56.70): BG039108.D (-1393) (-)



#36

4-Chloro-3-methylphenol

Concen: 51.205 ng/mL

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

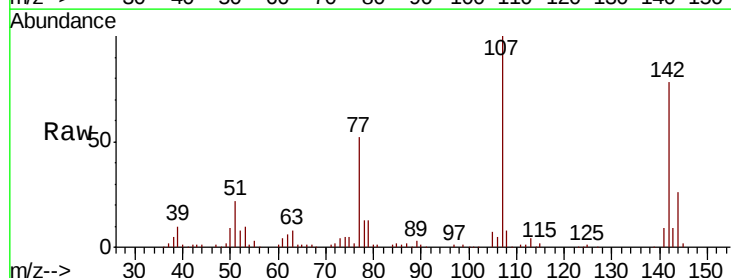
Tgt Ion: 107 Resp: 121651

Ion Ratio Lower Upper

107 100

144 26.1 22.6 34.0

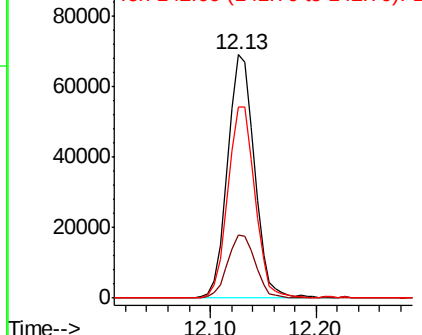
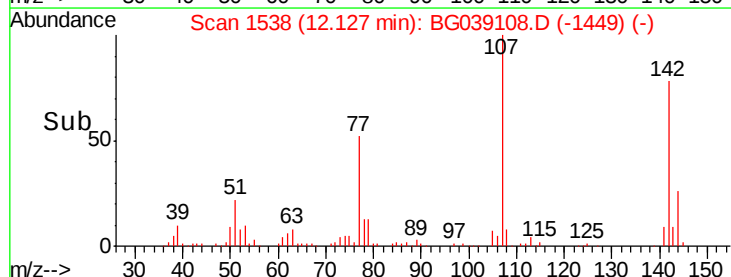
142 78.2 70.2 105.4

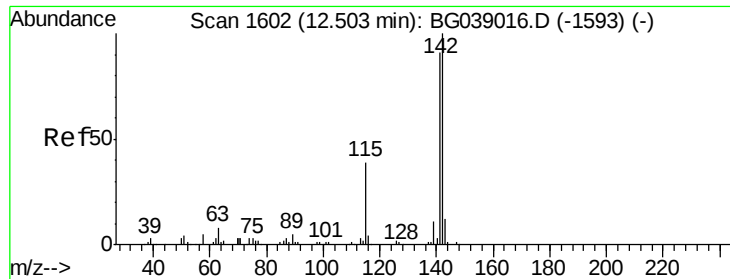


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





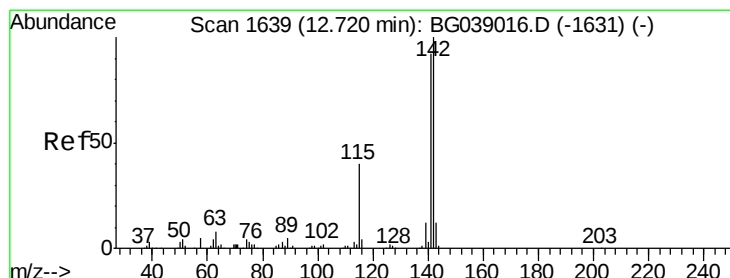
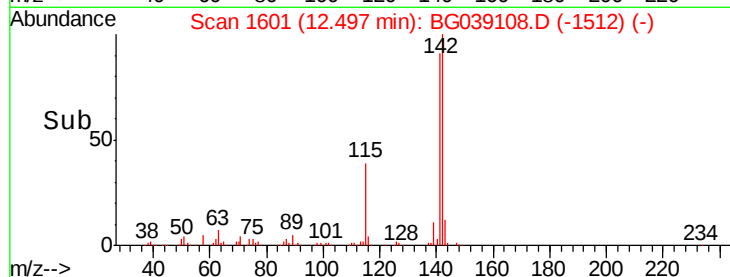
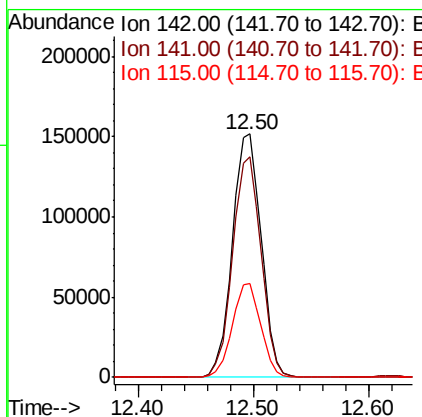
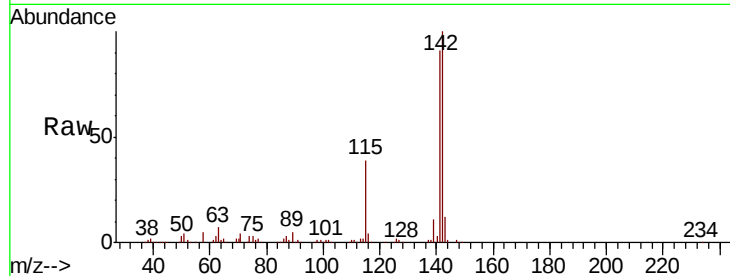
#37
2-Methylnaphthalene
Concen: 54.819 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	109.0
115	38.8	31.1	46.7

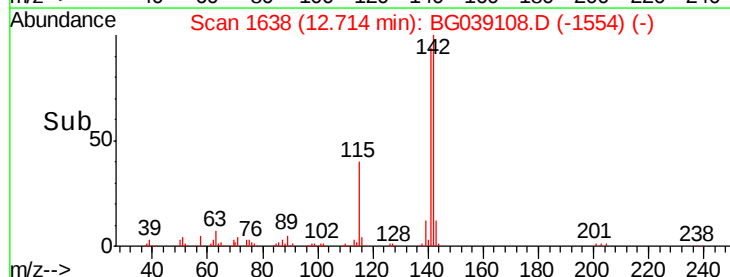
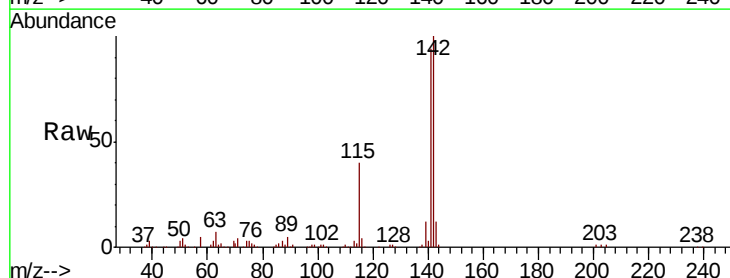
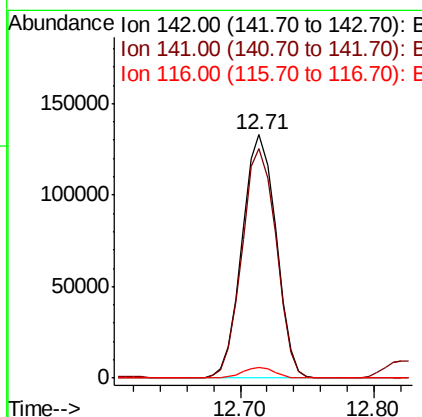
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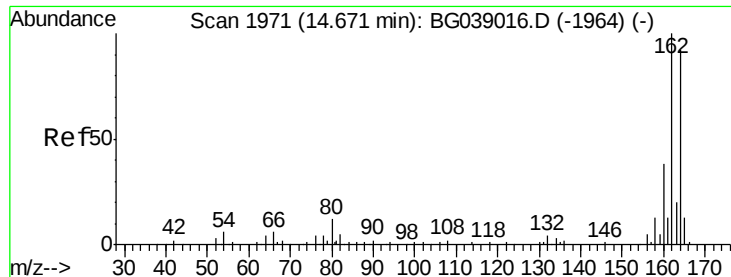
Sohil
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#38
1-Methylnaphthalene
Concen: 50.965 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.3	109.9
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

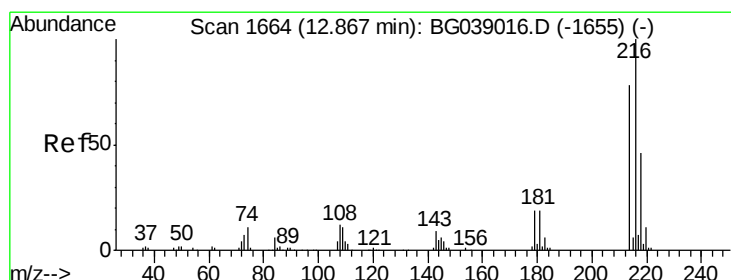
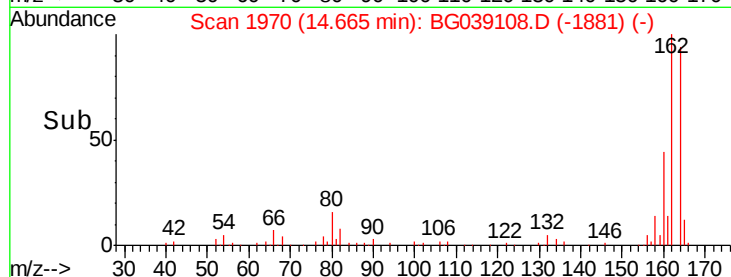
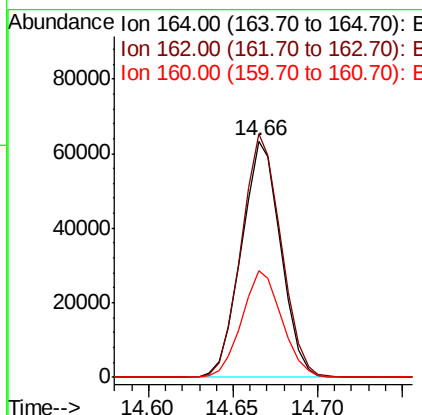
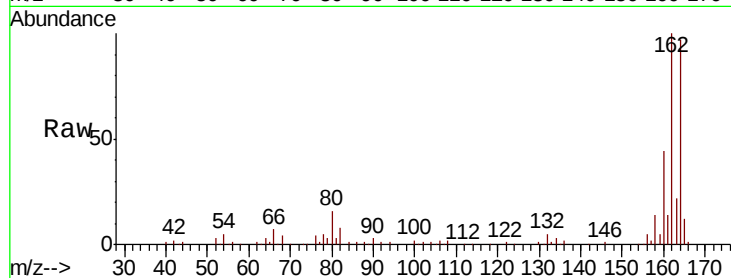
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	164	Resp:	101957
Ion Ratio	Lower	Upper	
164	100		
162	103.1	87.2	130.8
160	45.1	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.970 ng

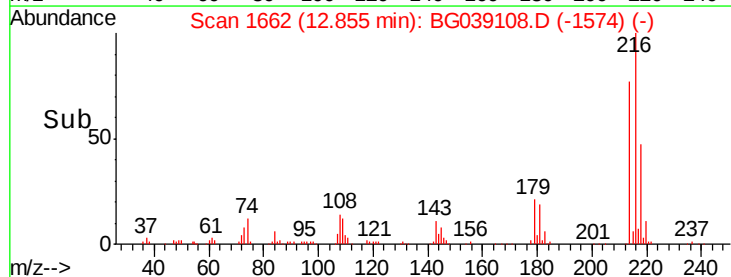
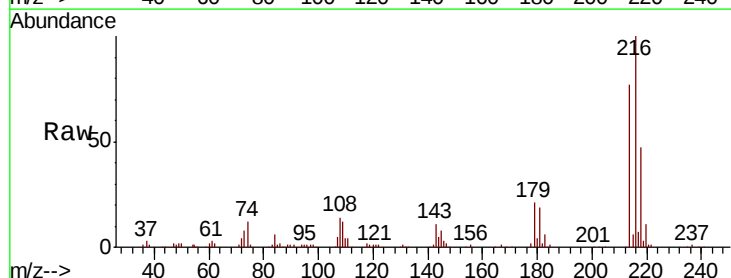
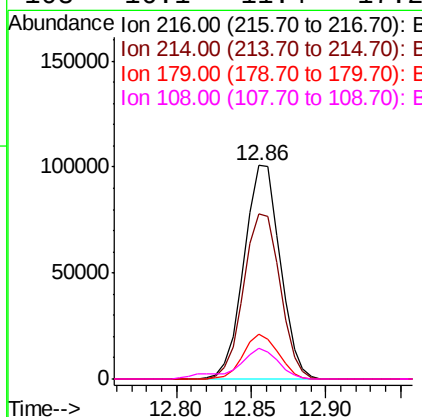
RT: 12.86 min Scan# 1662

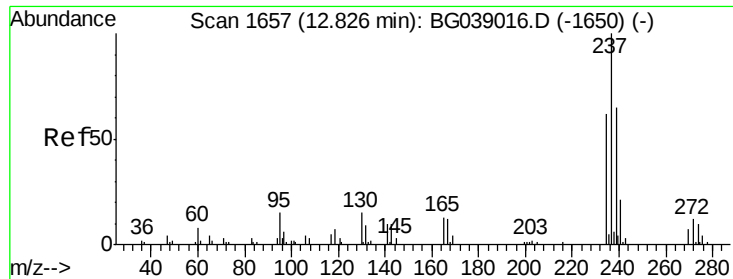
Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	216	Resp:	168365
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.4	95.2
179	20.2	15.5	23.3
108	16.1	11.4	17.2





#41

Hexachlorocyclopentadiene

Concen: 72.806 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

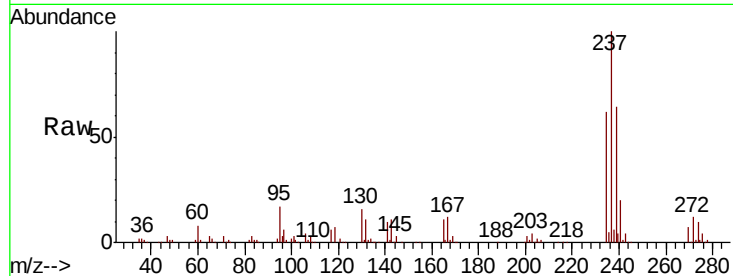
ClientSampleId :

OR-02-011019-AMSD

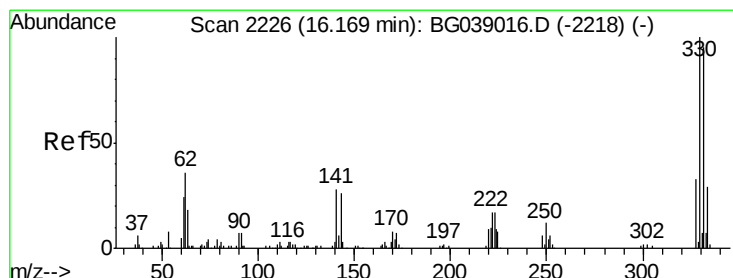
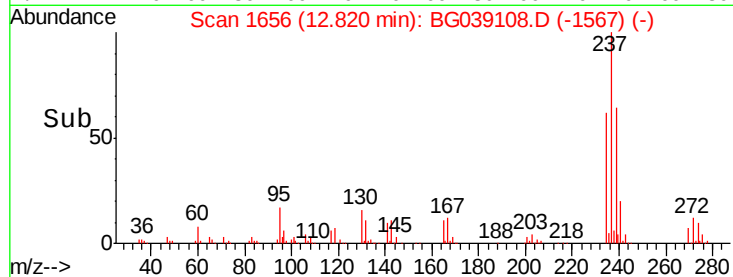
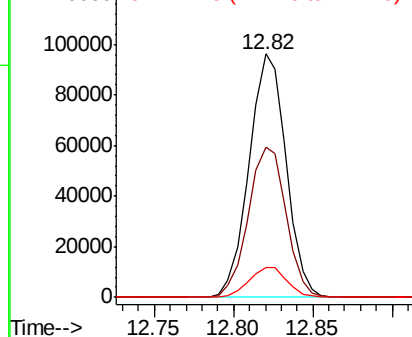
Tot Ion:	237	Resp:	155812
Ion Ratio	Lower	Upper	
237	100		
235	61.8	41.7	81.7
272	12.1	0.0	32.1

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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: 121.400 ng

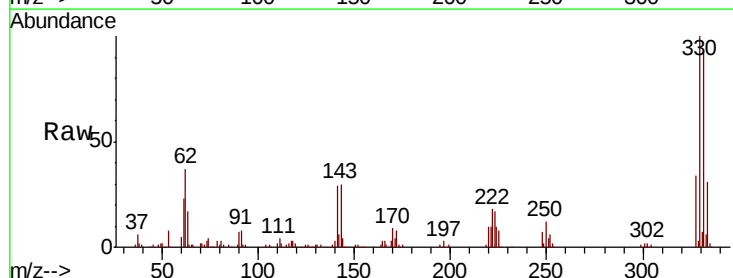
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

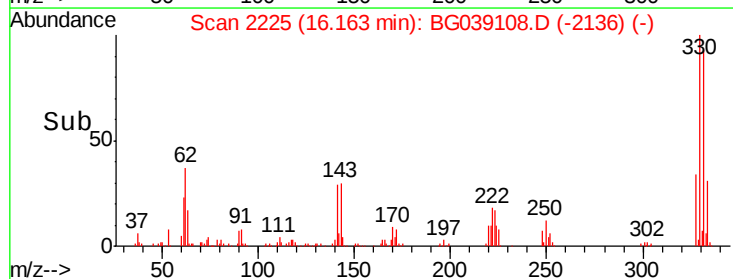
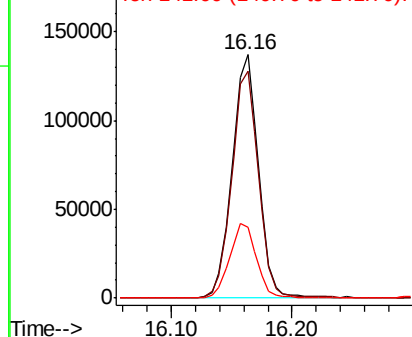
Lab File: BG039108.D

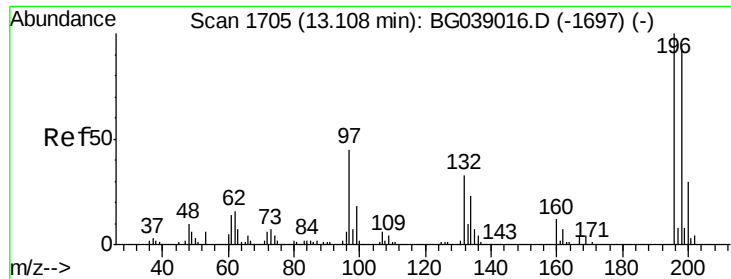
Acq: 12 Jan 2019 7:51

Tgt Ion:	330	Resp:	207482
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.7	113.5
141	31.2	24.9	37.3



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





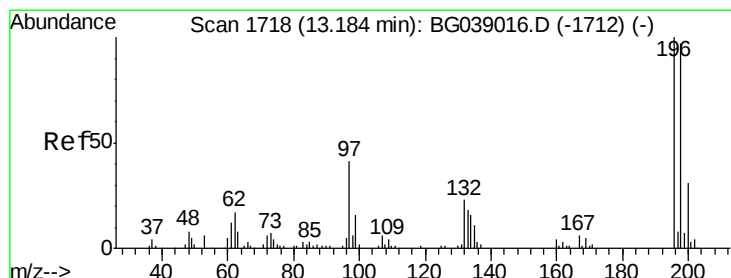
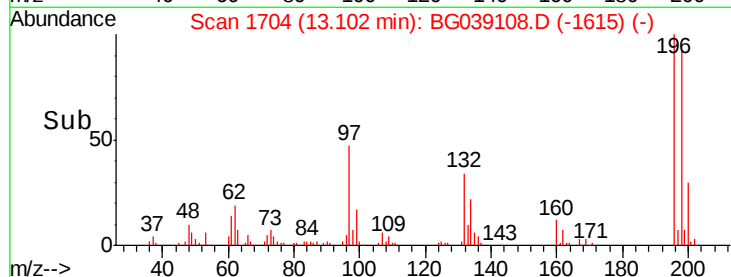
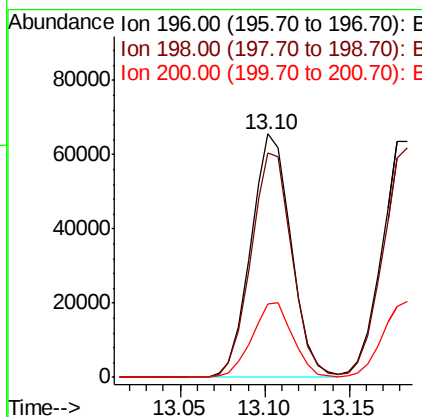
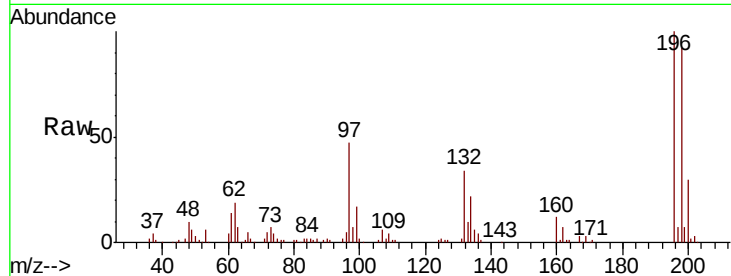
#43
 2,4,6-Trichlorophenol
 Concen: 45.061 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108594		
198	91.9	74.5	111.7	
200	29.9	23.8	35.6	

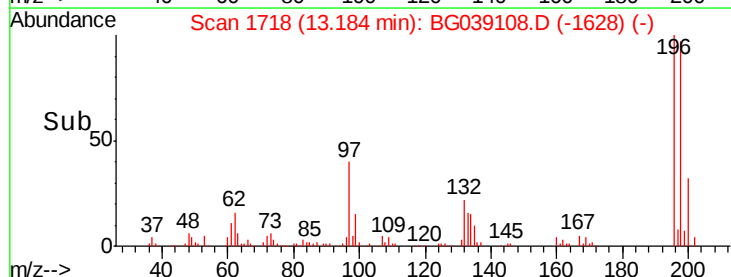
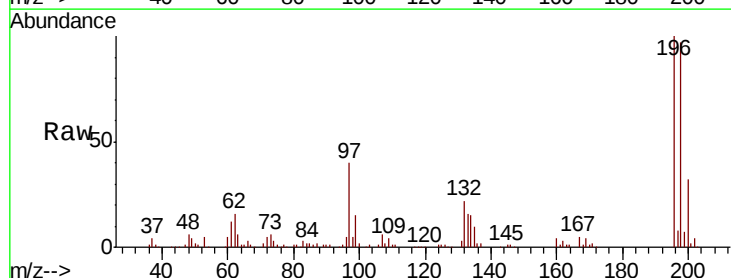
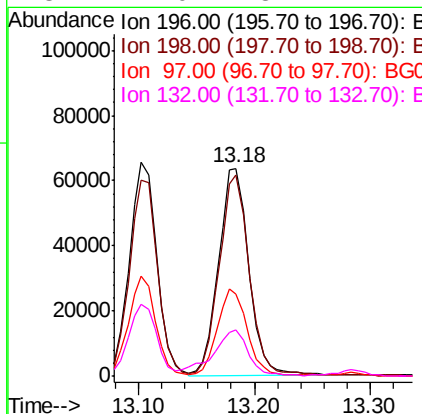
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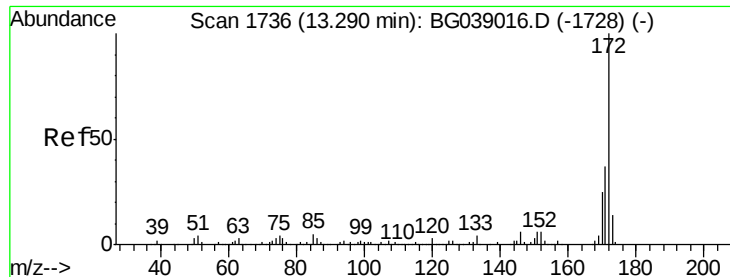
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#44
 2,4,5-Trichlorophenol
 Concen: 45.266 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115297		
198	97.0	78.1	117.1	
97	39.6	33.2	49.8	
132	22.0	18.2	27.4	





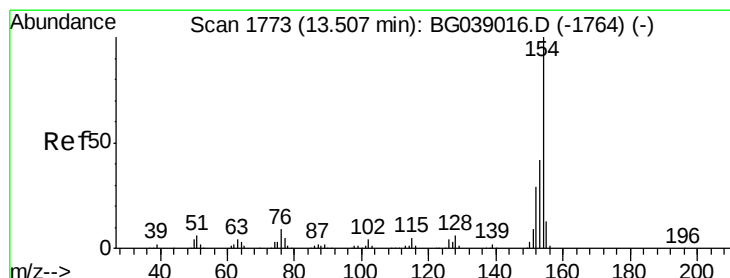
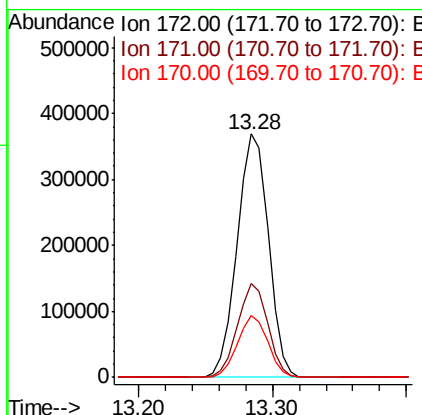
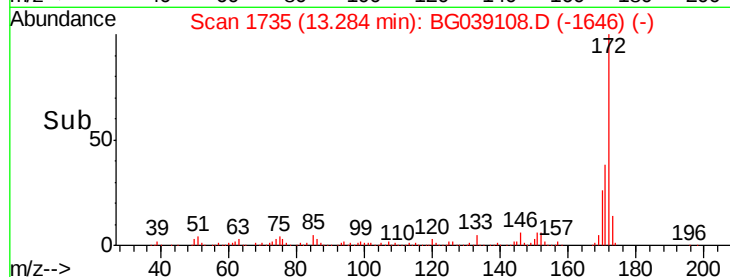
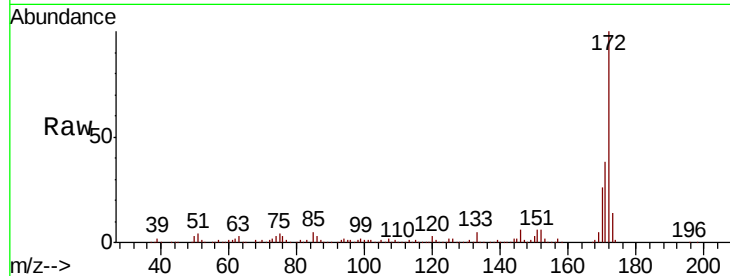
#45
2-Fluorobiphenyl
Concen: 80.420 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.0
170	25.7	20.1	30.1

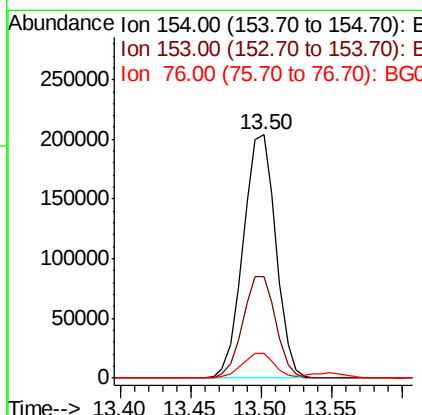
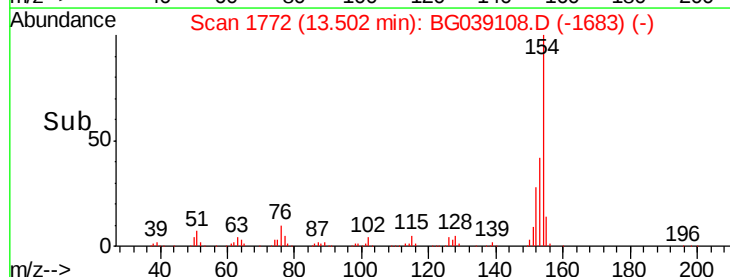
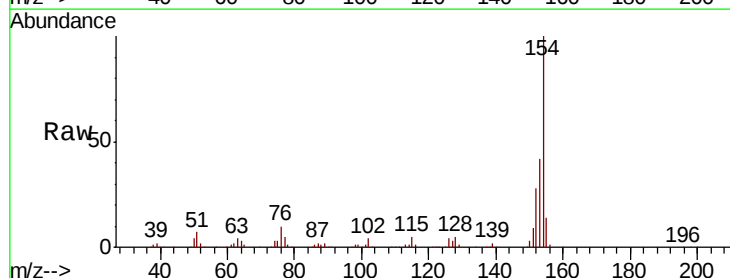
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#46
1,1'-Biphenyl
Concen: 40.932 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.4	62.4
76	10.4	0.0	29.4





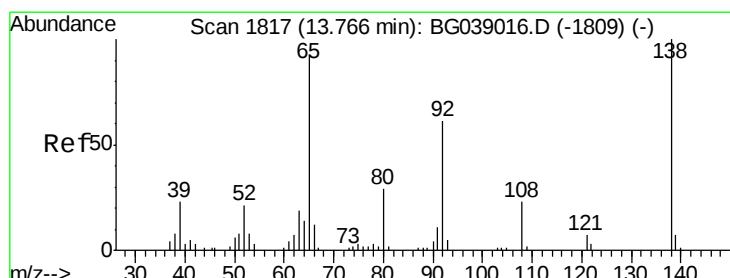
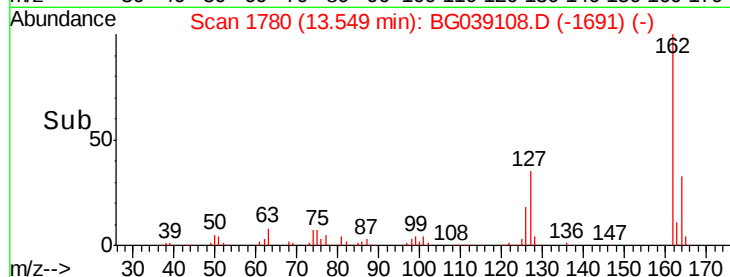
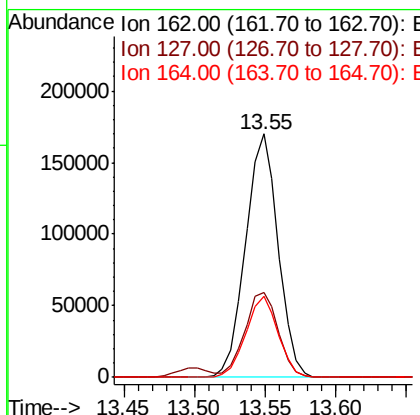
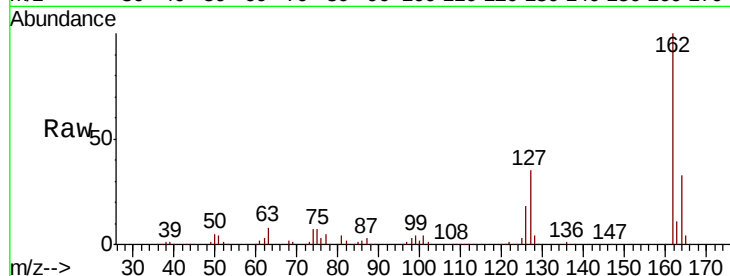
#47
 2-Chloronaphthalene
 Concen: 42.029 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.1	28.4	42.6
164	33.2	26.3	39.5

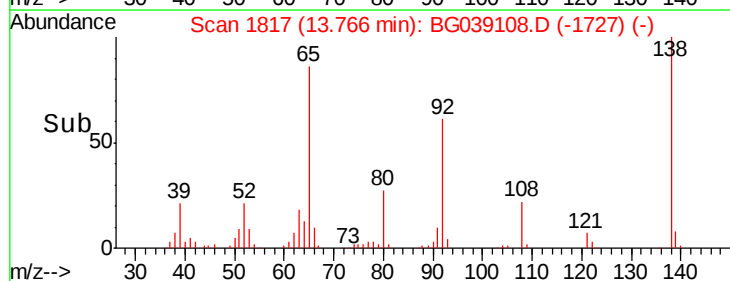
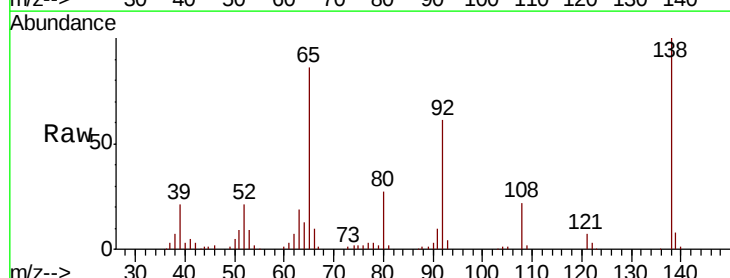
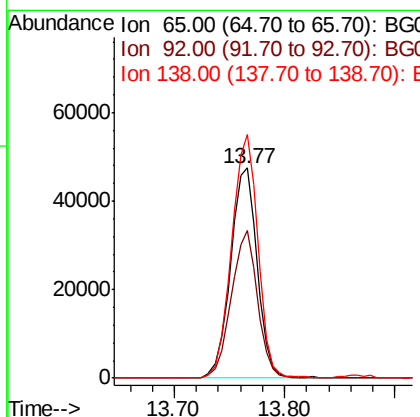
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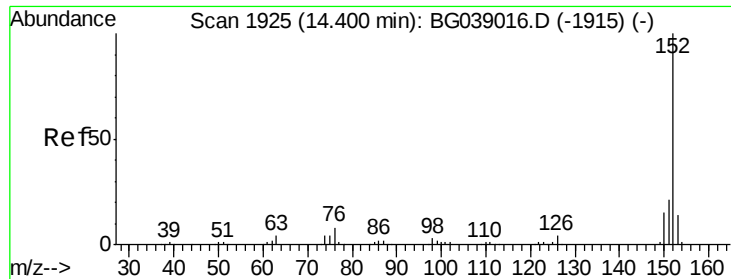
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#48
 2-Nitroaniline
 Concen: 43.807 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	52.2	78.4
138	115.8	86.0	129.0





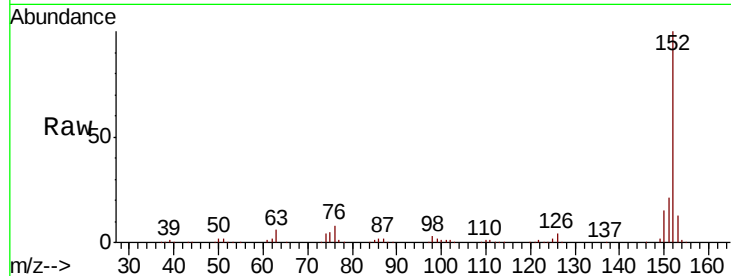
#49
Acenaphthylene
Concen: 46.625 ng
RT: 14.39 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.4
153	13.3	11.2	16.8

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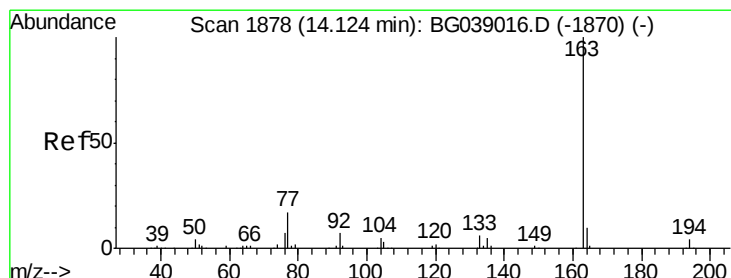
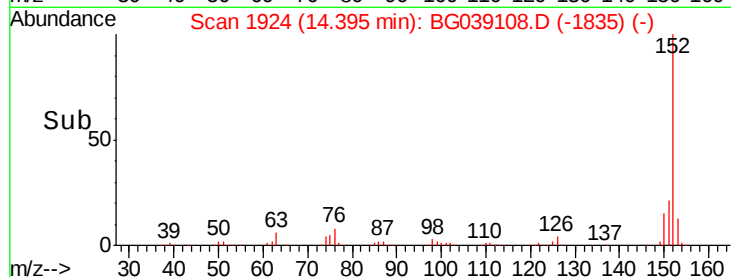
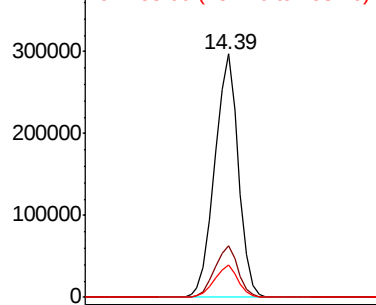


Abundance

Ion 152.00 (151.70 to 152.70): E

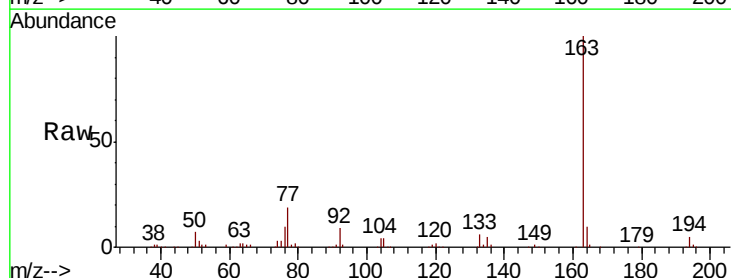
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 45.659 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.1	8.2	12.2

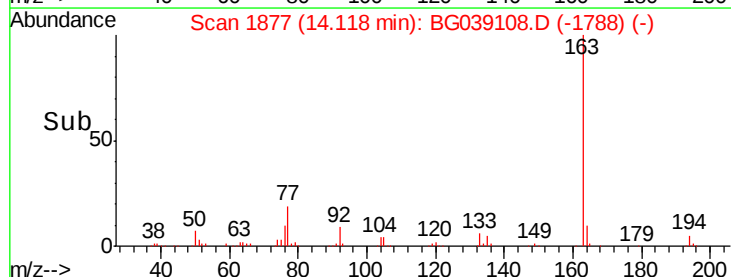
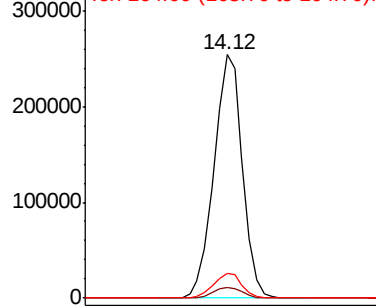


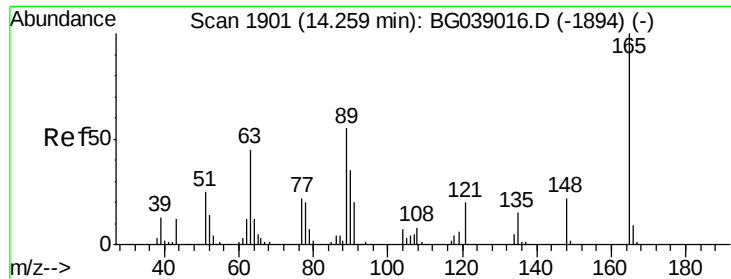
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.939 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

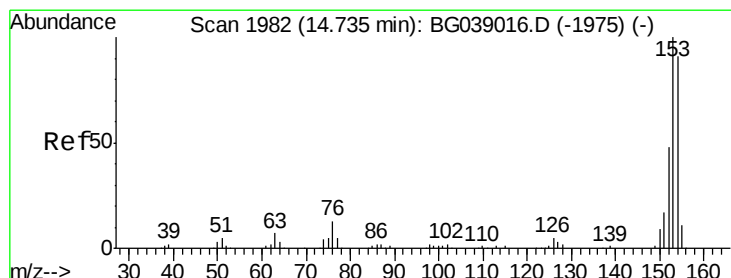
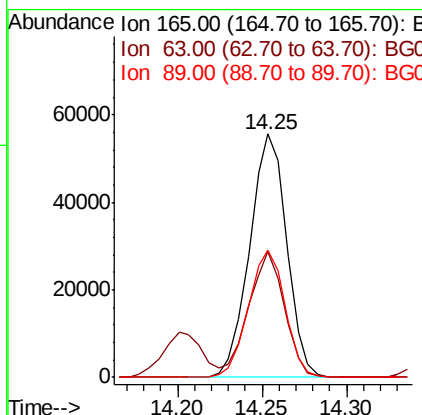
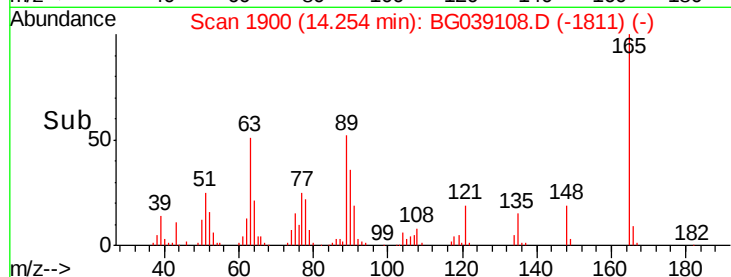
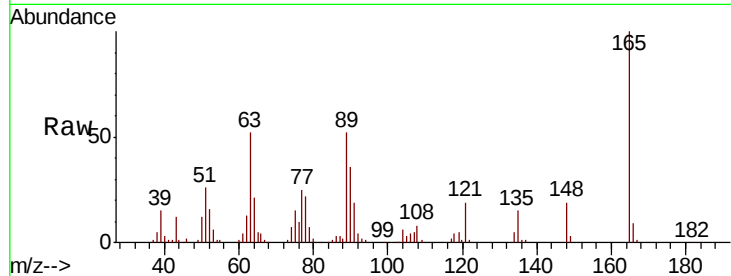
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	165	Resp:	84639
Ion Ratio	Lower	Upper	
165	100		
63	51.8	43.6	65.4
89	52.3	43.7	65.5

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#52

Acenaphthene

Concen: 47.551 ng

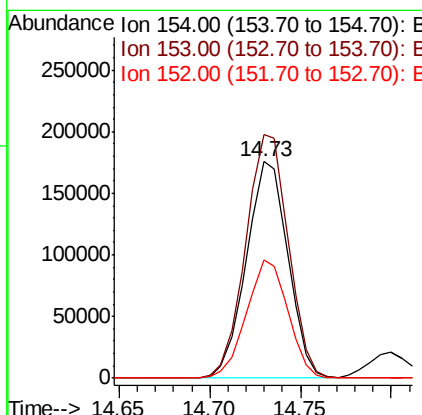
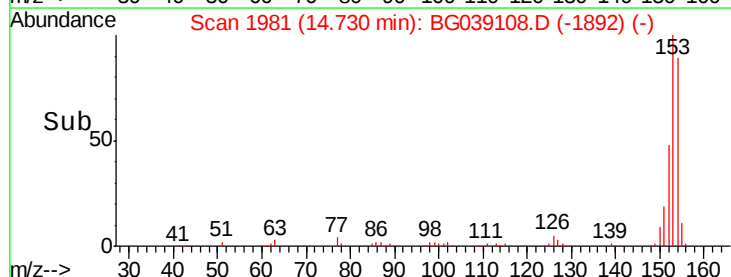
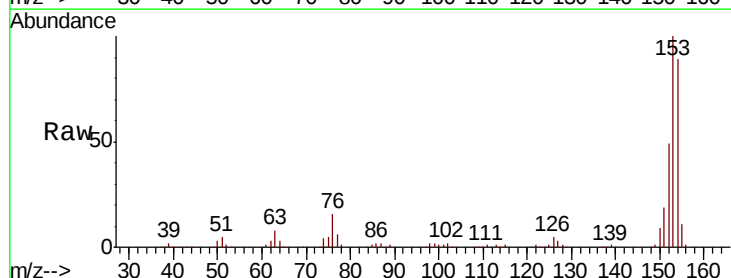
RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	154	Resp:	280738
Ion Ratio	Lower	Upper	
154	100		
153	112.5	87.9	131.9
152	54.7	42.2	63.2





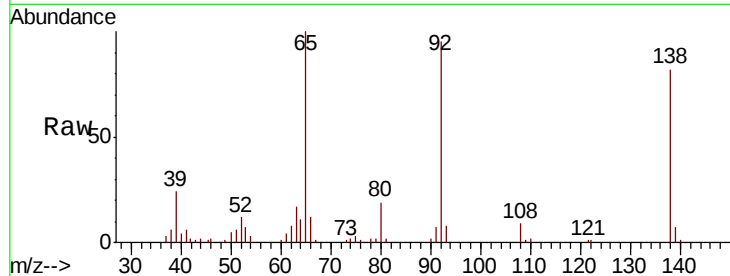
#53
3-Nitroaniline
Concen: 17.904 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.4	11.0
92	115.7	88.2	132.4

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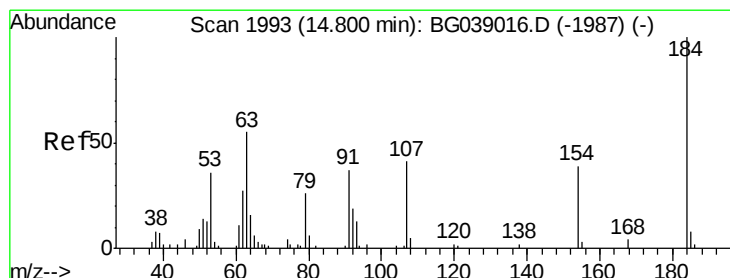
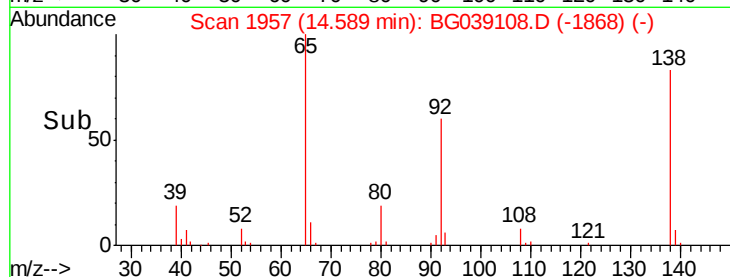
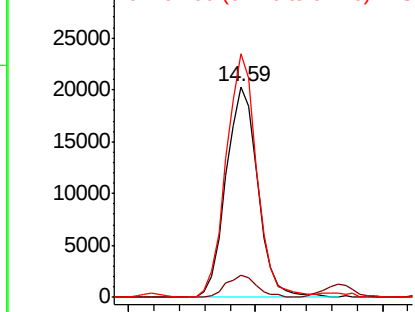


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 54.022 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

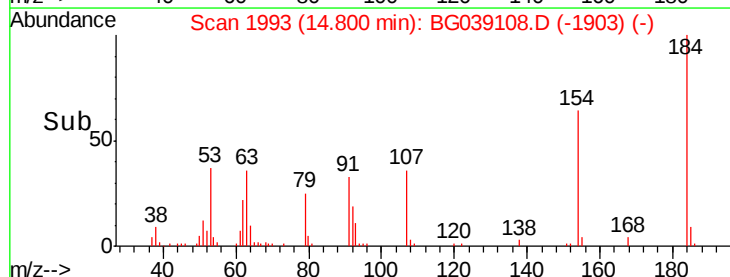
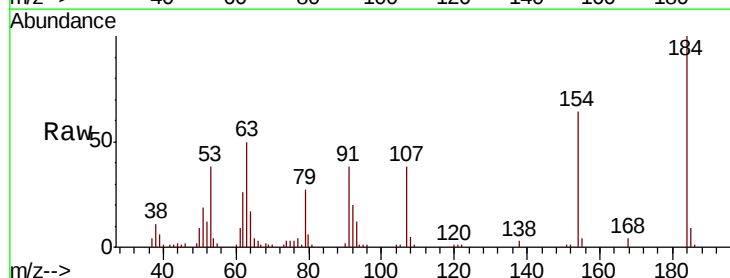
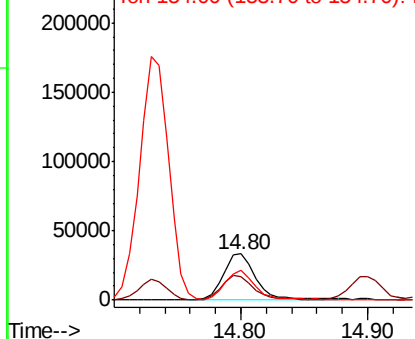
Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.1	44.0	66.0
154	64.0	46.1	69.1

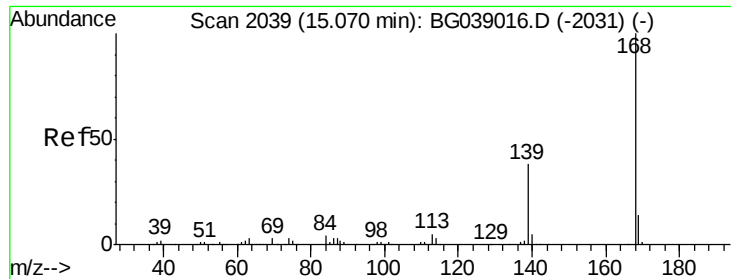
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





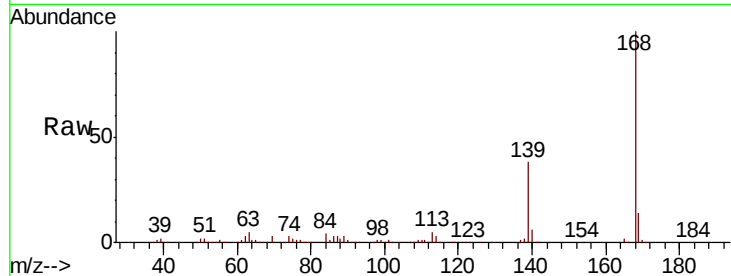
#55
Dibenzofuran
Concen: 42.372 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.9	10.9	16.3

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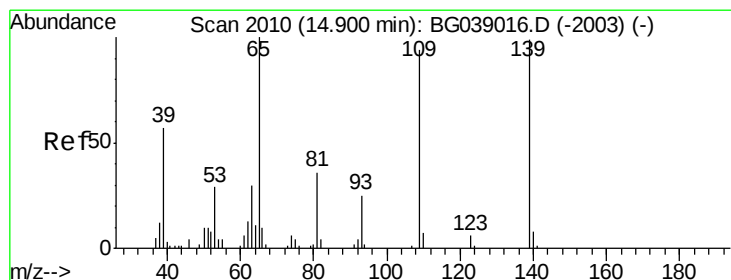
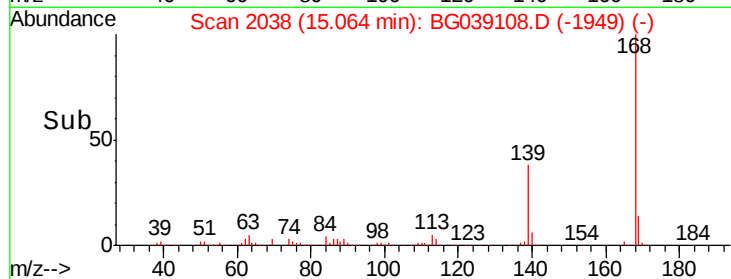
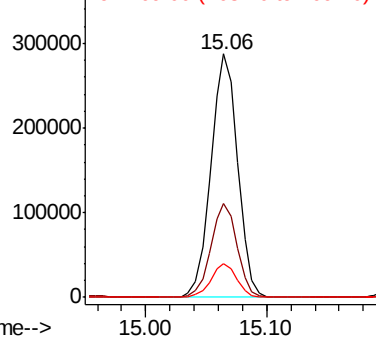


Abundance

Ion 168.00 (167.70 to 168.70): E

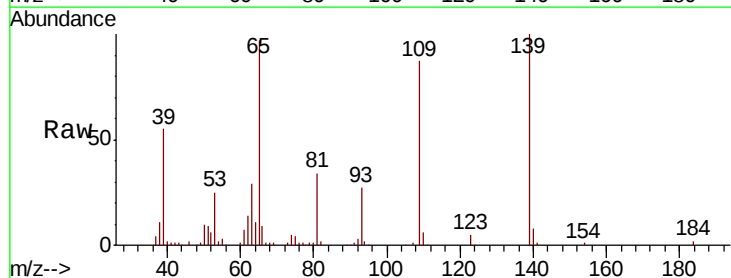
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.142 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.0	75.6	115.6
65	97.0	81.2	121.2

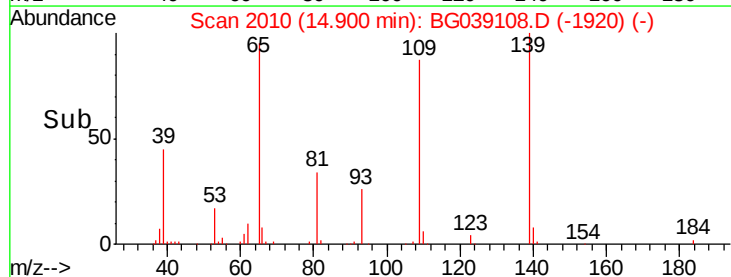
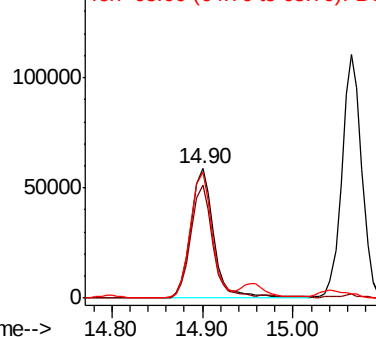


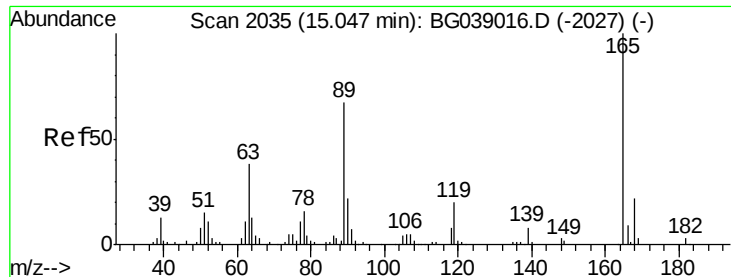
Abundance

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





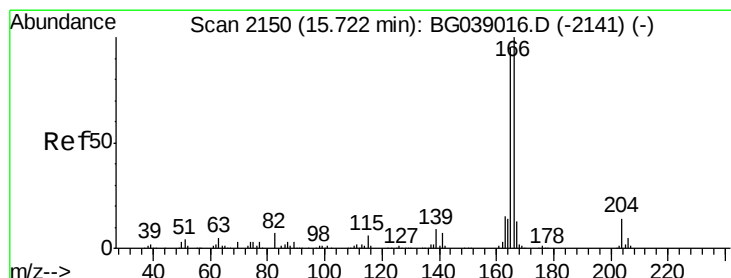
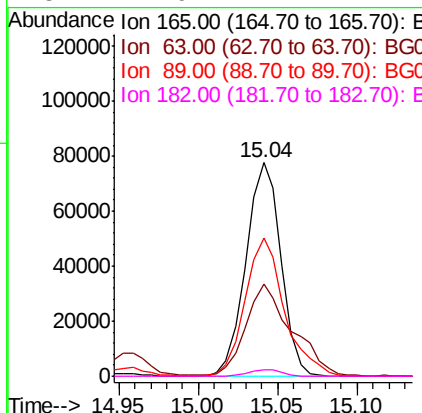
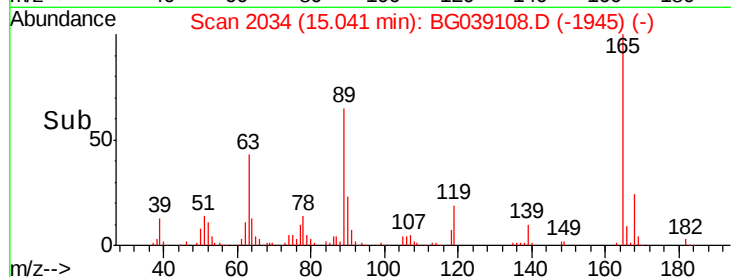
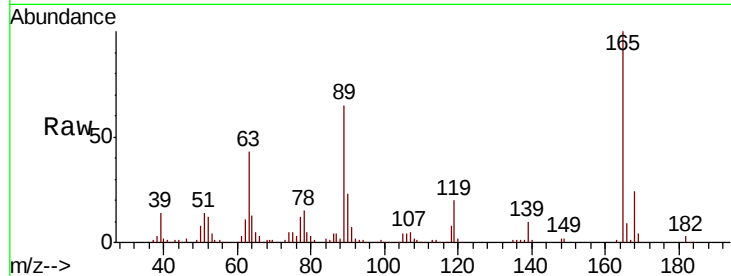
#57
2,4-Dinitrotoluene
Concen: 42.937 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	43.0		30.2	45.4	
89	65.0		53.2	79.8	
182	2.9		2.7	4.1	

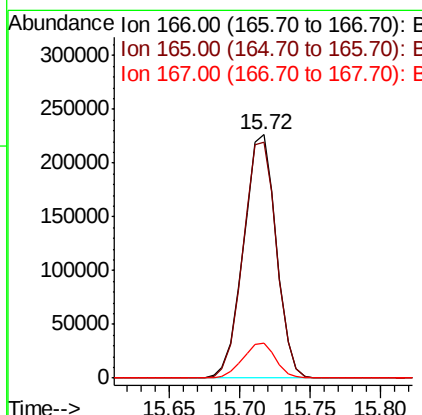
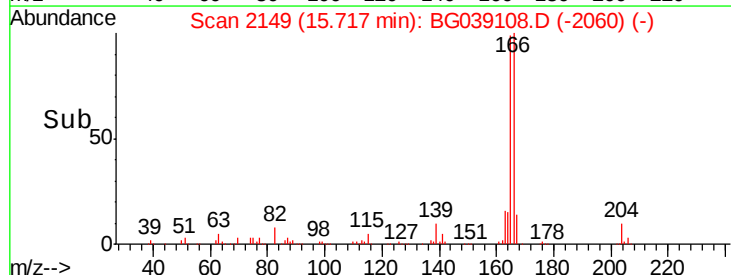
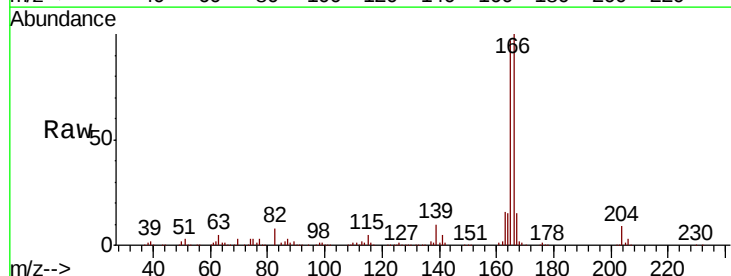
Manual Integrations
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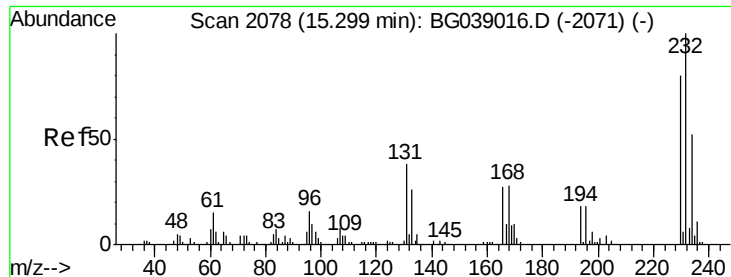
Sohil
1/14/2019 4:31:27 PM



#58
Fluorene
Concen: 46.764 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	96.9		76.2	114.2	
167	14.5		10.6	16.0	





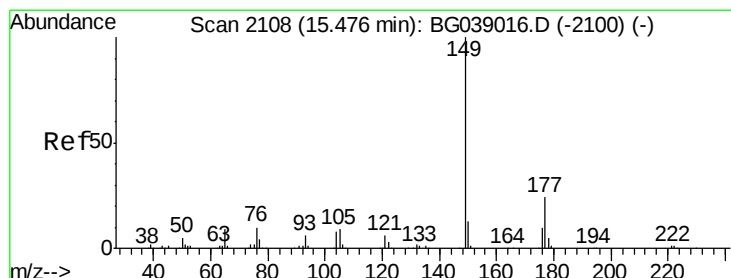
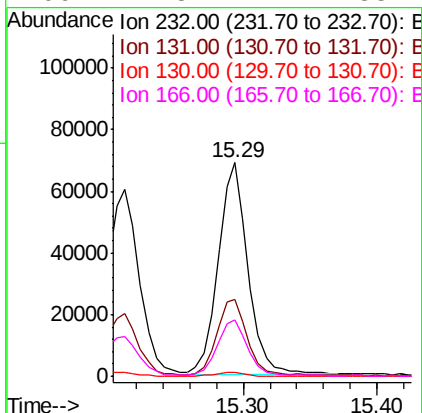
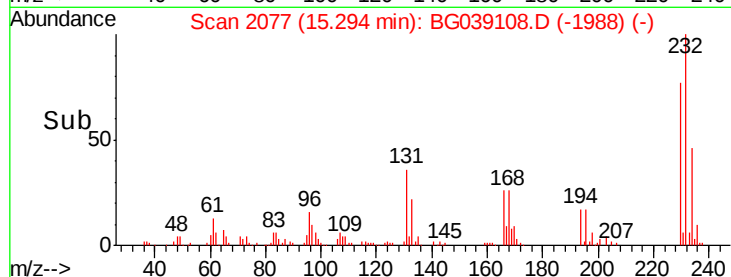
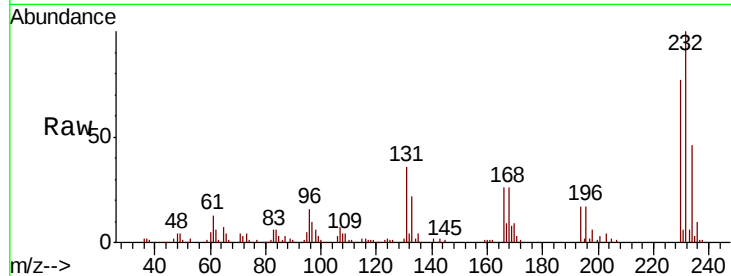
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.742 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	107577		
131	39.4	30.9	46.3	
130	2.1	1.9	2.9	
166	27.8	22.1	33.1	

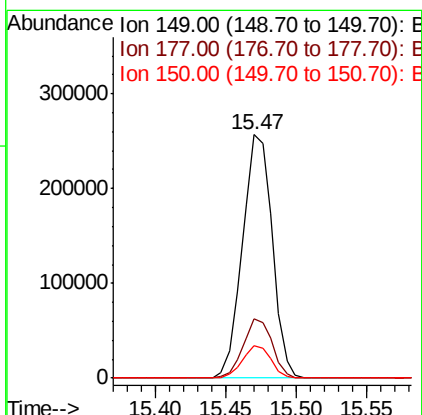
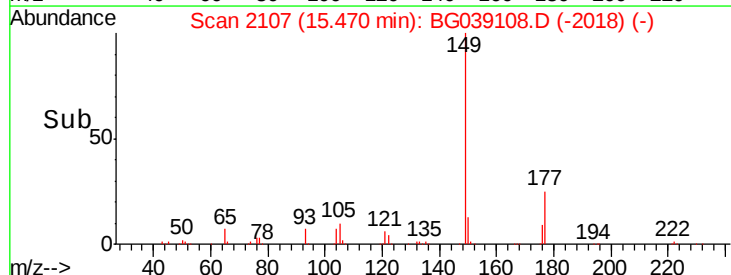
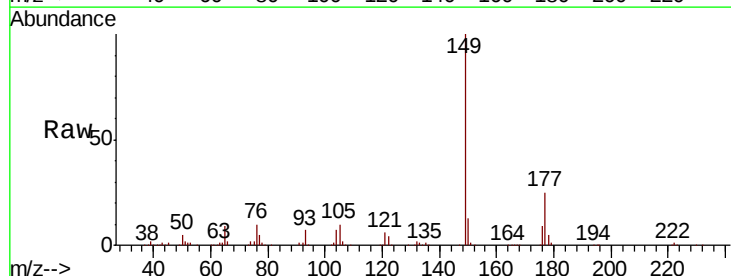
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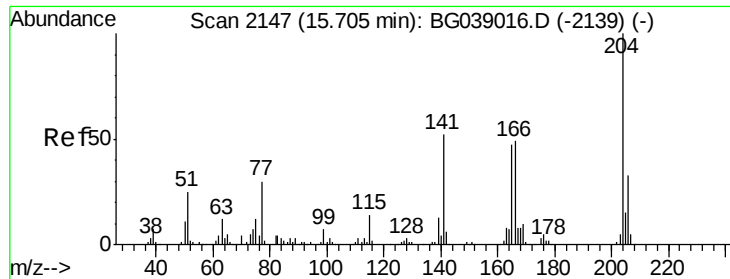
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#60
Diethylphthalate
Concen: 42.840 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	380292		
177	24.5	19.0	28.6	
150	13.3	10.2	15.4	





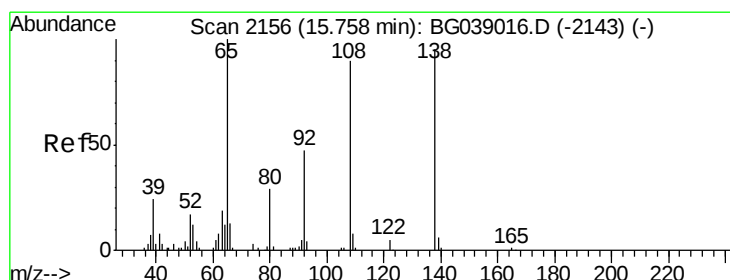
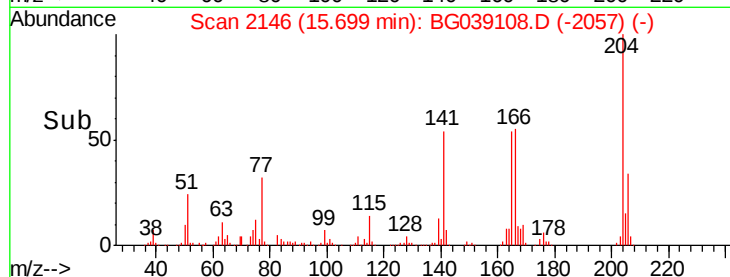
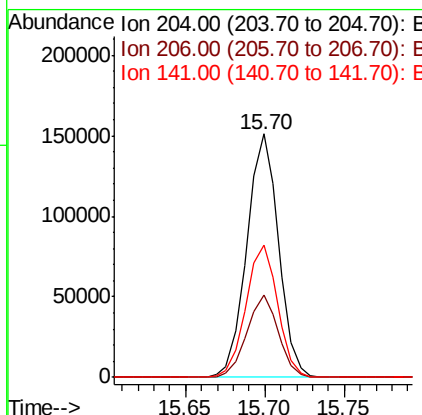
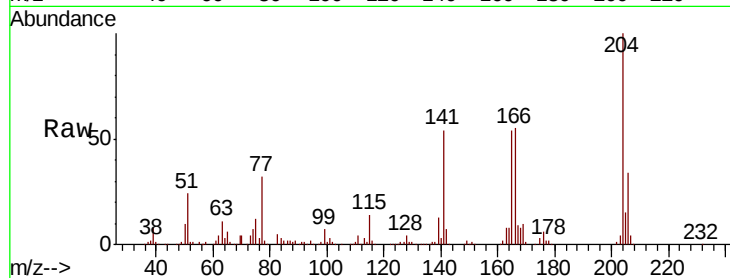
#61
4-Chlorophenyl-phenylether
Concen: 42.277 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	54.4	41.4	62.0

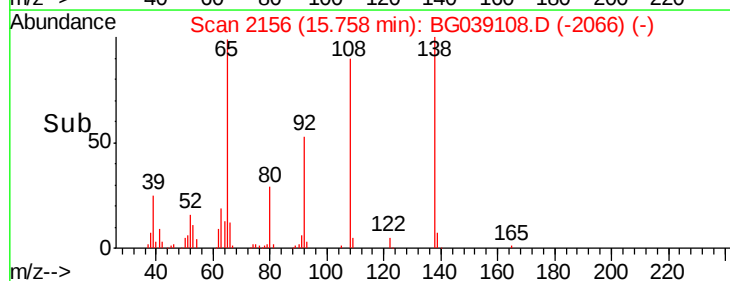
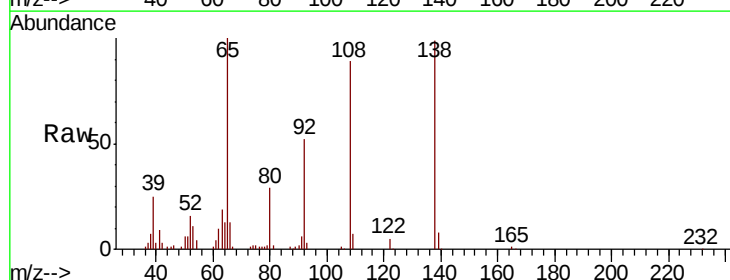
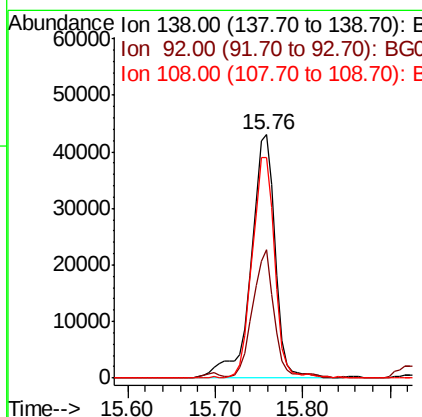
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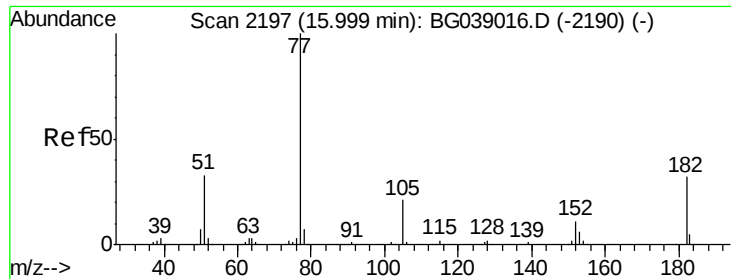
Sohil
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#62
4-Nitroaniline
Concen: 39.746 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	29.7	69.7
108	90.7	75.7	115.7





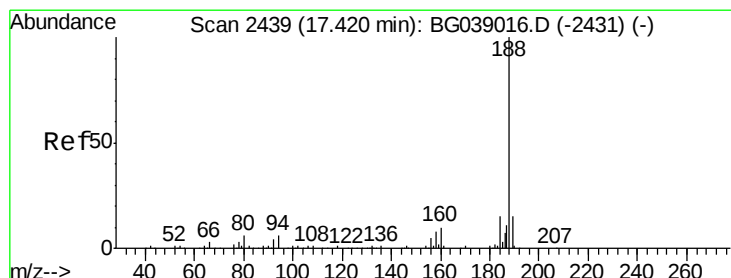
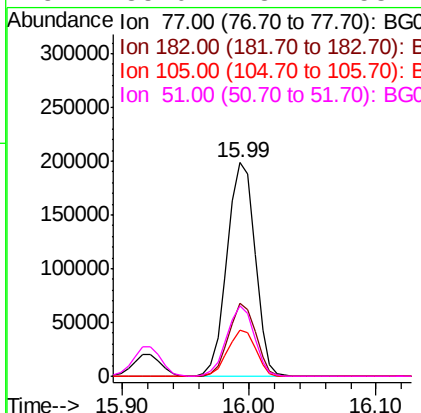
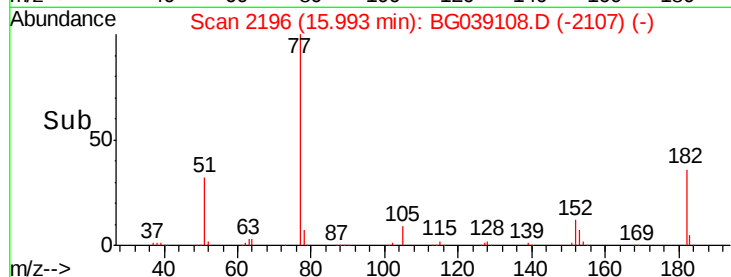
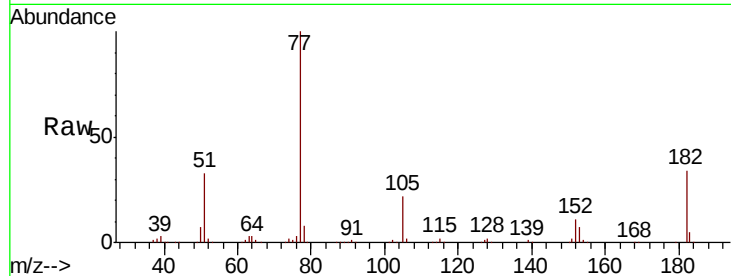
#63
Azobenzene
Concen: 43.764 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		303807		
182	34.0	12.2	52.2		
105	21.7	1.2	41.2		
51	33.0	13.4	53.4		

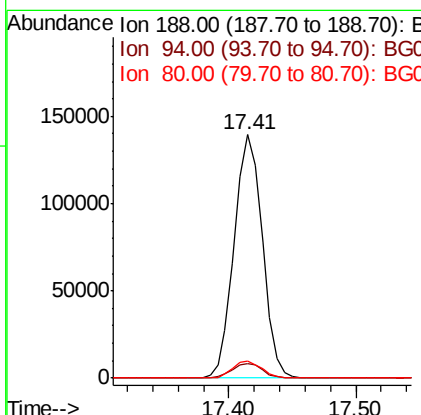
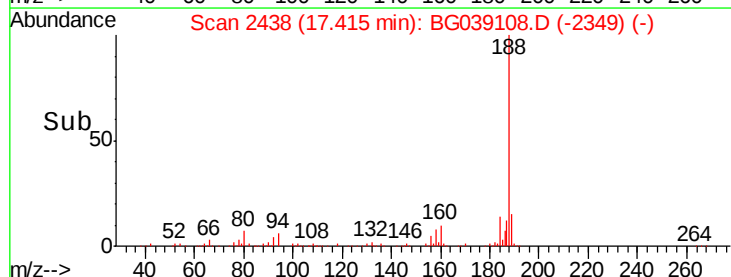
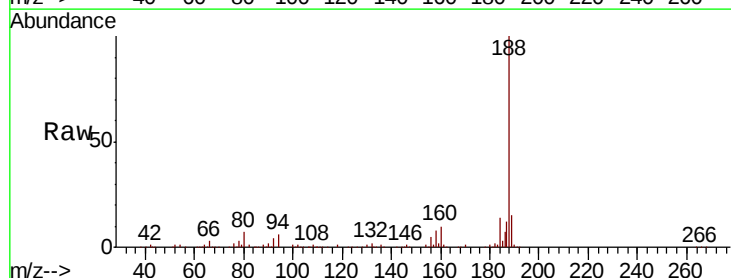
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		214622		
94	6.2	5.0	7.4		
80	7.0	4.7	7.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 35.329 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

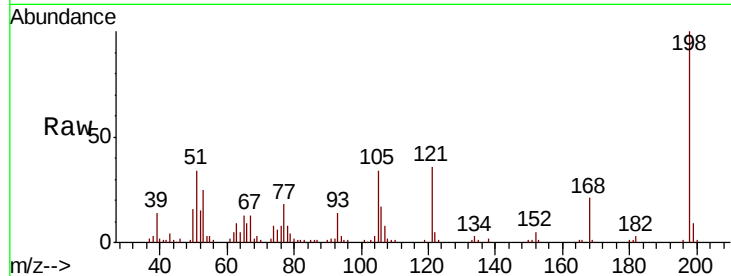
ClientSampleId :

OR-02-011019-AMSD

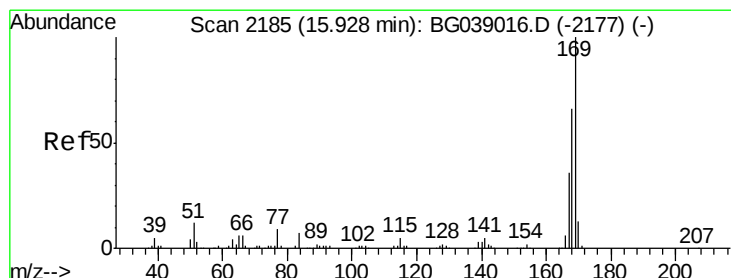
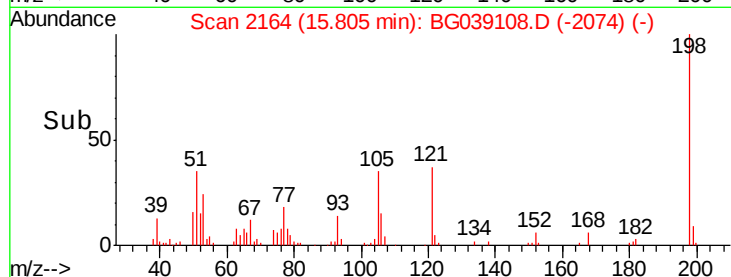
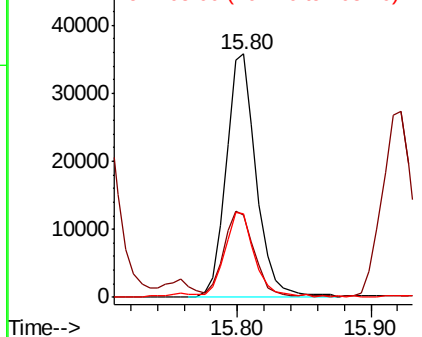
Tot Ion:	198	Resp:	56175
Ion Ratio	Lower	Upper	
198	100		
51	34.0	20.8	60.8
105	34.3	16.1	56.1

Manual Integrations
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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: 51.006 ng

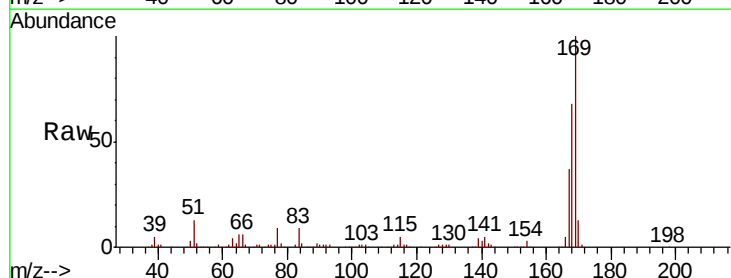
RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

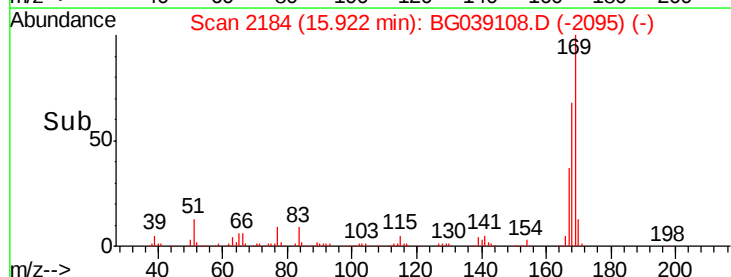
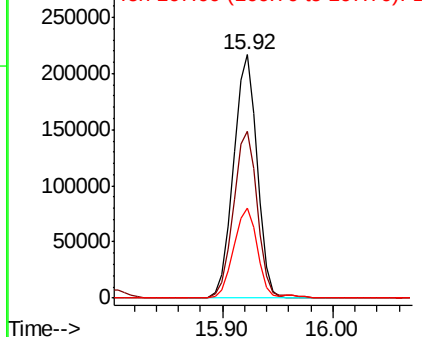
Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	169	Resp:	324521
Ion Ratio	Lower	Upper	
169	100		
168	68.5	53.2	79.8
167	36.7	29.1	43.7



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





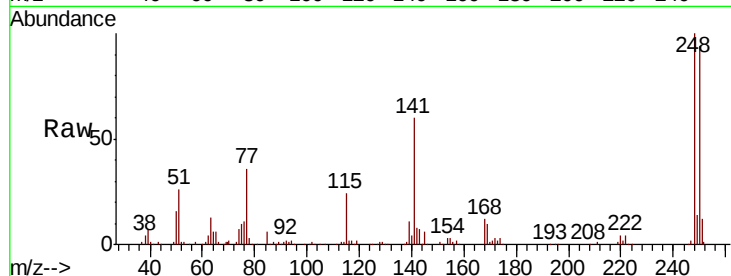
#67
 4-Bromophenyl-phenylether
 Concen: 49.206 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	79.9	119.9
141	60.2	52.7	79.1

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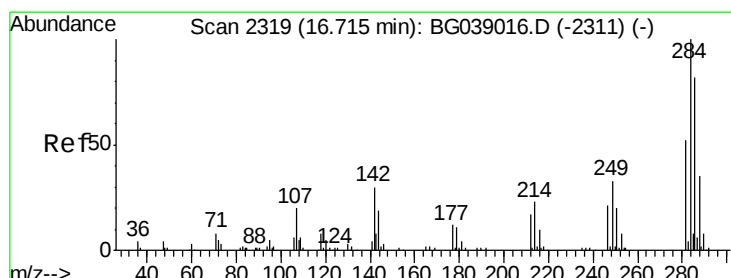
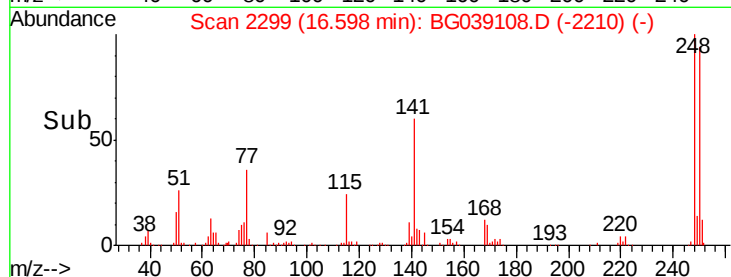
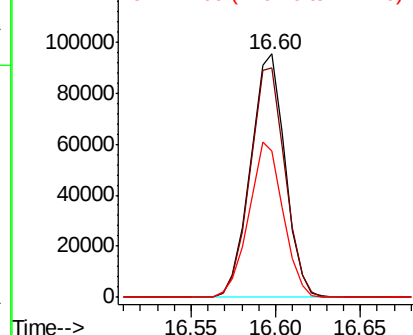


Abundance

Ion 248.00 (247.70 to 248.70): E

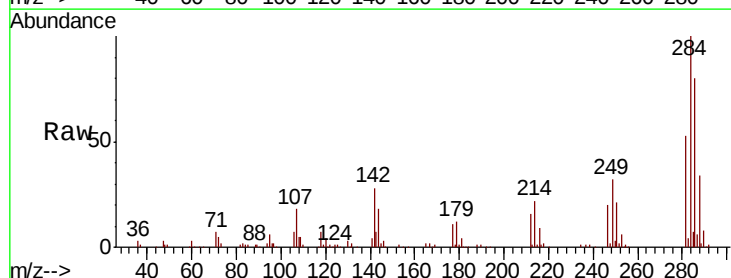
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.228 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	24.3	36.5
249	34.3	27.8	41.8

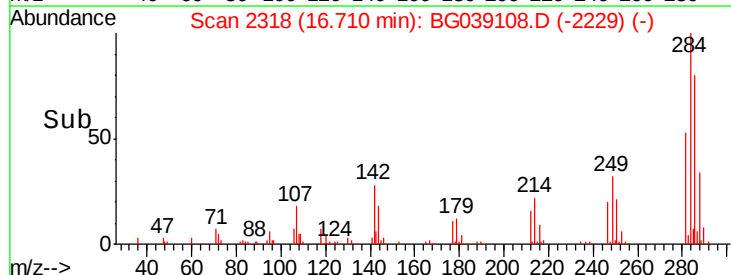
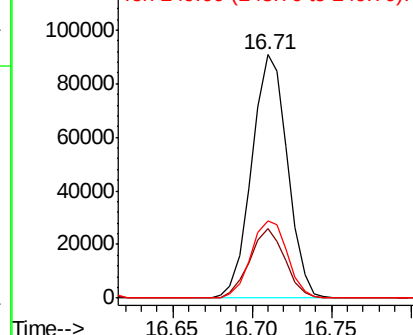


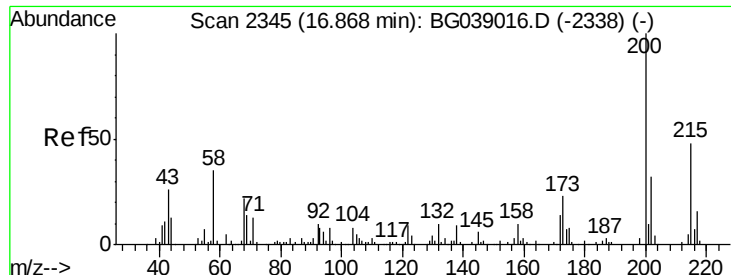
Abundance

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





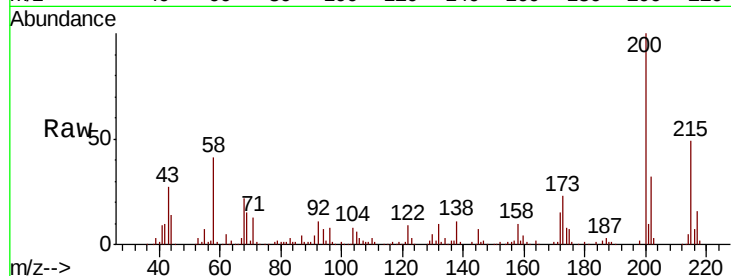
#69
 Atrazine
 Concen: 46.966 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-011019-AMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.5	2.6	42.6
215	49.0	28.0	68.0

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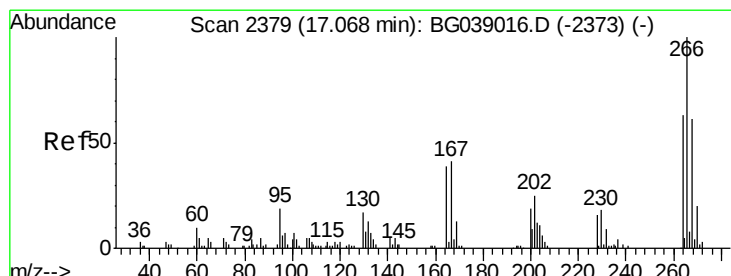
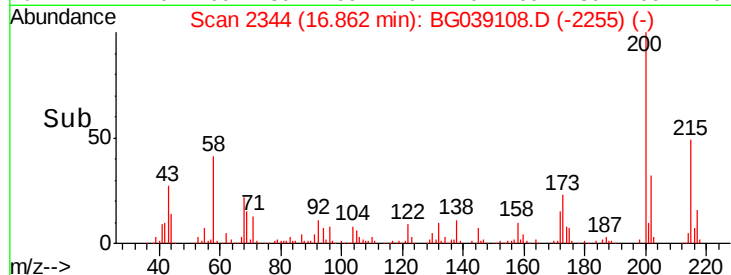
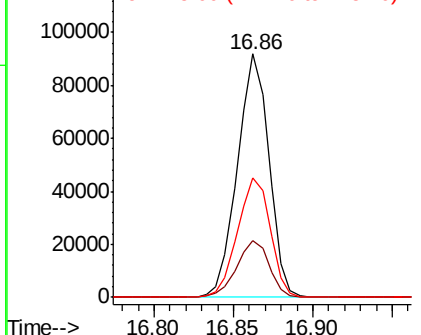


Abundance

Ion 200.00 (199.70 to 200.70): E

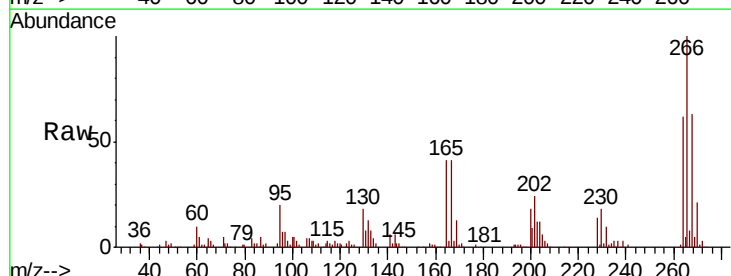
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 64.109 ng
 RT: 17.06 min Scan# 2378
 Delta R.T. -0.00 min
 Lab File: BG039108.D
 Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.9	52.0	78.0
264	61.9	54.6	81.8

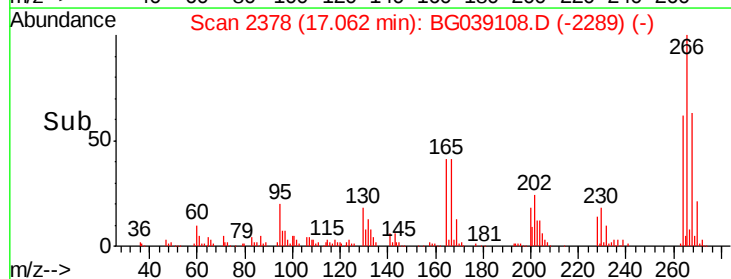
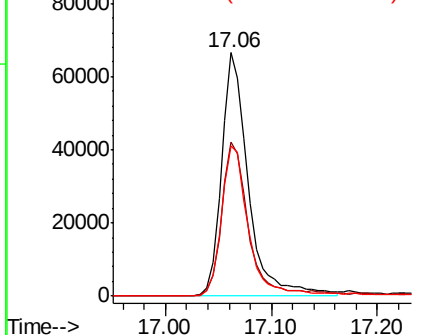


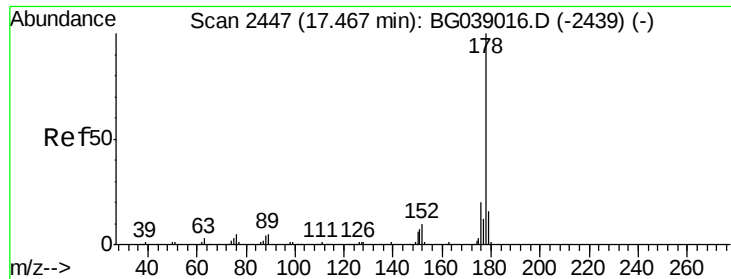
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





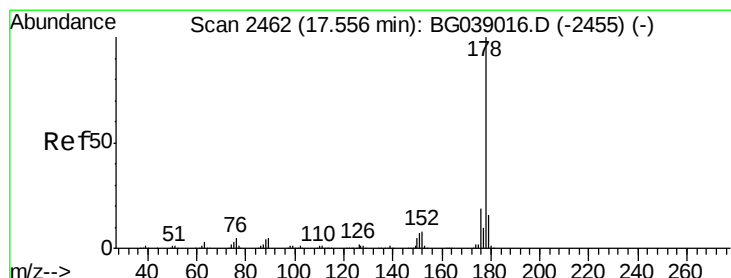
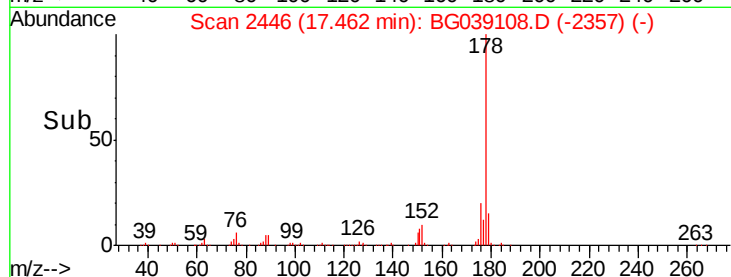
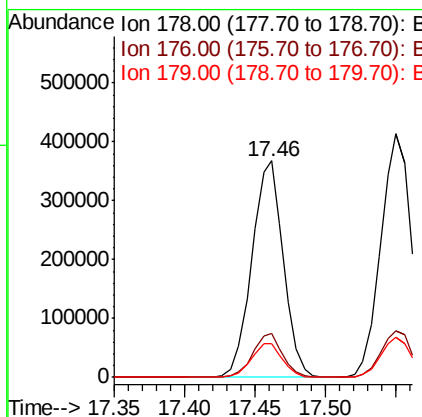
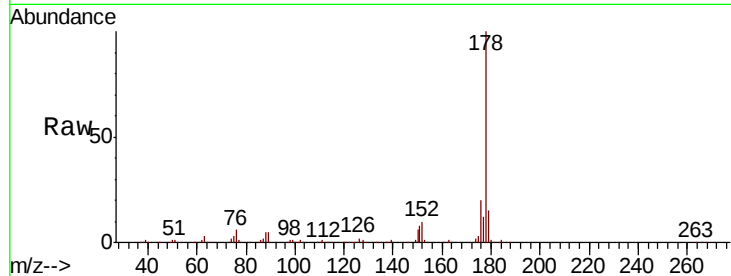
#71
Phenanthrene
Concen: 50.602 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.5	12.9	19.3

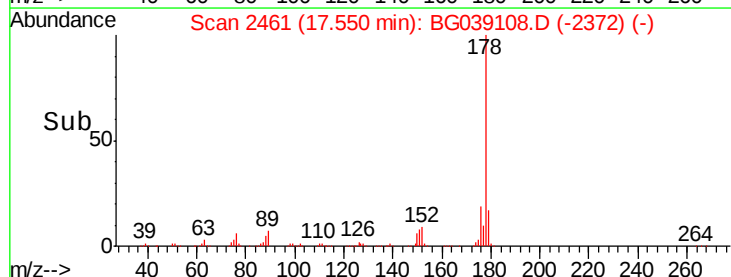
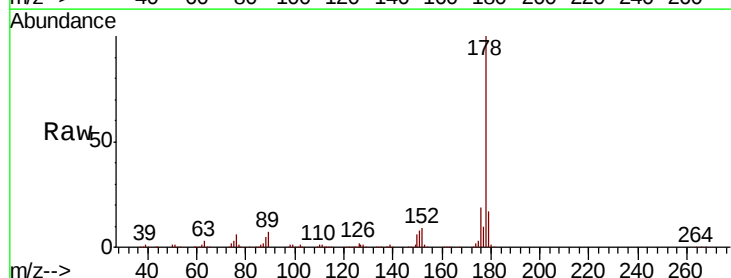
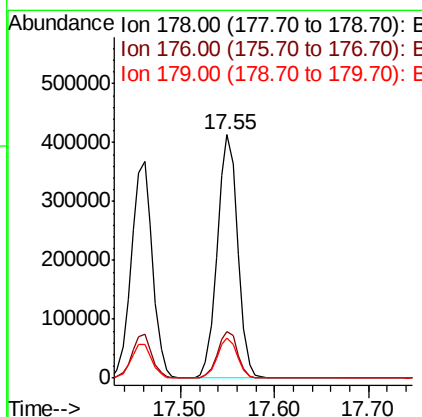
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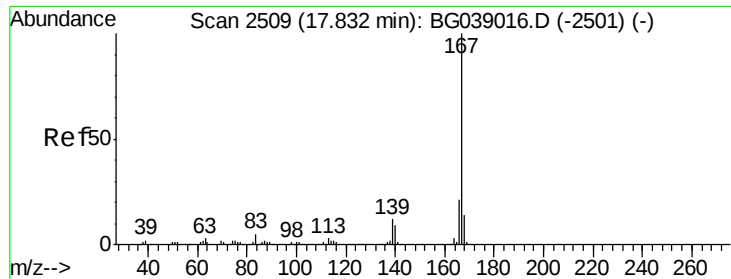
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#72
Anthracene
Concen: 55.896 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	16.6	13.0	19.4





#73

Carbazole

Concen: 44.061 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

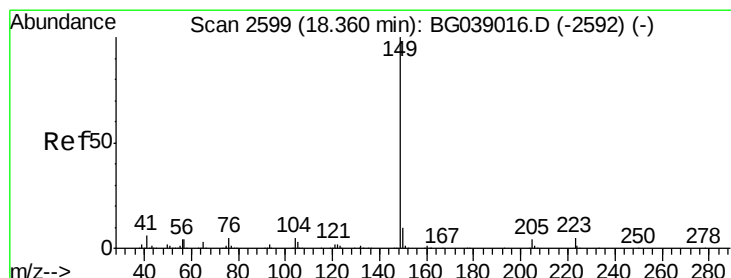
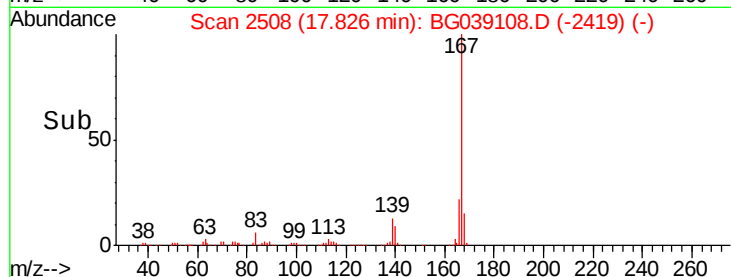
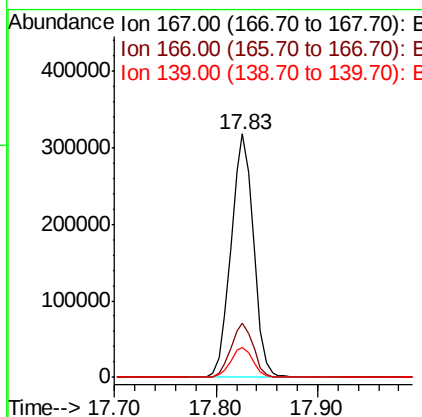
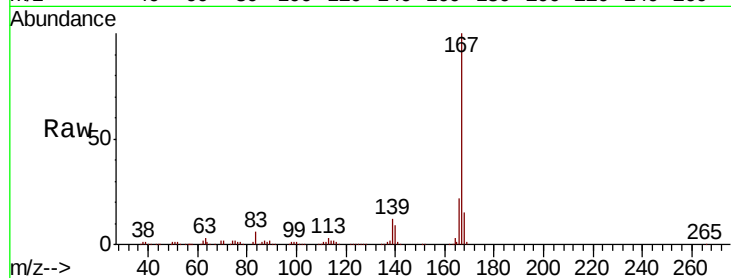
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	167	Resp:	487874
Ion Ratio	Lower	Upper	
167	100		
166	22.1	16.9	25.3
139	12.5	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 46.926 ng

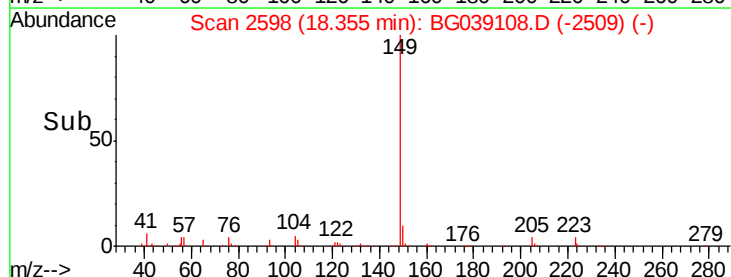
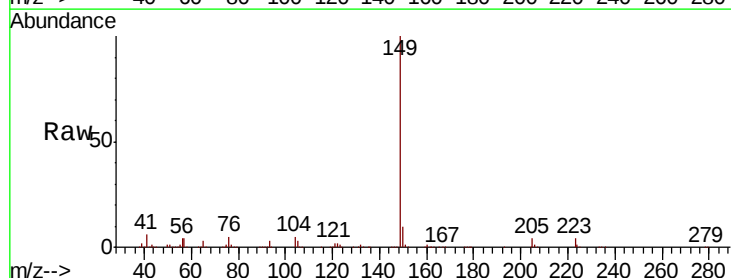
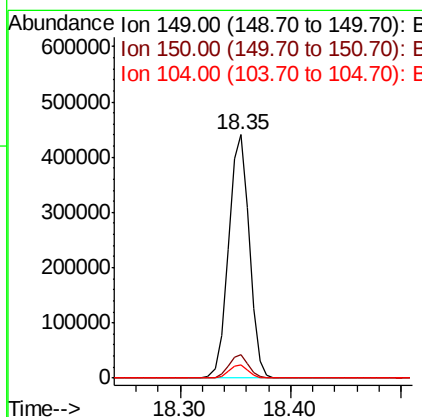
RT: 18.35 min Scan# 2598

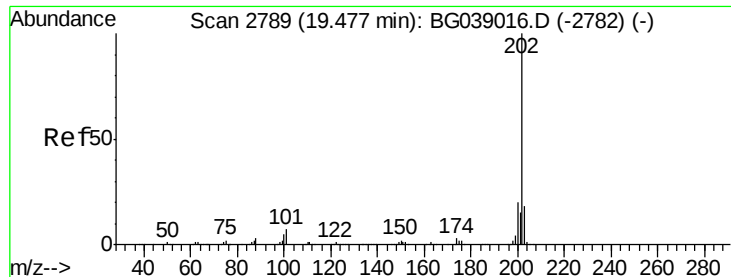
Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	149	Resp:	578031
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.9	11.9
104	5.5	4.2	6.2





#75

Fluoranthene

Concen: 46.329 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

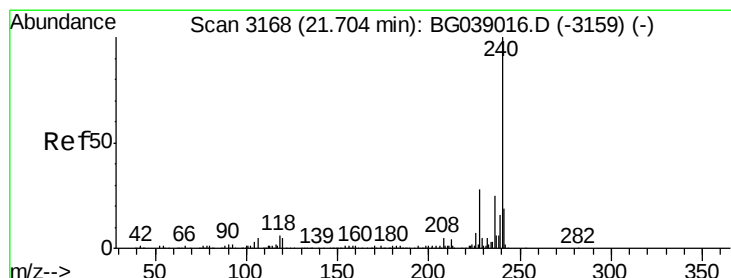
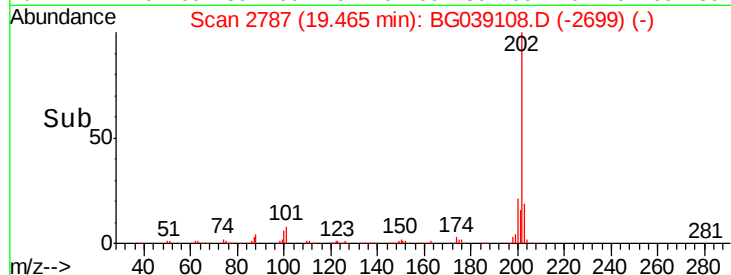
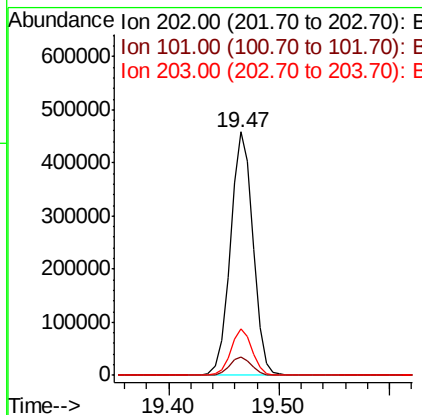
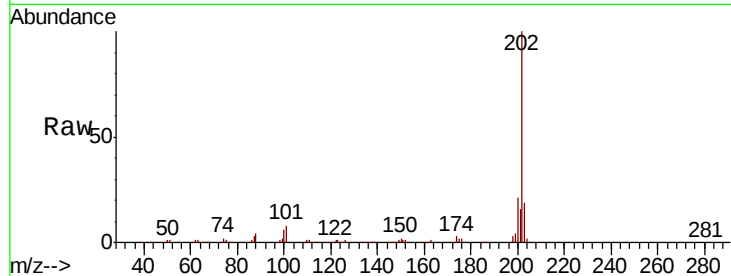
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	202	Resp:	651543
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	26.9
203	18.8	0.0	38.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

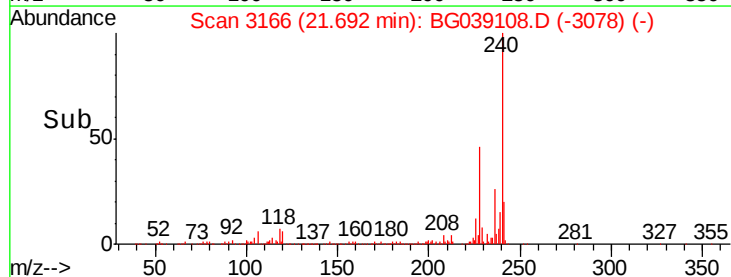
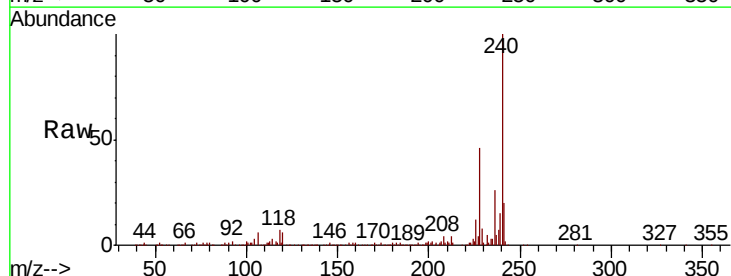
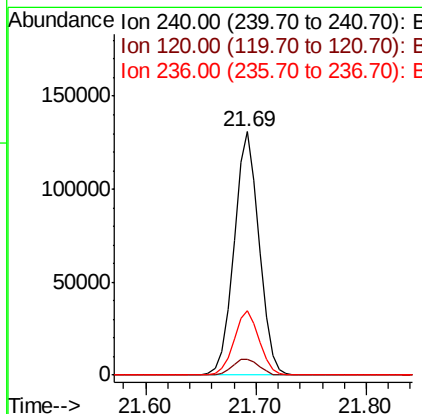
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	240	Resp:	207724
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.3	6.5
236	26.4	20.1	30.1





#77

Benzidine

Concen: 15.047 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

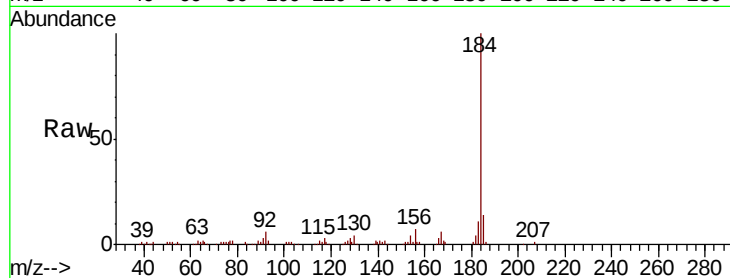
ClientSampleId :

OR-02-011019-AMSD

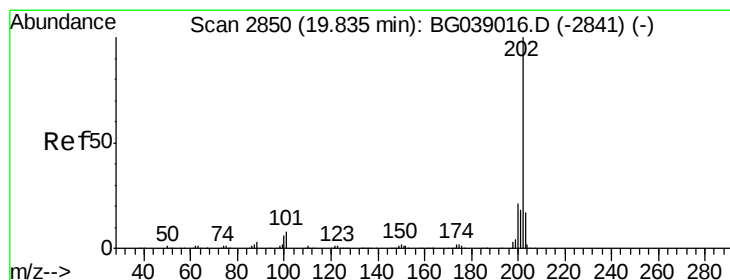
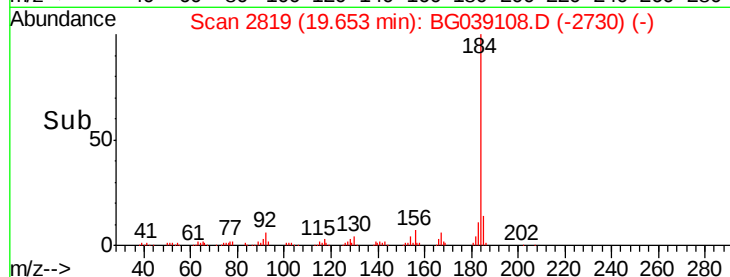
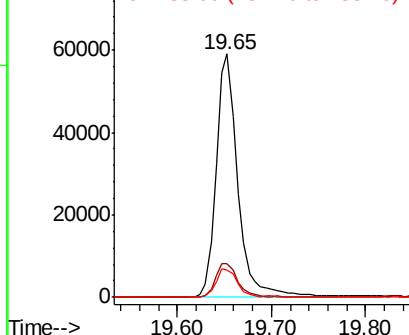
Tot Ion:	184	Resp:	95603
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.1	18.1
183	11.2	9.5	14.3

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: 49.709 ng

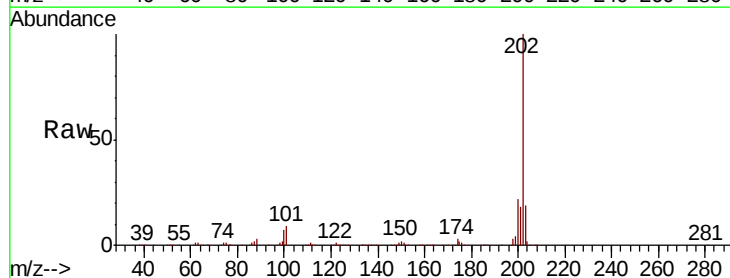
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

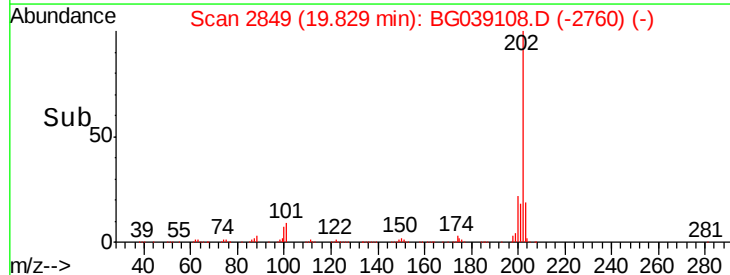
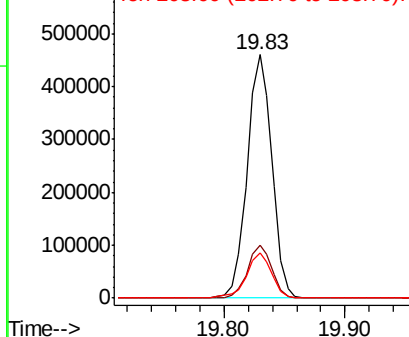
Lab File: BG039108.D

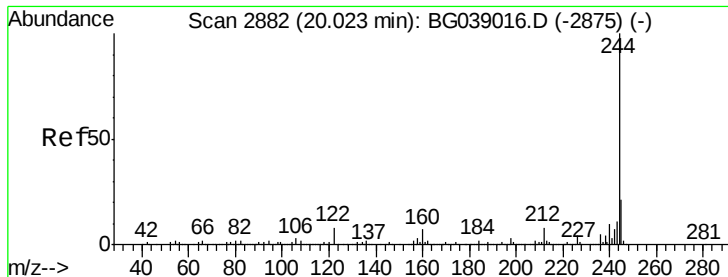
Acq: 12 Jan 2019 7:51

Tgt Ion:	202	Resp:	658047
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.6
203	18.6	14.0	21.0



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: 96.189 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

ClientSampleId :

OR-02-011019-AMSD

Tot Ion:244 Resp: 1080104

Ion Ratio Lower Upper

244 100

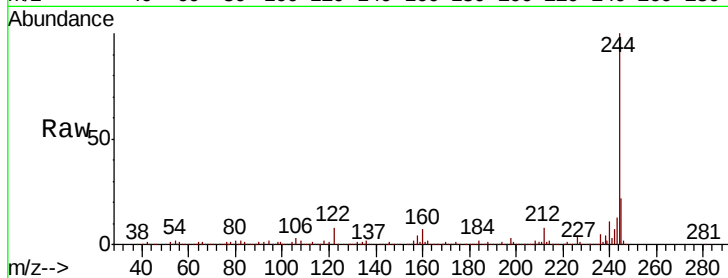
212 7.9 6.1 9.1

122 8.3 6.1 9.1

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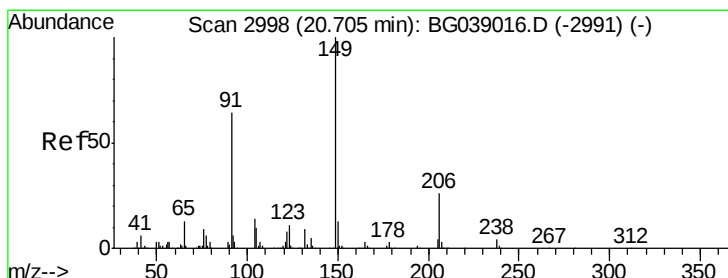
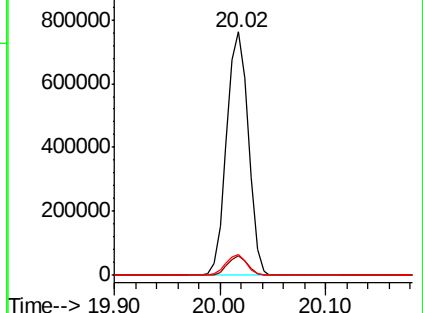
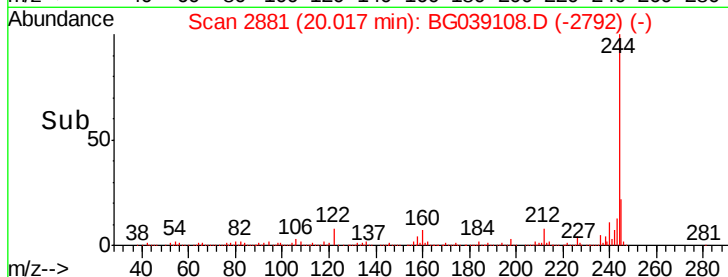
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.908 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

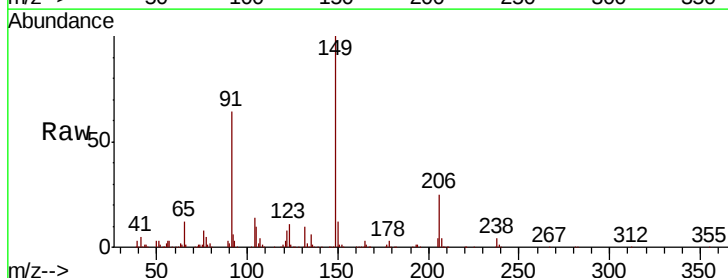
Tgt Ion:149 Resp: 286524

Ion Ratio Lower Upper

149 100

91 64.4 51.4 77.0

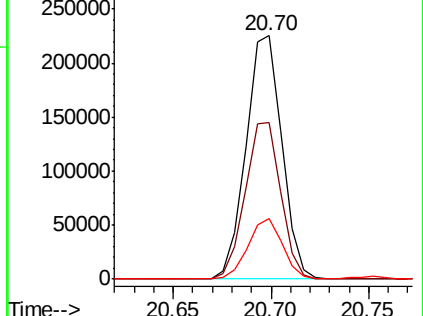
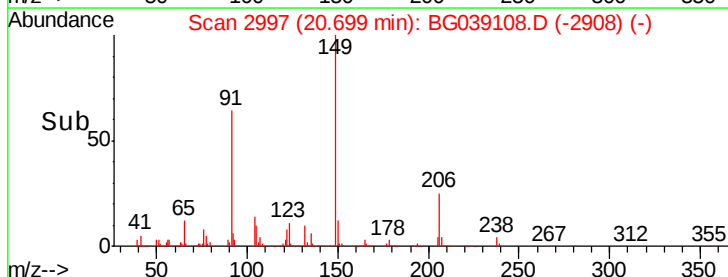
206 25.0 20.4 30.6

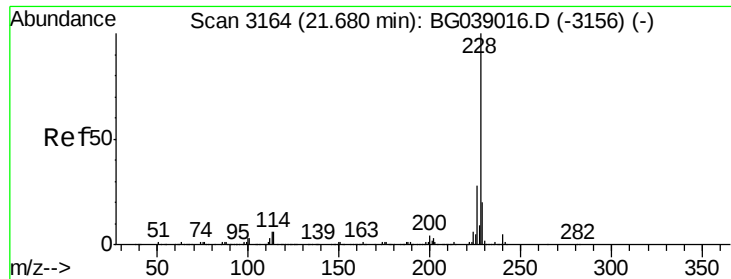


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





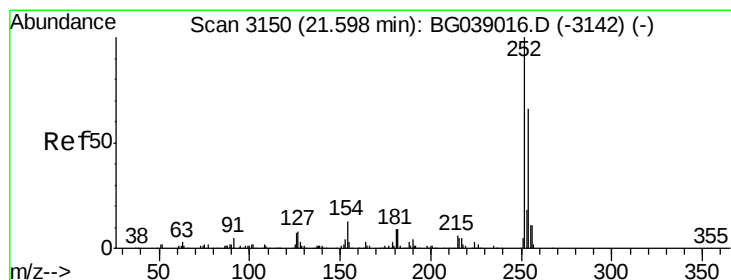
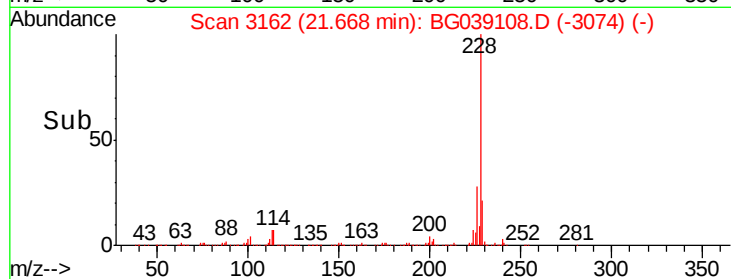
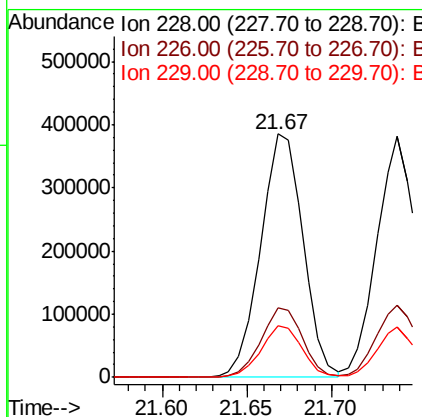
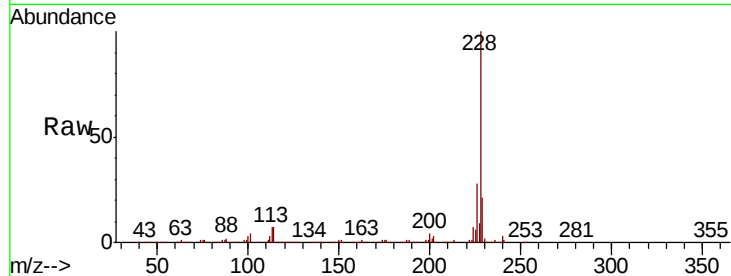
#81
Benzo(a)anthracene
Concen: 52.704 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	21.1	16.2	24.2

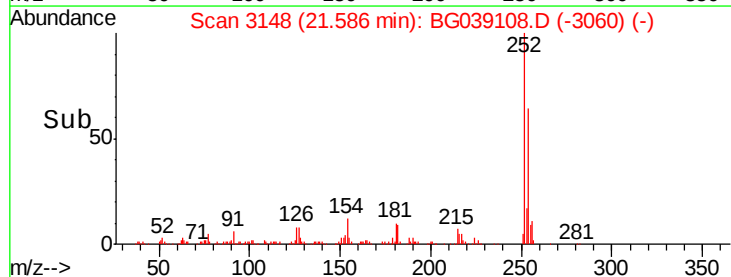
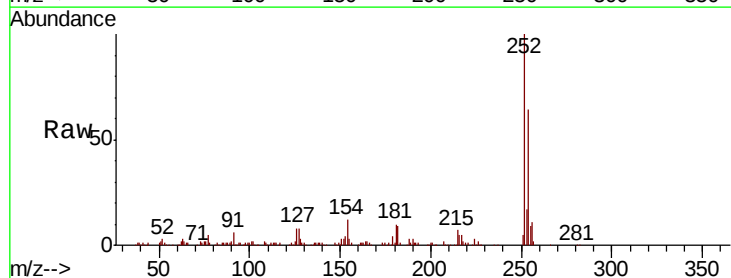
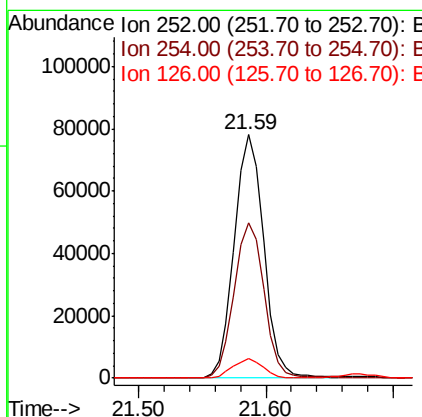
Manual Integrations
APPROVED

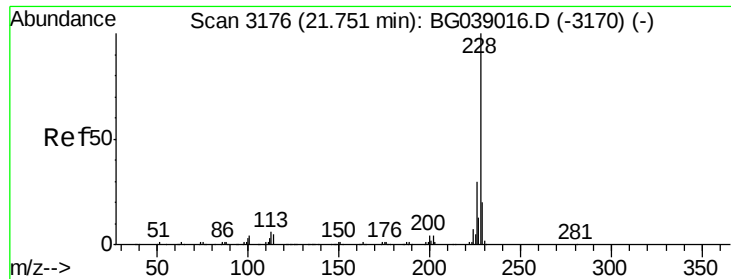
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 24.493 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.0	79.6
126	8.2	6.0	9.0





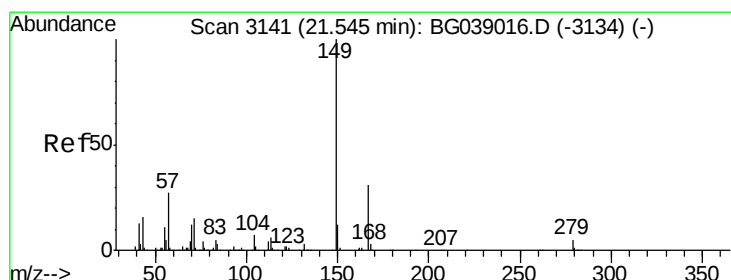
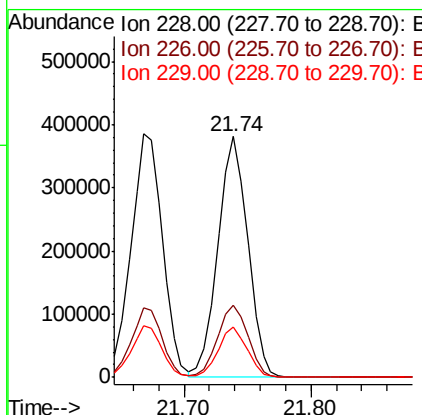
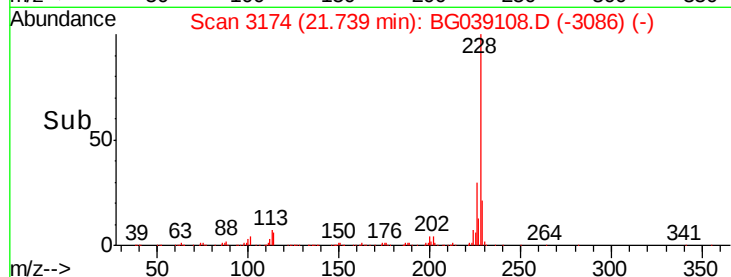
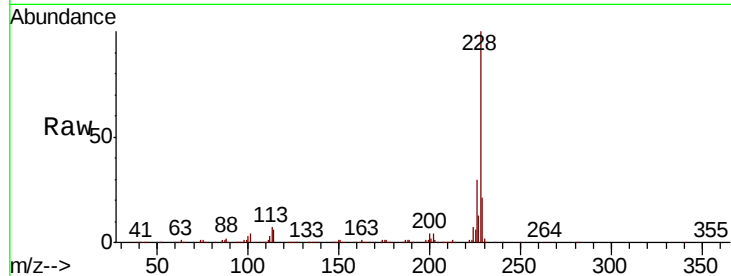
#83
Chrysene
Concen: 51.825 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.7	16.0	24.0

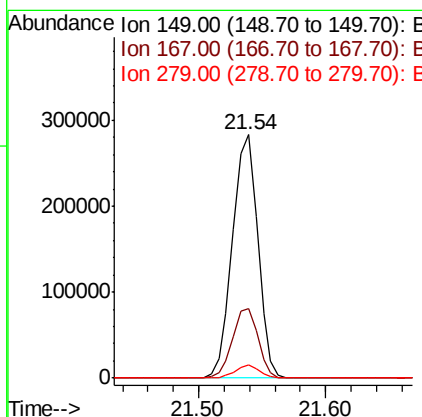
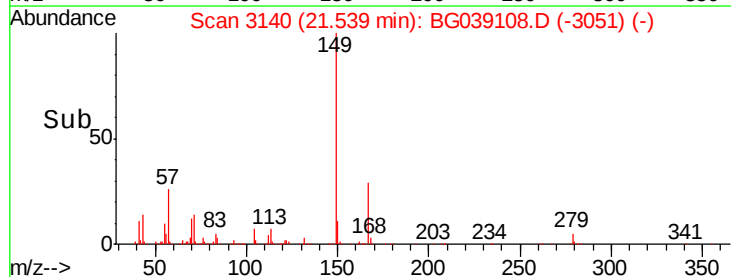
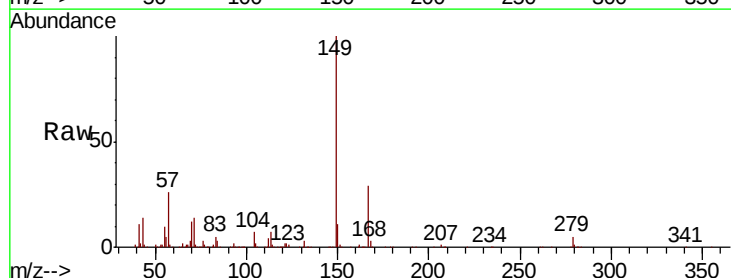
Manual Integrations
APPROVED

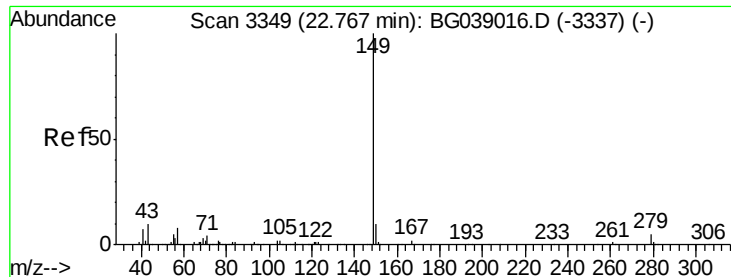
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#84
Bis(2-ethylhexyl)phthalate
Concen: 56.094 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	25.0	37.4
279	5.2	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 51.618 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

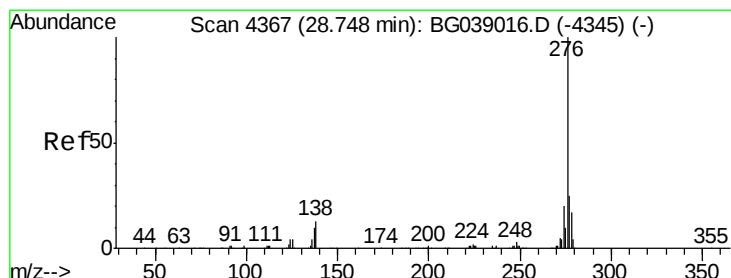
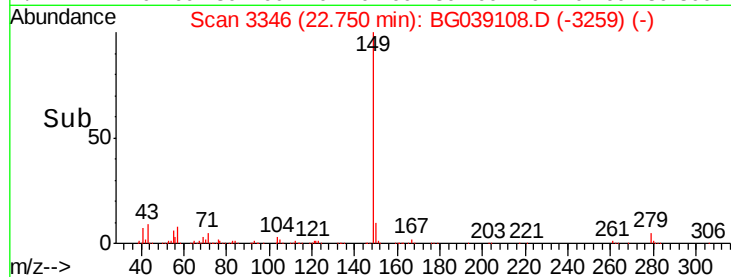
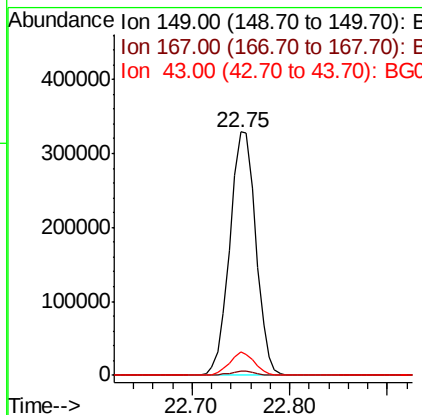
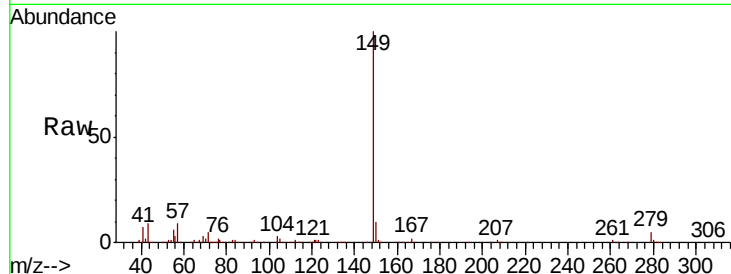
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	149	Resp:	610191
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.1	7.5	11.3

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 50.342 ng

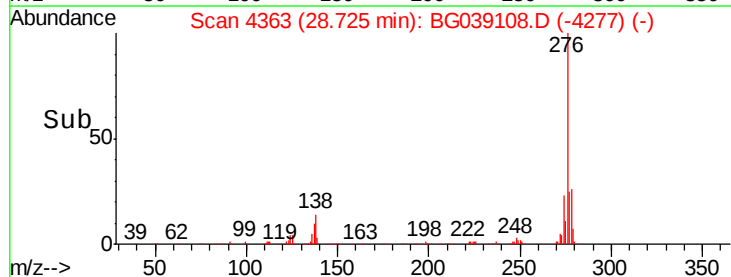
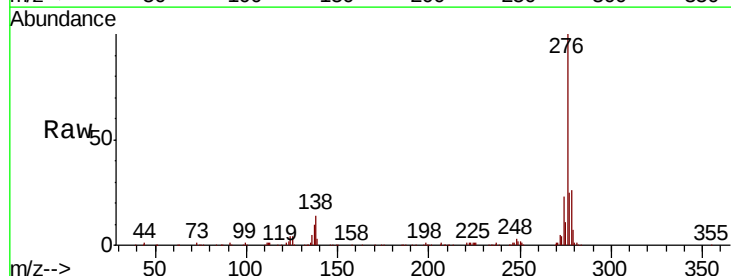
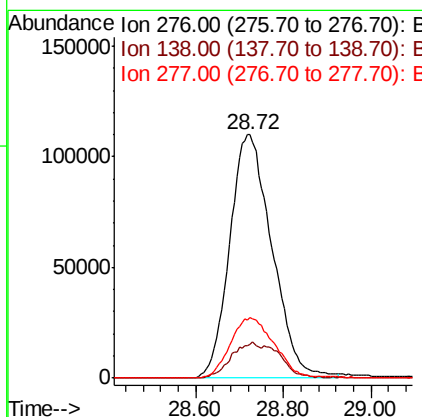
RT: 28.72 min Scan# 4363

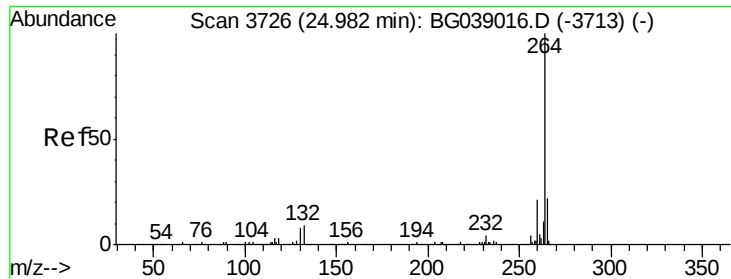
Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	276	Resp:	723458
Ion Ratio	Lower	Upper	
276	100		
138	9.8	8.0	12.0
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

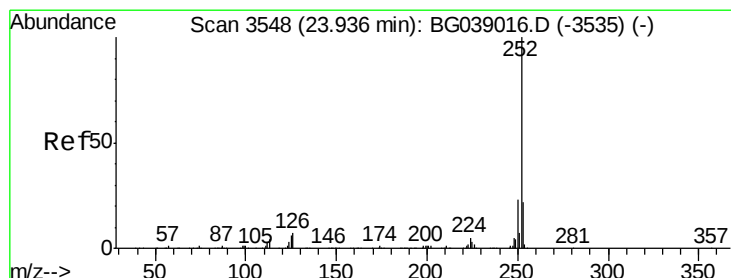
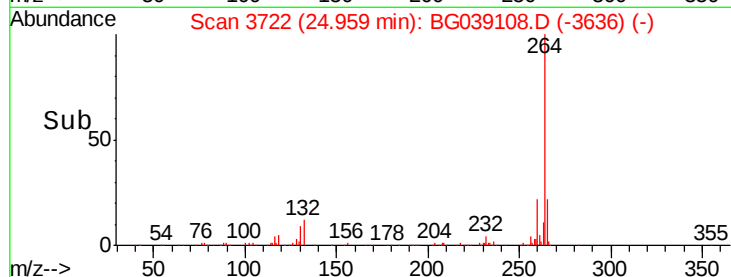
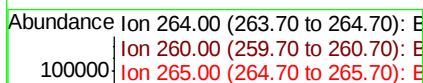
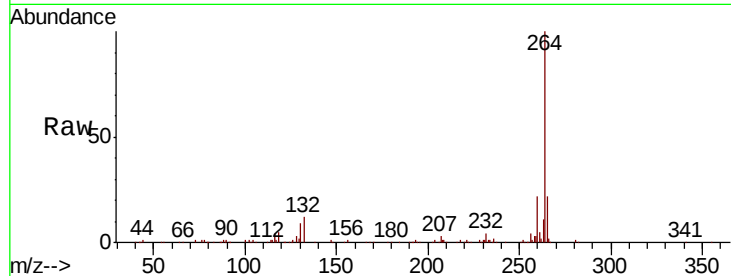
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	264	Resp:	222485
Ion Ratio	Lower	Upper	
264	100		
260	22.3	17.0	25.6
265	22.1	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 52.378 ng

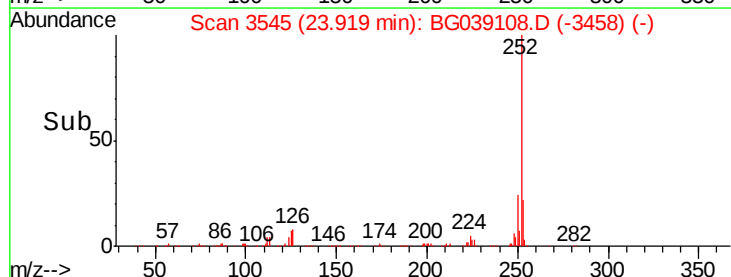
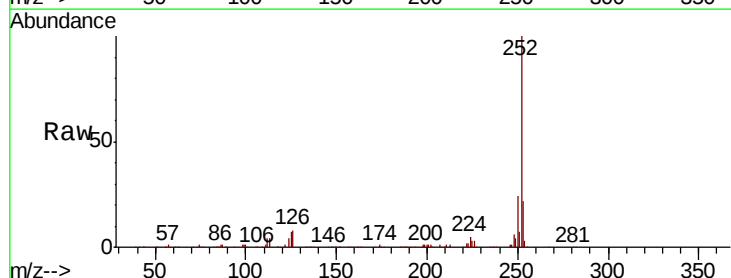
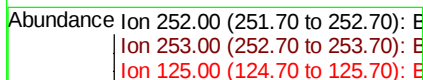
RT: 23.92 min Scan# 3545

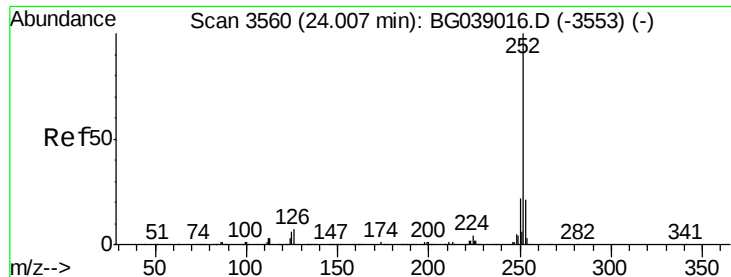
Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	252	Resp:	642560
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	6.5	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 49.874 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.02 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Instrument :

BNA_G

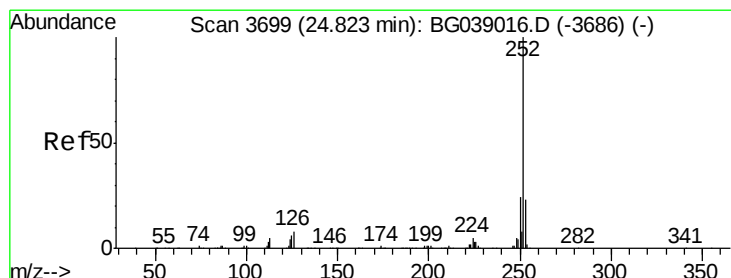
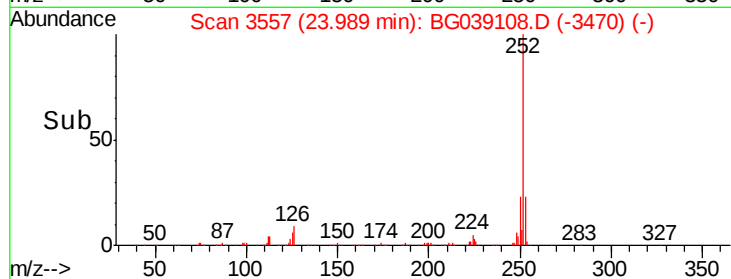
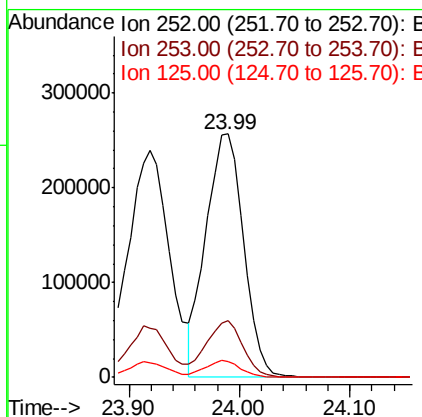
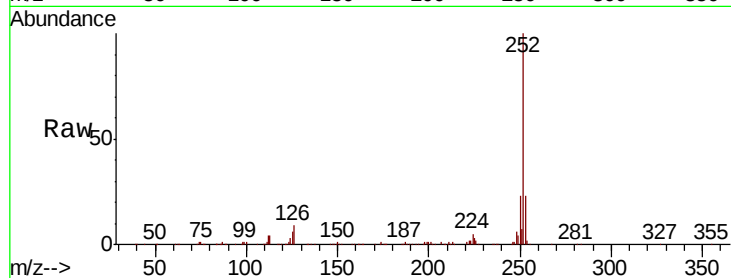
ClientSampleId :

OR-02-011019-AMSD

Tot Ion:	252	Resp:	604948
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	6.4	4.6	7.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 53.503 ng

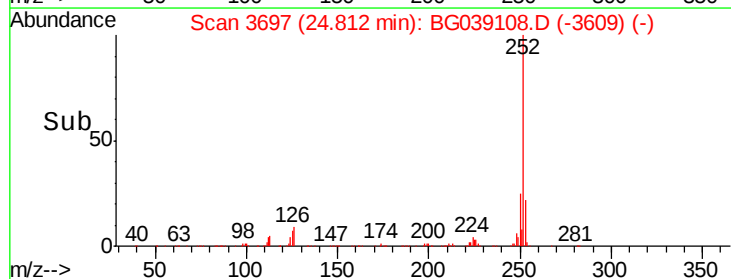
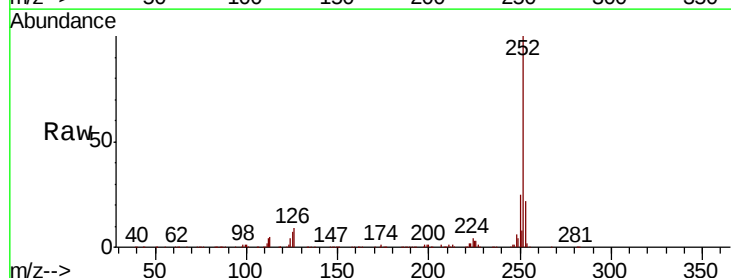
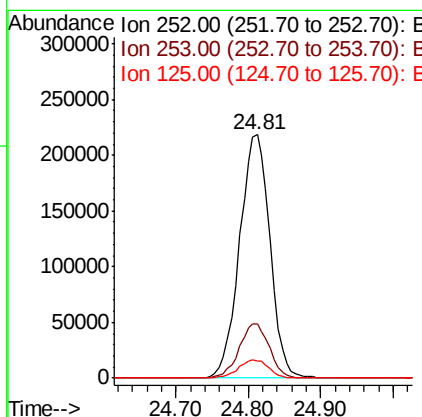
RT: 24.81 min Scan# 3697

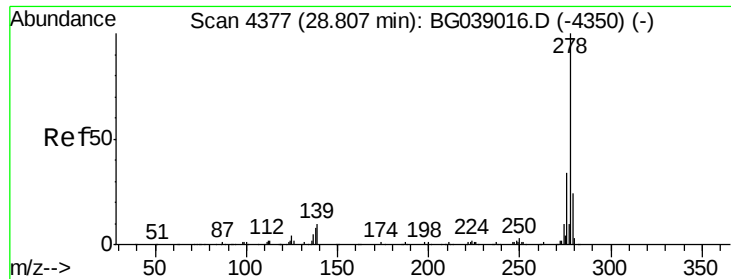
Delta R.T. -0.01 min

Lab File: BG039108.D

Acq: 12 Jan 2019 7:51

Tgt Ion:	252	Resp:	634432
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.3	27.5
125	7.0	4.9	7.3





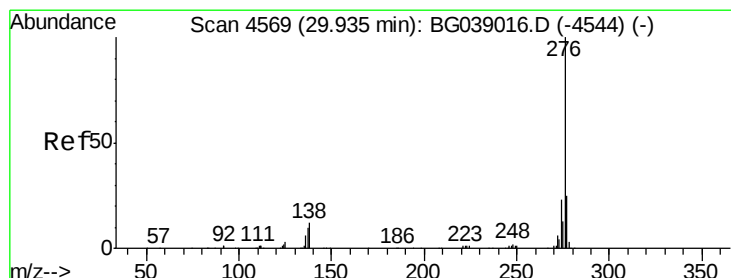
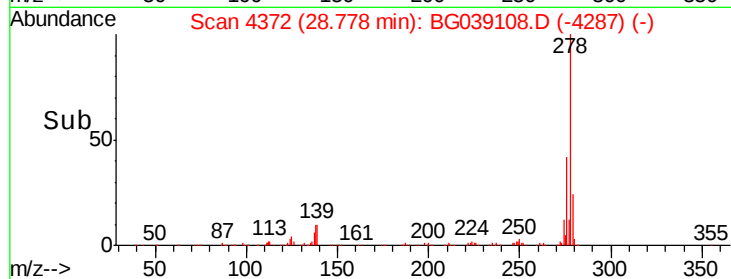
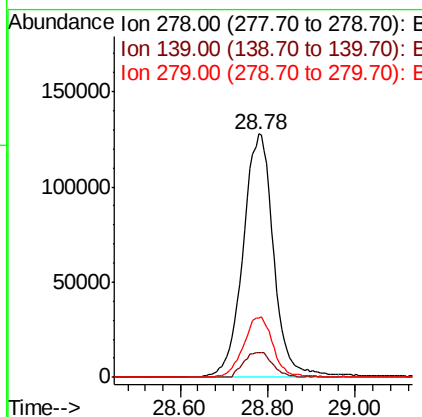
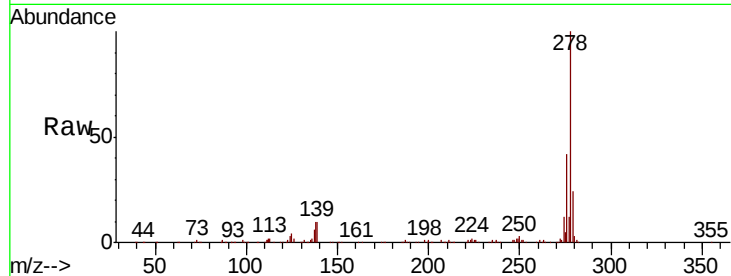
#91
Dibenzo(a,h)anthracene
Concen: 51.036 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	7.9	11.9
279	24.2	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/14/2019 4:31:27 PM



#92
Benzo(g,h,i)perylene
Concen: 53.493 ng
RT: 29.91 min Scan# 4565
Delta R.T. -0.02 min
Lab File: BG039108.D
Acq: 12 Jan 2019 7:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.3	30.5
138	14.3	9.4	14.2#

