

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039875.D
 Acq On : 12 Mar 2019 15:35
 Operator : JU/SJ
 Sample : K1830-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Manual Integrations
 APPROVED

Sohil
 3/13/2019 5:49:24 PM

Quant Time: Mar 13 06:40:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41842	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	185337	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	130719	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	321928	20.00	ng	0.00
76) Chrysene-d12	21.81	240	324006	20.00	ng	0.00
87) Perylene-d12	25.18	264	327938	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	326326	133.05	ng	0.00
7) Phenol-d6	7.30	99	485656	132.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	277782	81.06	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	198457	130.25	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	686026	74.72	ng	0.00
79) Terphenyl-d14	20.12	244	1098715	74.66	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.59	88	38153	33.695 ng	97
3) Pyridine	3.99	79	43675	14.408 ng	97
4) n-Nitrosodimethylamine	3.91	42	56120	39.024 ng	86
6) Aniline	7.48	93	130754	27.290 ng	99
8) 2-Chlorophenol	7.72	128	118129	39.701 ng	94
9) Benzaldehyde	7.29	77	56991	24.159 ng	96
10) Phenol	7.33	94	172044	43.427 ng	99
11) bis(2-Chloroethyl)ether	7.57	93	111316	36.038 ng	97
12) 1,3-Dichlorobenzene	8.04	146	123692	36.756 ng	99
13) 1,4-Dichlorobenzene	8.19	146	123839	36.128 ng	98
14) 1,2-Dichlorobenzene	8.51	146	119428	36.061 ng	99
15) Benzyl Alcohol	8.39	79	116381	40.119 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	222916	36.084 ng	99
17) 2-Methylphenol	8.59	107	107861	42.698 ng	97
18) Hexachloroethane	9.23	117	43335	35.234 ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	94572	35.929 ng	96
20) 3+4-Methylphenols	8.92	107	150972	43.020 ng	98
22) Acetophenone	8.98	105	181439	36.475 ng	# 96
24) Nitrobenzene	9.37	77	140565	39.100 ng	97
25) Isophorone	9.88	82	275676	38.393 ng	99
26) 2-Nitrophenol	10.08	139	70536	40.638 ng	96
27) 2,4-Dimethylphenol	10.13	122	127564	47.254 ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	163226	37.407 ng	98
29) 2,4-Dichlorophenol	10.61	162	137365	45.195 ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	128343	37.526 ng	99
31) Naphthalene	11.02	128	372376	37.948 ng	99
32) Benzoic acid	10.25	122	52184	30.882 ng	90
33) 4-Chloroaniline	11.14	127	112873	27.126 ng	95
34) Hexachlorobutadiene	11.29	225	83954	35.922 ng	94
35) Caprolactam	11.92	113	50739m	43.702 ng	
36) 4-Chloro-3-methylphenol	12.23	107	150182	43.105 ng	94
37) 2-Methylnaphthalene	12.62	142	289071	39.403 ng	98
38) 1-Methylnaphthalene	12.83	142	278539	39.068 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	160841	36.320 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	200561	84.510	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	115060	44.379	nq	99
44) 2,4,5-Trichlorophenol	13.29	196	122433	41.895	nq	98
46) 1,1'-Biphenyl	13.62	154	398166	37.034	nq	99
47) 2-Chloronaphthalene	13.66	162	312462	38.632	nq	98
48) 2-Nitroaniline	13.87	65	113092	43.509	nq	99
49) Acenaphthylene	14.51	152	503181	37.897	nq	98
50) Dimethylphthalate	14.23	163	487423	44.593	nq	99
51) 2,6-Dinitrotoluene	14.36	165	95449	41.191	nq	93
52) Acenaphthene	14.84	154	306107	38.304	nq	99
53) 3-Nitroaniline	14.69	138	77070	33.087	nq	# 94
54) 2,4-Dinitrophenol	14.90	184	104512	72.076	nq	97
55) Dibenzofuran	15.18	168	504595	38.485	nq	98
56) 4-Nitrophenol	14.98	139	165429	79.391	nq	91
57) 2,4-Dinitrotoluene	15.14	165	137001	42.077	nq	85
58) Fluorene	15.82	166	401646	38.966	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	124877	43.754	nq	98
60) Diethylphthalate	15.58	149	432096	39.933	nq	99
61) 4-Chlorophenyl-phenylether	15.81	204	211661	38.482	nq	97
62) 4-Nitroaniline	15.86	138	102413	40.556	nq	93
63) Azobenzene	16.10	77	386924	39.448	nq	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	77152	40.533	nq	97
66) n-Nitrosodiphenylamine	16.02	169	375930	40.336	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	140222	38.913	nq	96
68) Hexachlorobenzene	16.82	284	142669	38.196	nq	97
69) Atrazine	16.96	200	148365	40.449	nq	97
70) Pentachlorophenol	17.16	266	180446	76.493	nq	99
71) Phenanthrene	17.57	178	673538	37.984	nq	99
72) Anthracene	17.66	178	679586	39.328	nq	99
73) Carbazole	17.93	167	605095	38.843	nq	99
74) Di-n-butylphthalate	18.46	149	722925	39.443	nq	100
75) Fluoranthene	19.57	202	798649	38.110	nq	99
77) Benzidine	19.75	184	75032	7.298	nq	99
78) Pyrene	19.93	202	795864	37.801	nq	99
80) Butylbenzylphthalate	20.79	149	342864	42.034	nq	96
81) Benzo(a)anthracene	21.79	228	752730	37.069	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	214709	28.961	nq	98
83) Chrysene	21.86	228	727261	36.942	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	459336	40.073	nq	# 98
85) Di-n-octyl phthalate	22.91	149	794318	41.852	nq	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	845375	37.853	nq	# 96
88) Benzo(b)fluoranthene	24.10	252	751081	38.407	nq	98
89) Benzo(k)fluoranthene	24.17	252	735161	40.386	nq	99
90) Benzo(a)pyrene	25.02	252	736132	40.737	nq	98
91) Dibenzo(a,h)anthracene	29.13	278	688925	38.888	nq	99
92) Benzo(g,h,i)perylene	30.29	276	688875	38.718	nq	98

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



#1

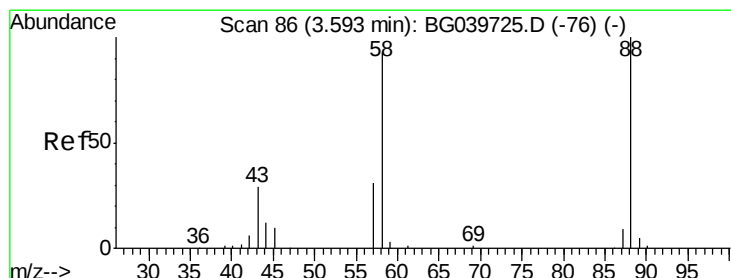
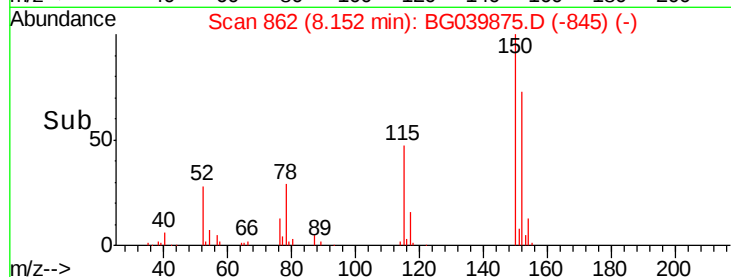
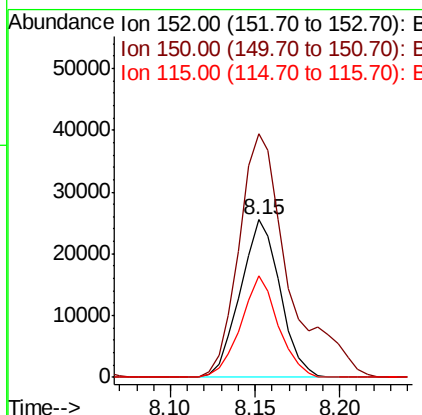
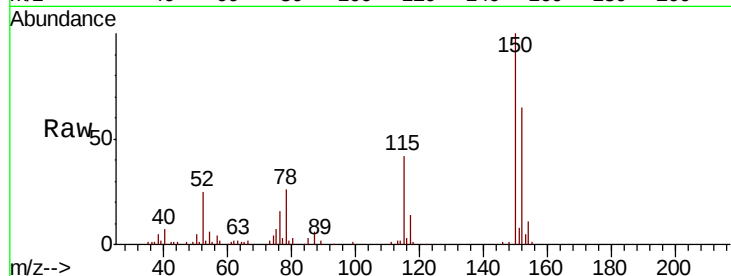
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.7	185.5
115	64.8	45.9	68.9

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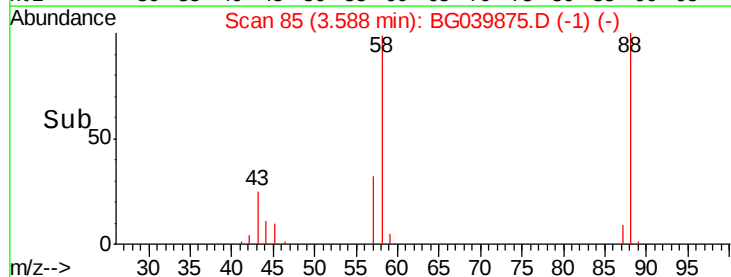
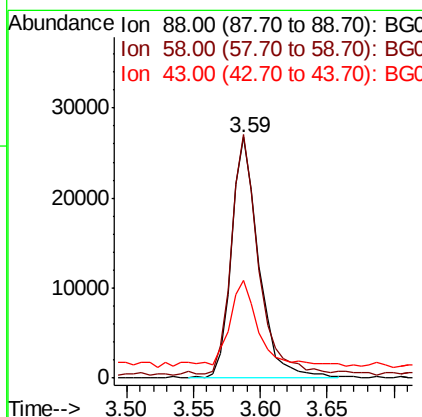
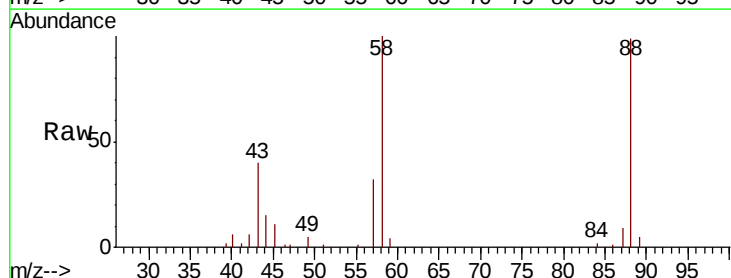
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#2

1,4-Dioxane
Concen: 33.695 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	81.1	121.7
43	38.2	31.4	47.0





#3

Pvridine

Concen: 14.408 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

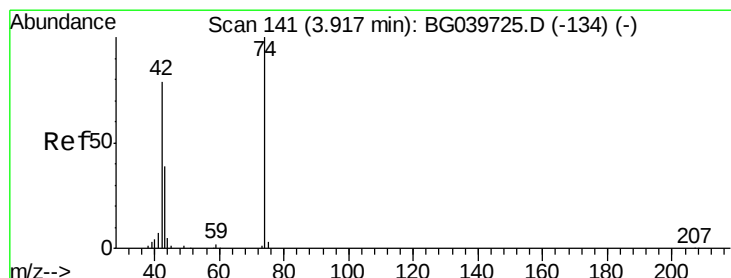
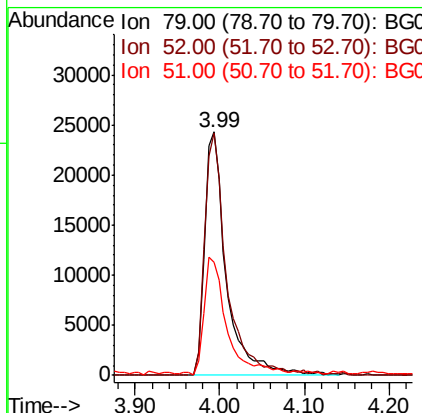
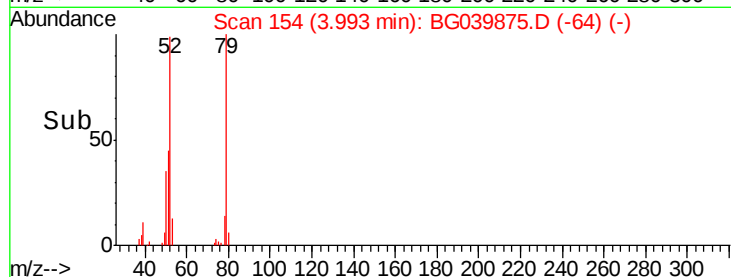
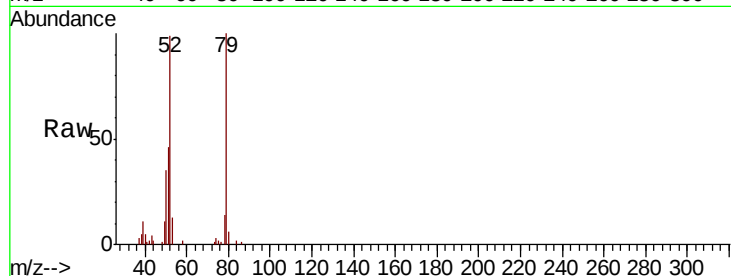
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	79	Resp:	43675
Ion Ratio	Lower	Upper	
79	100		
52	99.4	82.6	124.0
51	46.3	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.024 ng

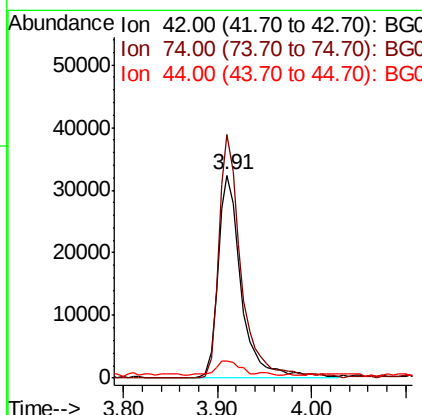
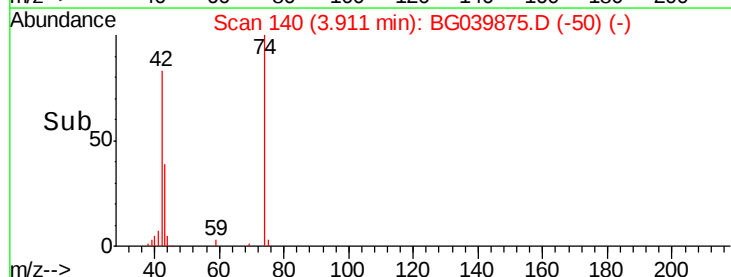
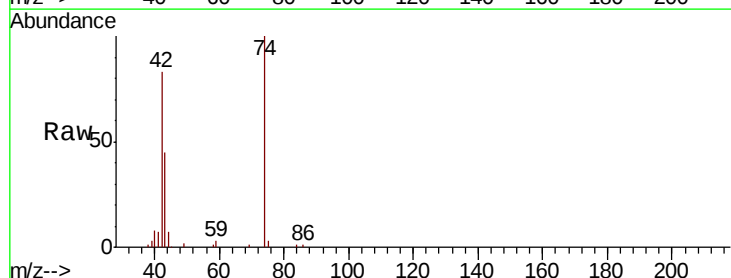
RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	42	Resp:	56120
Ion Ratio	Lower	Upper	
42	100		
74	119.9	83.6	125.4
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 133.052 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

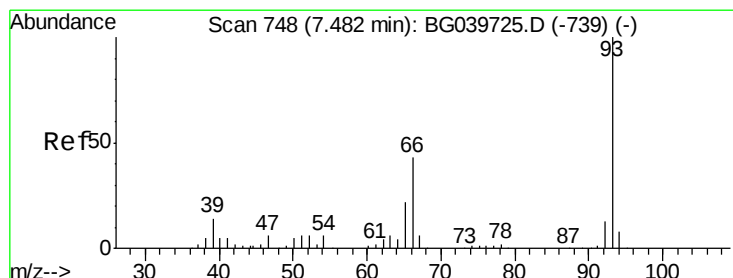
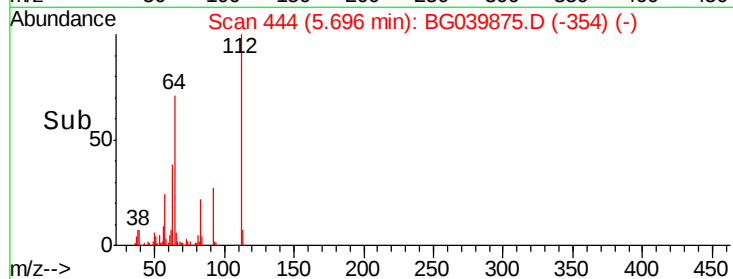
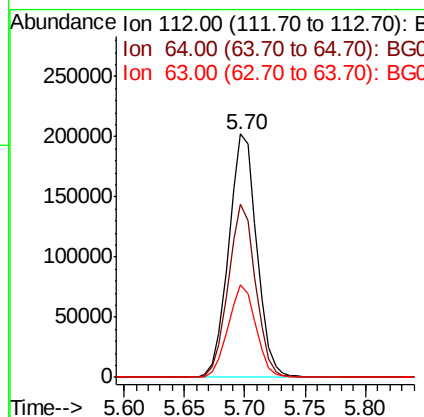
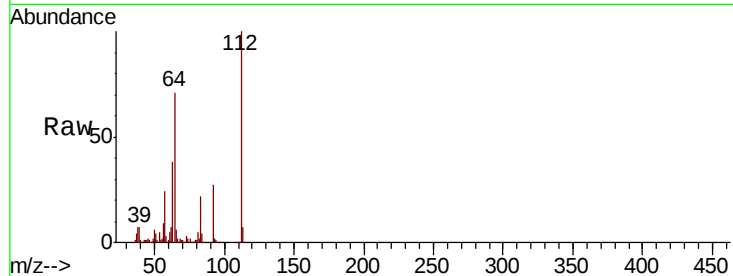
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	112	Resp:	326326
Ion Ratio	Lower	Upper	
112	100		
64	71.1	57.8	86.8
63	38.1	29.8	44.6

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#6

Aniline

Concen: 27.290 ng

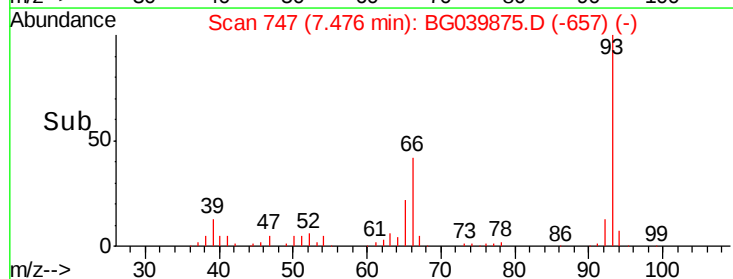
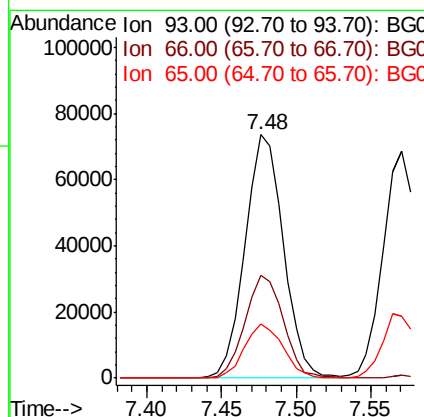
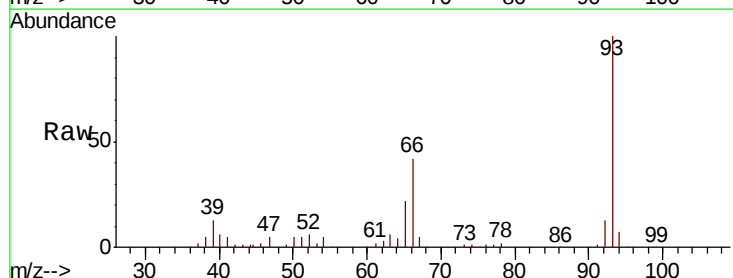
RT: 7.48 min Scan# 747

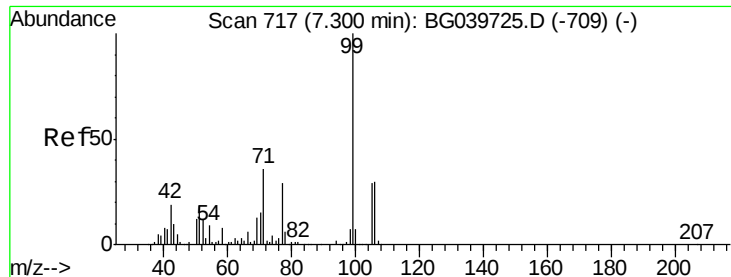
Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	93	Resp:	130754
Ion Ratio	Lower	Upper	
93	100		
66	42.2	34.2	51.4
65	22.5	17.7	26.5





#7

Phenol-d6

Concen: 132.802 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

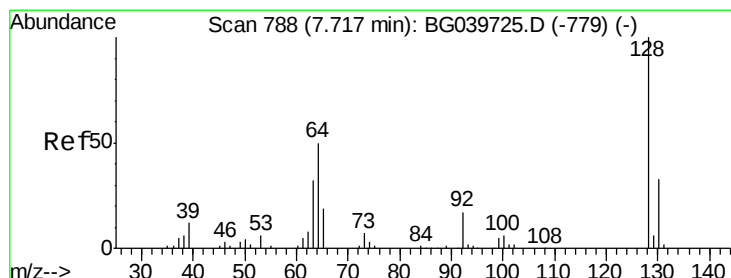
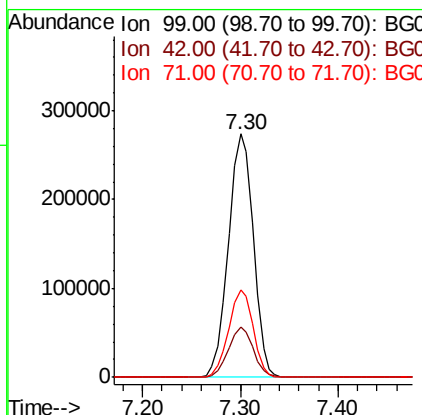
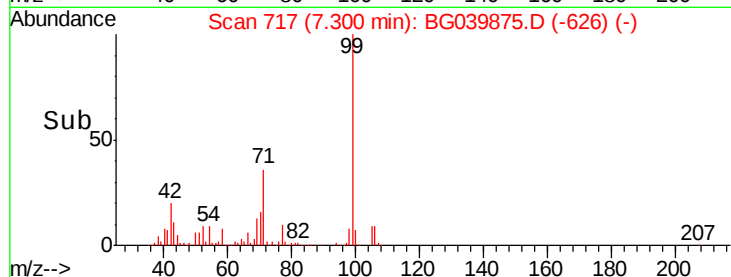
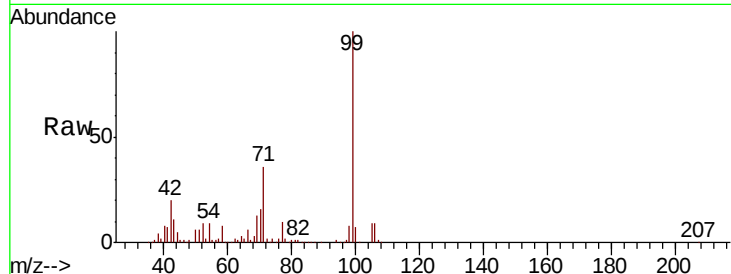
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		485656		
42	20.5	18.2	27.2		
71	36.0	28.0	42.0		

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#8

2-Chlorophenol

Concen: 39.701 ng

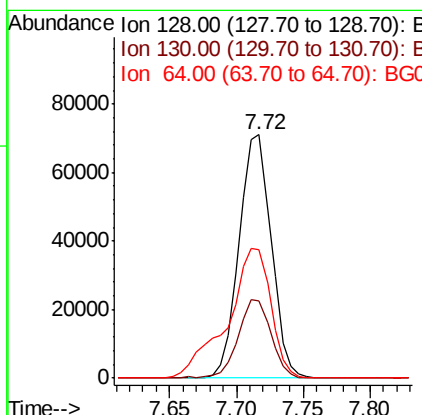
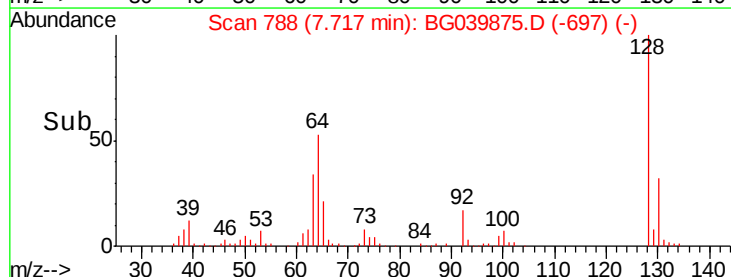
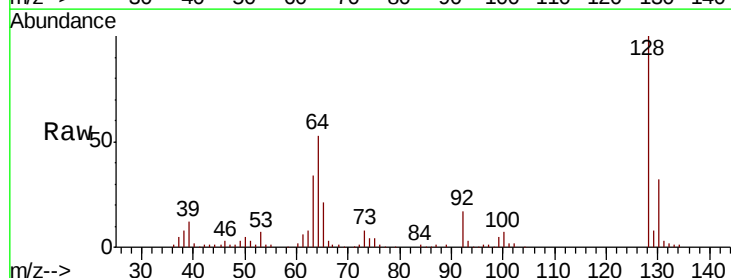
RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		118129		
130	31.9	12.9	52.9		
64	52.5	38.7	78.7		





#9

Benzaldehyde

Concen: 24.159 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

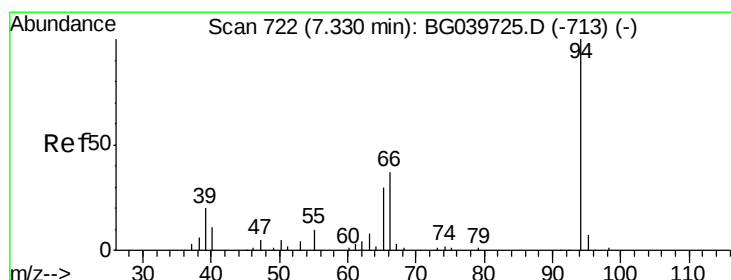
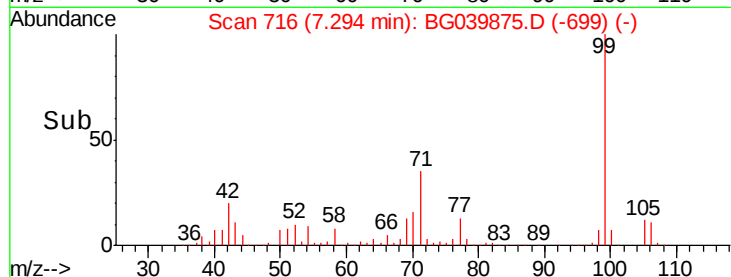
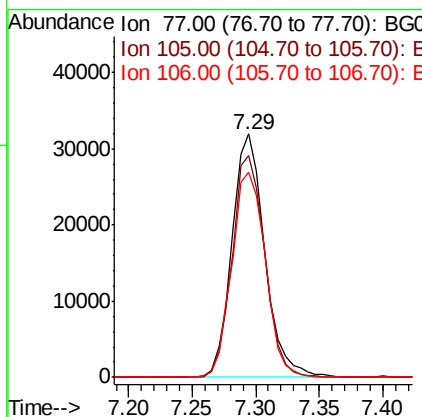
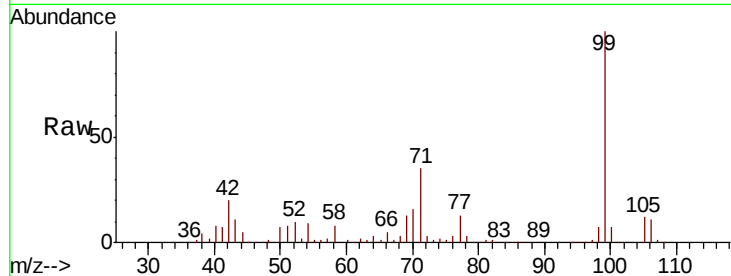
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	77	Resp:	56991
Ion Ratio	Lower	Upper	
77	100		
105	91.1	74.5	114.5
106	84.1	68.0	108.0

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#10

Phenol

Concen: 43.427 ng

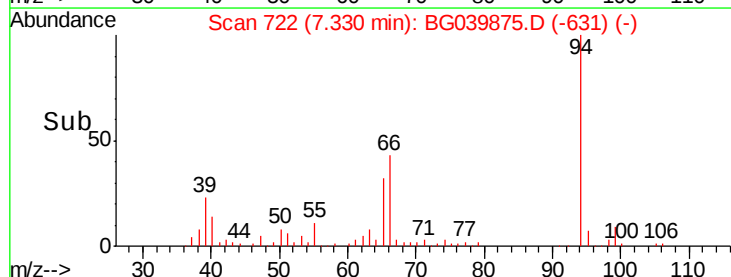
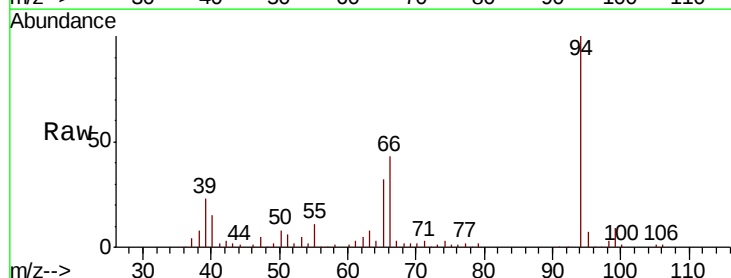
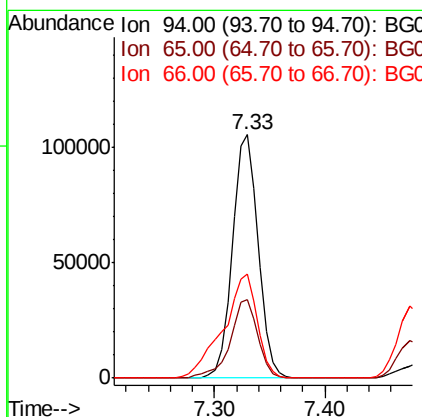
RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	94	Resp:	172044
Ion Ratio	Lower	Upper	
94	100		
65	32.0	11.7	51.7
66	42.6	23.7	63.7





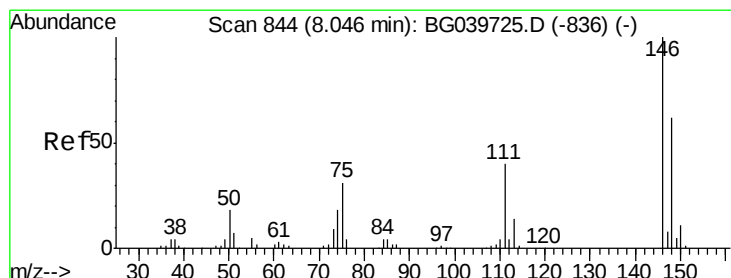
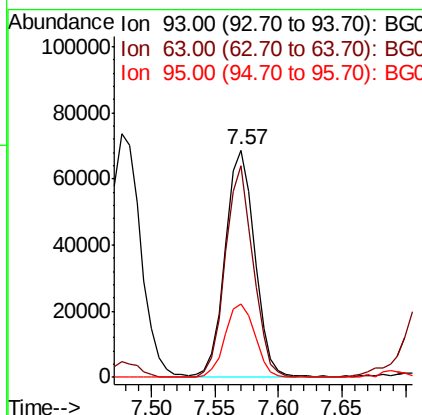
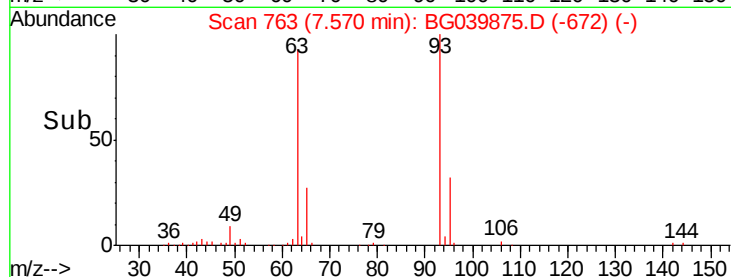
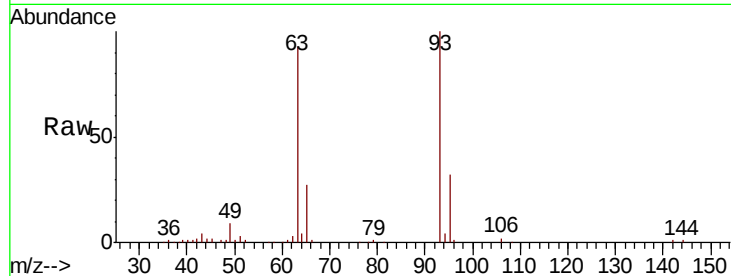
#11
bis(2-Chloroethyl)ether
Concen: 36.038 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	111316		
63	93.3	69.5	109.5	
95	32.2	12.7	52.7	

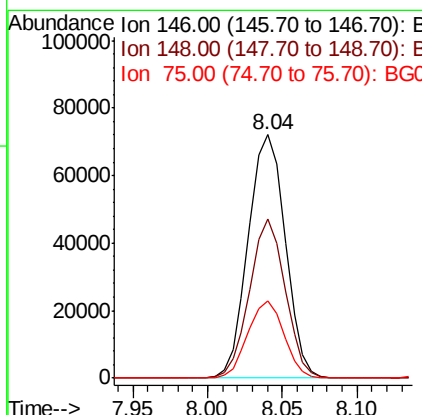
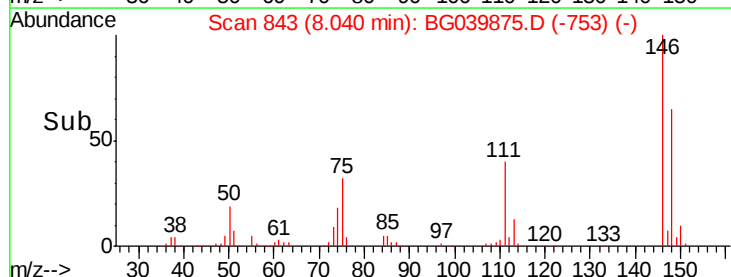
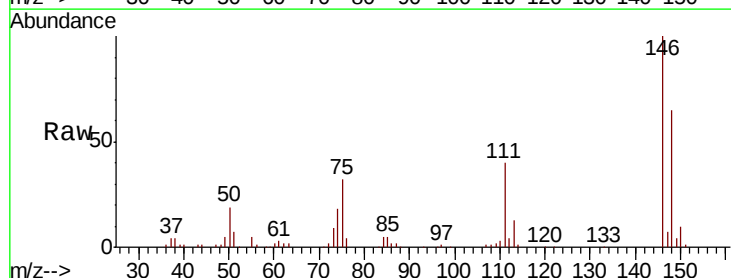
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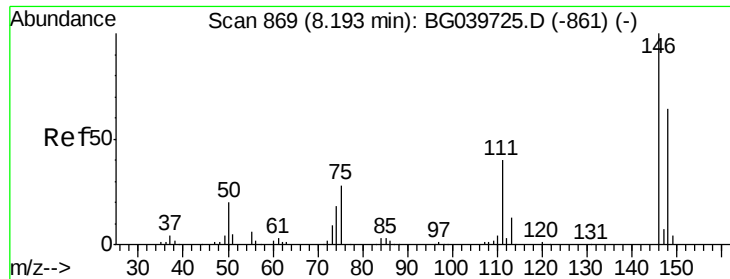
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#12
1,3-Dichlorobenzene
Concen: 36.756 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123692		
148	65.3	52.6	79.0	
75	31.7	25.8	38.6	





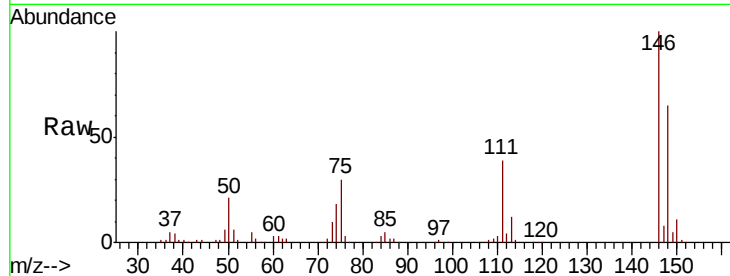
#13
 1,4-Dichlorobenzene
 Concen: 36.128 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
111	39.2	32.6	48.8

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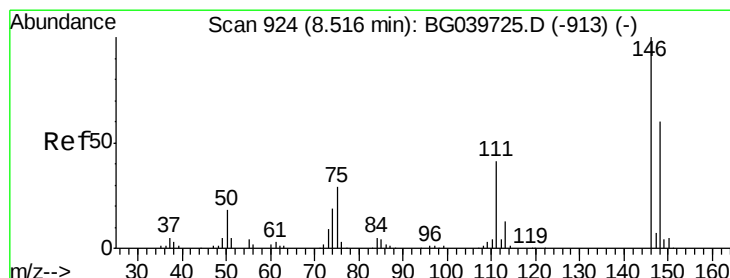
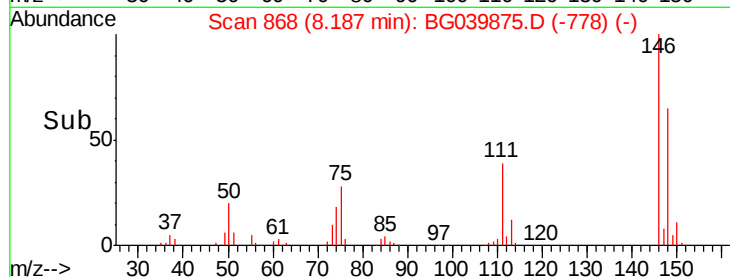
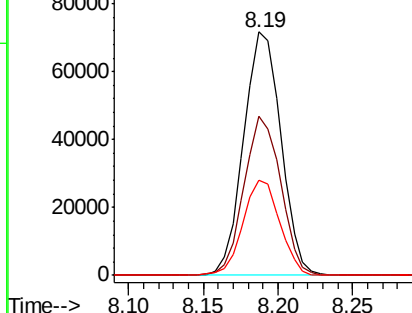


Abundance

Ion 146.00 (145.70 to 146.70): E

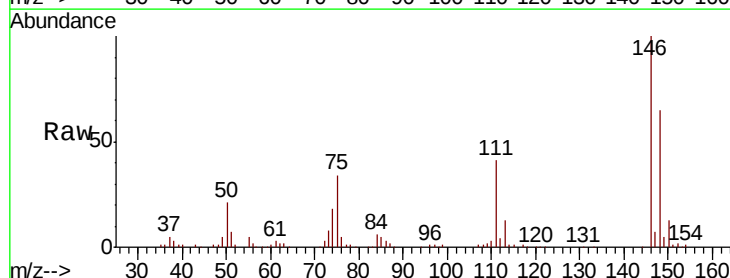
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.061 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	41.2	33.8	50.6

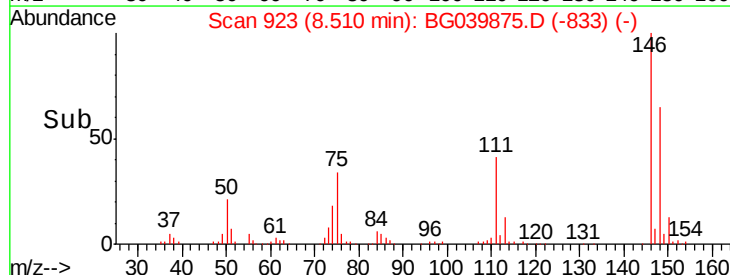
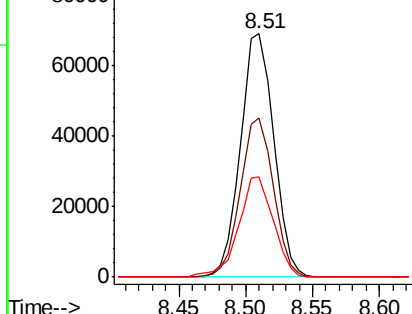


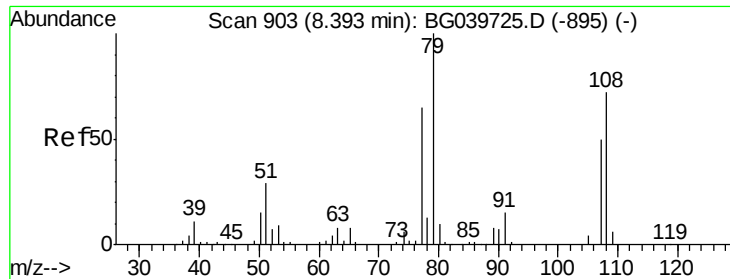
Abundance

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: 40.119 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

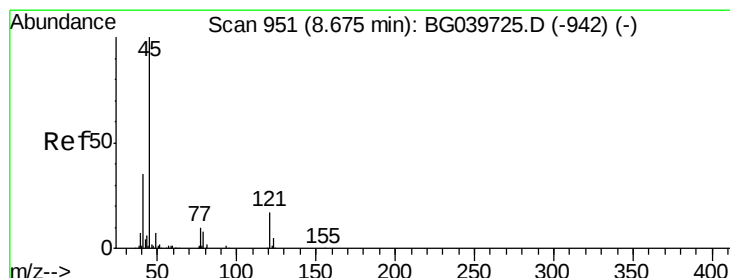
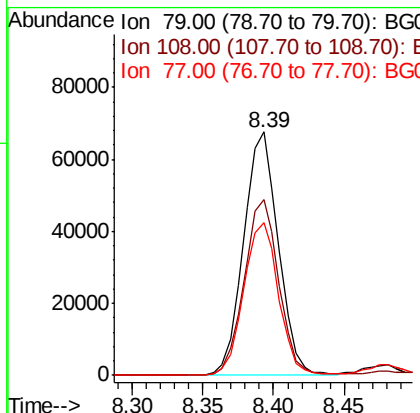
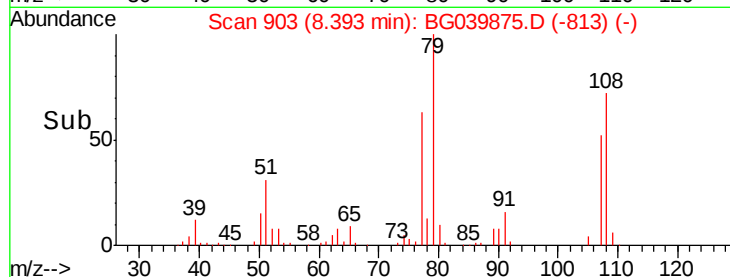
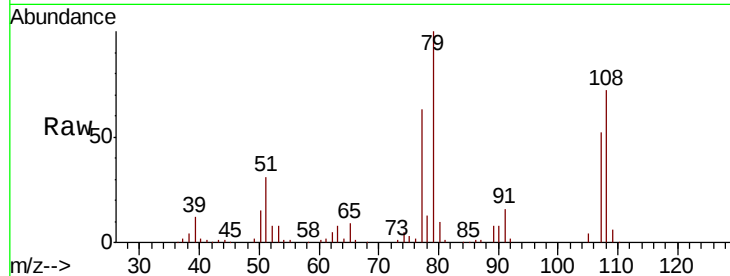
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	79	Resp:	116381
Ion Ratio	Lower	Upper	
79	100		
108	72.0	57.8	86.6
77	63.0	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.084 ng

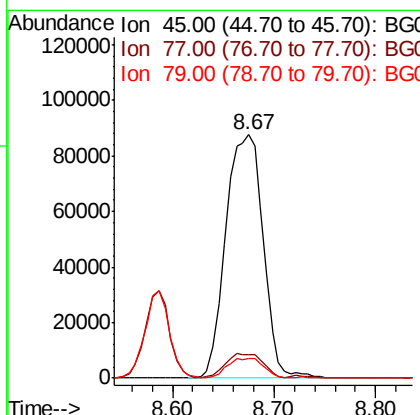
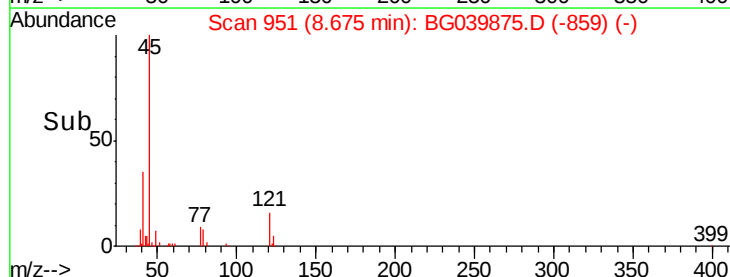
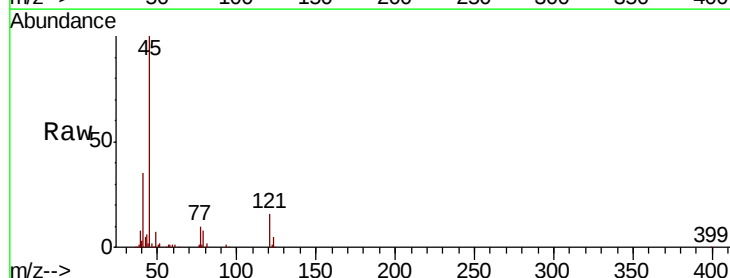
RT: 8.67 min Scan# 951

Delta R.T. 0.01 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	45	Resp:	222916
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.0
79	7.9	0.0	27.5





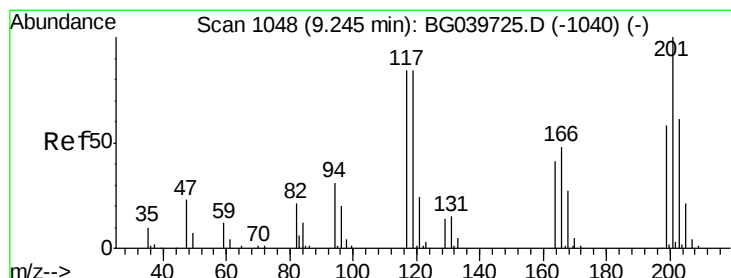
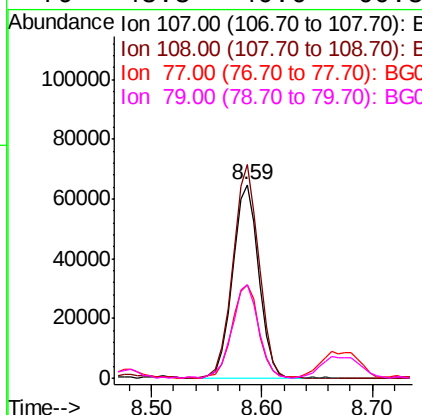
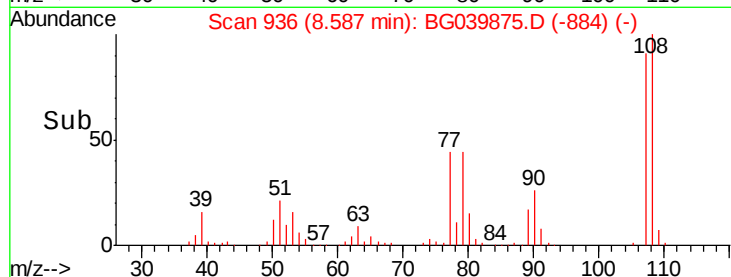
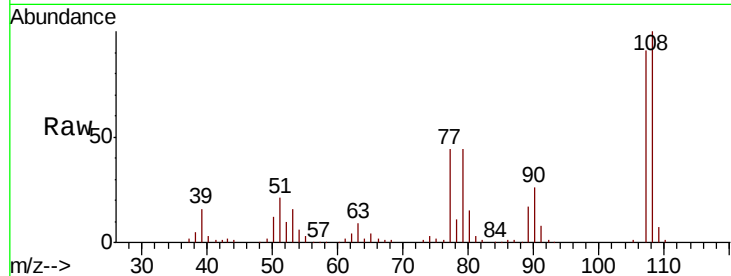
#17
2-Methylphenol
Concen: 42.698 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	90.8	136.2	
77	48.2	40.7	61.1	
79	48.3	40.6	60.8	

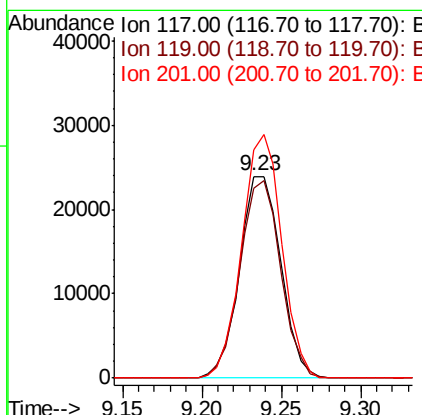
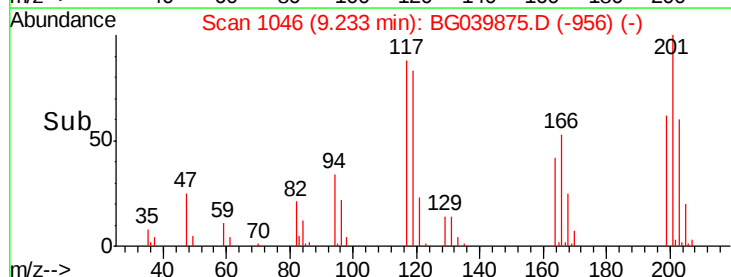
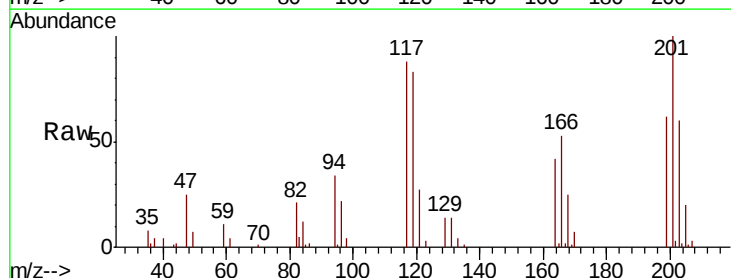
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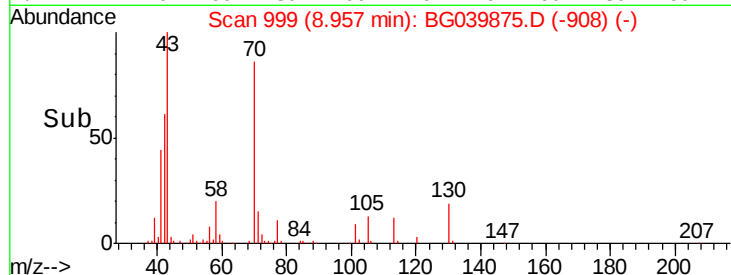
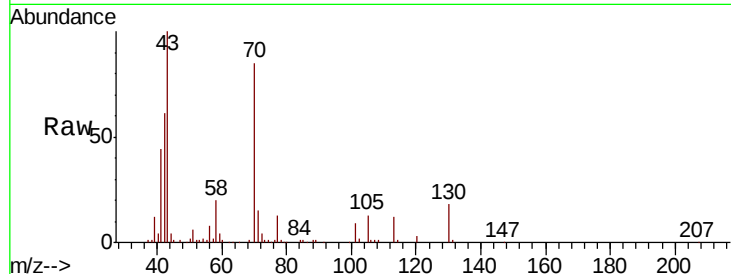
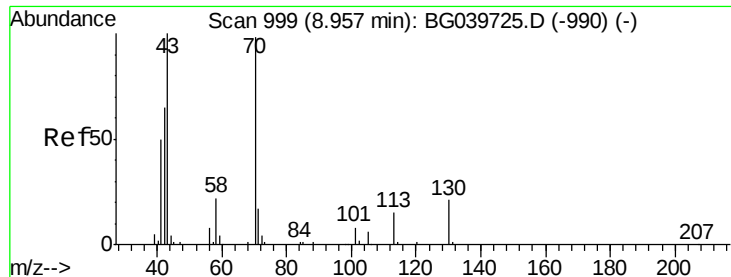
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#18
Hexachloroethane
Concen: 35.234 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	76.3	114.5	
201	113.4	91.1	136.7	





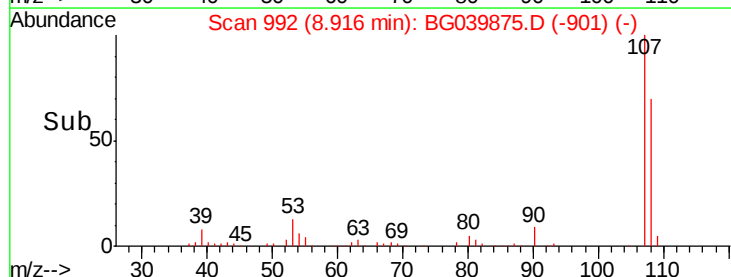
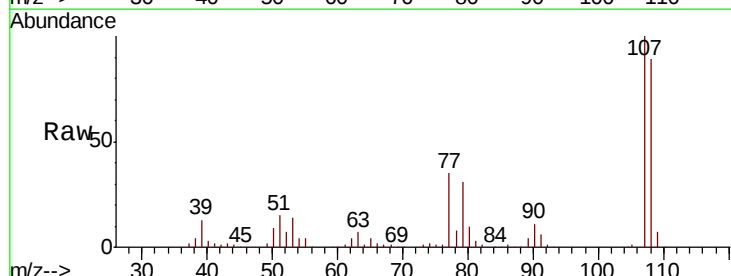
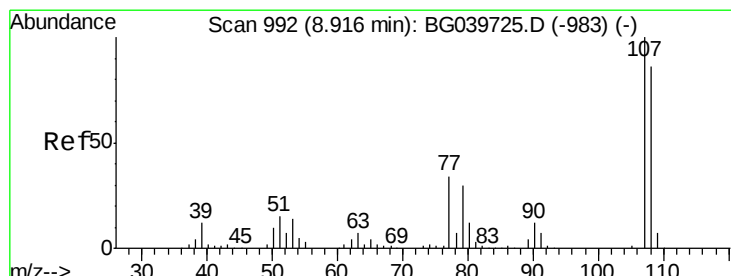
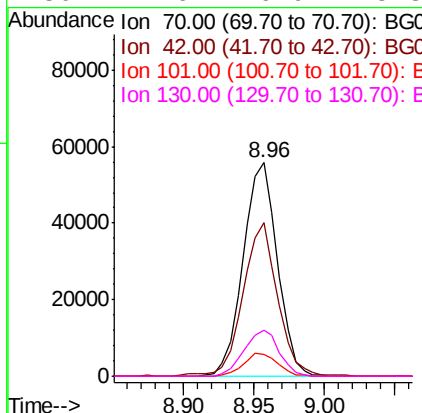
#19
n-Nitroso-di-n-propylamine
Concen: 35.929 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.6	60.4	90.6	
101	10.2	7.5	11.3	
130	21.6	16.9	25.3	

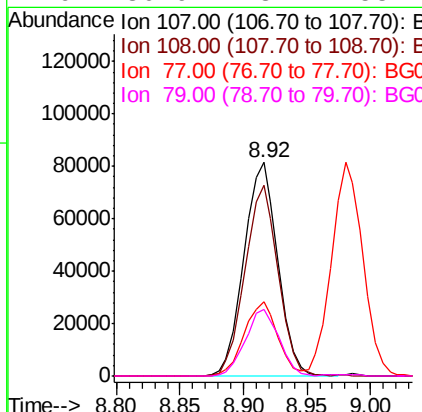
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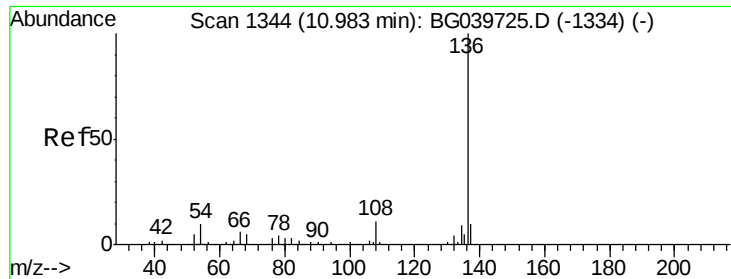
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#20
3+4-Methylphenols
Concen: 43.020 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	67.9	107.9	
77	35.0	15.4	55.4	
79	30.9	13.7	53.7	





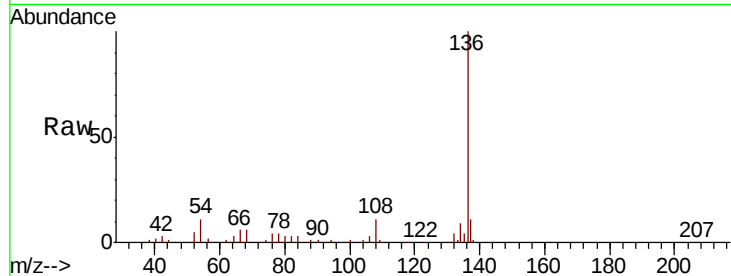
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.1	13.7	
54	10.8	9.4	14.2	
68	5.6	4.2	6.4	

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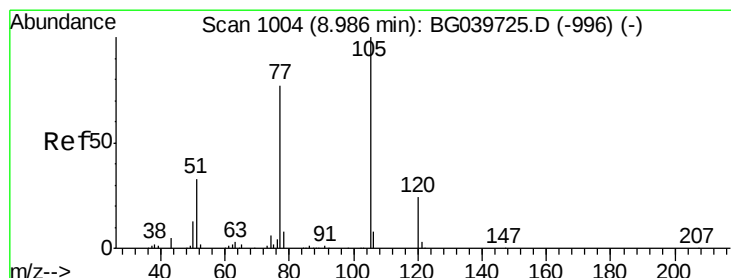
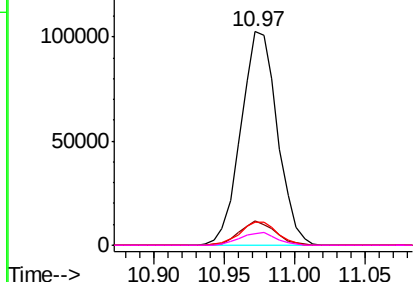
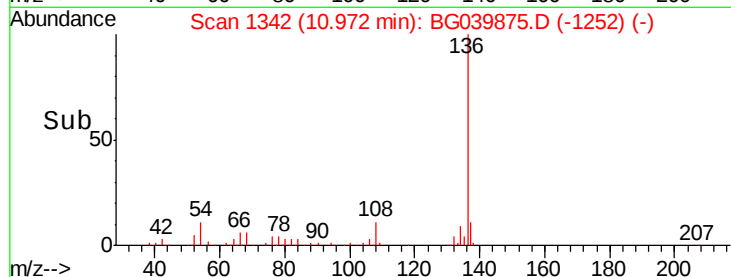
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

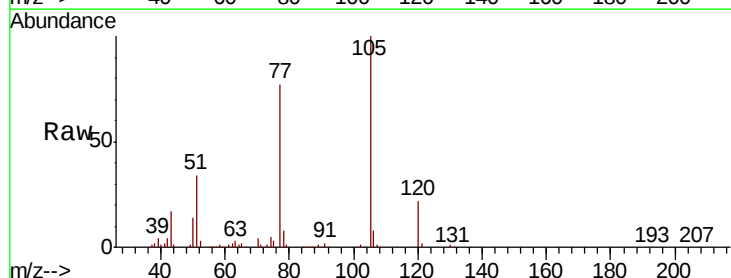
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.475 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.8	1.2#	
51	34.3	30.2	45.2	
120	22.4	18.0	27.0	



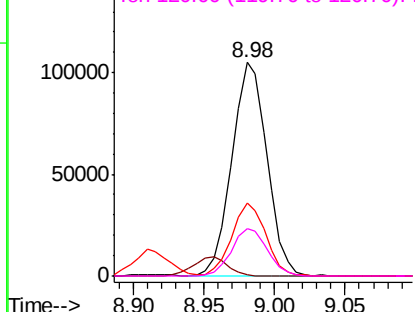
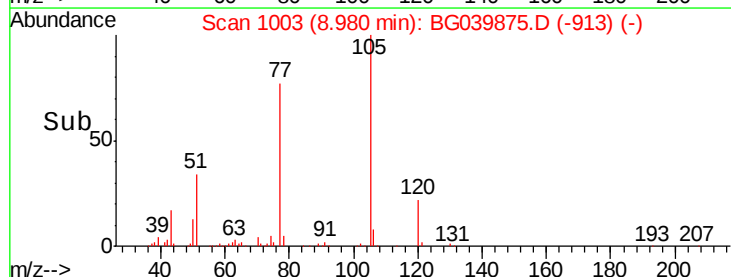
Abundance

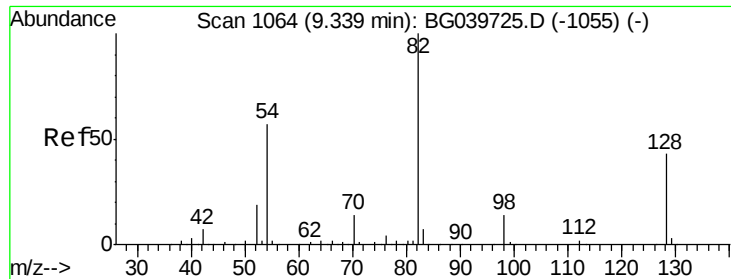
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





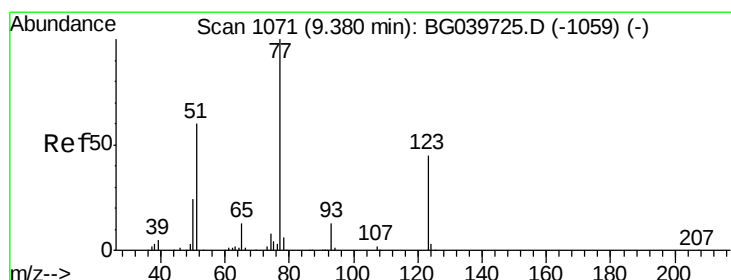
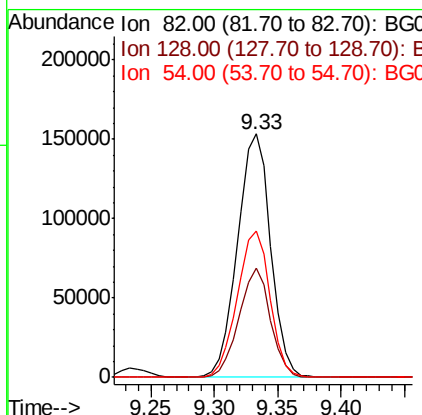
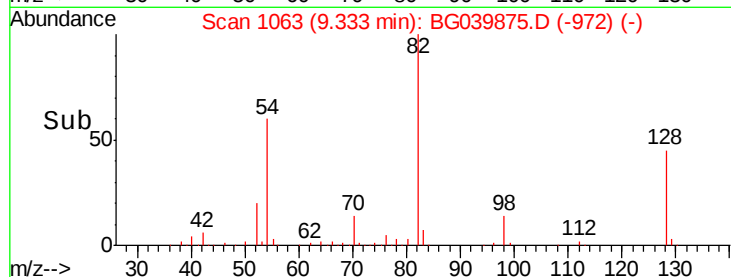
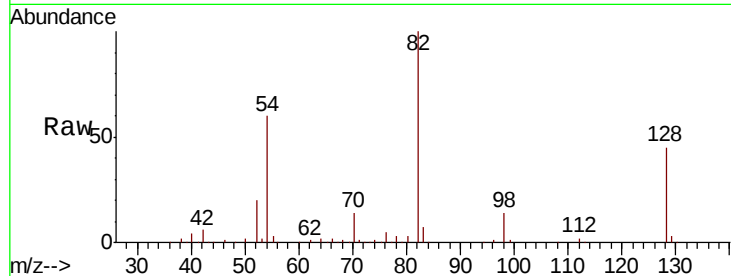
#23
Nitrobenzene-d5
Concen: 81.061 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.3	46.9
54	60.1	50.9	76.3

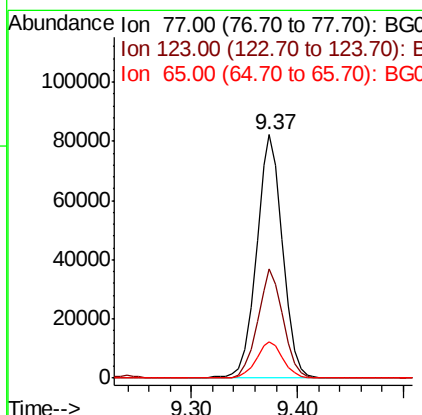
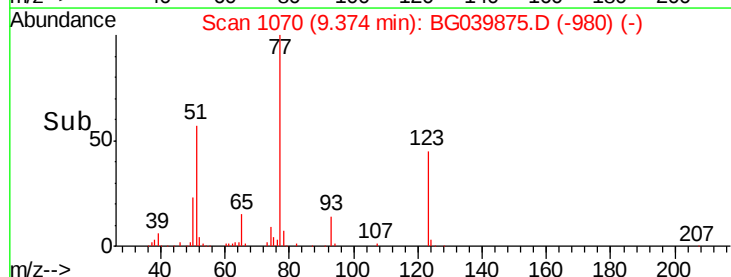
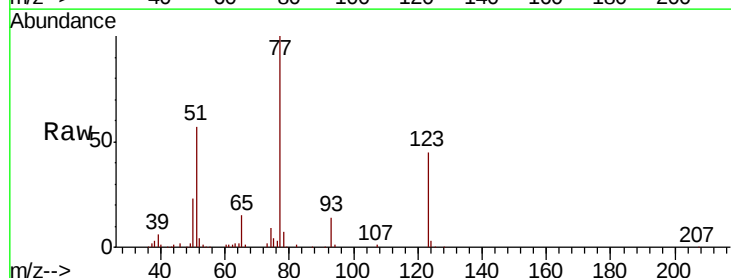
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#24
Nitrobenzene
Concen: 39.100 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	34.1	51.1
65	15.1	12.3	18.5





#25

Isophorone

Concen: 38.393 ng

RT: 9.88 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

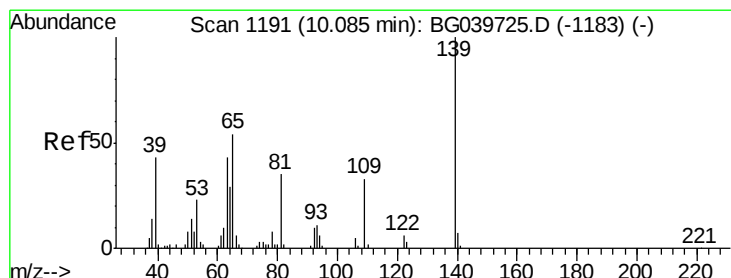
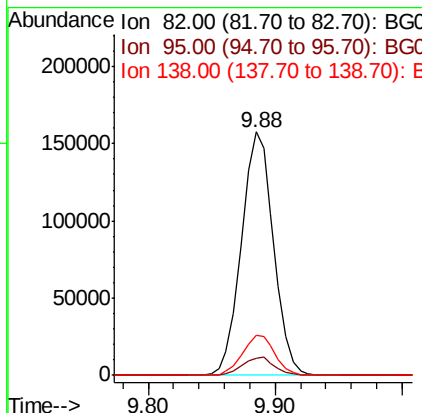
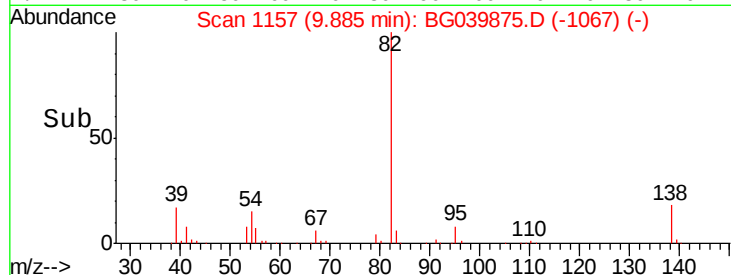
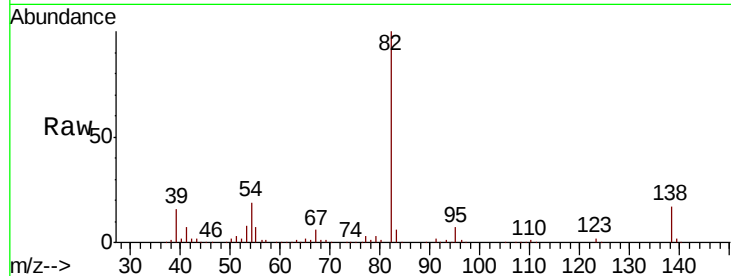
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	82	Resp:	275676
Ion Ratio	Lower	Upper	
82	100		
95	7.1	6.2	9.2
138	16.6	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.638 ng

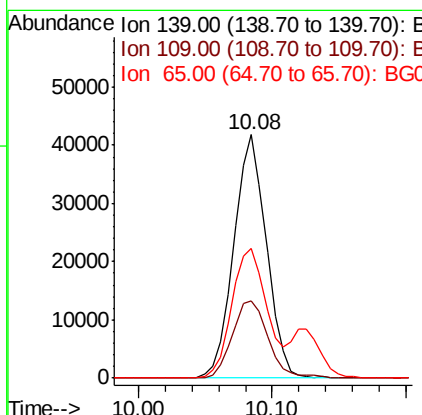
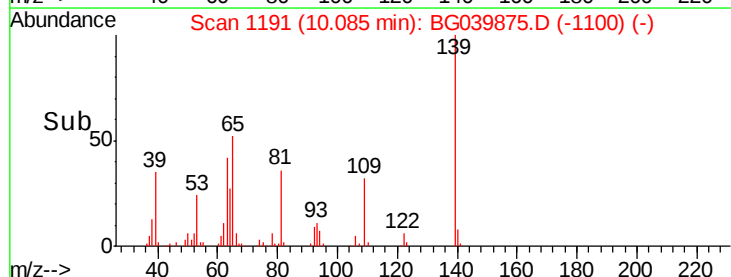
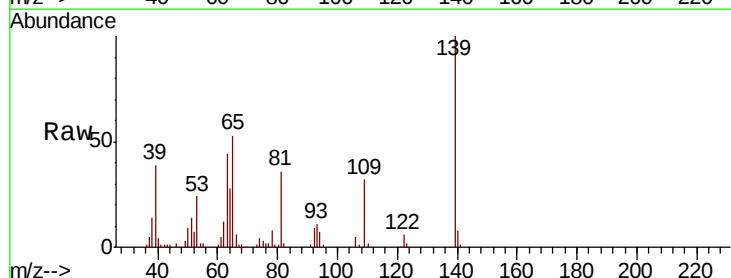
RT: 10.08 min Scan# 1191

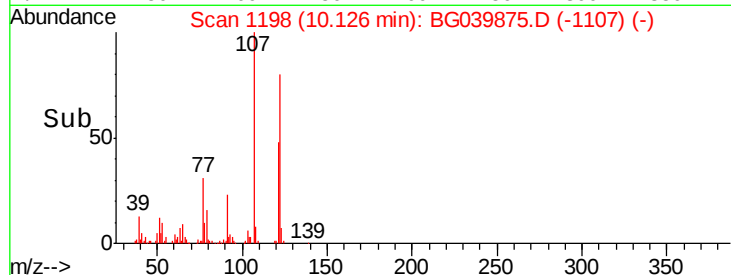
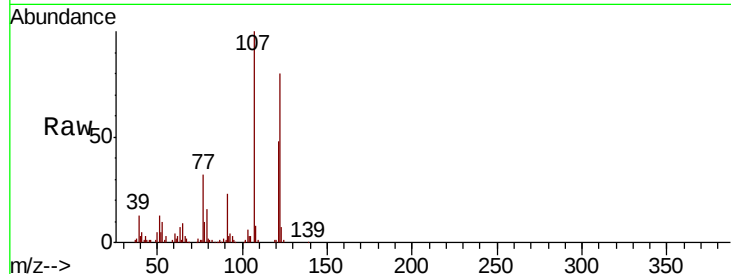
Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	139	Resp:	70536
Ion Ratio	Lower	Upper	
139	100		
109	31.9	23.4	35.0
65	53.2	44.3	66.5





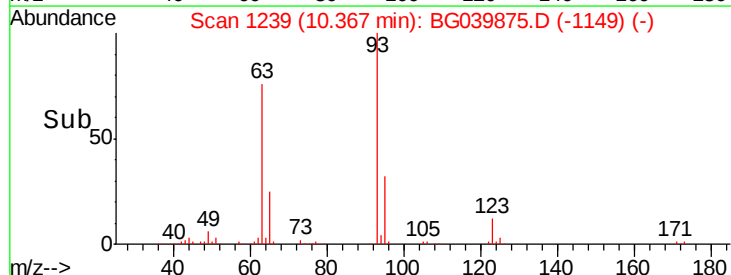
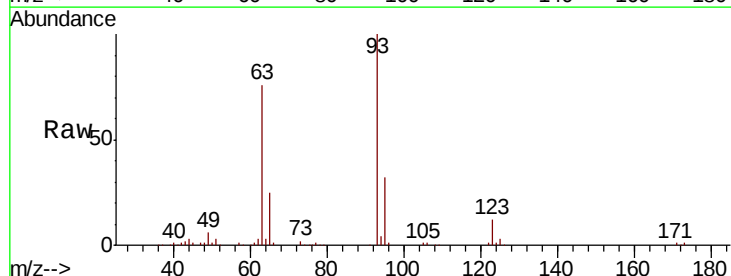
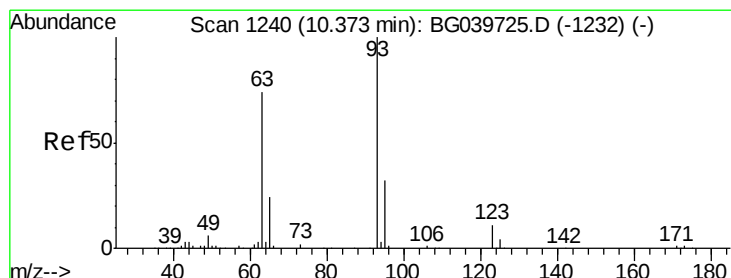
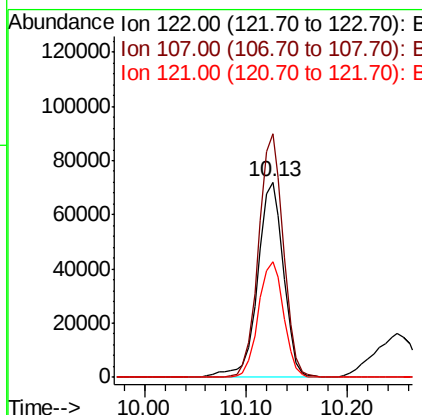
#27
2,4-Dimethylphenol
Concen: 47.254 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	127564		
107	124.9	91.7	137.5	
121	59.5	46.4	69.6	

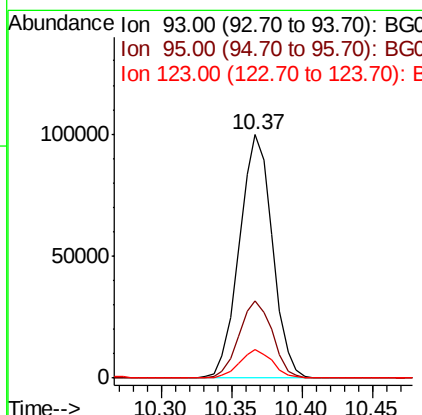
Manual Integrations
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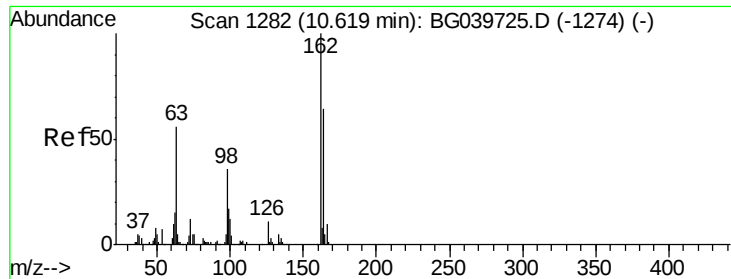
Sohil
3/13/2019 5:49:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.407 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	163226		
95	32.0	25.0	37.4	
123	11.6	8.6	12.8	





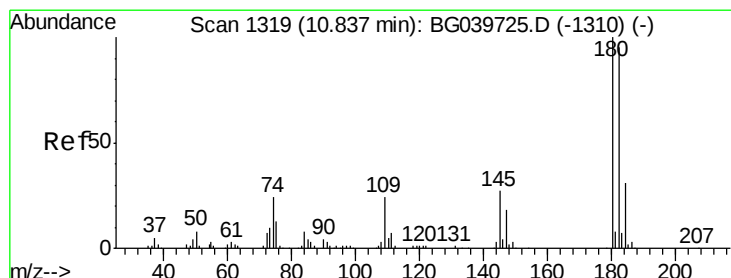
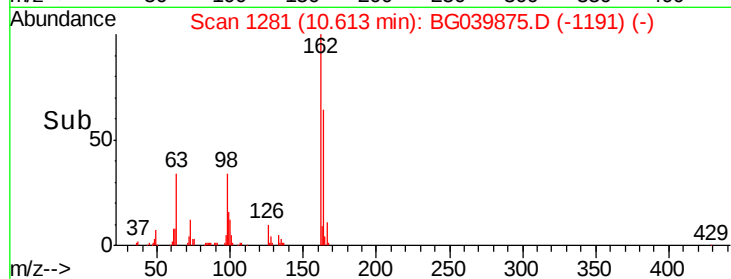
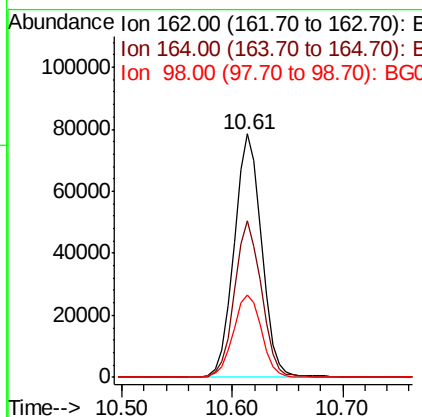
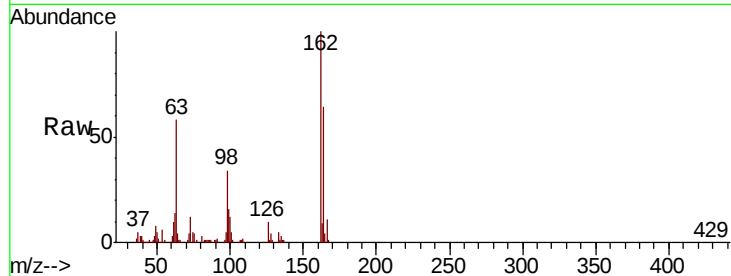
#29
2,4-Dichlorophenol
Concen: 45.195 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.1	48.1	88.1
98	33.9	18.1	58.1

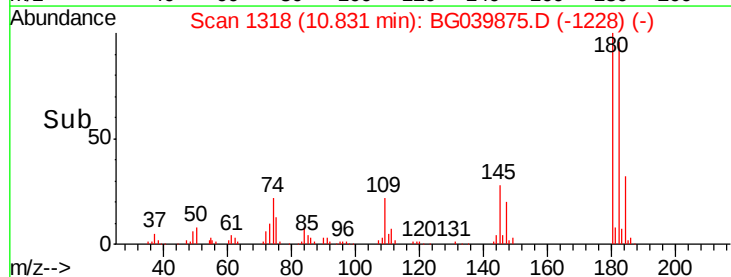
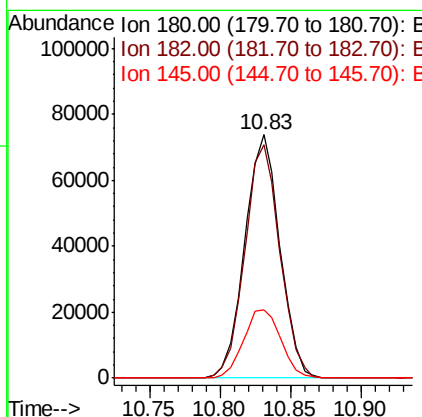
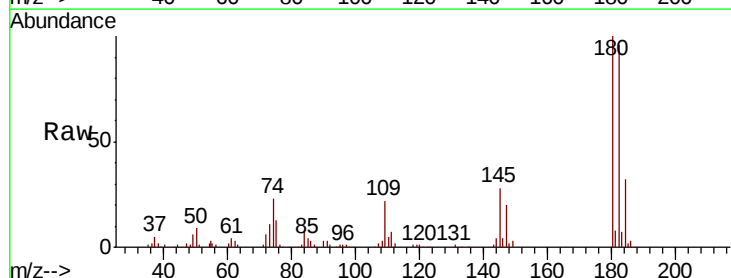
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 37.526 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	76.0	114.0
145	28.2	22.7	34.1





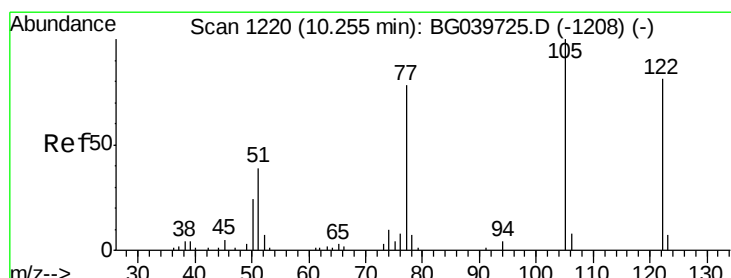
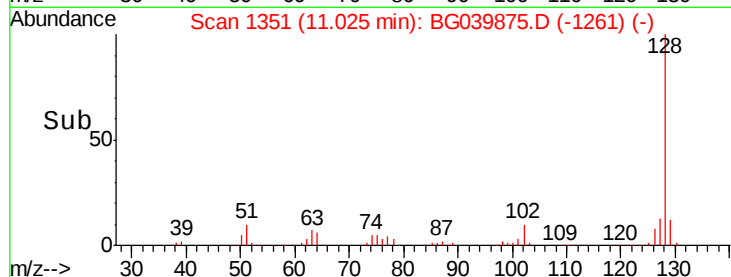
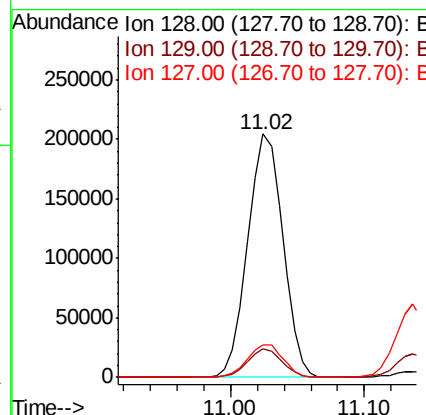
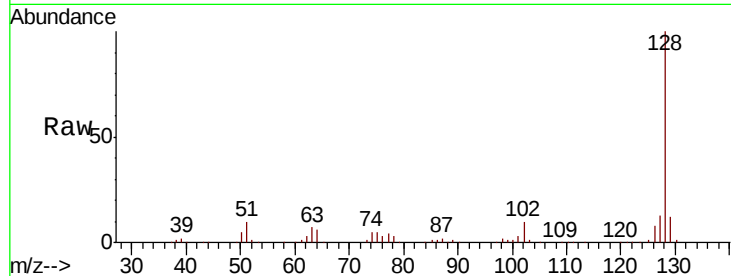
#31
Naphthalene
Concen: 37.948 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.7	13.1
127	13.5	10.8	16.2

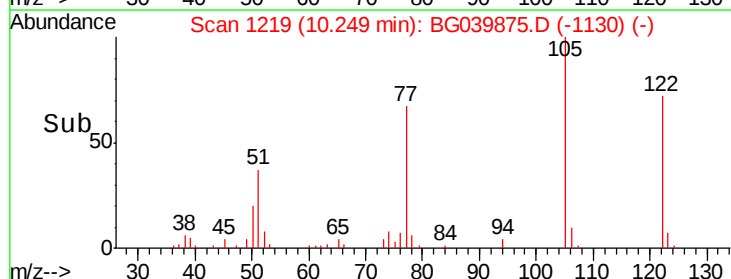
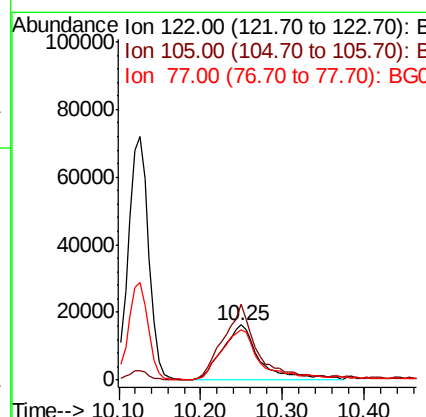
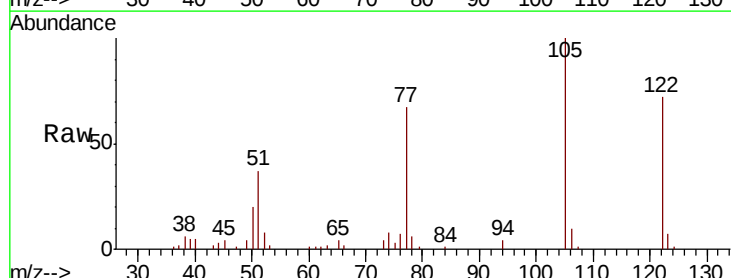
Manual Integrations
APPROVED

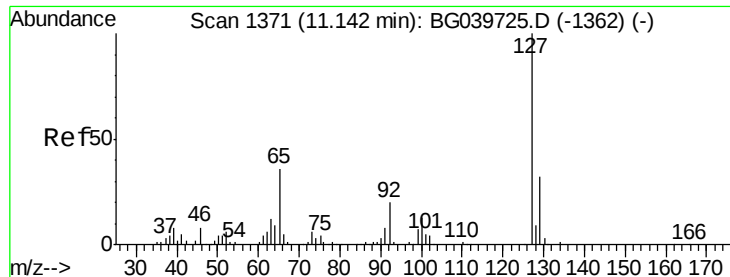
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#32
Benzoic acid
Concen: 30.882 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.6	101.8	141.8
77	92.7	76.3	116.3





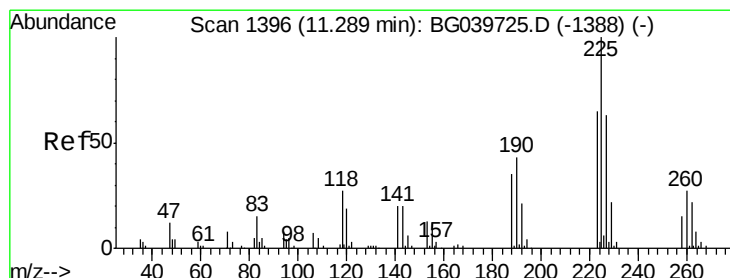
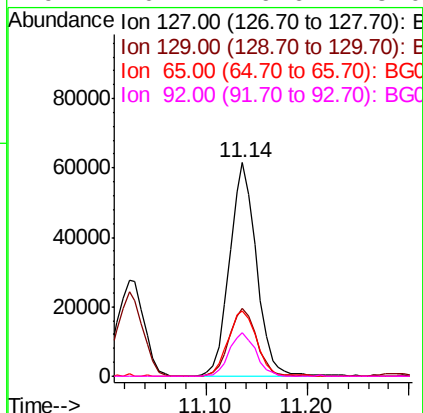
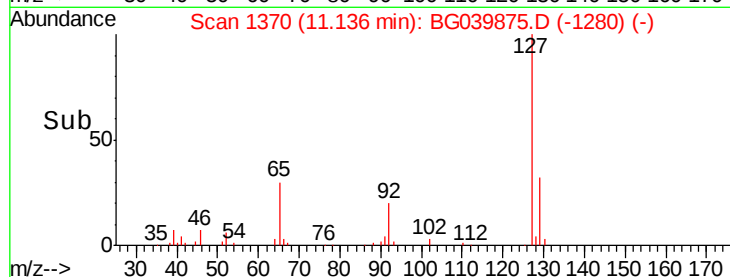
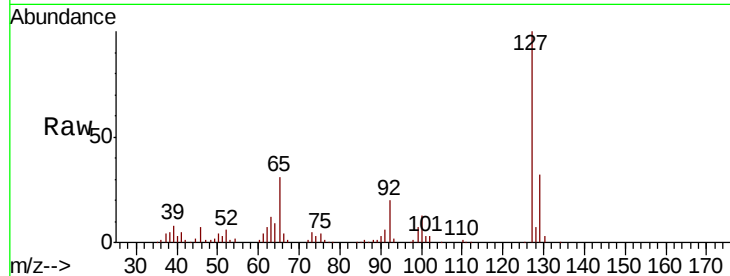
#33
4-Chloroaniline
Concen: 27.126 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	27.0	40.4		
65	30.6	28.8	43.2		
92	20.2	16.6	25.0		

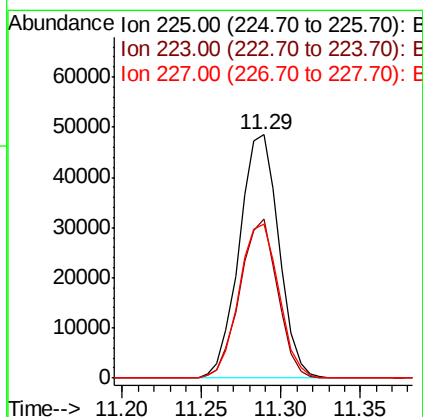
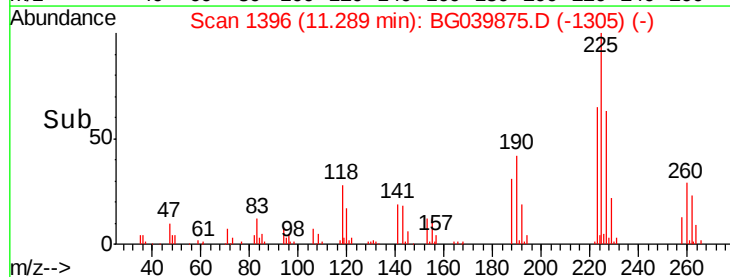
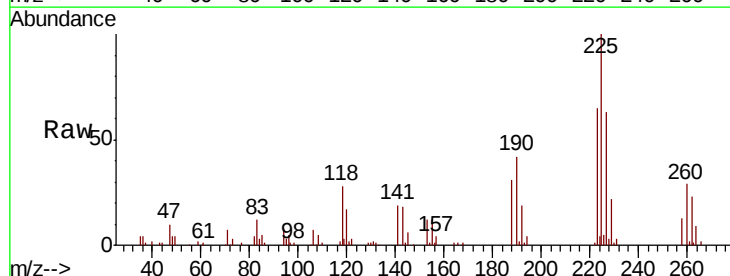
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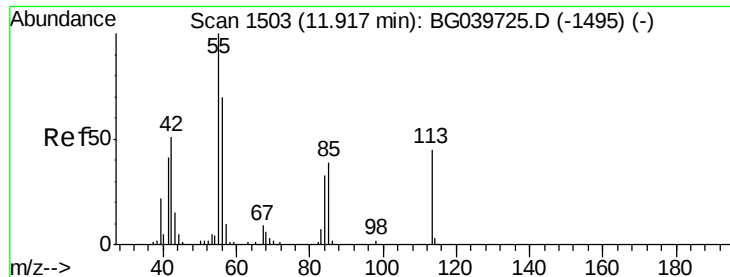
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#34
Hexachlorobutadiene
Concen: 35.922 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	49.0	73.6		
227	63.2	46.3	69.5		





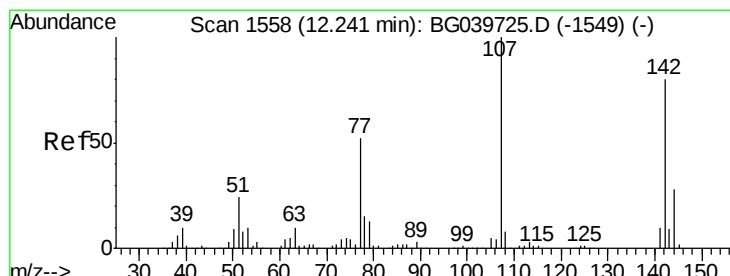
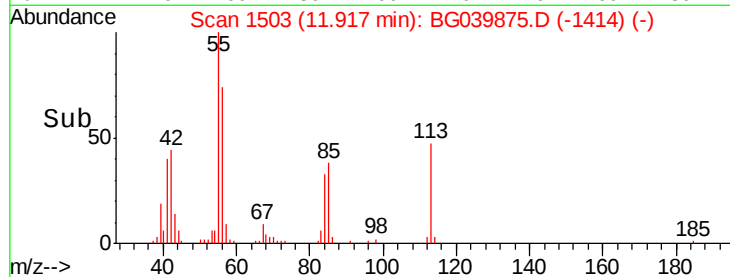
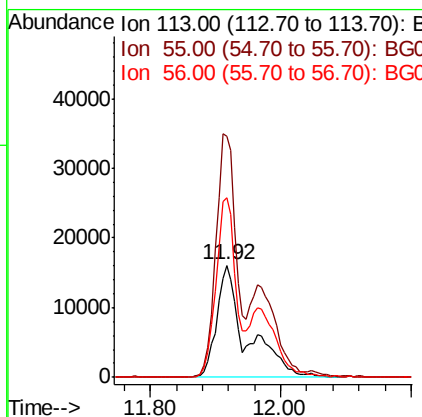
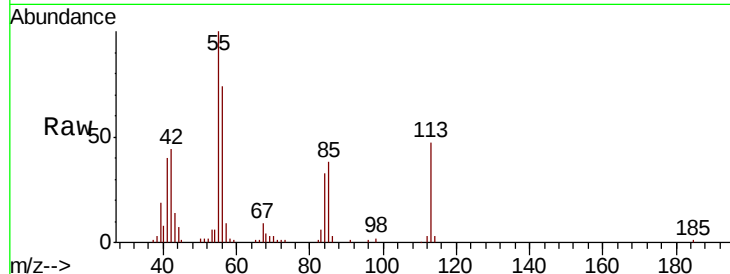
#35
Caprolactam
Concen: 43.702 ng/ml
RT: 11.92 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.9	216.9	256.9#
56	159.8	152.6	192.6

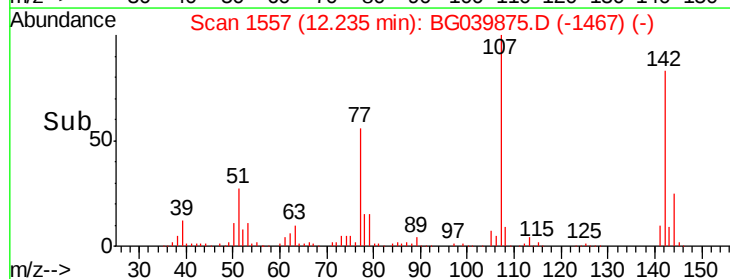
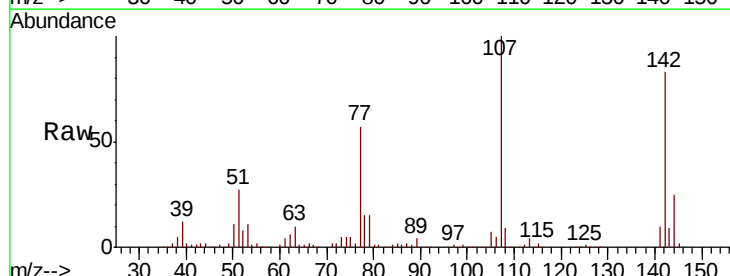
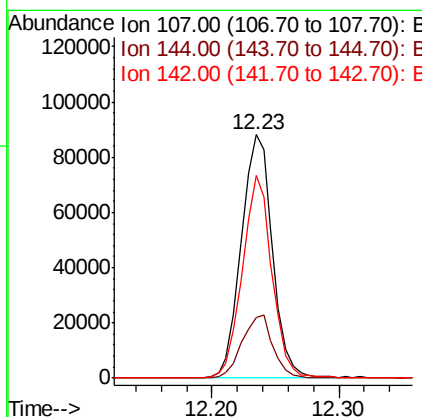
Manual Integrations
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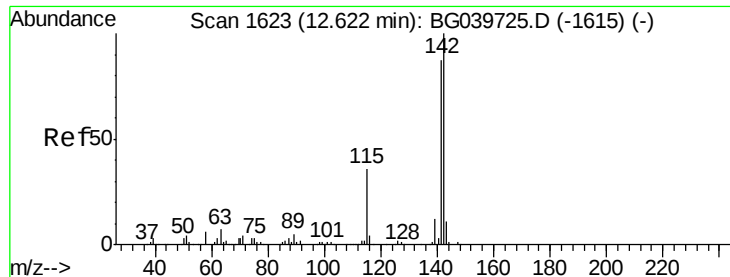
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#36
4-Chloro-3-methylphenol
Concen: 43.105 ng
RT: 12.23 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	83.1	61.4	92.2





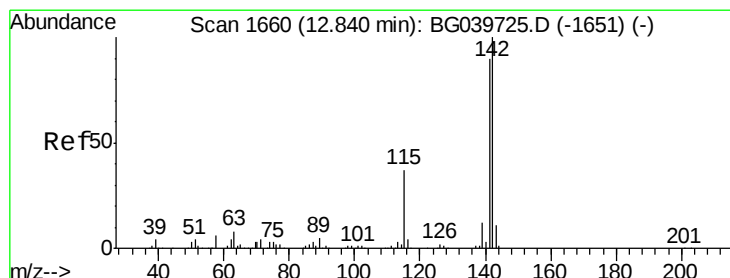
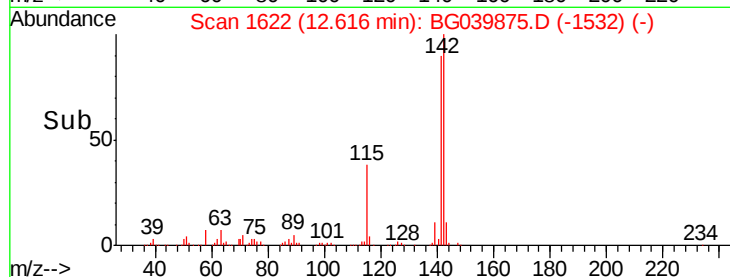
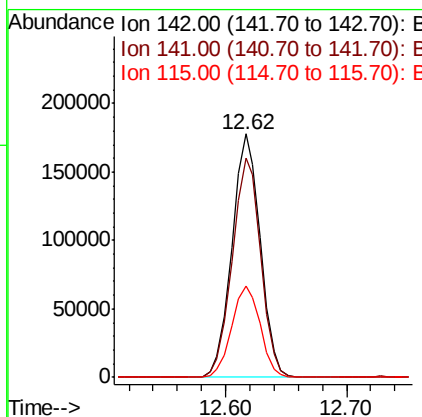
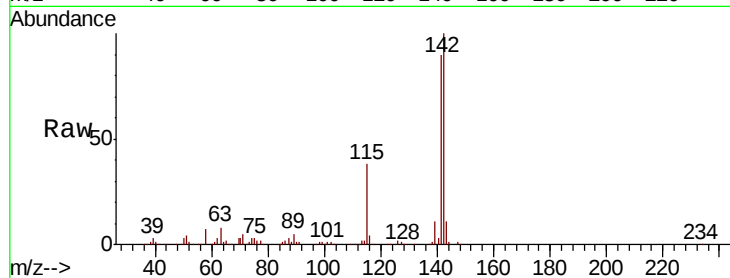
#37
2-Methylnaphthalene
Concen: 39.403 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
115	37.6	30.8	46.2

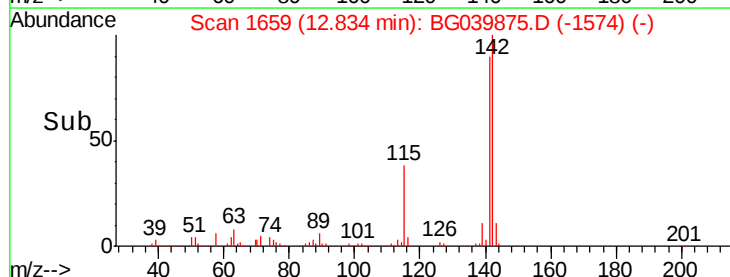
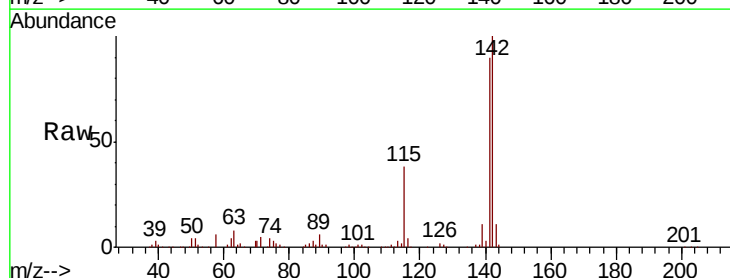
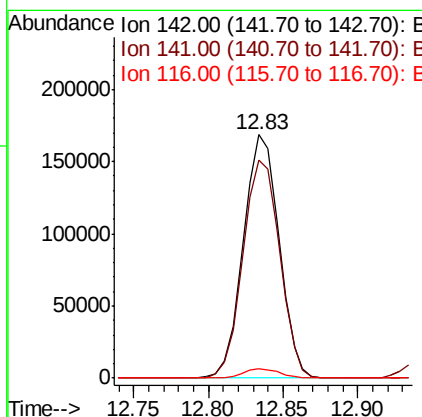
Manual Integrations
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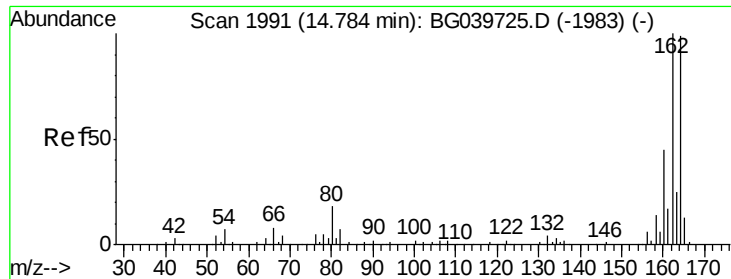
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#38
1-Methylnaphthalene
Concen: 39.068 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.2	111.4
116	4.0	3.0	4.6





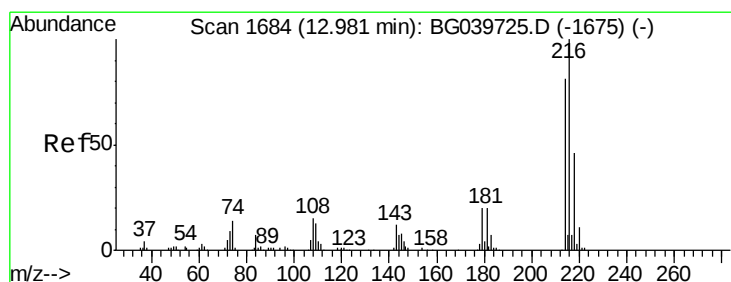
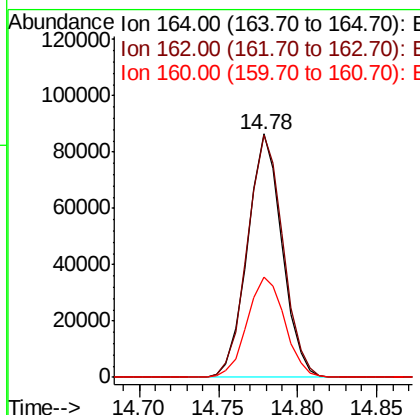
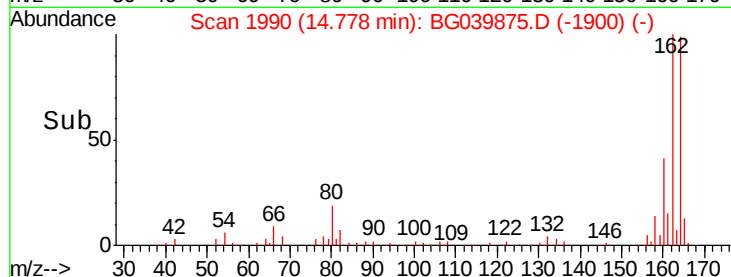
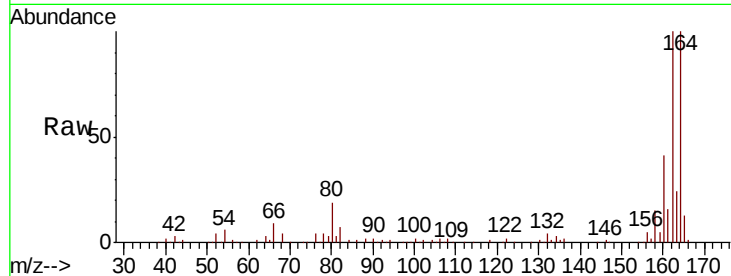
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.6	122.4
160	41.3	34.2	51.2

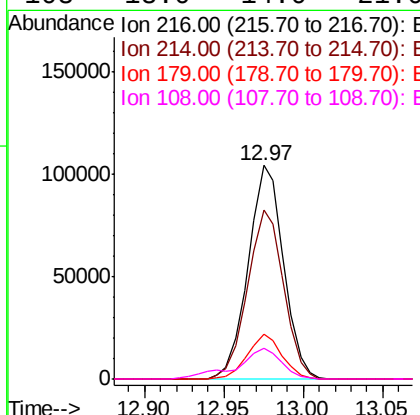
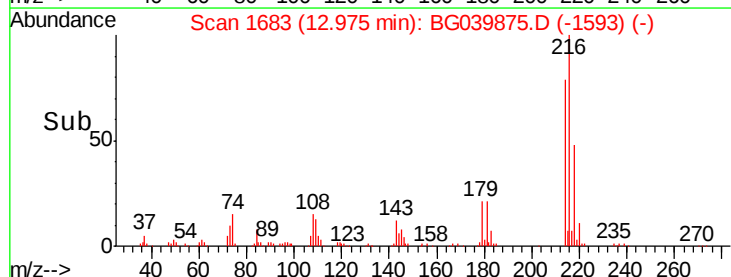
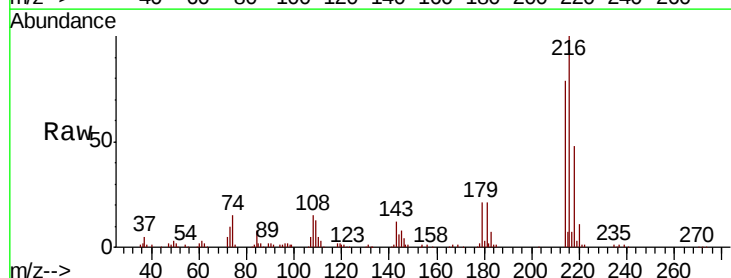
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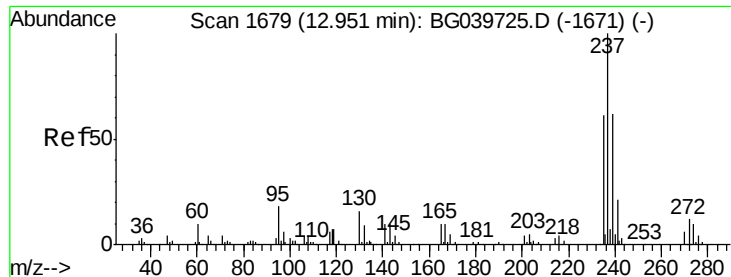
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.320 ng
RT: 12.97 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	62.6	94.0
179	20.6	16.6	25.0
108	18.0	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 84.510 ng

RT: 12.95 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

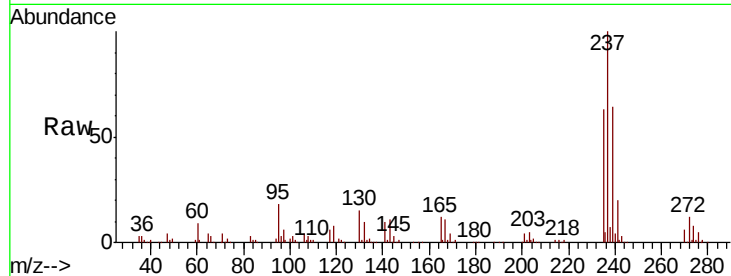
ClientSampleId :

BALLFIELD-SS-03072019MSD

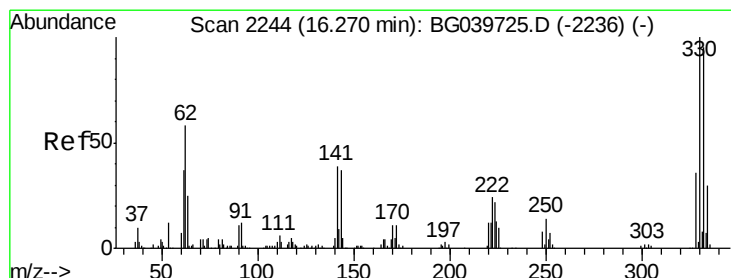
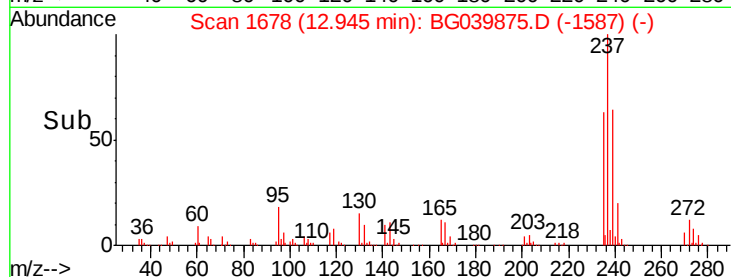
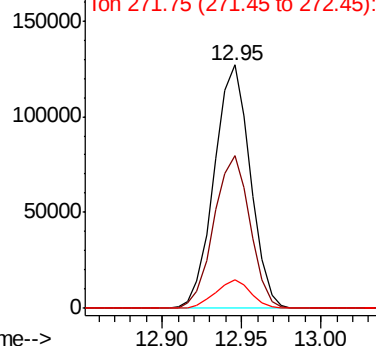
Tot Ion:	237	Resp:	200561
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.3	83.3
272	12.0	0.0	32.3

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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: 130.253 ng

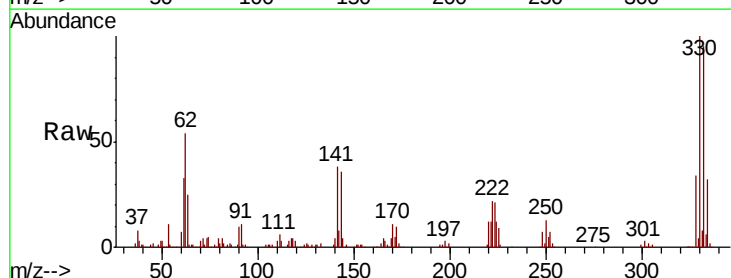
RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

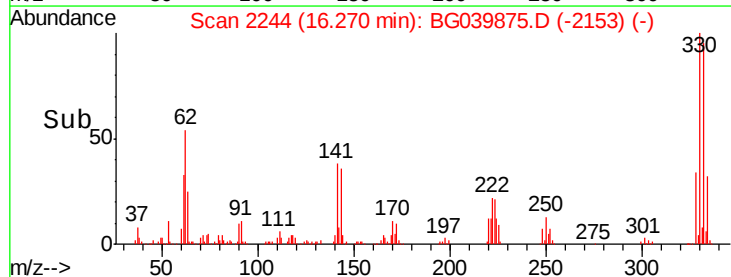
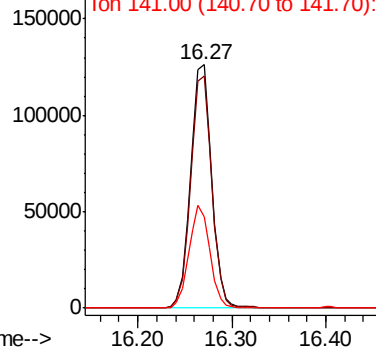
Lab File: BG039875.D

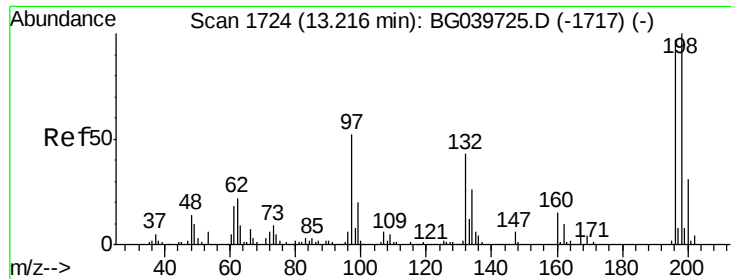
Acq: 12 Mar 2019 15:35

Tgt Ion:	330	Resp:	198457
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.7	113.5
141	41.4	35.6	53.4



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





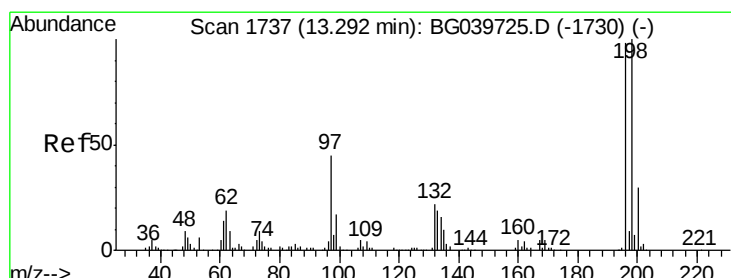
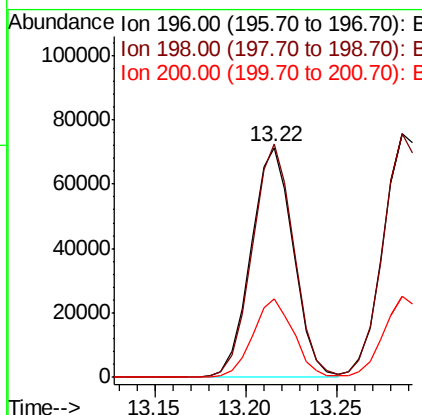
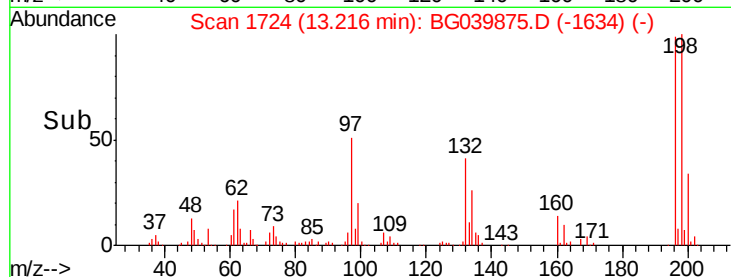
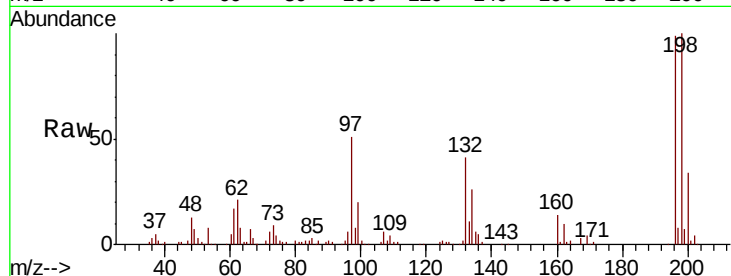
#43
 2,4,6-Trichlorophenol
 Concen: 44.379 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	115060		
198	101.5	80.6	121.0	
200	34.0	26.1	39.1	

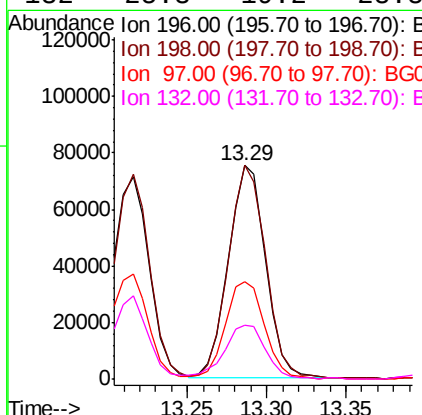
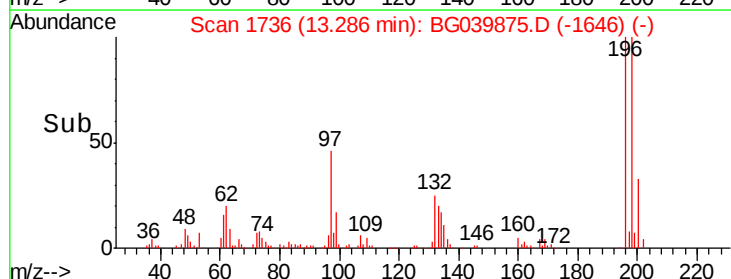
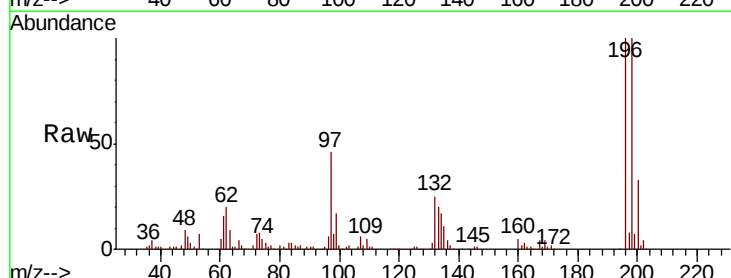
Manual Integrations
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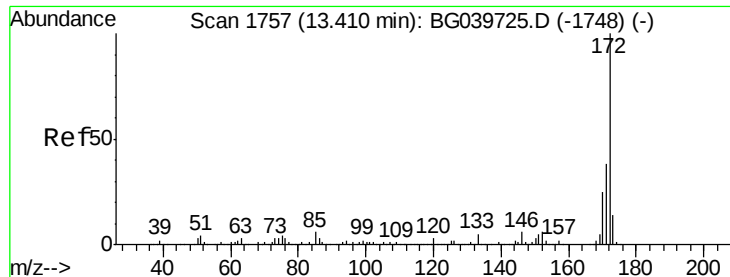
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#44
 2,4,5-Trichlorophenol
 Concen: 41.895 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122433		
198	99.9	78.5	117.7	
97	45.8	38.4	57.6	
132	25.3	19.2	28.8	





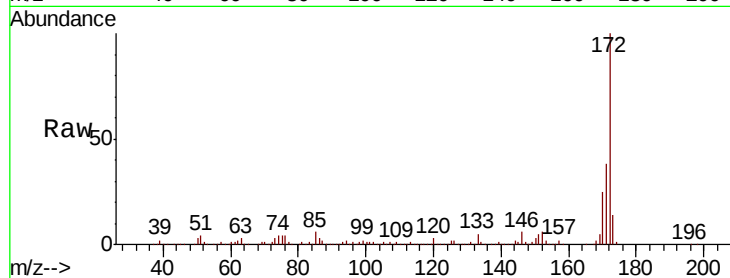
#45
2-Fluorobiphenyl
Concen: 74.724 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	686026		
171	37.5		30.8	46.2
170	25.3		20.2	30.4

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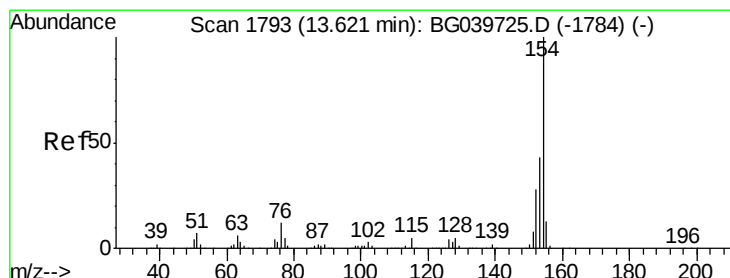
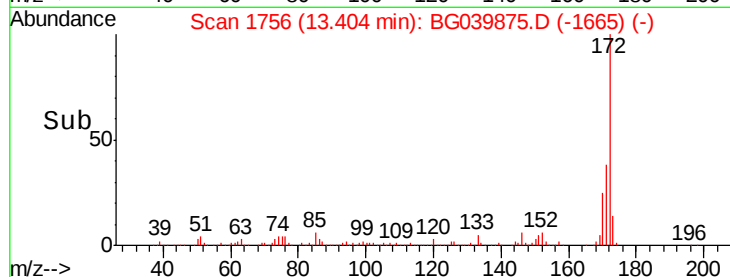
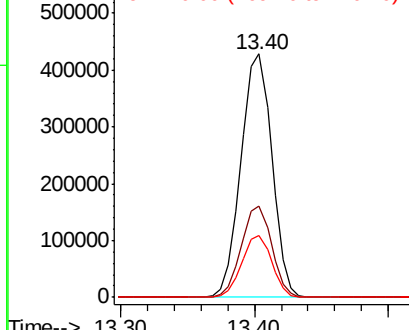


Abundance

Ion 172.00 (171.70 to 172.70): E

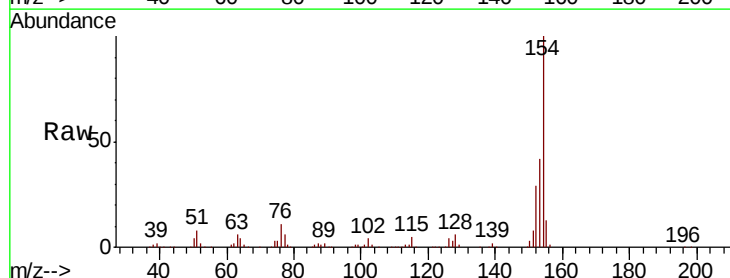
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.034 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	398166		
153	42.0		22.1	62.1
76	11.3		0.0	32.4

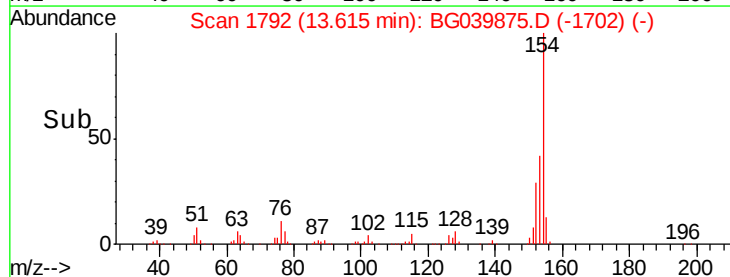
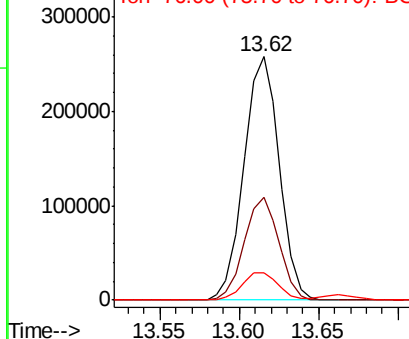


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





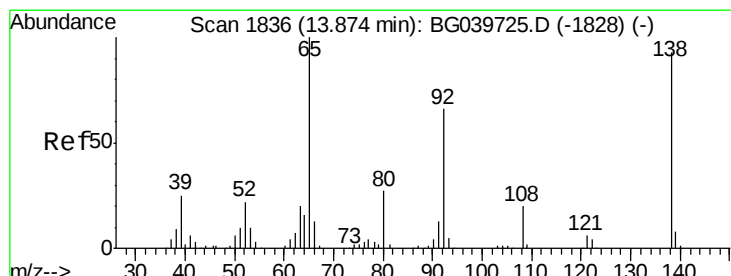
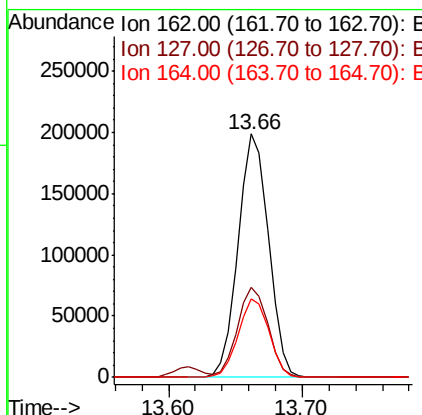
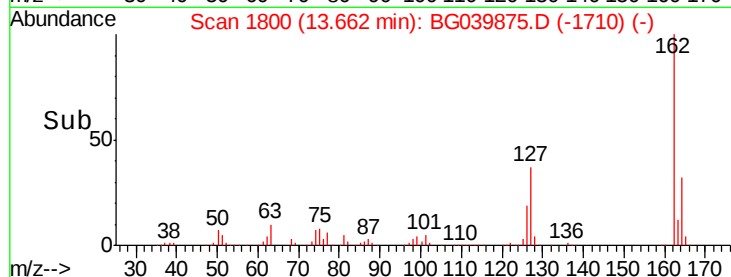
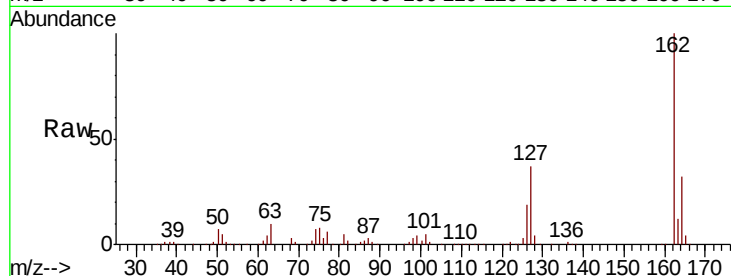
#47
 2-Chloronaphthalene
 Concen: 38.632 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	31.0	46.6
164	32.3	25.7	38.5

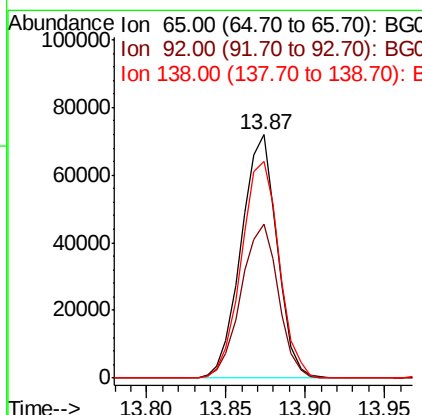
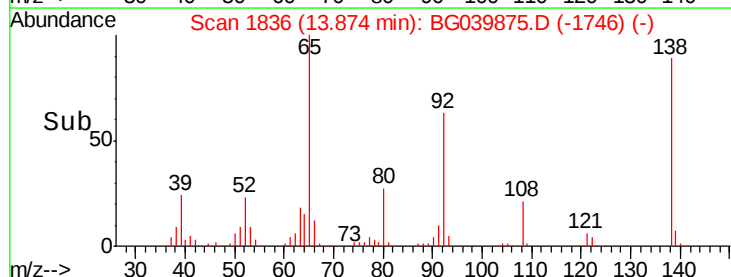
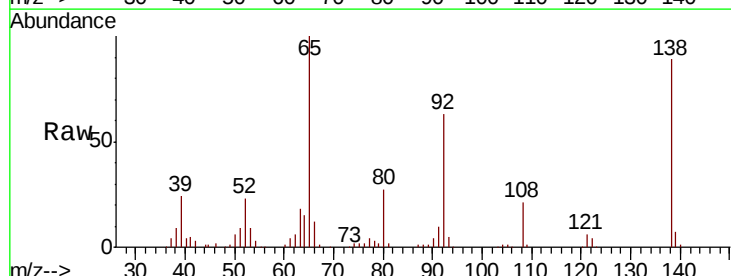
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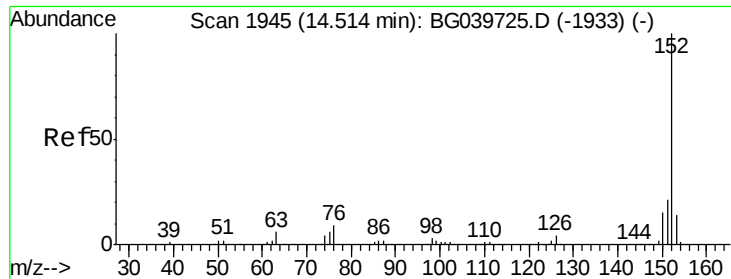
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#48
 2-Nitroaniline
 Concen: 43.509 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	51.4	77.2
138	89.3	71.4	107.2





#49

Acenaphthylene

Concen: 37.897 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

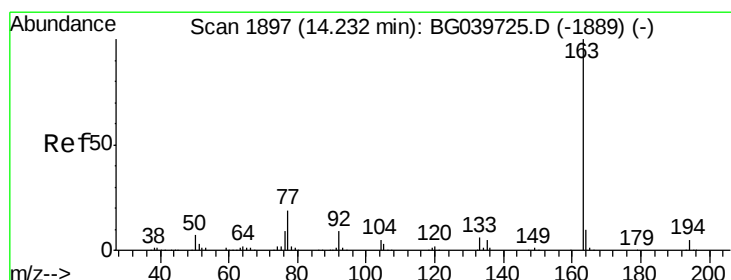
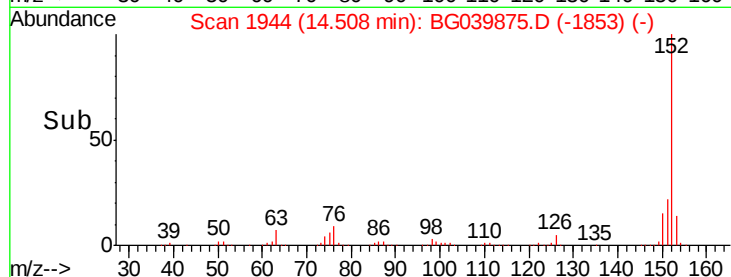
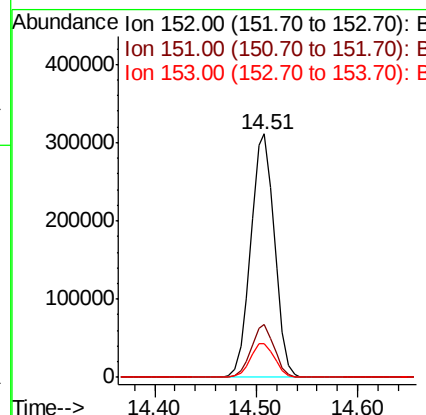
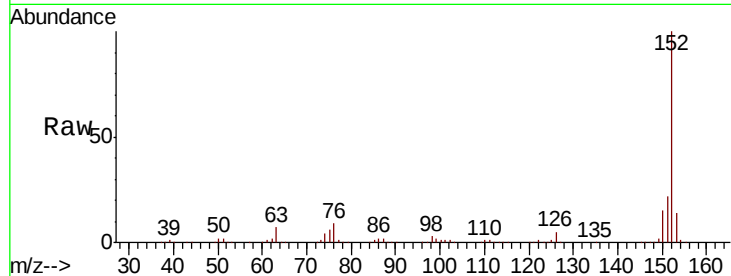
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	152	Resp:	503181
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.8	25.2
153	14.0	11.7	17.5

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#50

Dimethylphthalate

Concen: 44.593 ng

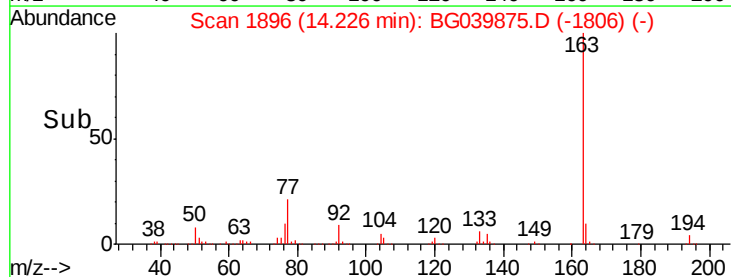
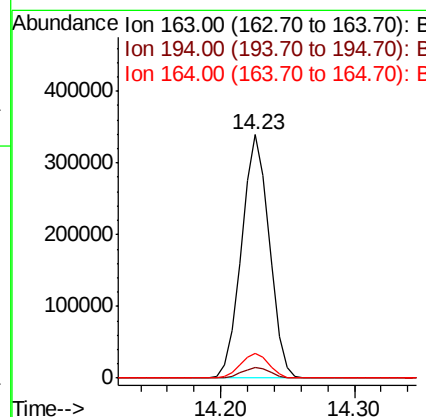
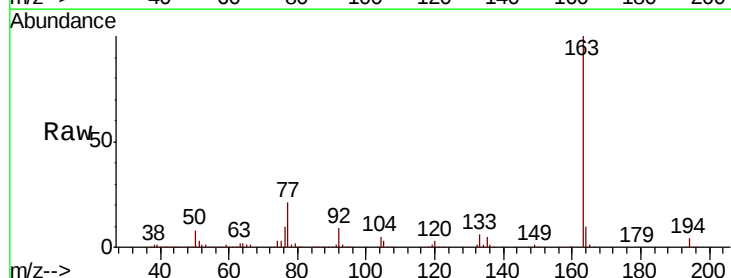
RT: 14.23 min Scan# 1896

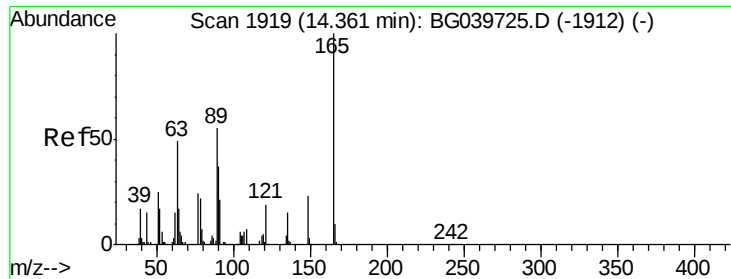
Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	163	Resp:	487423
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.3	8.4	12.6





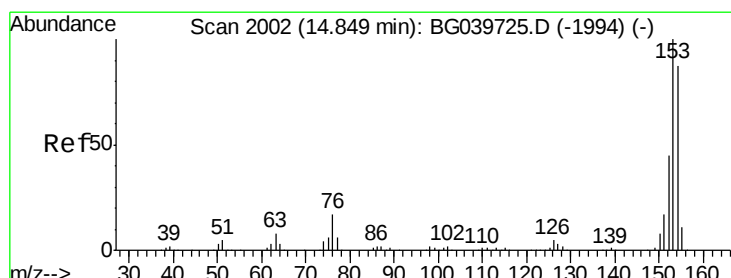
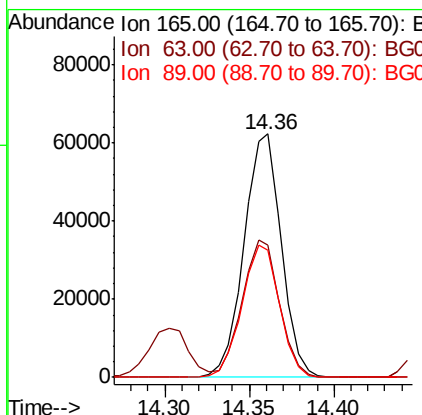
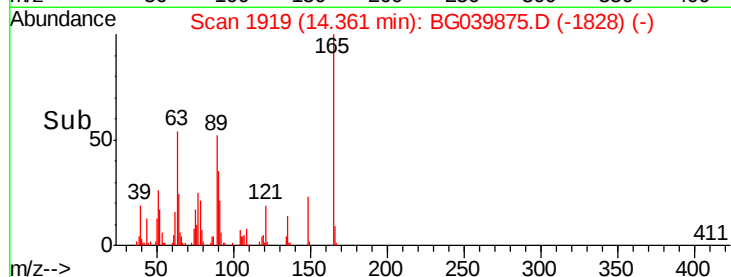
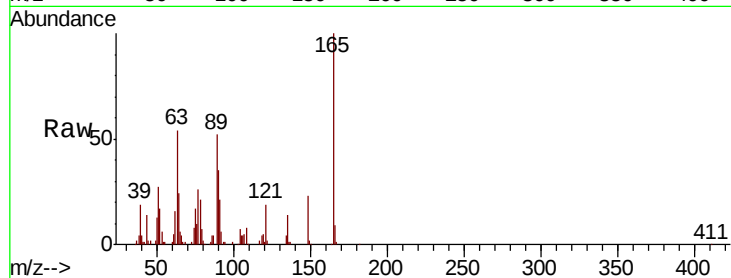
#51
 2,6-Dinitrotoluene
 Concen: 41.191 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	47.0	70.6
89	52.1	45.8	68.8

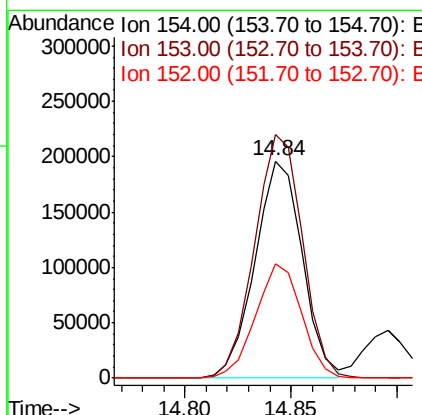
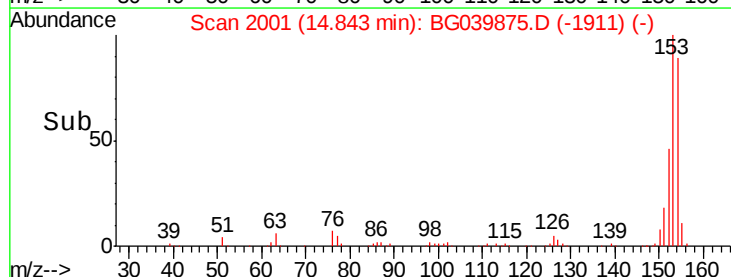
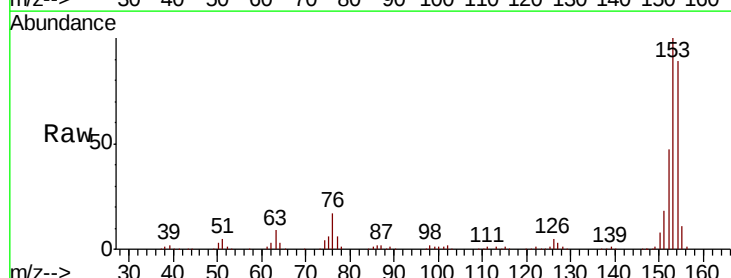
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#52
 Acenaphthene
 Concen: 38.304 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.1	135.1
152	52.5	40.9	61.3





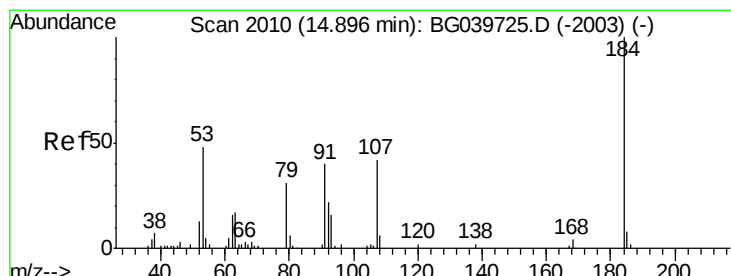
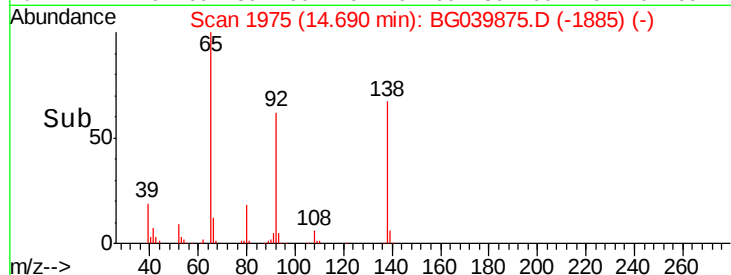
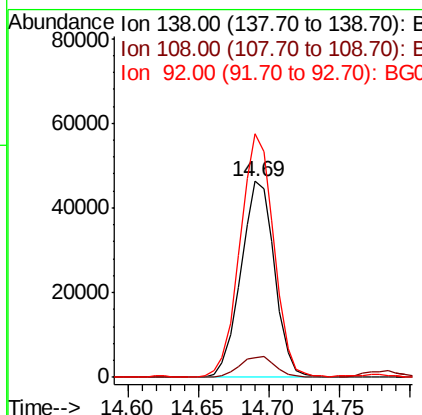
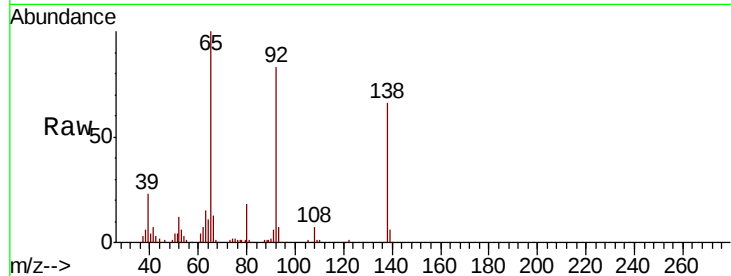
#53
3-Nitroaniline
Concen: 33.087 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion:138 Resp: 77070
Ion Ratio Lower Upper
138 100
108 10.0 13.8 20.8#
92 124.3 103.7 155.5

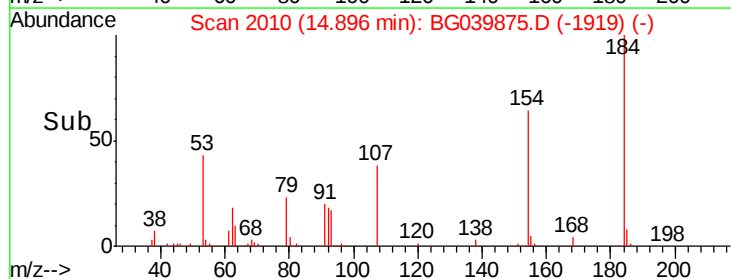
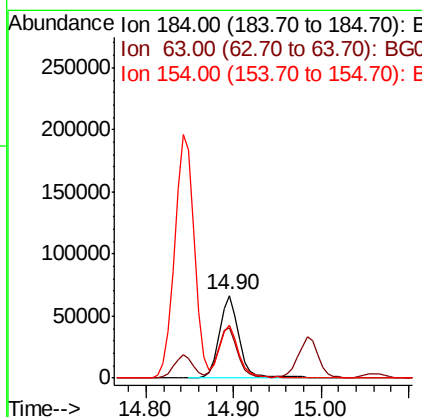
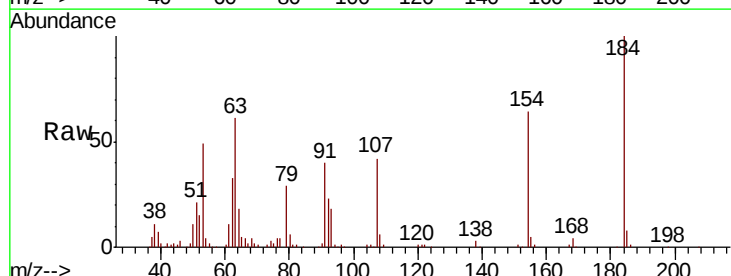
Manual Integrations
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#54
2,4-Dinitrophenol
Concen: 72.076 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:184 Resp: 104512
Ion Ratio Lower Upper
184 100
63 60.7 50.9 76.3
154 64.4 53.0 79.6





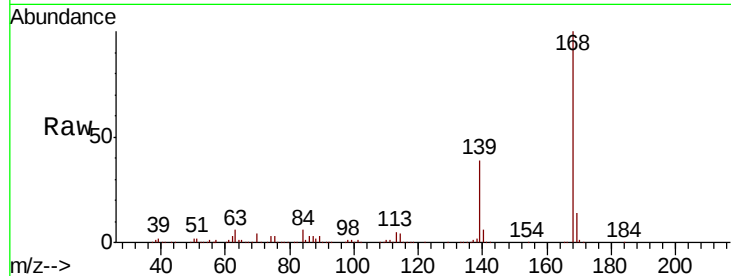
#55
Dibenzenofuran
Concen: 38.485 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.9	10.6	16.0

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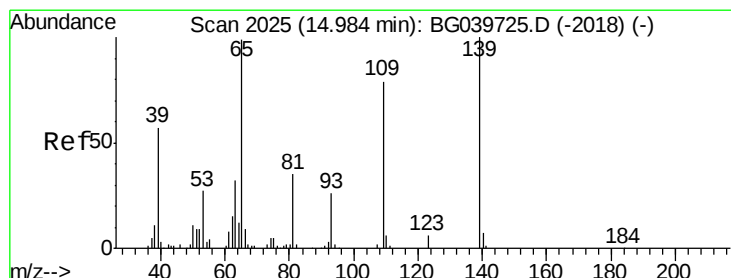
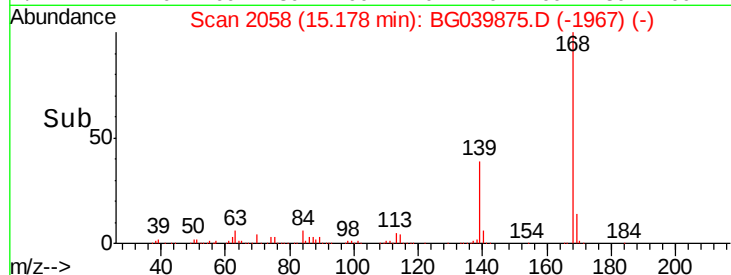
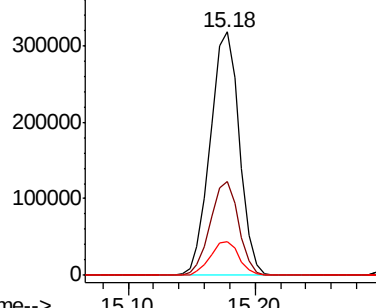


Abundance

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: 79.391 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

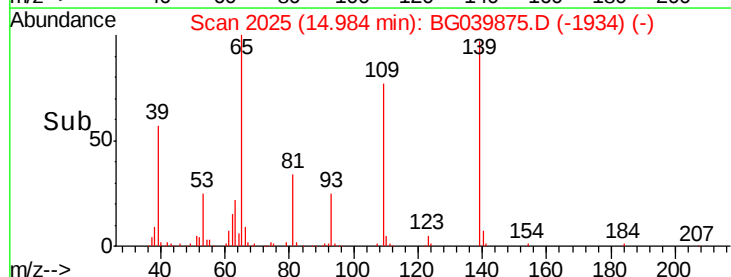
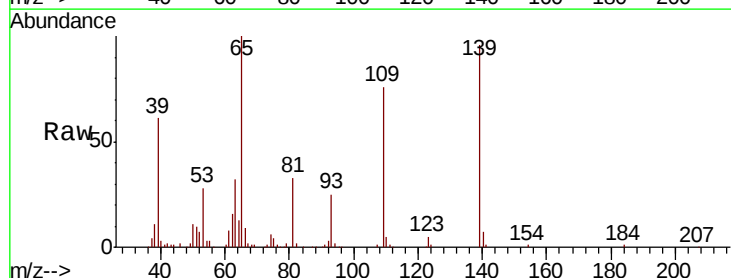
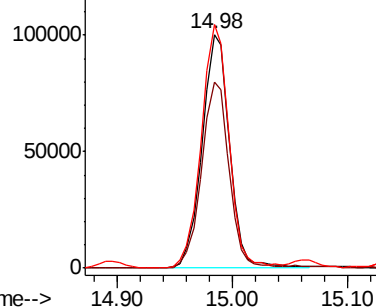
Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.6	61.9	101.9
65	104.2	99.1	139.1

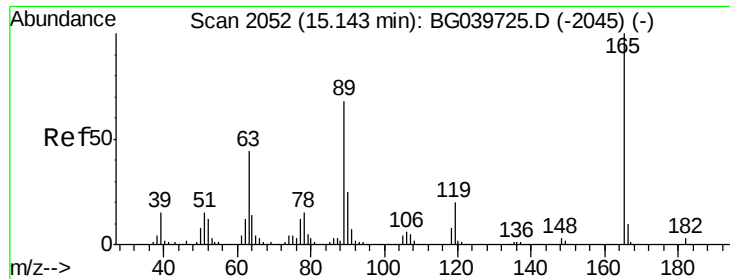
Abundance

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





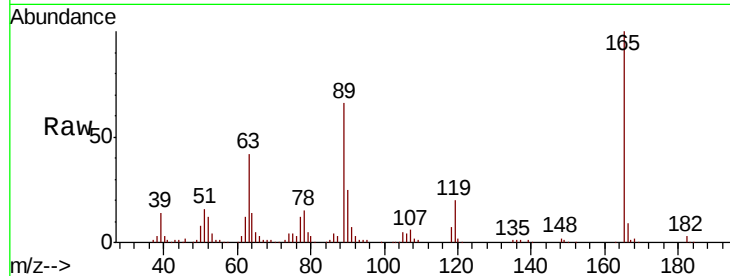
#57
2,4-Dinitrotoluene
Concen: 42.077 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	137001		
63	42.1		41.0	61.6
89	66.1		64.6	96.8
182	2.9		2.0	3.0

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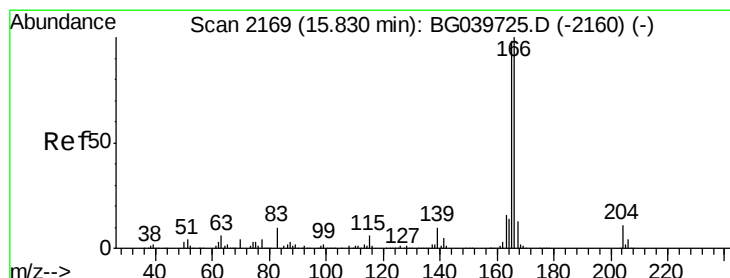
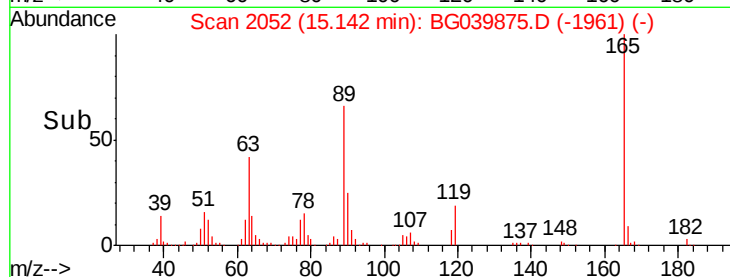
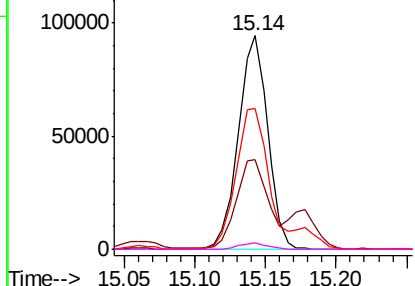
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

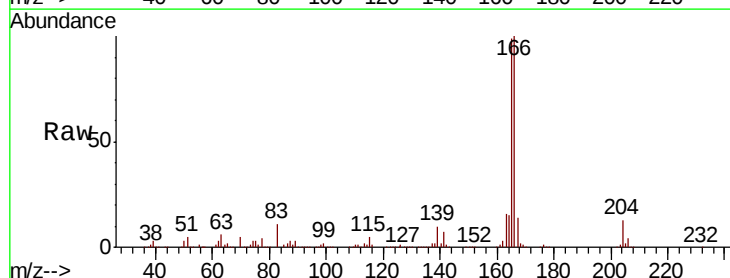
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.966 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	401646		
165	98.8		77.9	116.9
167	13.7		10.8	16.2

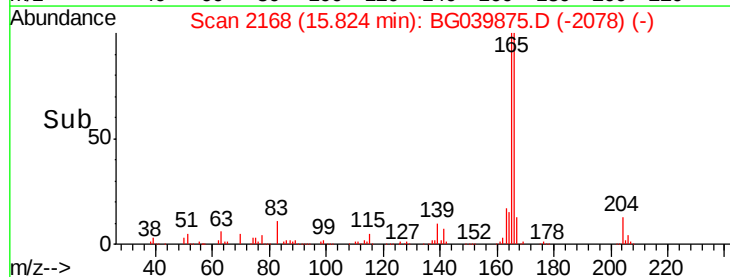
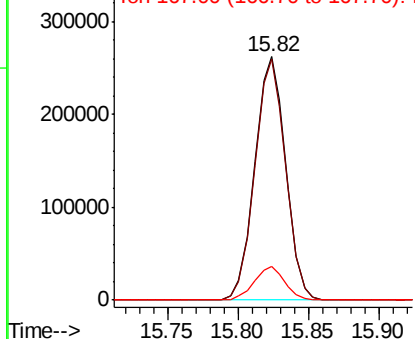


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.754 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

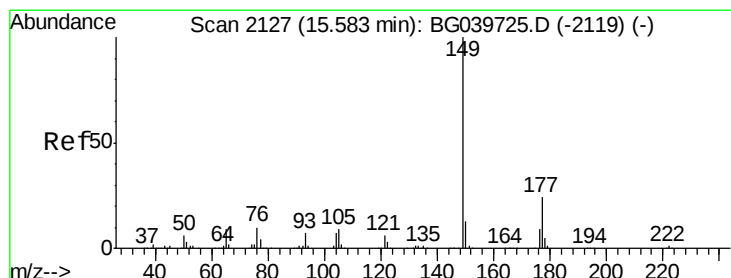
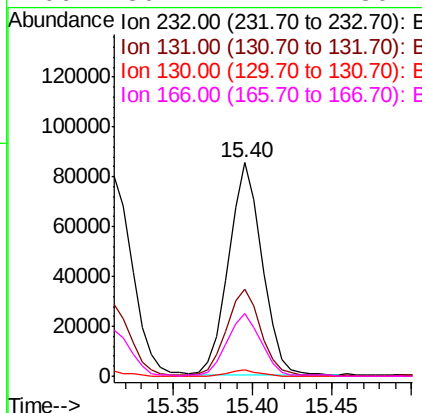
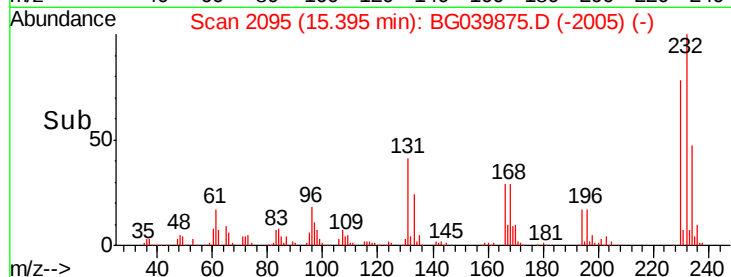
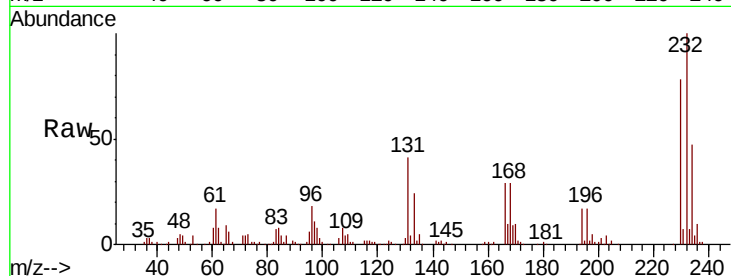
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	124877		
131	41.9	34.9	52.3	
130	2.6	2.0	3.0	
166	30.4	24.1	36.1	

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#60

Diethylphthalate

Concen: 39.933 ng

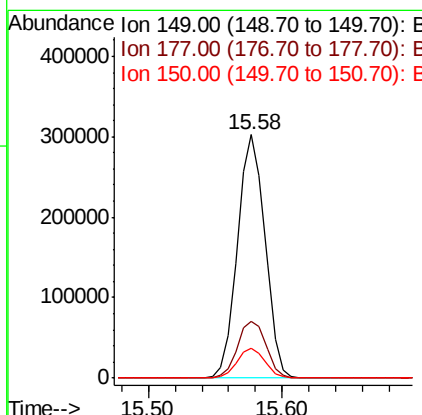
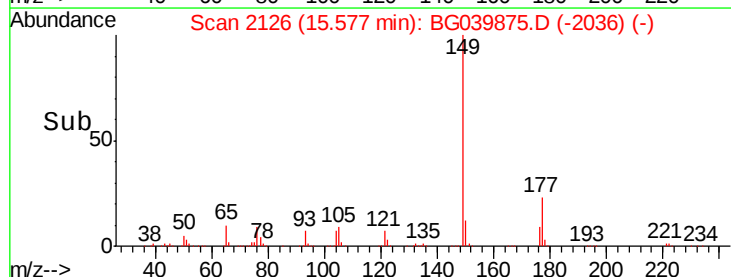
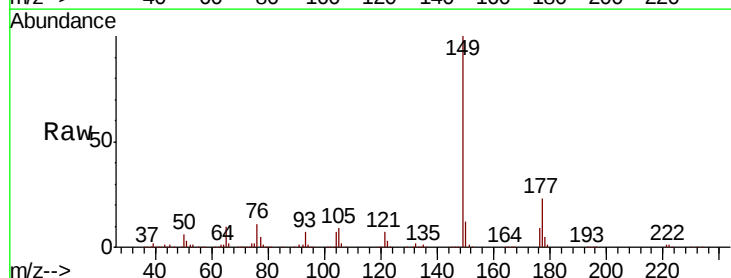
RT: 15.58 min Scan# 2126

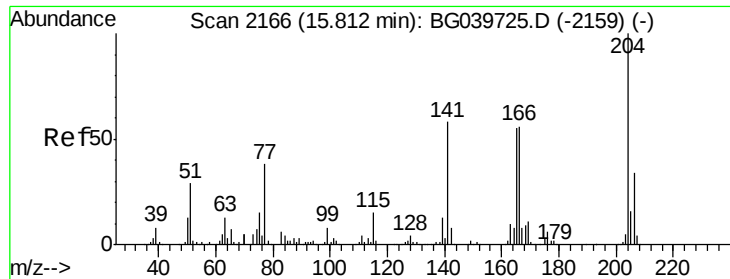
Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	432096		
177	23.1	18.3	27.5	
150	12.2	10.2	15.2	





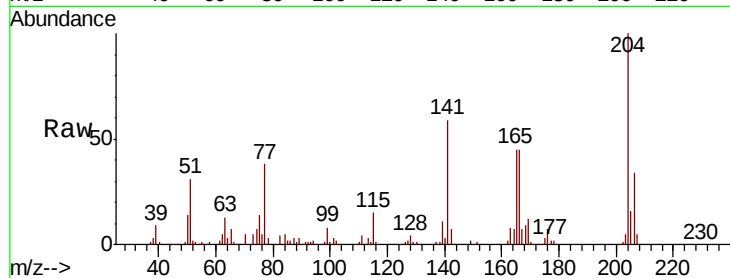
#61
4-Chlorophenyl-phenylether
Concen: 38.482 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

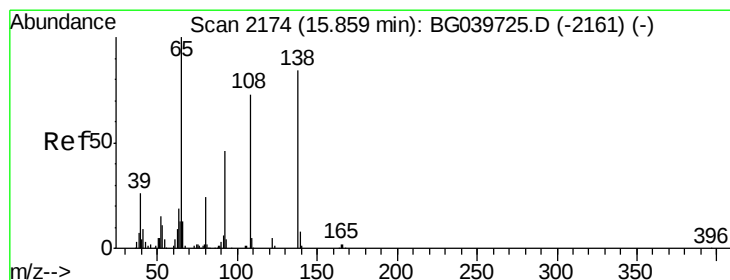
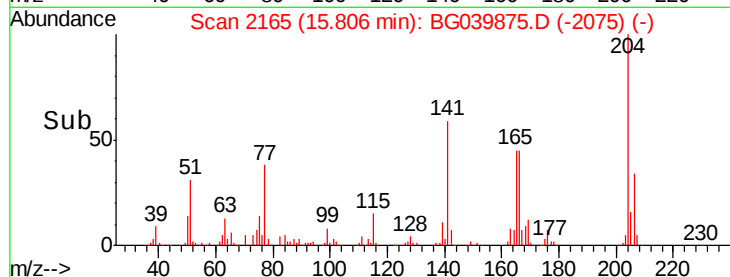
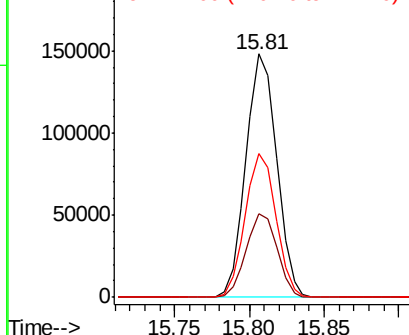
Tot Ion:	204	Resp:	211661
Ion Ratio	Lower	Upper	
204	100		
206	34.2	29.2	43.8
141	58.9	49.0	73.4

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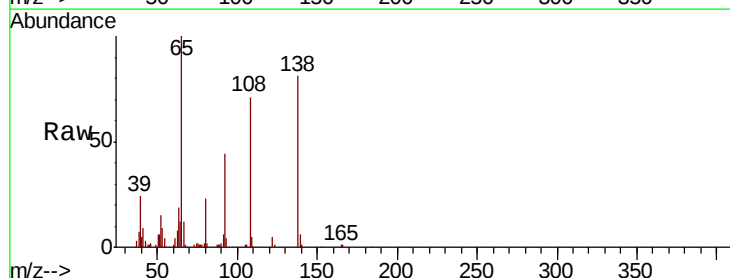


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

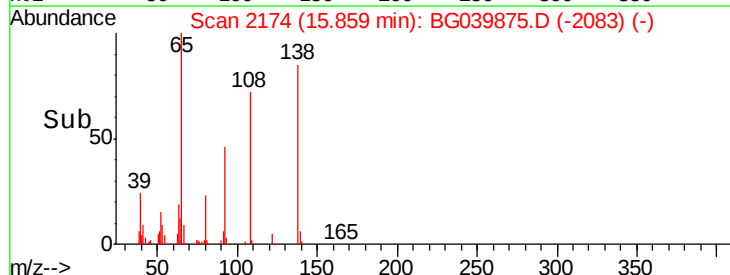
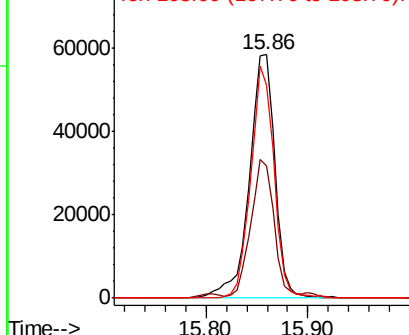


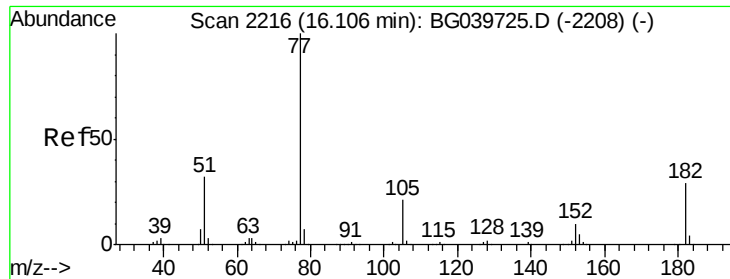
#62
4-Nitroaniline
Concen: 40.556 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:	138	Resp:	102413
Ion Ratio	Lower	Upper	
138	100		
92	54.5	38.7	78.7
108	87.4	74.6	114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





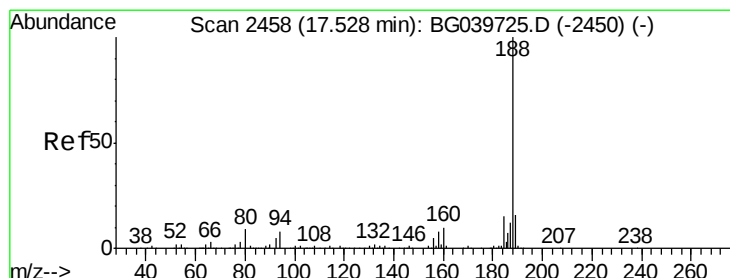
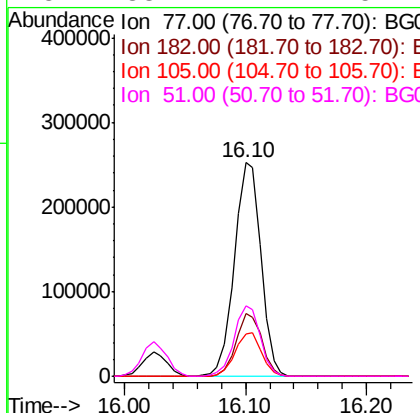
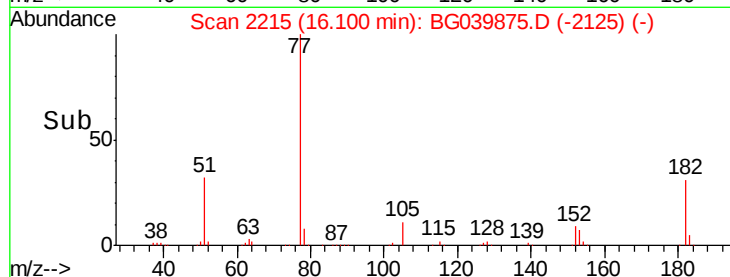
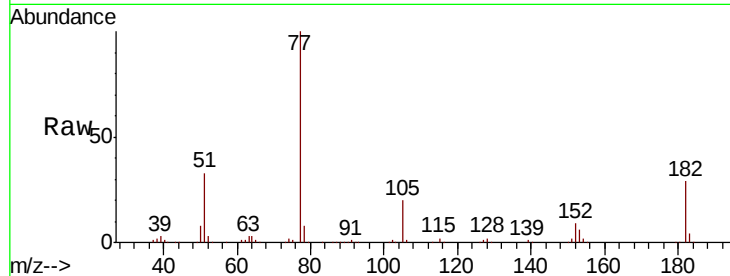
#63
Azobenzene
Concen: 39.448 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.2	6.4	46.4	
105	20.0	0.0	39.8	
51	33.1	14.1	54.1	

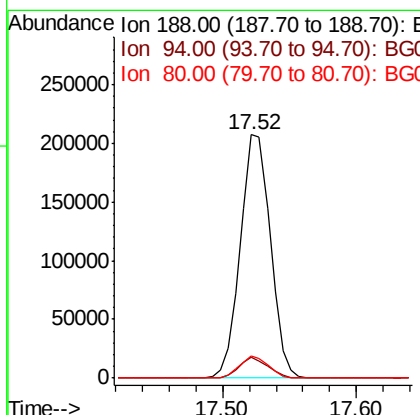
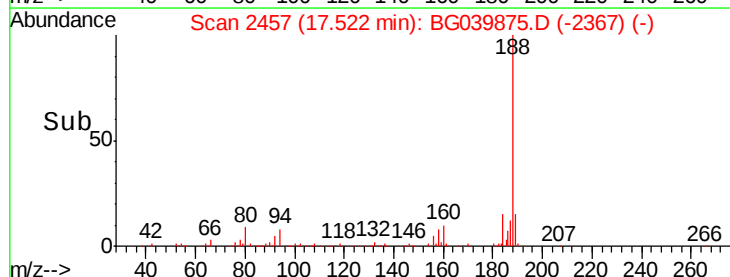
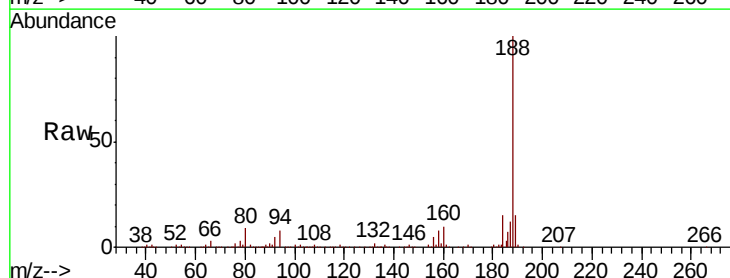
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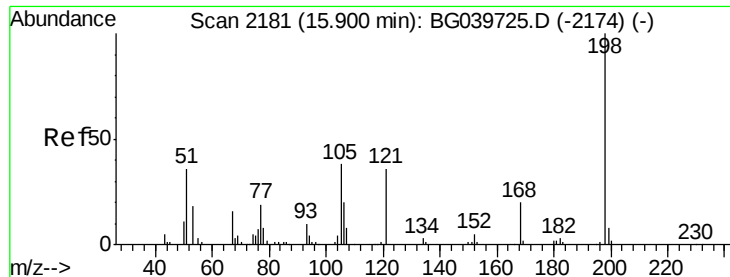
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	6.9	10.3	
80	9.2	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.533 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

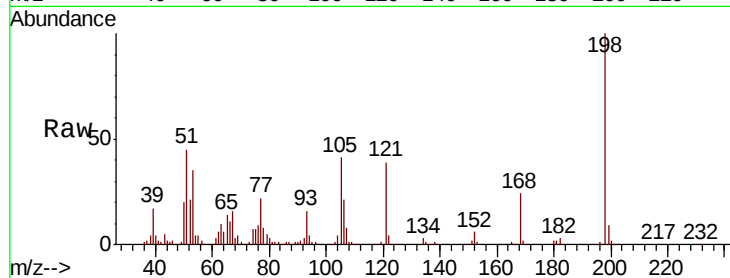
ClientSampleId :

BALLFIELD-SS-03072019MSD

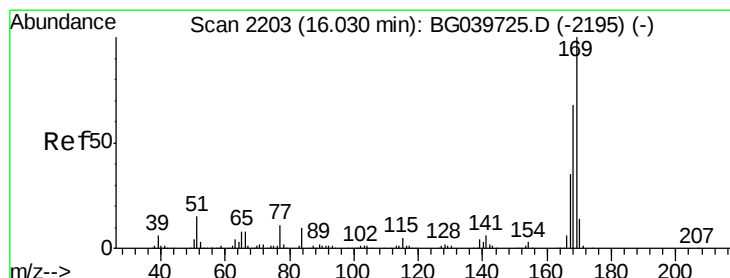
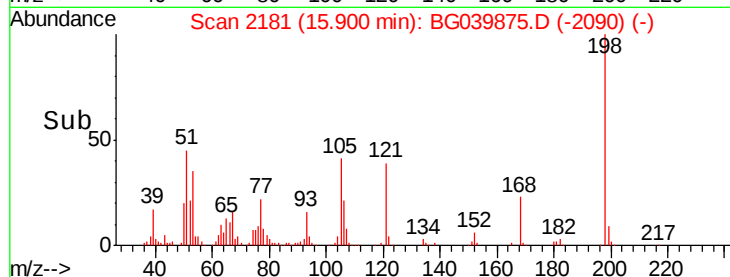
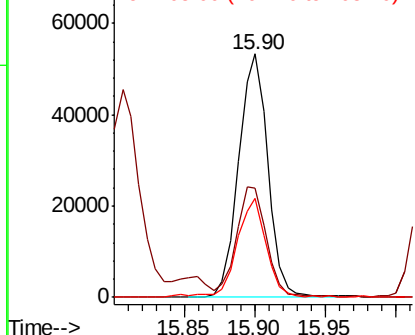
Tot Ion:	198	Resp:	77152
Ion Ratio	Lower	Upper	
198	100		
51	44.7	27.4	67.4
105	40.6	19.7	59.7

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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: 40.336 ng

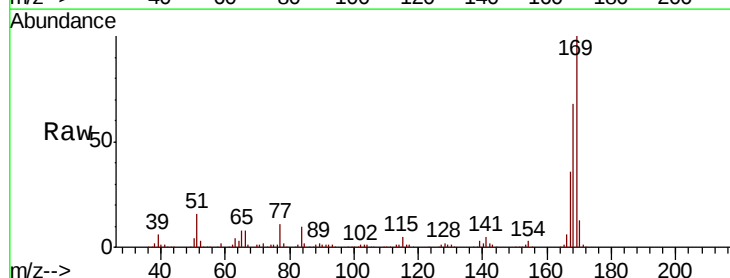
RT: 16.02 min Scan# 2202

Delta R.T. -0.00 min

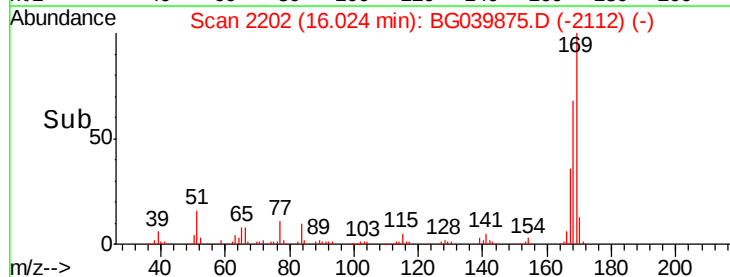
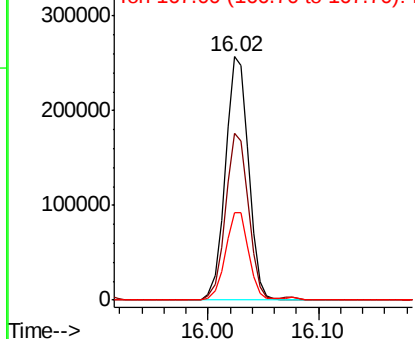
Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	169	Resp:	375930
Ion Ratio	Lower	Upper	
169	100		
168	68.4	56.6	85.0
167	36.0	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





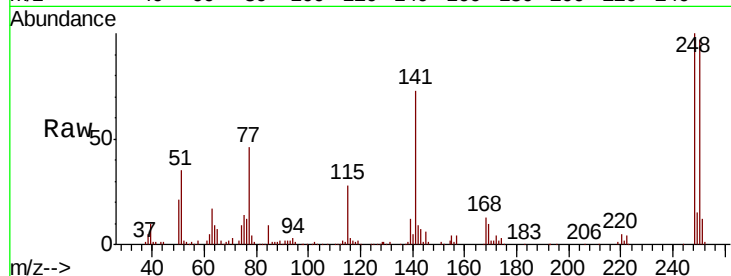
#67
4-Bromophenyl-phenylether
Concen: 38.913 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.6	116.4
141	73.1	63.9	95.9

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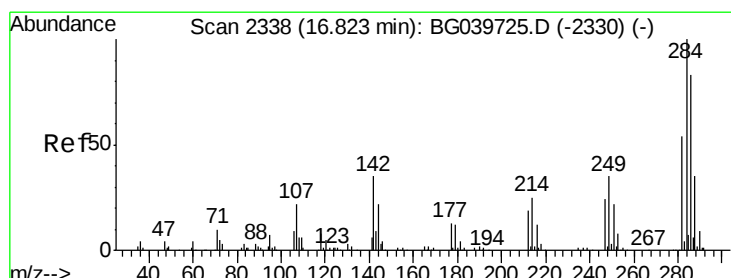
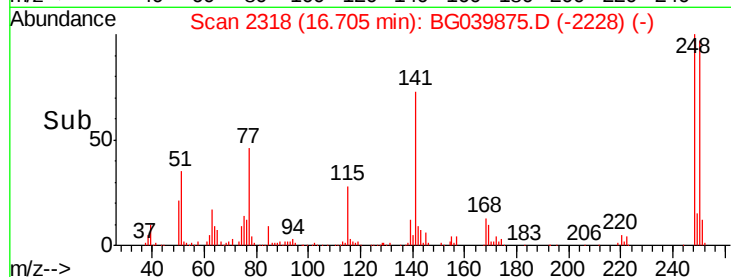
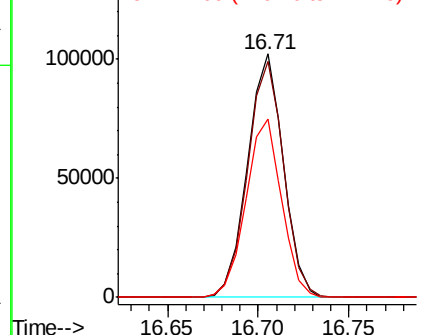


Abundance

Ion 248.00 (247.70 to 248.70): E

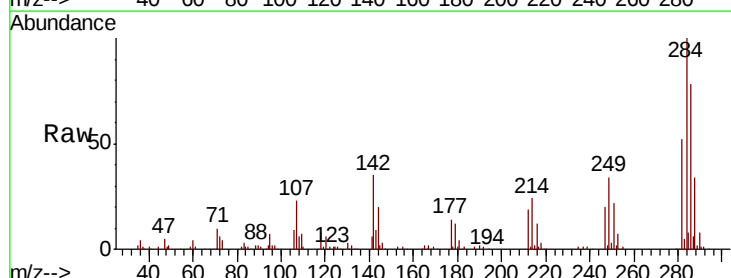
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.196 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	30.6	45.8
249	34.2	28.2	42.2

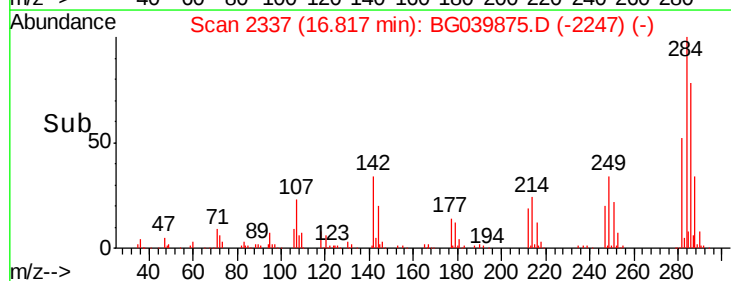
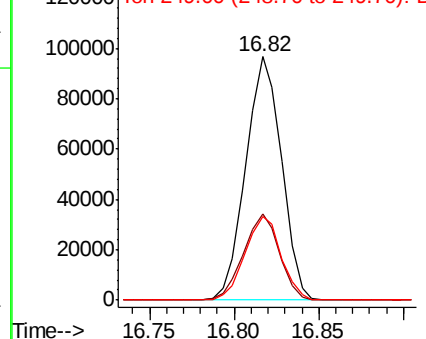


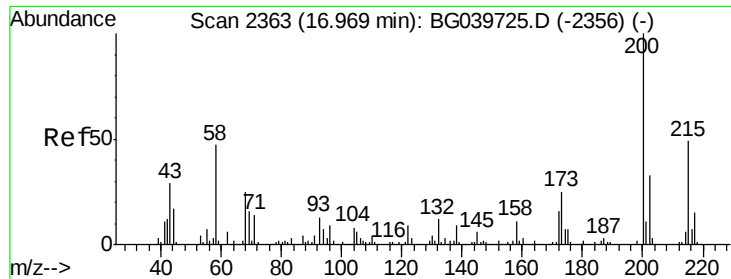
Abundance

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





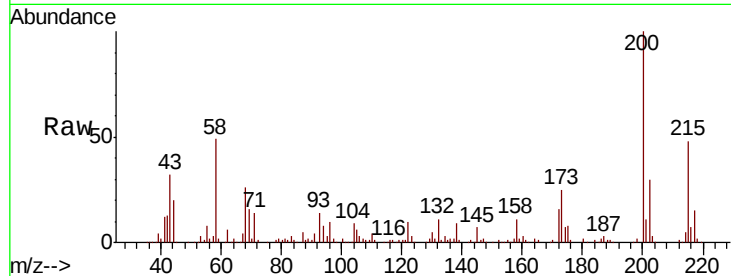
#69
Atrazine
Concen: 40.449 ng
RT: 16.96 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.7	3.9	43.9
215	48.1	30.9	70.9

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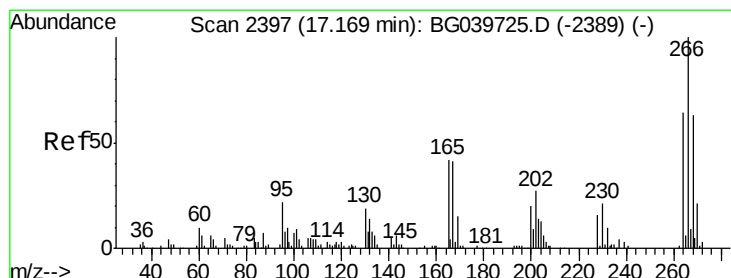
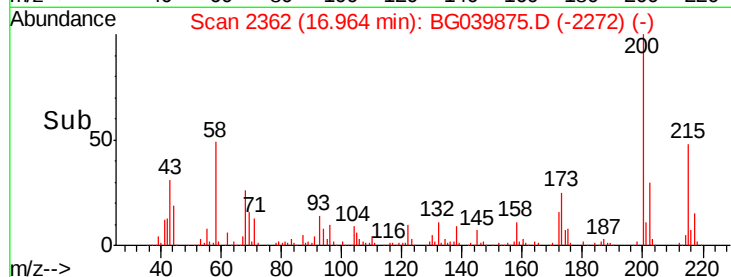
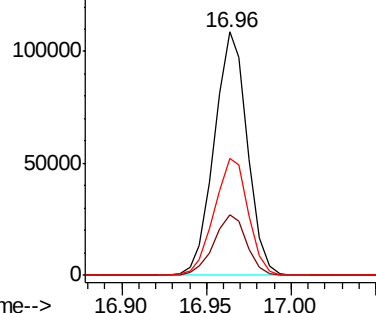


Abundance

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: 76.493 ng
RT: 17.16 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

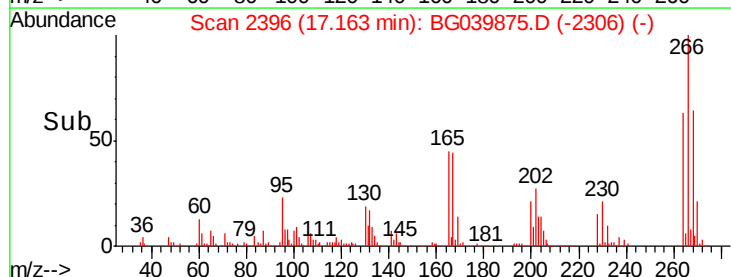
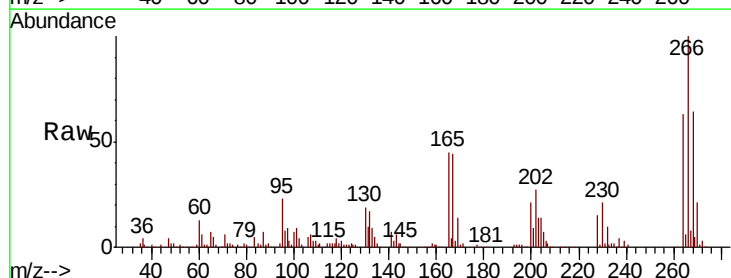
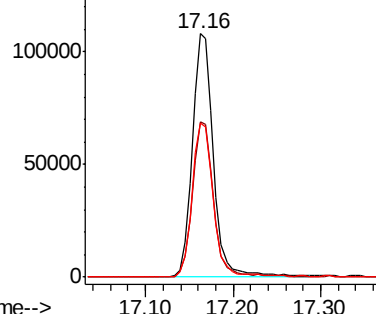
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.4	52.1	78.1

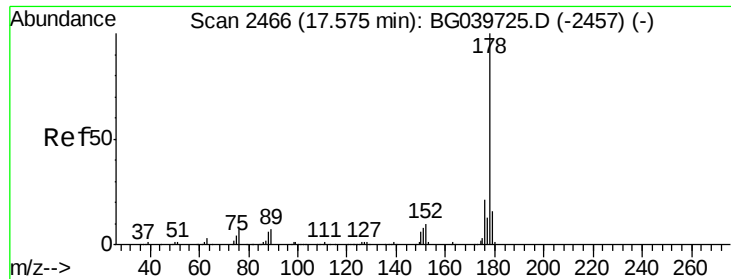
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





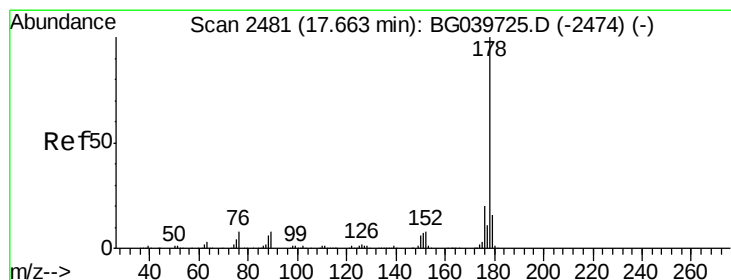
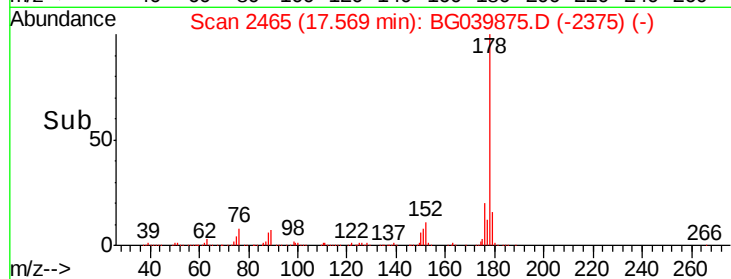
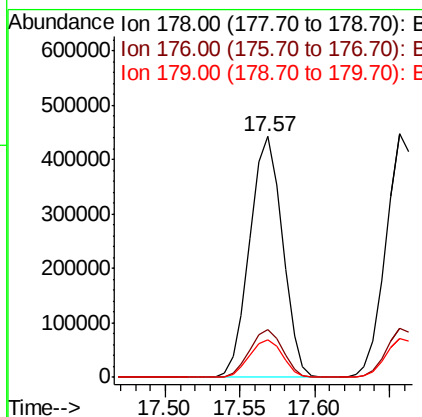
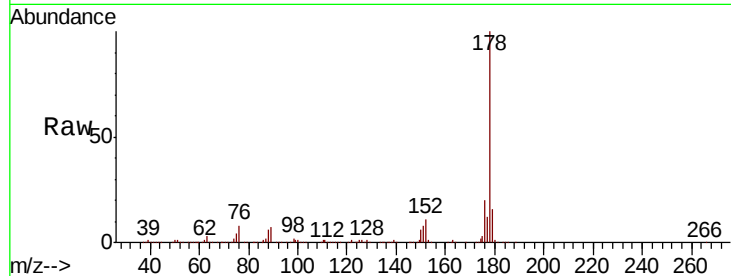
#71
Phenanthrene
Concen: 37.984 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.8	12.6	19.0

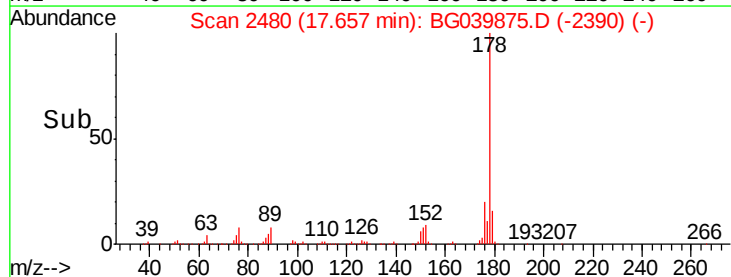
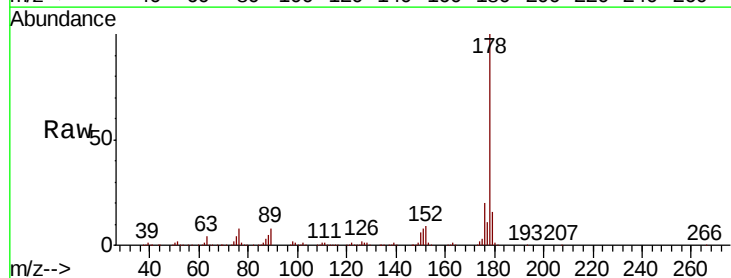
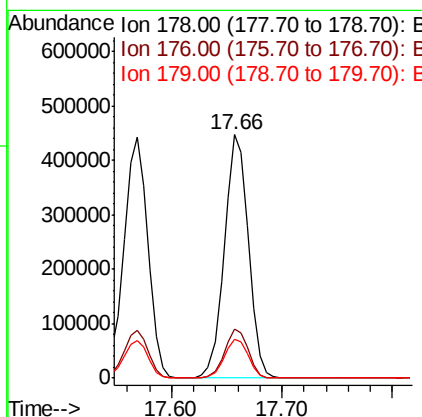
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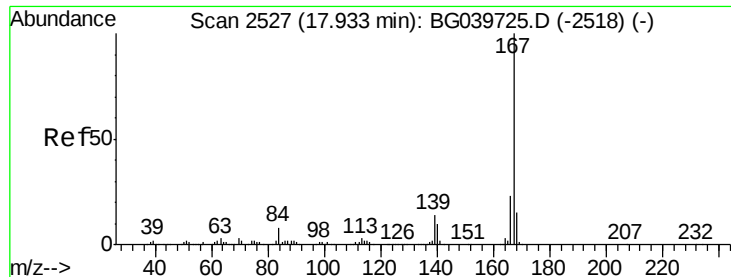
Sohil
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#72
Anthracene
Concen: 39.328 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.0	12.5	18.7





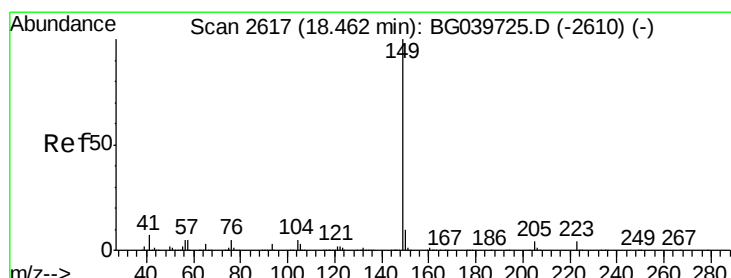
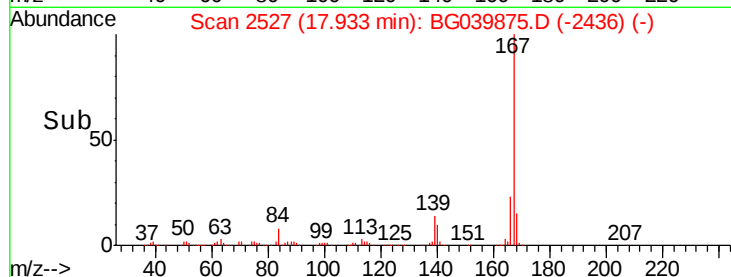
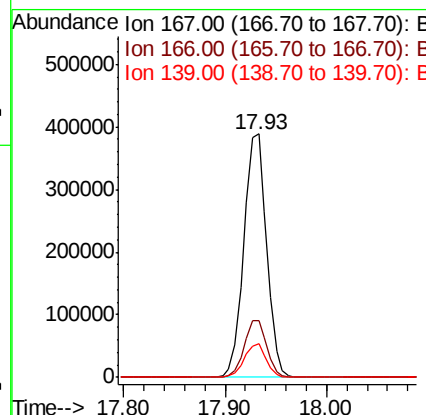
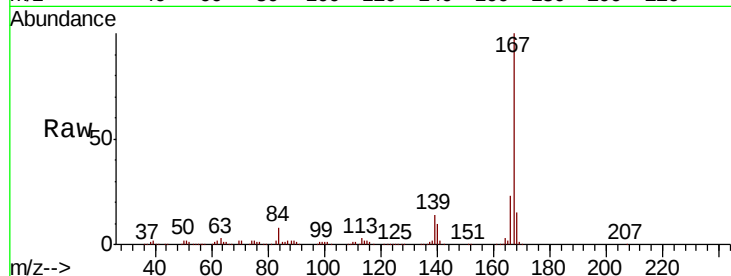
#73
 Carbazole
 Concen: 38.843 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.6	10.8	16.2

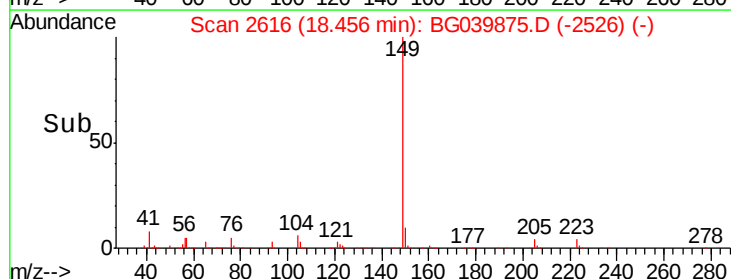
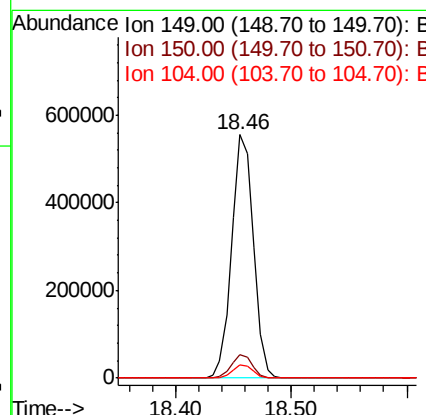
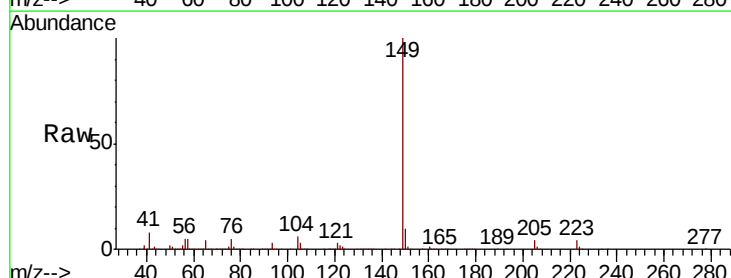
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 39.443 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 38.110 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

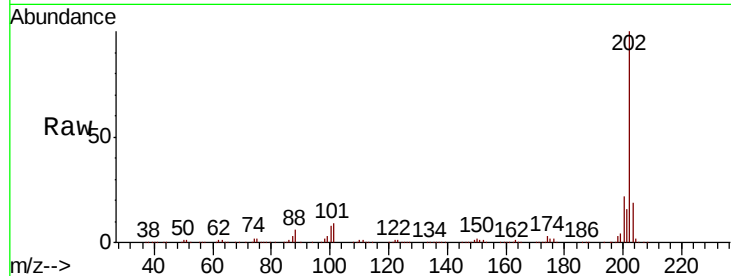
ClientSampleId :

BALLFIELD-SS-03072019MSD

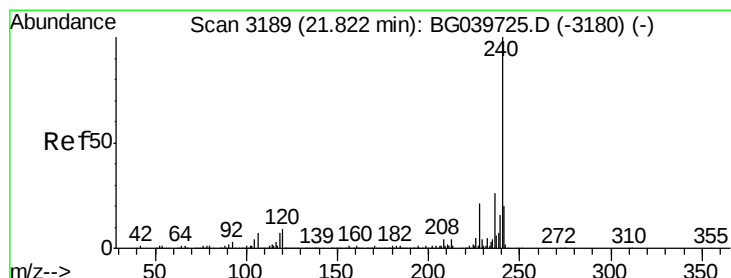
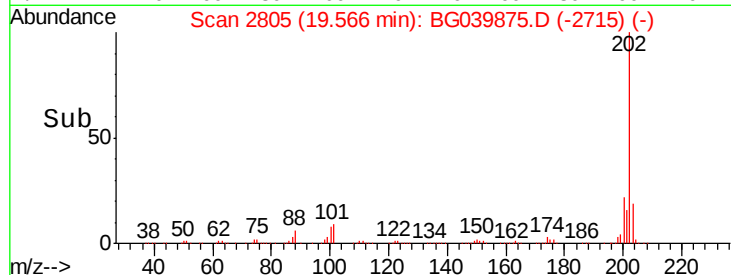
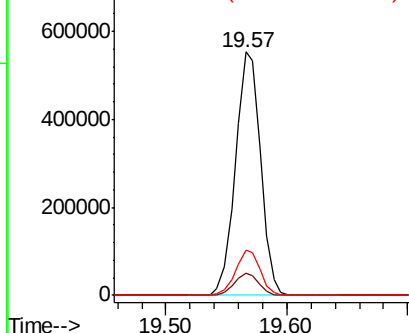
Tot Ion	Ratio	Resp	Lower	Upper
202	100	798649		
101	9.4	0.0	30.0	
203	18.5	0.0	38.9	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

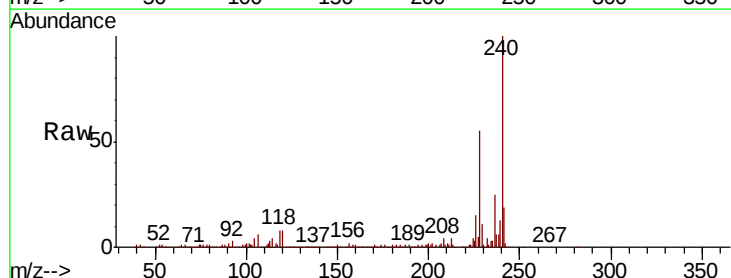
RT: 21.81 min Scan# 3187

Delta R.T. -0.00 min

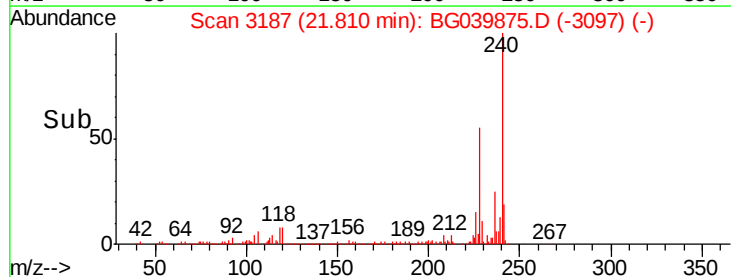
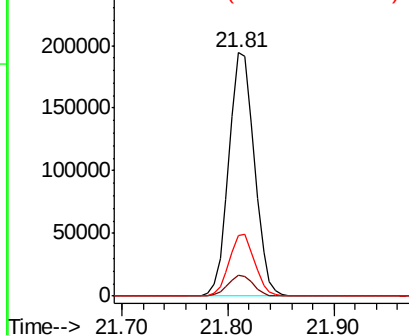
Lab File: BG039875.D

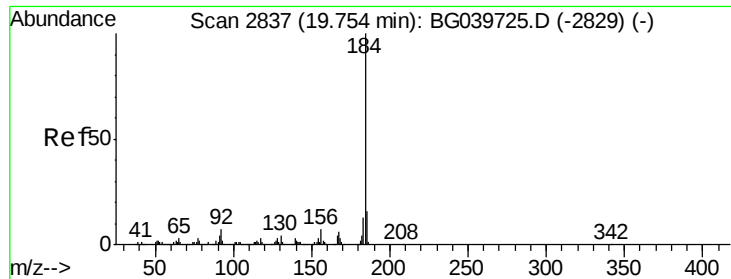
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	324006		
120	8.4	7.0	10.6	
236	25.1	21.0	31.4	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.298 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

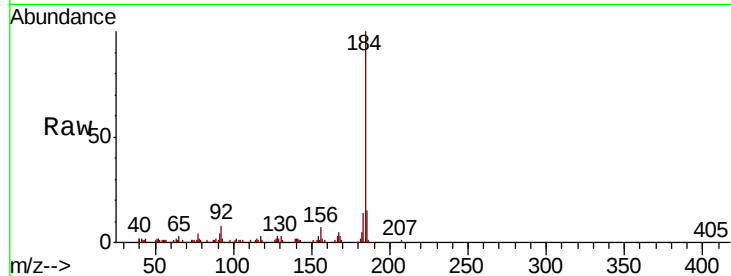
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	184	Resp:	75032
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	13.9	10.6	15.8

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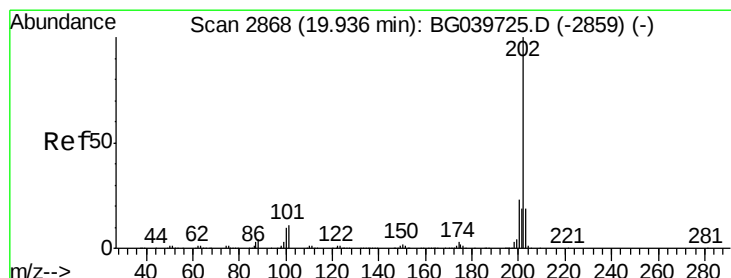
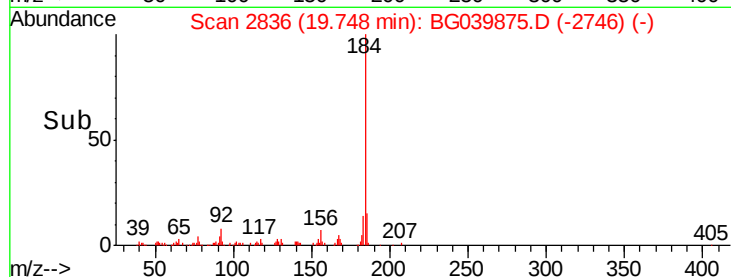
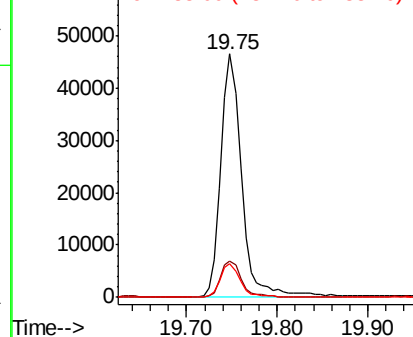


Abundance

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: 37.801 ng

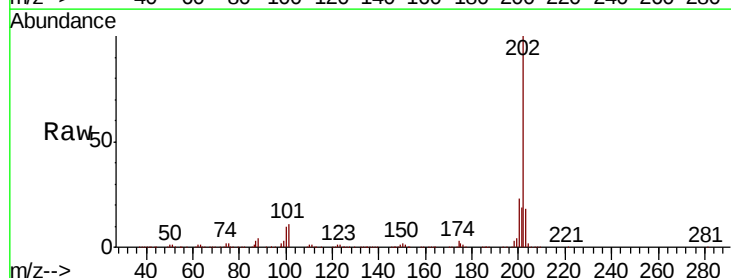
RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	202	Resp:	795864
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	18.4	15.3	22.9

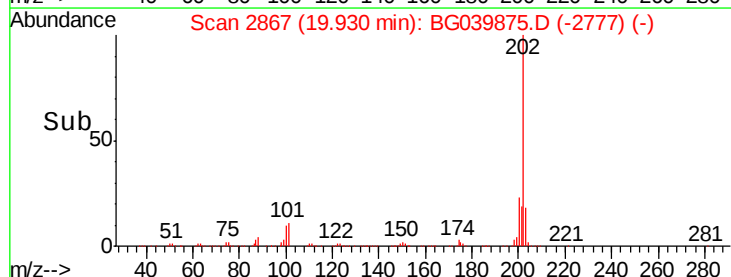
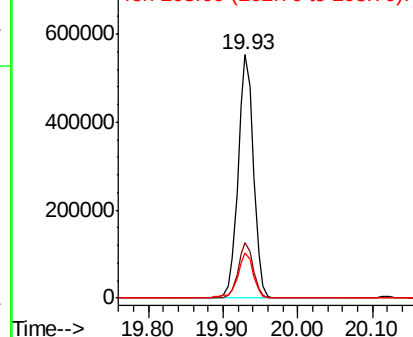


Abundance

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: 74.664 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:244 Resp: 1098715

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

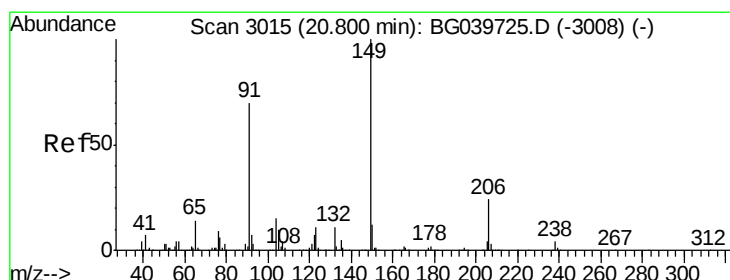
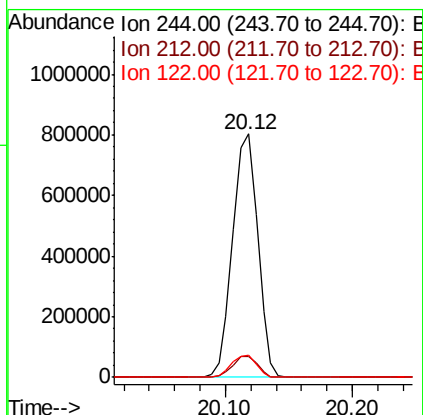
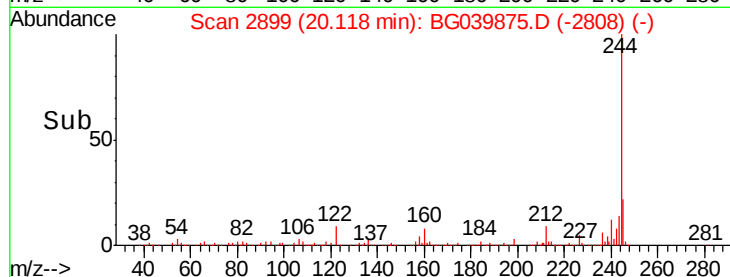
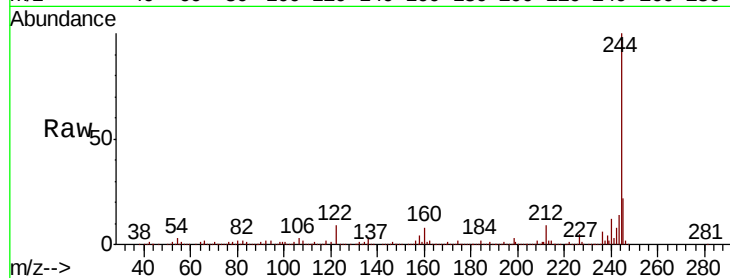
122 9.1 8.4 12.6

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#80

Butylbenzylphthalate

Concen: 42.034 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

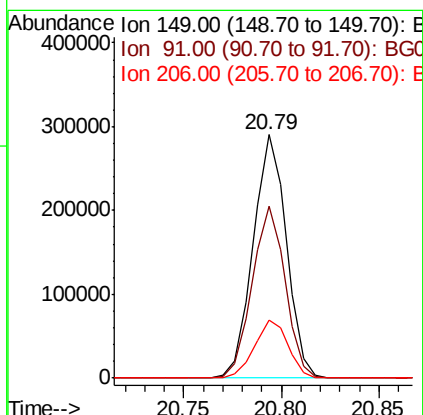
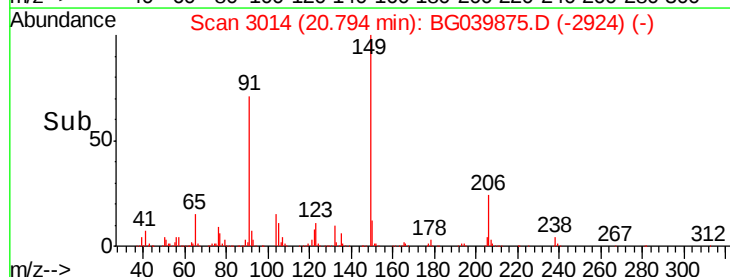
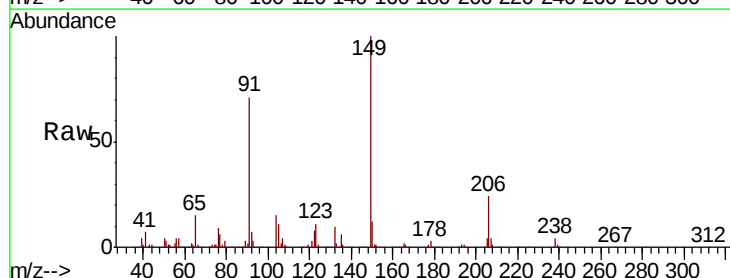
Tgt Ion:149 Resp: 342864

Ion Ratio Lower Upper

149 100

91 70.6 59.5 89.3

206 23.6 18.6 27.8





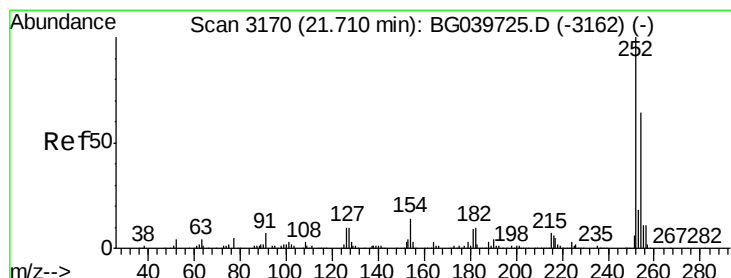
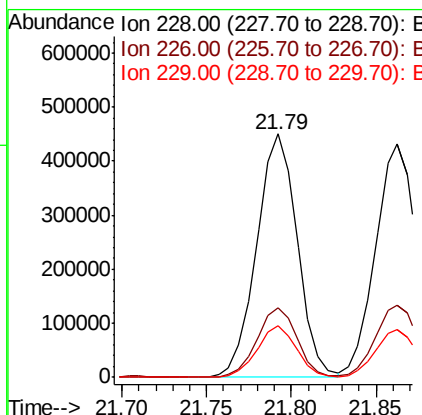
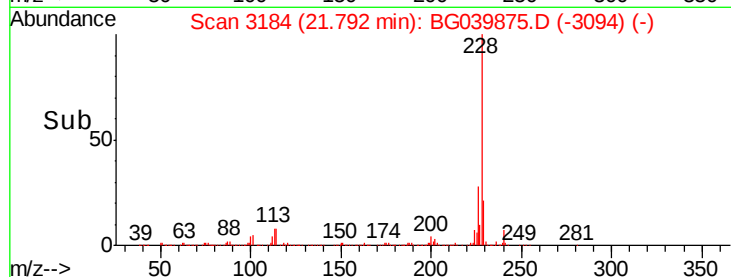
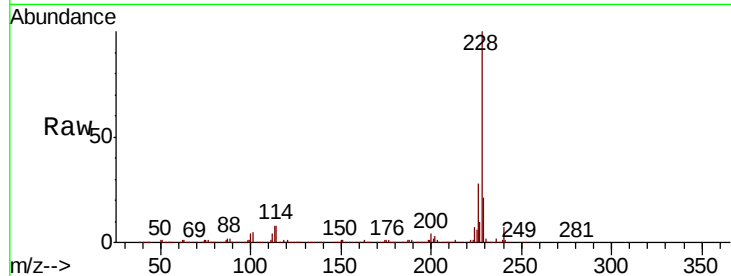
#81
Benzo(a)anthracene
Concen: 37.069 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Tot Ion:	228	Resp:	752730
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.0	34.6
229	21.3	16.9	25.3

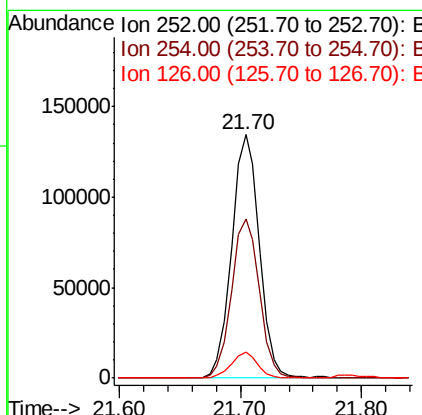
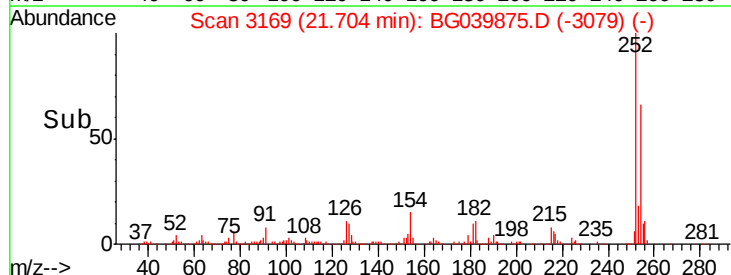
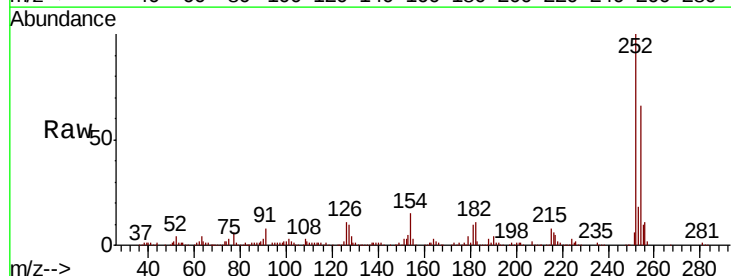
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#82
3,3'-Dichlorobenzidine
Concen: 28.961 ng
RT: 21.70 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion:	252	Resp:	214709
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.3	76.9
126	10.5	8.0	12.0





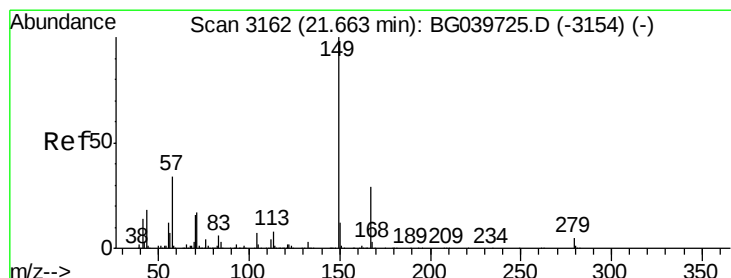
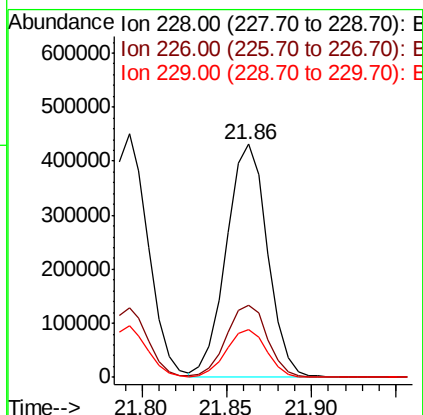
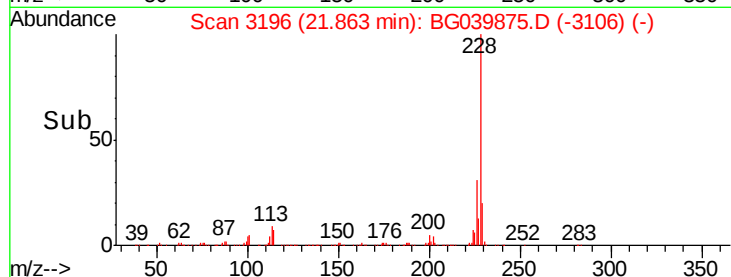
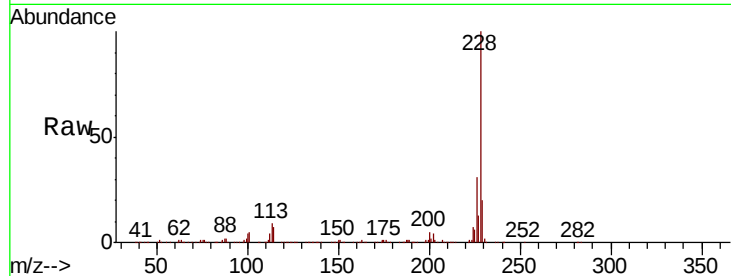
#83
 Chrysene
 Concen: 36.942 ng
 RT: 21.86 min Scan# 3196
 Delta R.T. -0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 BALLFIELD-SS-03072019MSD

Tot Ion:	228	Resp:	727261
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.8	38.6
229	20.3	16.6	25.0

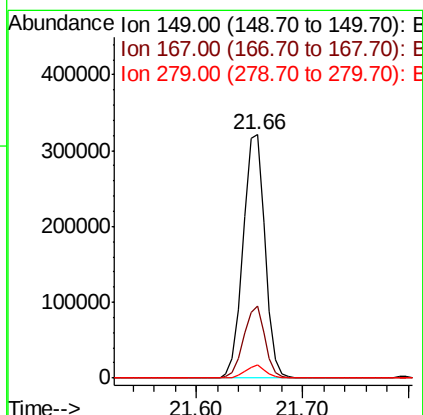
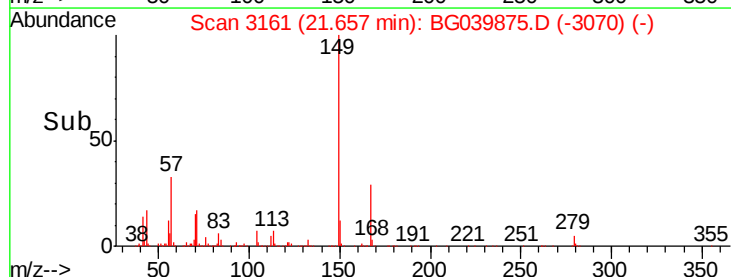
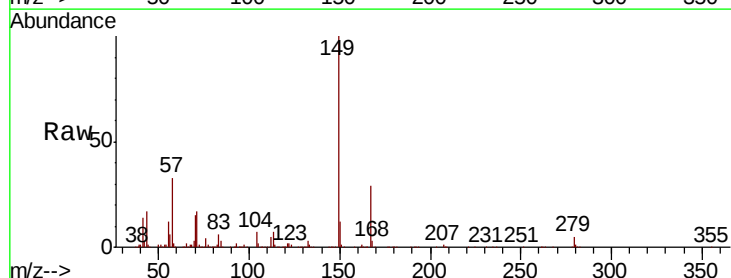
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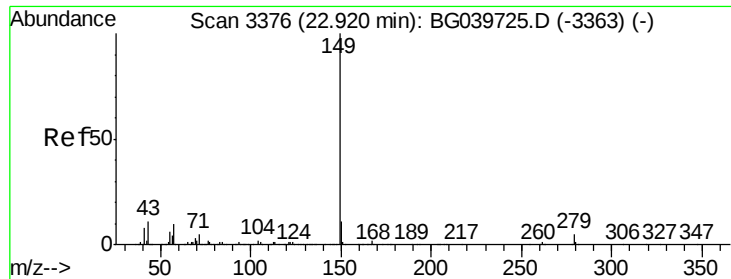
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.073 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.00 min
 Lab File: BG039875.D
 Acq: 12 Mar 2019 15:35

Tgt Ion:	149	Resp:	459336
Ion Ratio	Lower	Upper	
149	100		
167	29.4	22.6	34.0
279	5.3	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 41.852 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

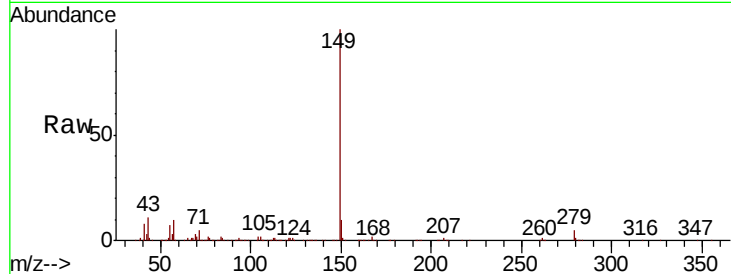
ClientSampleId :

BALLFIELD-SS-03072019MSD

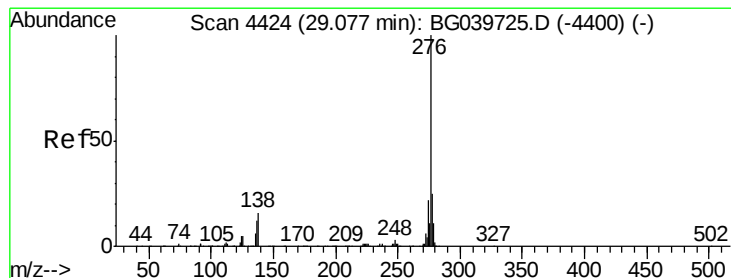
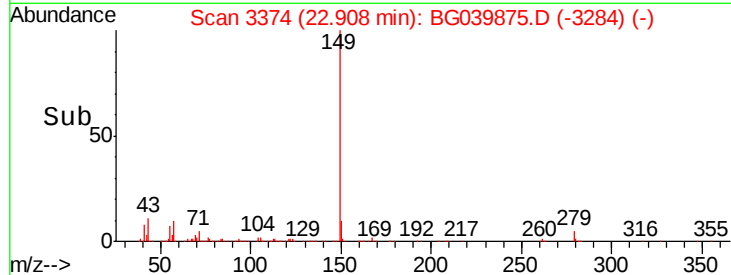
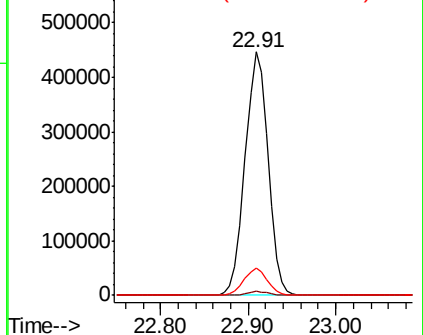
Tot Ion:	149	Resp:	794318
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.853 ng

RT: 29.06 min Scan# 4421

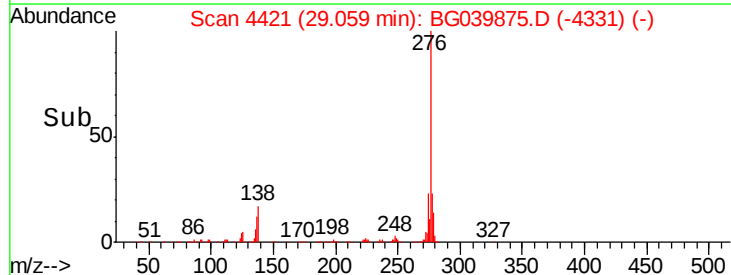
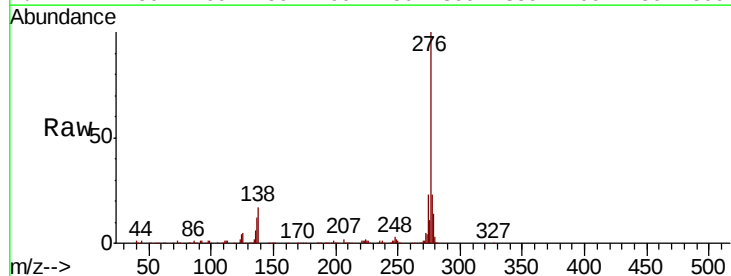
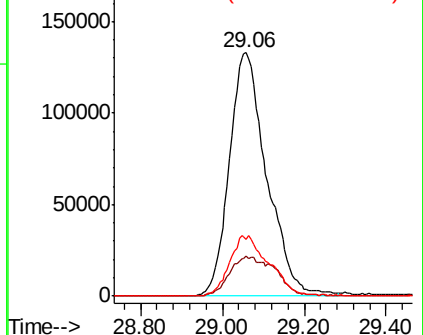
Delta R.T. -0.00 min

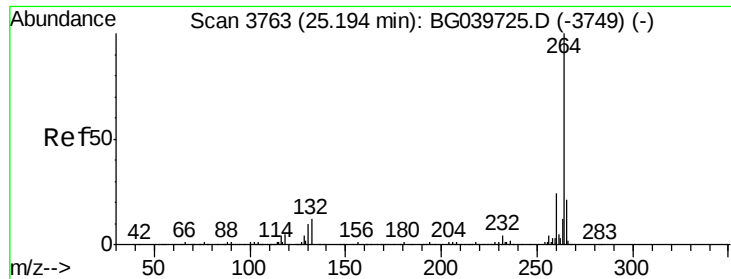
Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	276	Resp:	845375
Ion Ratio	Lower	Upper	
276	100		
138	20.0	12.6	19.0#
277	25.9	20.8	31.2

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Instrument :

BNA_G

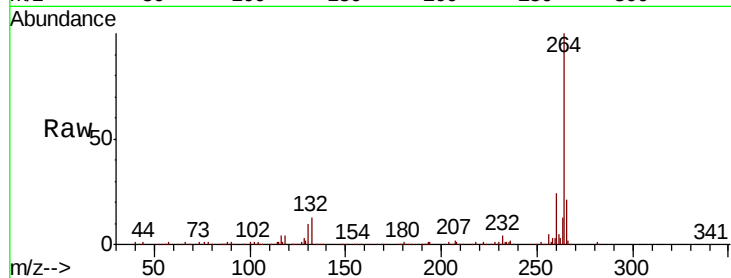
ClientSampleId :

BALLFIELD-SS-03072019MSD

Tot Ion:	264	Resp:	327938
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	20.9	18.5	27.7

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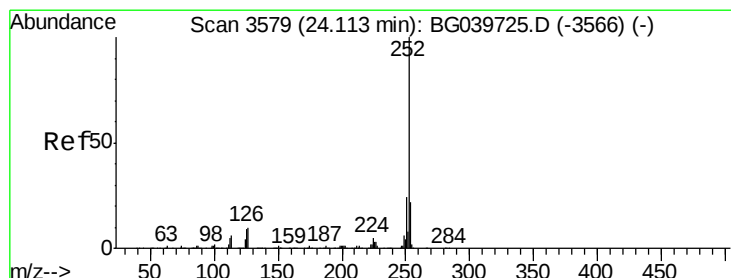
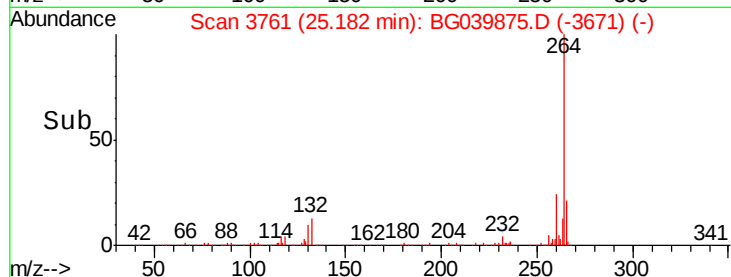
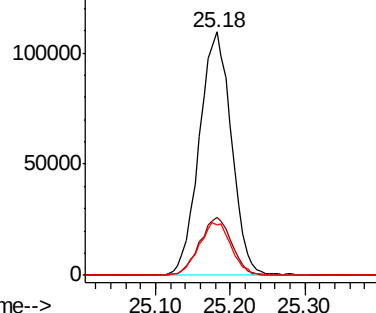


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.407 ng

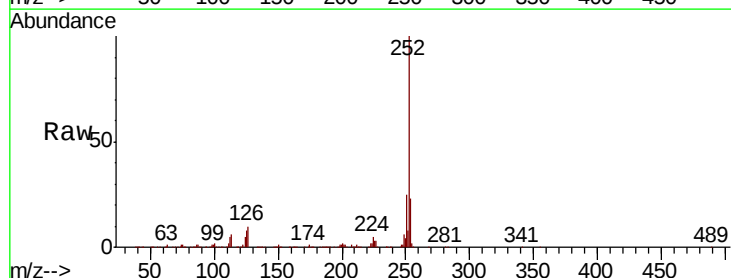
RT: 24.10 min Scan# 3577

Delta R.T. -0.00 min

Lab File: BG039875.D

Acq: 12 Mar 2019 15:35

Tgt Ion:	252	Resp:	751081
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	8.4	7.8	11.6

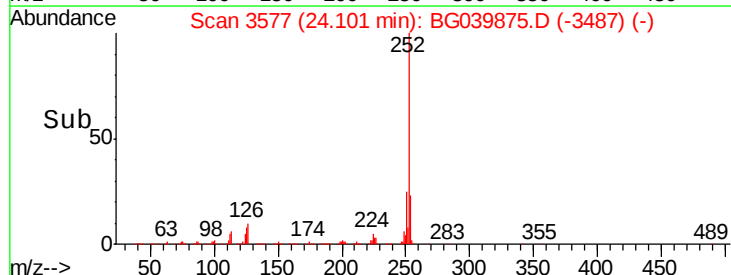
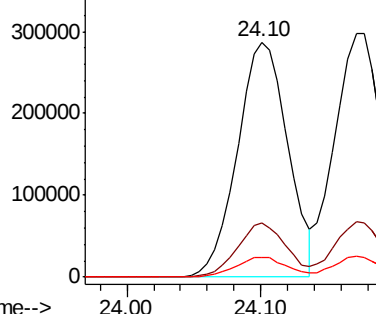


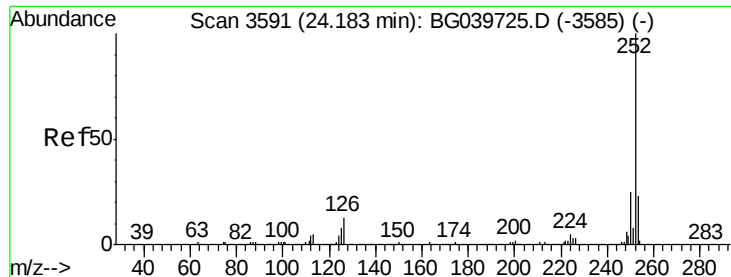
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





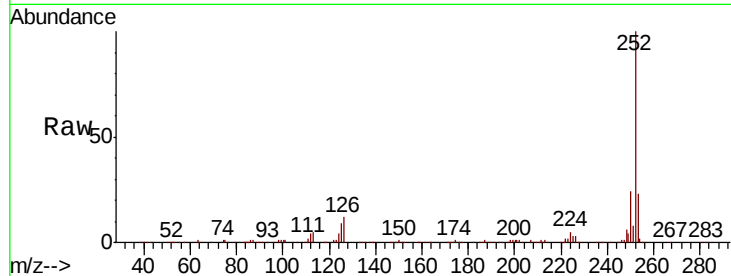
#89
Benzo(k)fluoranthene
Concen: 40.386 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

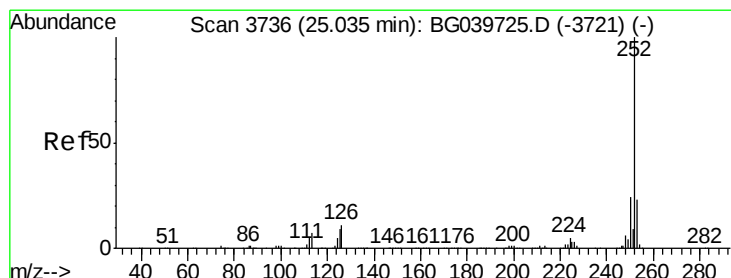
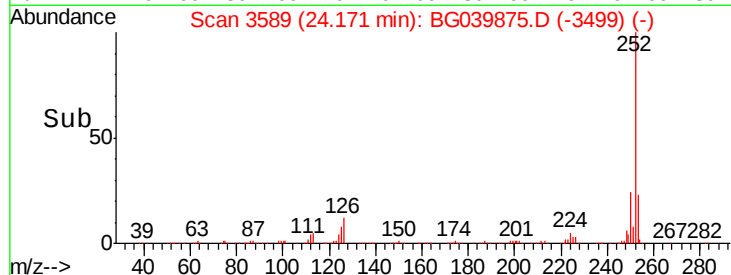
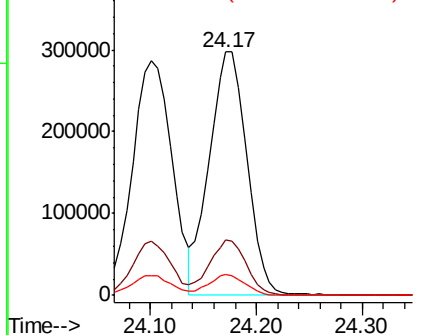
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.5	7.4	11.2

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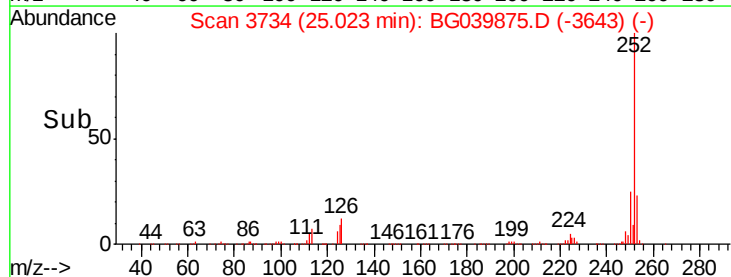
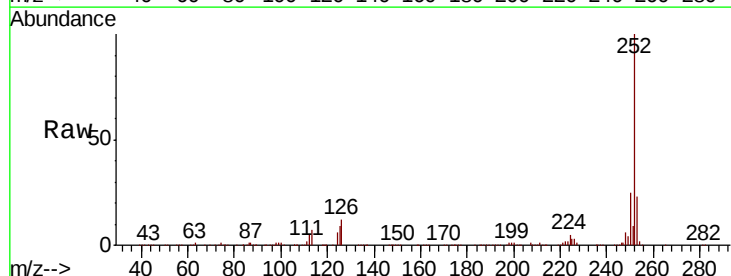
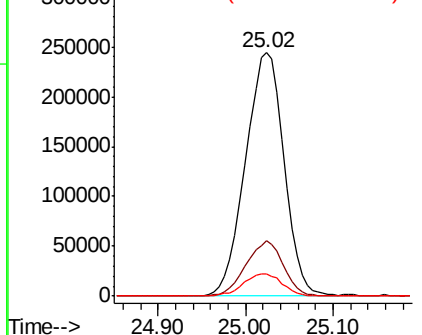
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.737 ng
RT: 25.02 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.9	8.3	12.5

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





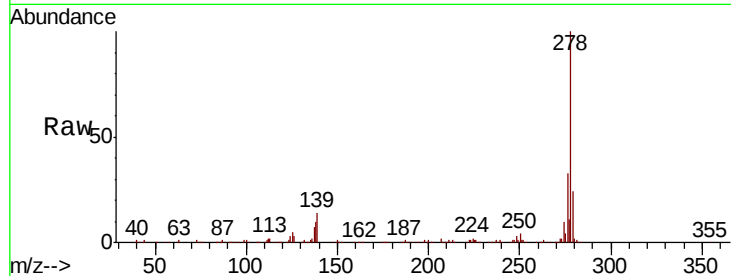
#91
Dibenzo(a,h)anthracene
Concen: 38.888 ng
RT: 29.13 min Scan# 4433
Delta R.T. 0.00 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

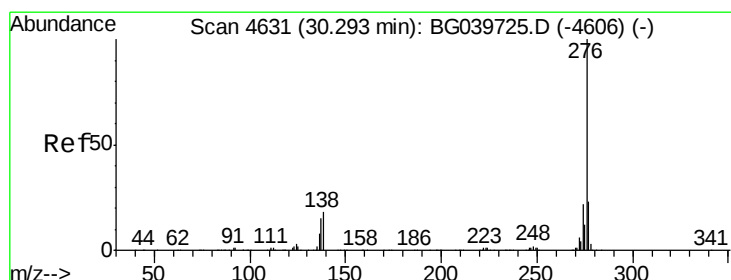
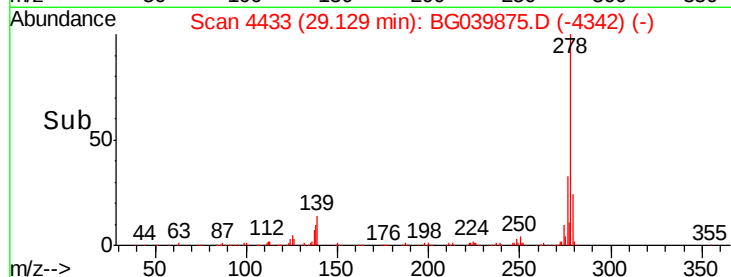
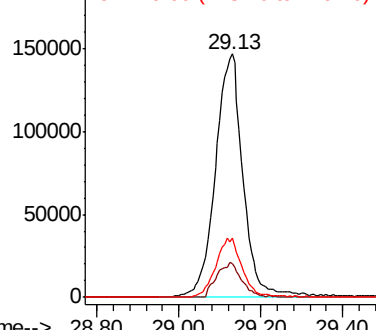
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	24.3	19.1	28.7

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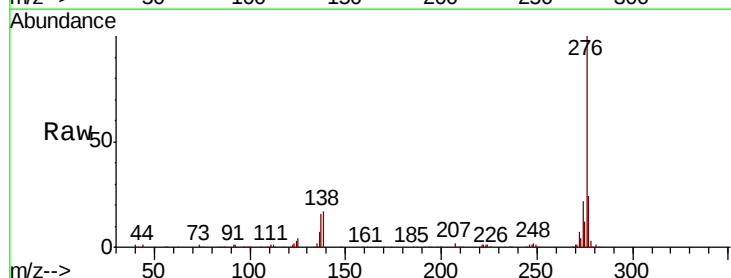


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.718 ng
RT: 30.29 min Scan# 4630
Delta R.T. 0.01 min
Lab File: BG039875.D
Acq: 12 Mar 2019 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	16.9	14.7	22.1



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

