

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
 Data File : BG039644.D
 Acq On : 27 Feb 2019 21:16
 Operator : JU/SJ
 Sample : K1348-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:32:10 PM

Quant Time: Feb 28 01:31:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57321	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	229536	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148676	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	350594	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	371664	20.00	ng	-0.02
87) Perylene-d12	25.21	264	377936	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	475775	142.06	ng	0.00
7) Phenol-d6	7.32	99	607326	123.19	ng	0.00
23) Nitrobenzene-d5	9.35	82	440811	119.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	267438	167.05	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	983397	94.89	ng	-0.02
79) Terphenyl-d14	20.12	244	1557973	88.73	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	53150	36.280	ng	# 28
3) Pyridine	4.02	79	124395	32.071	ng	96
4) n-Nitrosodimethylamine	3.93	42	78062	40.242	ng	86
6) Aniline	7.49	93	64541	10.452	ng	99
8) 2-Chlorophenol	7.73	128	169253	46.232	ng	97
9) Benzaldehyde	7.31	77	126344	58.552	ng	90
10) Phenol	7.34	94	193077	37.571	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	168537	41.504	ng	97
12) 1,3-Dichlorobenzene	8.05	146	185636	41.858	ng	96
13) 1,4-Dichlorobenzene	8.21	146	185875	42.049	ng	98
14) 1,2-Dichlorobenzene	8.52	146	180718	42.231	ng	100
15) Benzyl Alcohol	8.41	79	159479	41.205	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	317162	34.586	ng	99
17) 2-Methylphenol	8.60	107	143808	43.243	ng	99
18) Hexachloroethane	9.25	117	65552	43.104	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	137285	39.235	ng	92
20) 3+4-Methylphenols	8.93	107	195154	42.614	ng	97
22) Acetophenone	9.00	105	259087	42.021	ng	# 93
24) Nitrobenzene	9.39	77	200265	50.452	ng	98
25) Isophorone	9.90	82	379740	46.639	ng	98
26) 2-Nitrophenol	10.10	139	100407	59.786	ng	97
27) 2,4-Dimethylphenol	10.14	122	168613	51.193	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	231817	46.224	ng	98
29) 2,4-Dichlorophenol	10.63	162	182941	50.820	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	186279	46.092	ng	99
31) Naphthalene	11.04	128	541622	47.564	ng	99
32) Benzoic acid	10.23	122	28697	19.826	ng	92
33) 4-Chloroaniline	11.15	127	13623	2.580	ng	95
34) Hexachlorobutadiene	11.30	225	121188	45.090	ng	94
35) Caprolactam	11.93	113	45298m	30.409	ng	
36) 4-Chloro-3-methylphenol	12.25	107	189055	45.412	ng	98
37) 2-Methylnaphthalene	12.63	142	393038	46.602	ng	98
38) 1-Methylnaphthalene	12.85	142	379373	46.664	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	220056	46.519	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	261271	101.359	nq	99
43) 2,4,6-Trichlorophenol	13.23	196	148834	51.172	nq	97
44) 2,4,5-Trichlorophenol	13.30	196	157465	51.655	nq	96
46) 1,1'-Biphenyl	13.63	154	526870	42.592	nq	99
47) 2-Chloronaphthalene	13.67	162	408515	43.899	nq	98
48) 2-Nitroaniline	13.88	65	136499	50.532	nq	97
49) Acenaphthylene	14.52	152	656583	46.759	nq	99
50) Dimethylphthalate	14.24	163	525446	43.759	nq	100
51) 2,6-Dinitrotoluene	14.37	165	117892	51.913	nq	97
52) Acenaphthene	14.86	154	400745	43.967	nq	99
53) 3-Nitroaniline	14.70	138	14004	10.878	nq #	98
54) 2,4-Dinitrophenol	14.90	184	38507	48.335	nq	97
55) Dibenzofuran	15.19	168	637902	43.650	nq	100
56) 4-Nitrophenol	15.00	139	163257	75.544	nq #	84
57) 2,4-Dinitrotoluene	15.15	165	166641	56.344	nq #	87
58) Fluorene	15.84	166	503036	46.175	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153810	53.889	nq	98
60) Diethylphthalate	15.59	149	521587	42.012	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	264299	42.846	nq	95
62) 4-Nitroaniline	15.87	138	117876	46.918	nq	92
63) Azobenzene	16.11	77	472848	38.967	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	50315	39.417	nq	99
66) n-Nitrosodiphenylamine	16.04	169	461246	43.267	nq	99
67) 4-Bromophenyl-phenylether	16.72	248	175685	45.170	nq	97
68) Hexachlorobenzene	16.83	284	179033	45.879	nq	96
69) Atrazine	16.98	200	167631	43.029	nq	98
70) Pentachlorophenol	17.18	266	167865	61.893	nq	98
71) Phenanthrene	17.58	178	842436	46.426	nq	99
72) Anthracene	17.67	178	843250	47.179	nq	98
73) Carbazole	17.94	167	760121	42.614	nq	99
74) Di-n-butylphthalate	18.47	149	913659	43.905	nq	99
75) Fluoranthene	19.58	202	1035322	49.157	nq	100
77) Benzidine	19.76	184	38483	3.158	nq	97
78) Pyrene	19.94	202	1039948	44.947	nq	98
80) Butylbenzylphthalate	20.81	149	449320	46.036	nq	94
81) Benzo(a)anthracene	21.80	228	1041085	47.405	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	75407	9.260	nq	99
83) Chrysene	21.88	228	968382	46.321	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	621843	44.659	nq	99
85) Di-n-octyl phthalate	22.93	149	1050677	45.674	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1158518	51.650	nq	97
88) Benzo(b)fluoranthene	24.12	252	1004049	48.714	nq	97
89) Benzo(k)fluoranthene	24.20	252	989973	47.841	nq	99
90) Benzo(a)pyrene	25.05	252	986629	49.704	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	937943	50.456	nq	99
92) Benzo(g,h,i)perylene	30.32	276	952405	51.402	nq	96

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



#1

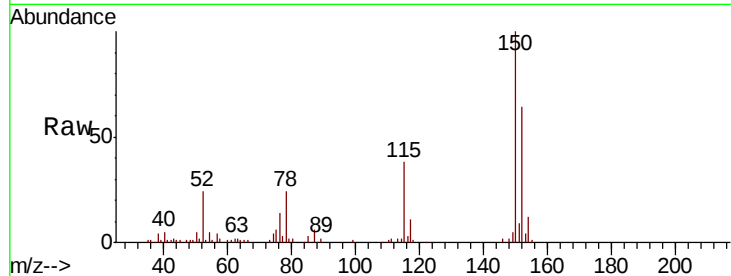
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.7	185.5
115	59.6	45.9	68.9

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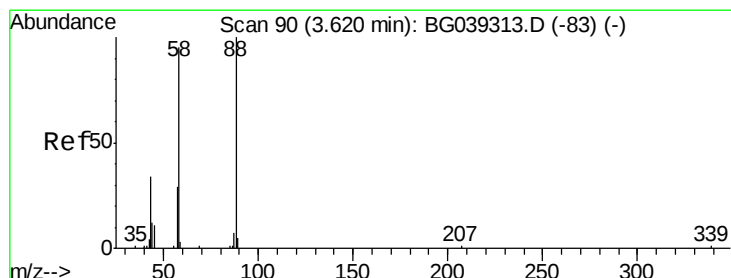
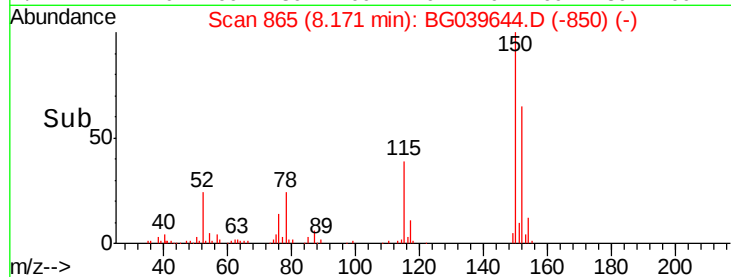
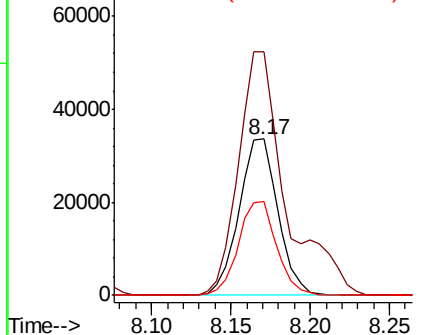


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

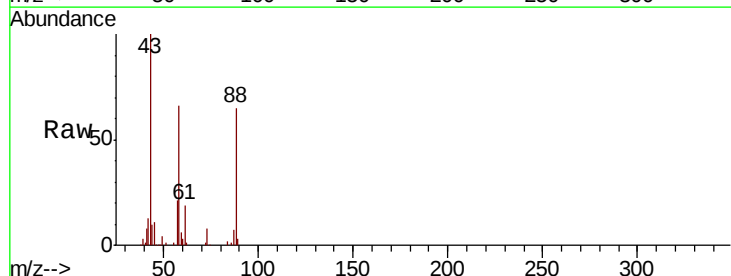
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.280 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.4	81.1	121.7
43	191.0	31.4	47.0#

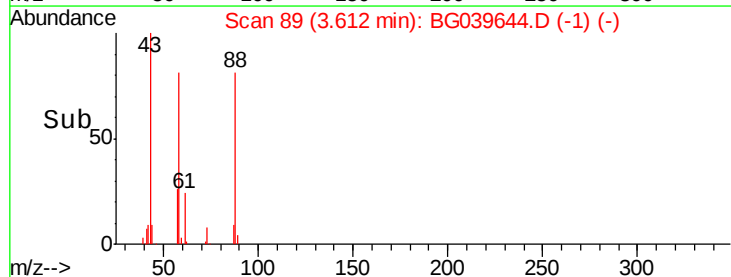
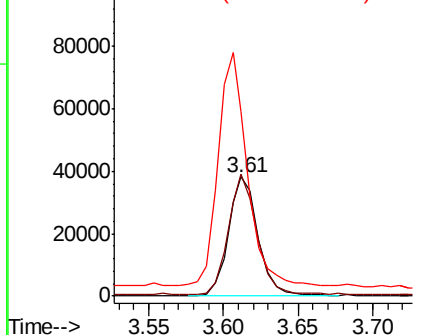


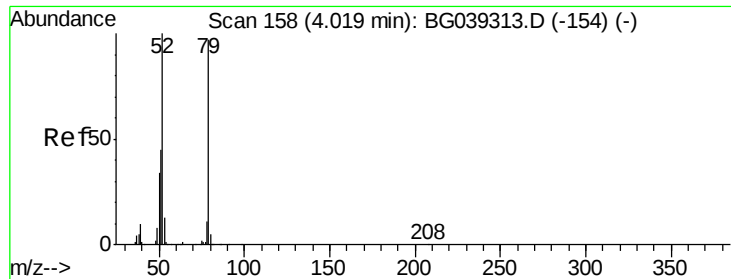
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.071 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

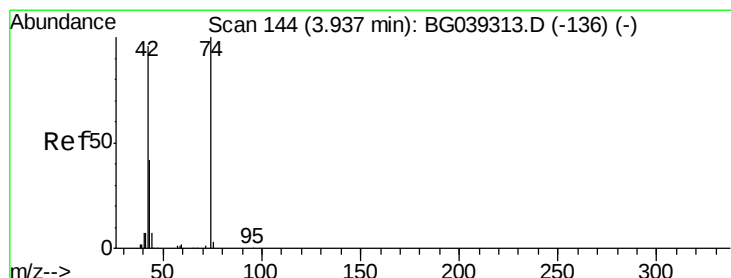
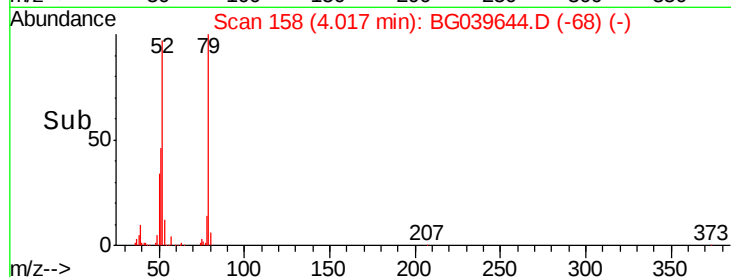
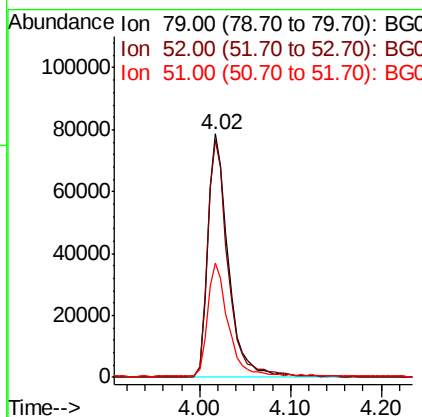
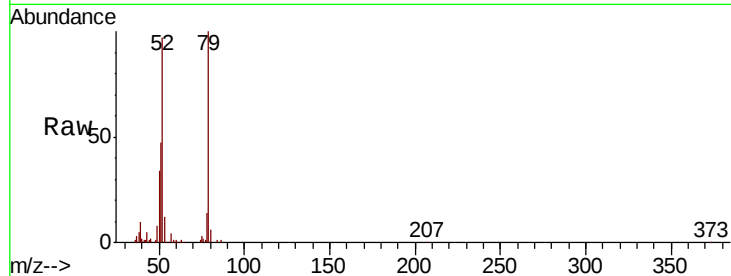
ClientSampleId :

OK-02-022519MSD

Tot Ion:	79	Resp:	124395
Ion Ratio	Lower	Upper	
79	100		
52	97.5	82.6	124.0
51	47.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 40.242 ng

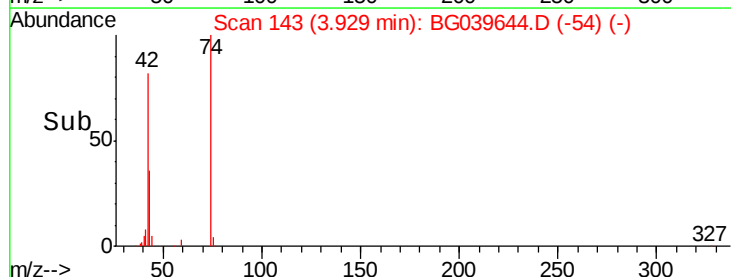
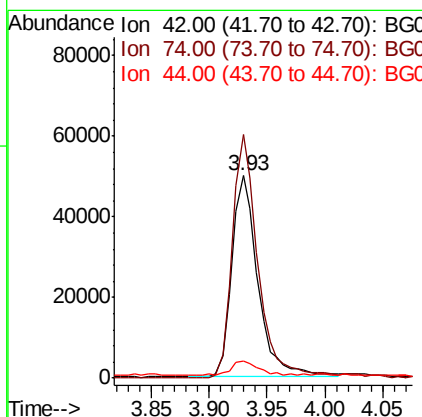
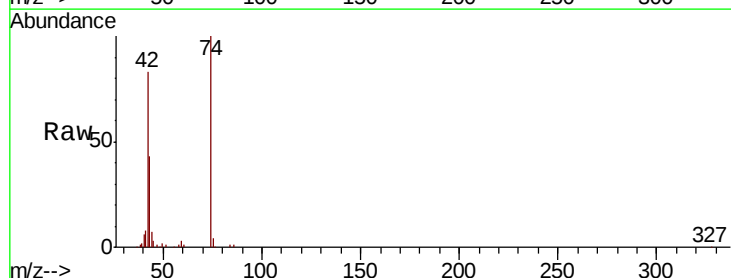
RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	42	Resp:	78062
Ion Ratio	Lower	Upper	
42	100		
74	120.4	83.6	125.4
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 142.058 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

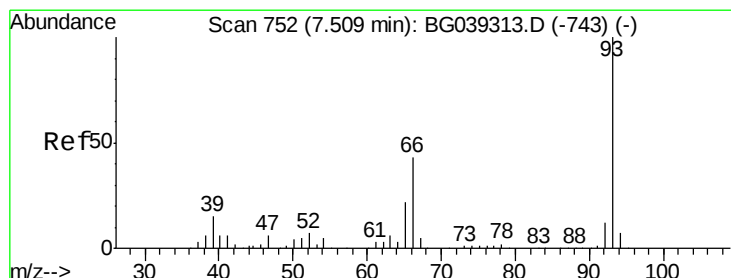
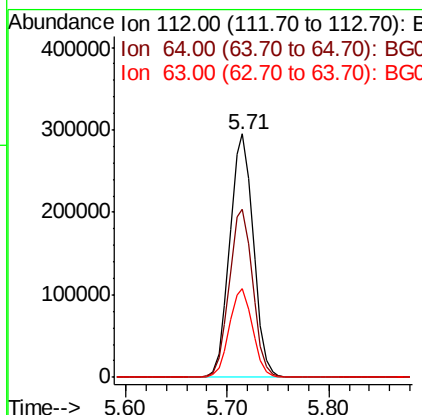
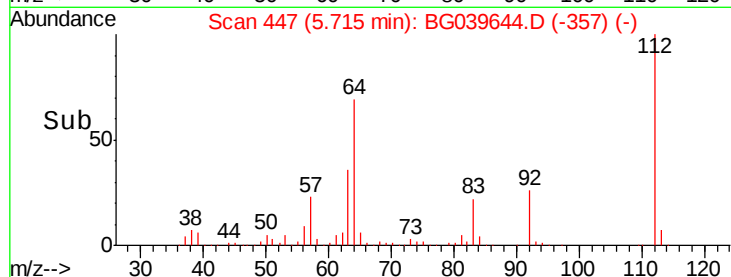
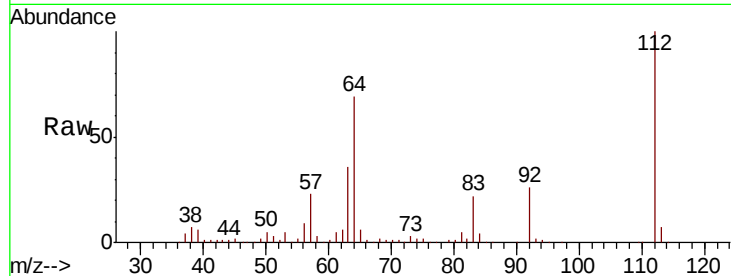
ClientSampleId :

OK-02-022519MSD

Tot Ion:	112	Resp:	475775
Ion Ratio	Lower	Upper	
112	100		
64	69.2	57.8	86.8
63	36.5	29.8	44.6

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#6

Aniline

Concen: 10.452 ng

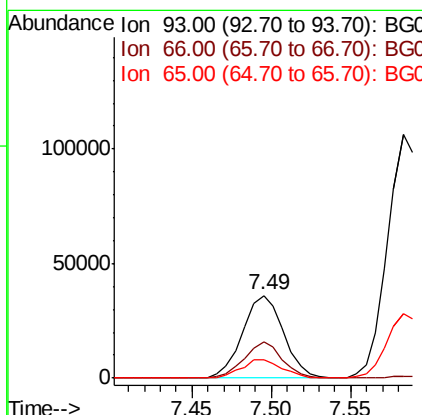
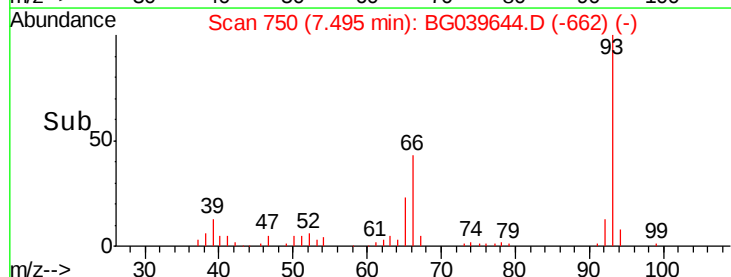
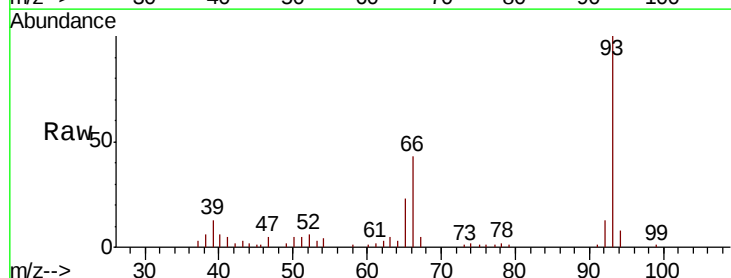
RT: 7.49 min Scan# 750

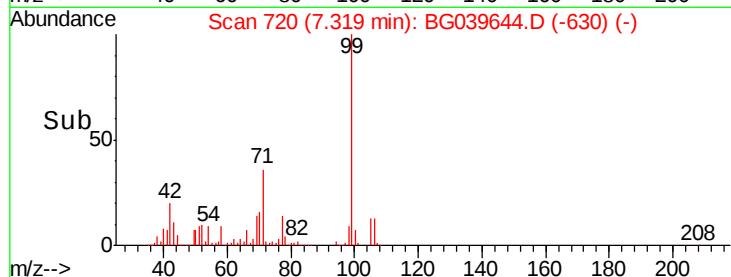
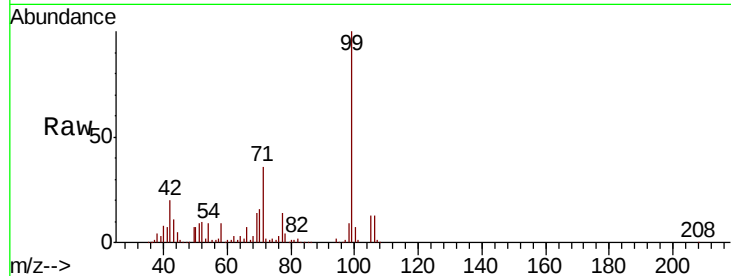
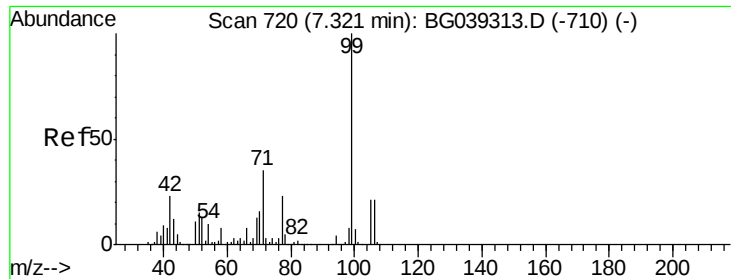
Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	93	Resp:	64541
Ion Ratio	Lower	Upper	
93	100		
66	43.4	34.2	51.4
65	22.7	17.7	26.5





#7

Phenol-d6

Concen: 123.193 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		607326		
42	20.2	18.2	27.2		
71	36.4	28.0	42.0		

Instrument :

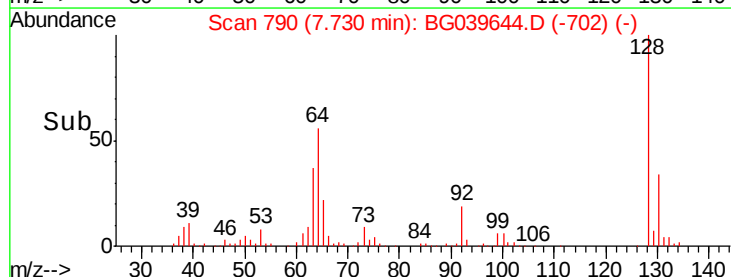
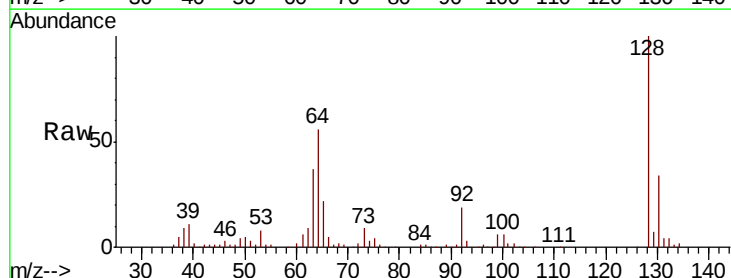
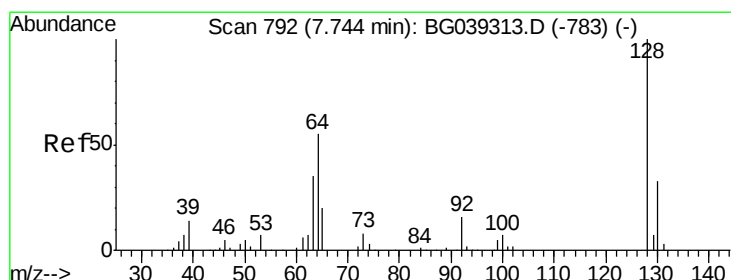
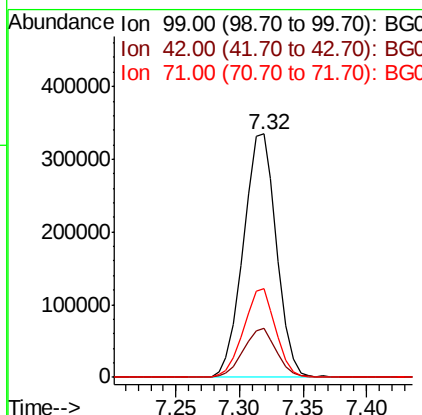
BNA_G

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#8

2-Chlorophenol

Concen: 46.232 ng

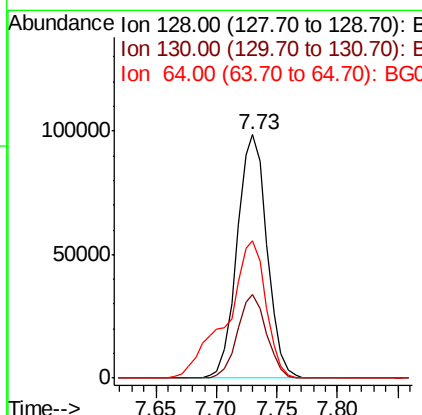
RT: 7.73 min Scan# 790

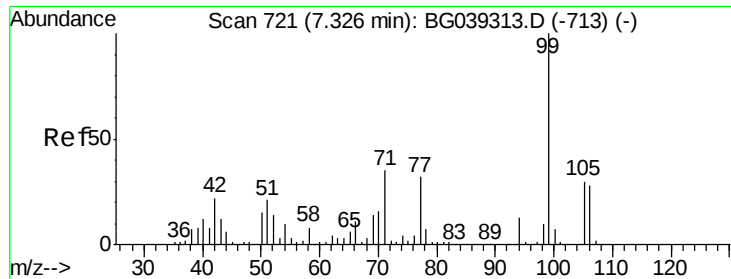
Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		169253		
130	34.2	12.9	52.9		
64	56.3	38.7	78.7		





#9

Benzaldehyde

Concen: 58.552 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

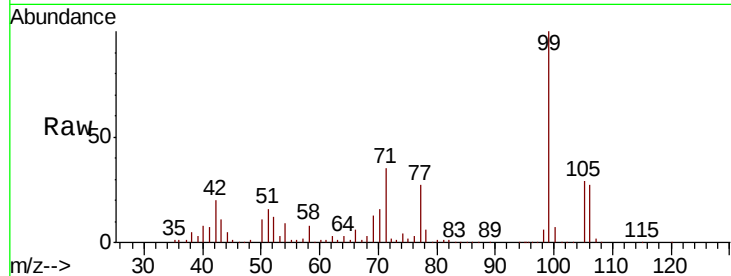
ClientSampleId :

OK-02-022519MSD

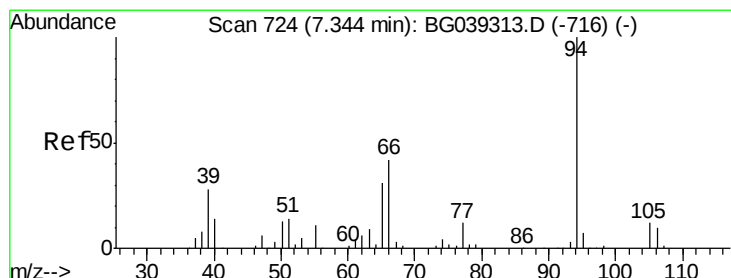
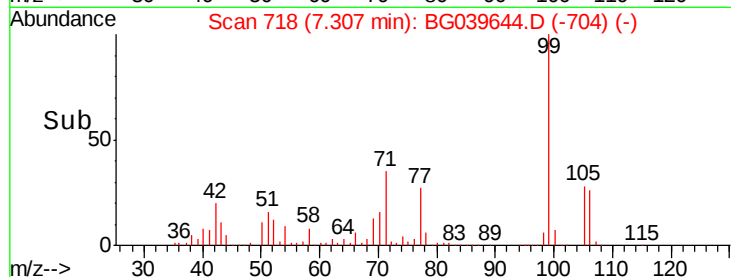
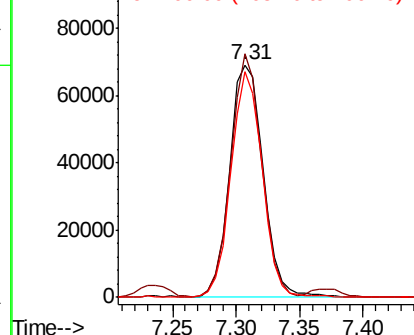
Tot Ion:	77	Resp:	126344
Ion Ratio	Lower	Upper	
77	100		
105	104.7	74.5	114.5
106	96.8	68.0	108.0

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.571 ng

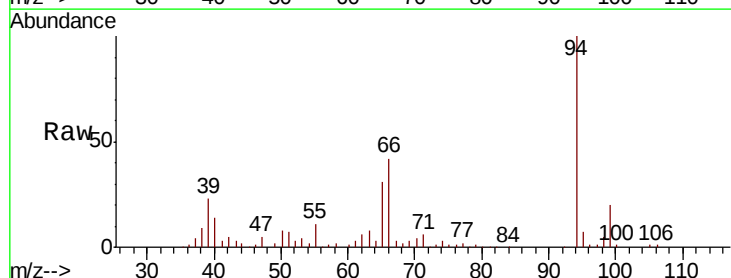
RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

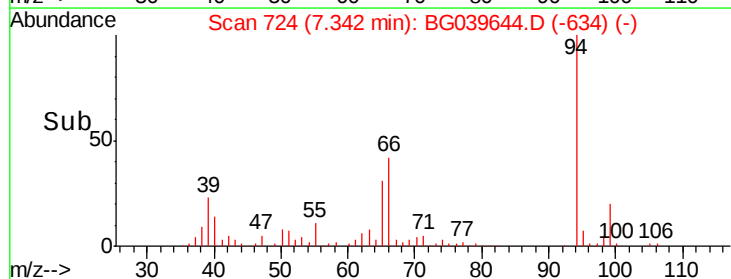
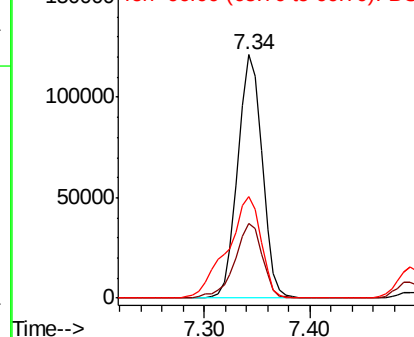
Lab File: BG039644.D

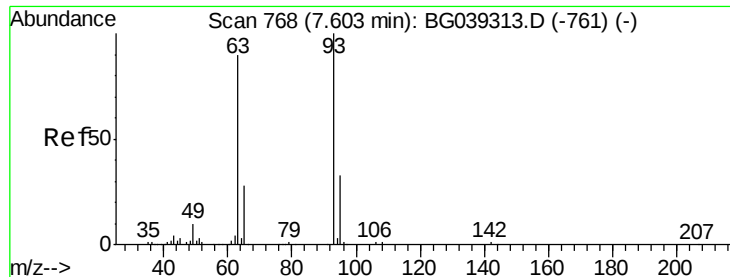
Acq: 27 Feb 2019 21:16

Tgt Ion:	94	Resp:	193077
Ion Ratio	Lower	Upper	
94	100		
65	30.9	11.7	51.7
66	41.6	23.7	63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





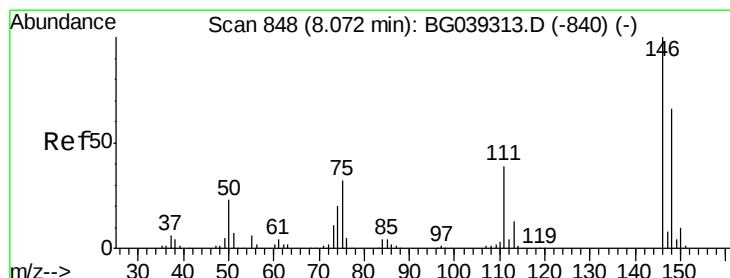
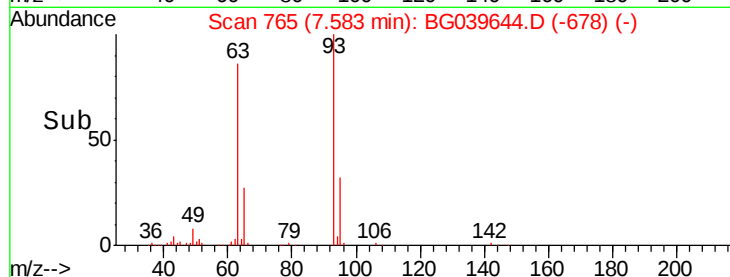
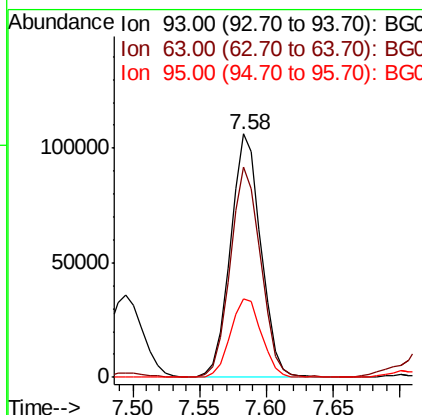
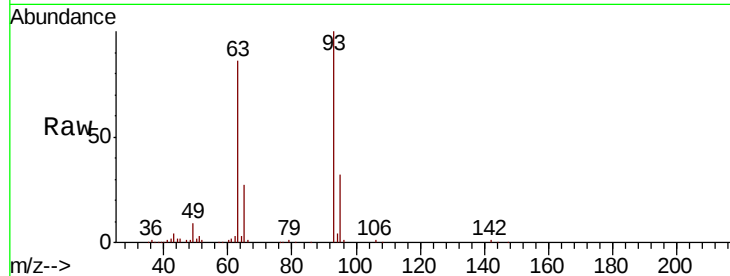
#11
bis(2-Chloroethyl)ether
Concen: 41.504 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.2	69.5	109.5
95	32.4	12.7	52.7

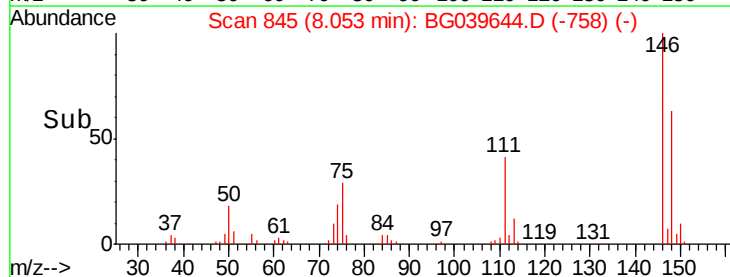
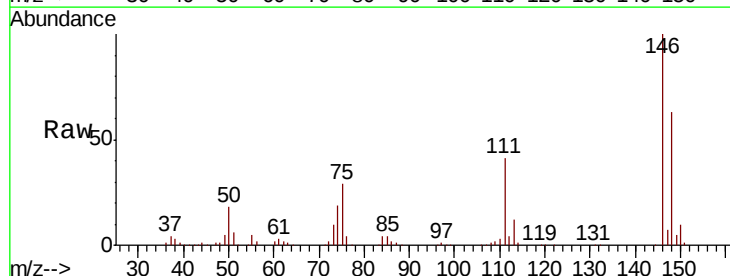
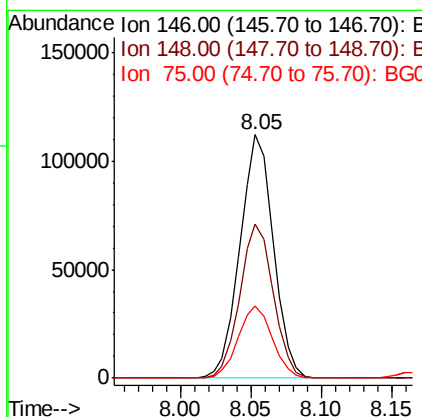
Manual Integrations
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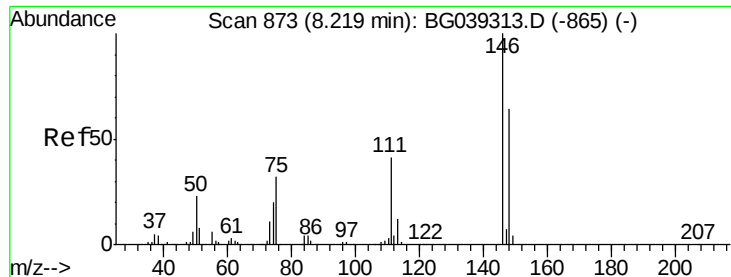
Sohil
2/28/2019 1:32:10 PM



#12
1,3-Dichlorobenzene
Concen: 41.858 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.6	79.0
75	29.5	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 42.049 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

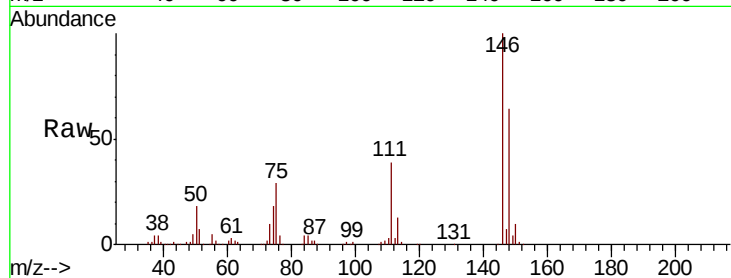
ClientSampleId :

OK-02-022519MSD

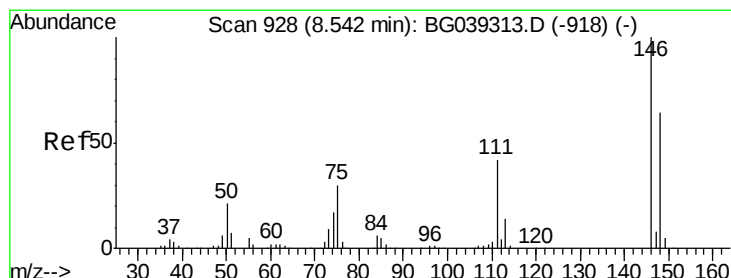
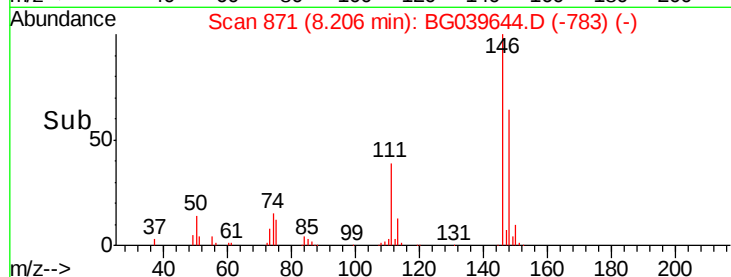
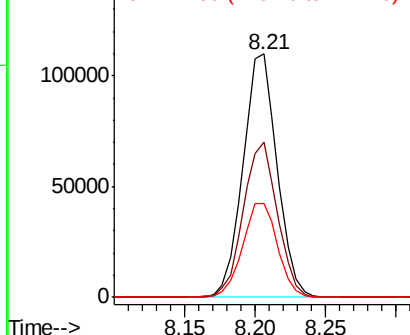
Tot Ion:	146	Resp:	185875
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
111	38.6	32.6	48.8

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Abundance Ion 146.00 (145.70 to 146.70): E
150000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.231 ng

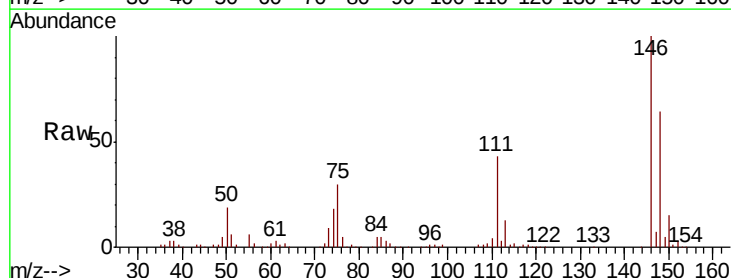
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

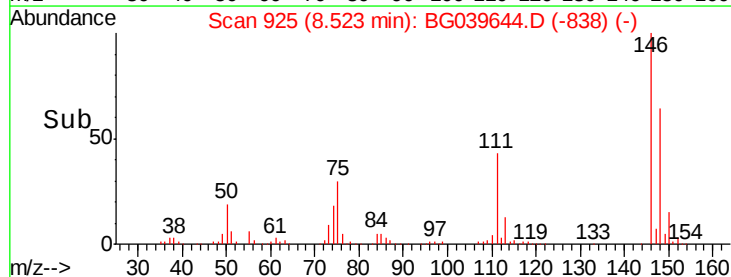
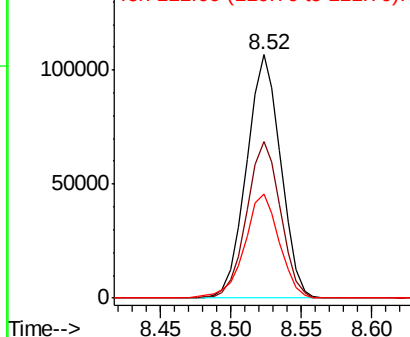
Lab File: BG039644.D

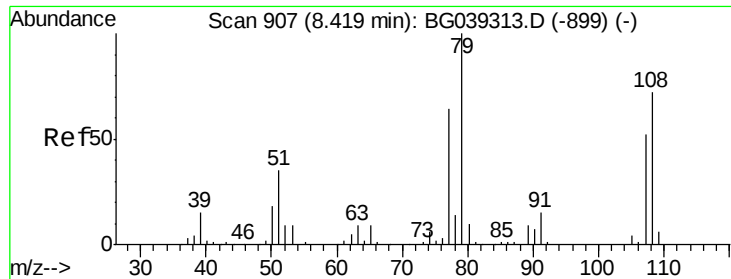
Acq: 27 Feb 2019 21:16

Tgt Ion:	146	Resp:	180718
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.5	77.3
111	42.9	33.8	50.6



Abundance Ion 146.00 (145.70 to 146.70): E
100000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.205 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

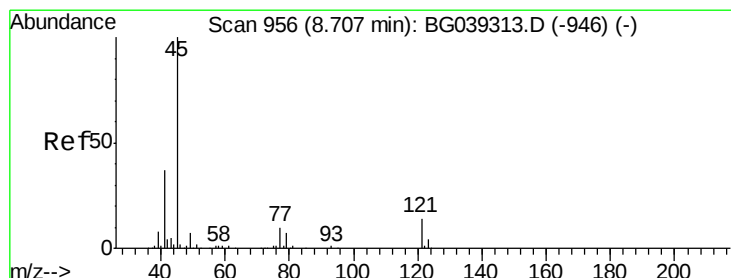
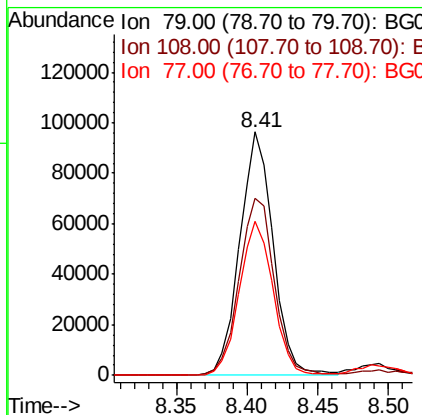
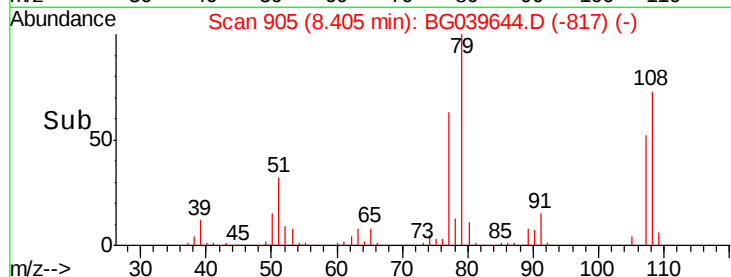
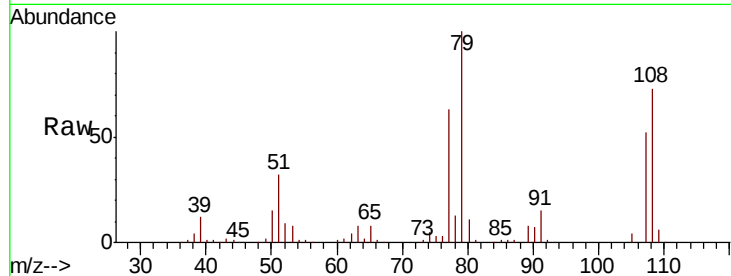
ClientSampleId :

OK-02-022519MSD

Tot Ion:	79	Resp:	159479
Ion Ratio	Lower	Upper	
79	100		
108	72.6	57.8	86.6
77	63.2	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.586 ng

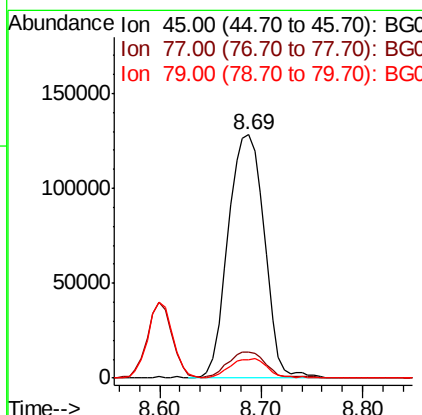
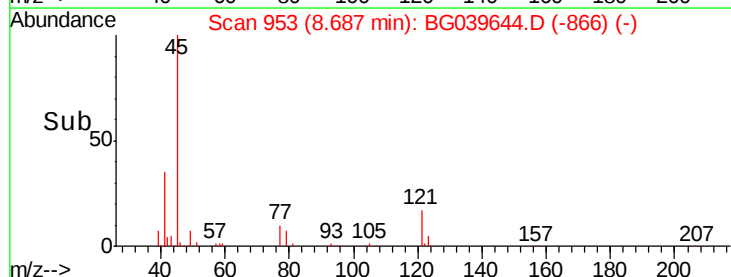
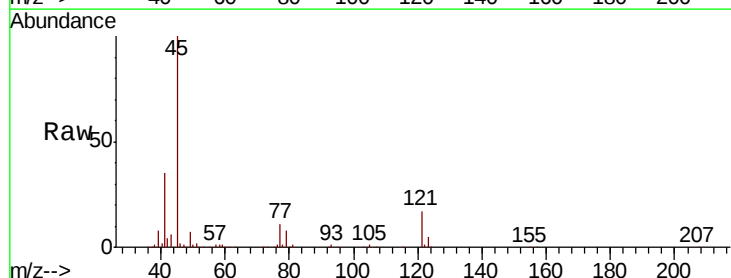
RT: 8.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	45	Resp:	317162
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.0
79	7.6	0.0	27.5





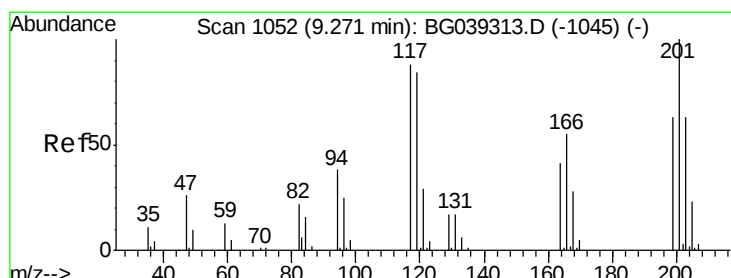
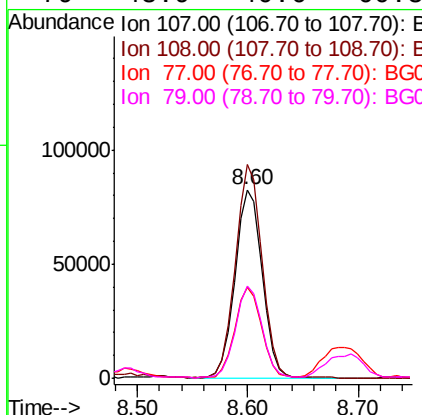
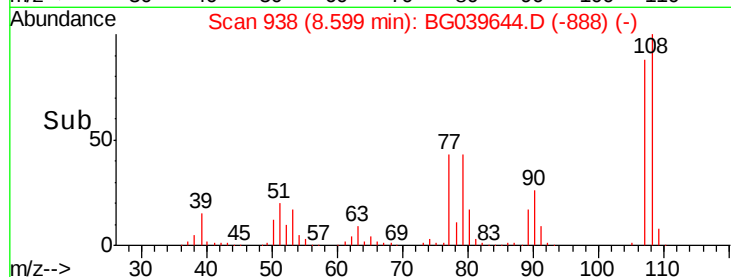
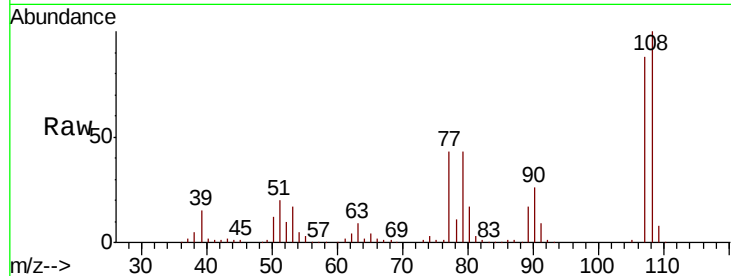
#17
2-Methylphenol
Concen: 43.243 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	90.8	136.2	
77	48.3	40.7	61.1	
79	48.9	40.6	60.8	

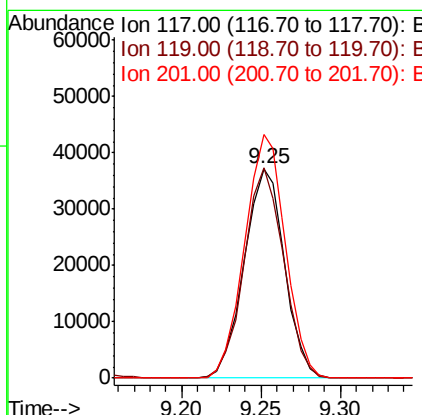
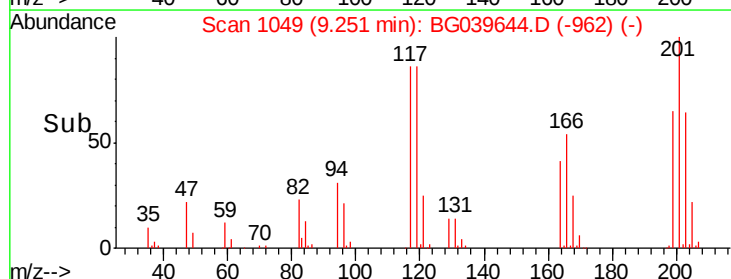
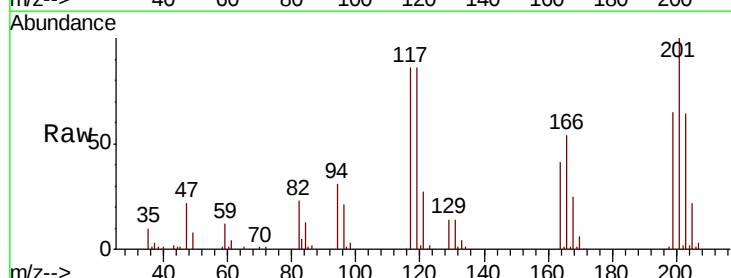
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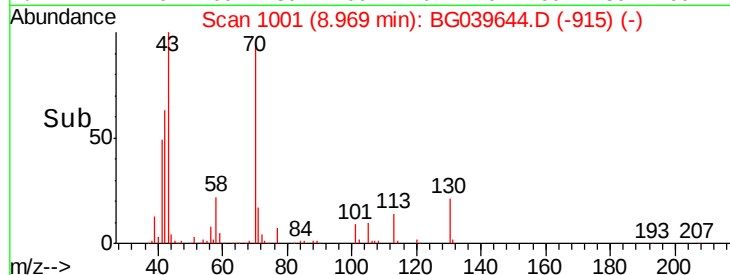
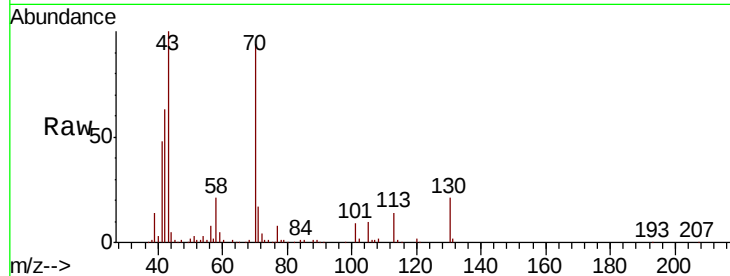
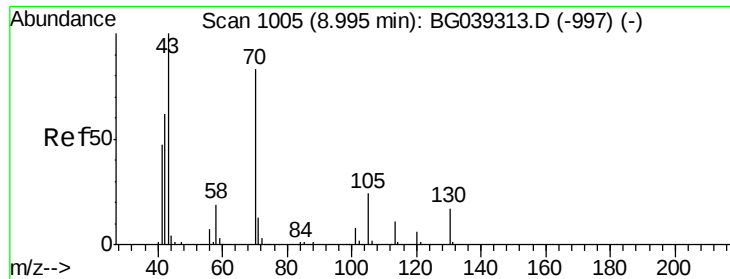
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#18
Hexachloroethane
Concen: 43.104 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.2	76.3	114.5	
201	116.4	91.1	136.7	





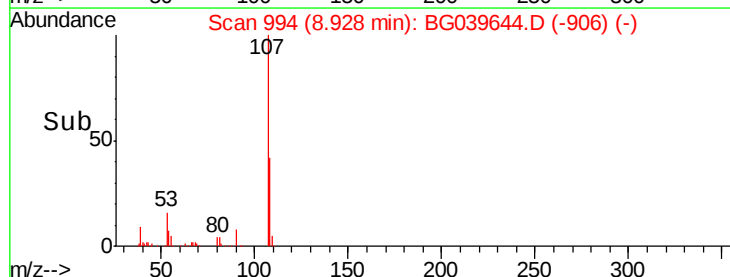
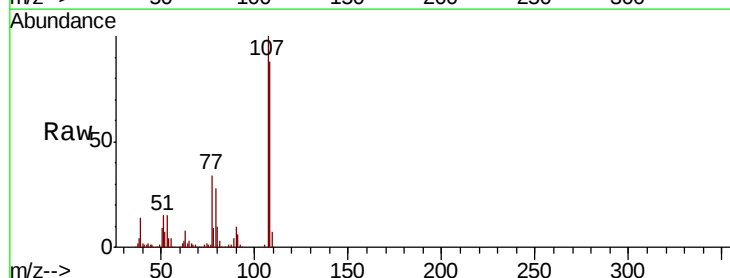
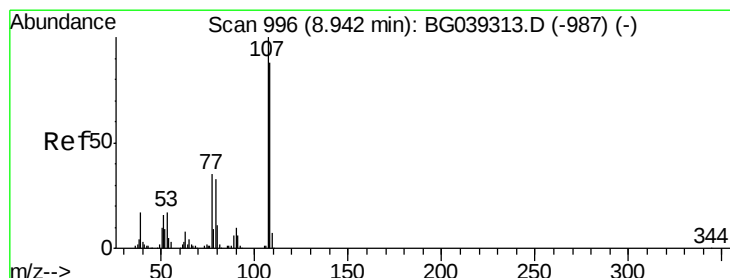
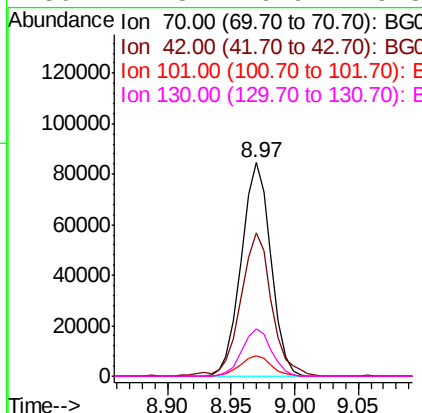
#19
n-Nitroso-di-n-propylamine
Concen: 39.235 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.1	60.4	90.6	
101	9.6	7.5	11.3	
130	22.3	16.9	25.3	

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

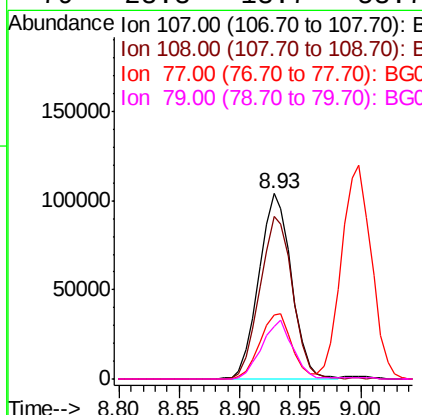
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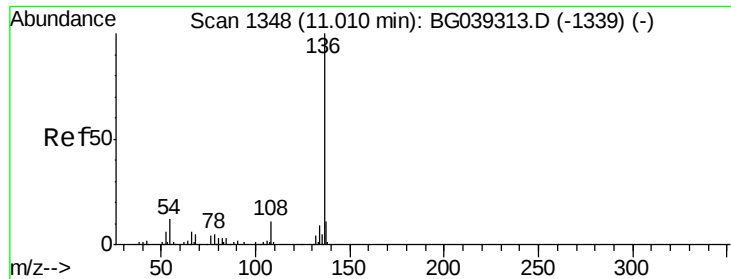
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#20
3+4-Methylphenols
Concen: 42.614 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	67.9	107.9	
77	34.4	15.4	55.4	
79	28.3	13.7	53.7	





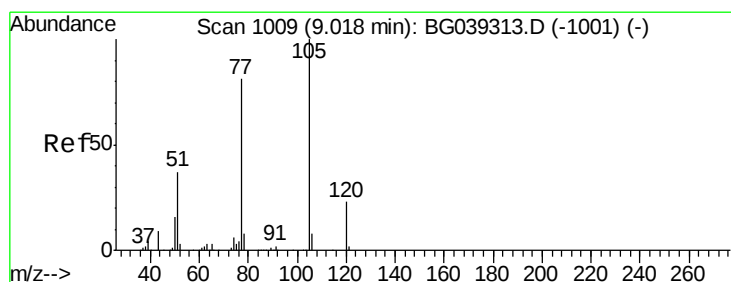
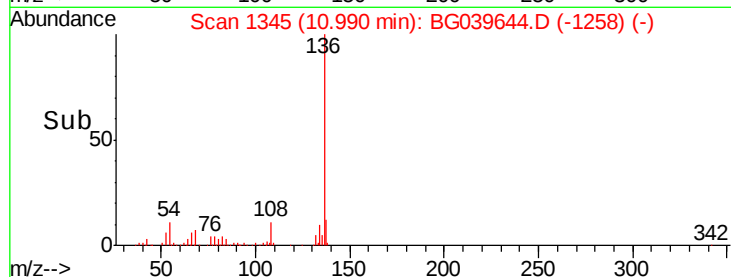
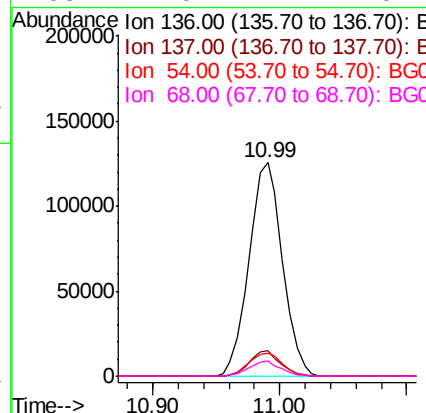
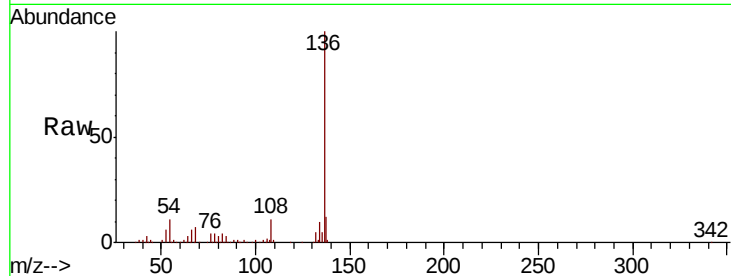
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	229536		
137	11.8	9.1	13.7	
54	10.6	9.4	14.2	
68	7.0	4.2	6.4	

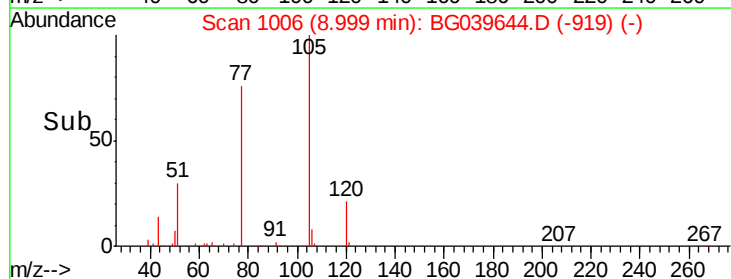
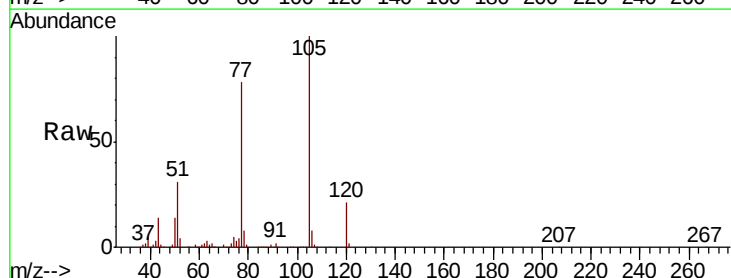
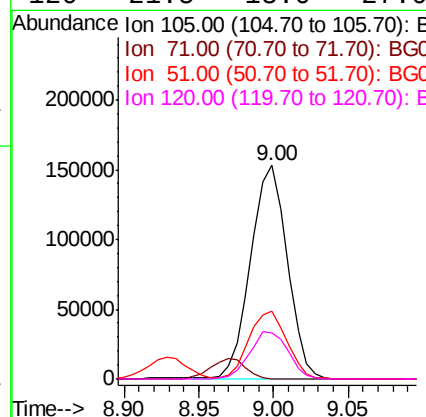
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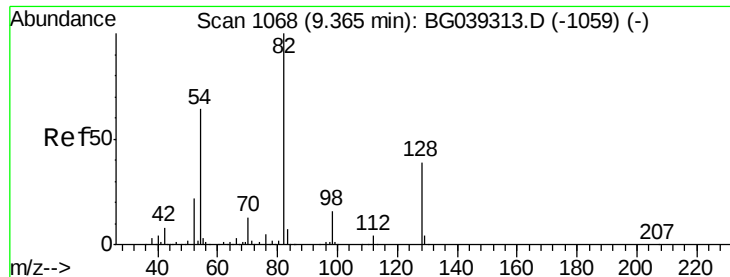
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#22
Acetophenone
Concen: 42.021 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259087		
71	0.2	0.8	1.2	
51	31.5	30.2	45.2	
120	21.5	18.0	27.0	





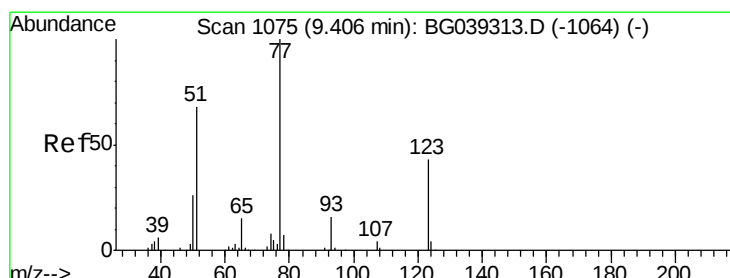
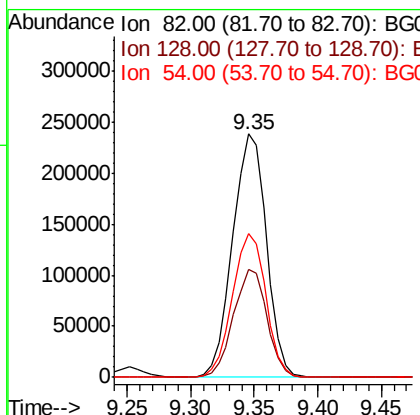
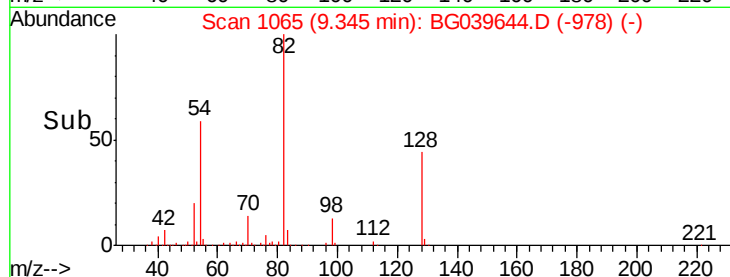
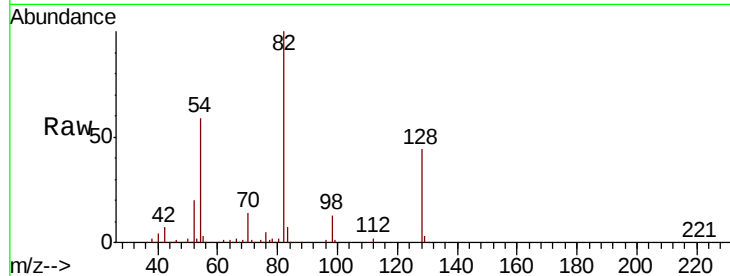
#23
Nitrobenzene-d5
Concen: 119.973 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.3	46.9
54	58.9	50.9	76.3

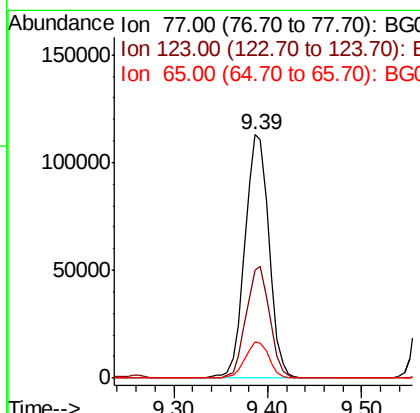
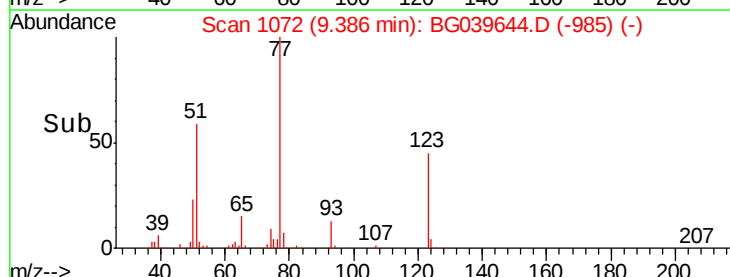
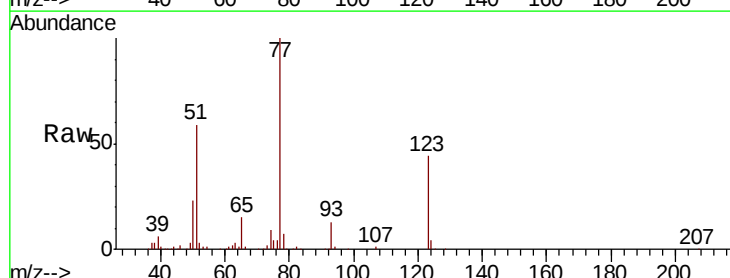
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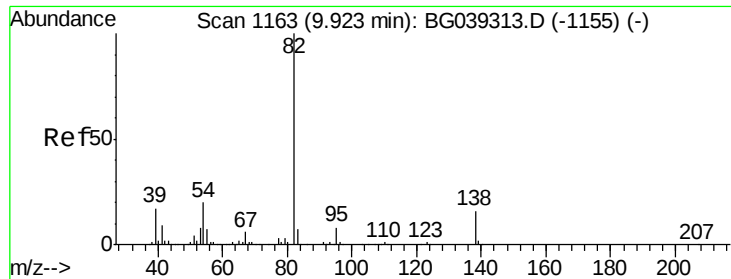
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#24
Nitrobenzene
Concen: 50.452 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	34.1	51.1
65	15.1	12.3	18.5





#25

Isophorone

Concen: 46.639 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

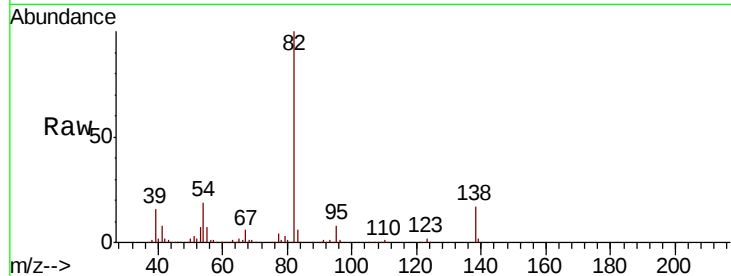
ClientSampleId :

OK-02-022519MSD

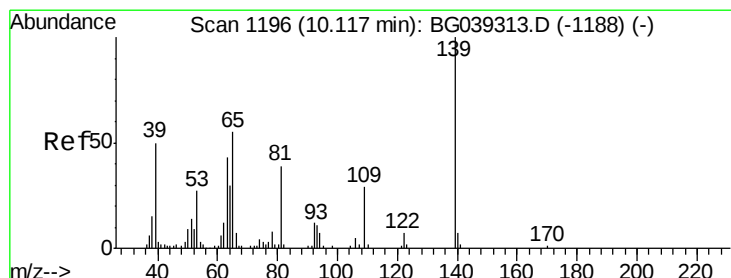
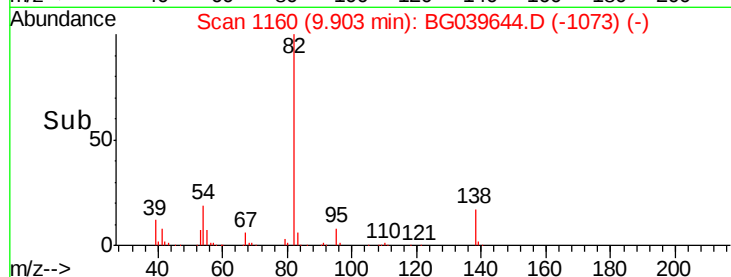
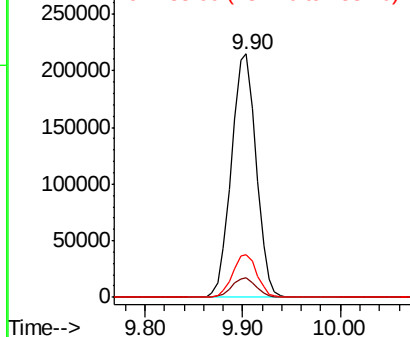
Tot Ion:	82	Resp:	379740
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	17.4	13.0	19.4

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



#26

2-Nitrophenol

Concen: 59.786 ng

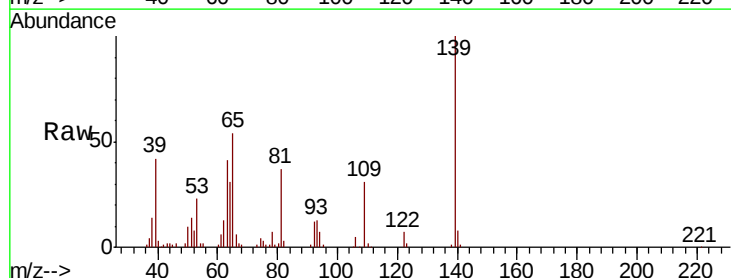
RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

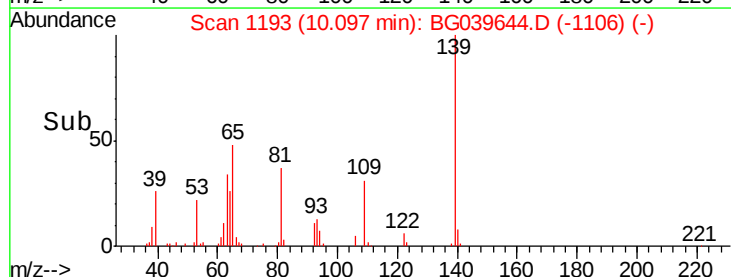
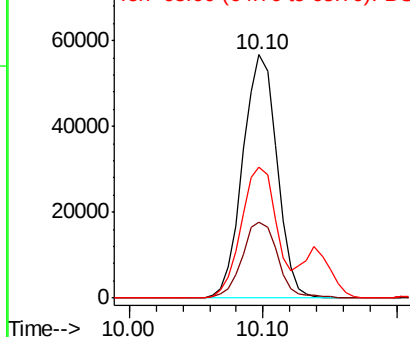
Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	139	Resp:	100407
Ion Ratio	Lower	Upper	
139	100		
109	31.3	23.4	35.0
65	53.8	44.3	66.5



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





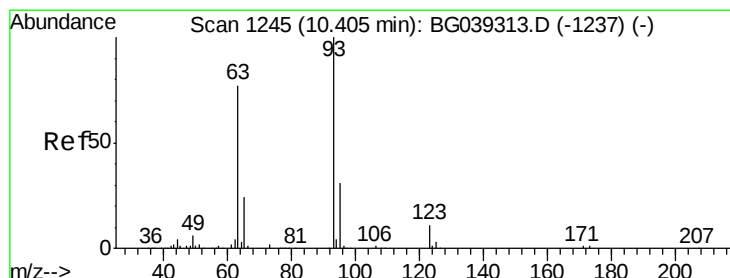
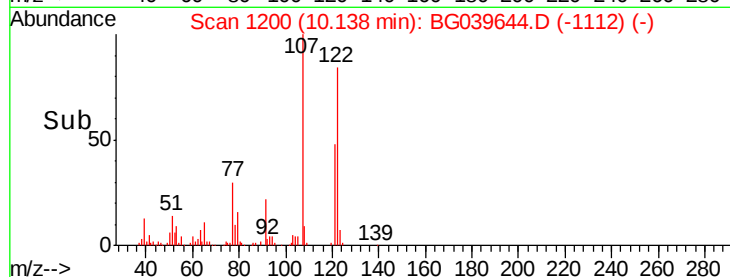
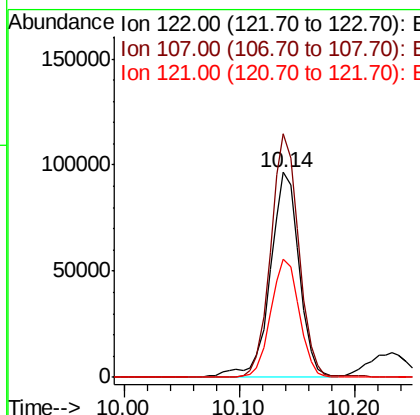
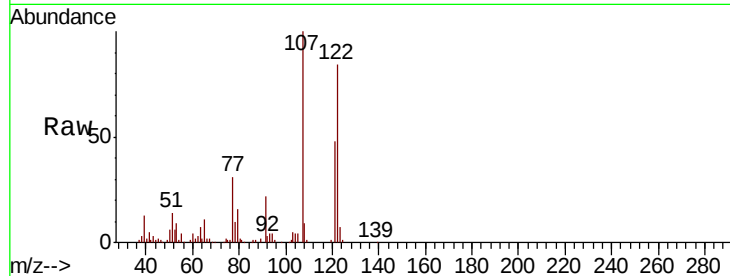
#27
2,4-Dimethylphenol
Concen: 51.193 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	168613		
107	119.0	91.7	137.5	
121	57.6	46.4	69.6	

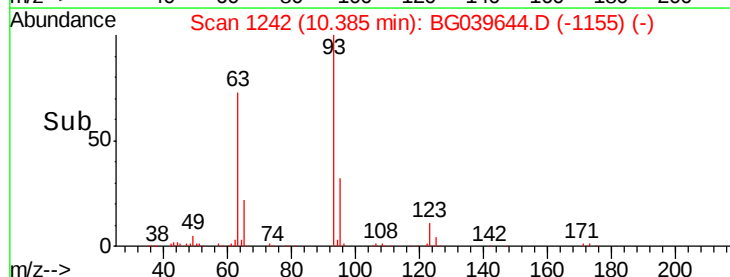
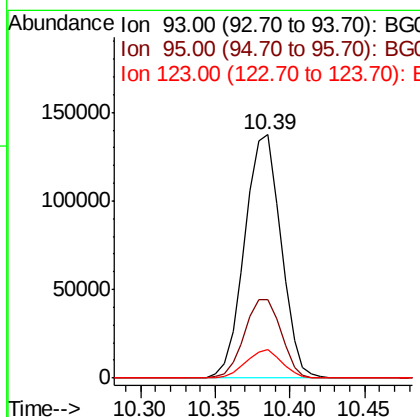
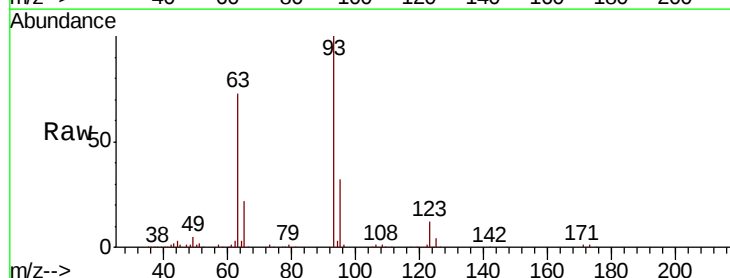
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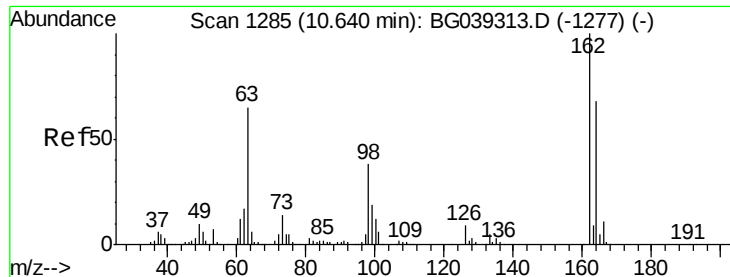
Sohil
2/28/2019 1:32:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.224 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	231817		
95	32.4	25.0	37.4	
123	11.5	8.6	12.8	





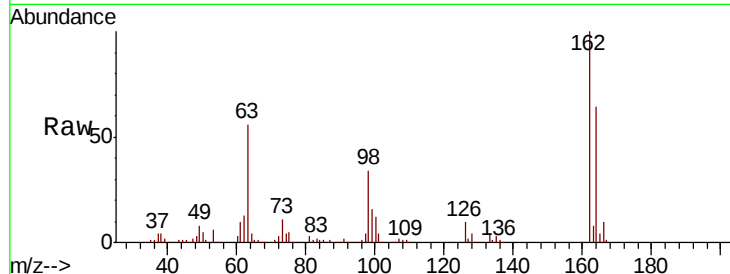
#29
2,4-Dichlorophenol
Concen: 50.820 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	182941		
164	64.1	48.1	88.1	
98	33.6	18.1	58.1	

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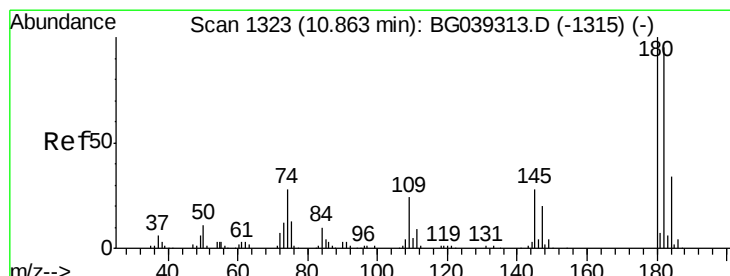
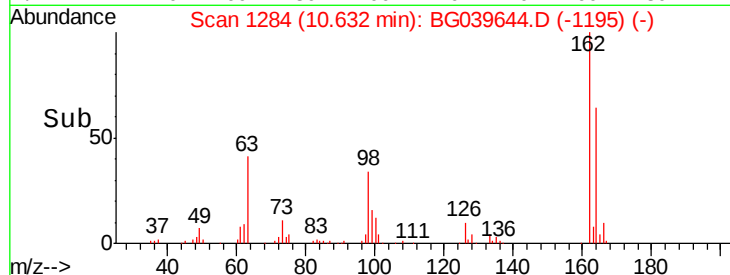
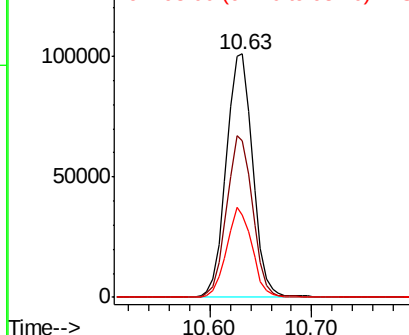


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 46.092 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

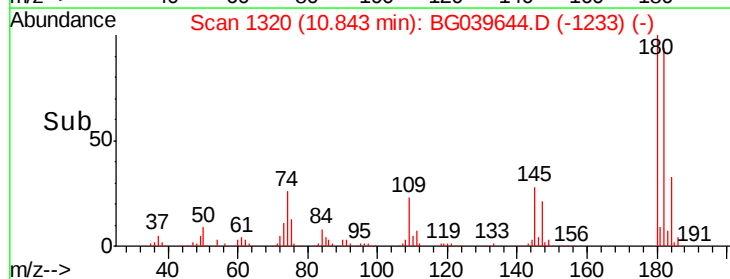
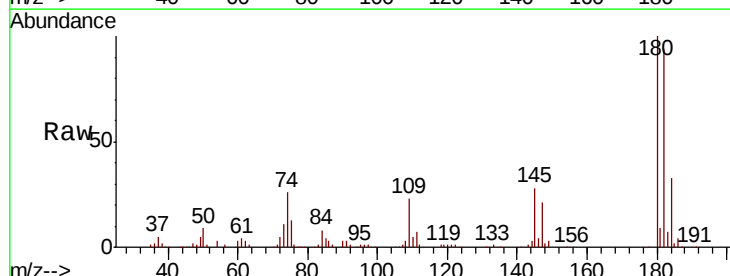
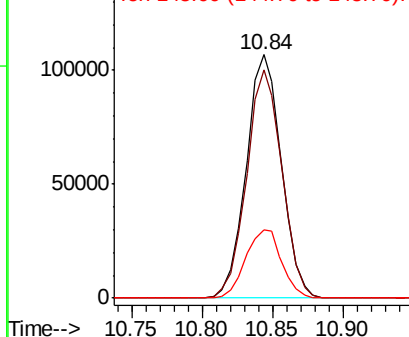
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186279		
182	94.0	76.0	114.0	
145	28.2	22.7	34.1	

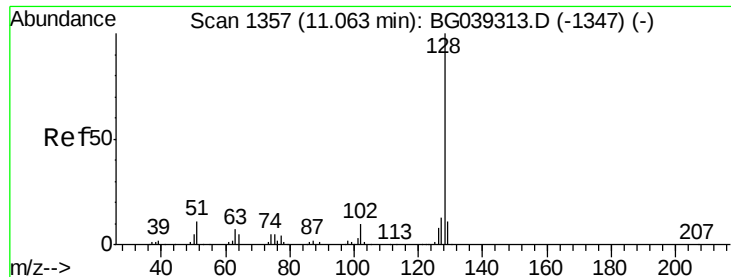
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





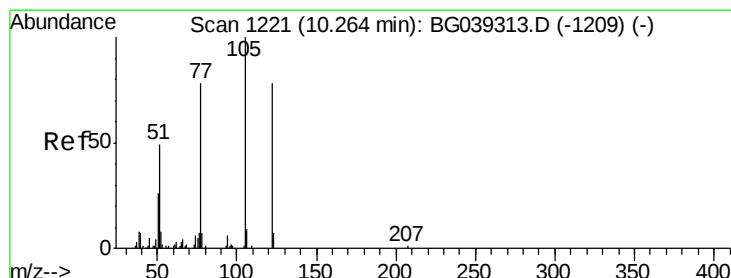
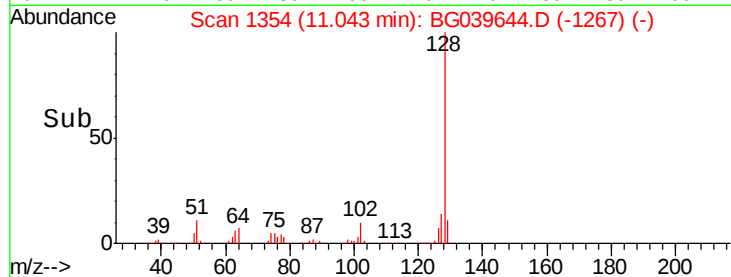
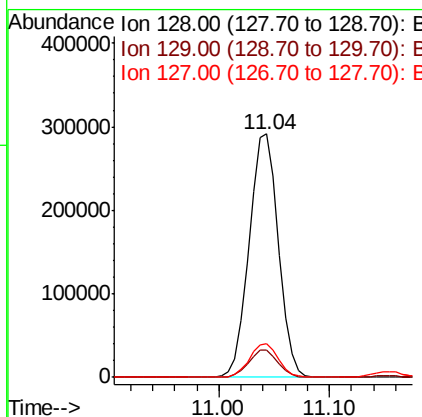
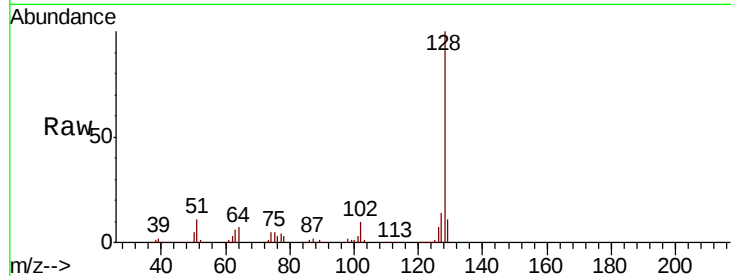
#31
Naphthalene
Concen: 47.564 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	541622		
129	11.5	8.7	13.1	
127	13.7	10.8	16.2	

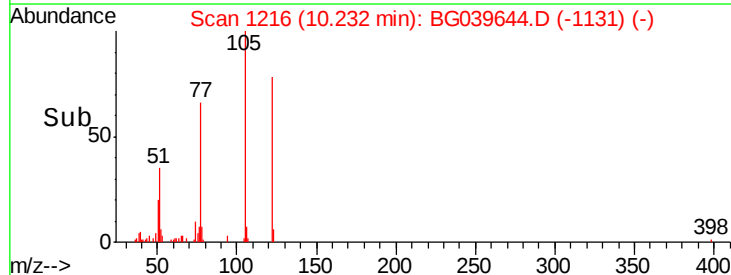
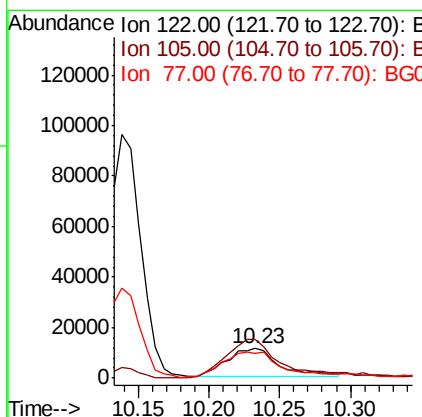
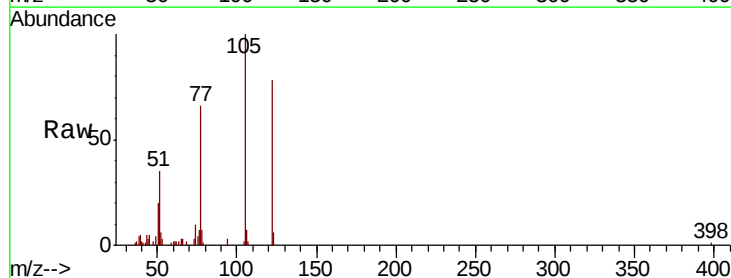
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#32
Benzoic acid
Concen: 19.826 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	28697		
105	128.8	101.8	141.8	
77	85.6	76.3	116.3	





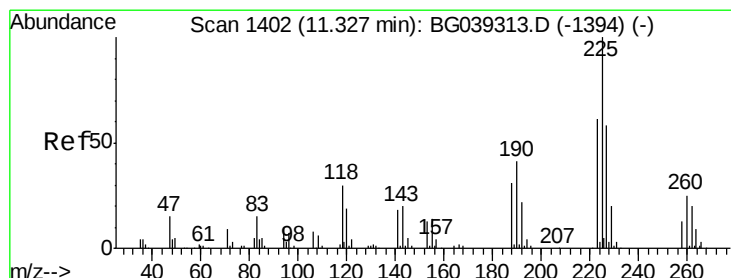
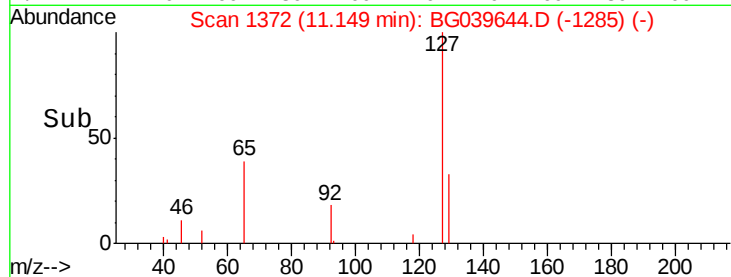
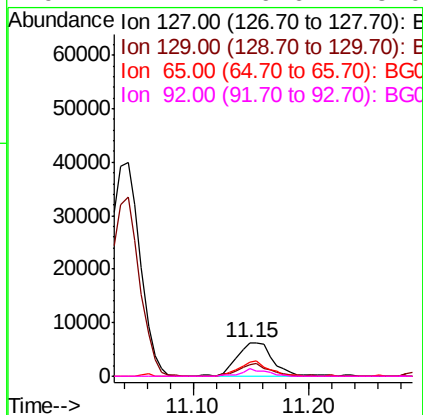
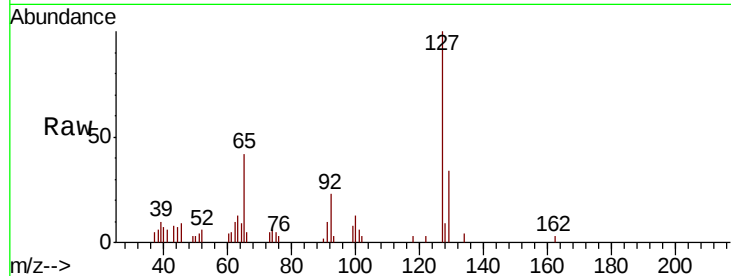
#33
4-Chloroaniline
Concen: 2.580 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	27.0	40.4		
65	41.7	28.8	43.2		
92	22.7	16.6	25.0		

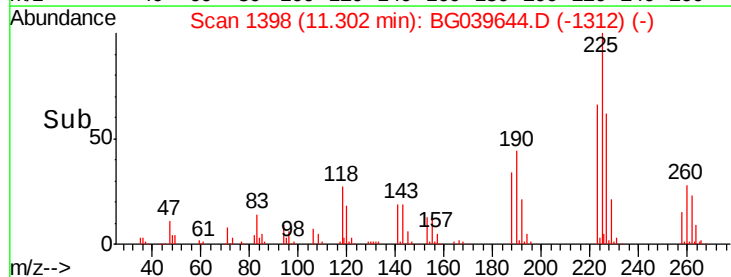
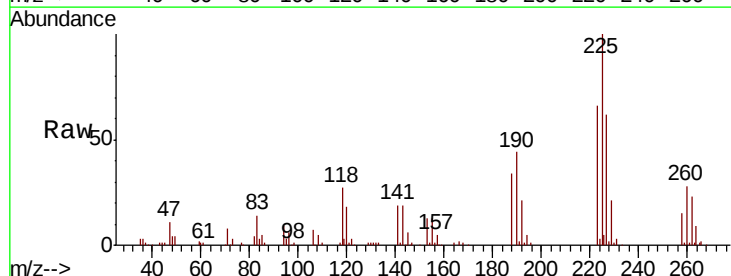
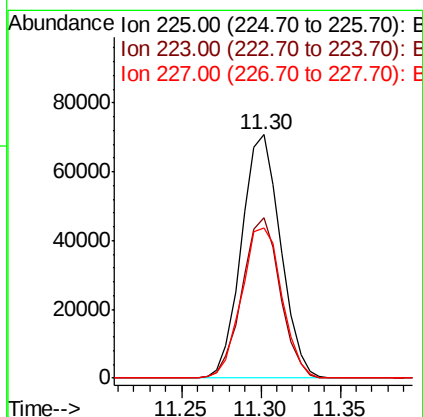
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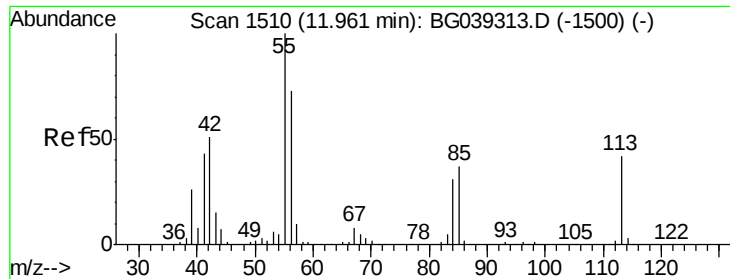
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#34
Hexachlorobutadiene
Concen: 45.090 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.0	49.0	73.6		
227	61.6	46.3	69.5		





#35

Caprolactam

Concen: 30.409 ng/mL

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleID :

OK-02-022519MSD

Tot Ion:113 Resp: 45298

Ion Ratio Lower Upper

113 100

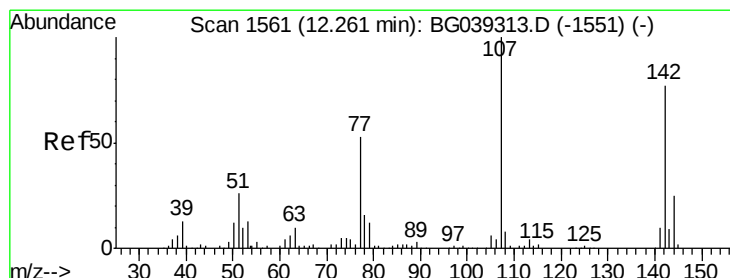
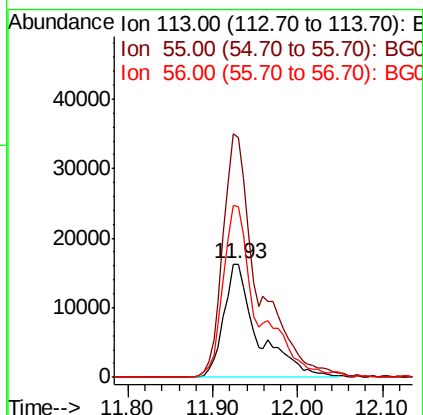
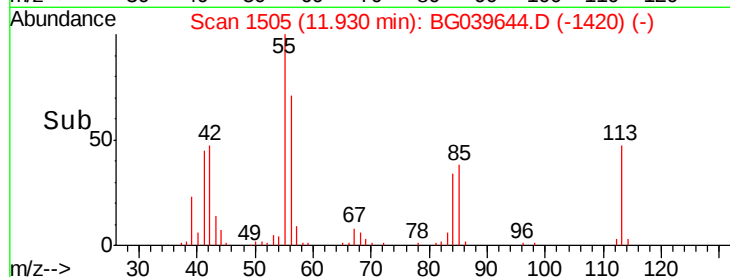
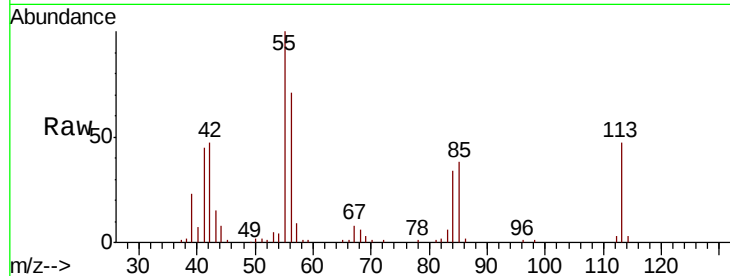
55 210.8 216.9 256.9#

56 150.7 152.6 192.6#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 45.412 ng/mL

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

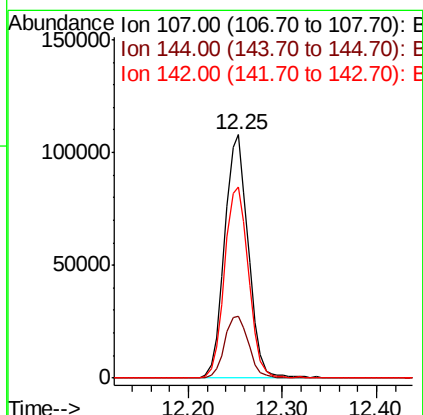
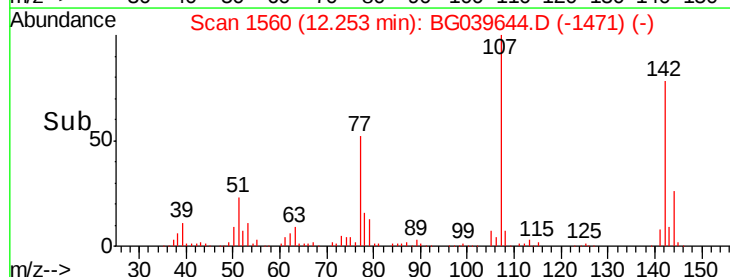
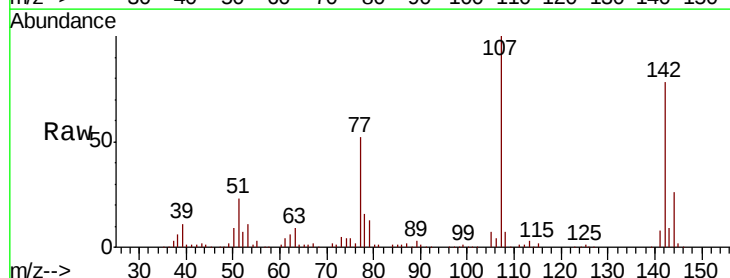
Tgt Ion:107 Resp: 189055

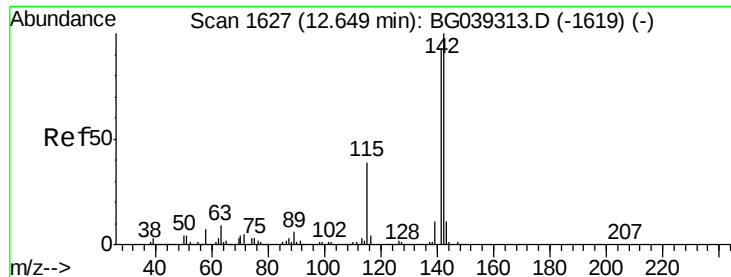
Ion Ratio Lower Upper

107 100

144 25.6 20.2 30.2

142 78.4 61.4 92.2





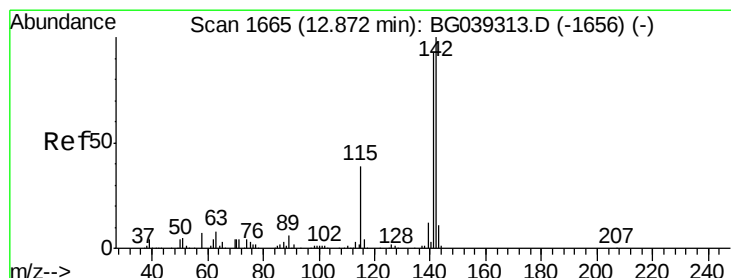
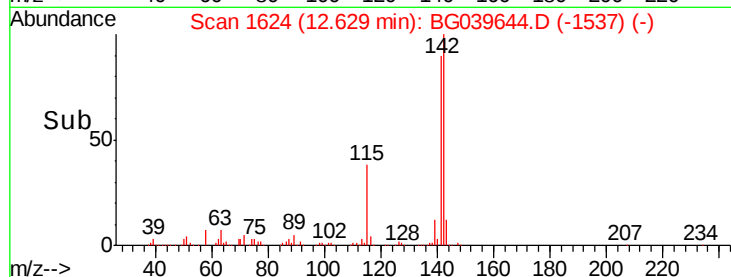
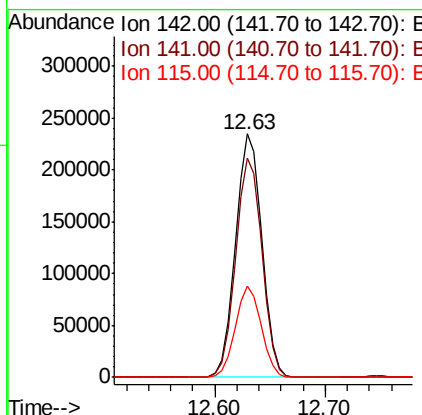
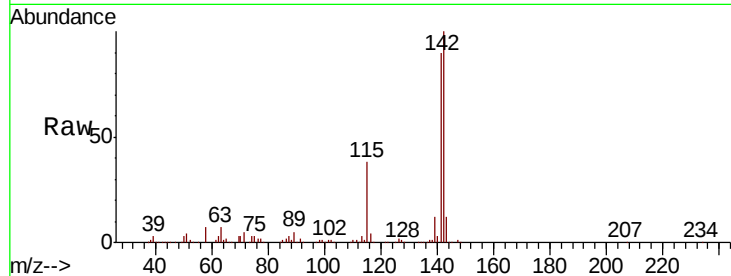
#37
2-Methylnaphthalene
Concen: 46.602 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.5	110.3
115	37.6	30.8	46.2

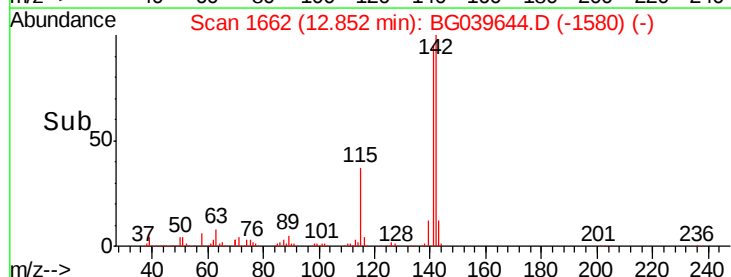
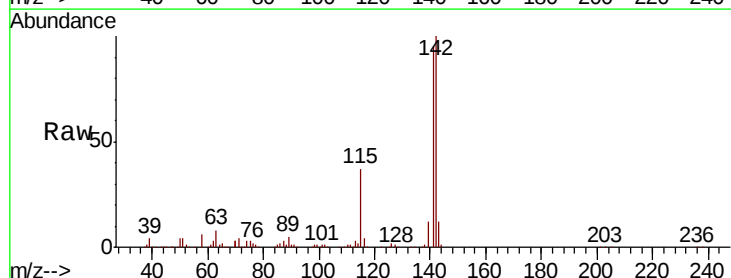
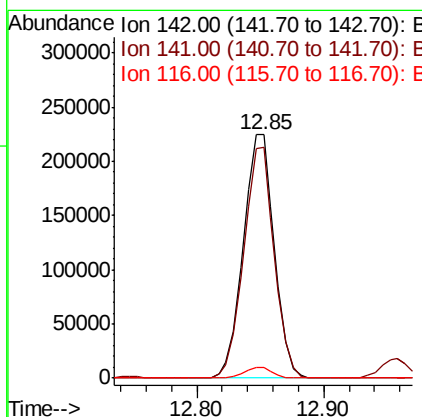
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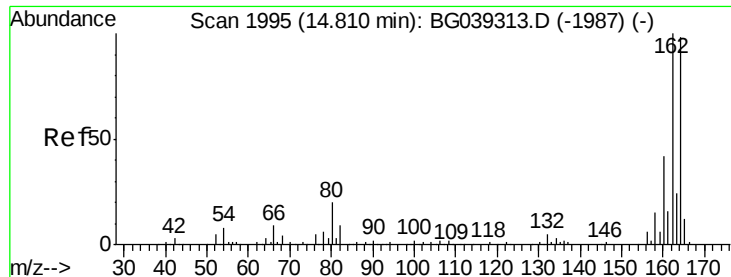
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#38
1-Methylnaphthalene
Concen: 46.664 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

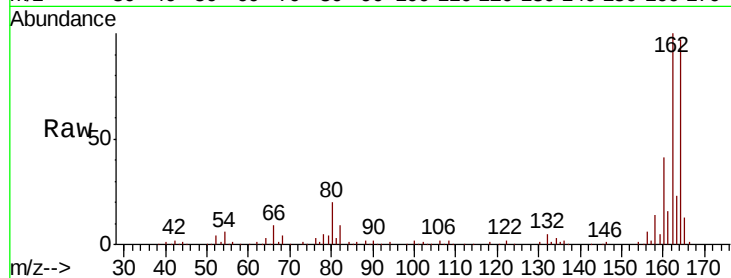
ClientSampleId :

OK-02-022519MSD

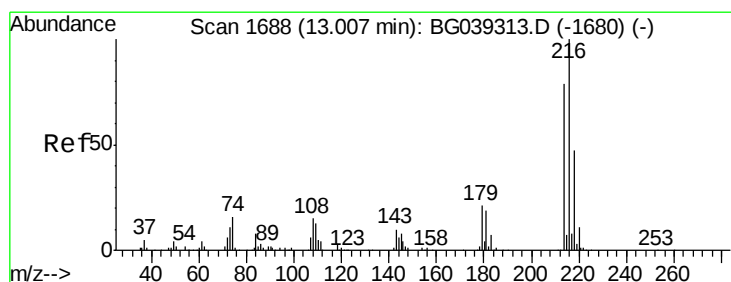
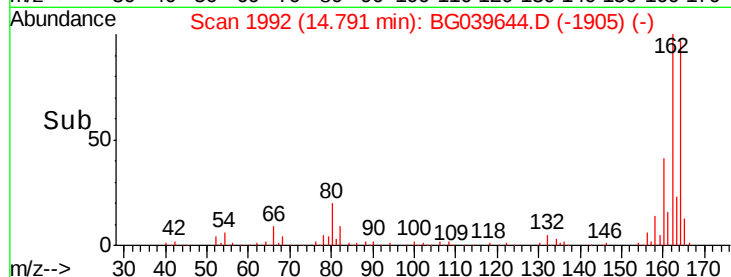
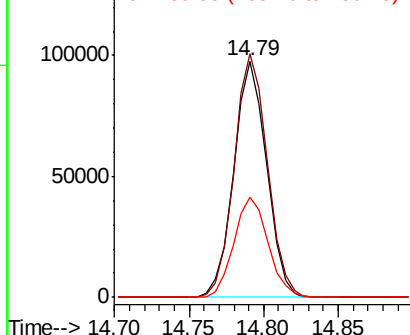
Tot Ion:	164	Resp:	148676
Ion Ratio	Lower	Upper	
164	100		
162	102.9	81.6	122.4
160	42.4	34.2	51.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.519 ng

RT: 12.99 min Scan# 1685

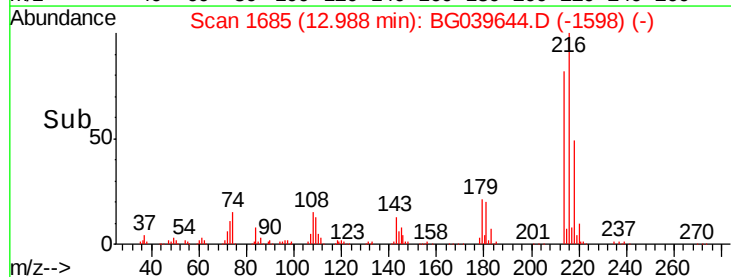
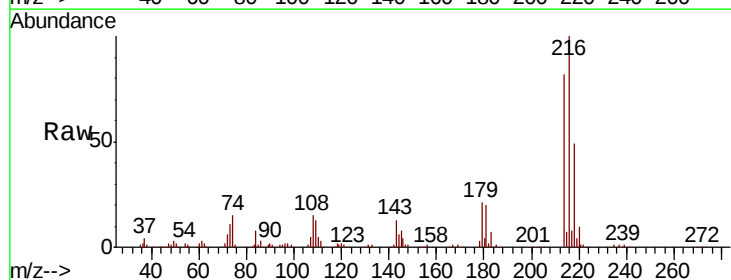
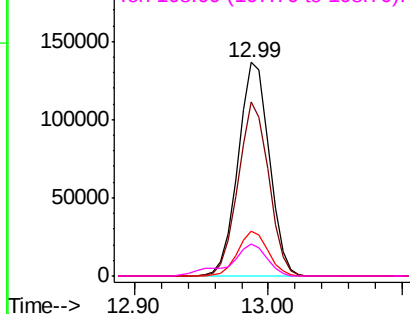
Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	216	Resp:	220056
Ion Ratio	Lower	Upper	
216	100		
214	79.8	62.6	94.0
179	20.4	16.6	25.0
108	17.6	14.0	21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 101.359 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

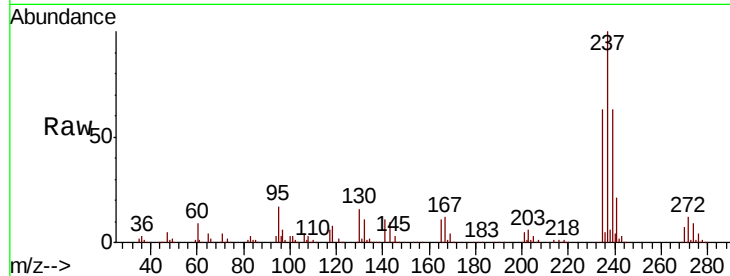
ClientSampleId :

OK-02-022519MSD

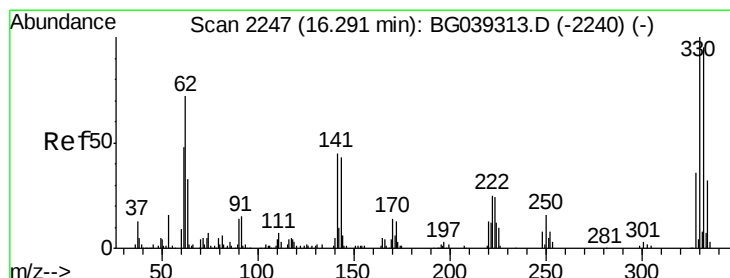
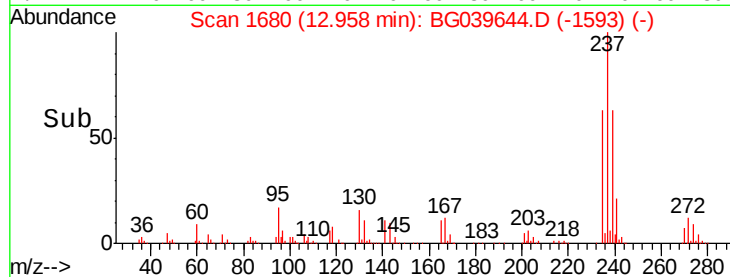
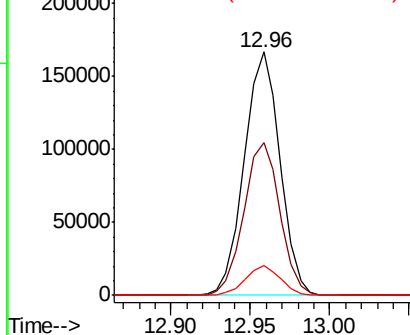
Tot Ion:	237	Resp:	261271
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.3	83.3
272	12.3	0.0	32.3

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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: 167.046 ng

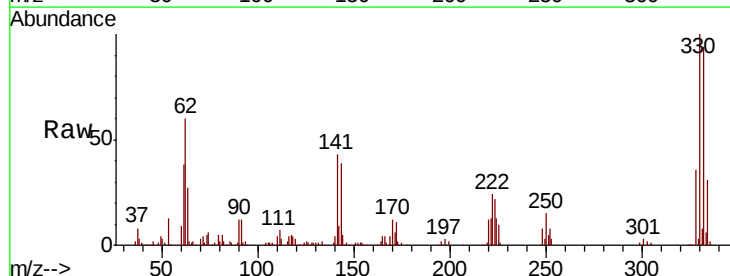
RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

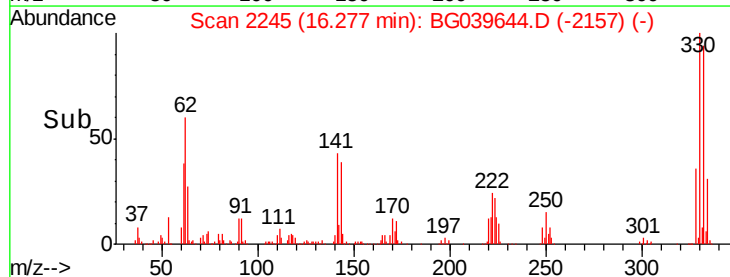
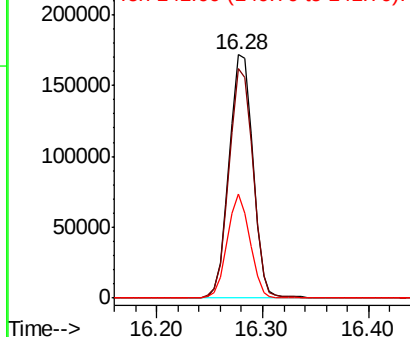
Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	330	Resp:	267438
Ion Ratio	Lower	Upper	
330	100		
332	95.2	75.7	113.5
141	40.4	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





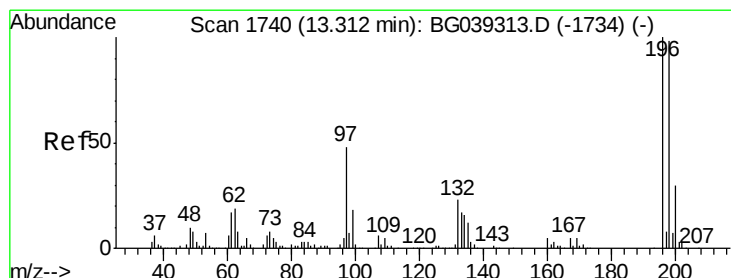
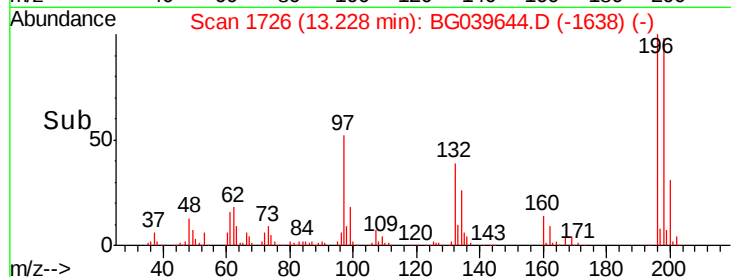
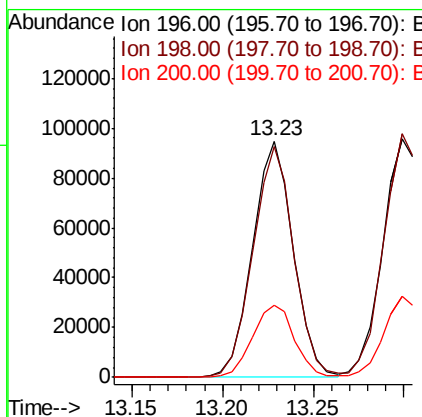
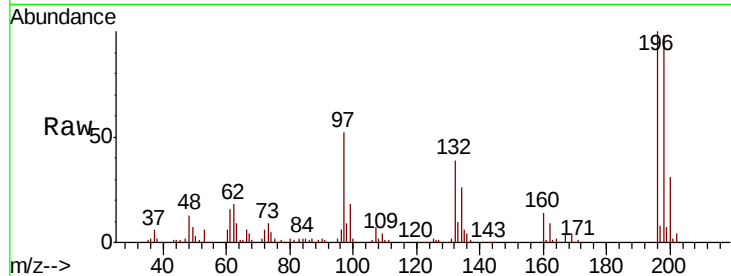
#43
 2,4,6-Trichlorophenol
 Concen: 51.172 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148834		
198	97.9	80.6	121.0	
200	30.5	26.1	39.1	

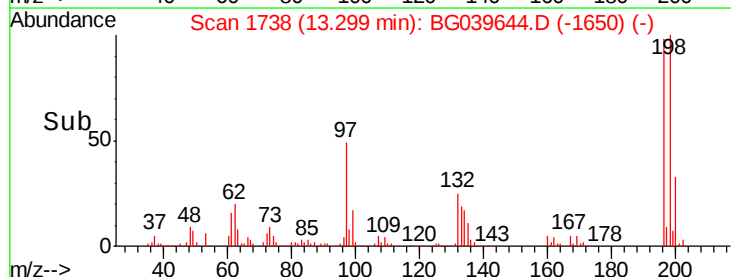
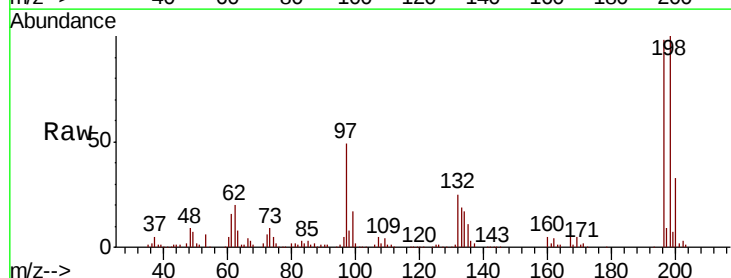
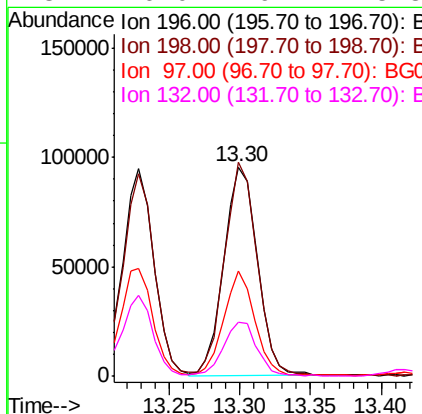
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#44
 2,4,5-Trichlorophenol
 Concen: 51.655 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157465		
198	102.2	78.5	117.7	
97	50.0	38.4	57.6	
132	26.0	19.2	28.8	





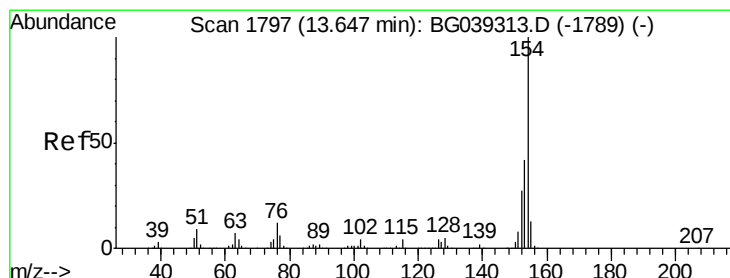
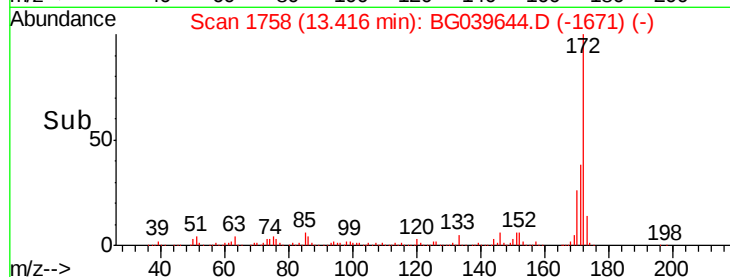
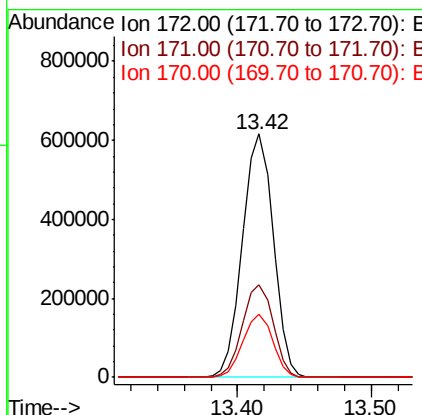
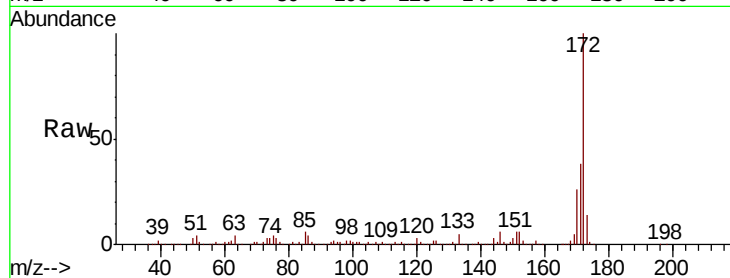
#45
2-Fluorobiphenyl
Concen: 94.886 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.9	20.2	30.4

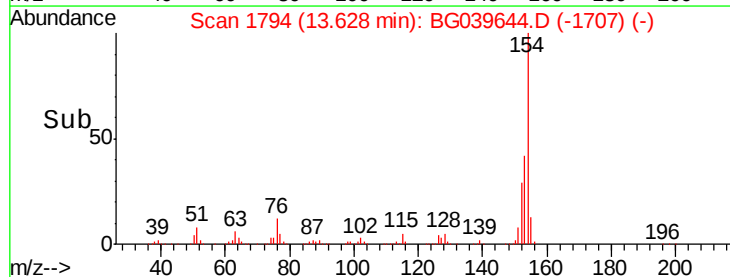
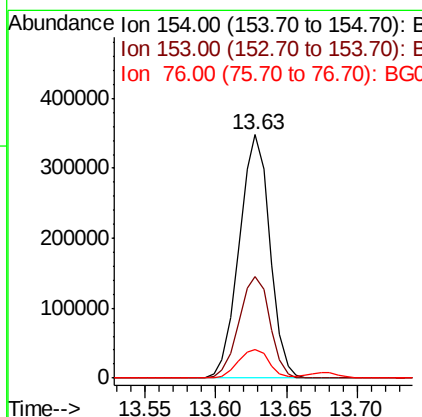
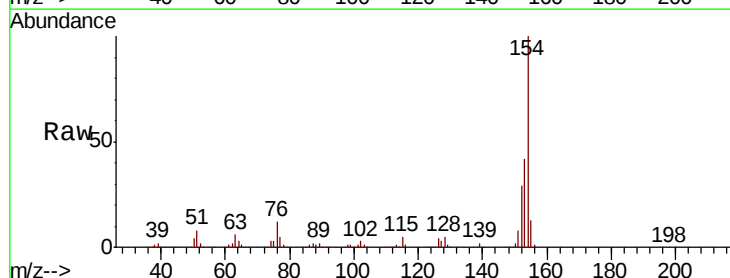
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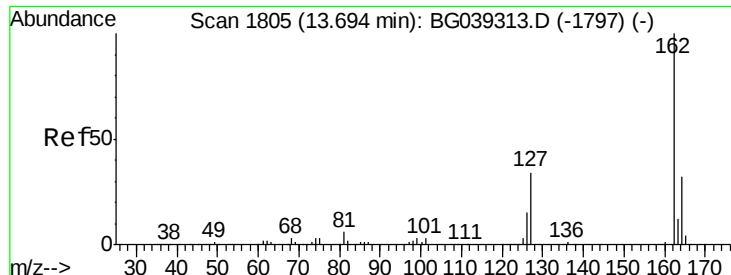
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#46
1,1'-Biphenyl
Concen: 42.592 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	12.0	0.0	32.4





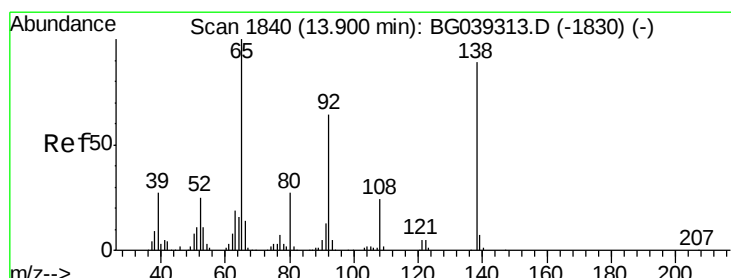
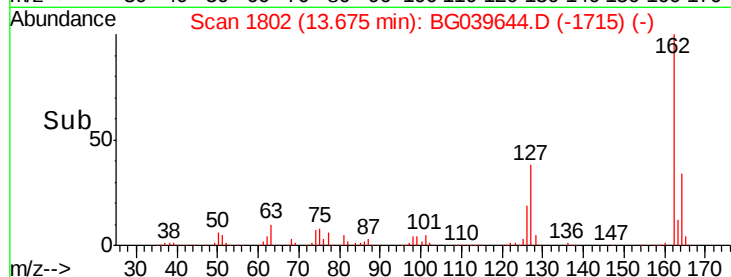
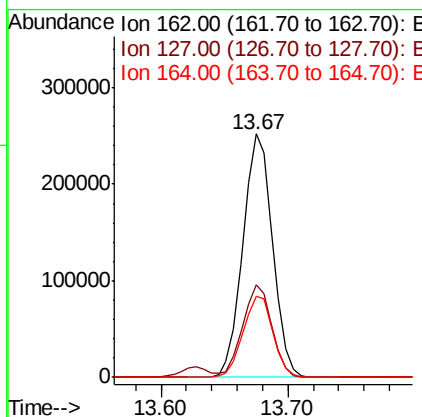
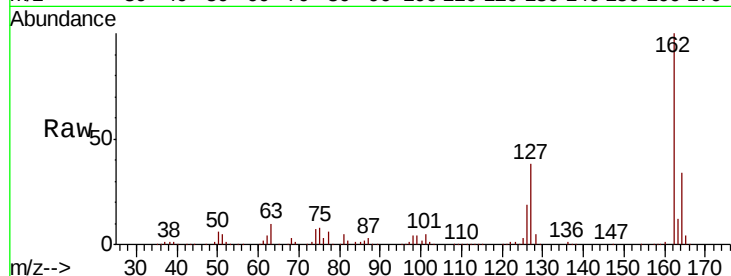
#47
 2-Chloronaphthalene
 Concen: 43.899 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	31.0	46.6
164	33.5	25.7	38.5

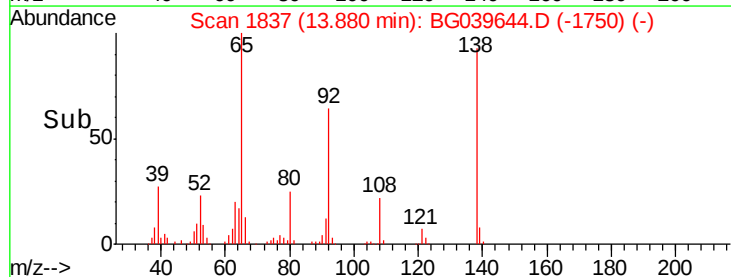
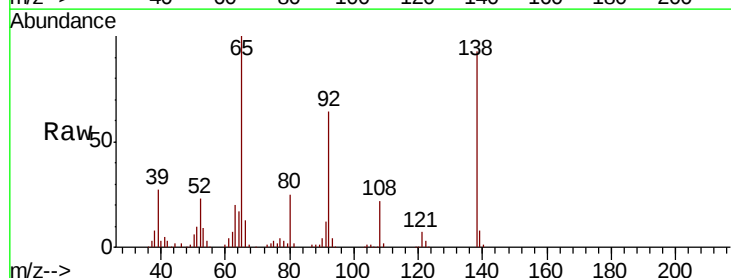
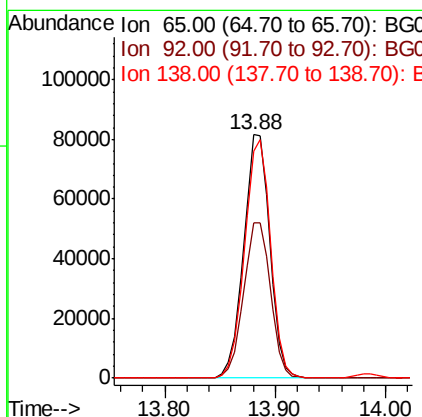
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#48
 2-Nitroaniline
 Concen: 50.532 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.4	77.2
138	93.2	71.4	107.2





#49

Acenaphthylene

Concen: 46.759 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

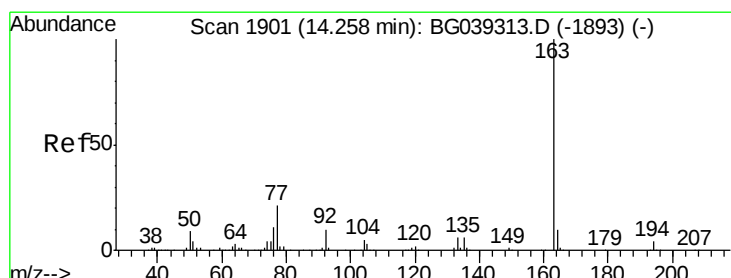
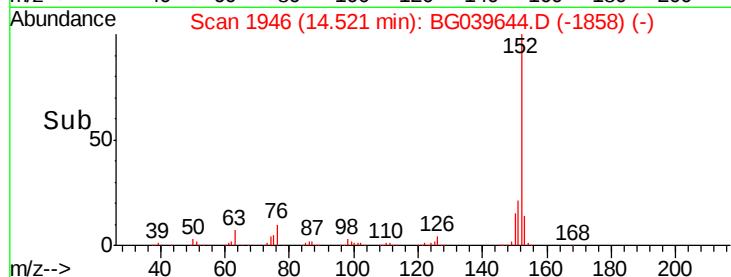
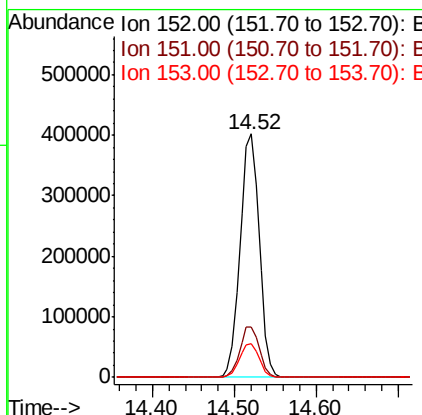
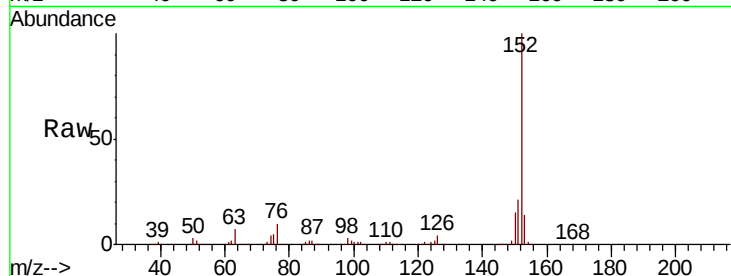
ClientSampleId :

OK-02-022519MSD

Tot Ion:	152	Resp:	656583
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.9	11.7	17.5

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#50

Dimethylphthalate

Concen: 43.759 ng

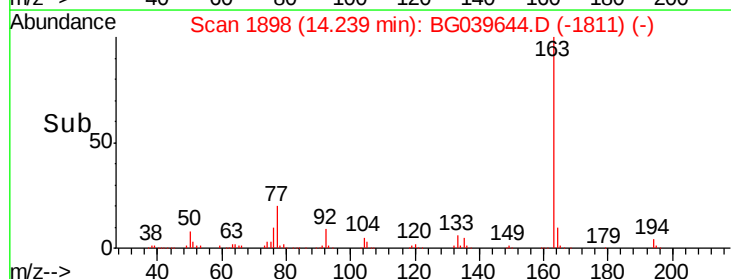
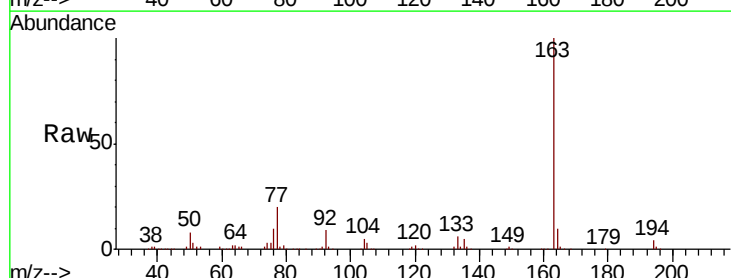
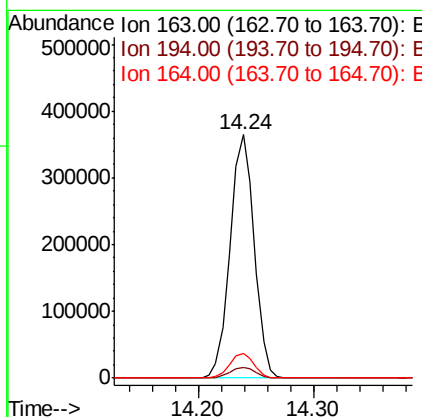
RT: 14.24 min Scan# 1898

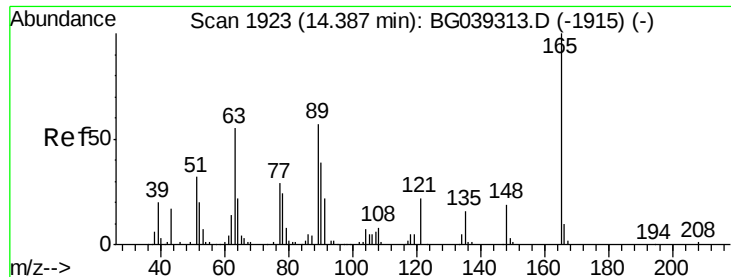
Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	163	Resp:	525446
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	10.3	8.4	12.6





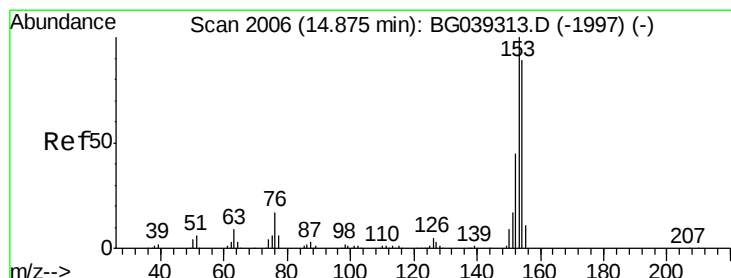
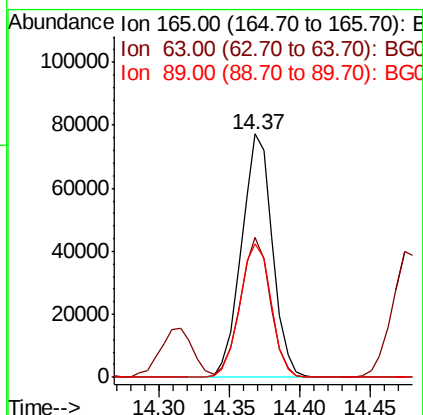
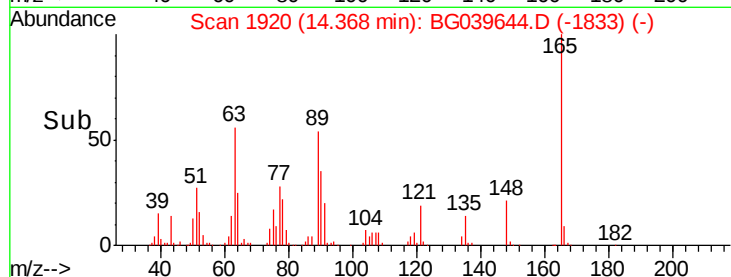
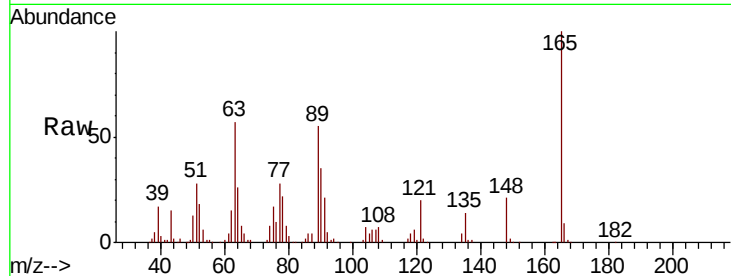
#51
2,6-Dinitrotoluene
Concen: 51.913 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampled :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.4	47.0	70.6
89	54.7	45.8	68.8

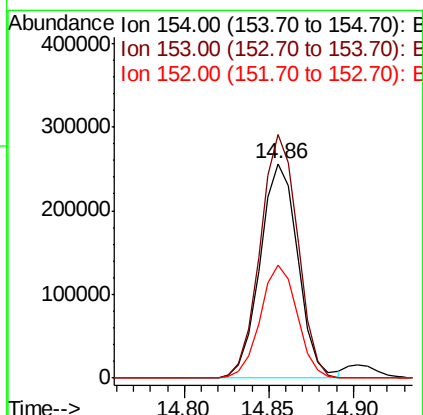
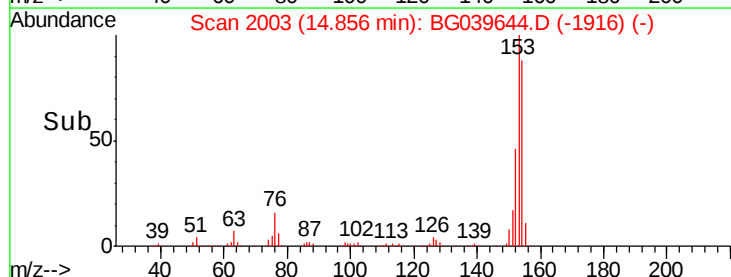
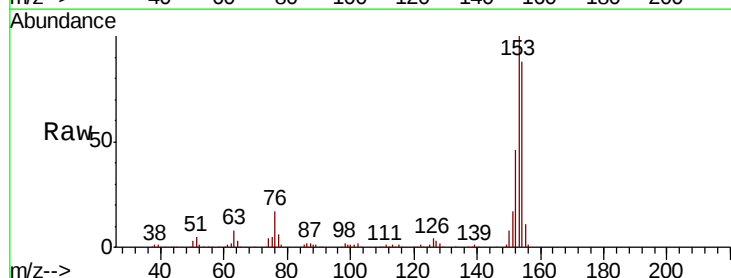
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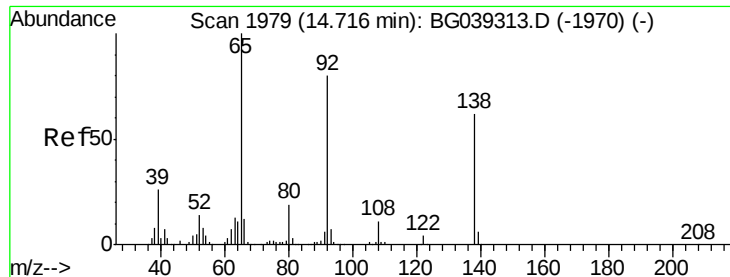
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#52
Acenaphthene
Concen: 43.967 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	52.6	40.9	61.3





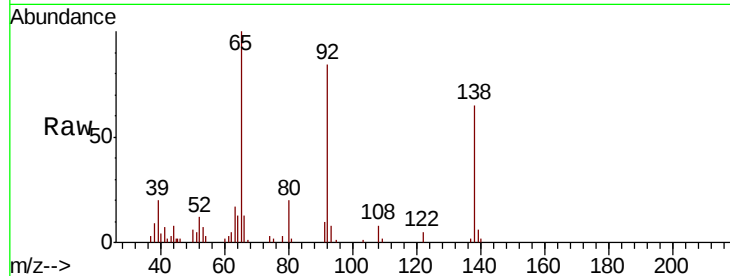
#53
3-Nitroaniline
Concen: 10.878 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

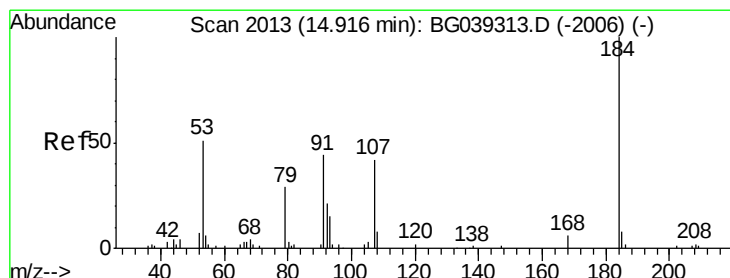
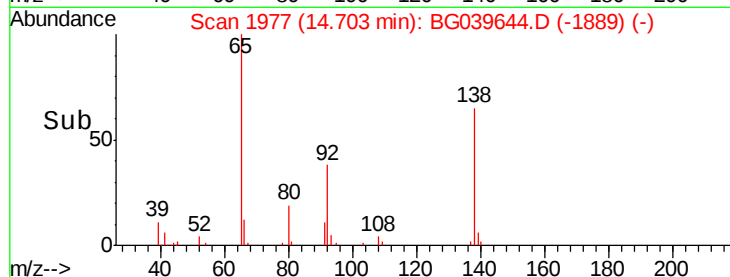
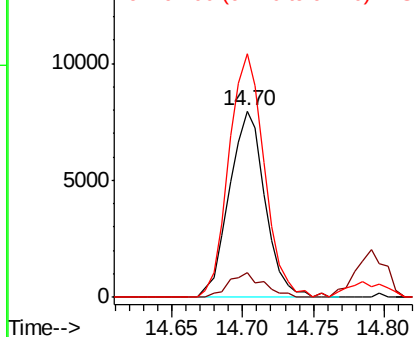
Tot Ion:138 Resp: 14004
Ion Ratio Lower Upper
138 100
108 13.2 13.8 20.8#
92 130.8 103.7 155.5

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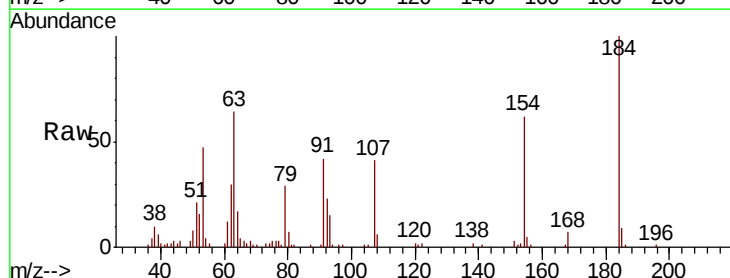


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

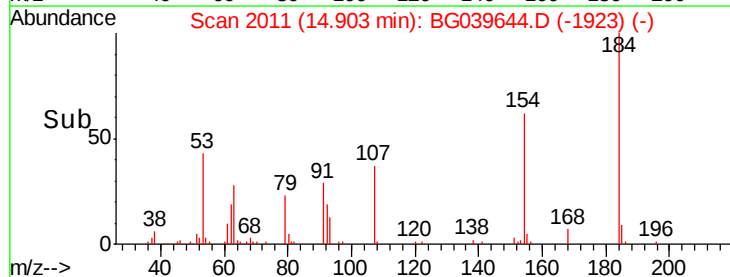
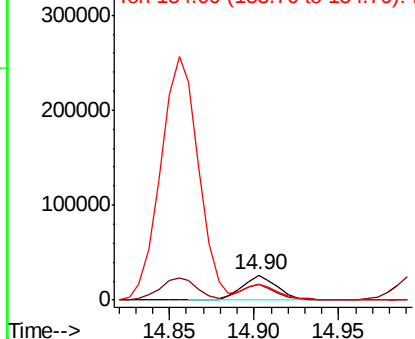


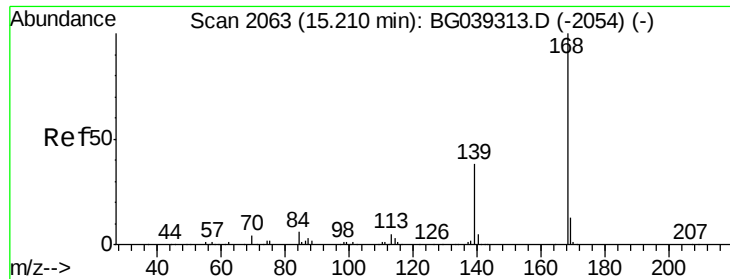
#54
2,4-Dinitrophenol
Concen: 48.335 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion:184 Resp: 38507
Ion Ratio Lower Upper
184 100
63 63.9 50.9 76.3
154 62.0 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.650 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

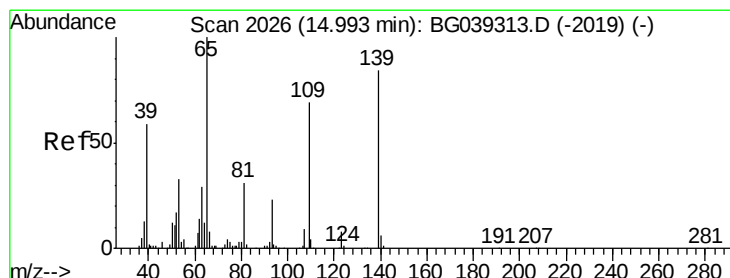
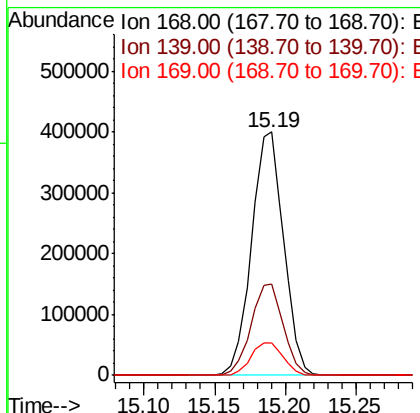
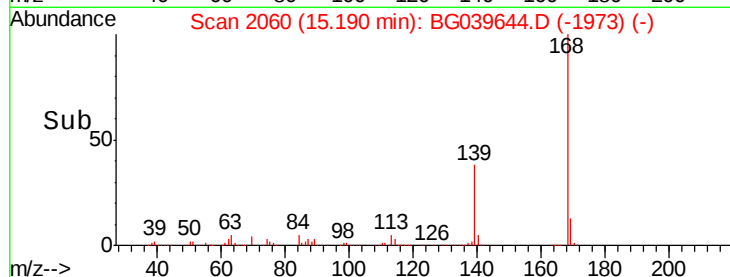
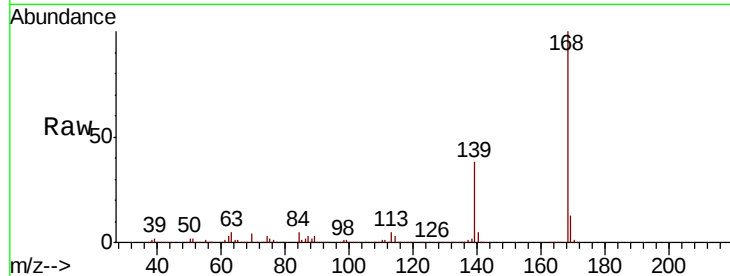
ClientSampleId :

OK-02-022519MSD

Tot Ion:	168	Resp:	637902
Ion Ratio	Lower	Upper	
168	100		
139	37.7	30.1	45.1
169	13.3	10.6	16.0

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#56

4-Nitrophenol

Concen: 75.544 ng

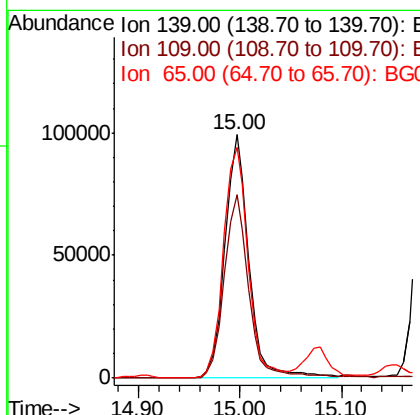
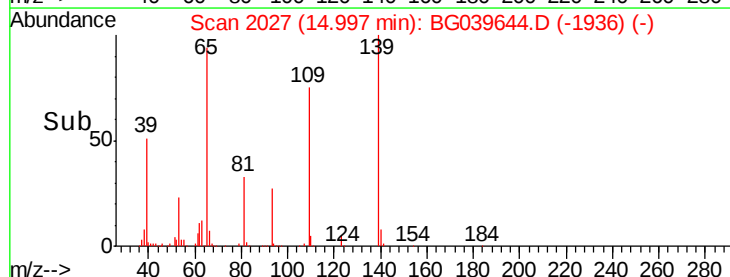
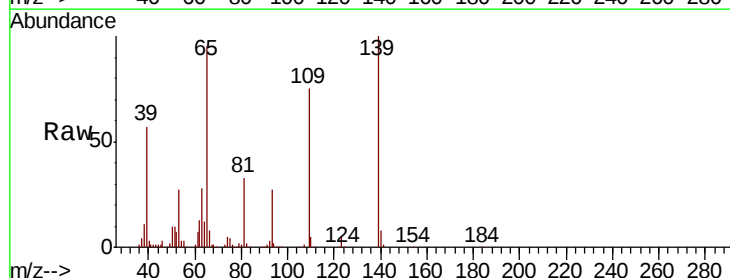
RT: 15.00 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	139	Resp:	163257
Ion Ratio	Lower	Upper	
139	100		
109	75.4	61.9	101.9
65	94.8	99.1	139.1#





#57

2,4-Dinitrotoluene

Concen: 56.344 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

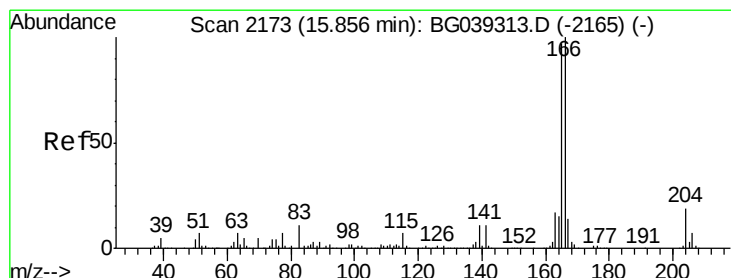
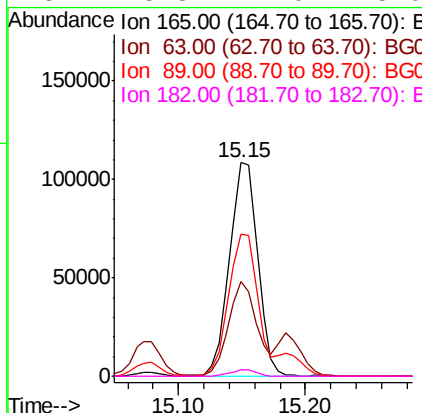
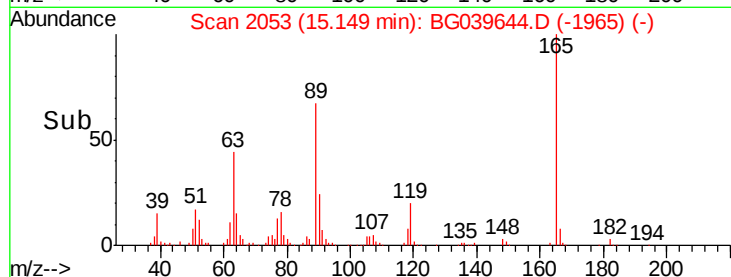
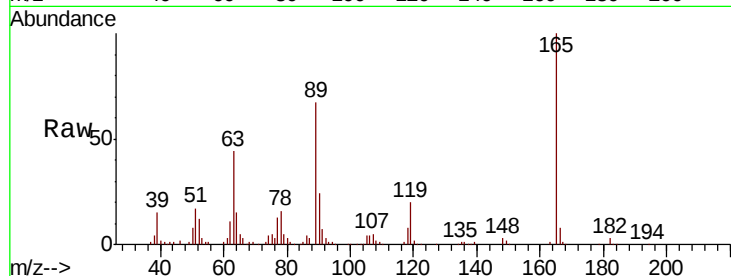
ClientSampleId :

OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166641		
63	44.3	41.0	61.6	
89	66.6	64.6	96.8	
182	3.3	2.0	3.0	

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#58

Fluorene

Concen: 46.175 ng

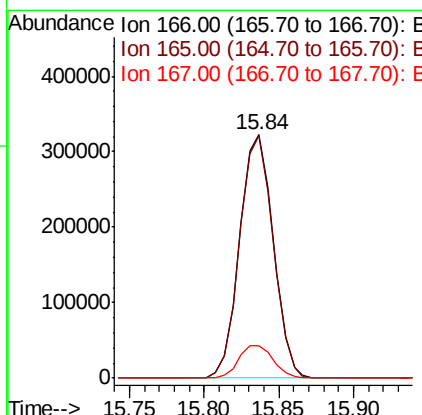
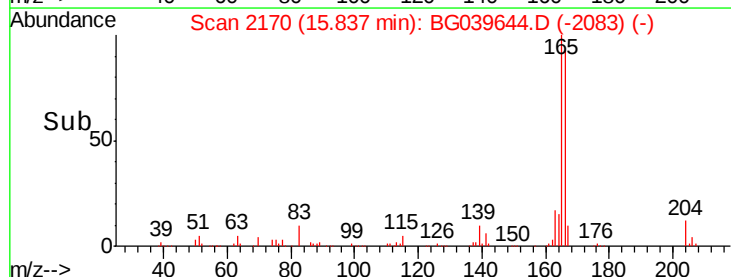
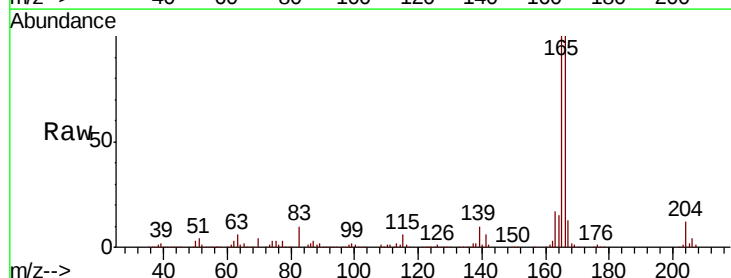
RT: 15.84 min Scan# 2170

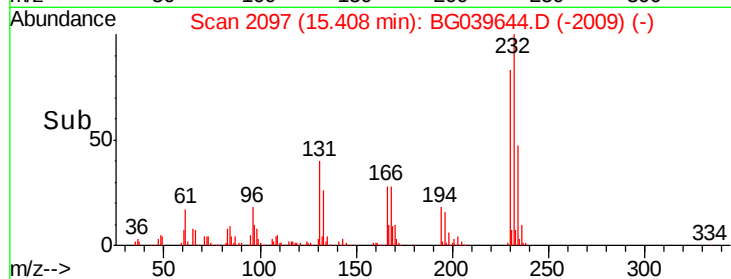
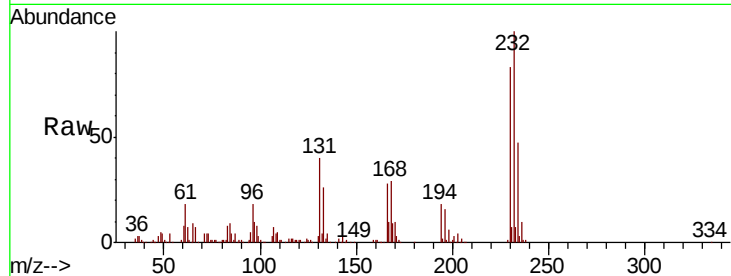
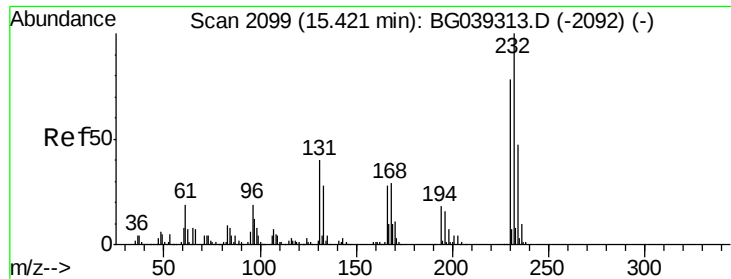
Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	503036		
165	99.5	77.9	116.9	
167	13.5	10.8	16.2	





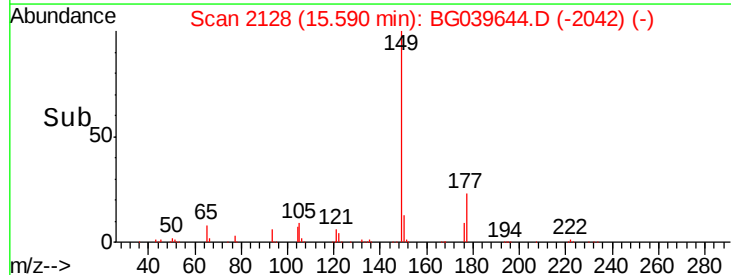
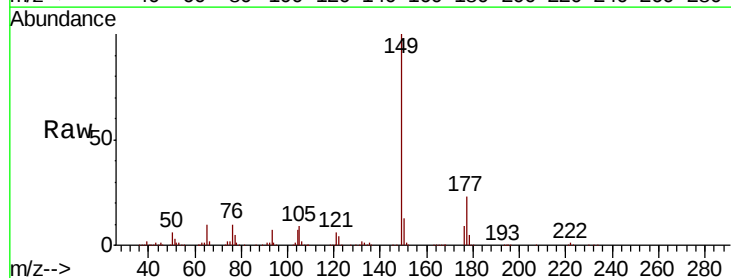
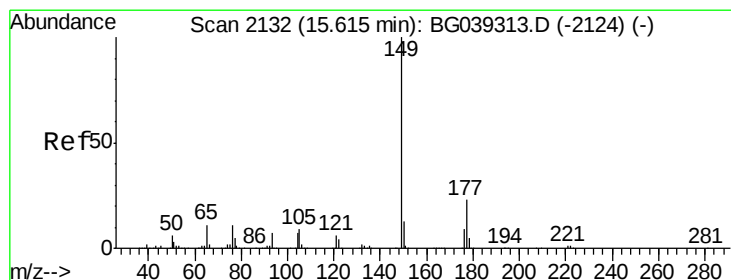
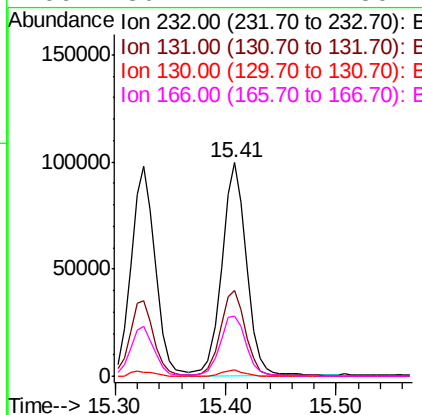
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.889 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.4		34.9	52.3
130	2.5		2.0	3.0
166	30.4		24.1	36.1

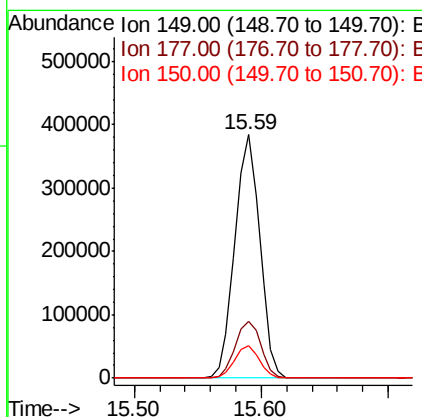
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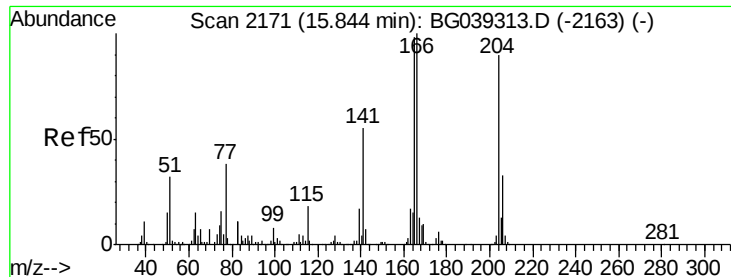
Sohil
2/28/2019 1:32:10 PM



#60
Diethylphthalate
Concen: 42.012 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.4		18.3	27.5
150	13.5		10.2	15.2





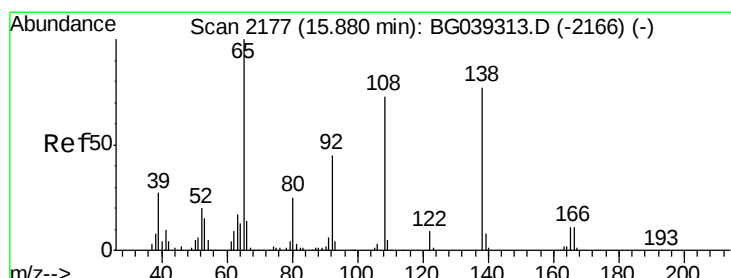
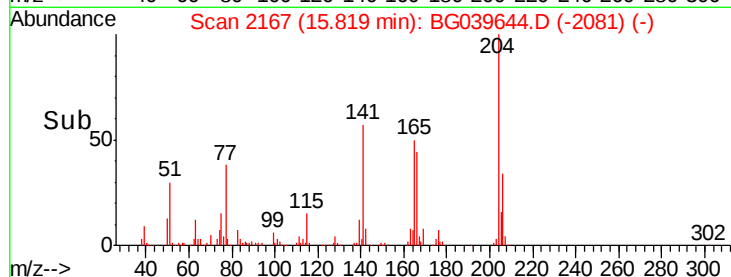
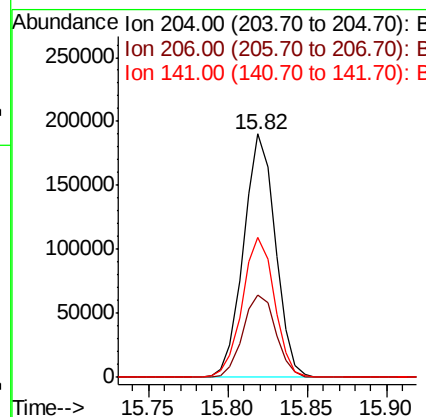
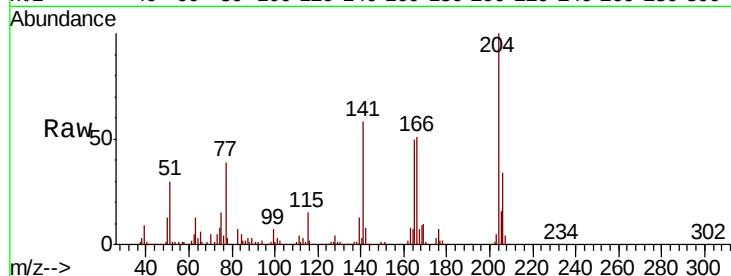
#61
4-Chlorophenyl-phenylether
Concen: 42.846 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	29.2	43.8
141	57.7	49.0	73.4

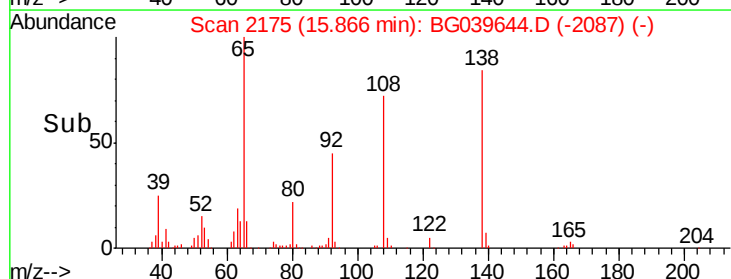
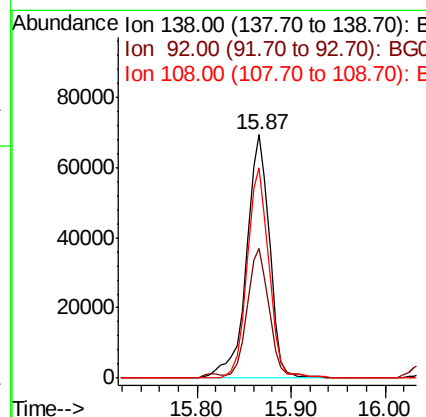
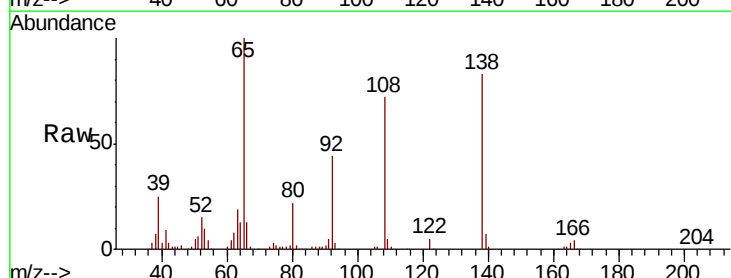
Manual Integrations
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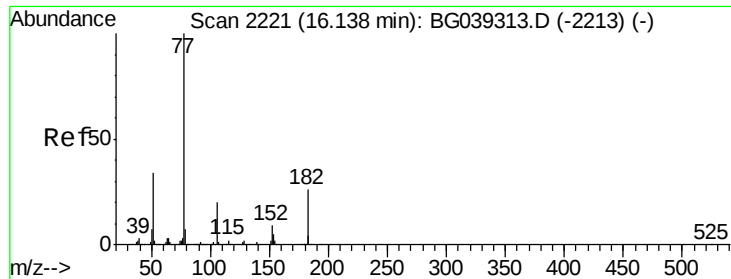
Sohil
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#62
4-Nitroaniline
Concen: 46.918 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	38.7	78.7
108	86.3	74.6	114.6





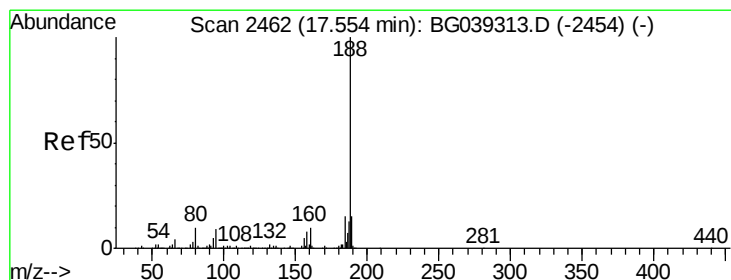
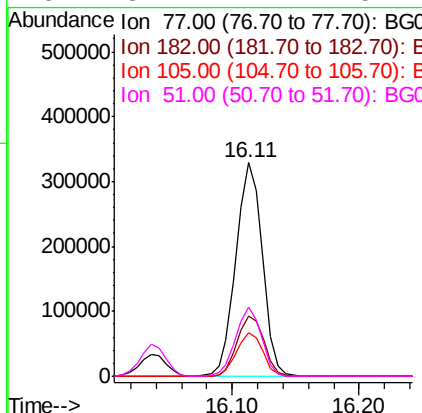
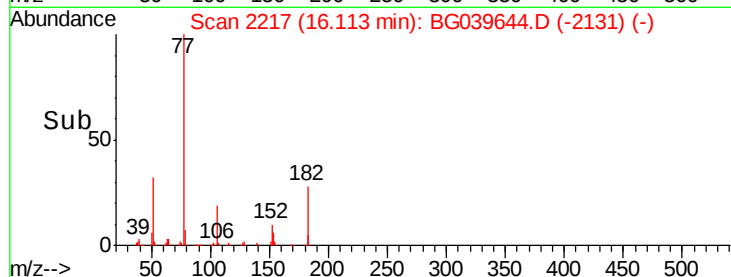
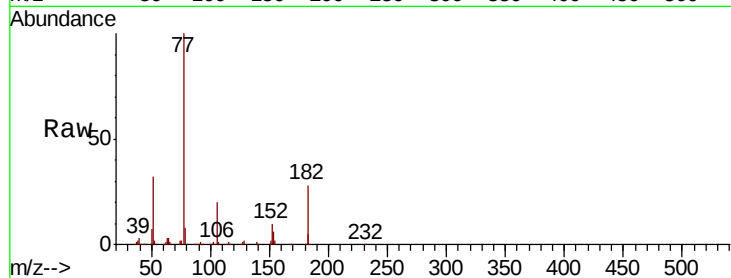
#63
Azobenzene
Concen: 38.967 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	6.4	46.4	
105	20.4	0.0	39.8	
51	32.4	14.1	54.1	

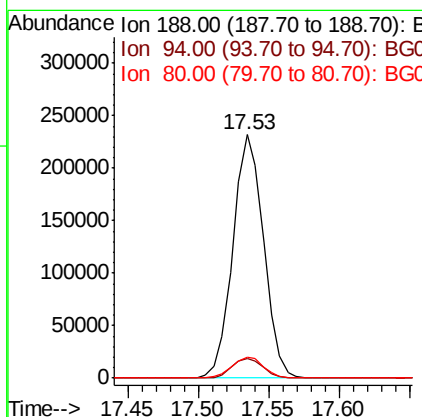
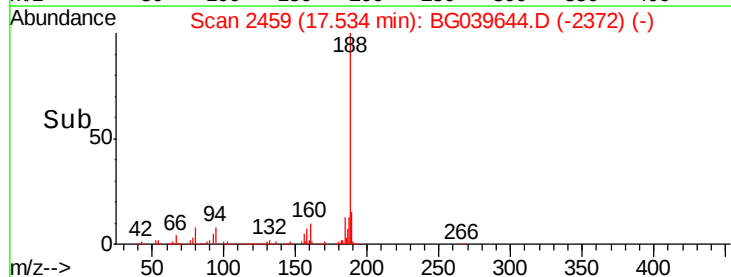
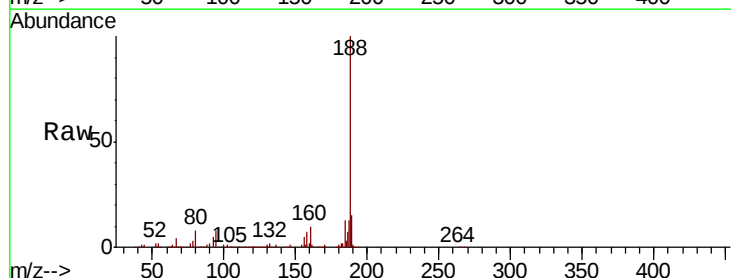
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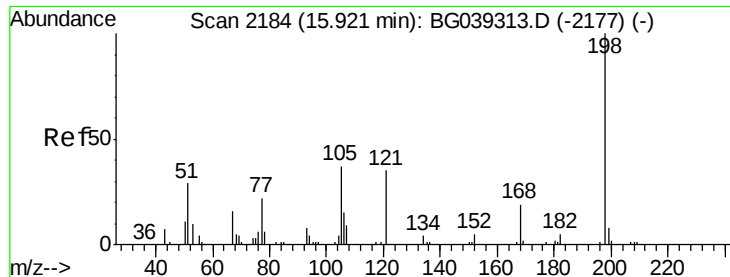
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.9	10.3	
80	8.4	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.417 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

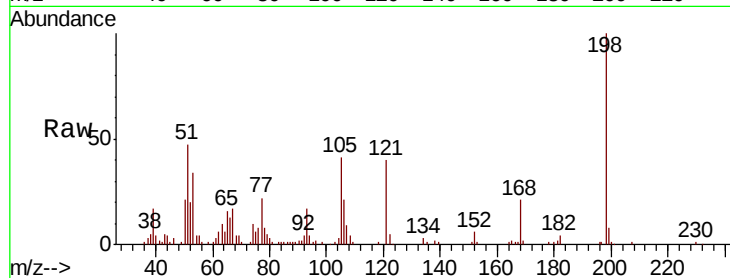
ClientSampleId :

OK-02-022519MSD

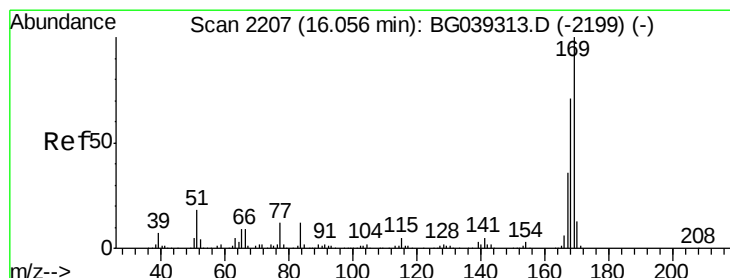
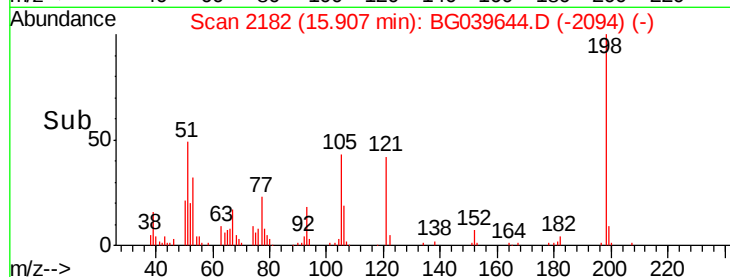
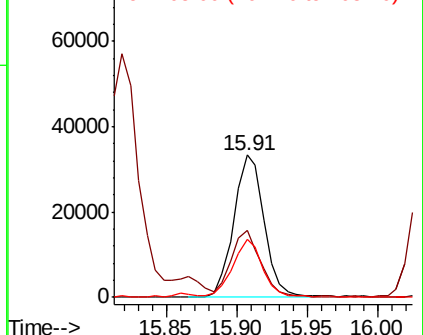
Tot Ion:	198	Resp:	50315
Ion Ratio	Lower	Upper	
198	100		
51	46.9	27.4	67.4
105	41.1	19.7	59.7

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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: 43.267 ng

RT: 16.04 min Scan# 2204

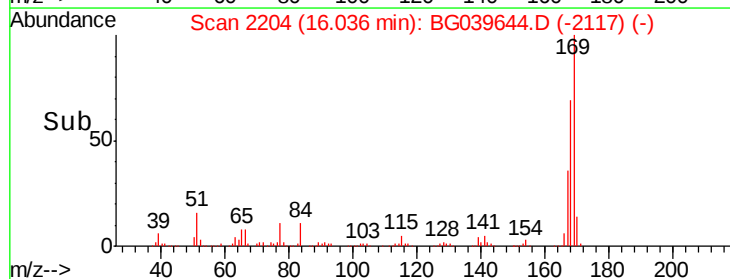
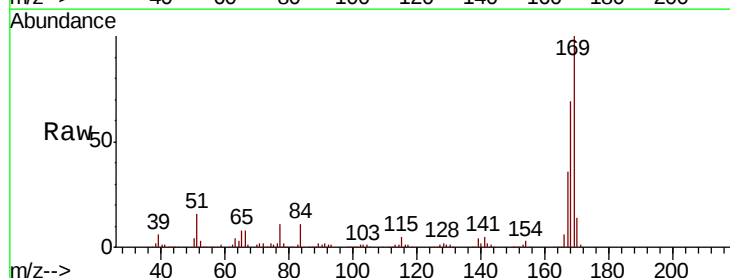
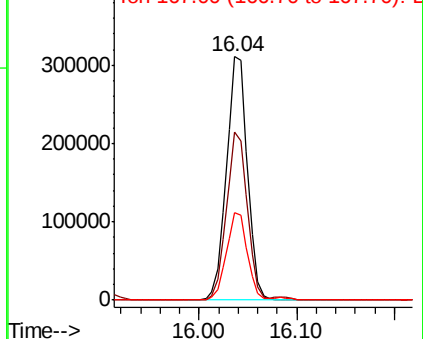
Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	169	Resp:	461246
Ion Ratio	Lower	Upper	
169	100		
168	69.3	56.6	85.0
167	35.9	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





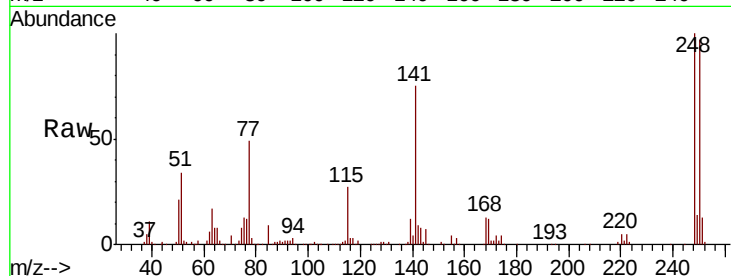
#67
 4-Bromophenyl-phenylether
 Concen: 45.170 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.6	116.4
141	74.9	63.9	95.9

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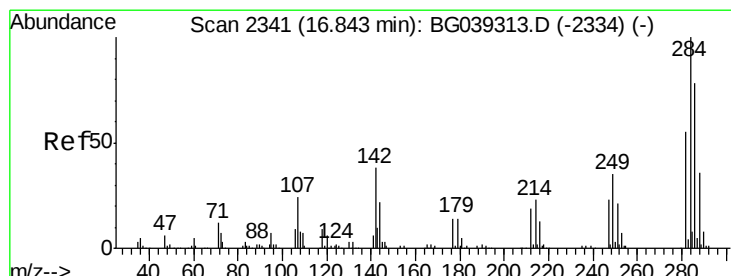
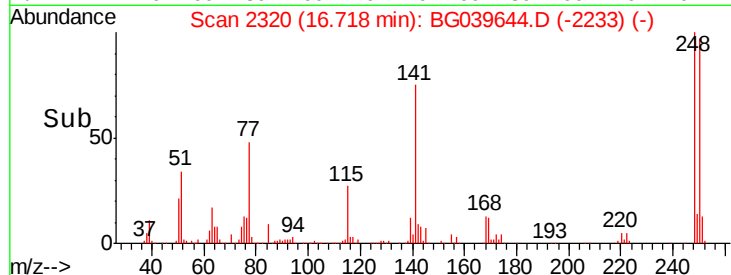
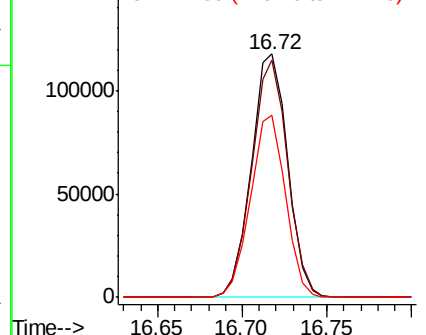


Abundance

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: 45.879 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

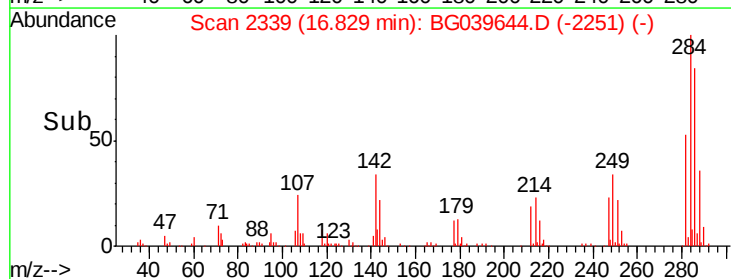
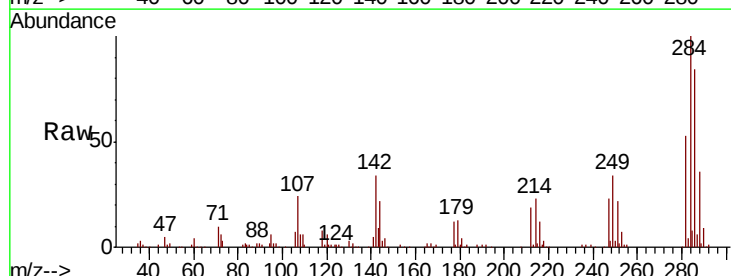
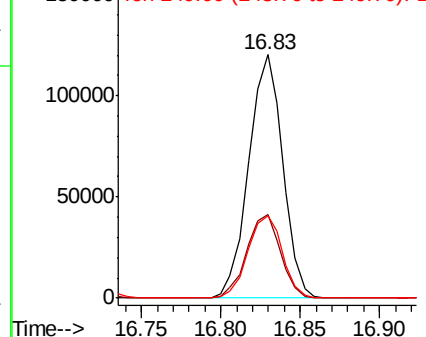
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	30.6	45.8
249	33.9	28.2	42.2

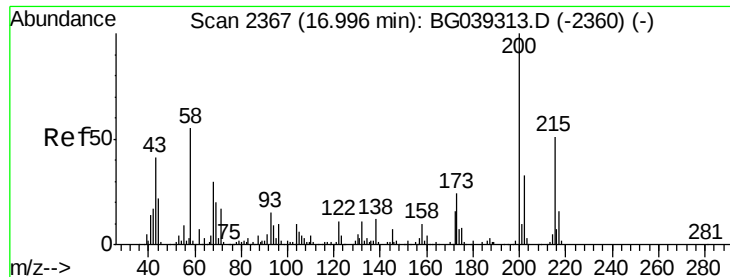
Abundance

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





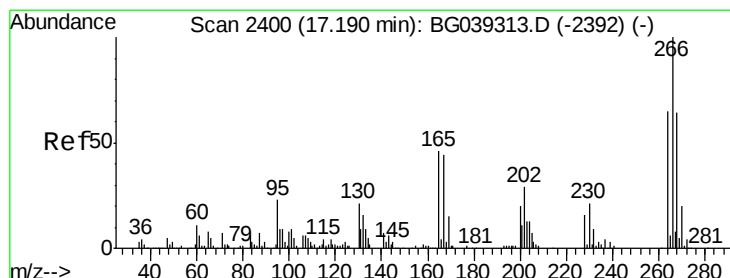
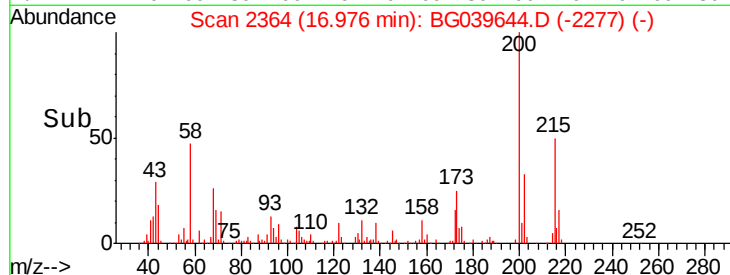
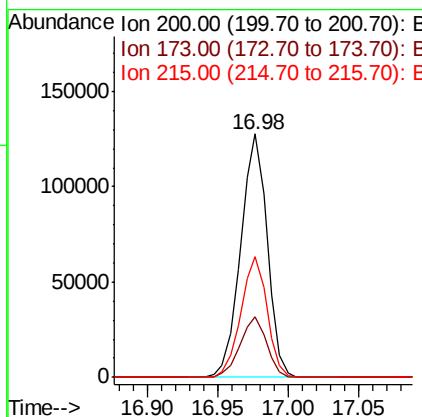
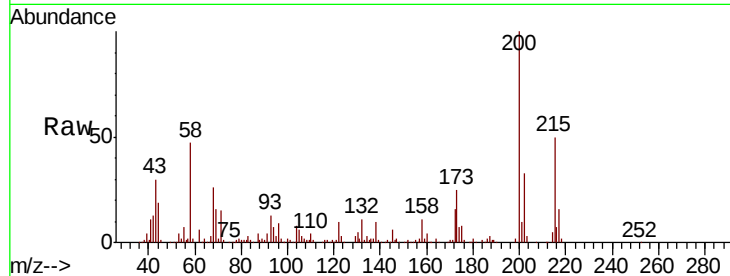
#69
 Atrazine
 Concen: 43.029 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.9	43.9
215	49.7	30.9	70.9

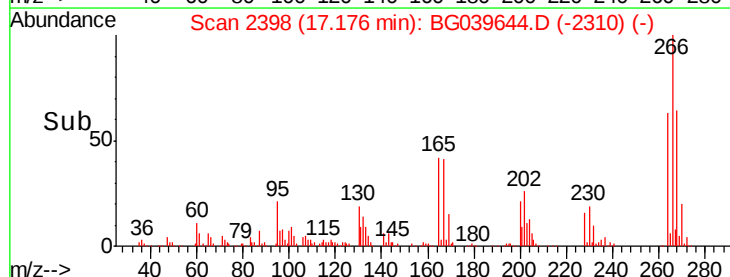
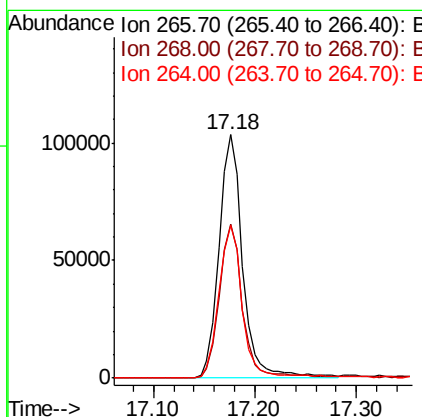
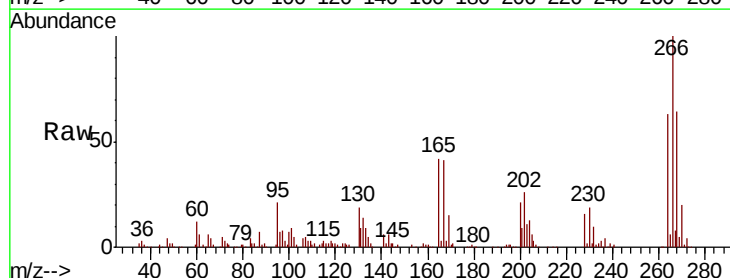
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#70
 Pentachlorophenol
 Concen: 61.893 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.7	52.1	78.1





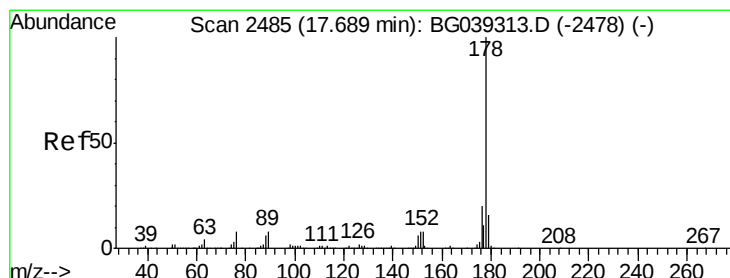
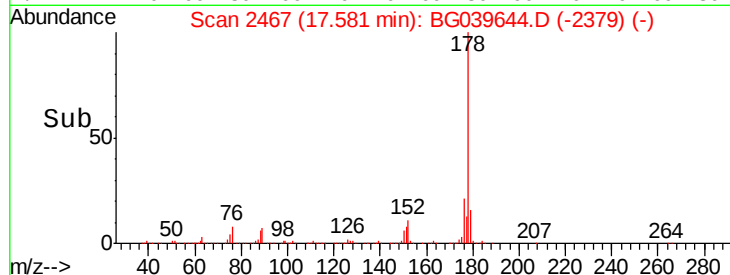
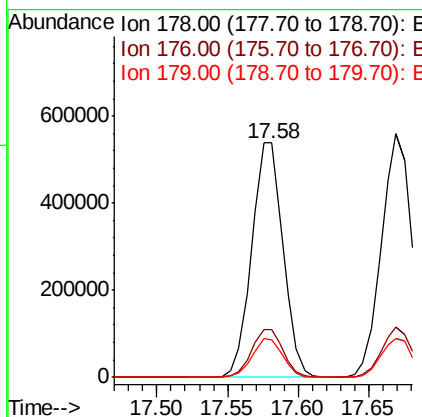
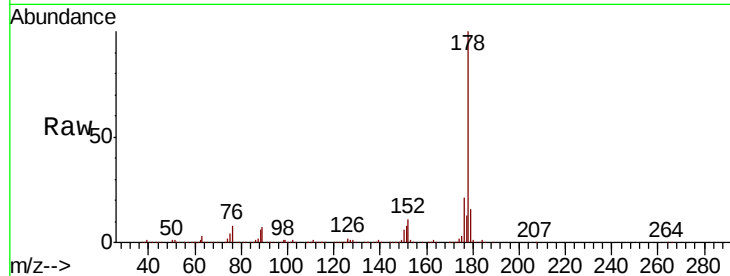
#71
Phenanthrene
Concen: 46.426 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	15.9	12.6	19.0

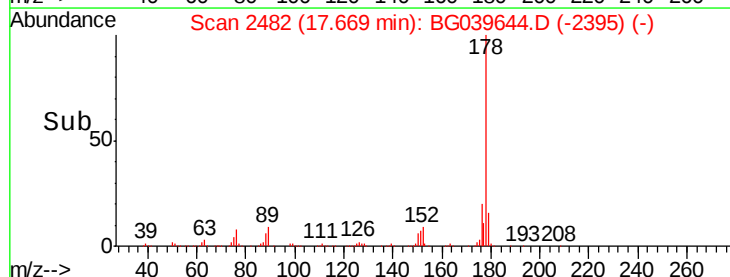
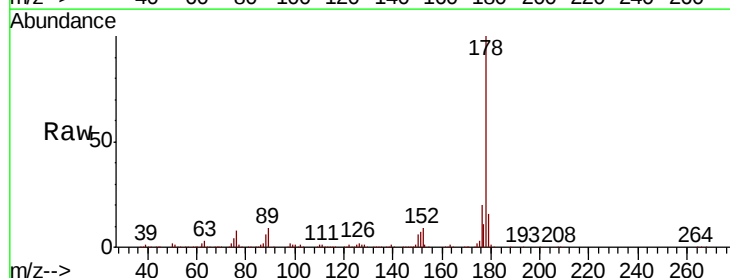
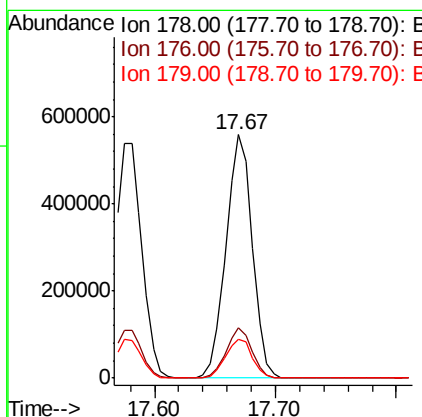
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#72
Anthracene
Concen: 47.179 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.6
179	16.2	12.5	18.7





#73

Carbazole

Concen: 42.614 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

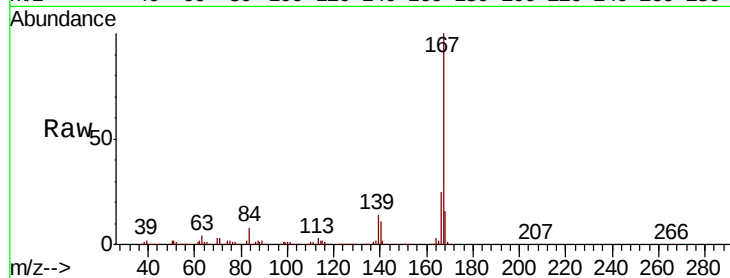
ClientSampleId :

OK-02-022519MSD

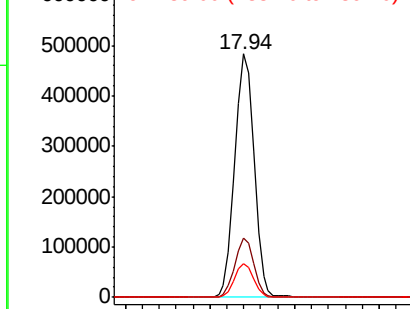
Tot Ion:	167	Resp:	760121
Ion Ratio		Lower	Upper
167	100		
166	24.5	19.4	29.2
139	14.1	10.8	16.2

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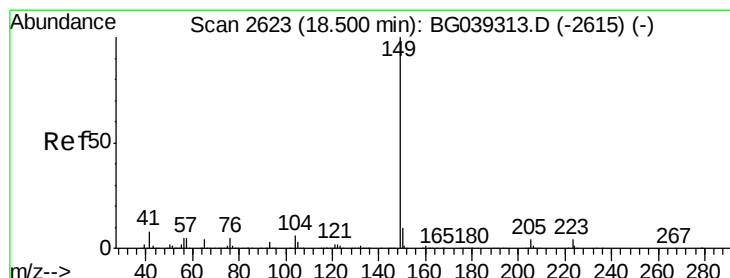
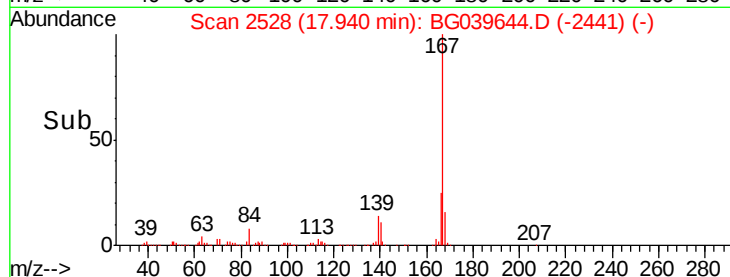
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 43.905 ng

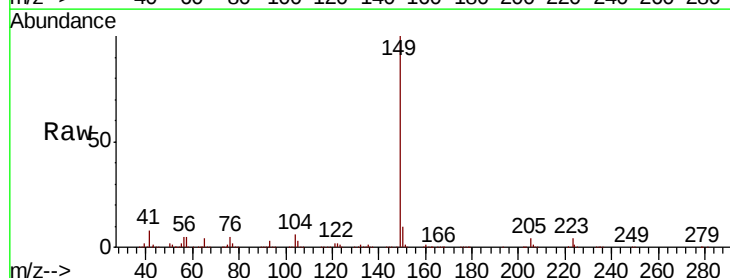
RT: 18.47 min Scan# 2618

Delta R.T. -0.03 min

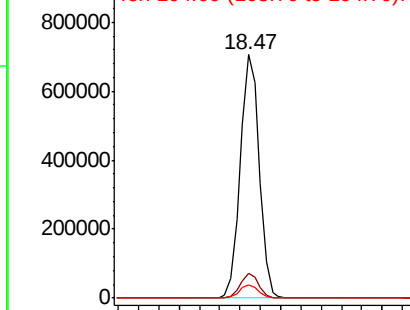
Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

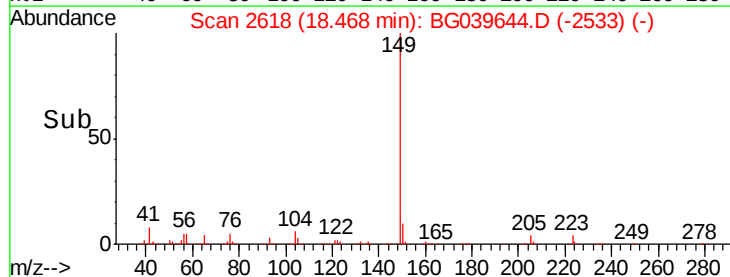
Tgt Ion:	149	Resp:	913659
Ion Ratio		Lower	Upper
149	100		
150	10.2	7.7	11.5
104	5.5	4.5	6.7

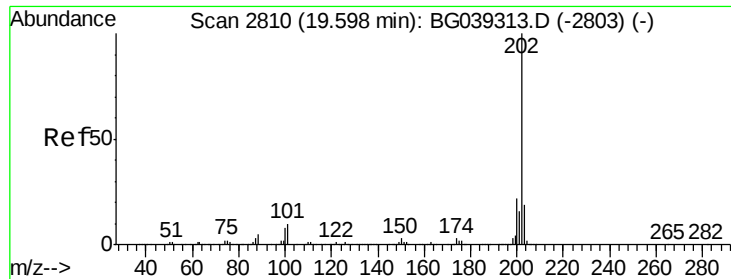


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 49.157 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

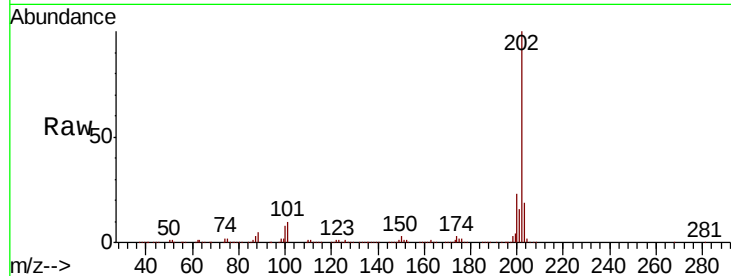
ClientSampleId :

OK-02-022519MSD

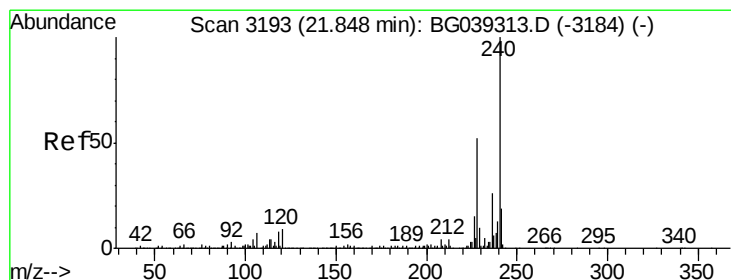
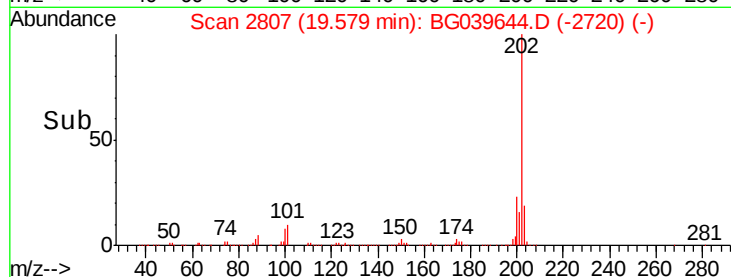
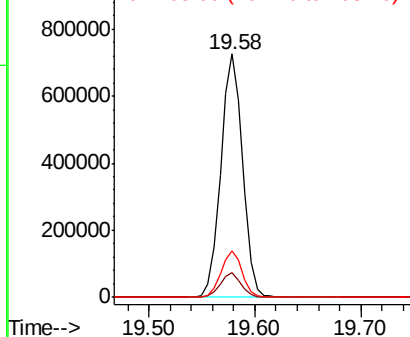
Tot Ion:	202	Resp:	1035322
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.0
203	19.0	0.0	38.9

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: 21.83 min Scan# 3190

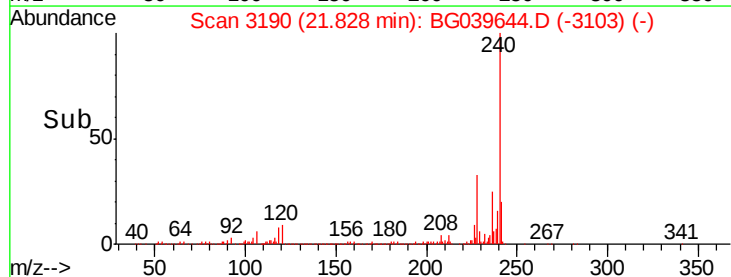
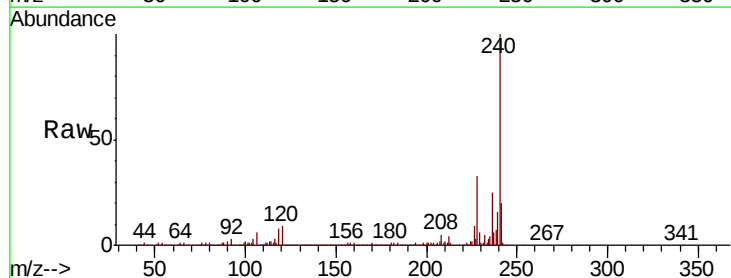
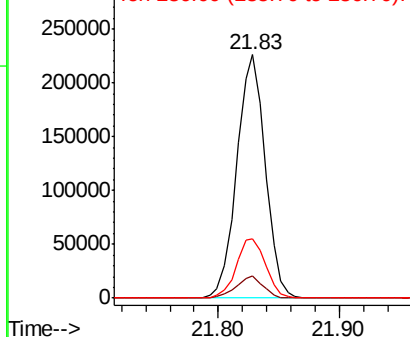
Delta R.T. -0.02 min

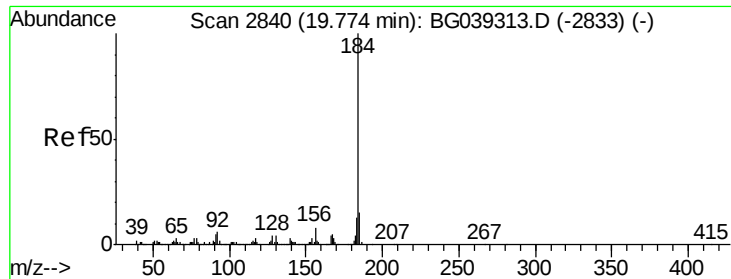
Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	240	Resp:	371664
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.0	10.6
236	24.6	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: 3.158 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

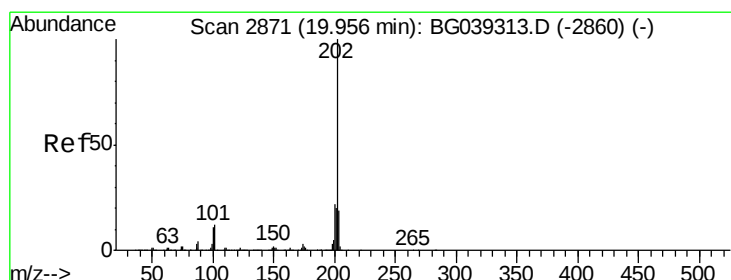
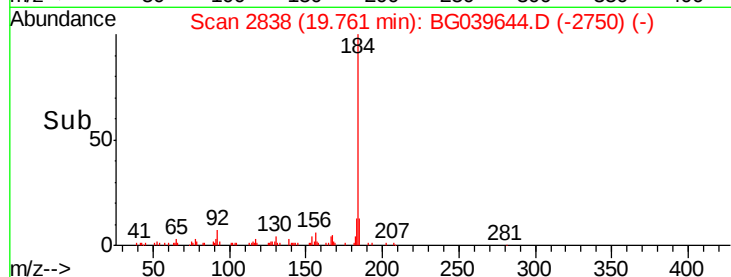
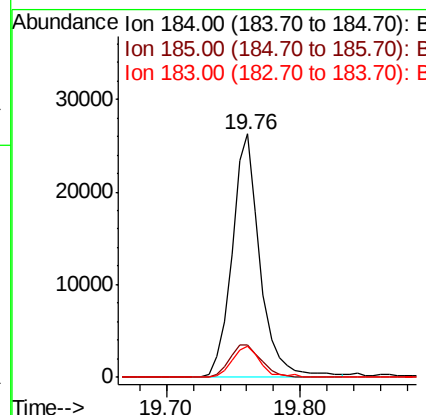
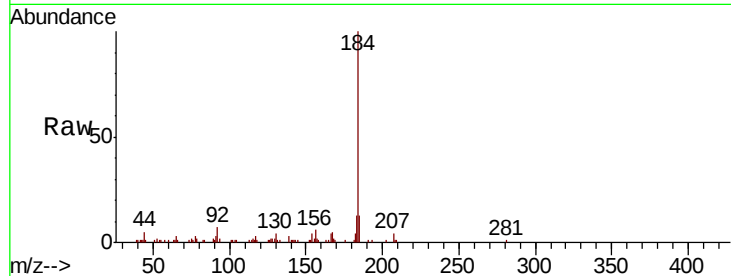
ClientSampleId :

OK-02-022519MSD

Tot Ion:	184	Resp:	38483
Ion Ratio	Lower	Upper	
184	100		
185	13.1	12.2	18.2
183	12.9	10.6	15.8

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#78

Pyrene

Concen: 44.947 ng

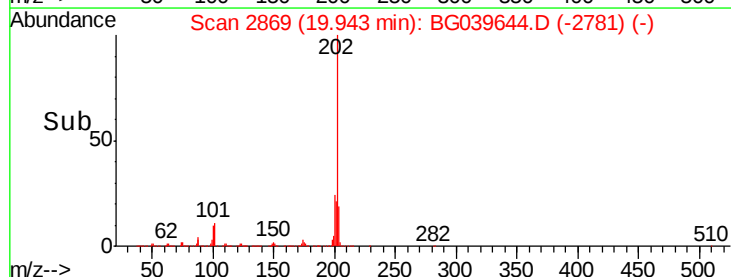
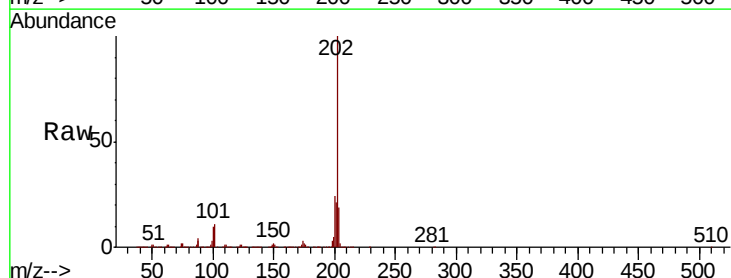
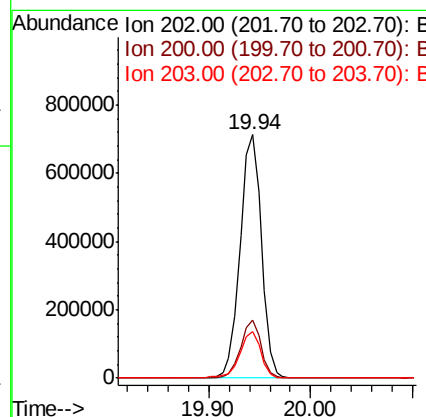
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	202	Resp:	1039948
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.8	26.8
203	19.0	15.3	22.9





#79

Terphenyl-d14

Concen: 88.729 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

ClientSampleId :

OK-02-022519MSD

Tot Ion:244 Resp: 1557973

Ion Ratio Lower Upper

244 100

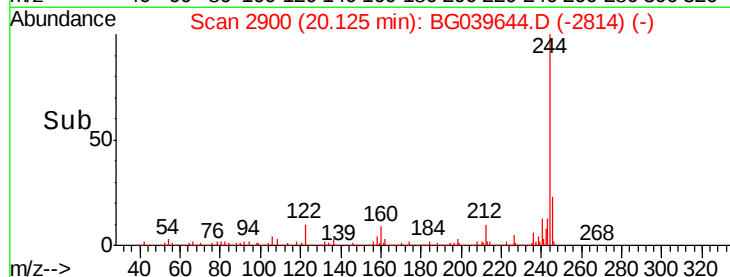
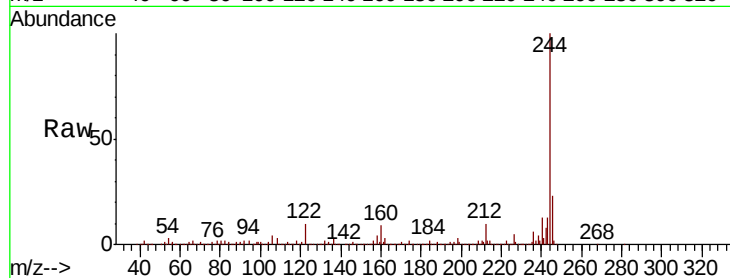
212 9.8 7.3 10.9

122 10.4 8.4 12.6

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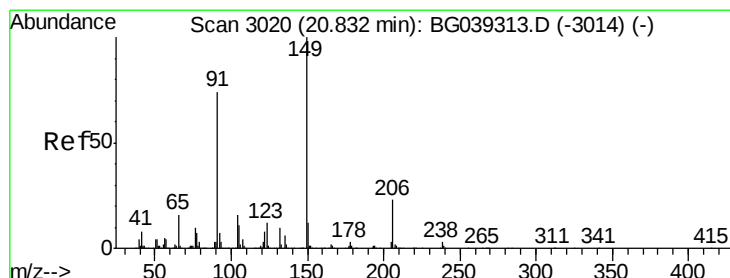
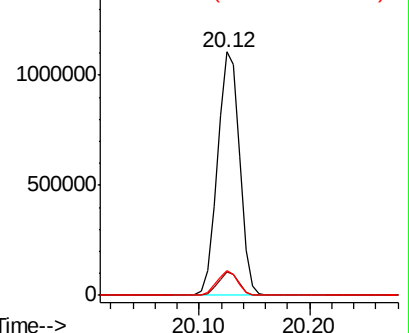
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.036 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

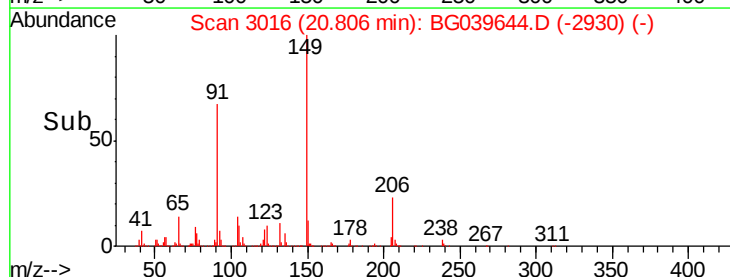
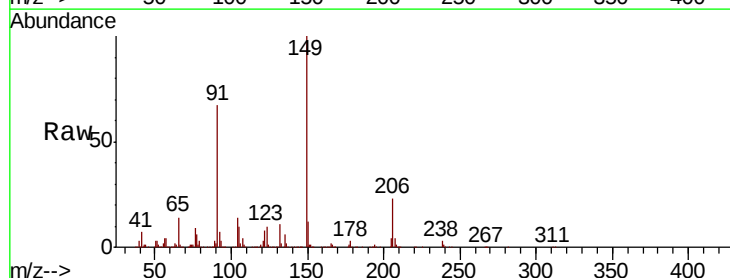
Tgt Ion:149 Resp: 449320

Ion Ratio Lower Upper

149 100

91 67.3 59.5 89.3

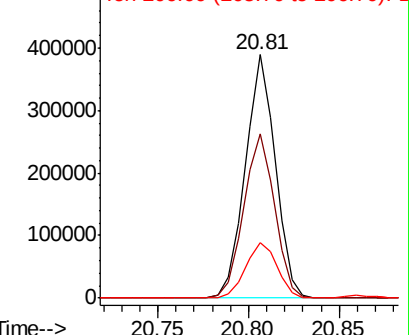
206 23.0 18.6 27.8

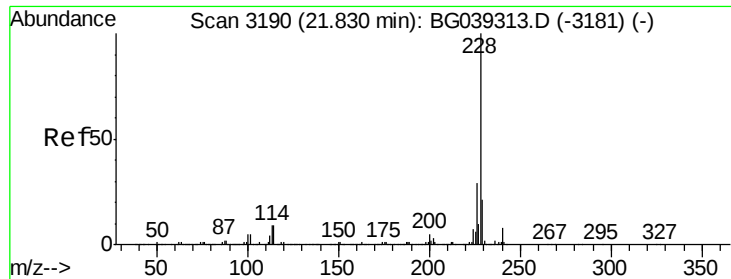


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





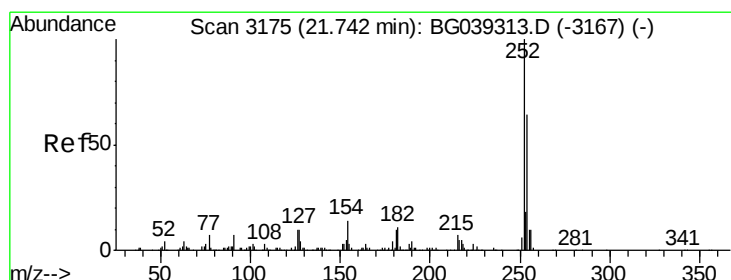
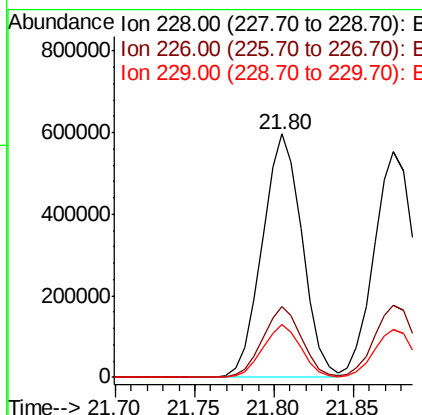
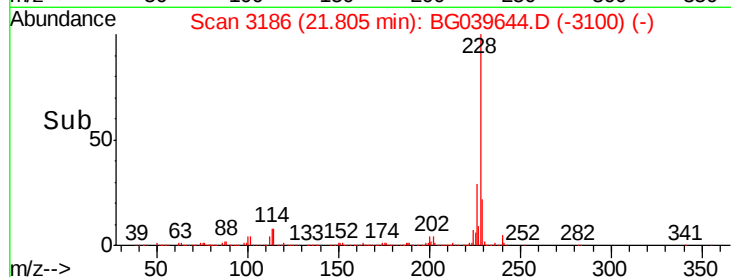
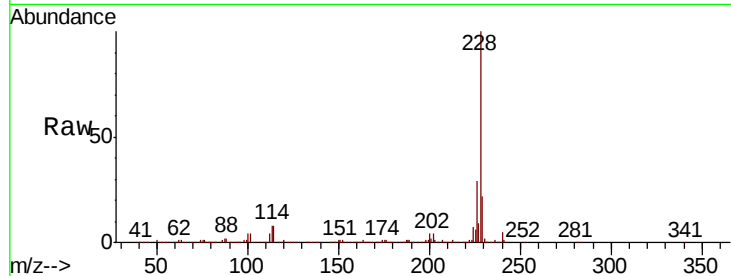
#81
Benzo(a)anthracene
Concen: 47.405 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	21.5	16.9	25.3

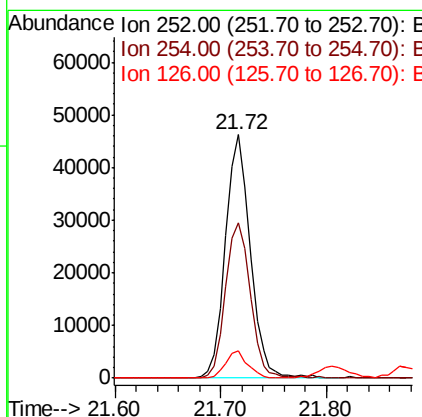
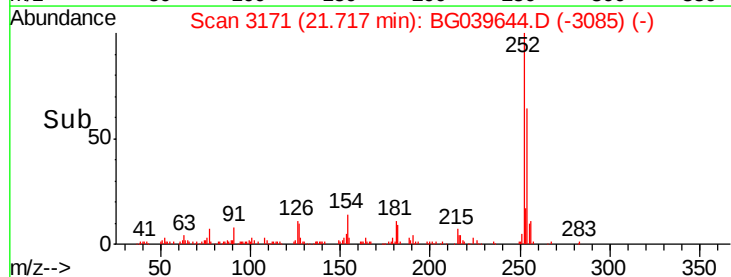
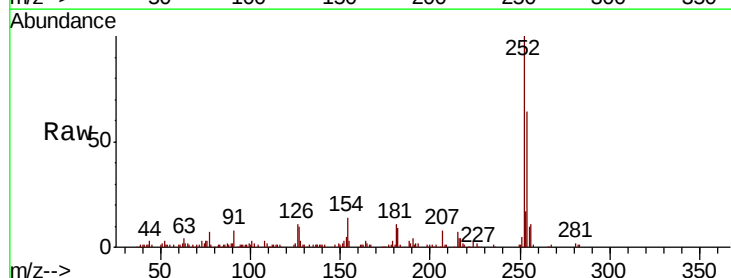
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#82
3,3'-Dichlorobenzidine
Concen: 9.260 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	11.5	8.0	12.0





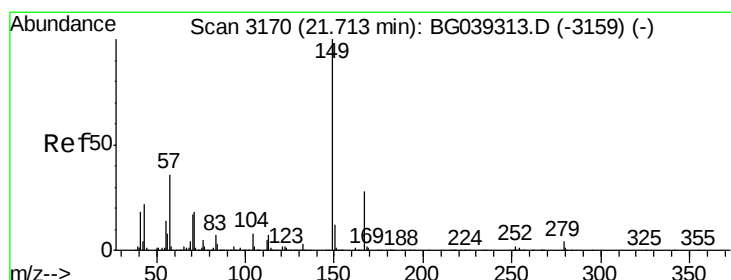
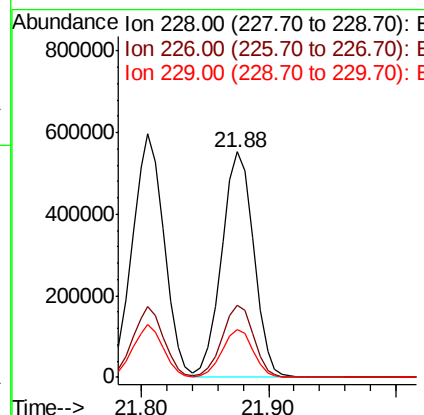
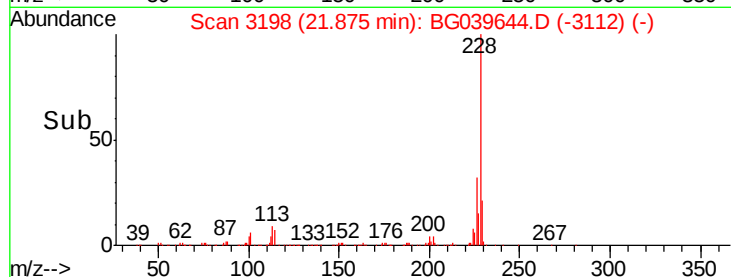
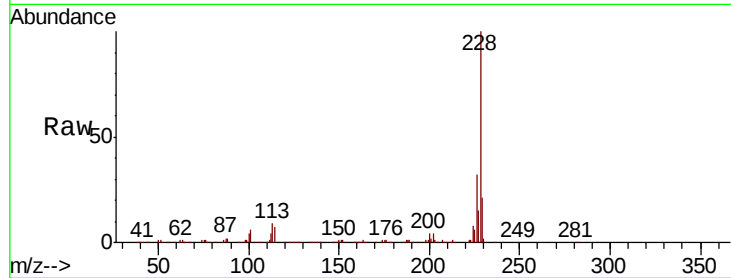
#83
 Chrysene
 Concen: 46.321 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.03 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022519MSD

Tot Ion:	228	Resp:	968382
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.8	38.6
229	21.2	16.6	25.0

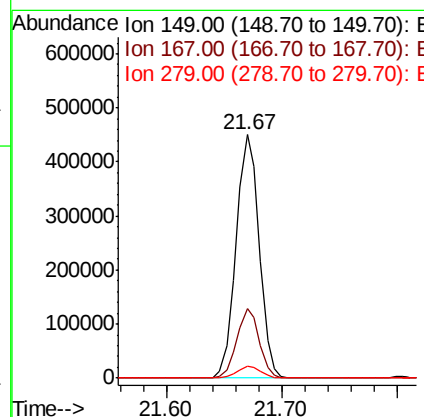
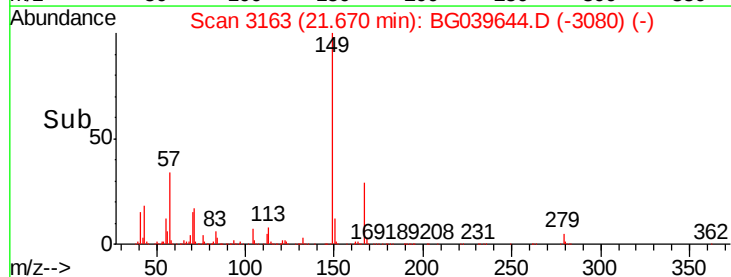
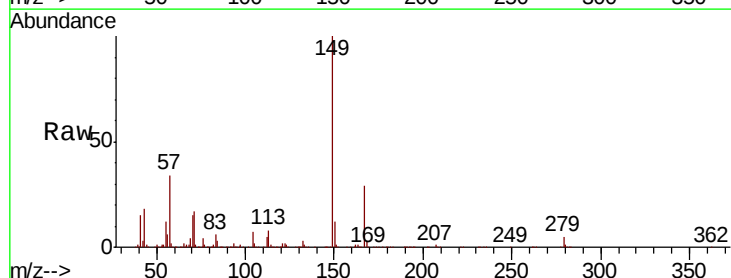
Manual Integrations
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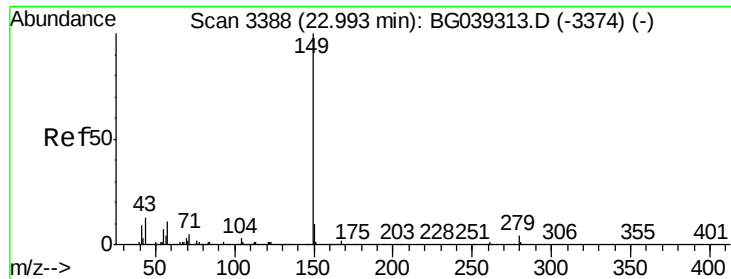
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.659 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039644.D
 Acq: 27 Feb 2019 21:16

Tgt Ion:	149	Resp:	621843
Ion Ratio	Lower	Upper	
149	100		
167	28.5	22.6	34.0
279	4.9	3.5	5.3





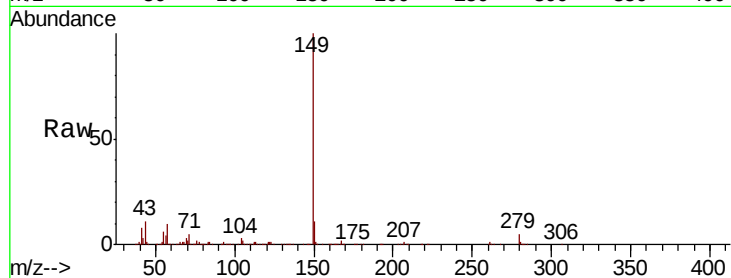
#85
Di-n-octyl phthalate
Concen: 45.674 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.8	10.2	15.4

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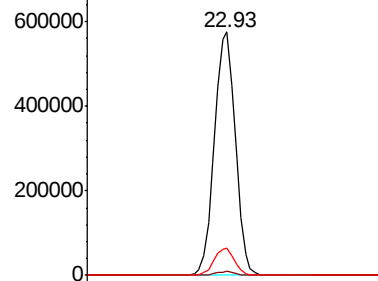


Abundance

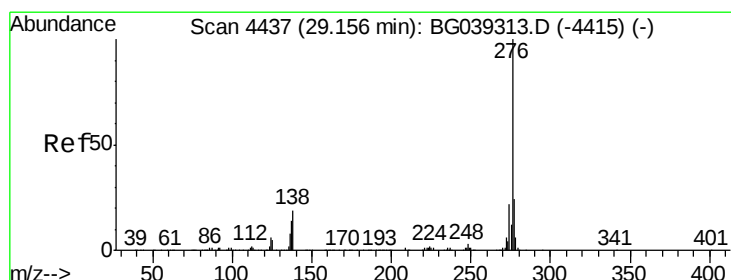
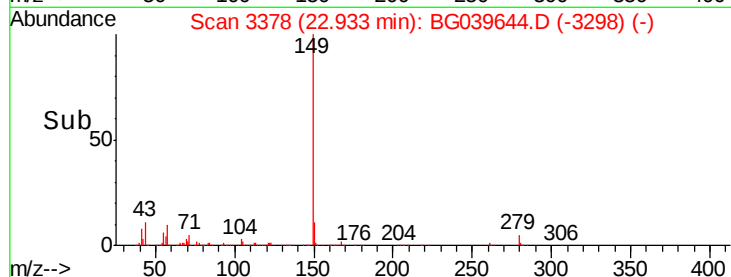
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

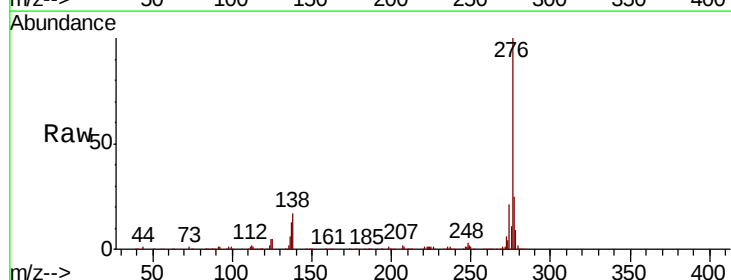


Time-->



#86
Indeno(1,2,3-cd)pyrene
Concen: 51.650 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.6	12.6	19.0
277	26.2	20.8	31.2

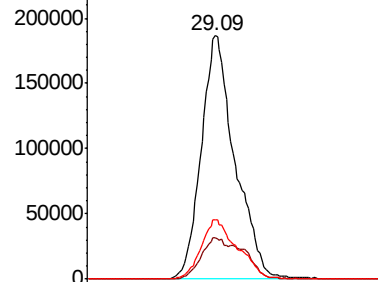


Abundance

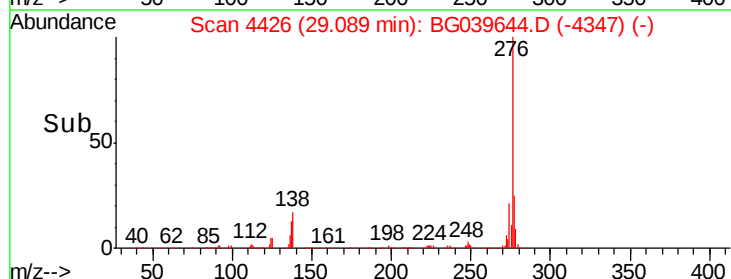
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

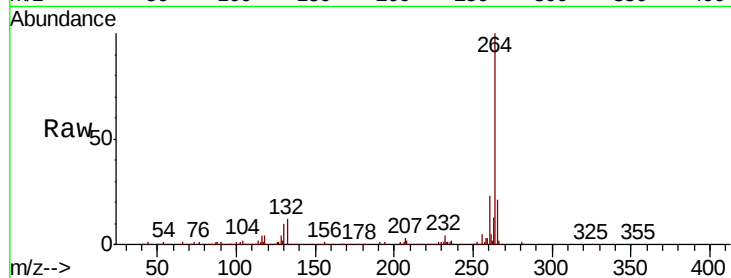
ClientSampleId :

OK-02-022519MSD

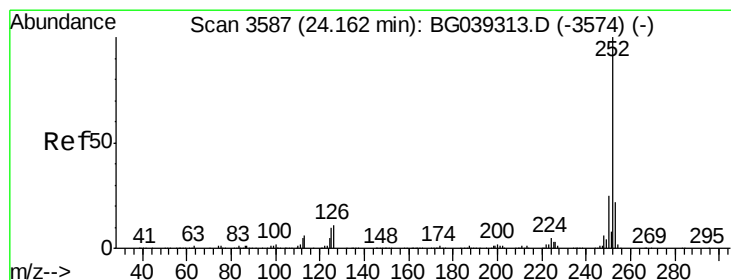
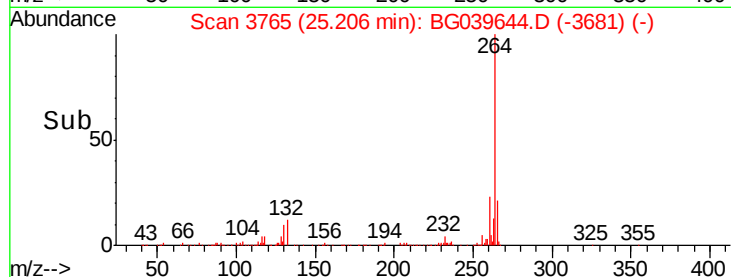
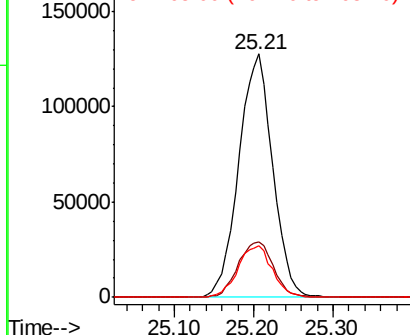
Tot Ion:	264	Resp:	377936
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.4
265	21.3	18.5	27.7

Manual Integrations
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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: 48.714 ng

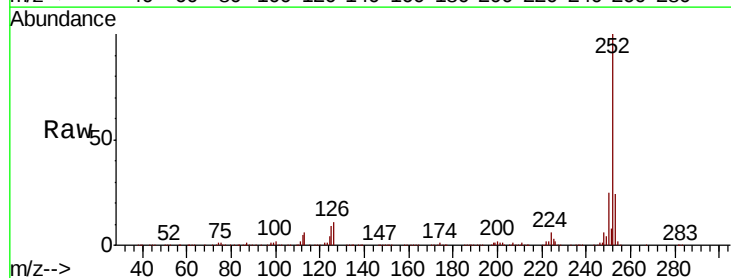
RT: 24.12 min Scan# 3580

Delta R.T. -0.04 min

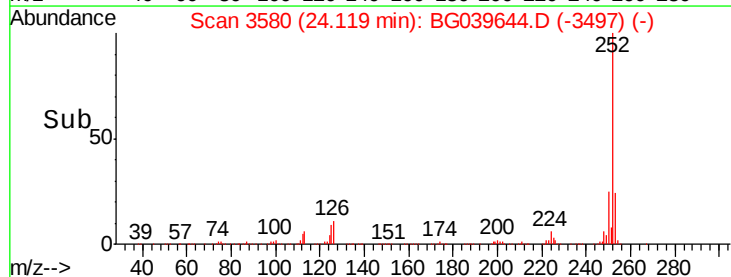
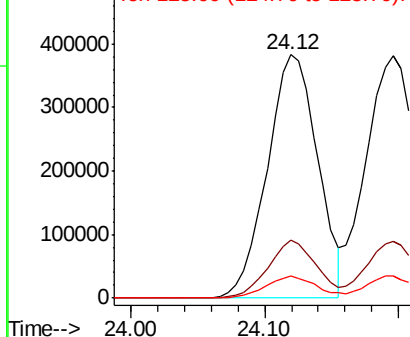
Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	252	Resp:	1004049
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.8
125	8.9	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: 47.841 ng

RT: 24.20 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Instrument :

BNA_G

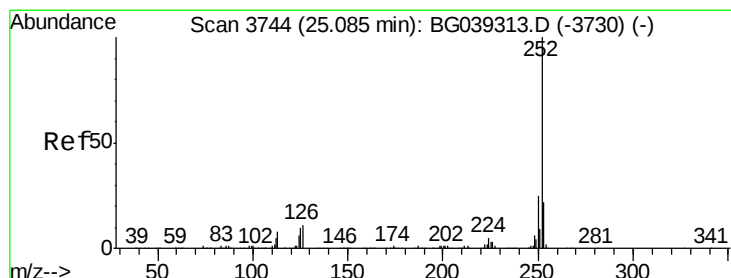
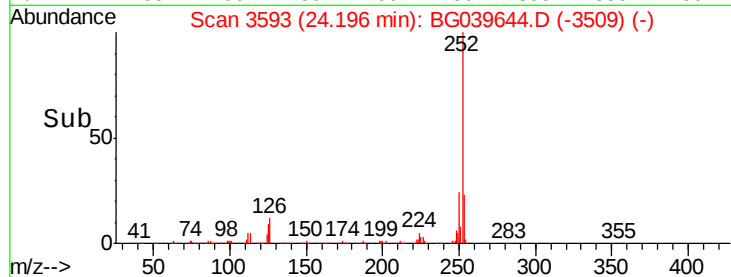
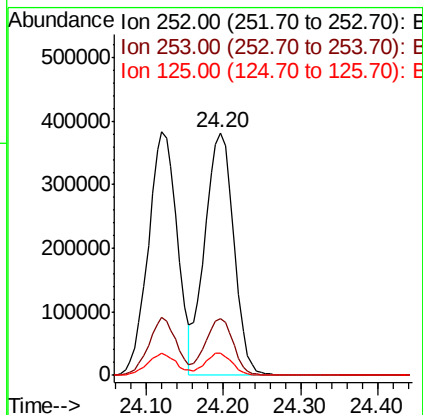
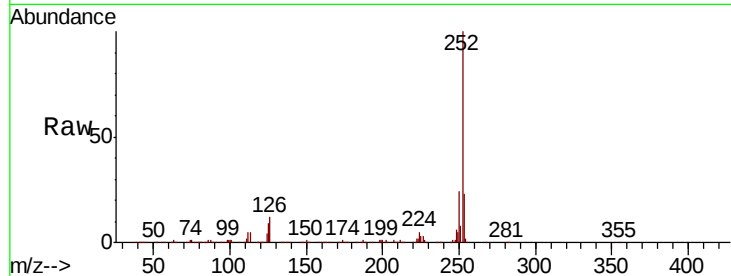
ClientSampleId :

OK-02-022519MSD

Tot Ion:	252	Resp:	989973
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	8.9	7.4	11.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 49.704 ng

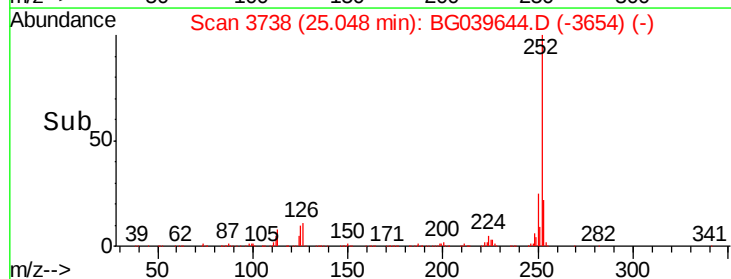
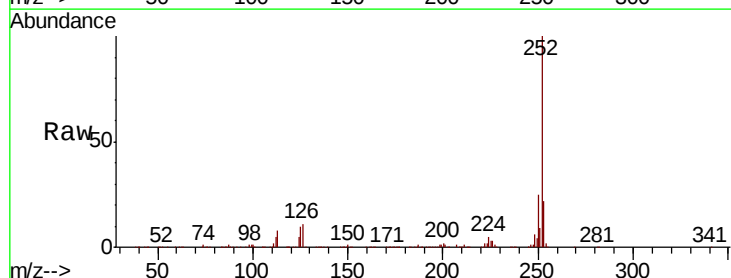
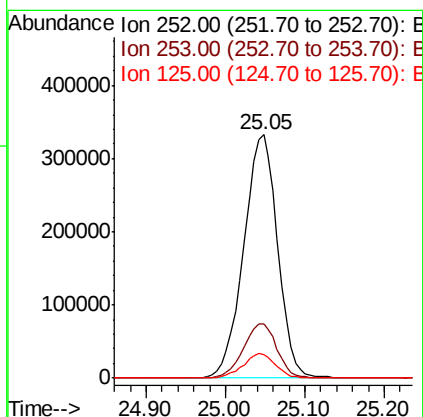
RT: 25.05 min Scan# 3738

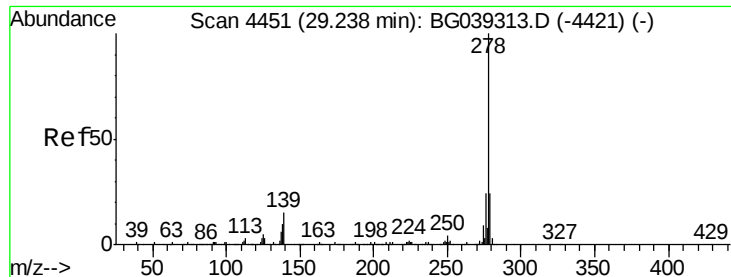
Delta R.T. -0.04 min

Lab File: BG039644.D

Acq: 27 Feb 2019 21:16

Tgt Ion:	252	Resp:	986629
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	9.6	8.3	12.5





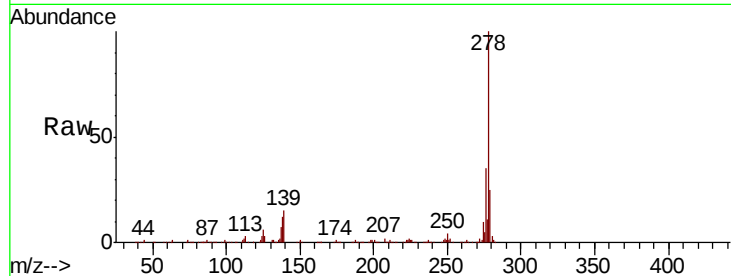
#91
Dibenzo(a,h)anthracene
Concen: 50.456 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Instrument :
BNA_G
ClientSampleId :
OK-02-022519MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.7	17.5
279	24.7	19.1	28.7

Manual Integrations
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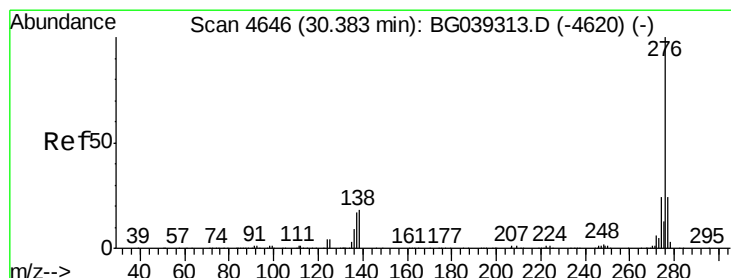
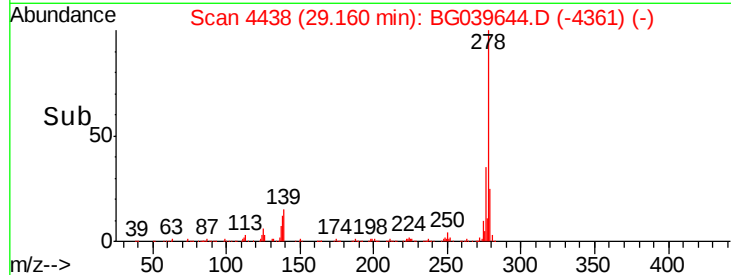
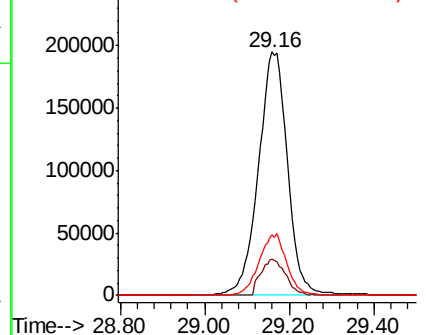


Abundance

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: 51.402 ng
RT: 30.32 min Scan# 4636
Delta R.T. -0.06 min
Lab File: BG039644.D
Acq: 27 Feb 2019 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	16.0	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

