

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
 Data File : BG040077.D
 Acq On : 21 Mar 2019 22:30
 Operator : JU/SJ
 Sample : K1989-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Manual Integrations
 APPROVED

Sohil
 3/22/2019 3:59:55 PM

Quant Time: Mar 22 04:08:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39121	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	171421	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	122738	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	295700	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	278424	20.00	ng	-0.02
87) Perylene-d12	25.16	264	288079	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	311840	135.99	ng	-0.02
7) Phenol-d6	7.29	99	424659	124.20	ng	-0.02
23) Nitrobenzene-d5	9.32	82	295034	93.08	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	211232	147.65	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	709514	82.31	ng	-0.02
79) Terphenyl-d14	20.11	244	1174102	92.85	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	33101	31.266	ng	# 22
3) Pyridine	3.99	79	90999	32.107	ng	95
4) n-Nitrosodimethylamine	3.90	42	51270	38.132	ng	88
6) Aniline	7.47	93	50529	11.280	ng	99
8) 2-Chlorophenol	7.71	128	122461	44.019	ng	94
9) Benzaldehyde	7.28	77	38652	17.525	ng	95
10) Phenol	7.32	94	144572	39.030	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	120346	41.672	ng	99
12) 1,3-Dichlorobenzene	8.03	146	127430	40.501	ng	94
13) 1,4-Dichlorobenzene	8.18	146	128966	40.241	ng	97
14) 1,2-Dichlorobenzene	8.50	146	126621	40.892	ng	98
15) Benzyl Alcohol	8.39	79	118042	43.521	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	222472	38.517	ng	96
17) 2-Methylphenol	8.58	107	107280	45.422	ng	95
18) Hexachloroethane	9.23	117	46639	40.557	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	100267	40.742	ng	92
20) 3+4-Methylphenols	8.91	107	148838	45.361	ng	98
22) Acetophenone	8.97	105	193485	42.054	ng	# 96
24) Nitrobenzene	9.37	77	147410	44.333	ng	97
25) Isophorone	9.88	82	295651	44.518	ng	98
26) 2-Nitrophenol	10.07	139	72711	45.291	ng	97
27) 2,4-Dimethylphenol	10.11	122	129405	51.828	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	176537	43.742	ng	98
29) 2,4-Dichlorophenol	10.61	162	142636	50.739	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	140216	44.326	ng	98
31) Naphthalene	11.01	128	402320	44.328	ng	99
32) Benzoic acid	10.23	122	27574	20.472	ng	92
33) 4-Chloroaniline	11.14	127	9411	2.445	ng	97
34) Hexachlorobutadiene	11.28	225	91882	42.506	ng	96
35) Caprolactam	11.91	113	36760m	34.232	ng	
36) 4-Chloro-3-methylphenol	12.23	107	154936	48.079	ng	98
37) 2-Methylnaphthalene	12.60	142	307917	45.379	ng	97
38) 1-Methylnaphthalene	12.83	142	296683	44.992	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	174508	41.969	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	194603	87.332	nq	100
43) 2,4,6-Trichlorophenol	13.21	196	120138	49.351	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	128444	46.810	nq	99
46) 1,1'-Biphenyl	13.60	154	423188	41.920	nq	98
47) 2-Chloronaphthalene	13.66	162	326762	43.027	nq	98
48) 2-Nitroaniline	13.86	65	112050	45.911	nq	96
49) Acenaphthylene	14.50	152	532803	42.737	nq	99
50) Dimethylphthalate	14.22	163	453042	44.142	nq	99
51) 2,6-Dinitrotoluene	14.35	165	101938	46.852	nq	96
52) Acenaphthene	14.84	154	324823	43.289	nq	98
53) 3-Nitroaniline	14.68	138	16979	7.763	nq	93
54) 2,4-Dinitrophenol	14.89	184	47299	37.463	nq	97
55) Dibenzofuran	15.17	168	537634	43.671	nq	97
56) 4-Nitrophenol	14.98	139	137056	70.051	nq	92
57) 2,4-Dinitrotoluene	15.14	165	143258	46.859	nq	# 84
58) Fluorene	15.81	166	426033	44.020	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	128788	48.059	nq	97
60) Diethylphthalate	15.57	149	458695	45.148	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	224491	43.468	nq	98
62) 4-Nitroaniline	15.85	138	96181	40.564	nq	95
63) Azobenzene	16.09	77	405711	44.053	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	51417	29.408	nq	92
66) n-Nitrosodiphenylamine	16.02	169	394145	46.042	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	148130	44.754	nq	95
68) Hexachlorobenzene	16.81	284	154306	44.975	nq	95
69) Atrazine	16.96	200	155361	46.113	nq	96
70) Pentachlorophenol	17.16	266	156125	72.053	nq	98
71) Phenanthrene	17.56	178	712982	43.775	nq	99
72) Anthracene	17.65	178	726493	45.772	nq	98
73) Carbazole	17.92	167	623402	43.568	nq	98
74) Di-n-butylphthalate	18.45	149	760027	45.145	nq	100
75) Fluoranthene	19.56	202	831163	43.180	nq	99
77) Benzidine	19.74	184	51029	5.776	nq	99
78) Pyrene	19.92	202	831726	45.972	nq	99
80) Butylbenzylphthalate	20.79	149	337085	48.091	nq	94
81) Benzo(a)anthracene	21.78	228	776720	44.512	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	81420	12.780	nq	99
83) Chrysene	21.85	228	742881	43.913	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	468152	47.529	nq	100
85) Di-n-octyl phthalate	22.90	149	803165	49.246	nq	# 94
86) Indeno(1,2,3-cd)pyrene	29.03	276	886837	46.210	nq	# 96
88) Benzo(b)fluoranthene	24.09	252	786281	45.771	nq	98
89) Benzo(k)fluoranthene	24.16	252	744021	46.528	nq	99
90) Benzo(a)pyrene	25.01	252	757594	47.725	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	720279	46.284	nq	96
92) Benzo(g,h,i)perylene	30.26	276	733417	46.925	nq	96

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

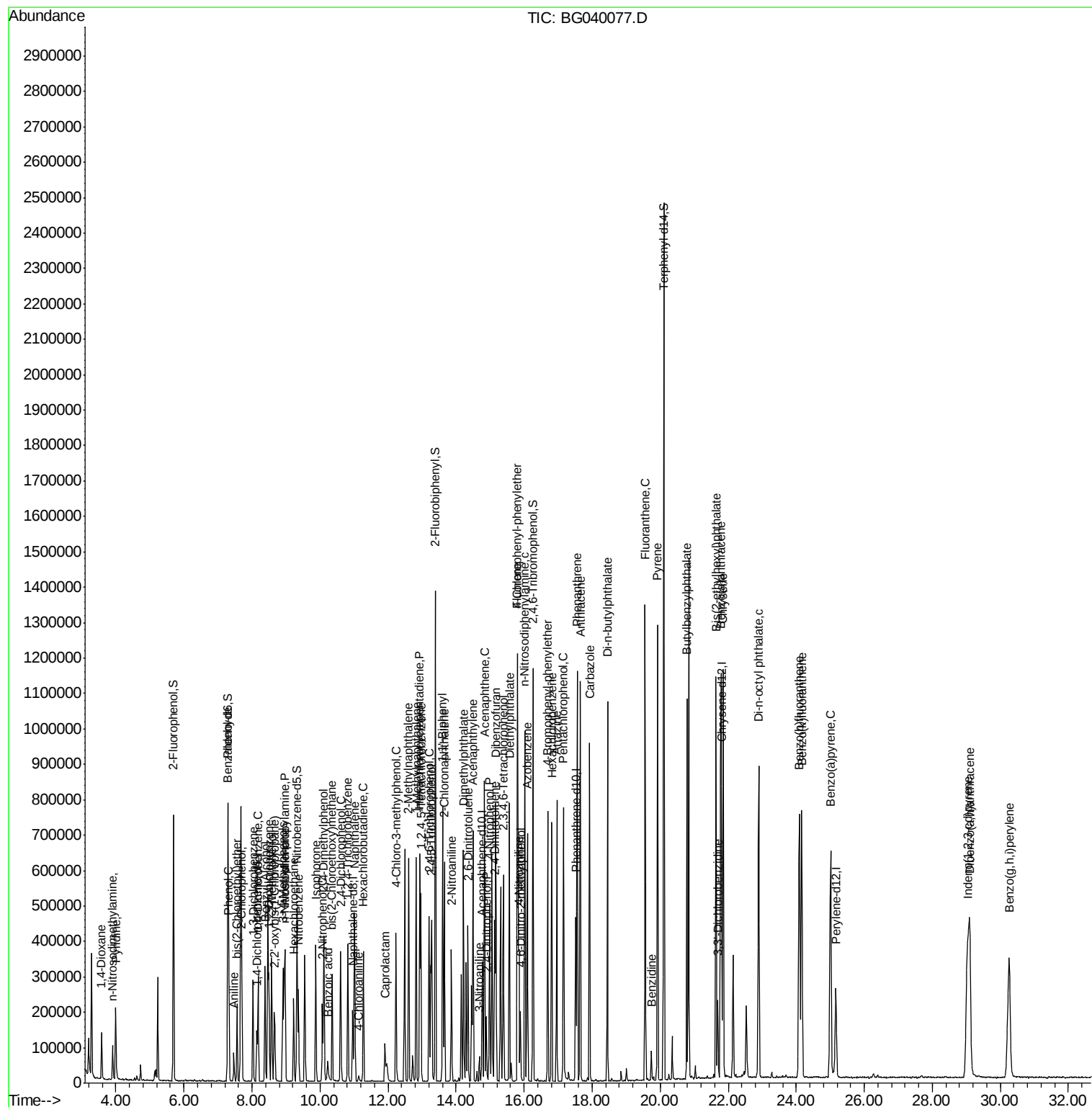
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
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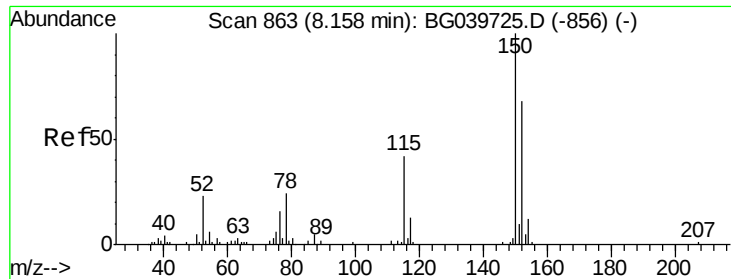
Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

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#1

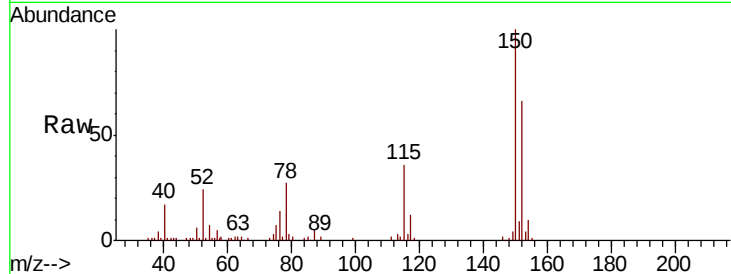
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.7	185.5
115	54.7	45.9	68.9

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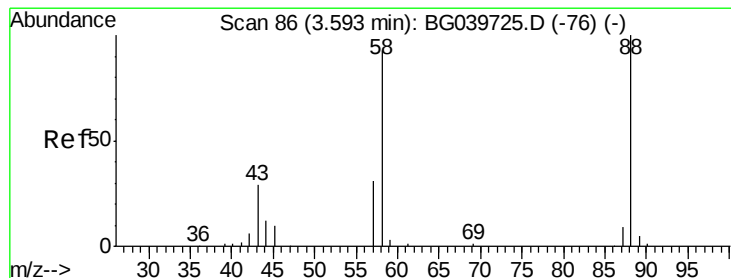
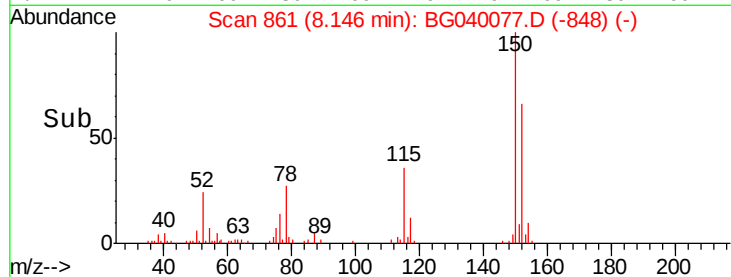
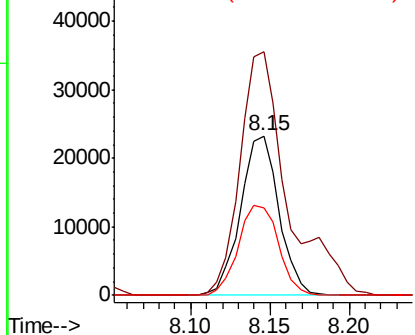


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

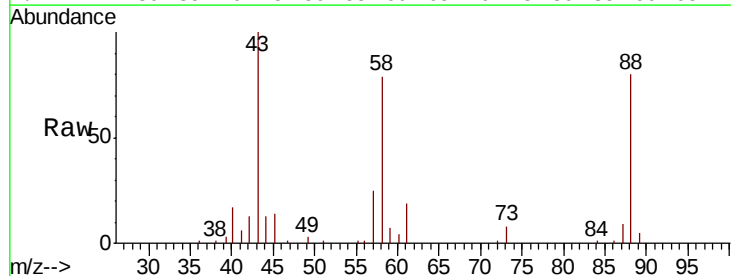
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.266 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.1	81.1	121.7
43	204.0	31.4	47.0

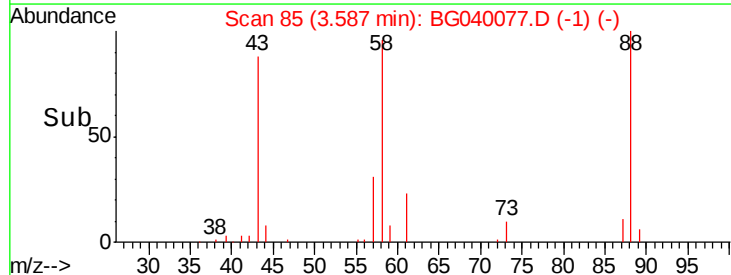
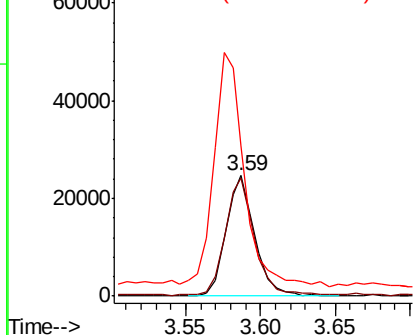


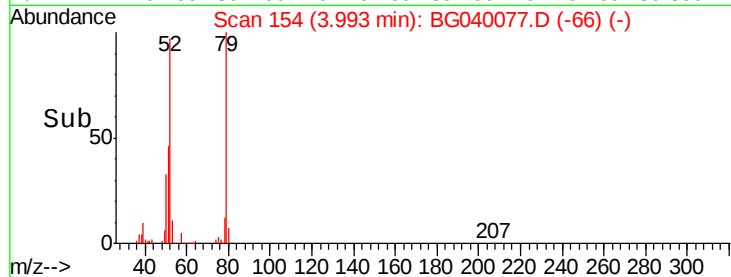
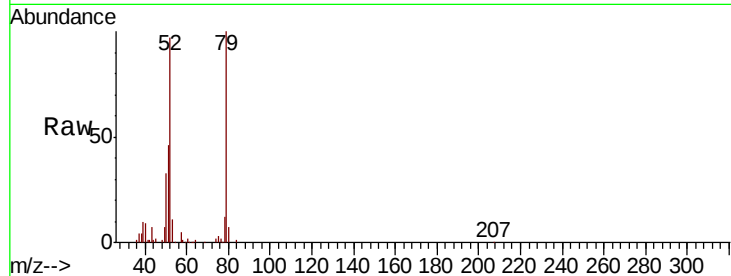
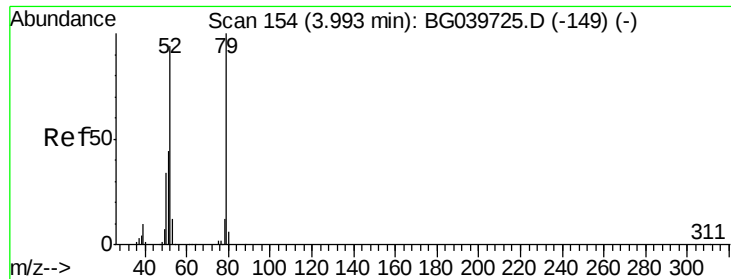
Abundance

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: 32.107 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

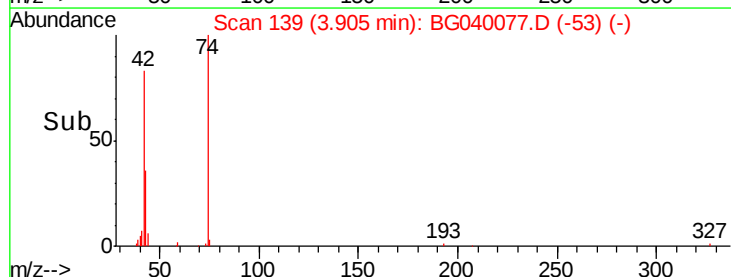
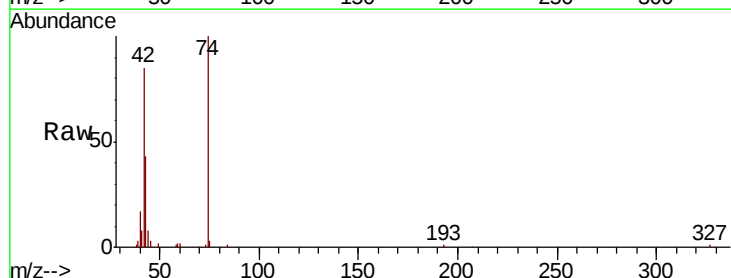
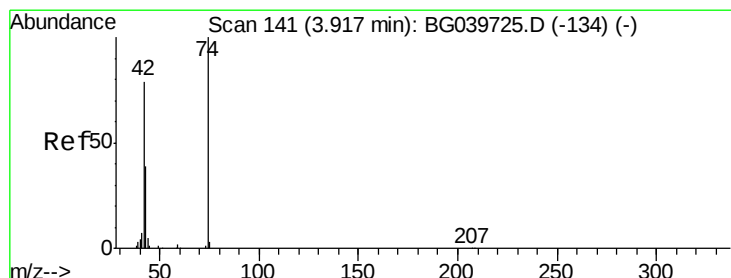
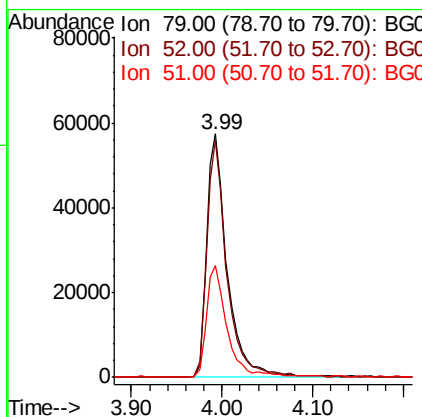
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	79	Resp:	90999
Ion Ratio	Lower	Upper	
79	100		
52	97.2	82.6	124.0
51	45.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.132 ng

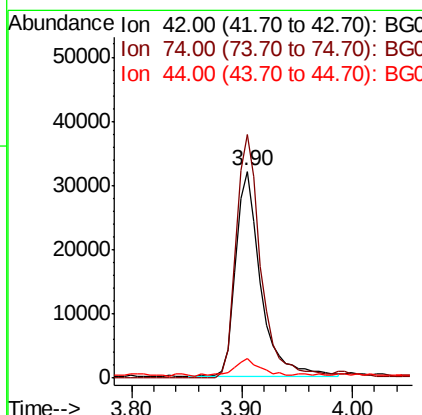
RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	42	Resp:	51270
Ion Ratio	Lower	Upper	
42	100		
74	117.9	83.6	125.4
44	9.4	6.9	10.3





#5

2-Fluorophenol

Concen: 135.989 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

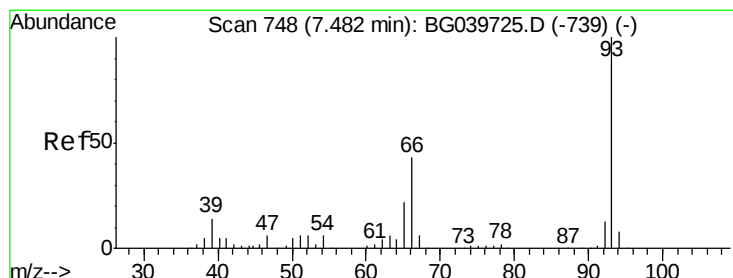
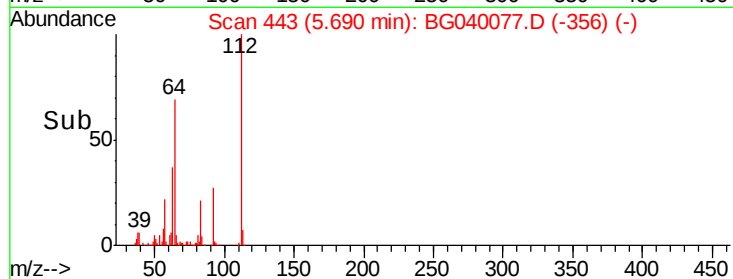
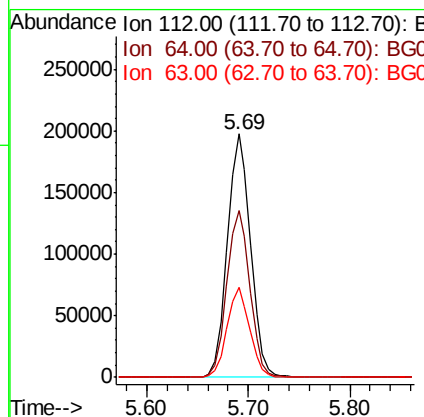
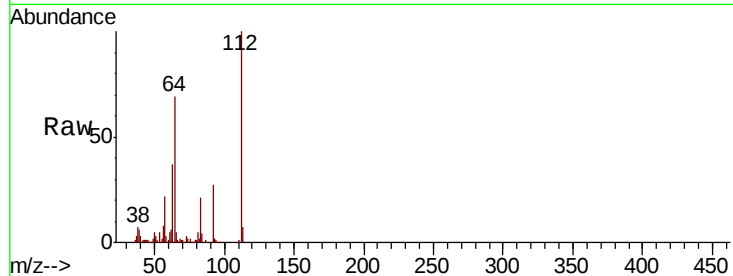
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	112	Resp:	311840
Ion Ratio	Lower	Upper	
112	100		
64	68.5	57.8	86.8
63	36.8	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 11.280 ng

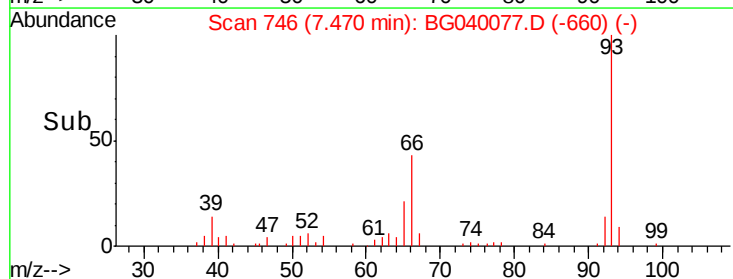
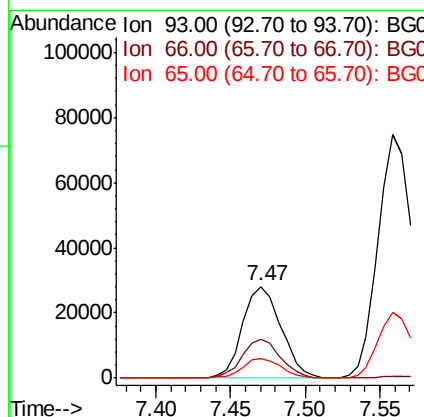
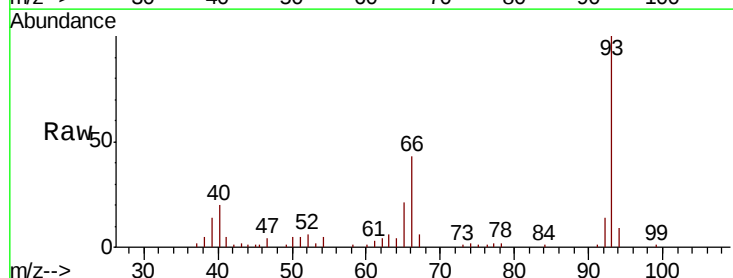
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	93	Resp:	50529
Ion Ratio	Lower	Upper	
93	100		
66	42.7	34.2	51.4
65	20.7	17.7	26.5





#7

Phenol-d6

Concen: 124.199 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

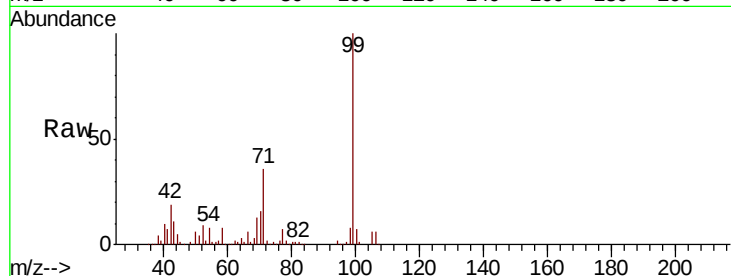
ClientSampleId :

DRUM-1-2MSD

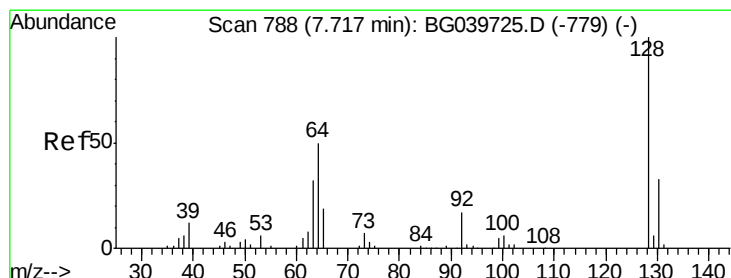
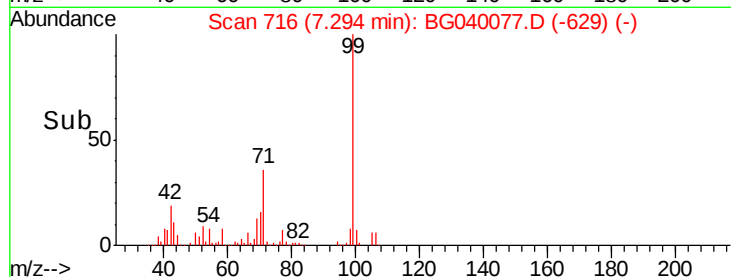
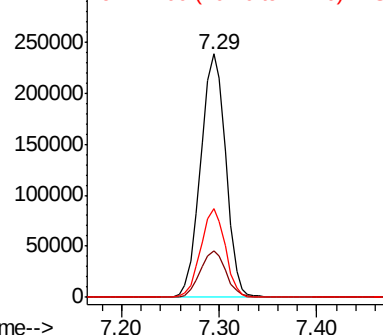
Tot Ion:	99	Resp:	424659
Ion Ratio	Lower	Upper	
99	100		
42	18.9	18.2	27.2
71	36.2	28.0	42.0

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.019 ng

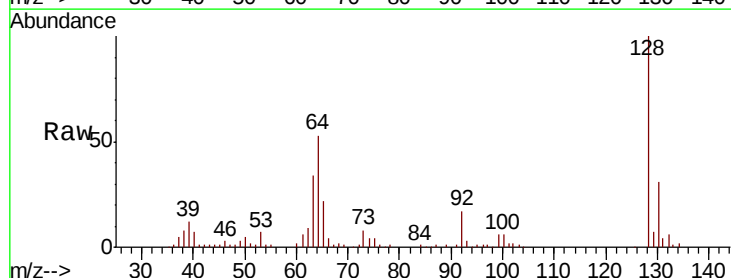
RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

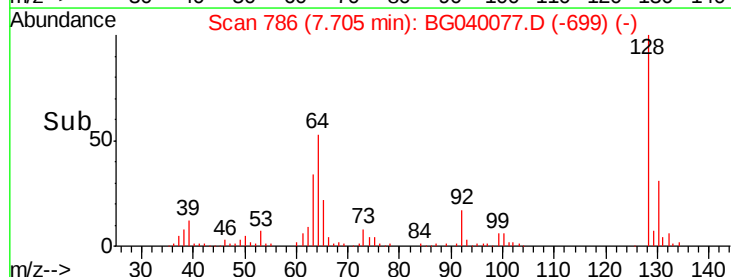
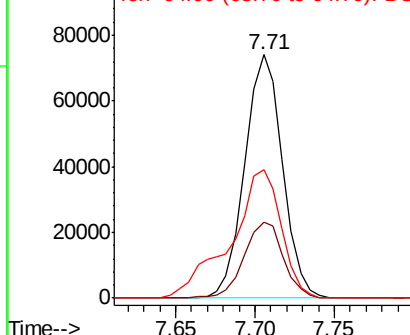
Lab File: BG040077.D

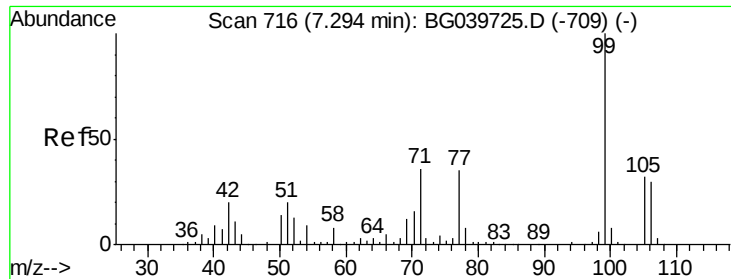
Acq: 21 Mar 2019 22:30

Tgt Ion:	128	Resp:	122461
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	52.7	38.7	78.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.525 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

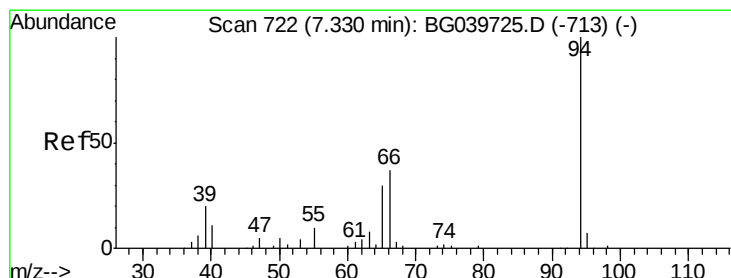
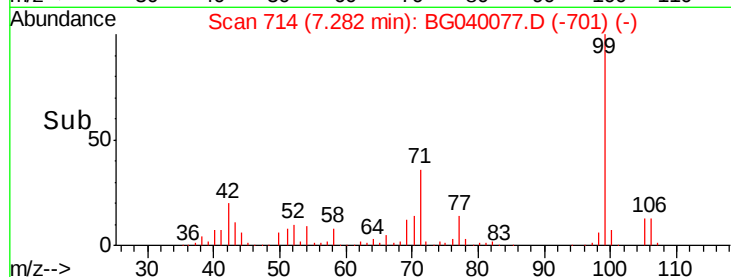
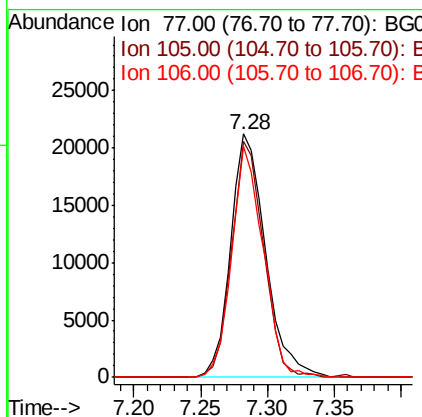
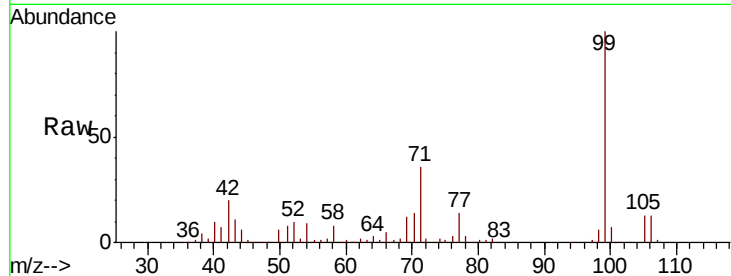
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	77	Resp:	38652
Ion	Ratio	Lower	Upper
77	100		
105	96.9	74.5	114.5
106	94.8	68.0	108.0

Manual Integrations
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#10

Phenol

Concen: 39.030 ng

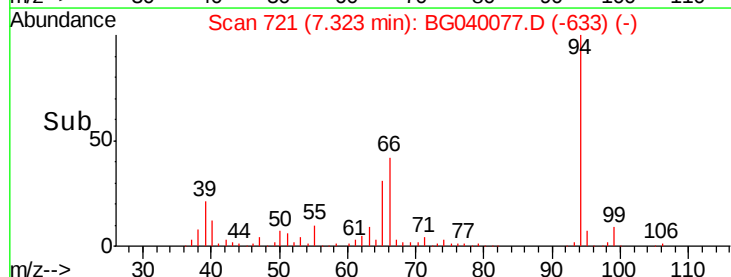
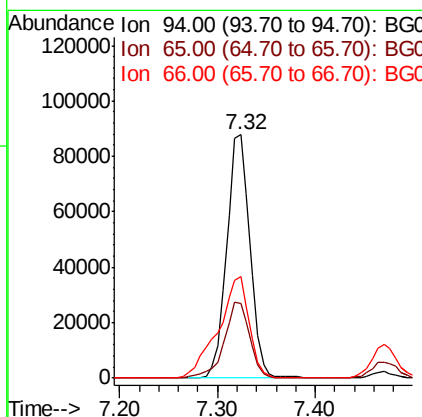
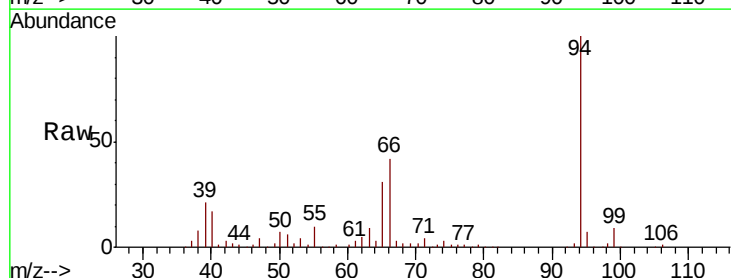
RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	94	Resp:	144572
Ion	Ratio	Lower	Upper
94	100		
65	30.7	11.7	51.7
66	41.5	23.7	63.7





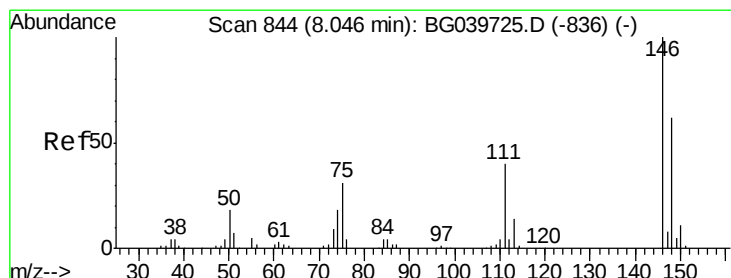
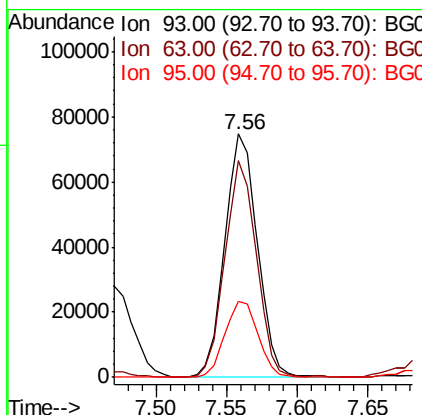
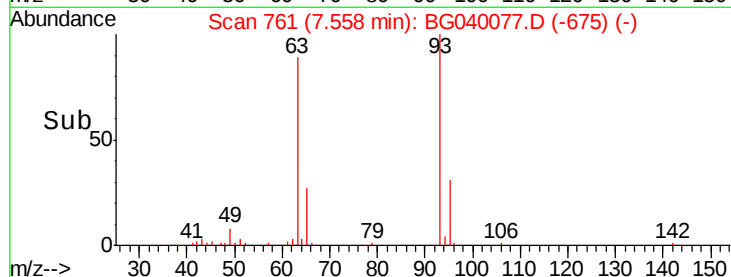
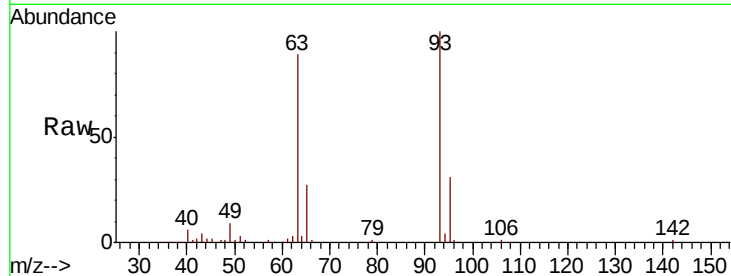
#11
bis(2-Chloroethyl)ether
Concen: 41.672 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.8	69.5	109.5
95	31.2	12.7	52.7

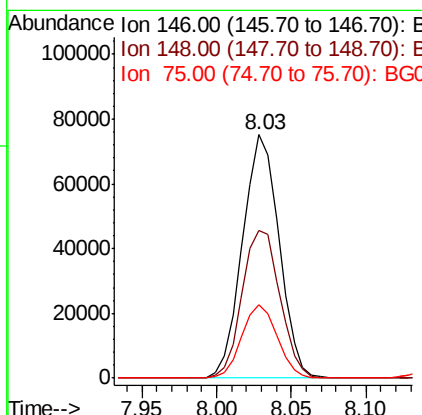
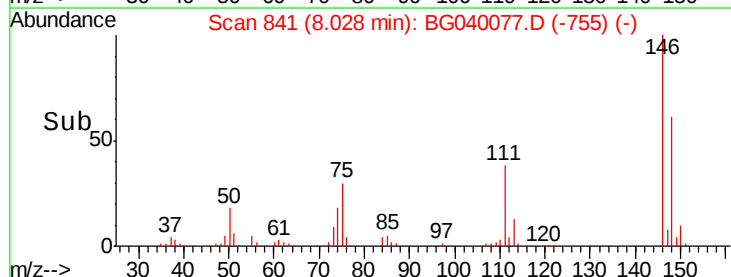
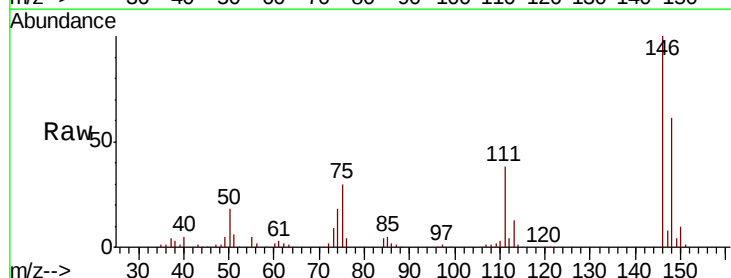
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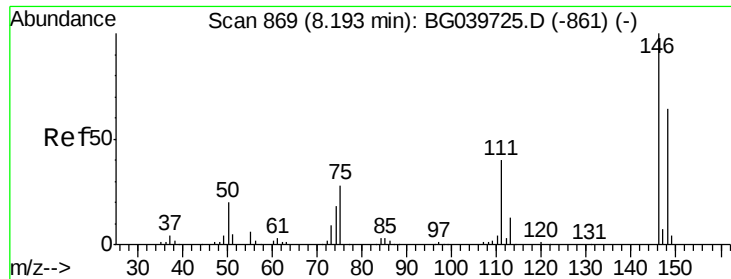
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#12
1,3-Dichlorobenzene
Concen: 40.501 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	52.6	79.0
75	29.9	25.8	38.6





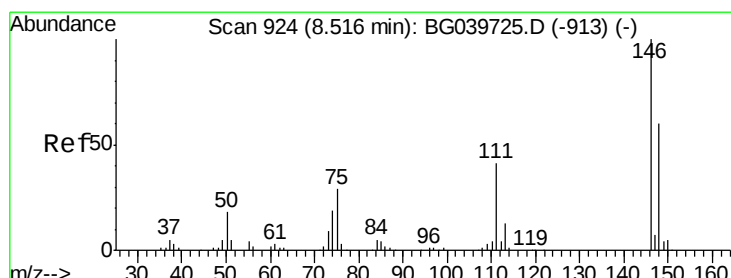
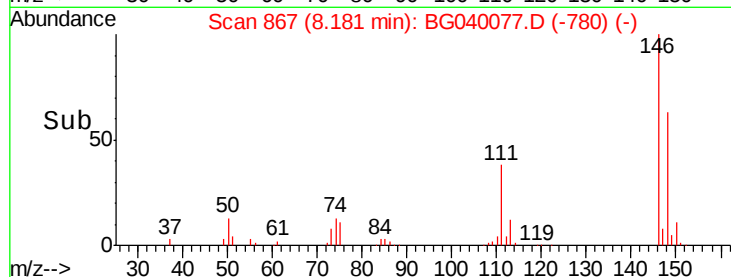
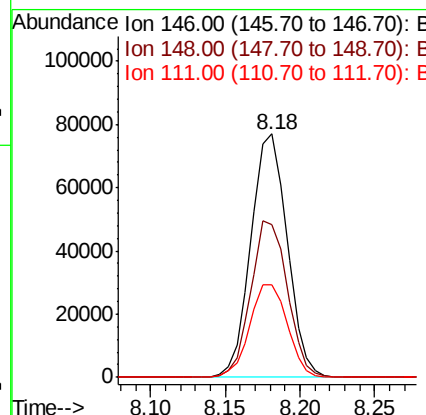
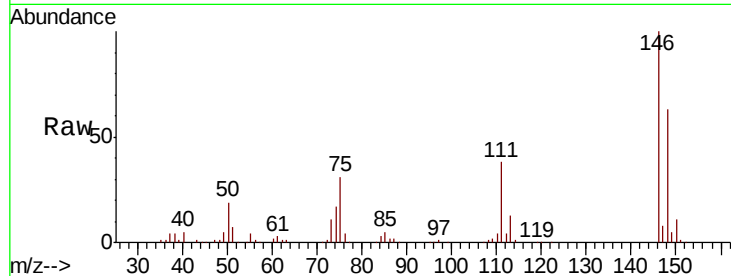
#13
 1,4-Dichlorobenzene
 Concen: 40.241 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	37.9	32.6	48.8

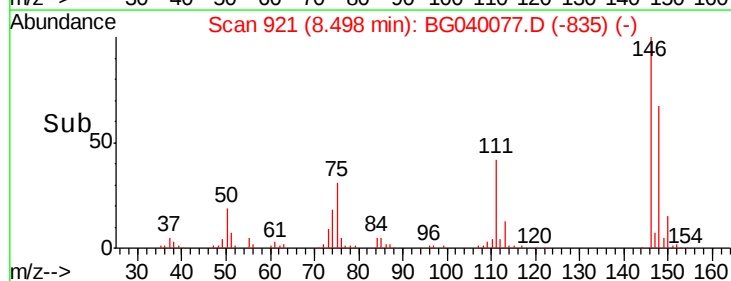
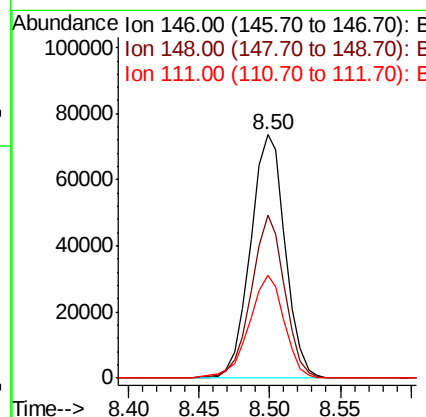
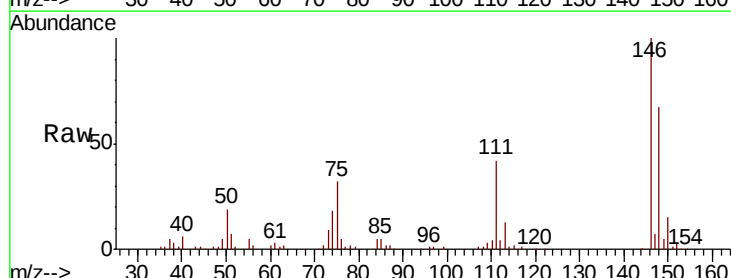
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#14
 1,2-Dichlorobenzene
 Concen: 40.892 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.5	77.3
111	42.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.521 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

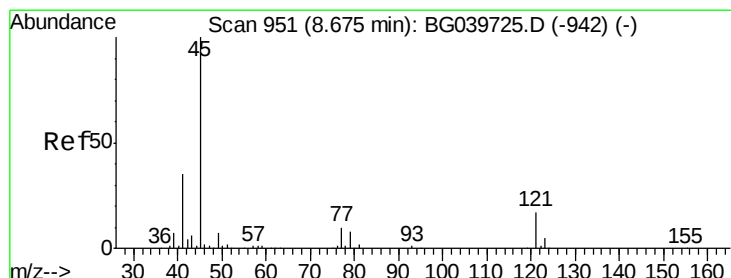
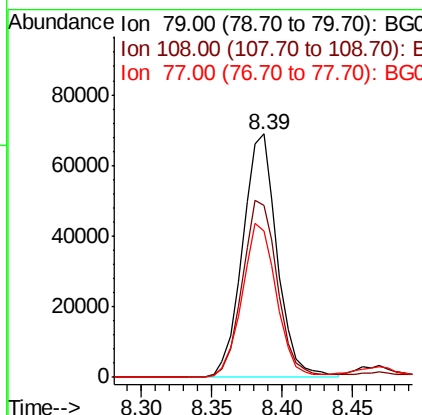
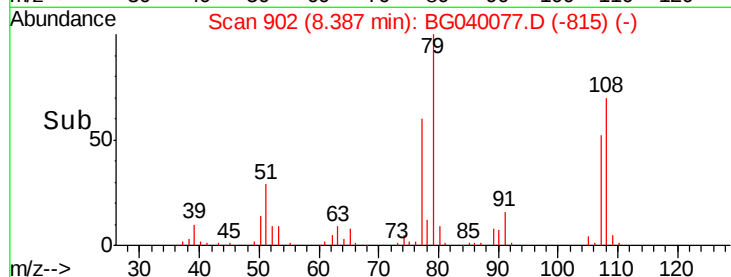
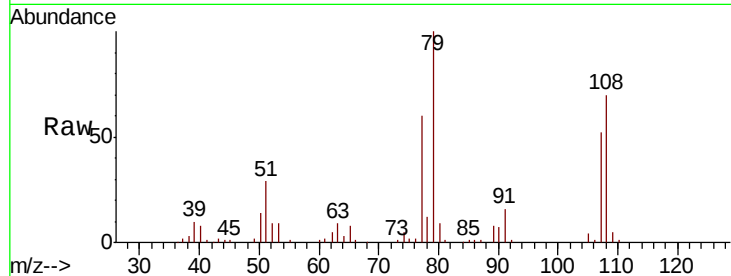
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	79	Resp:	118042
Ion Ratio	Lower	Upper	
79	100		
108	70.4	57.8	86.6
77	60.3	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.517 ng

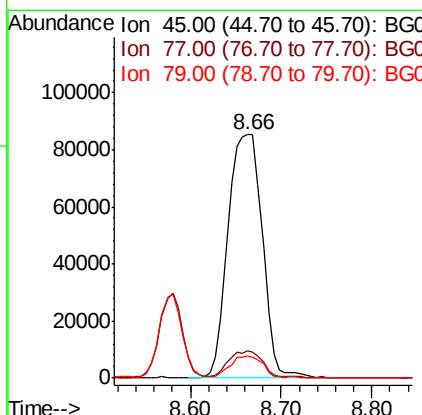
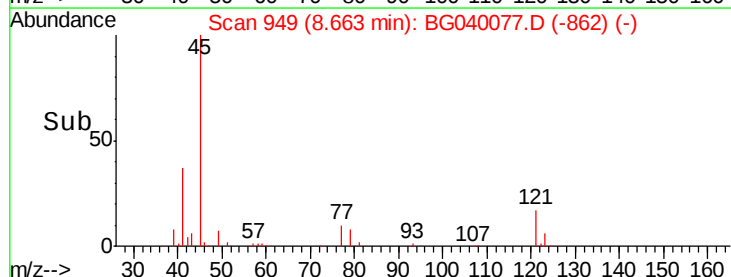
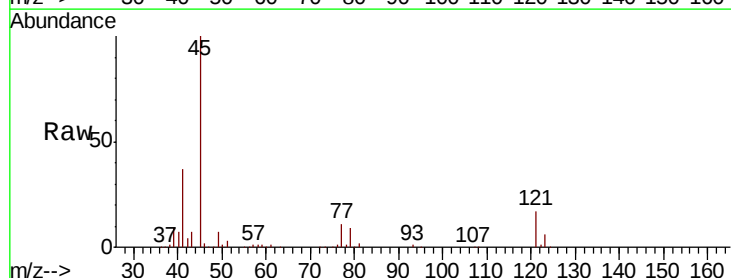
RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	45	Resp:	222472
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	30.0
79	9.0	0.0	27.5





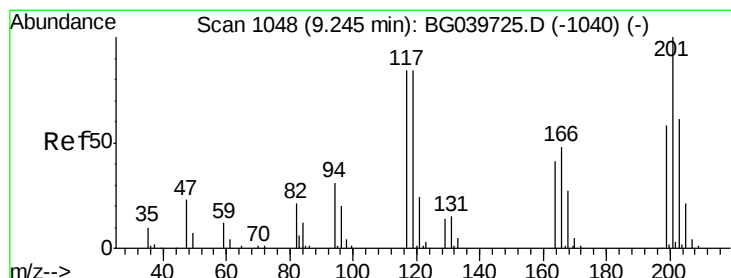
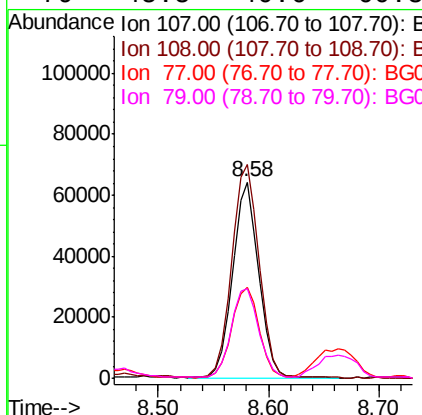
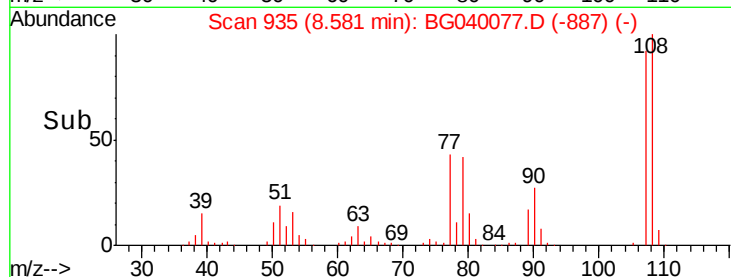
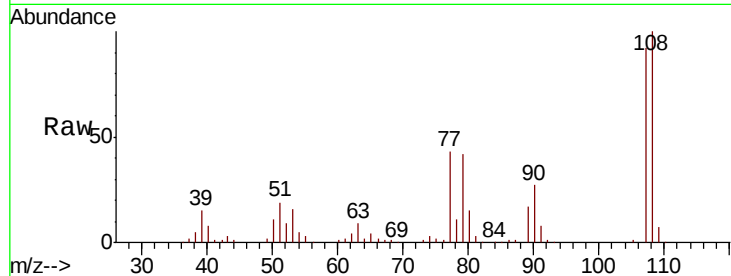
#17
2-Methylphenol
Concen: 45.422 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	90.8	136.2	
77	46.6	40.7	61.1	
79	45.5	40.6	60.8	

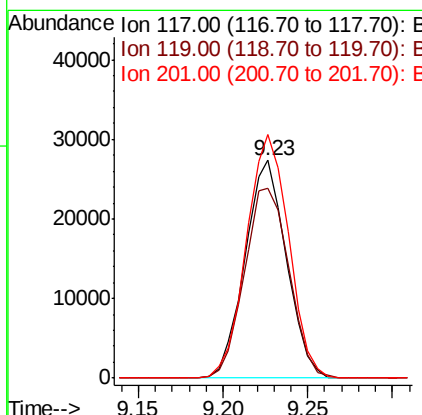
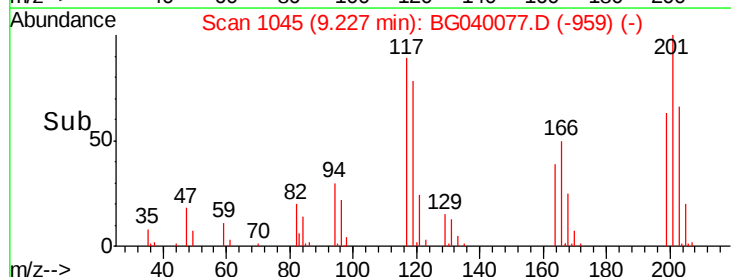
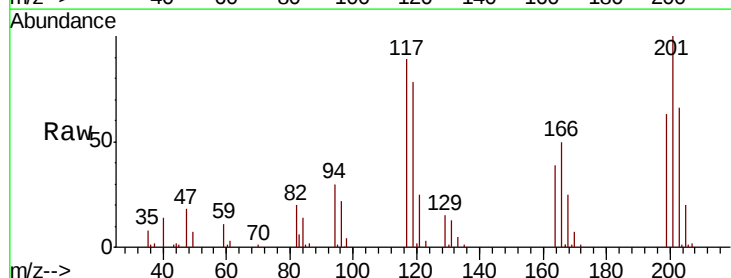
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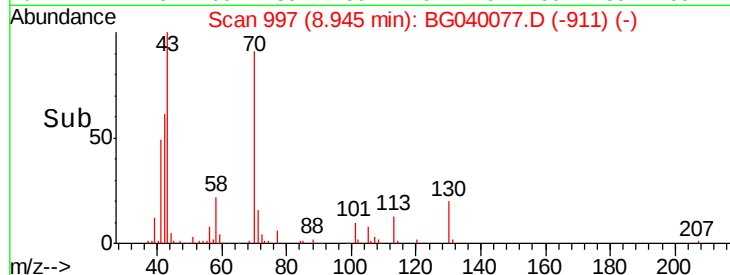
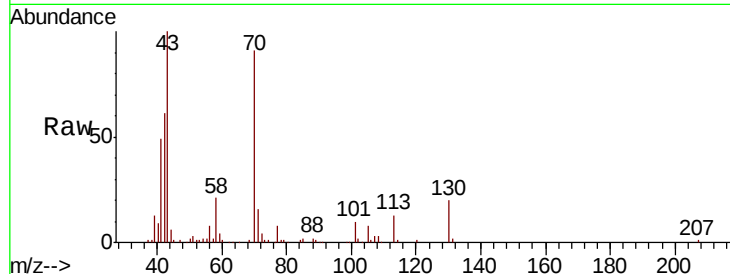
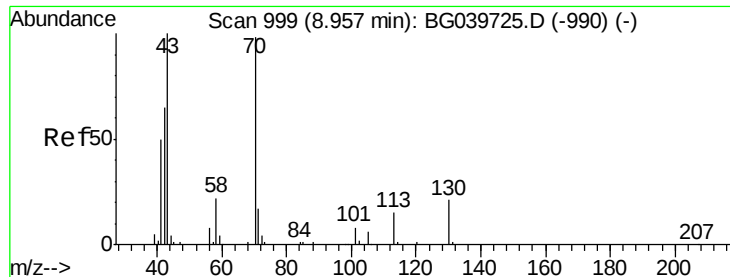
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#18
Hexachloroethane
Concen: 40.557 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.0	76.3	114.5	
201	111.7	91.1	136.7	





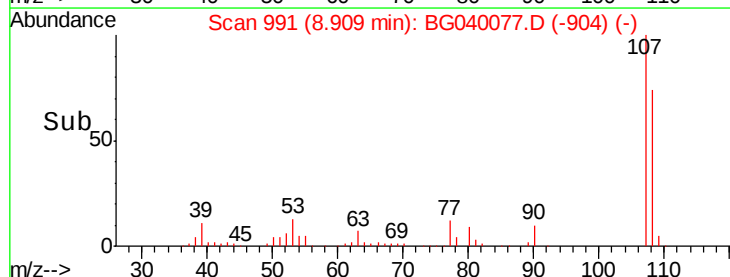
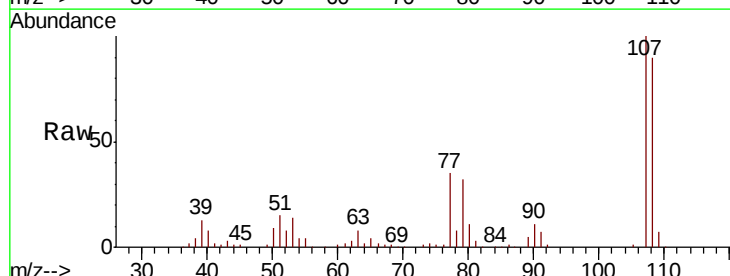
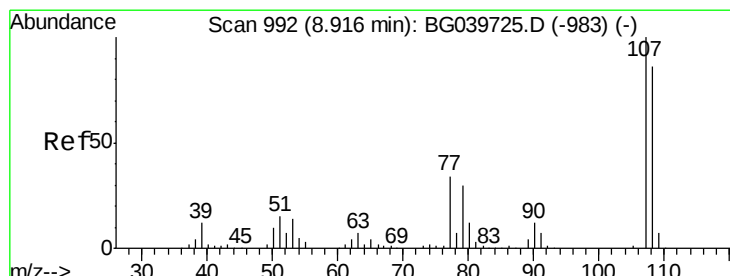
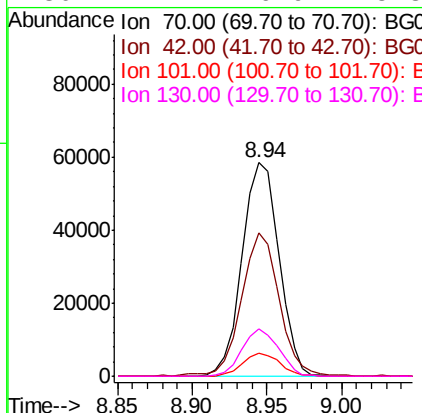
#19
n-Nitroso-di-n-propylamine
Concen: 40.742 ng
RT: 8.94 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.0	60.4	90.6	
101	10.7	7.5	11.3	
130	22.2	16.9	25.3	

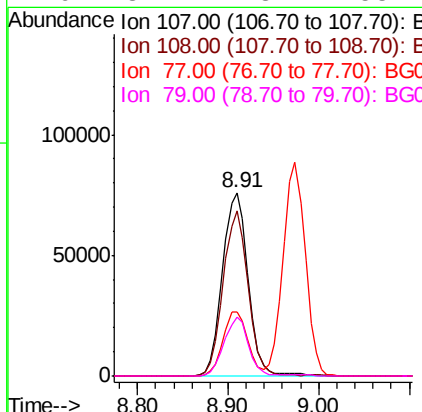
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#20
3+4-Methylphenols
Concen: 45.361 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	67.9	107.9	
77	34.7	15.4	55.4	
79	32.2	13.7	53.7	





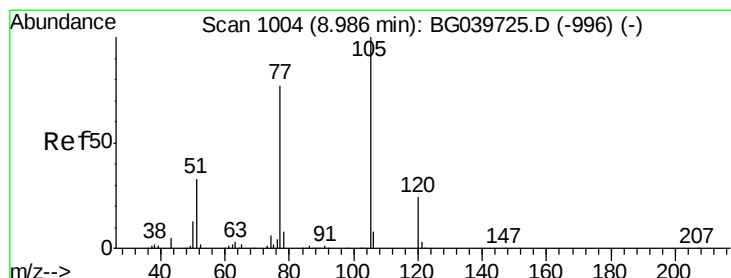
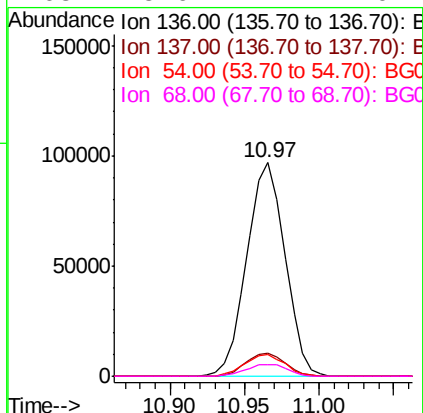
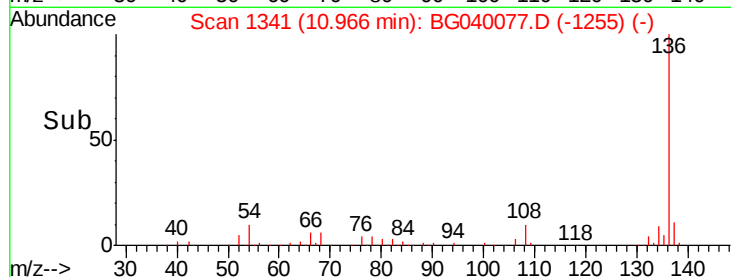
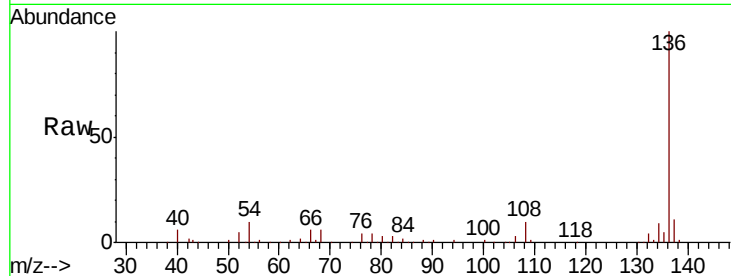
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	171421		
137	10.7		9.1	13.7
54	10.0		9.4	14.2
68	5.6		4.2	6.4

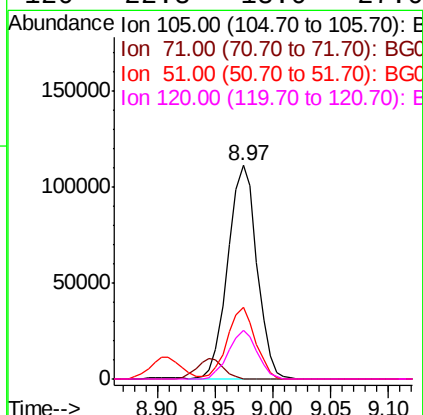
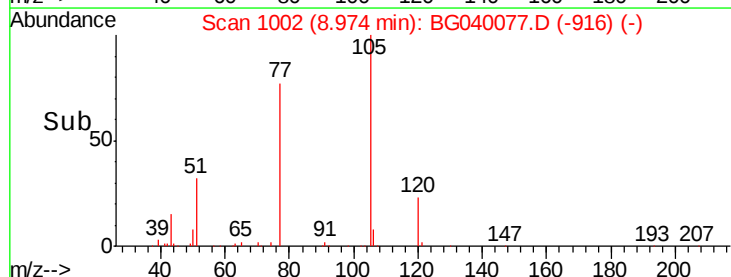
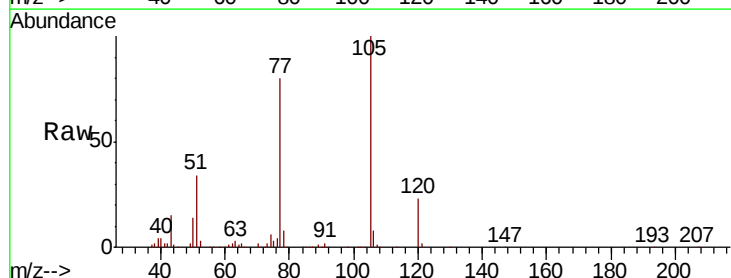
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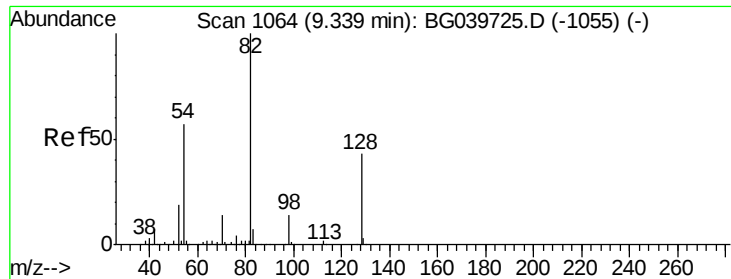
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#22
Acetophenone
Concen: 42.054 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193485		
71	0.2		0.8	1.2#
51	33.7		30.2	45.2
120	22.8		18.0	27.0





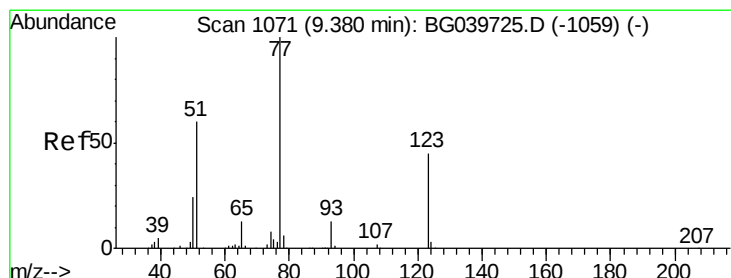
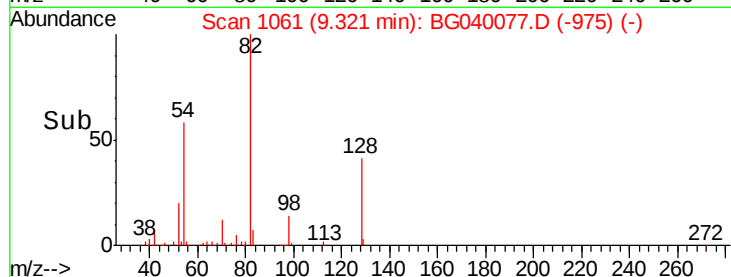
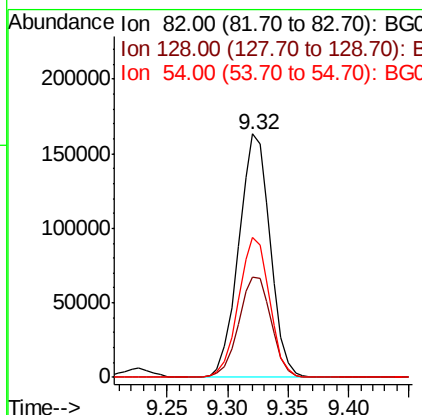
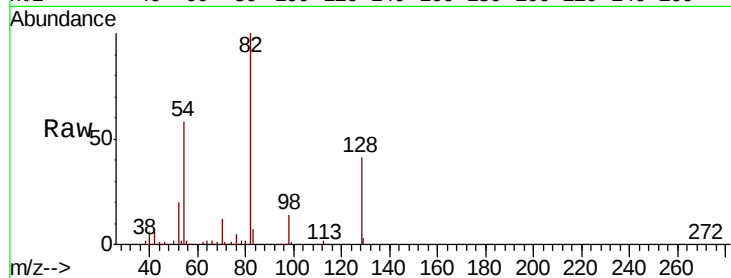
#23
 Nitrobenzene-d5
 Concen: 93.084 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.3	46.9
54	57.7	50.9	76.3

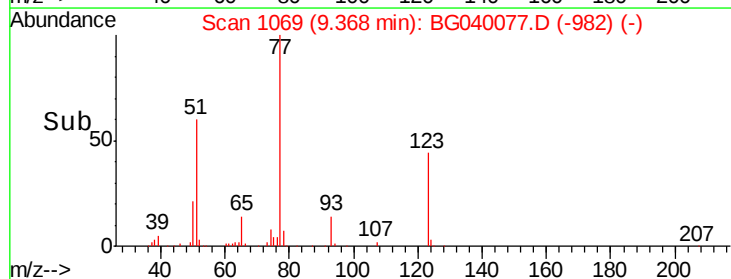
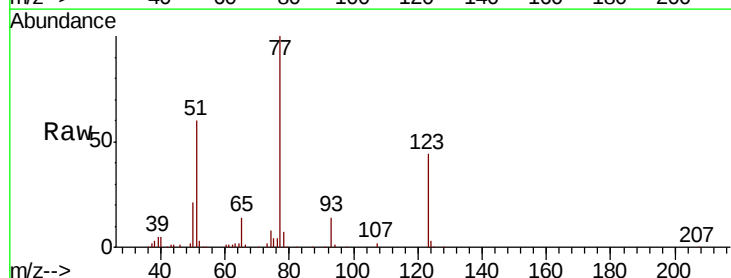
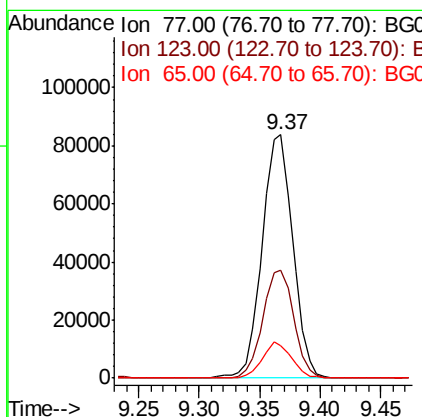
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#24
 Nitrobenzene
 Concen: 44.333 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	34.1	51.1
65	13.5	12.3	18.5





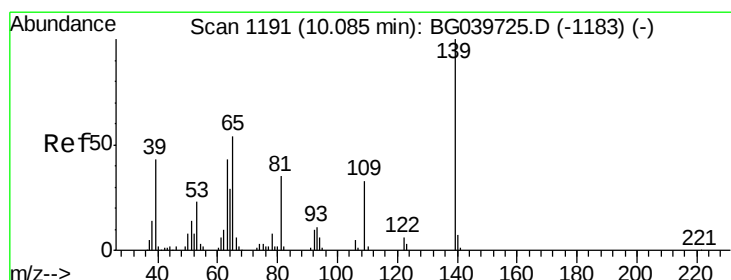
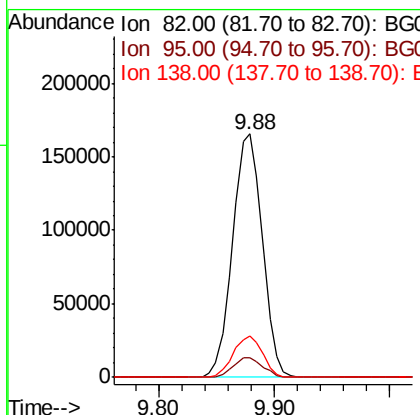
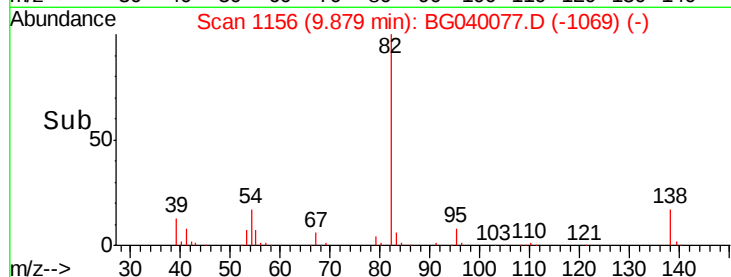
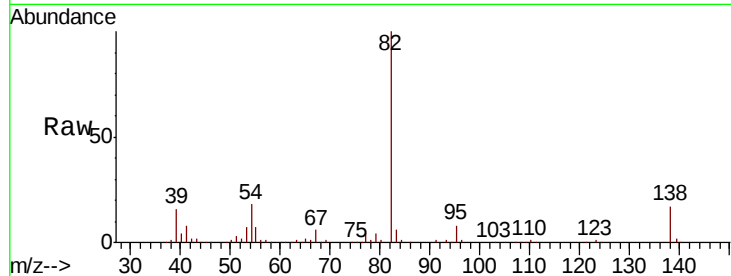
#25
Isophorone
Concen: 44.518 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	295651		
95	8.0		6.2	9.2
138	17.1		13.0	19.4

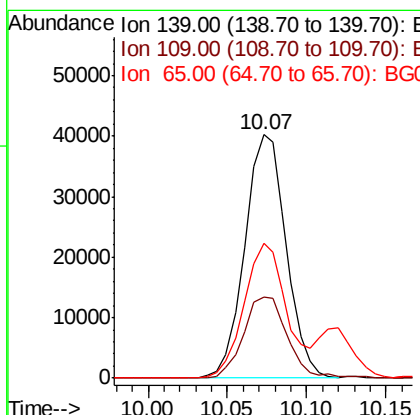
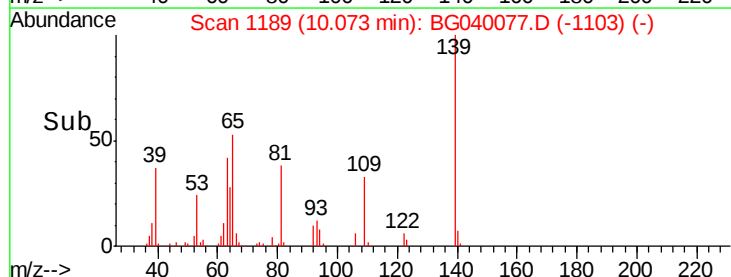
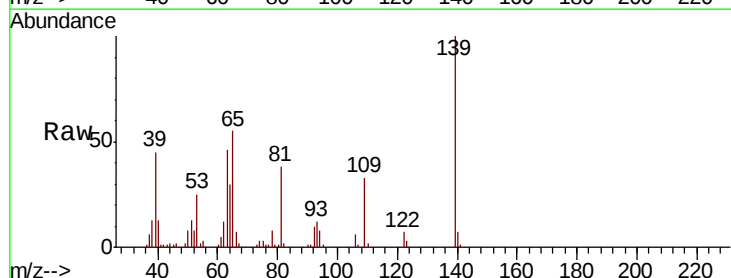
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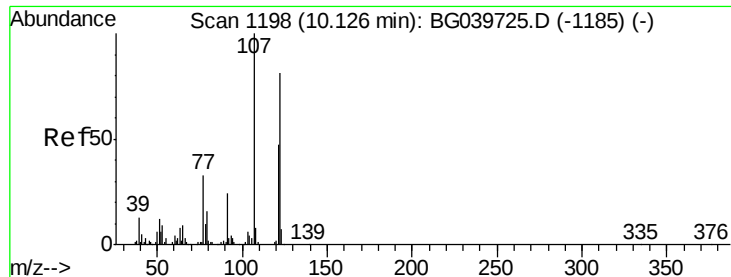
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#26
2-Nitrophenol
Concen: 45.291 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	72711		
109	33.4		23.4	35.0
65	55.4		44.3	66.5





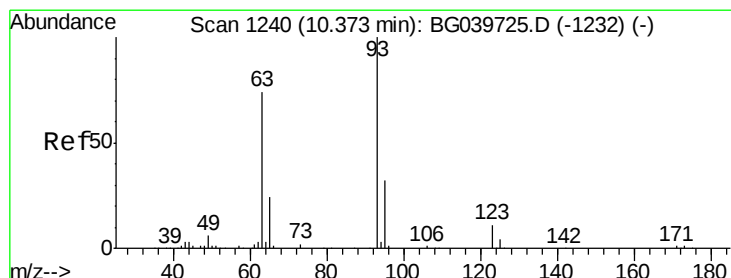
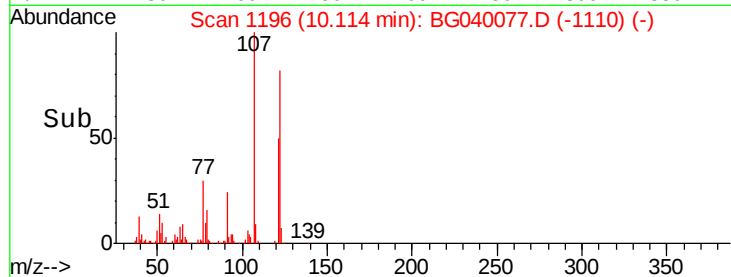
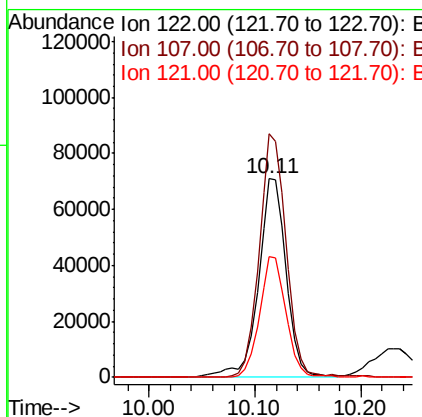
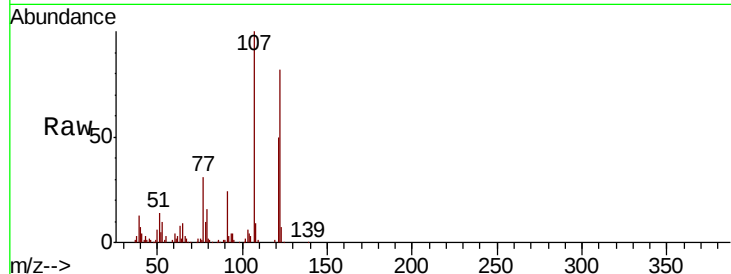
#27
2,4-Dimethylphenol
Concen: 51.828 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	122.5	91.7	137.5	
121	60.9	46.4	69.6	

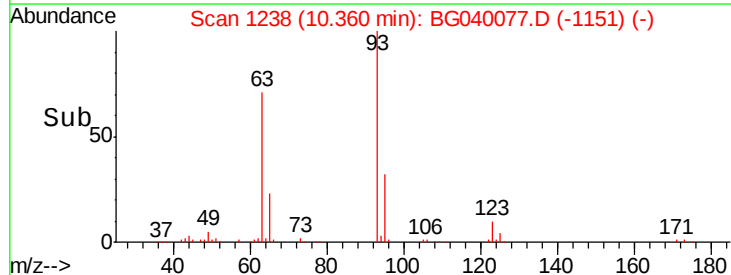
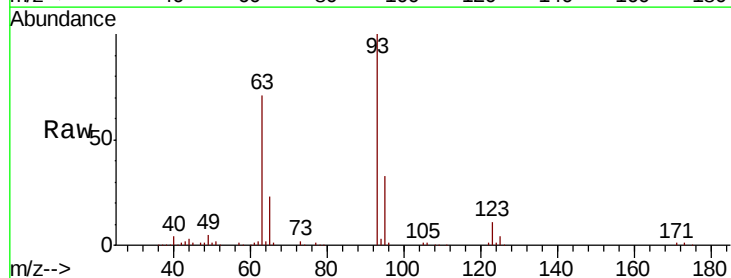
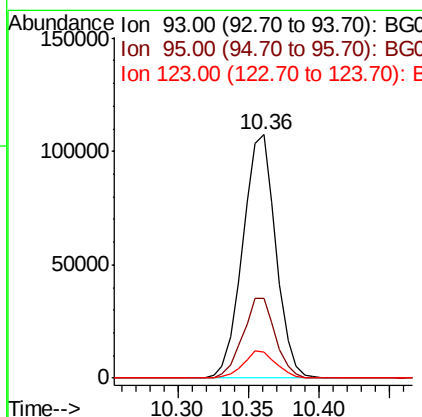
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 43.742 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.5	25.0	37.4	
123	10.7	8.6	12.8	





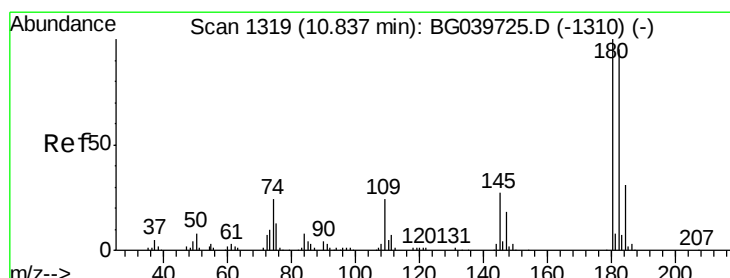
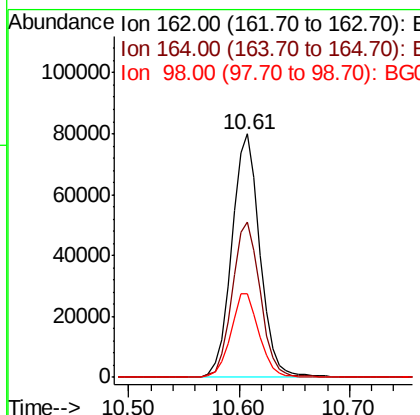
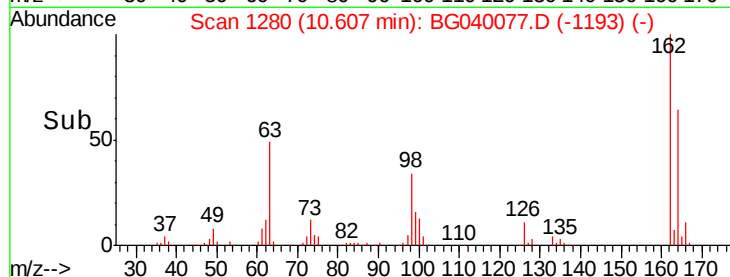
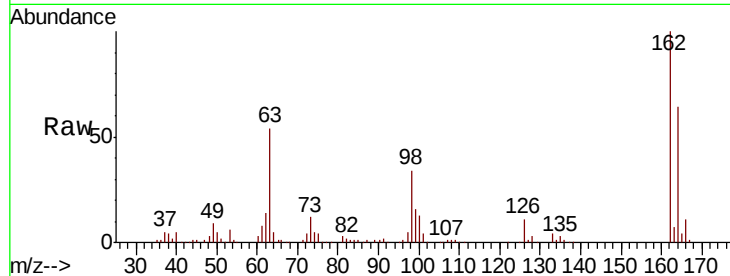
#29
 2,4-Dichlorophenol
 Concen: 50.739 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	142636		
164	63.6	48.1	88.1	
98	34.3	18.1	58.1	

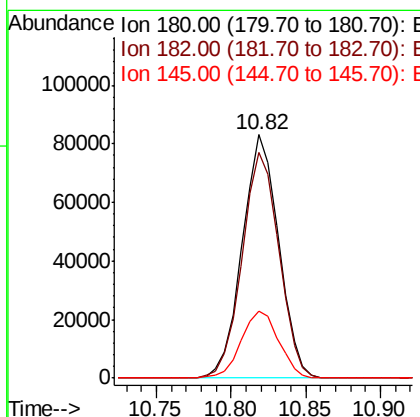
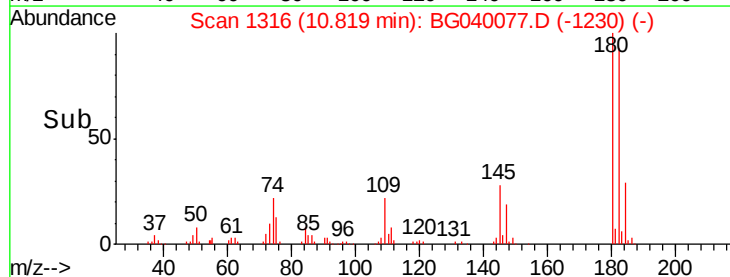
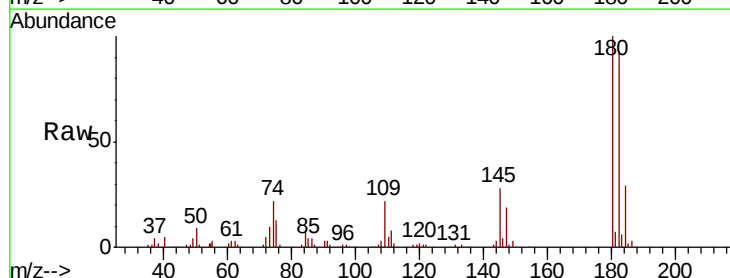
Manual Integrations
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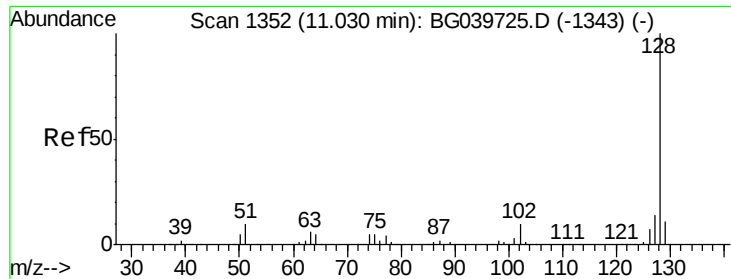
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.326 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140216		
182	92.8	76.0	114.0	
145	27.6	22.7	34.1	





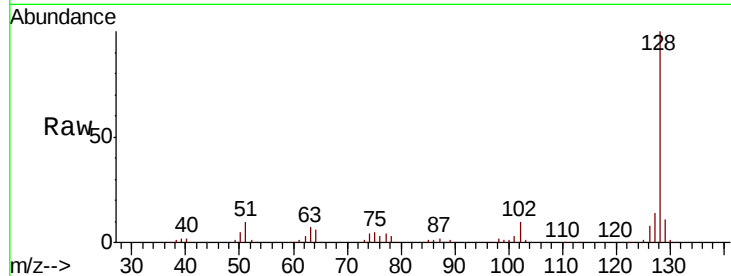
#31
Naphthalene
Concen: 44.328 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.8	10.8	16.2

Manual Integrations
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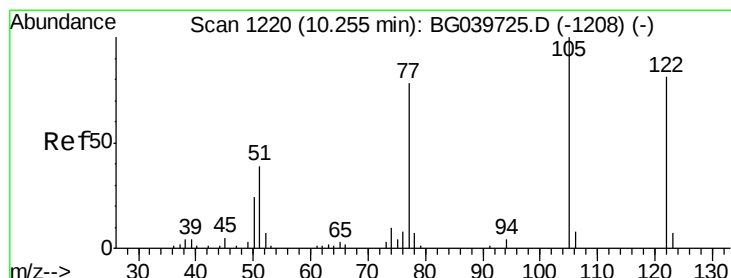
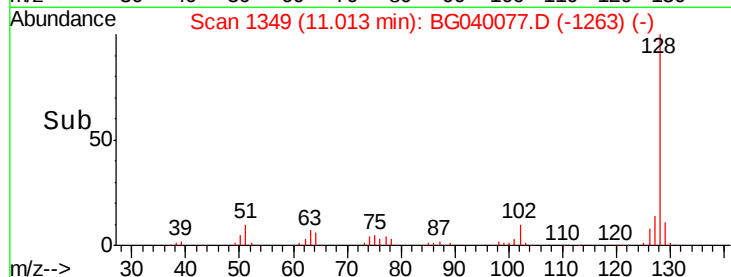
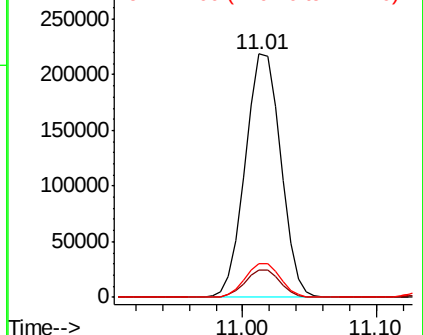


Abundance

Ion 128.00 (127.70 to 128.70): E

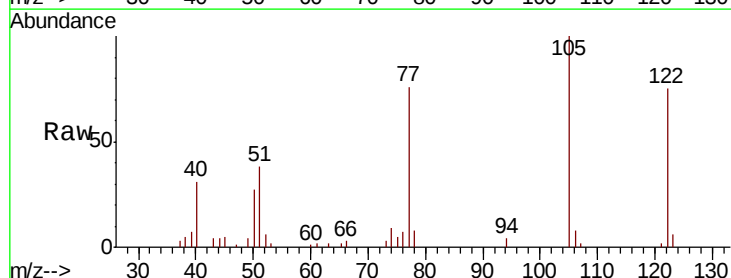
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.472 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	101.8	141.8
77	102.0	76.3	116.3

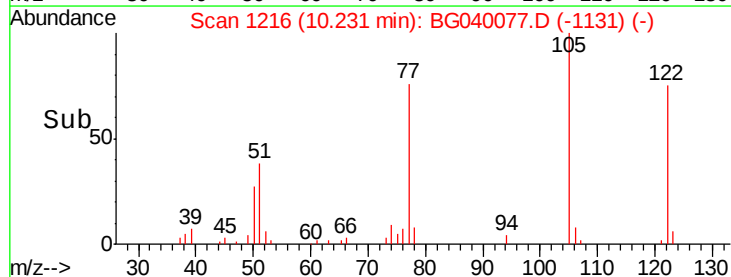
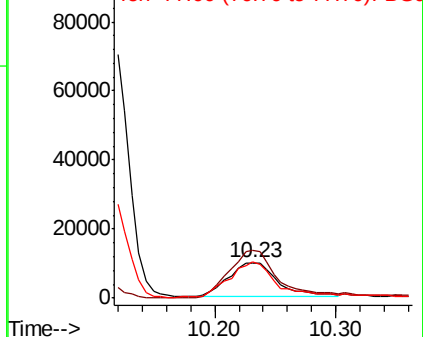


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





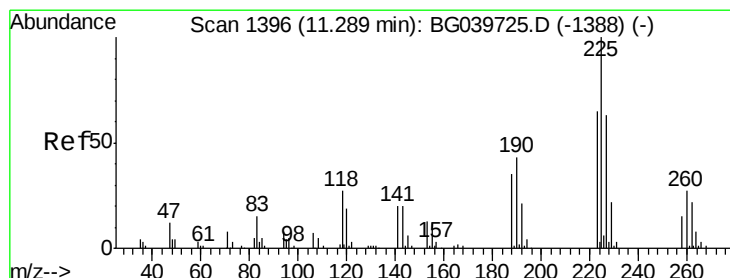
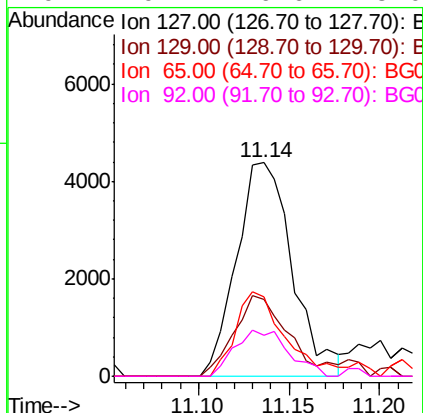
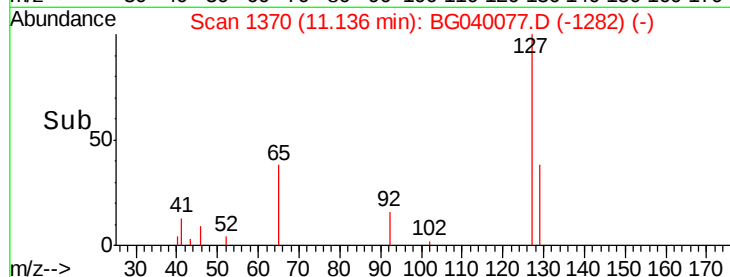
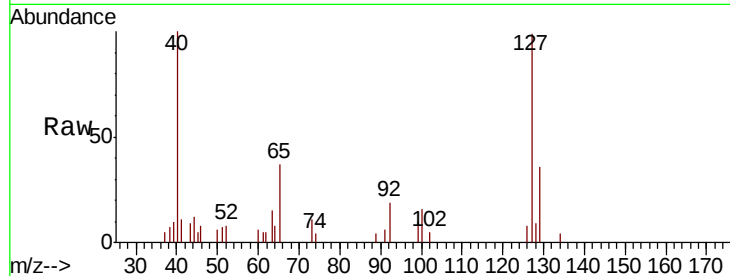
#33
4-Chloroaniline
Concen: 2.445 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion:	127	Resp:	9411
Ion Ratio	Lower	Upper	
127	100		
129	36.1	27.0	40.4
65	36.9	28.8	43.2
92	19.4	16.6	25.0

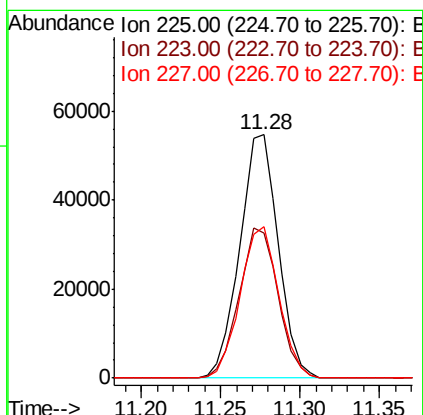
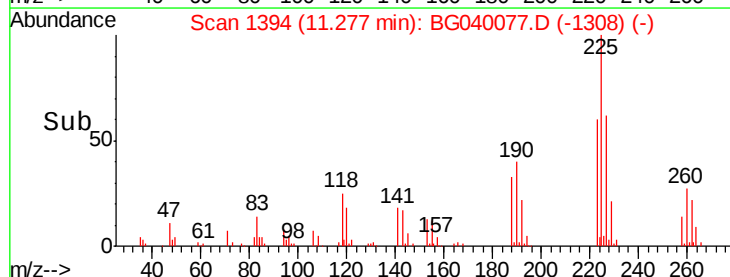
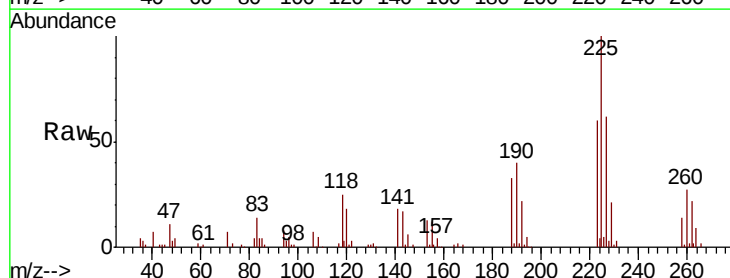
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 42.506 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion:	225	Resp:	91882
Ion Ratio	Lower	Upper	
225	100		
223	59.8	49.0	73.6
227	62.1	46.3	69.5





#35

Caprolactam

Concen: 34.232 ng/ml

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampleId :

DRUM-1-2MSD

Tot Ion:113 Resp: 36760

Ion Ratio Lower Upper

113 100

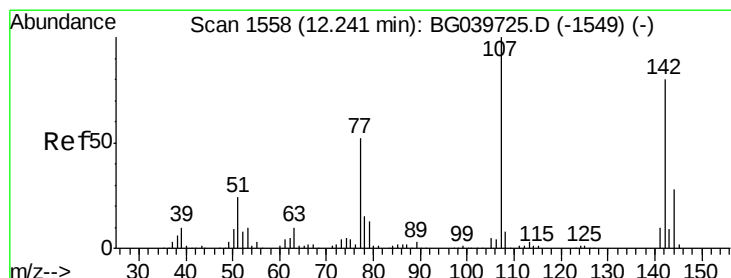
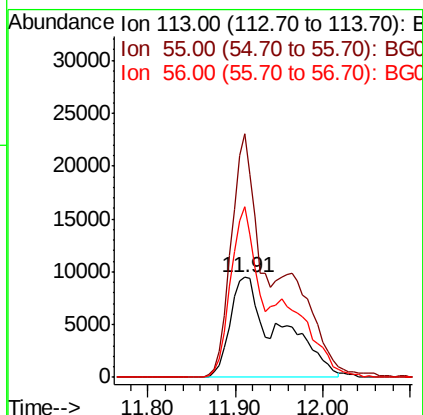
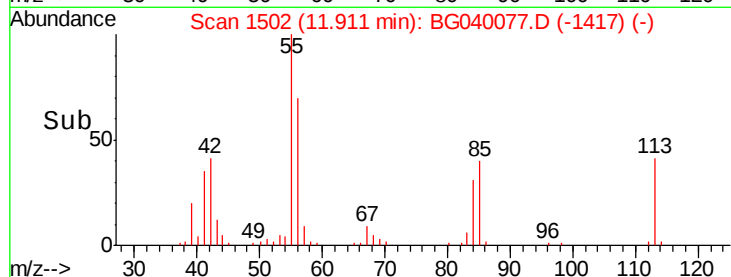
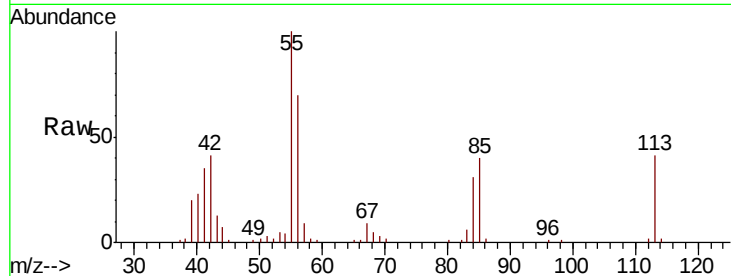
55 243.2 216.9 256.9

56 170.7 152.6 192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.079 ng/ml

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

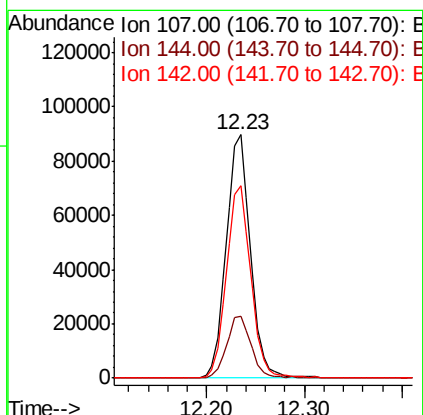
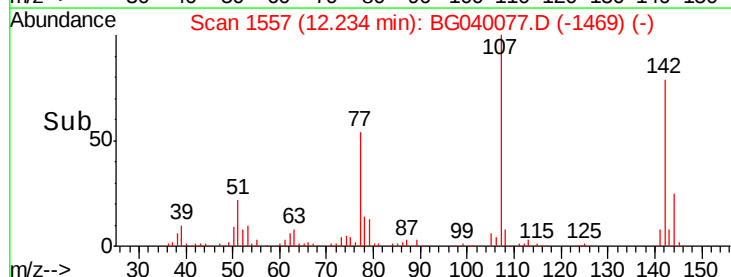
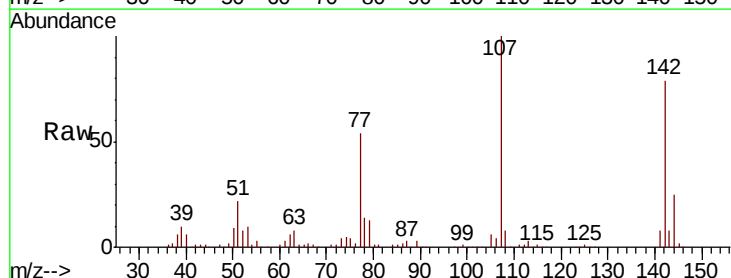
Tgt Ion:107 Resp: 154936

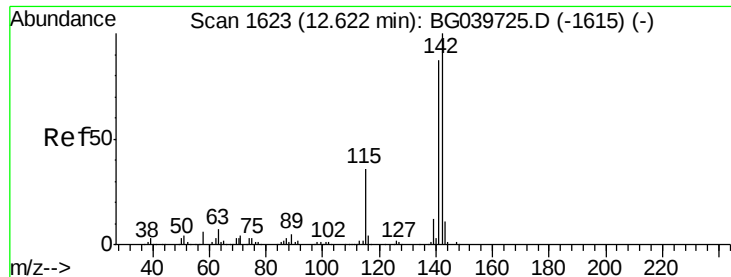
Ion Ratio Lower Upper

107 100

144 25.4 20.2 30.2

142 78.8 61.4 92.2





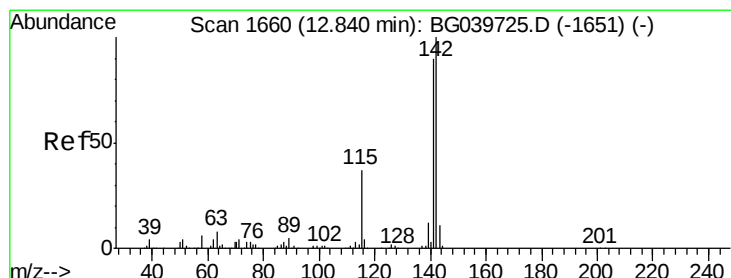
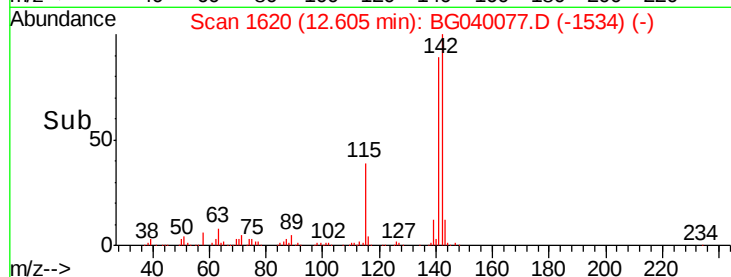
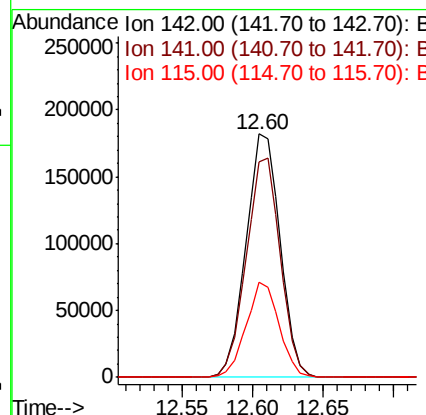
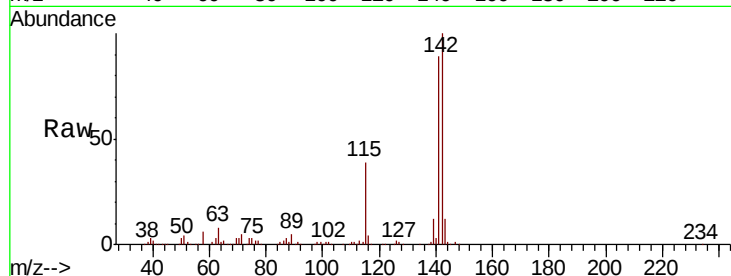
#37
2-Methylnaphthalene
Concen: 45.379 ng
RT: 12.60 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.5	110.3
115	39.0	30.8	46.2

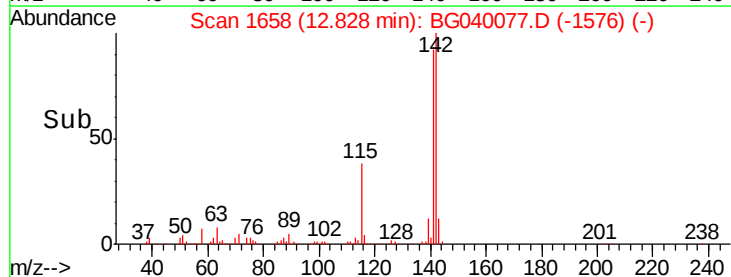
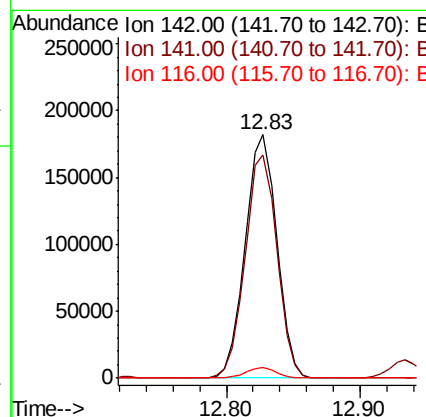
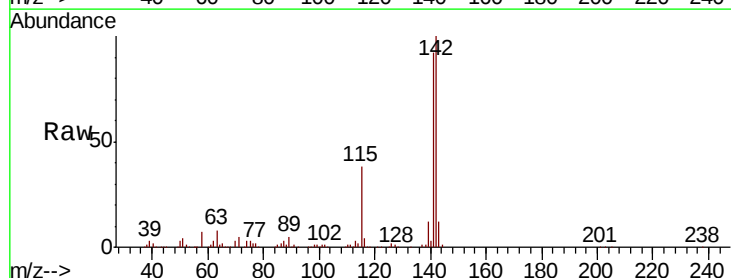
Manual Integrations
APPROVED

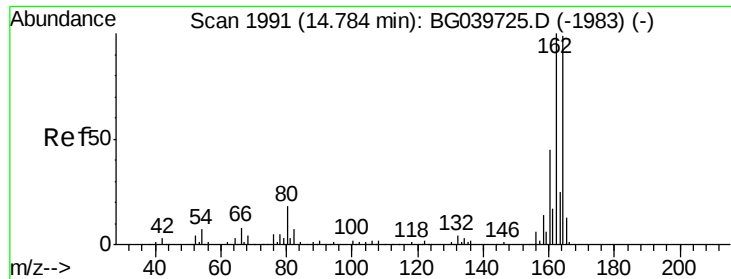
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#38
1-Methylnaphthalene
Concen: 44.992 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	4.1	3.0	4.6





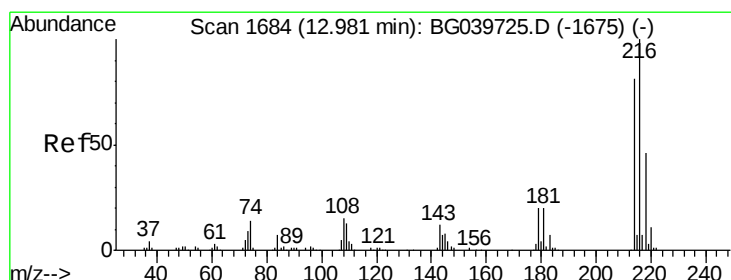
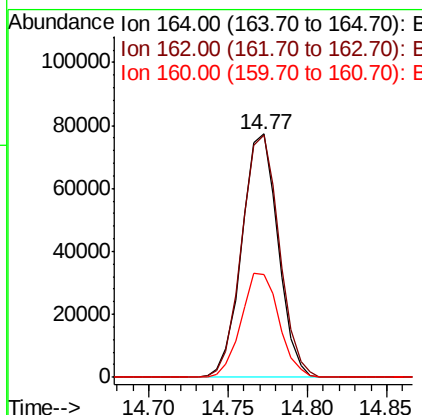
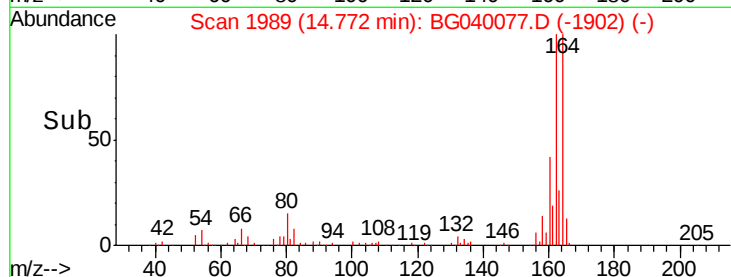
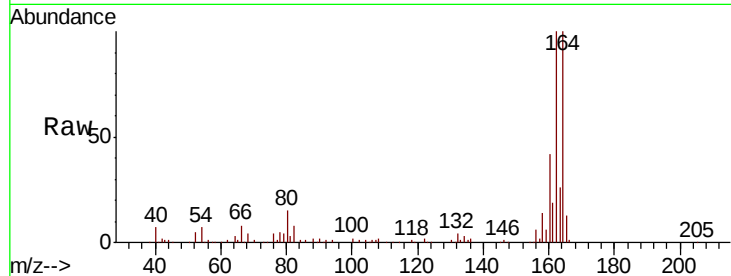
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.6	122.4
160	42.3	34.2	51.2

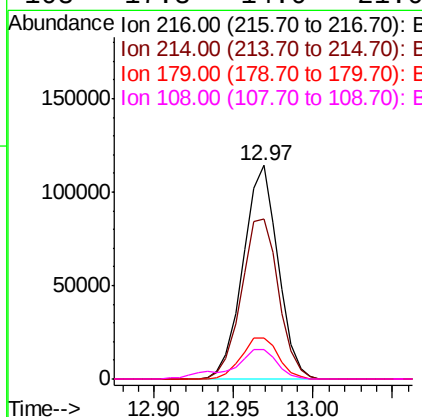
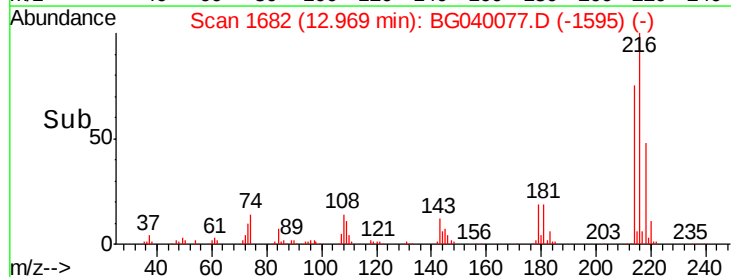
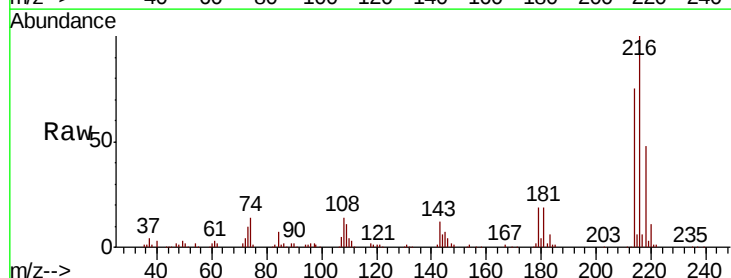
Manual Integrations
APPROVED

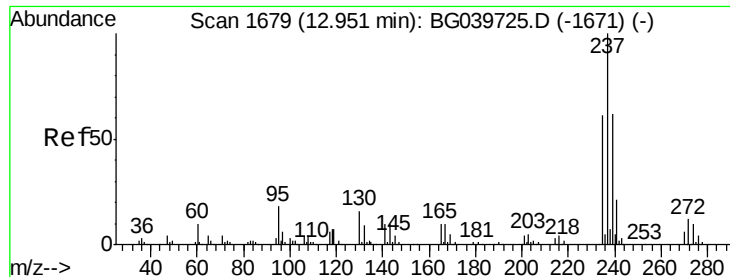
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.969 ng
RT: 12.97 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.6	94.0
179	20.6	16.6	25.0
108	17.3	14.0	21.0





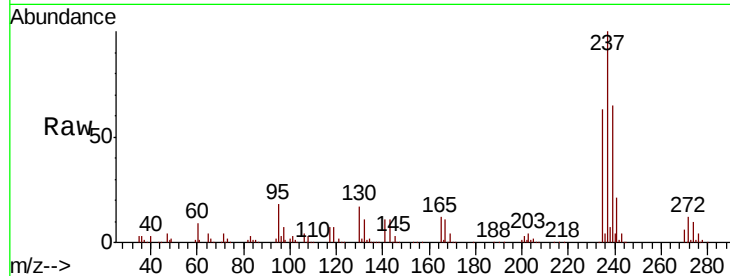
#41
Hexachlorocyclopentadiene
Concen: 87.332 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.3	83.3
272	12.0	0.0	32.3

Manual Integrations
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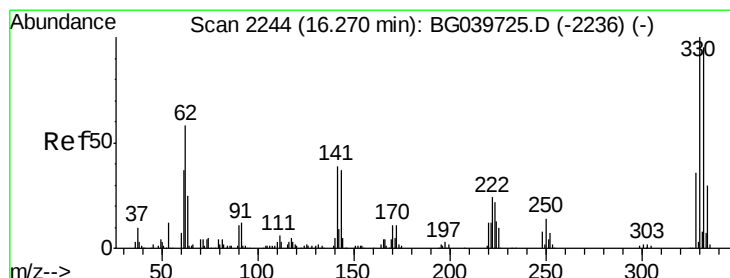
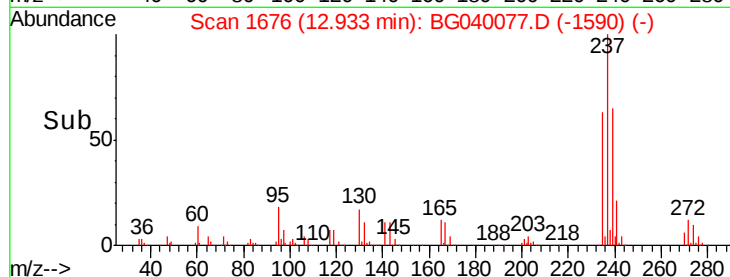
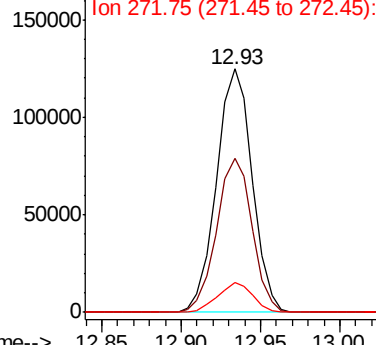


Abundance

Ion 236.80 (236.50 to 237.50): E

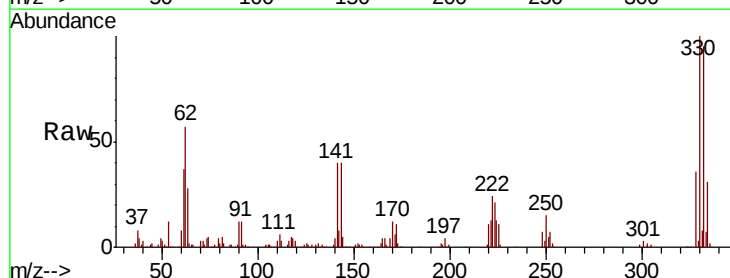
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 147.653 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	75.7	113.5
141	39.7	35.6	53.4

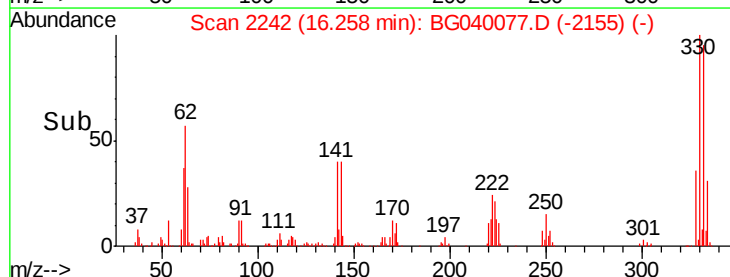
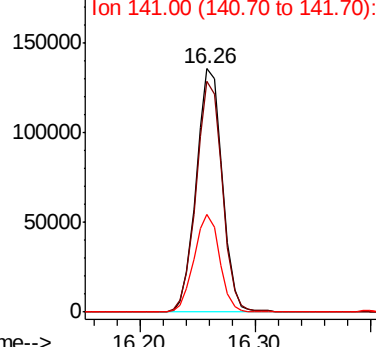


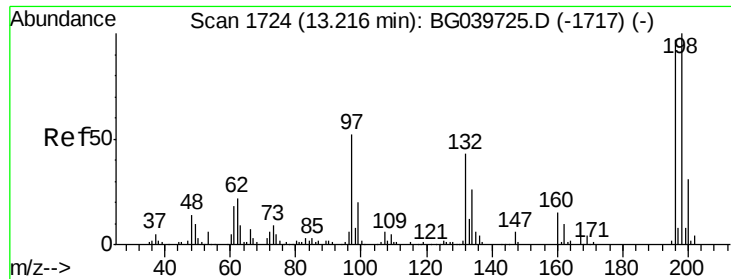
Abundance

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





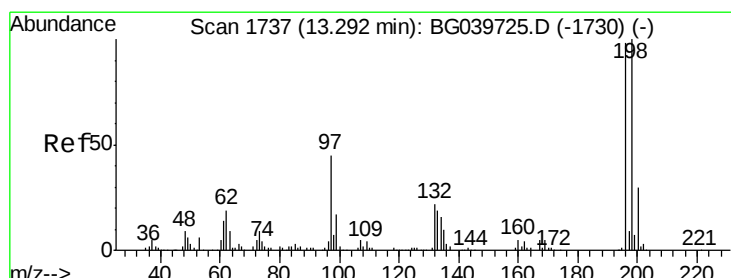
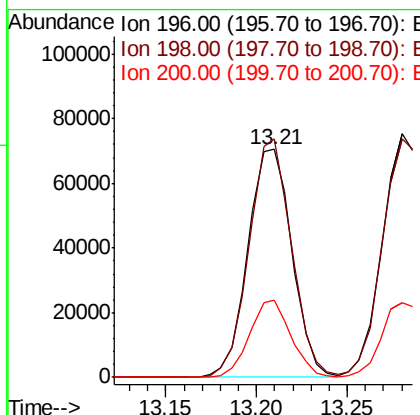
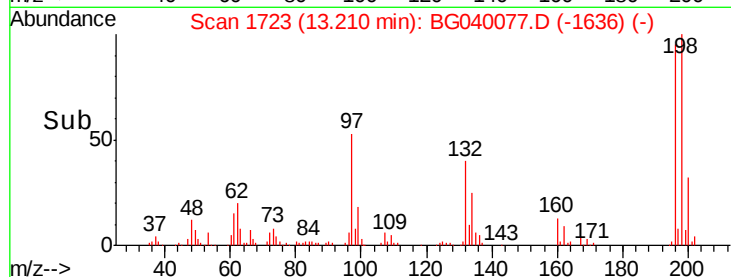
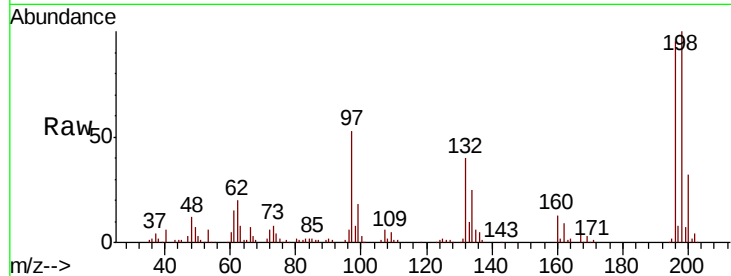
#43
 2,4,6-Trichlorophenol
 Concen: 49.351 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleID :
 DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120138		
198	104.8	80.6	121.0	
200	33.7	26.1	39.1	

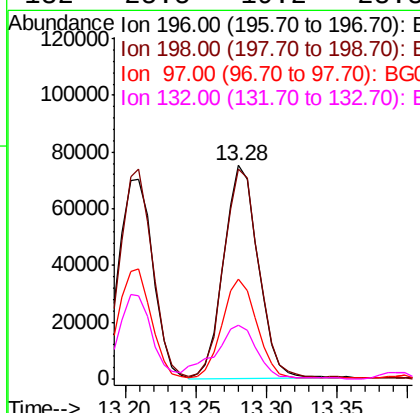
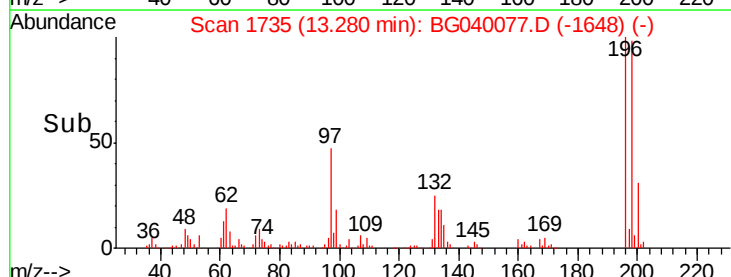
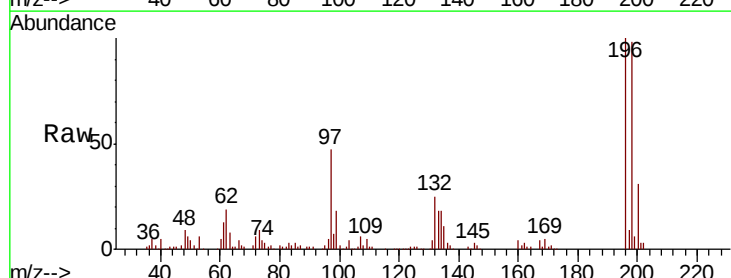
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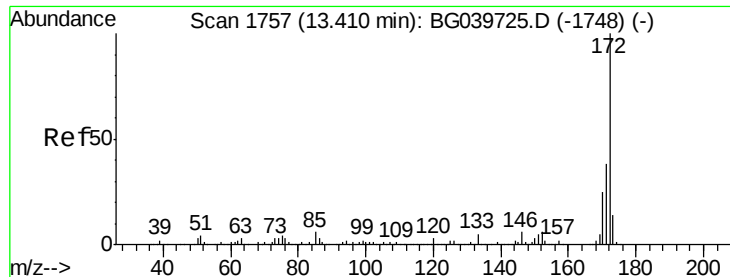
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#44
 2,4,5-Trichlorophenol
 Concen: 46.810 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128444		
198	98.2	78.5	117.7	
97	46.5	38.4	57.6	
132	25.5	19.2	28.8	





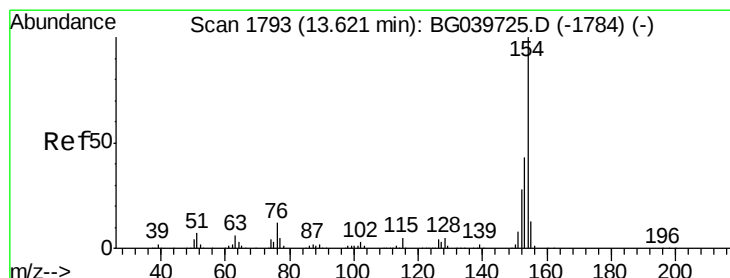
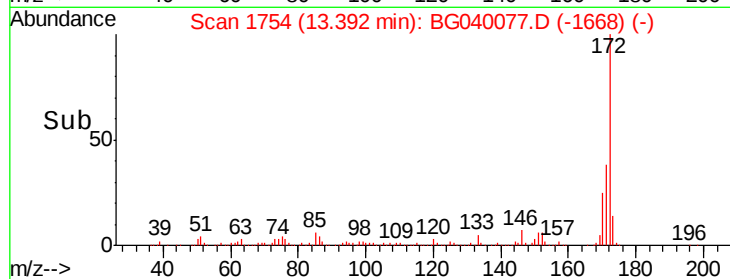
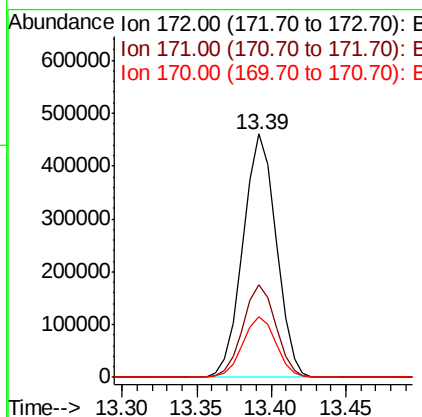
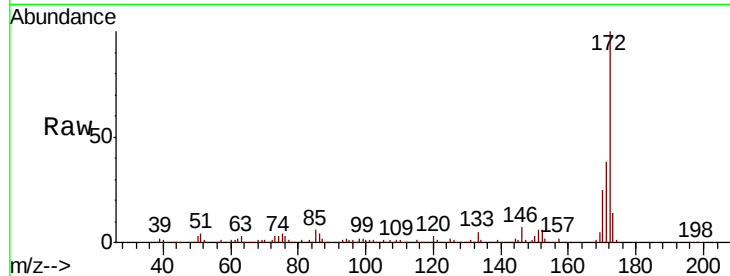
#45
2-Fluorobiphenyl
Concen: 82.308 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	24.9	20.2	30.4

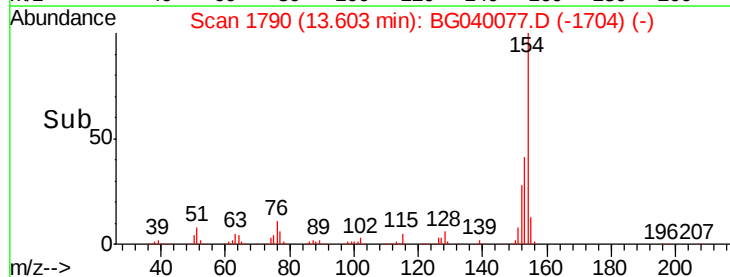
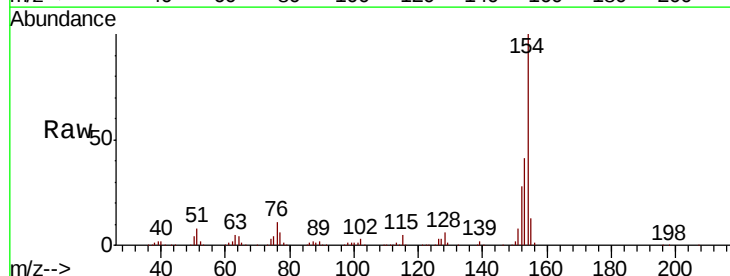
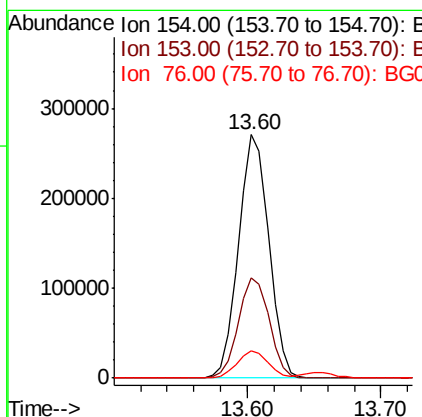
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#46
1,1'-Biphenyl
Concen: 41.920 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	11.1	0.0	32.4





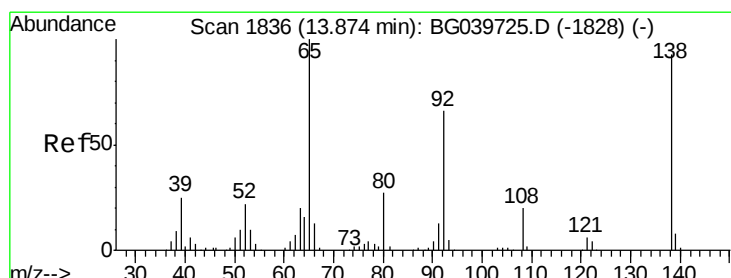
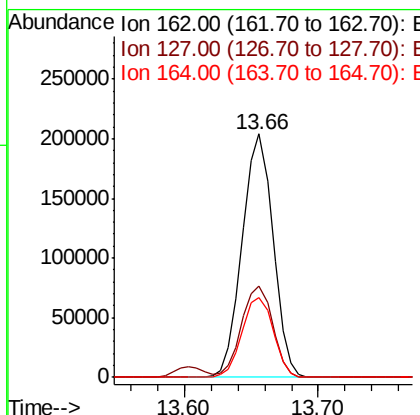
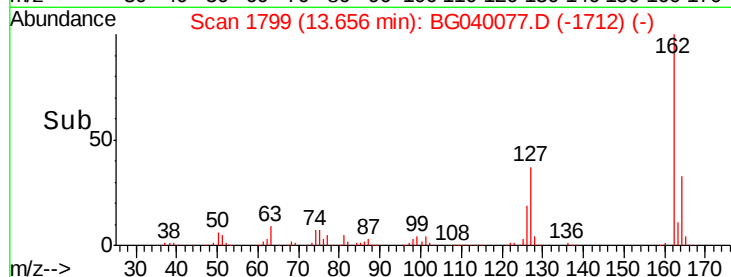
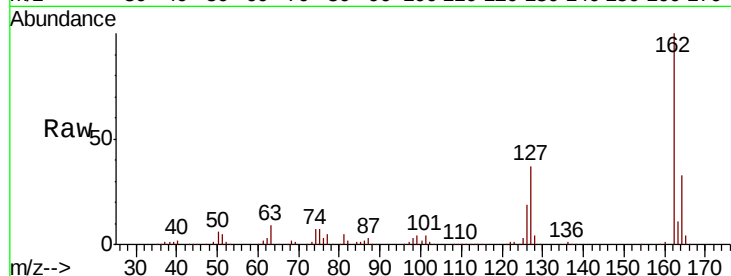
#47
 2-Chloronaphthalene
 Concen: 43.027 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.6
164	32.8	25.7	38.5

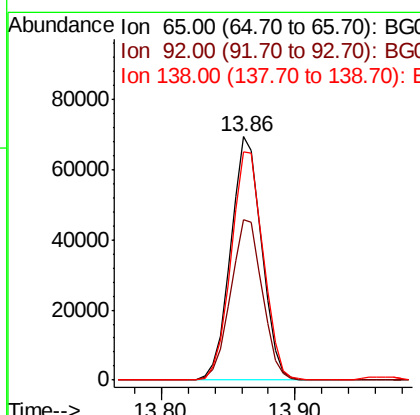
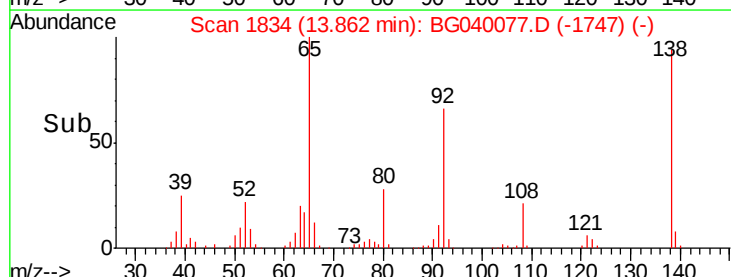
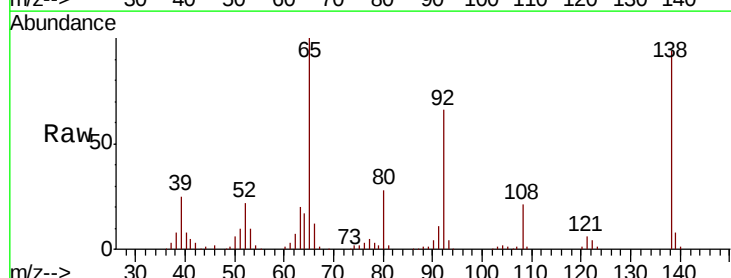
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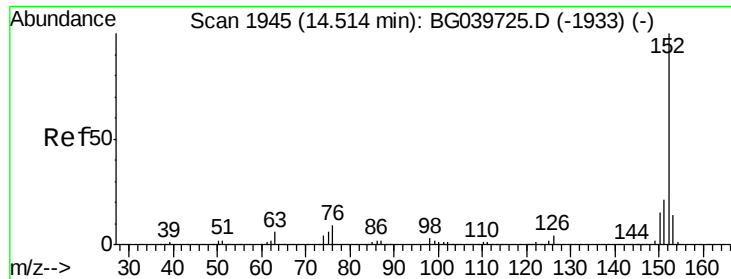
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#48
 2-Nitroaniline
 Concen: 45.911 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	51.4	77.2
138	93.7	71.4	107.2





#49

Acenaphthylene

Concen: 42.737 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

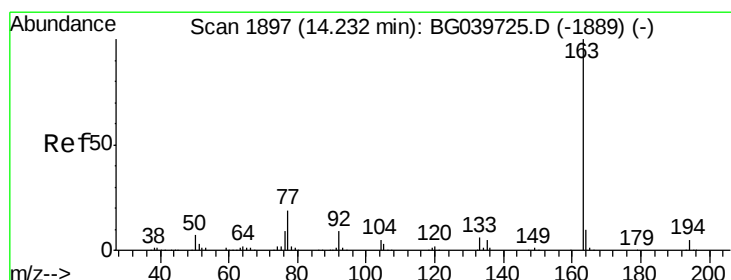
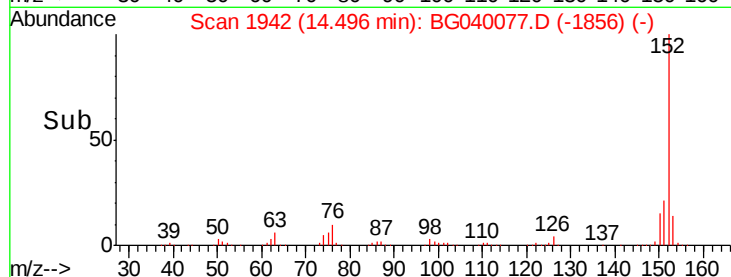
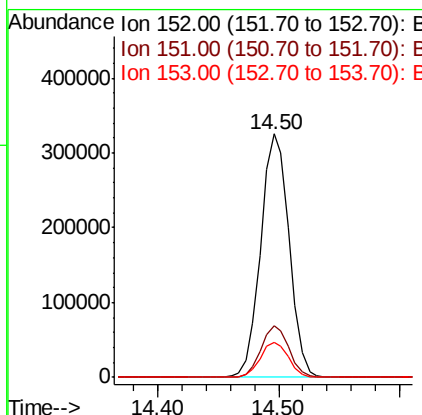
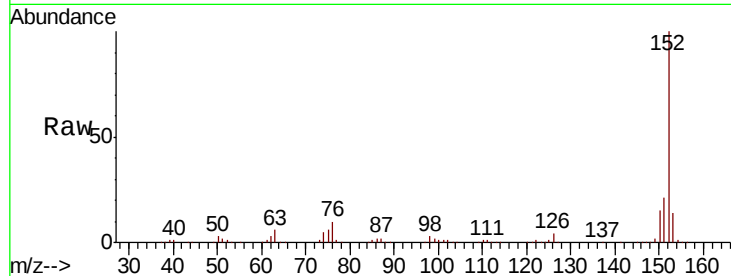
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	152	Resp:	532803
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	14.4	11.7	17.5

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#50

Dimethylphthalate

Concen: 44.142 ng

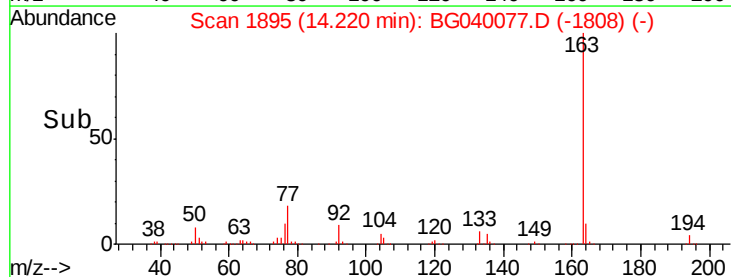
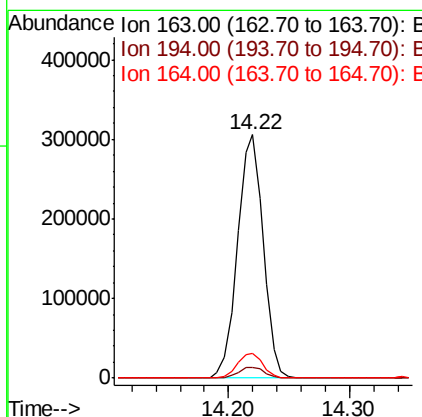
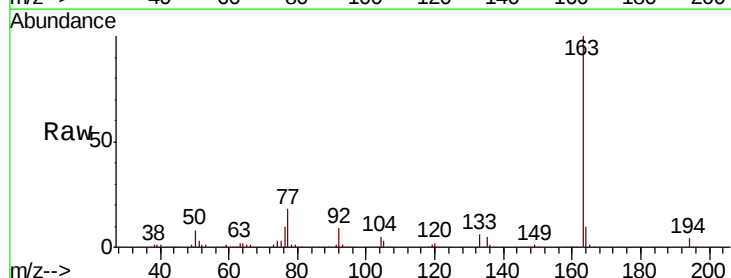
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	163	Resp:	453042
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.1	8.4	12.6





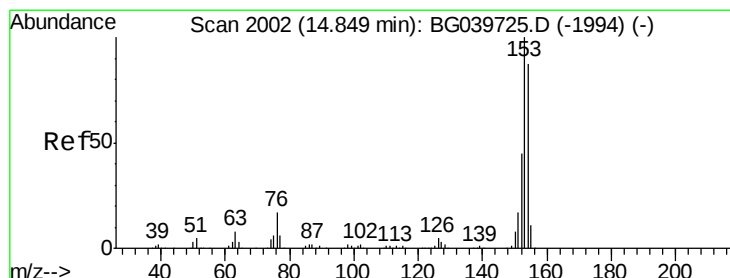
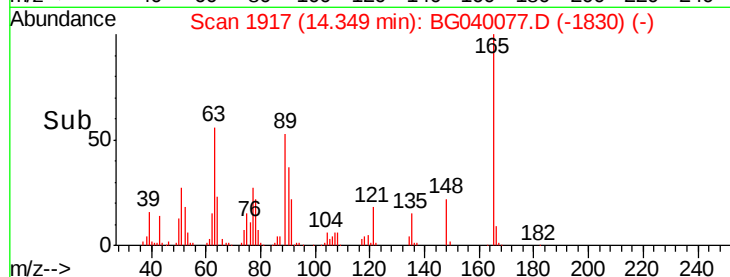
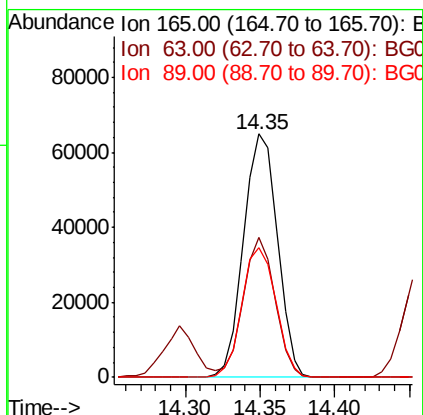
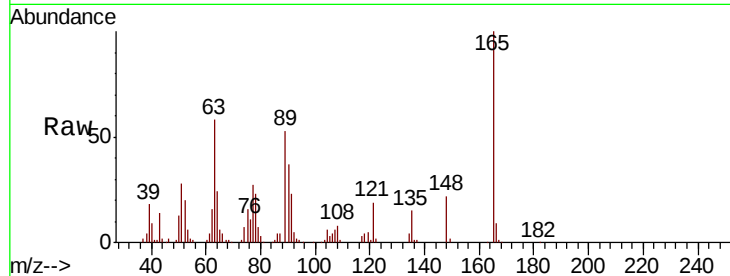
#51
2,6-Dinitrotoluene
Concen: 46.852 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.5	47.0	70.6
89	53.0	45.8	68.8

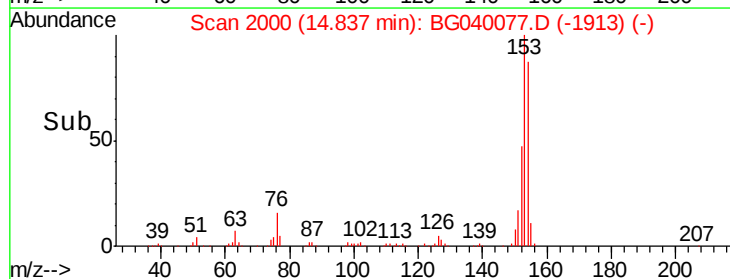
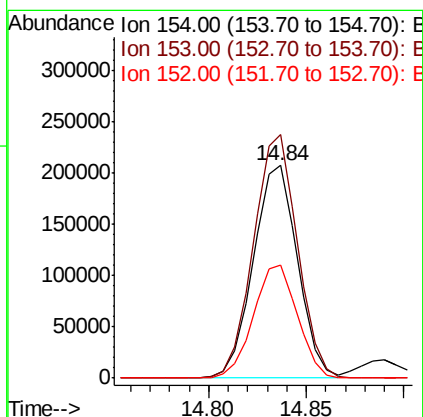
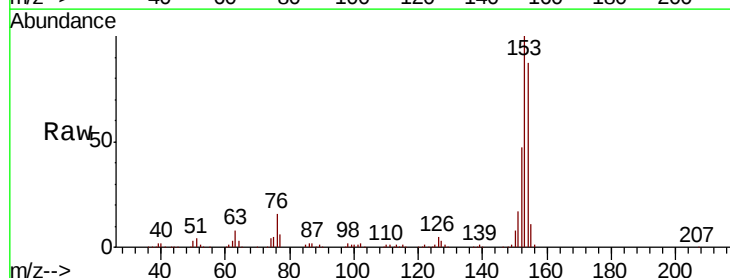
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#52
Acenaphthene
Concen: 43.289 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.1	135.1
152	53.5	40.9	61.3





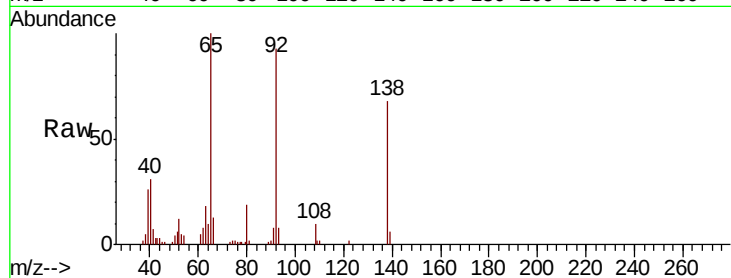
#53
 3-Nitroaniline
 Concen: 7.763 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

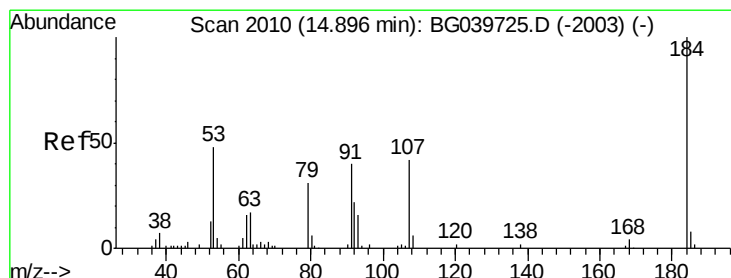
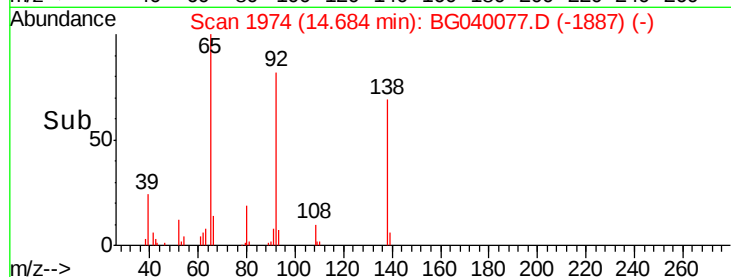
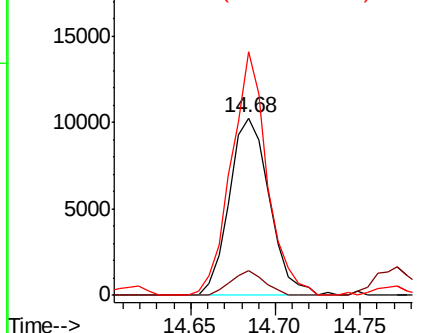
Tot Ion	Ratio	Lower	Upper
138	100		
108	14.3	13.8	20.8
92	137.3	103.7	155.5

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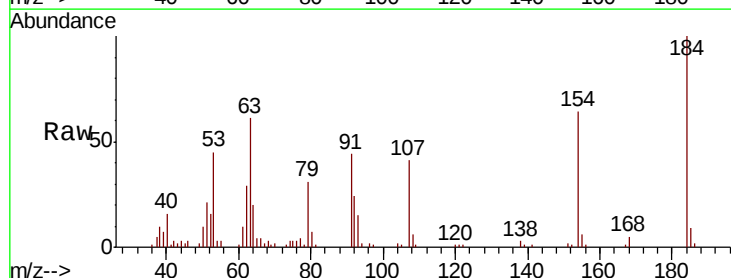


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

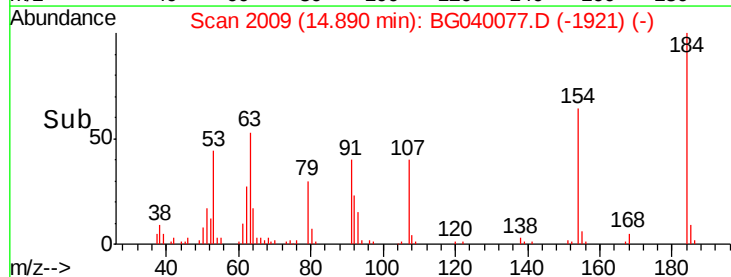
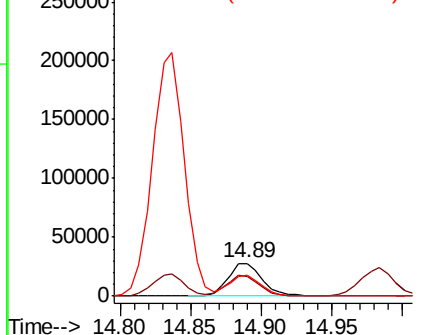


#54
 2,4-Dinitrophenol
 Concen: 37.463 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	50.9	76.3
154	64.4	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: 43.671 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

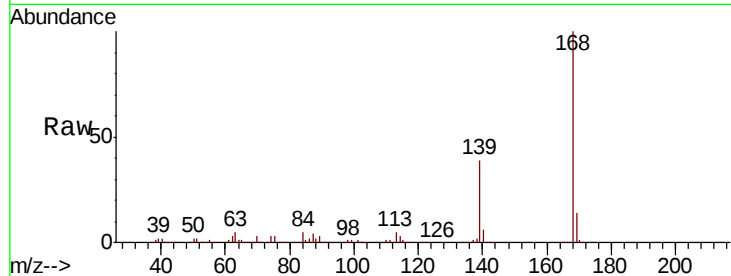
ClientSampleId :

DRUM-1-2MSD

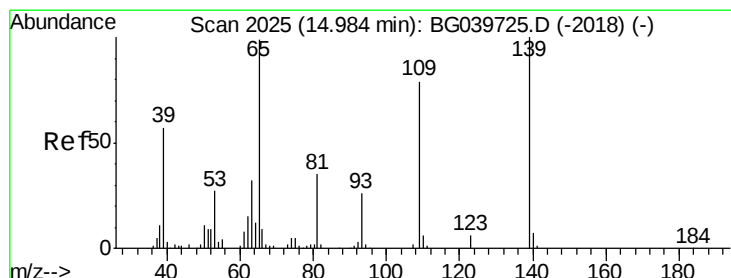
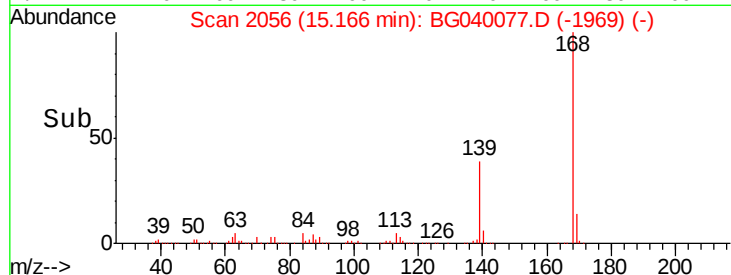
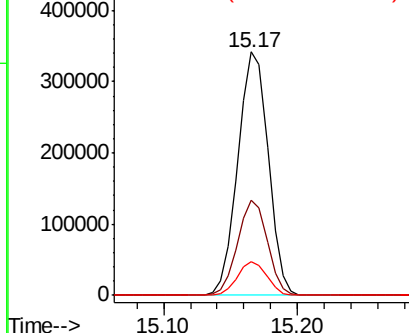
Tot Ion:	168	Resp:	537634
Ion Ratio	Lower	Upper	
168	100		
139	39.3	30.1	45.1
169	14.0	10.6	16.0

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



#56

4-Nitrophenol

Concen: 70.051 ng

RT: 14.98 min Scan# 2025

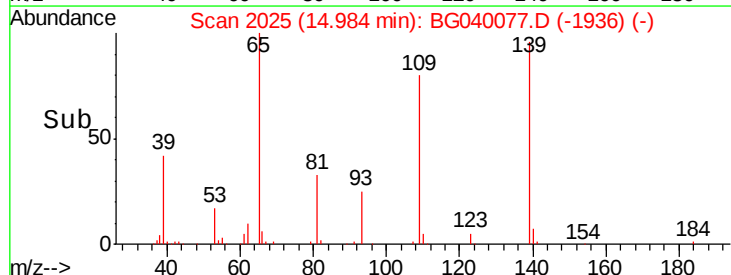
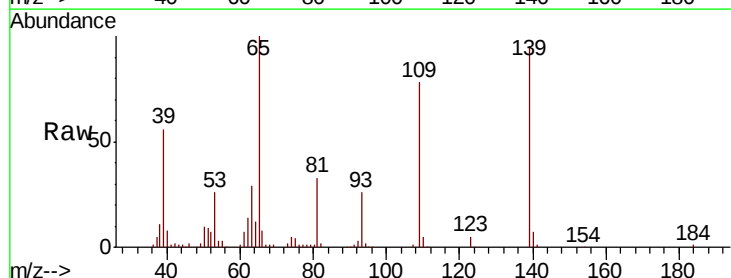
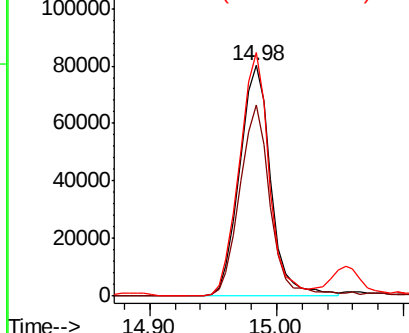
Delta R.T. -0.01 min

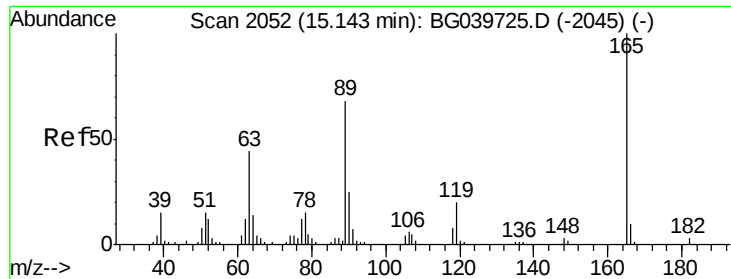
Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	139	Resp:	137056
Ion Ratio	Lower	Upper	
139	100		
109	82.7	61.9	101.9
65	105.6	99.1	139.1

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





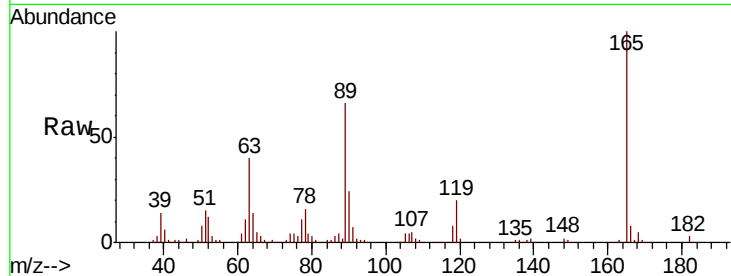
#57
2,4-Dinitrotoluene
Concen: 46.859 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	41.0	61.6#
89	66.1	64.6	96.8
182	2.7	2.0	3.0

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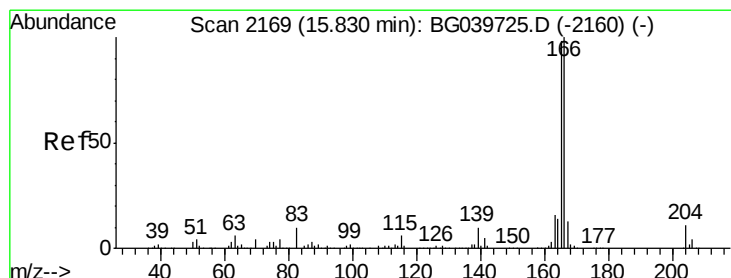
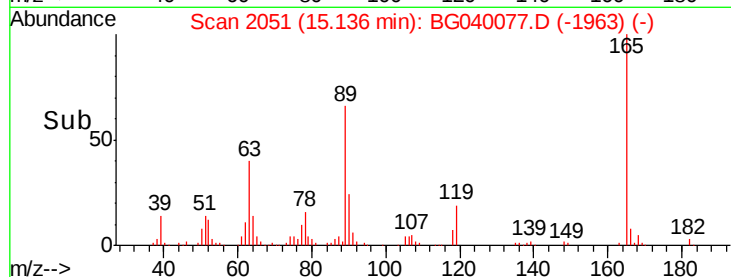
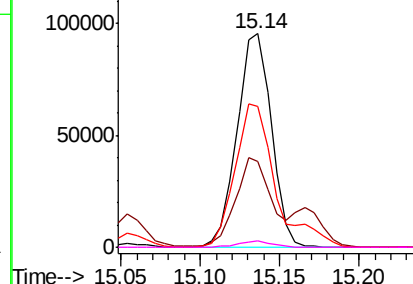
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

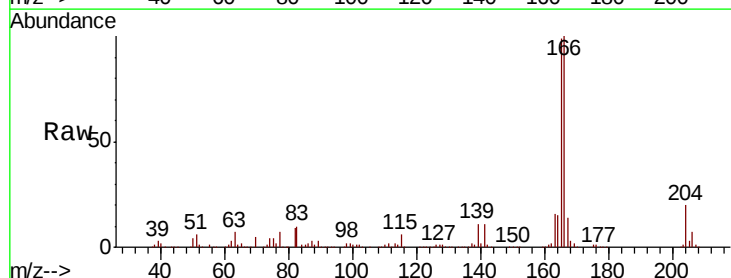
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.020 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	13.6	10.8	16.2

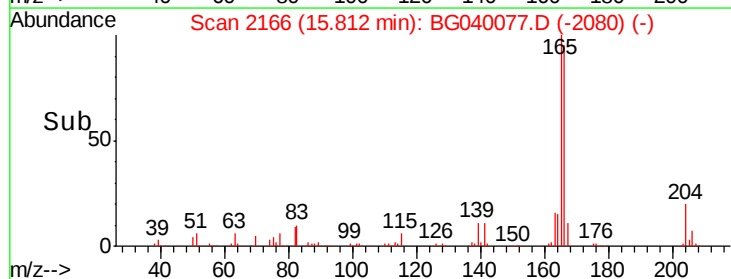
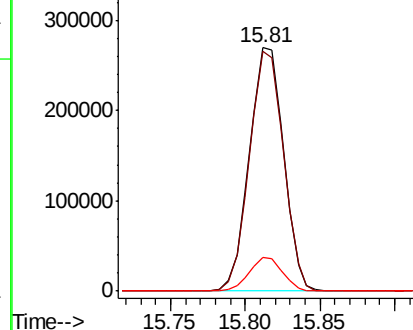


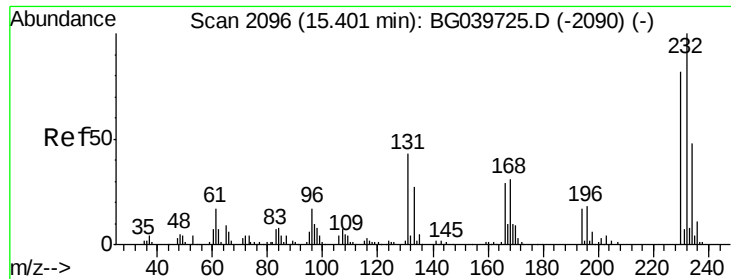
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





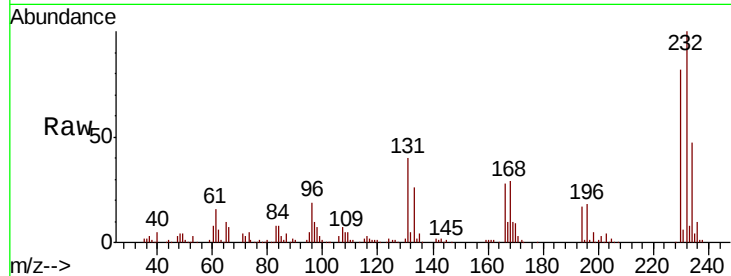
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.059 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	128788		
131	40.8	34.9	52.3	
130	2.5	2.0	3.0	
166	30.8	24.1	36.1	

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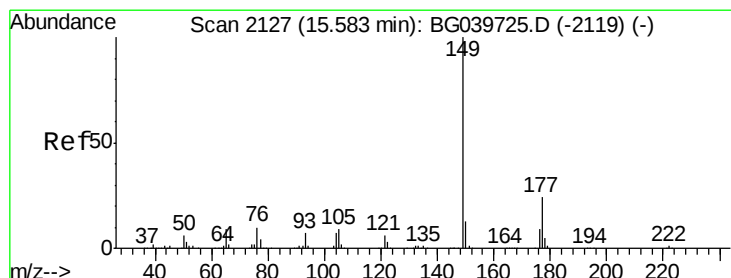
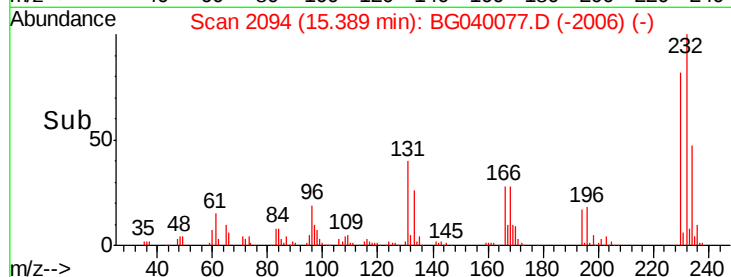
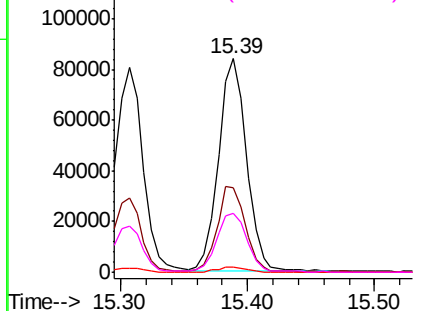
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

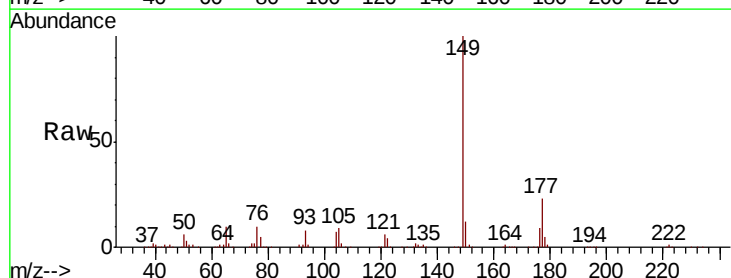
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.148 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	458695		
177	23.4	18.3	27.5	
150	12.4	10.2	15.2	

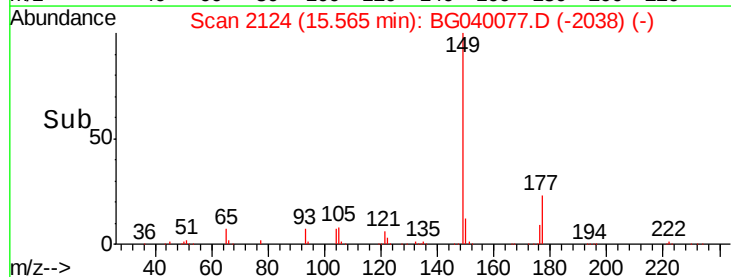
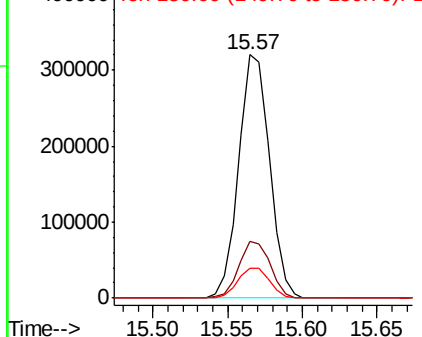


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





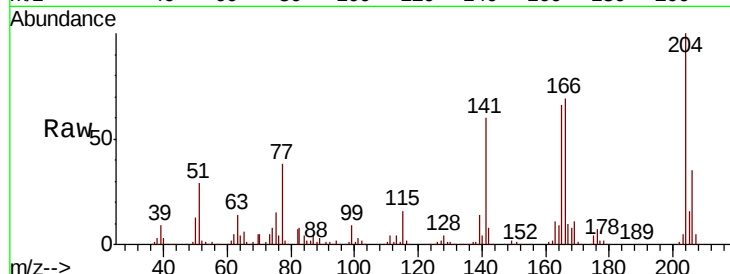
#61
4-Chlorophenyl-phenylether
Concen: 43.468 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	29.2	43.8
141	59.8	49.0	73.4

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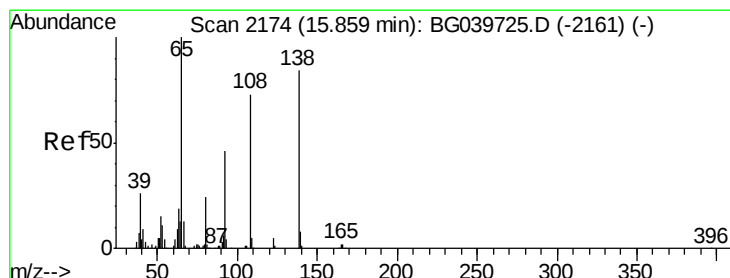
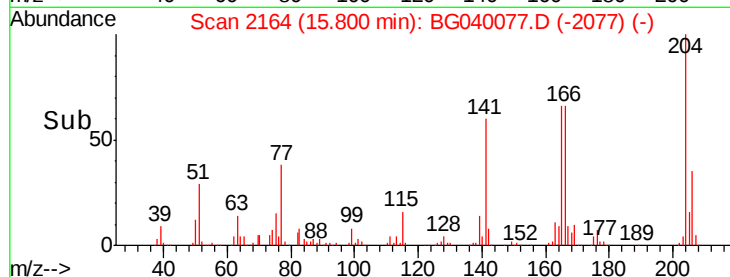
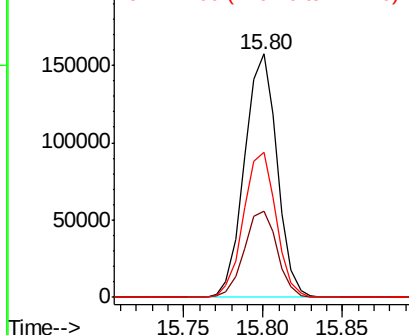


Abundance

Ion 204.00 (203.70 to 204.70): E

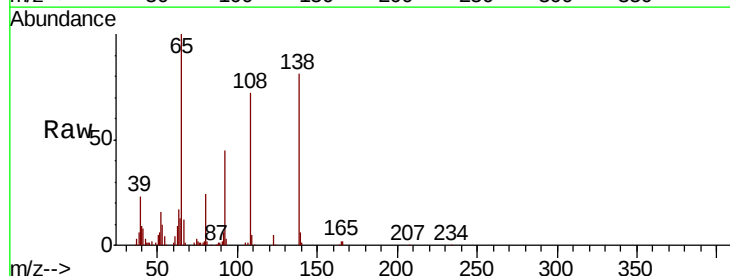
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.564 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	38.7	78.7
108	88.7	74.6	114.6

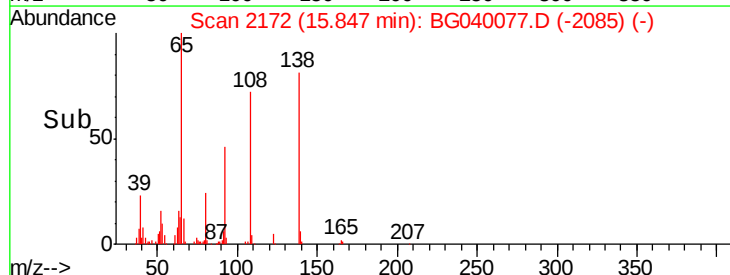
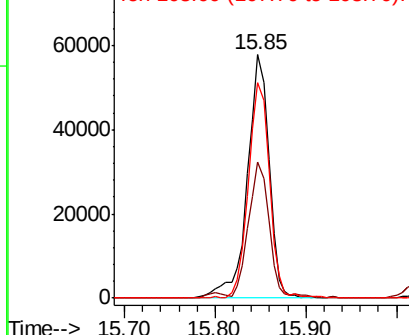


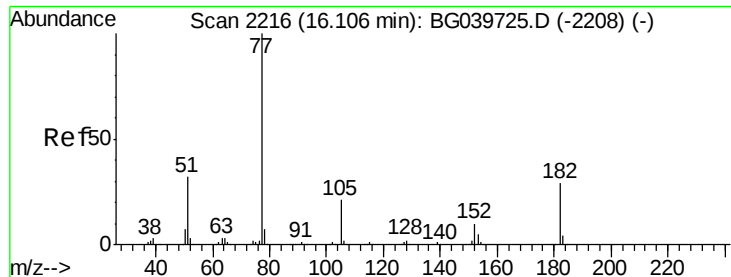
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





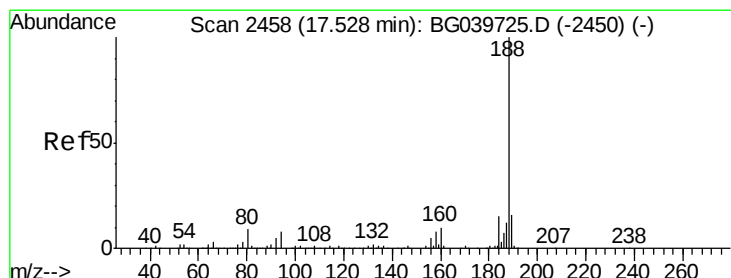
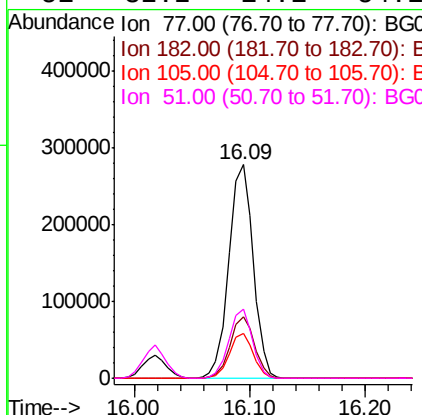
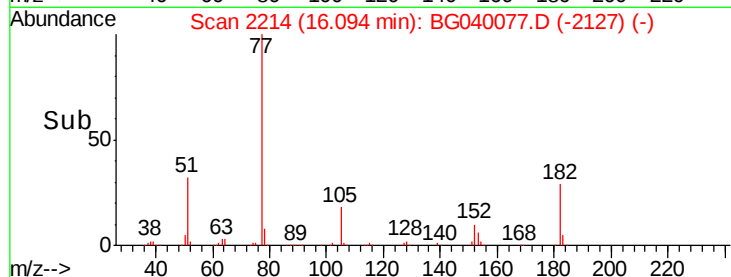
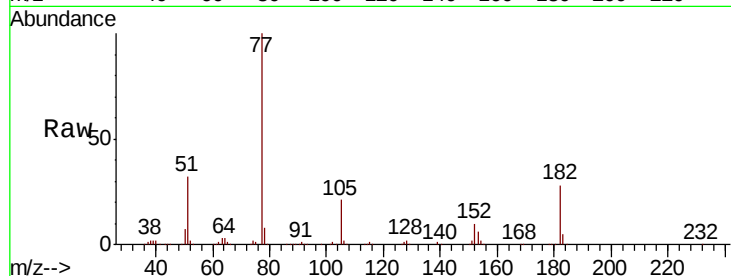
#63
Azobenzene
Concen: 44.053 ng
RT: 16.09 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		405711		
182	28.5	6.4	46.4		
105	20.7	0.0	39.8		
51	32.2	14.1	54.1		

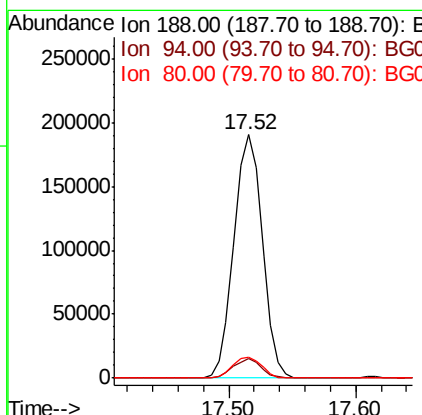
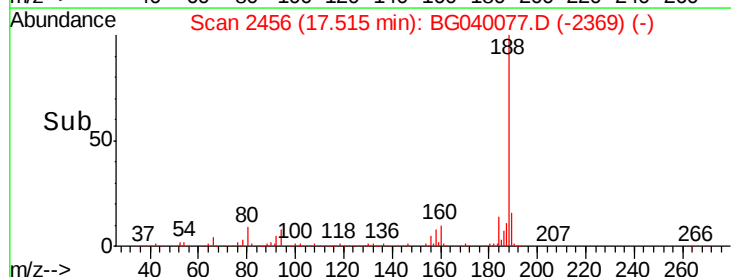
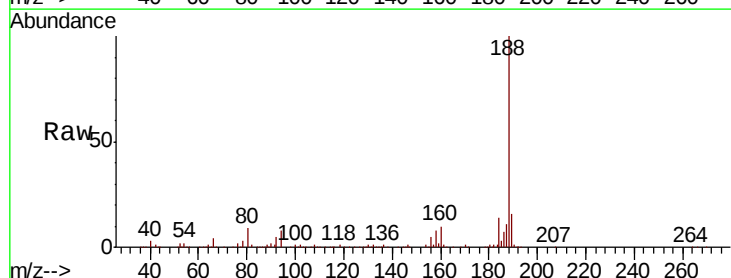
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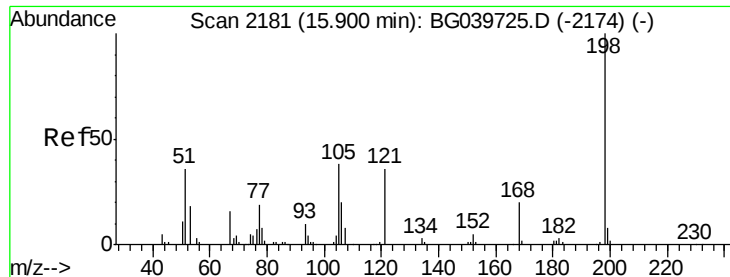
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		295700		
94	7.8	6.9	10.3		
80	8.7	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 29.408 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

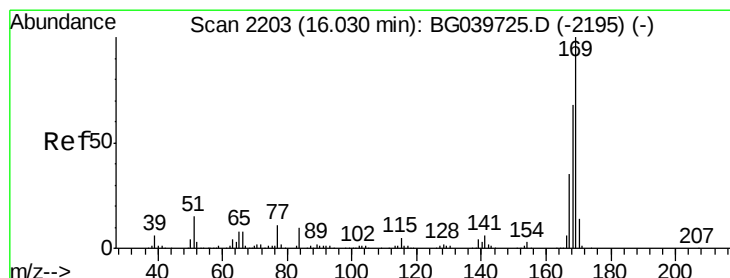
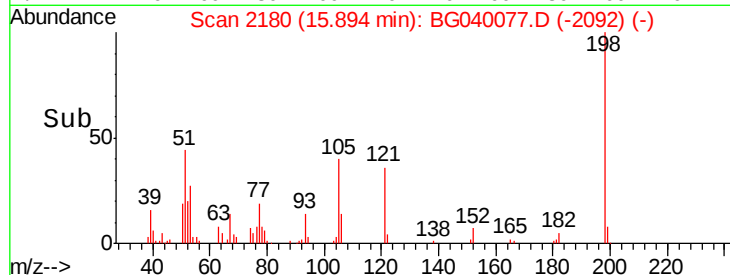
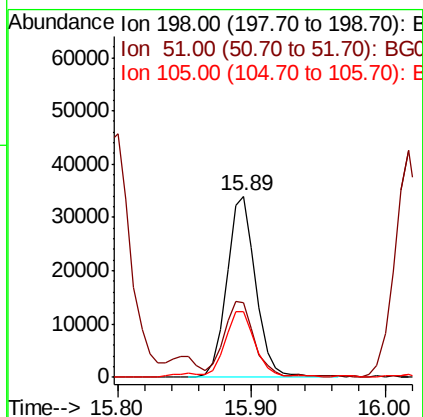
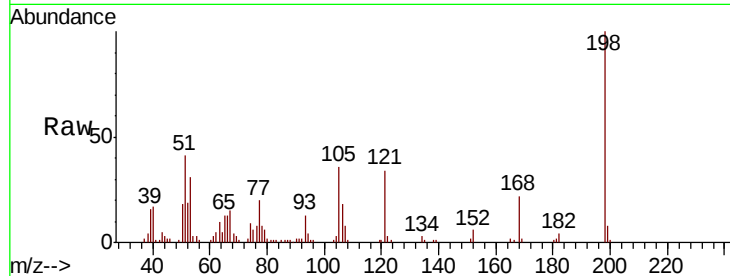
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	198	Resp:	51417
Ion Ratio	Lower	Upper	
198	100		
51	40.9	27.4	67.4
105	36.5	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 46.042 ng

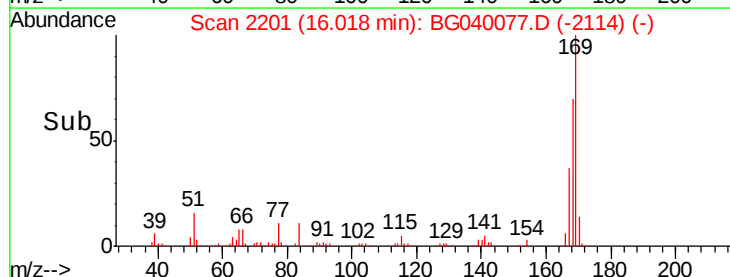
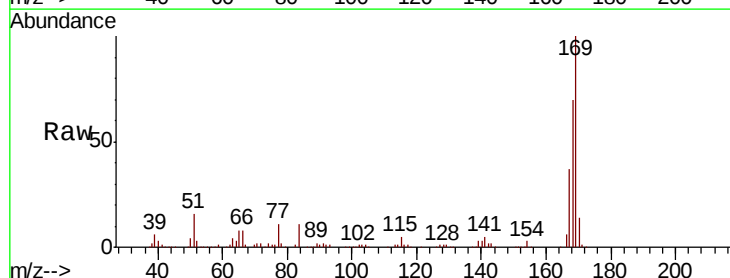
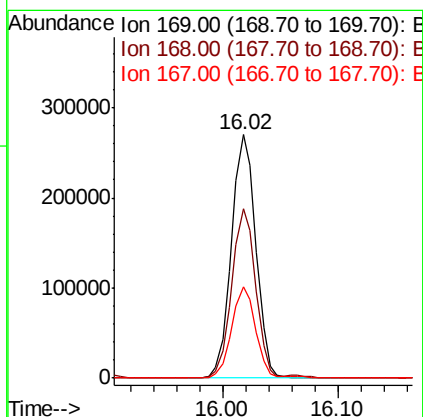
RT: 16.02 min Scan# 2201

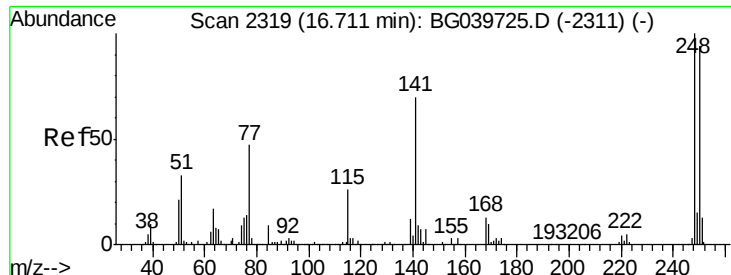
Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	169	Resp:	394145
Ion Ratio	Lower	Upper	
169	100		
168	69.6	56.6	85.0
167	37.3	28.8	43.2





#67

4-Bromophenyl-phenylether

Concen: 44.754 ng

RT: 16.69 min Scan# 2316

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

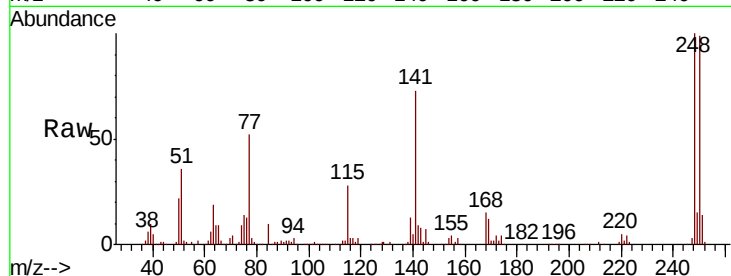
ClientSampled :

DRUM-1-2MSD

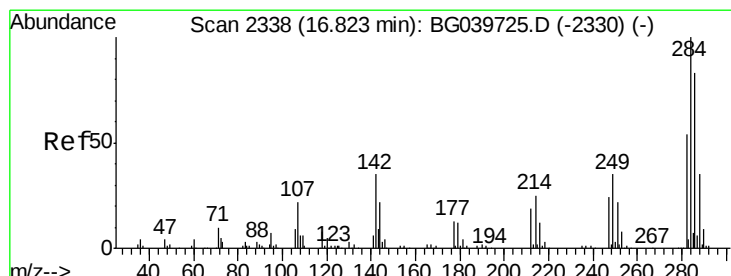
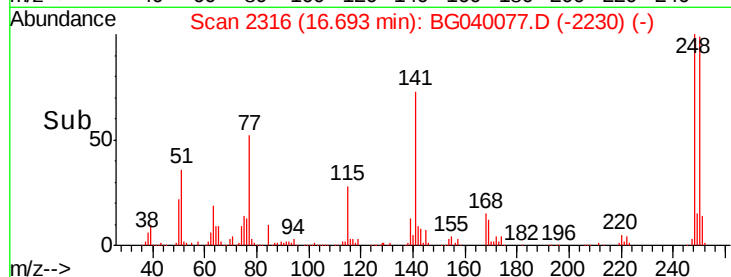
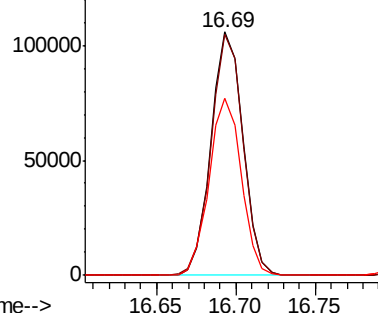
Tot Ion:	248	Resp:	148130
Ion Ratio	Lower	Upper	
248	100		
250	99.0	77.6	116.4
141	72.9	63.9	95.9

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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: 44.975 ng

RT: 16.81 min Scan# 2336

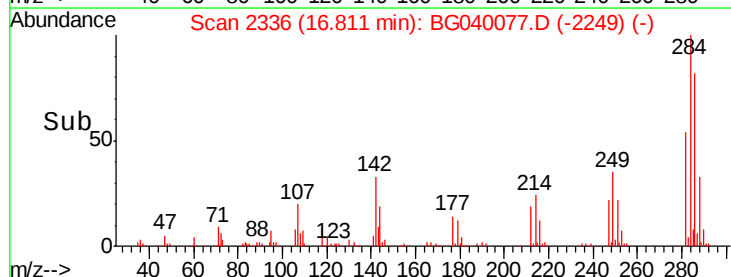
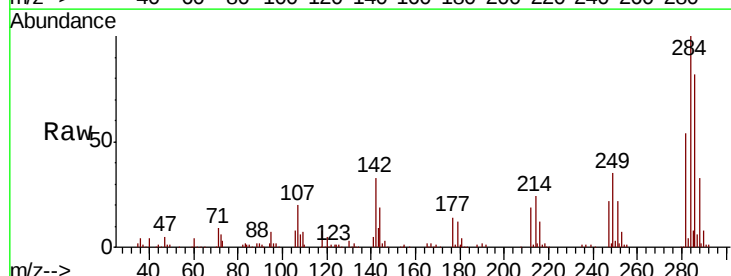
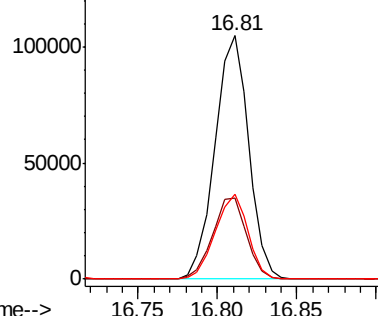
Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion:	284	Resp:	154306
Ion Ratio	Lower	Upper	
284	100		
142	33.1	30.6	45.8
249	35.0	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





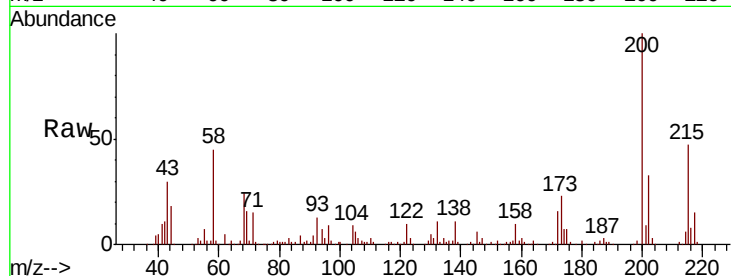
#69
 Atrazine
 Concen: 46.113 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.9	3.9	43.9
215	47.5	30.9	70.9

Manual Integrations
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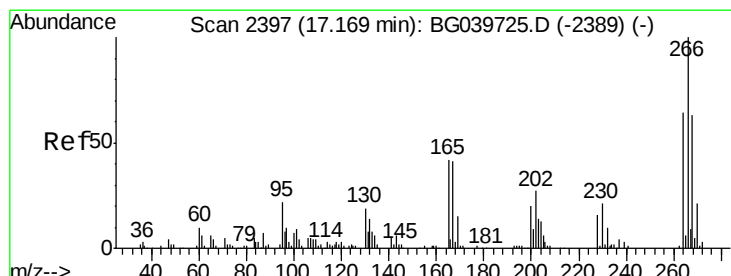
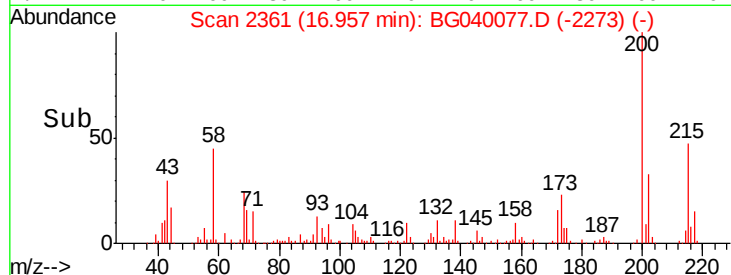
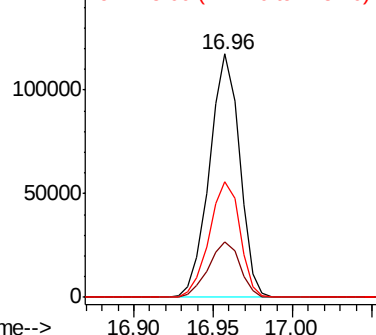


Abundance

Ion 200.00 (199.70 to 200.70): E

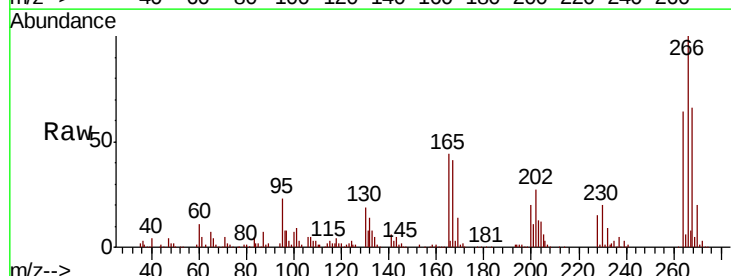
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.053 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.0	51.1	76.7
264	63.8	52.1	78.1

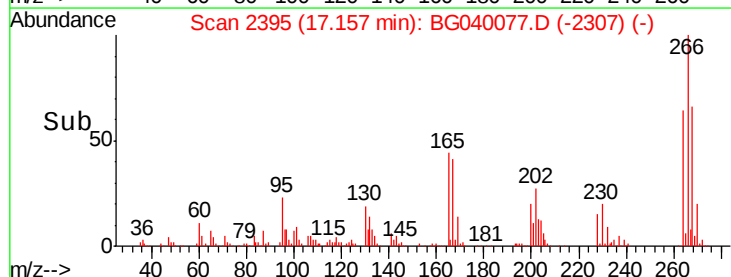
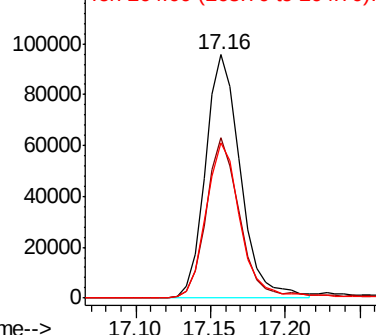


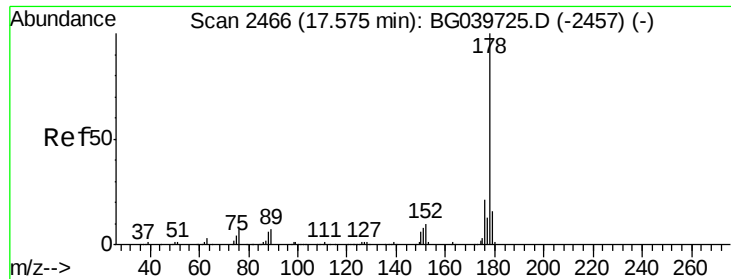
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





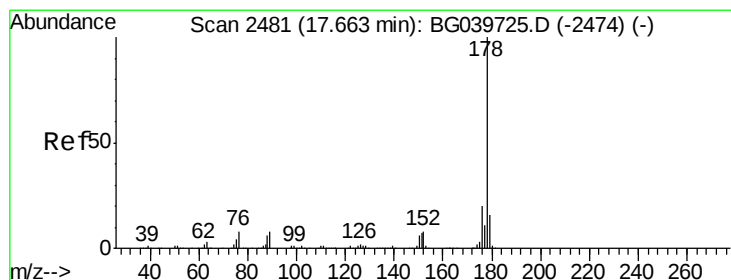
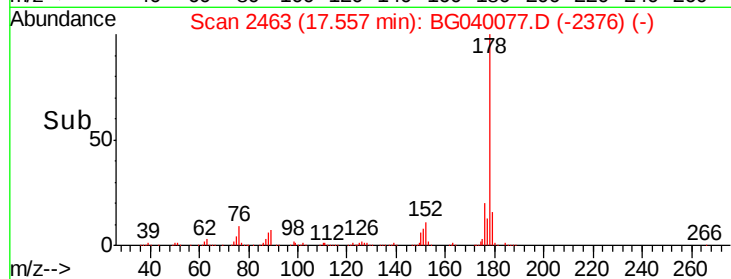
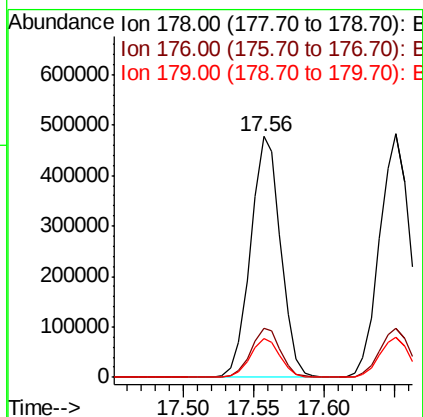
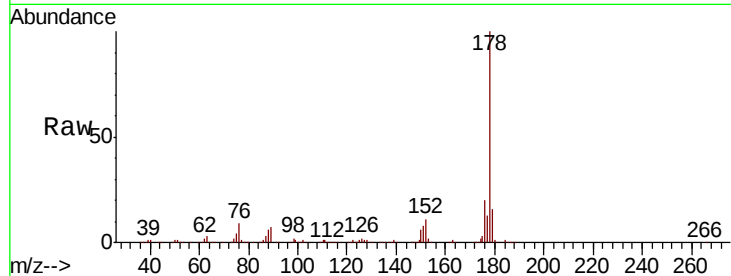
#71
Phenanthrene
Concen: 43.775 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	16.4	12.6	19.0

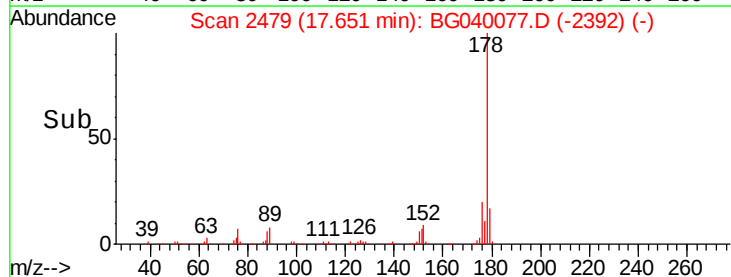
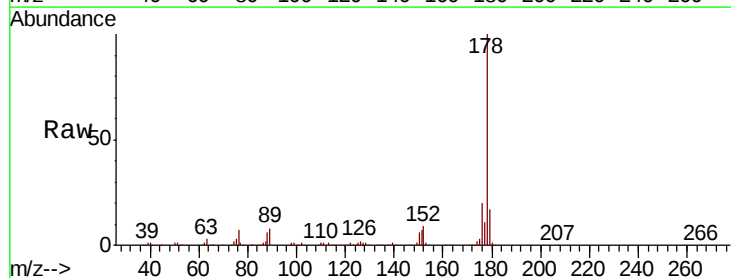
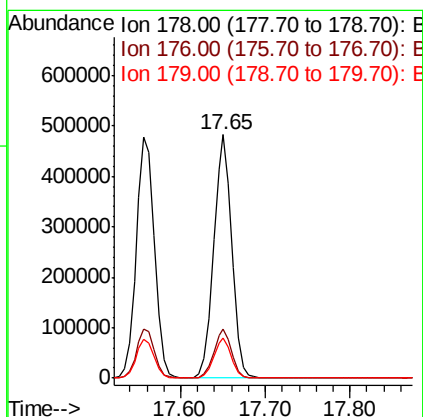
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#72
Anthracene
Concen: 45.772 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.6	12.5	18.7





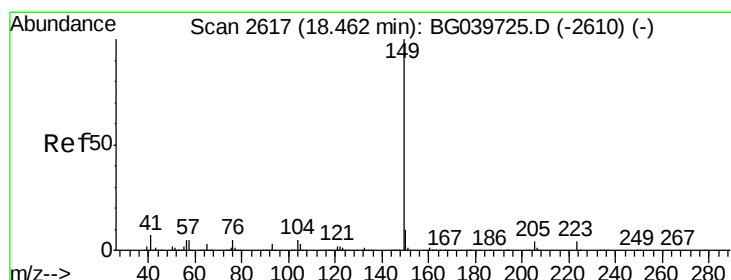
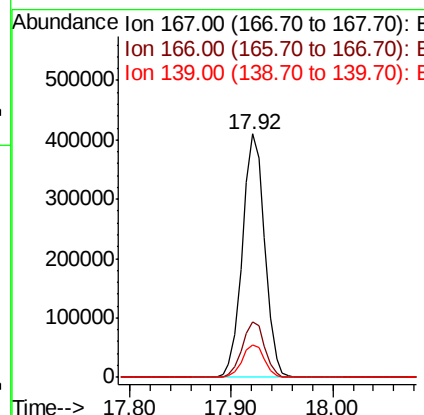
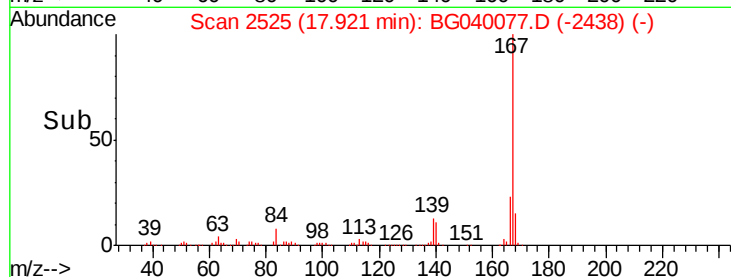
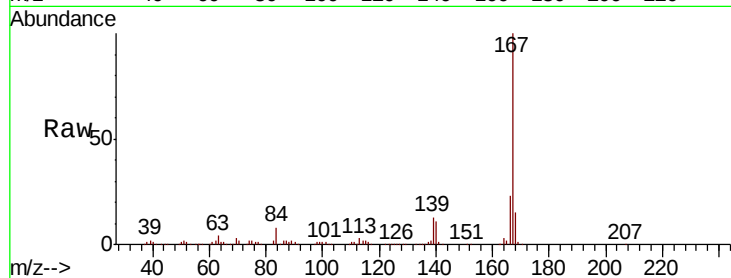
#73
 Carbazole
 Concen: 43.568 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.2
139	13.3	10.8	16.2

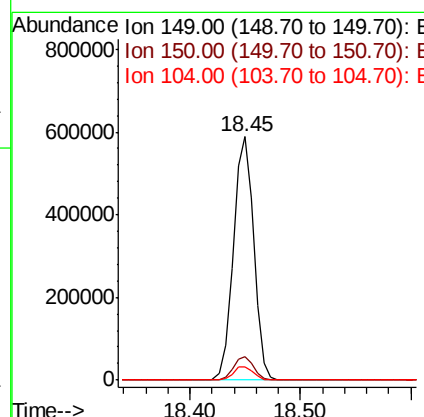
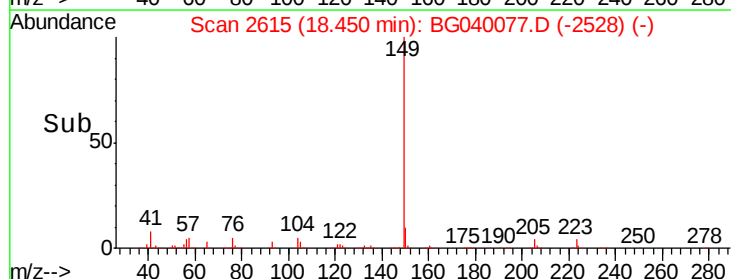
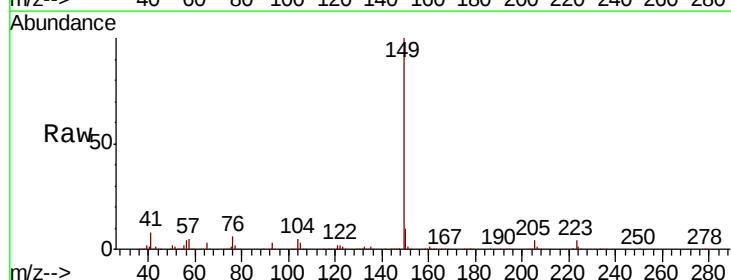
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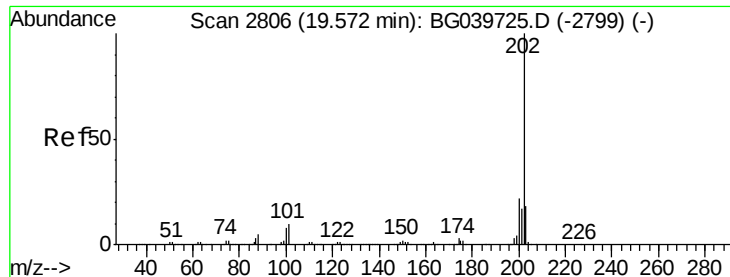
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#74
 Di-n-butylphthalate
 Concen: 45.145 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 43.180 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

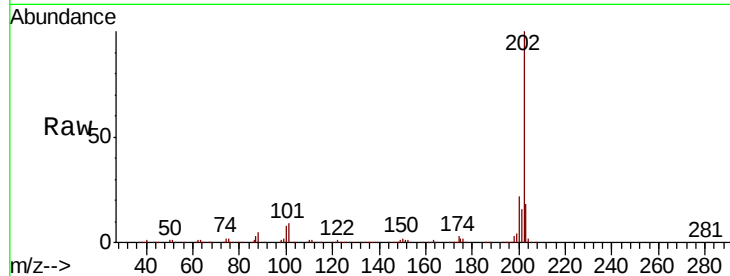
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	202	Resp:	831163
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.0
203	18.4	0.0	38.9

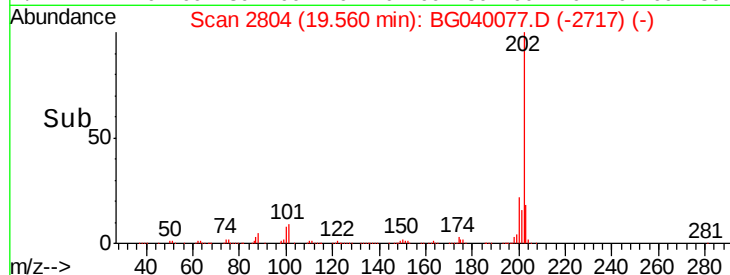
Manual Integrations
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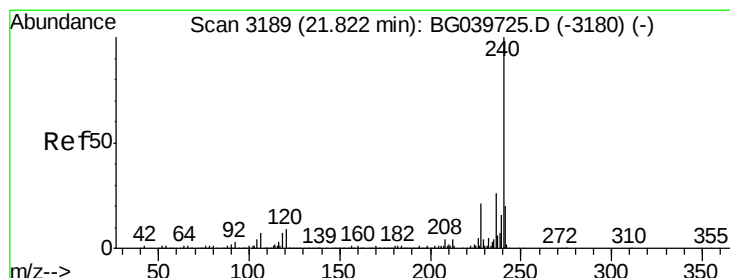


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.56



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

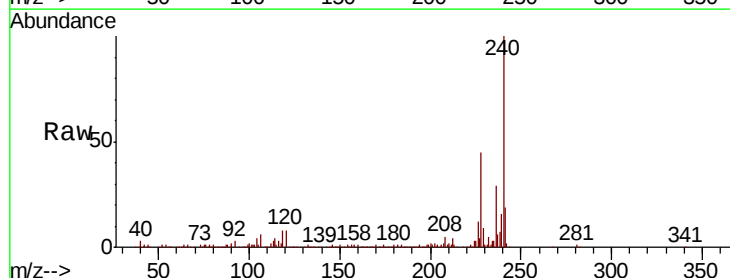
RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040077.D

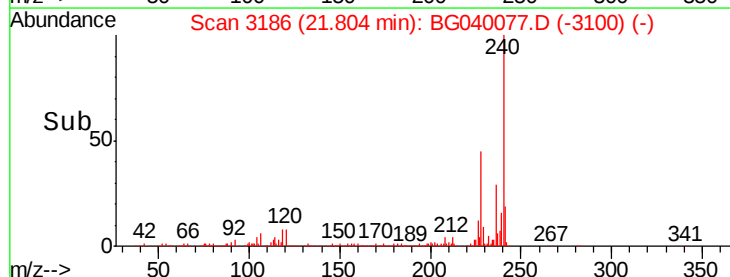
Acq: 21 Mar 2019 22:30

Tgt Ion:	240	Resp:	278424
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.0	10.6
236	29.2	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

21.80



Time-->



#77

Benzidine

Concen: 5.776 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

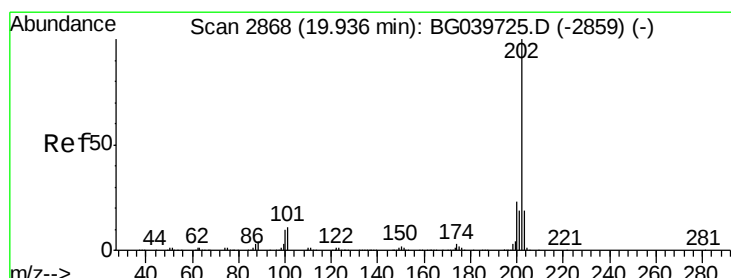
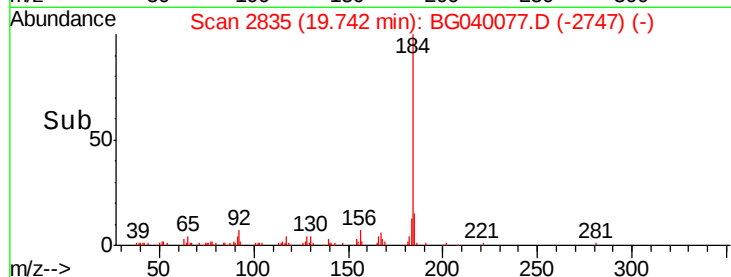
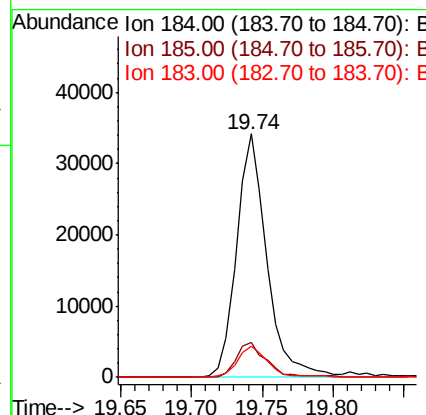
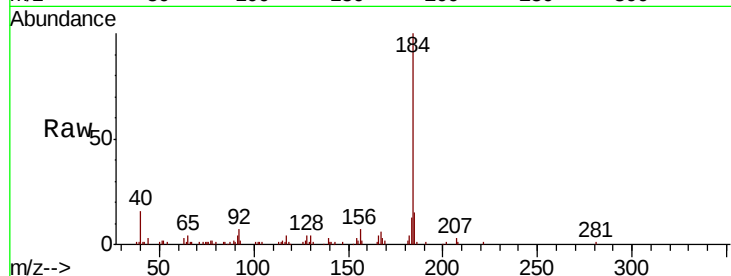
ClientSampleId :

DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	12.6	10.6	15.8

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#78

Pyrene

Concen: 45.972 ng

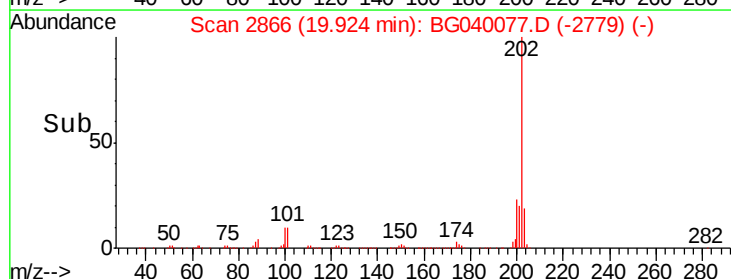
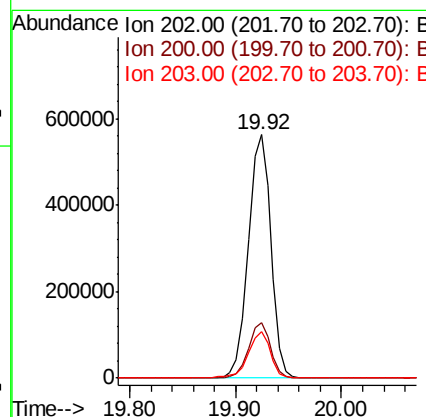
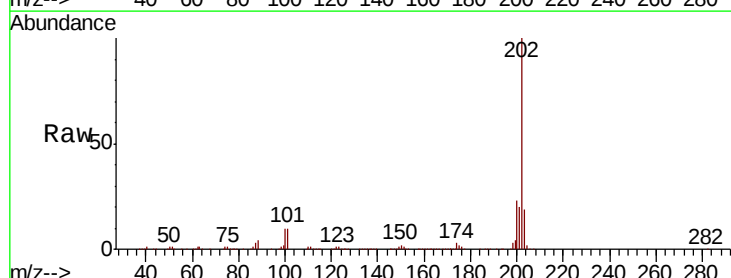
RT: 19.92 min Scan# 2866

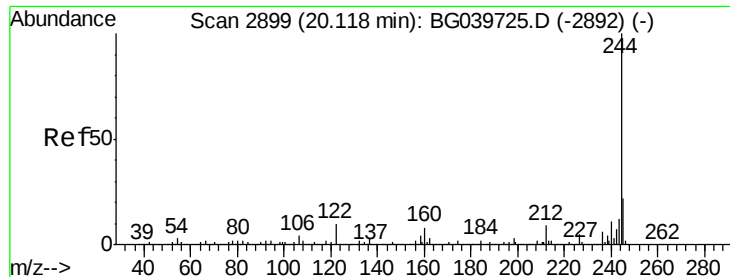
Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 92.849 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

ClientSampled :

DRUM-1-2MSD

Tot Ion:244 Resp: 1174102

Ion Ratio Lower Upper

244 100

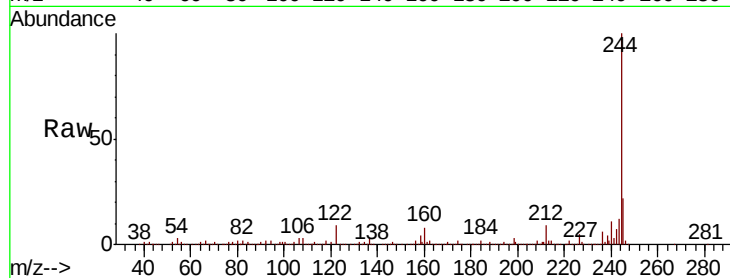
212 9.2 7.3 10.9

122 9.4 8.4 12.6

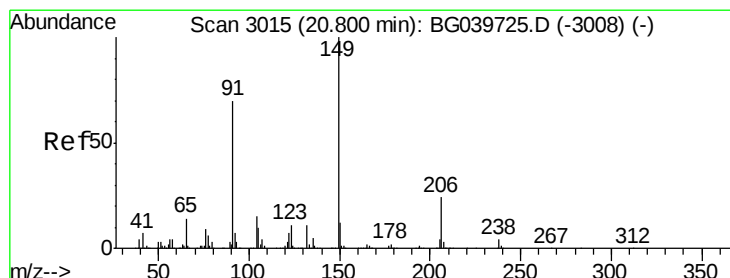
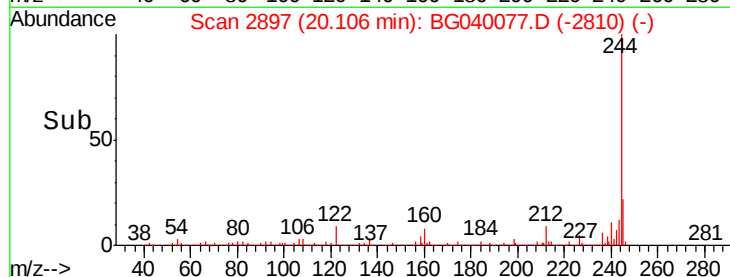
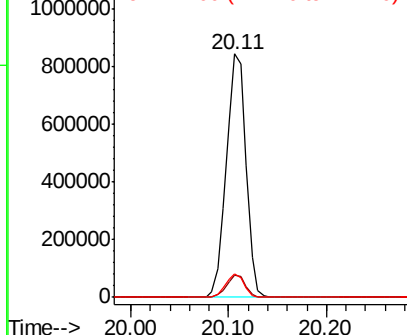
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.091 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

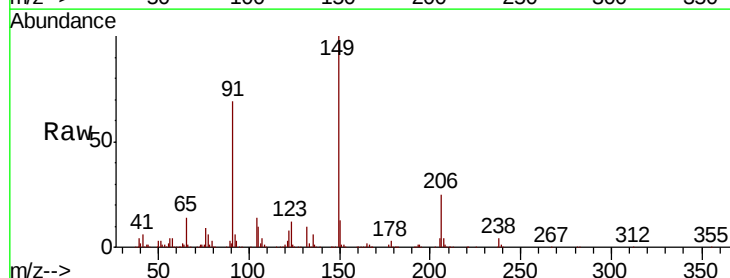
Tgt Ion:149 Resp: 337085

Ion Ratio Lower Upper

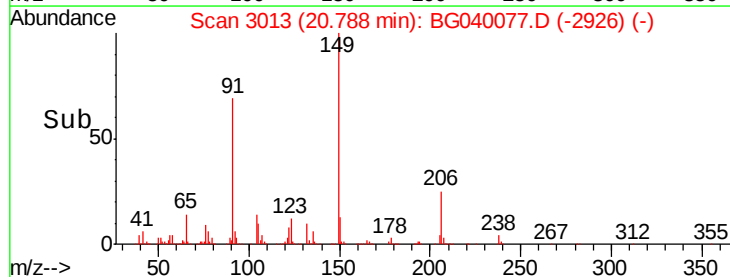
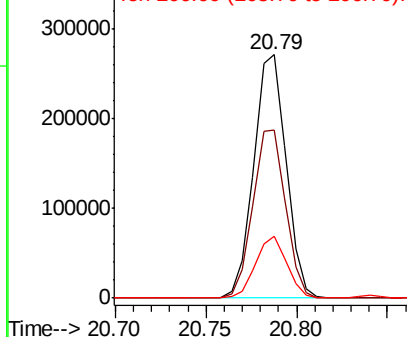
149 100

91 68.9 59.5 89.3

206 25.4 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





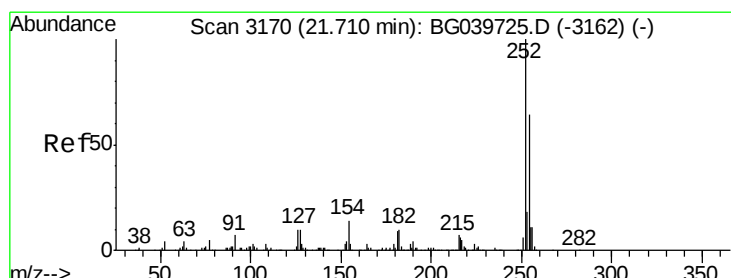
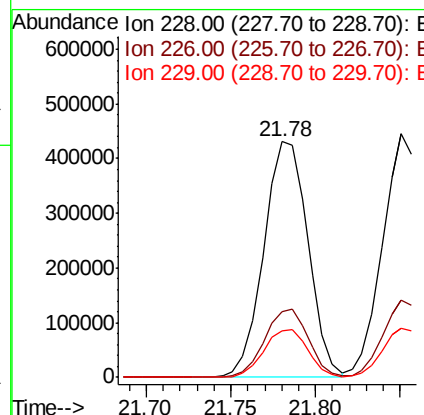
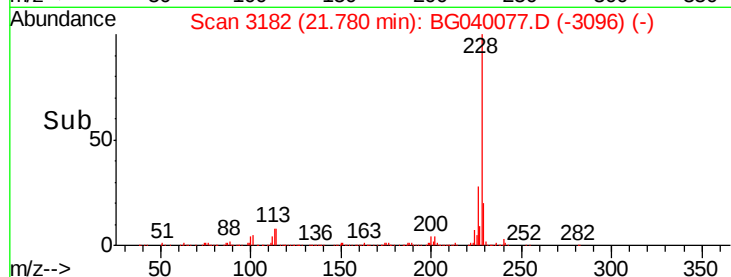
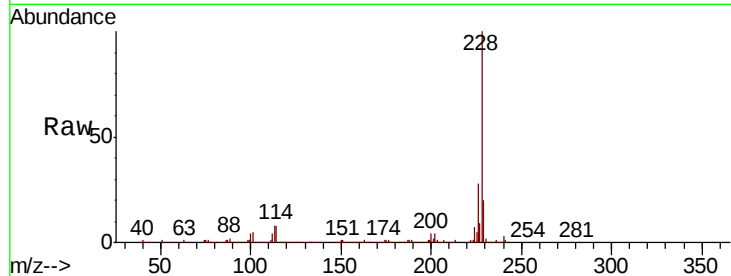
#81
Benzo(a)anthracene
Concen: 44.512 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.0	34.6
229	19.9	16.9	25.3

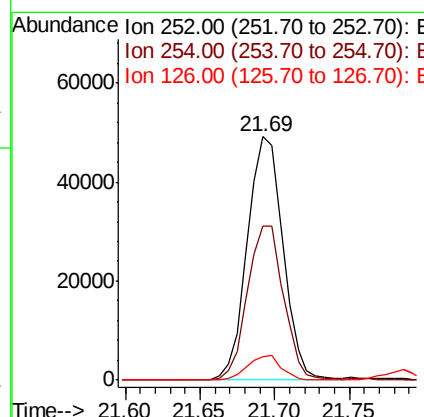
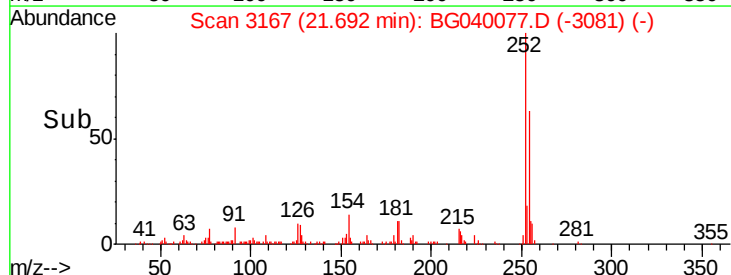
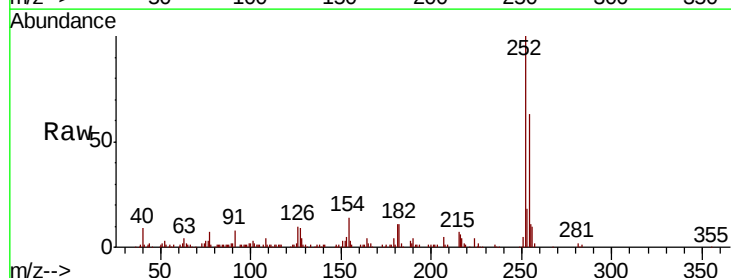
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 12.780 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	9.8	8.0	12.0





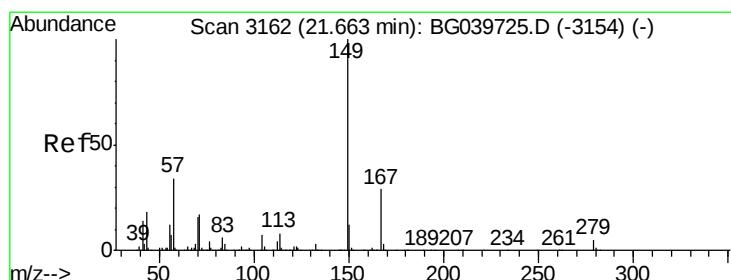
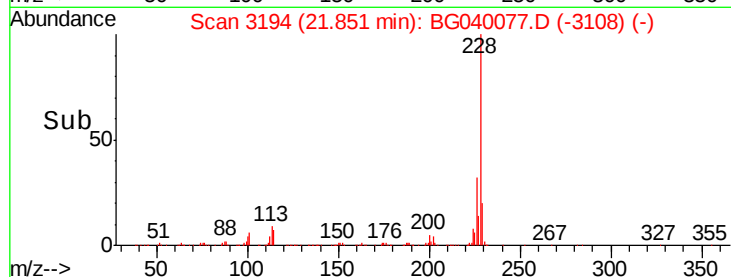
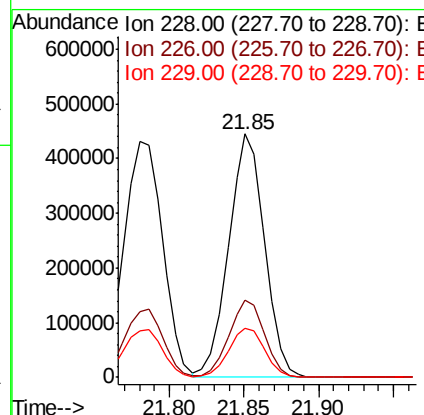
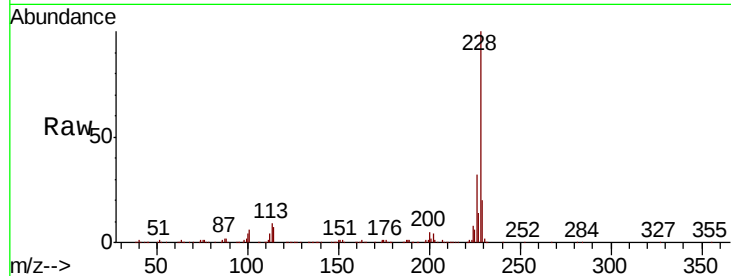
#83
 Chrysene
 Concen: 43.913 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1-2MSD

Tot Ion:	228	Resp:	742881
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.8	38.6
229	20.0	16.6	25.0

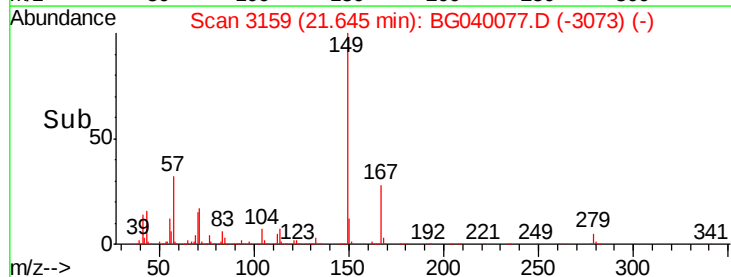
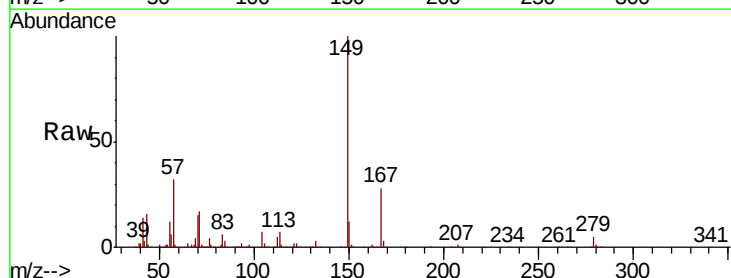
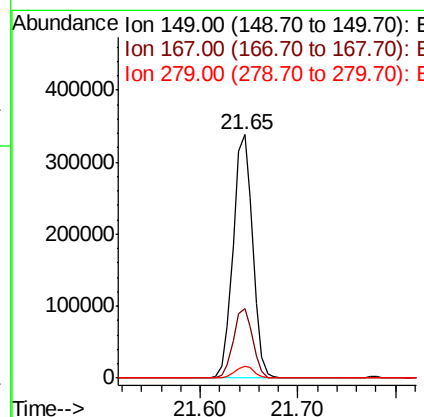
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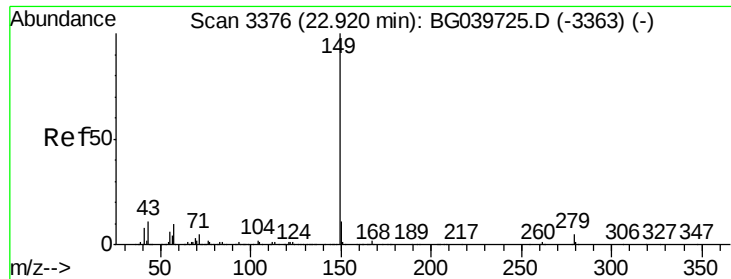
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.529 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG040077.D
 Acq: 21 Mar 2019 22:30

Tgt Ion:	149	Resp:	468152
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.6	34.0
279	5.1	3.5	5.3





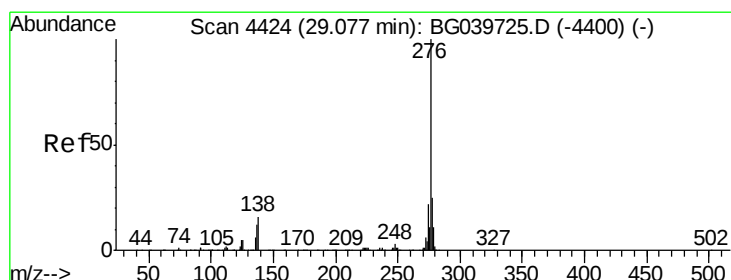
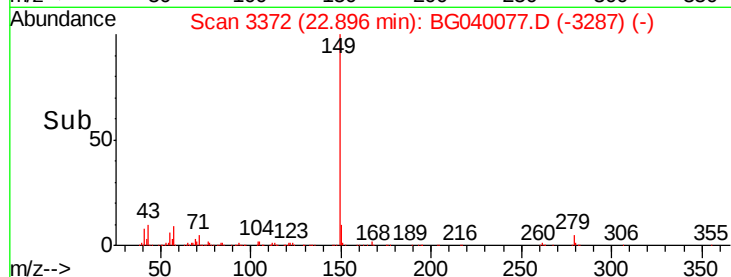
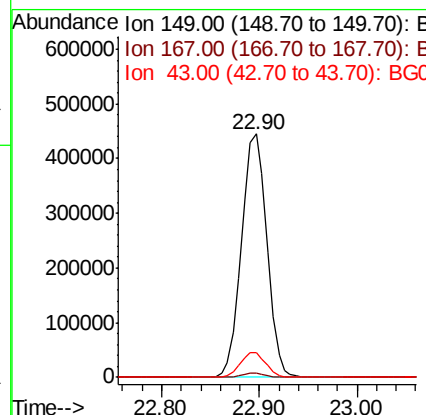
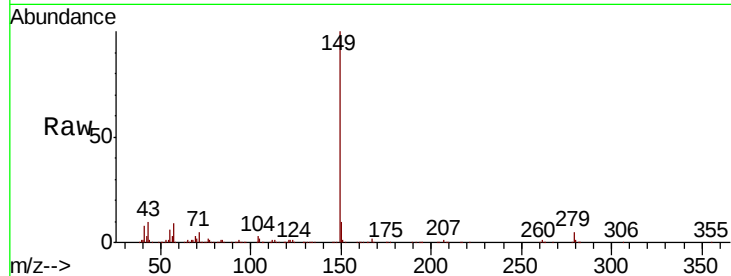
#85
Di-n-octyl phthalate
Concen: 49.246 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.2	10.2	15.4#

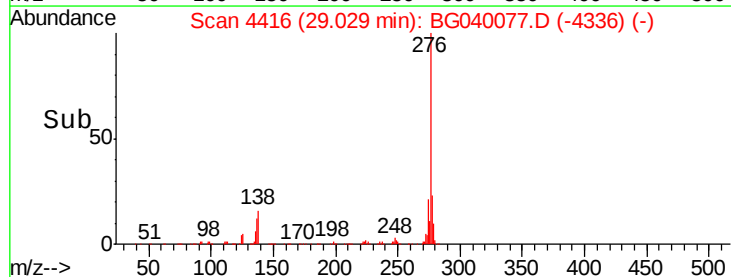
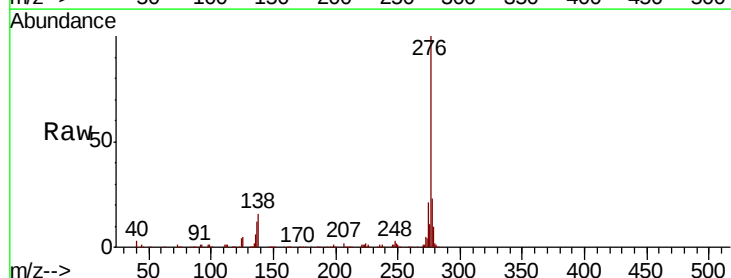
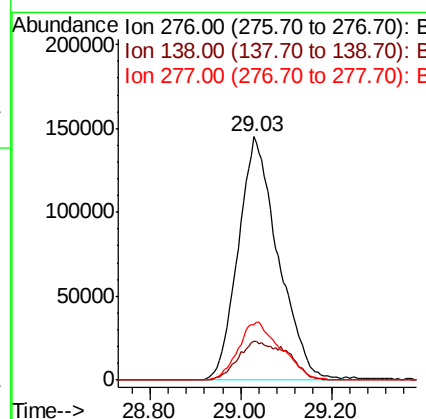
Manual Integrations
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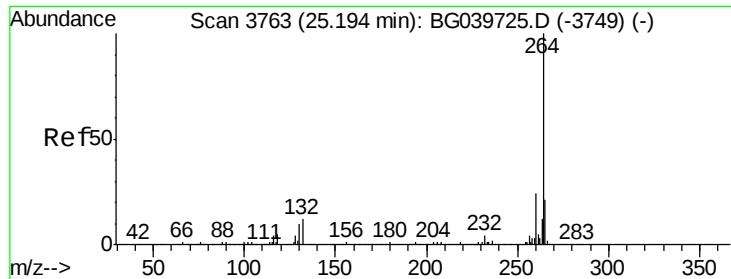
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.210 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.06 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	20.0	12.6	19.0#
277	25.7	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3758

Delta R.T. -0.04 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

Instrument :

BNA_G

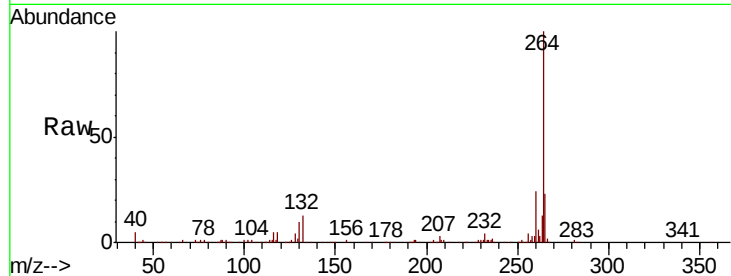
ClientSampleId :

DRUM-1-2MSD

Tot Ion:	264	Resp:	288079
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.2	27.4
265	22.7	18.5	27.7

Manual Integrations
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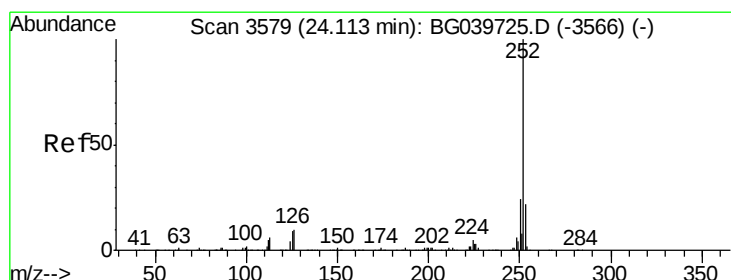
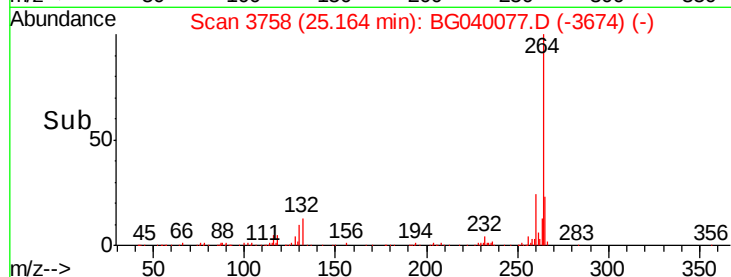
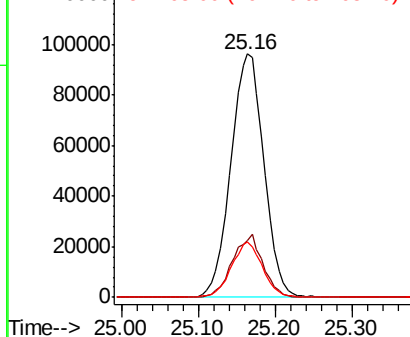


Abundance

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: 45.771 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040077.D

Acq: 21 Mar 2019 22:30

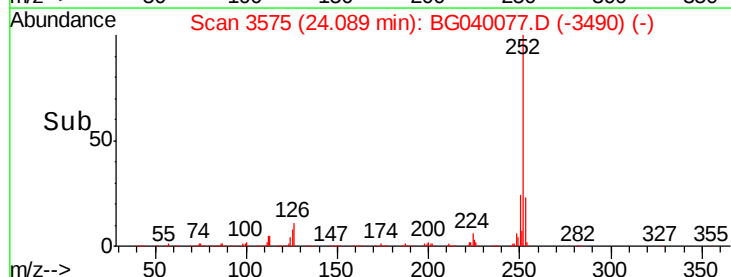
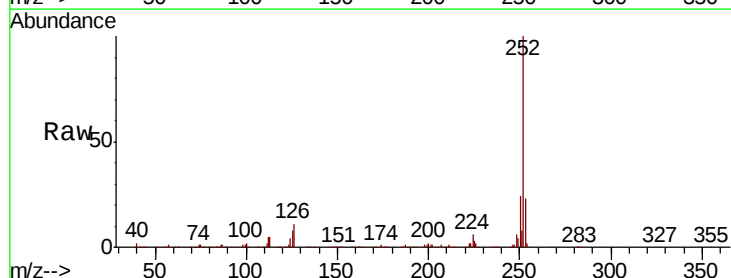
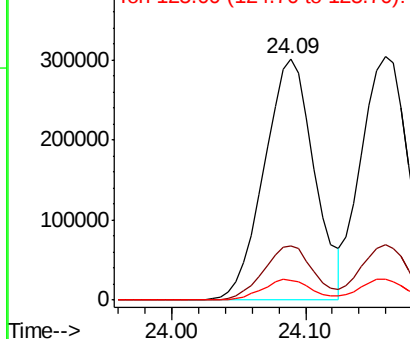
Tgt Ion:	252	Resp:	786281
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	8.1	7.8	11.6

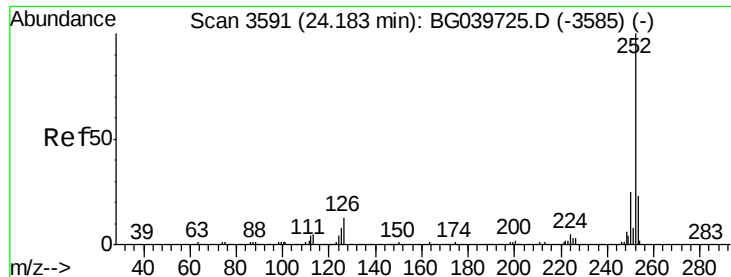
Abundance

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





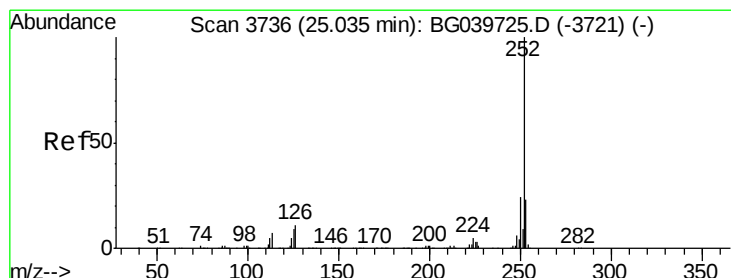
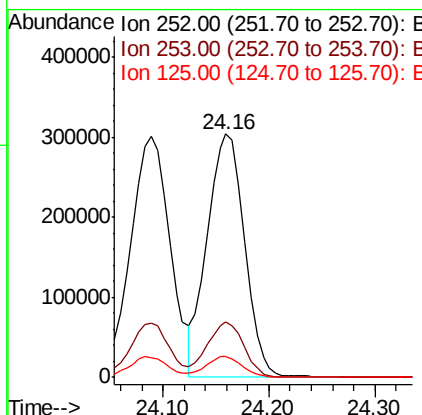
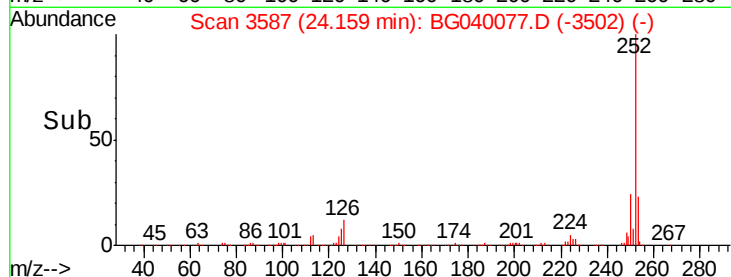
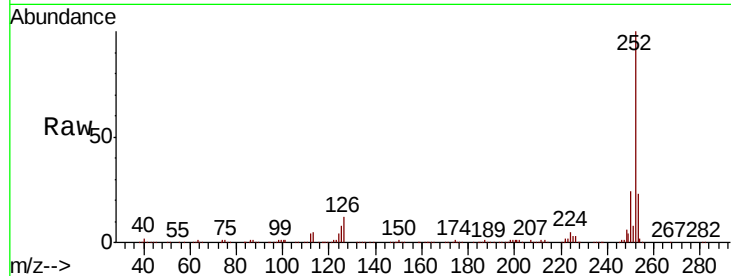
#89
Benzo(k)fluoranthene
Concen: 46.528 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.4	7.4	11.2

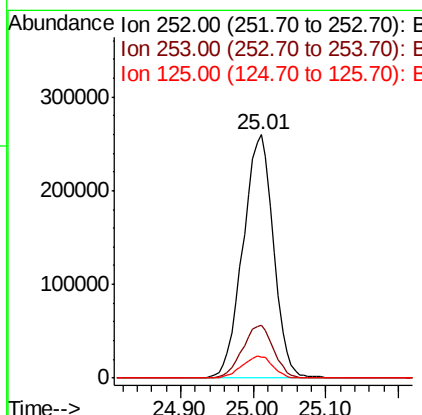
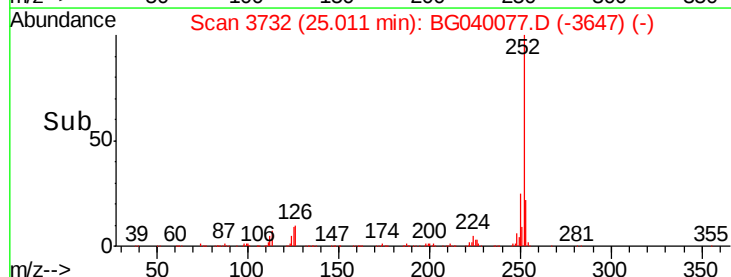
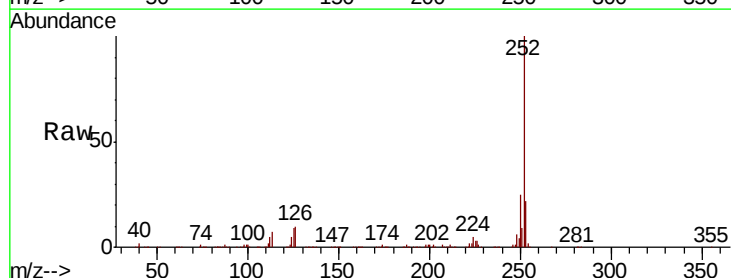
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#90
Benzo(a)pyrene
Concen: 47.725 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	8.7	8.3	12.5





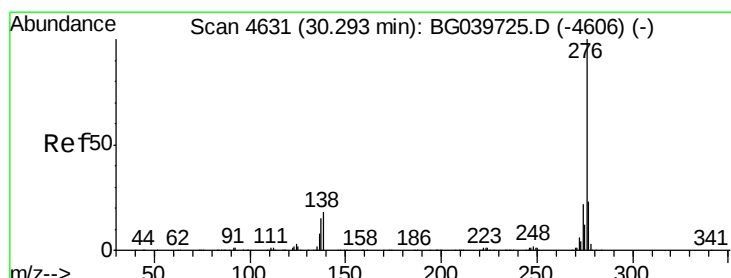
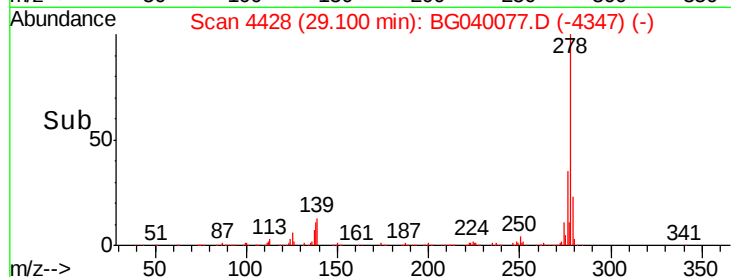
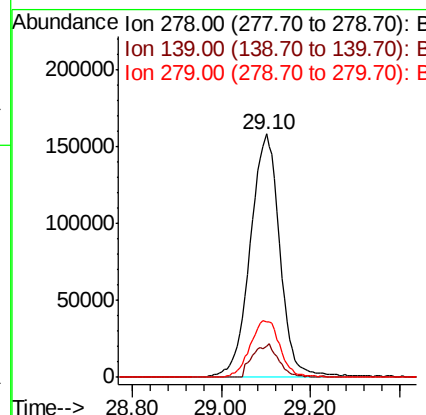
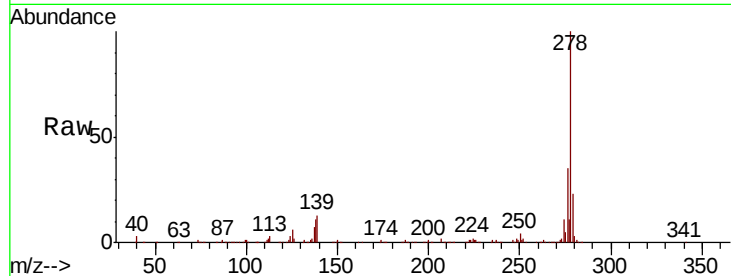
#91
Dibenzo(a,h)anthracene
Concen: 46.284 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.7	17.5
279	22.6	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.925 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG040077.D
Acq: 21 Mar 2019 22:30

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

