

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039604.D
 Acq On : 26 Feb 2019 17:21
 Operator : JU/SJ
 Sample : K1586-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-1MSD

Manual Integrations
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Sohil
 2/27/2019 4:21:46 PM

Quant Time: Feb 27 03:12:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59714	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	256164	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	172923	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	405984	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	398191	20.00	ng	-0.02
87) Perylene-d12	25.21	264	415220	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	469098	134.45	ng	0.00
7) Phenol-d6	7.32	99	676160	131.66	ng	0.00
23) Nitrobenzene-d5	9.35	82	400078	97.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	270342	145.18	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	913553	75.79	ng	-0.02
79) Terphenyl-d14	20.13	244	1316918	70.00	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	51616	33.821	ng	92
3) Pyridine	4.01	79	144801	35.836	ng	97
4) n-Nitrosodimethylamine	3.93	42	78470	38.831	ng	85
6) Aniline	7.50	93	188718	29.337	ng	98
8) 2-Chlorophenol	7.73	128	164141	43.039	ng	95
9) Benzaldehyde	7.31	77	77356	27.500	ng	94
10) Phenol	7.34	94	253140	47.285	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	159922	37.804	ng	97
12) 1,3-Dichlorobenzene	8.05	146	173327	37.516	ng	97
13) 1,4-Dichlorobenzene	8.20	146	180544	39.207	ng	97
14) 1,2-Dichlorobenzene	8.52	146	172017	38.587	ng	98
15) Benzyl Alcohol	8.41	79	159427	39.541	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	314822	32.955	ng	99
17) 2-Methylphenol	8.60	107	145085	41.879	ng	99
18) Hexachloroethane	9.25	117	64352	40.619	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	135665	37.219	ng	89
20) 3+4-Methylphenols	8.93	107	204237	42.811	ng	97
22) Acetophenone	9.00	105	252400	36.681	ng	# 95
24) Nitrobenzene	9.39	77	195759	44.191	ng	98
25) Isophorone	9.90	82	384050	42.265	ng	99
26) 2-Nitrophenol	10.10	139	99919	54.976	ng	96
27) 2,4-Dimethylphenol	10.14	122	173849	47.296	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	232587	41.557	ng	99
29) 2,4-Dichlorophenol	10.63	162	183925	45.783	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	189651	42.048	ng	99
31) Naphthalene	11.04	128	531322	41.810	ng	98
32) Benzoic acid	10.23	122	35520	21.005	ng	92
33) 4-Chloroaniline	11.15	127	112485	19.090	ng	95
34) Hexachlorobutadiene	11.30	225	124443	41.488	ng	95
35) Caprolactam	11.93	113	63039m	37.920	ng	
36) 4-Chloro-3-methylphenol	12.25	107	195805	42.144	ng	97
37) 2-Methylnaphthalene	12.63	142	407595	43.304	ng	98
38) 1-Methylnaphthalene	12.85	142	388314	42.799	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	229450	41.704	ng	99

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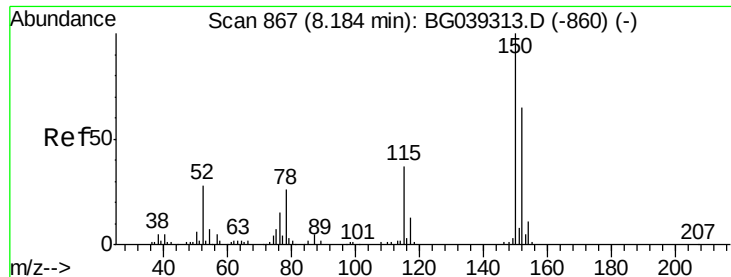
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Quant Time: Feb 27 03:12:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	261974	87.381	nq	97
43) 2,4,6-Trichlorophenol	13.23	196	154393	45.640	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	164427	46.376	nq	97
46) 1,1'-Biphenyl	13.63	154	544623	37.854	nq	99
47) 2-Chloronaphthalene	13.68	162	428887	39.626	nq	98
48) 2-Nitroaniline	13.88	65	144177	46.653	nq	96
49) Acenaphthylene	14.52	152	676498	41.422	nq	98
50) Dimethylphthalate	14.24	163	621550	44.505	nq	99
51) 2,6-Dinitrotoluene	14.37	165	123923	47.548	nq	98
52) Acenaphthene	14.86	154	418840	39.508	nq	99
53) 3-Nitroaniline	14.70	138	80435	30.905	nq	# 93
54) 2,4-Dinitrophenol	14.90	184	148542	109.191	nq	99
55) Dibenzofuran	15.19	168	675621	39.748	nq	98
56) 4-Nitrophenol	15.00	139	222843	87.652	nq	92
57) 2,4-Dinitrotoluene	15.15	165	182286	53.457	nq	87
58) Fluorene	15.84	166	537454	42.417	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	167019	50.311	nq	95
60) Diethylphthalate	15.59	149	572306	39.634	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	284137	39.603	nq	98
62) 4-Nitroaniline	15.87	138	135257	46.343	nq	93
63) Azobenzene	16.11	77	512284	36.297	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	107056	60.621	nq	97
66) n-Nitrosodiphenylamine	16.04	169	493779	40.000	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	189366	42.045	nq	96
68) Hexachlorobenzene	16.83	284	192593	42.620	nq	94
69) Atrazine	16.98	200	184723	40.947	nq	99
70) Pentachlorophenol	17.18	266	254446	81.017	nq	99
71) Phenanthrene	17.58	178	897089	42.693	nq	99
72) Anthracene	17.67	178	905083	43.729	nq	99
73) Carbazole	17.94	167	802112	38.833	nq	100
74) Di-n-butylphthalate	18.47	149	963069	39.965	nq	99
75) Fluoranthene	19.58	202	1052895	43.171	nq	99
77) Benzidine	19.76	184	515483	39.486	nq	100
78) Pyrene	19.94	202	1050921	42.396	nq	99
80) Butylbenzylphthalate	20.81	149	445840	42.637	nq	95
81) Benzo(a)anthracene	21.81	228	1034413	43.964	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	233841	26.803	nq	99
83) Chrysene	21.88	228	963032	42.996	nq	100
84) Bis(2-ethylhexyl)phthalate	21.67	149	617317	41.381	nq	99
85) Di-n-octyl phthalate	22.93	149	1062550	43.113	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1164959	48.477	nq	100
88) Benzo(b)fluoranthene	24.12	252	1014234	44.790	nq	99
89) Benzo(k)fluoranthene	24.19	252	970935	42.708	nq	99
90) Benzo(a)pyrene	25.04	252	990212	45.406	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	932565	45.662	nq	98
92) Benzo(g,h,i)perylene	30.32	276	967648	47.535	nq	99

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



#1

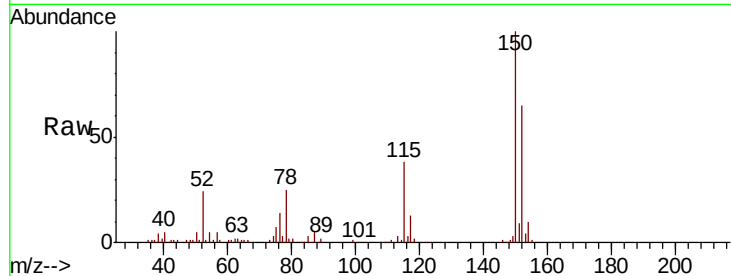
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	59.2	45.9	68.9

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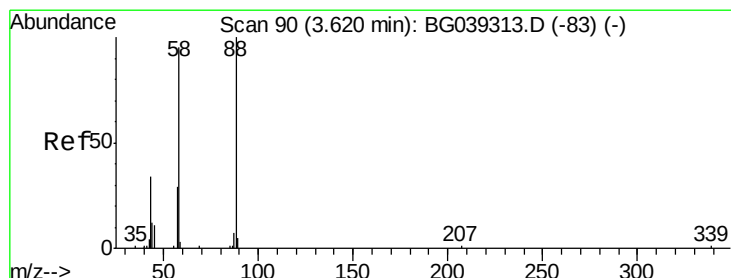
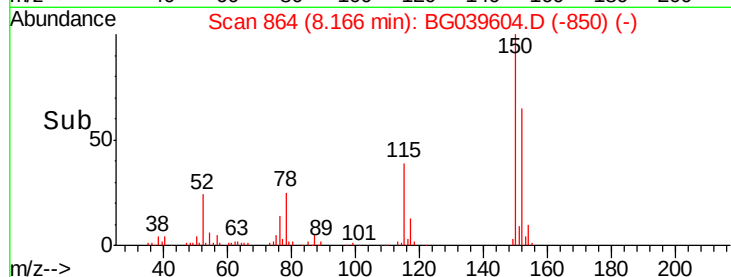
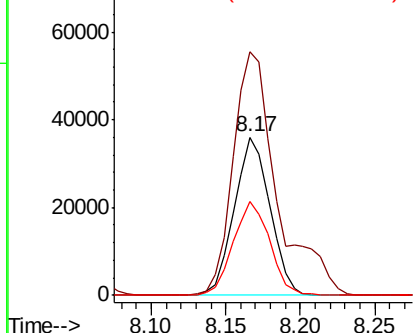


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

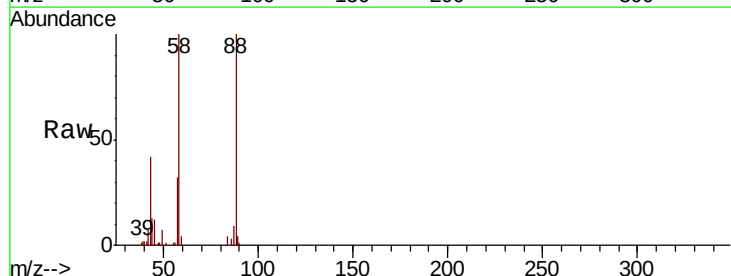
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.821 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.9	81.1	121.7
43	36.1	31.4	47.0

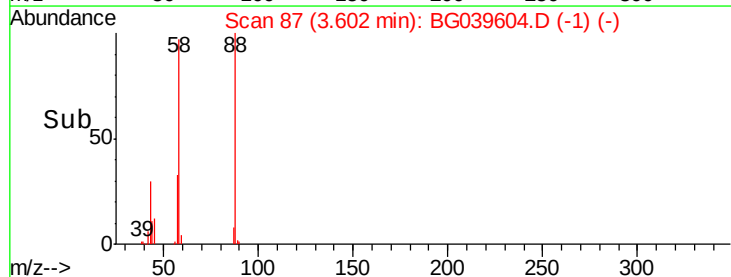
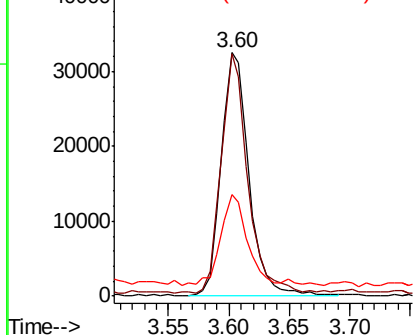


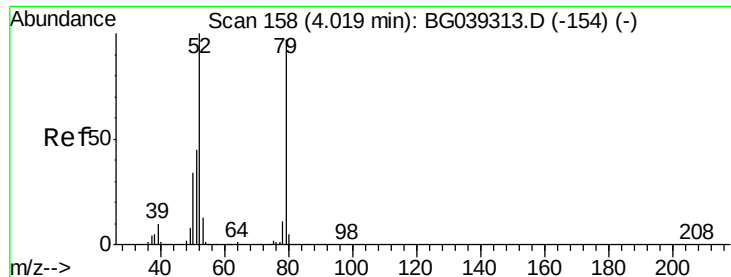
Abundance

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: 35.836 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

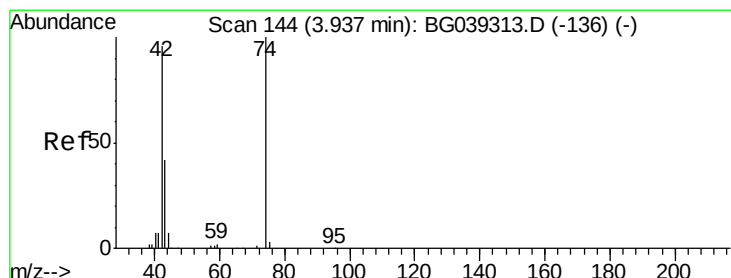
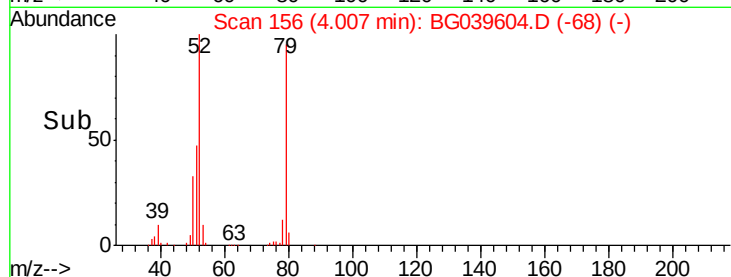
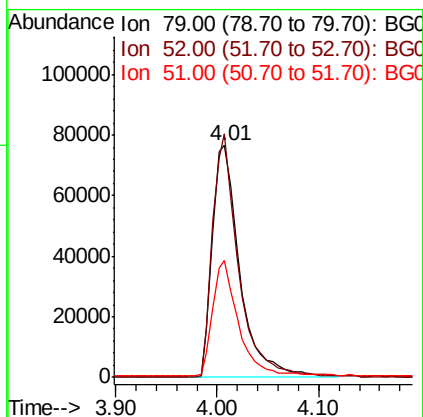
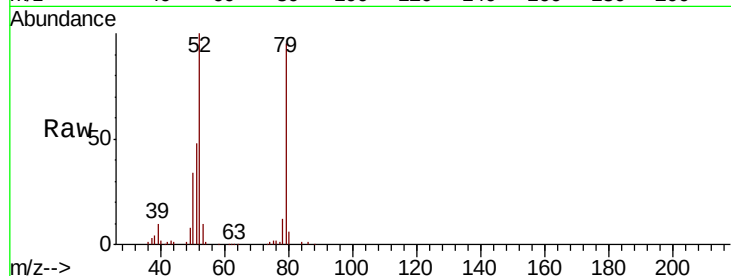
ClientSampled :

M-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	105.0	82.6	124.0
51	51	50.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.831 ng

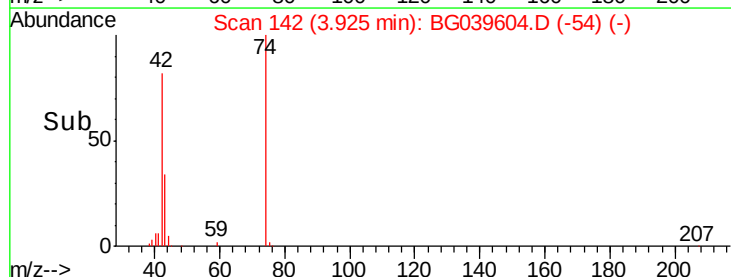
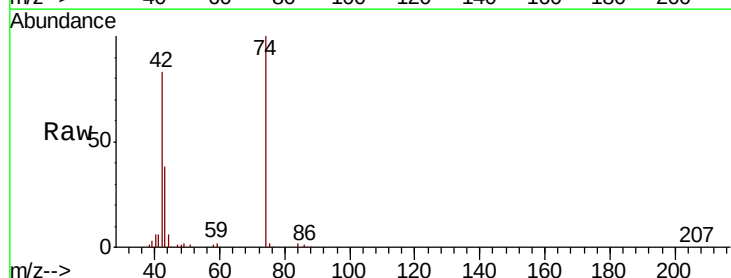
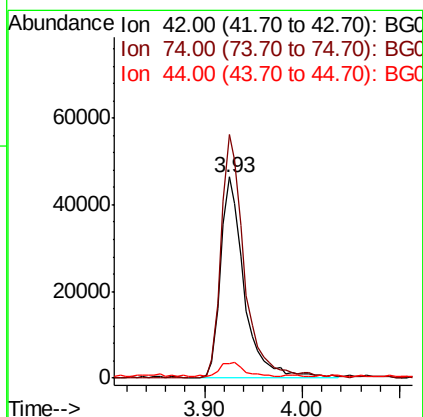
RT: 3.93 min Scan# 142

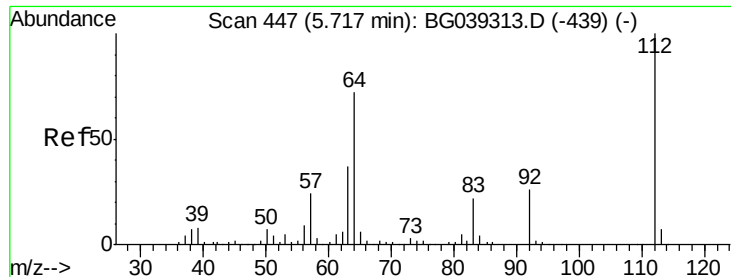
Delta R.T. -0.01 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	121.0	83.6	125.4
44	44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 134.452 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

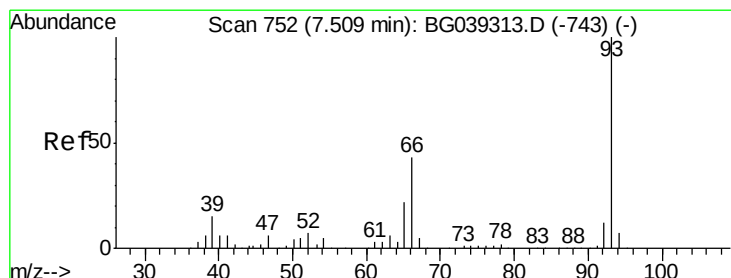
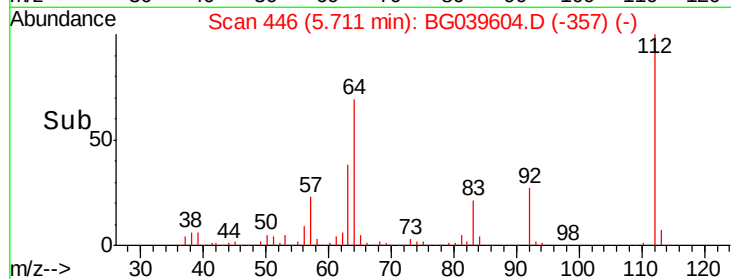
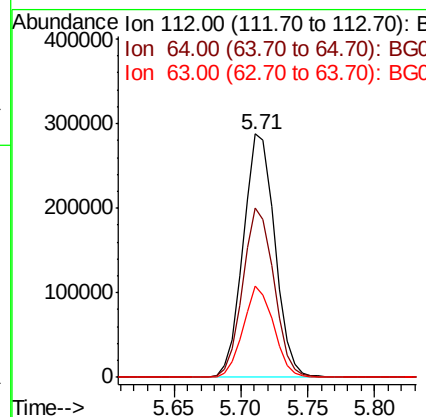
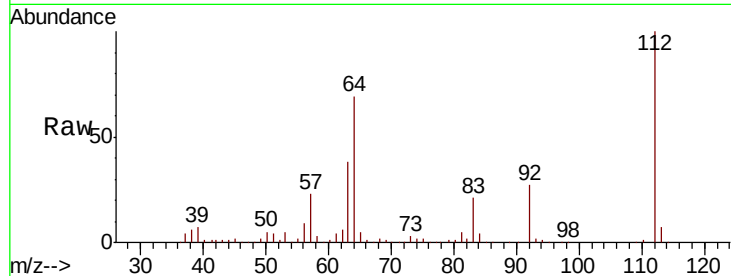
ClientSampled :

M-1MSD

Tot Ion:	112	Resp:	469098
Ion Ratio	Lower	Upper	
112	100		
64	69.3	57.8	86.8
63	37.7	29.8	44.6

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#6

Aniline

Concen: 29.337 ng

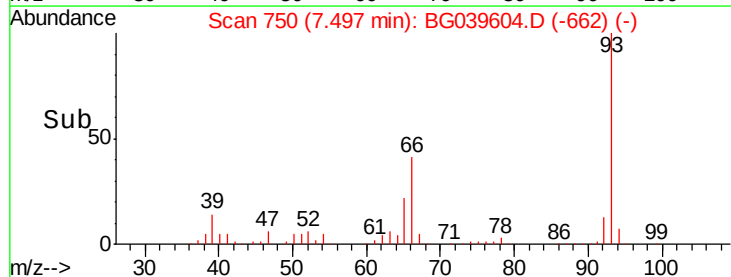
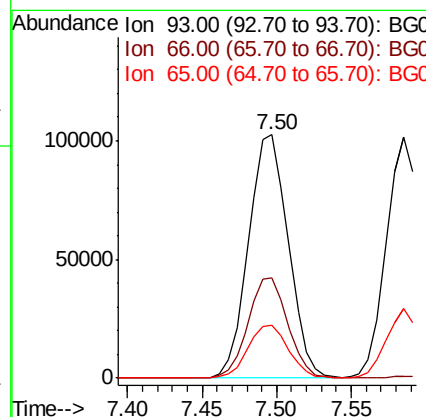
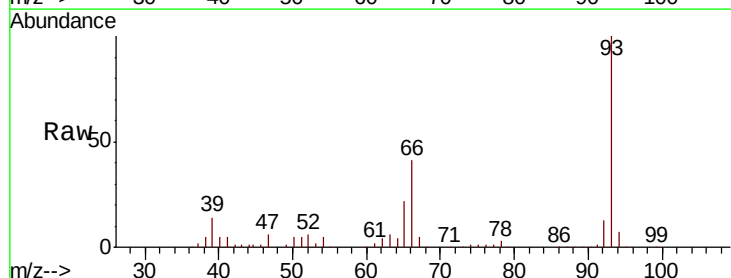
RT: 7.50 min Scan# 750

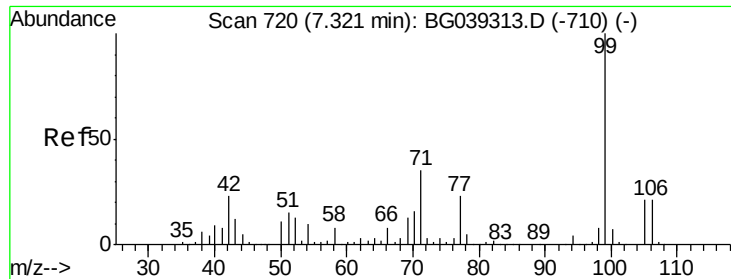
Delta R.T. -0.01 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	93	Resp:	188718
Ion Ratio	Lower	Upper	
93	100		
66	41.3	34.2	51.4
65	21.5	17.7	26.5





#7

Phenol-d6

Concen: 131.660 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

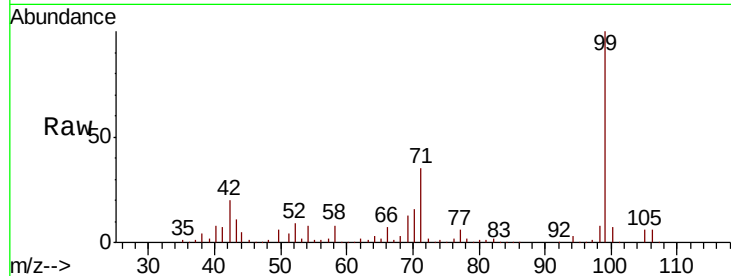
ClientSampled :

M-1MSD

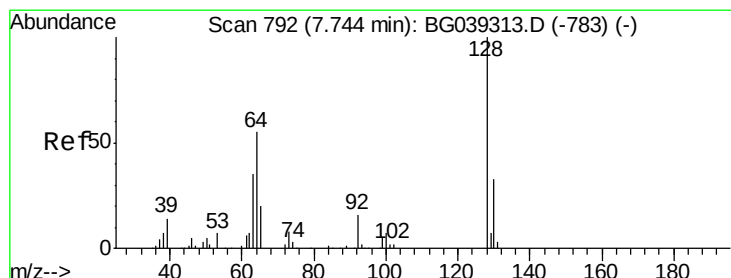
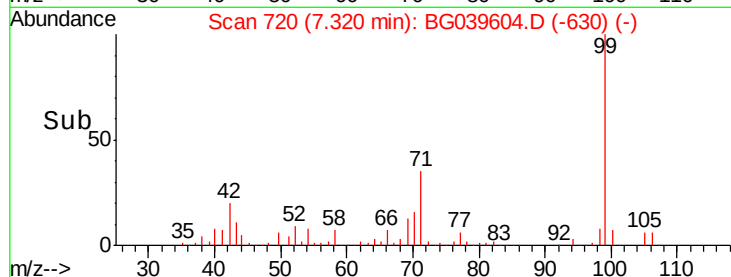
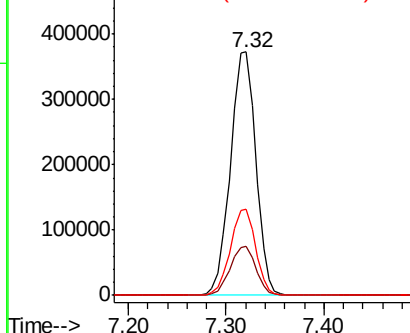
Tot Ion:	99	Resp:	676160
Ion Ratio	Lower	Upper	
99	100		
42	20.2	18.2	27.2
71	35.2	28.0	42.0

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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: 43.039 ng

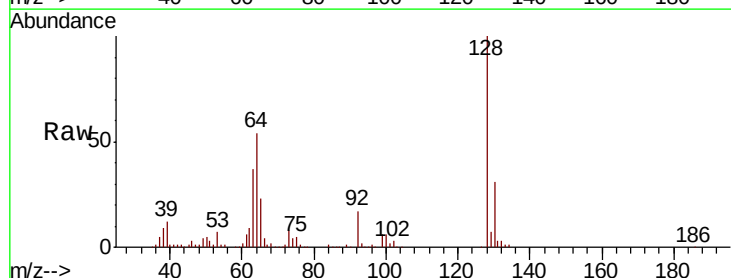
RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

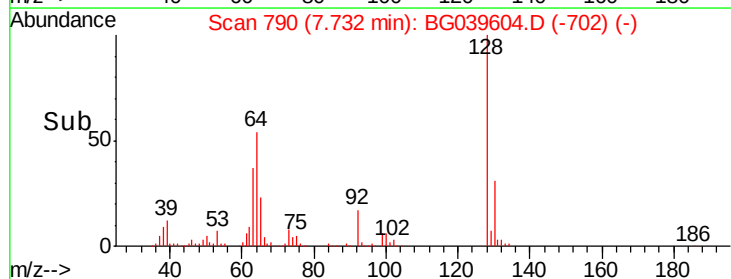
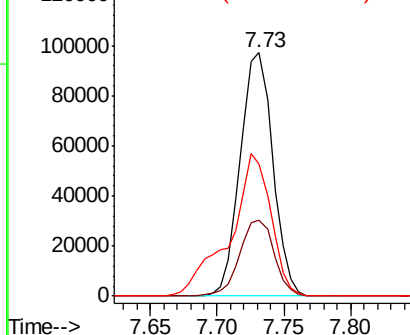
Lab File: BG039604.D

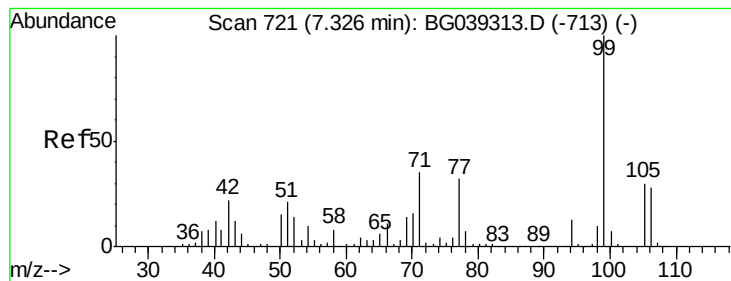
Acq: 26 Feb 2019 17:21

Tgt Ion:	128	Resp:	164141
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.9	52.9
64	54.3	38.7	78.7



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





#9

Benzaldehyde

Concen: 27.500 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

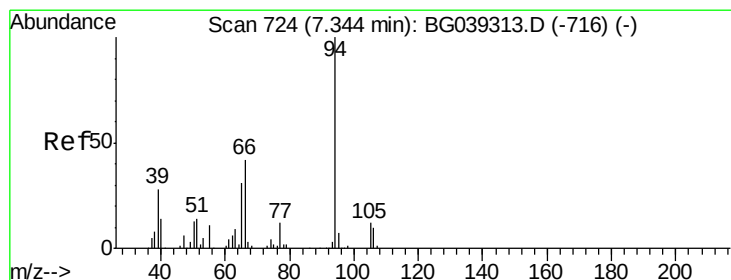
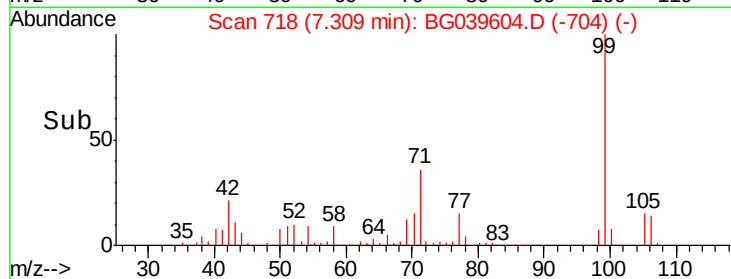
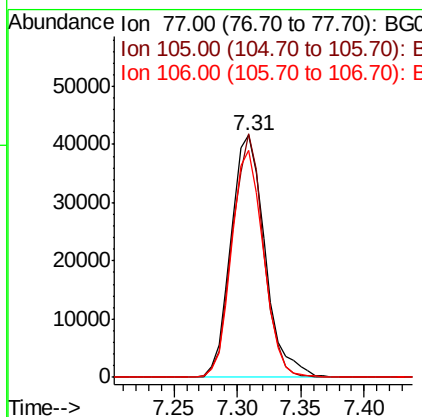
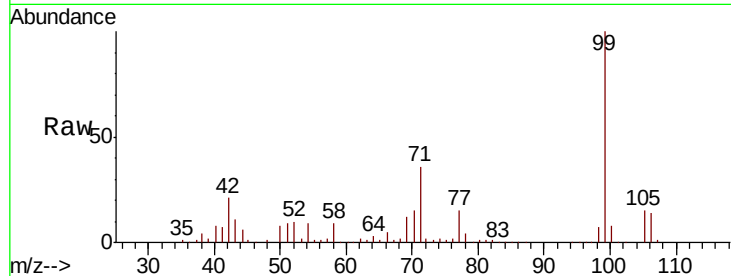
ClientSampled :

M-1MSD

Tot Ion:	77	Resp:	77356
Ion Ratio	Lower	Upper	
77	100		
105	100.5	74.5	114.5
106	93.8	68.0	108.0

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#10

Phenol

Concen: 47.285 ng

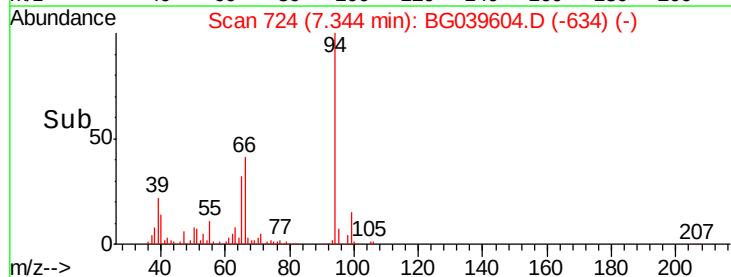
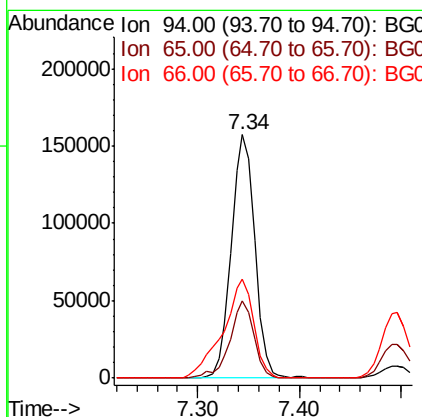
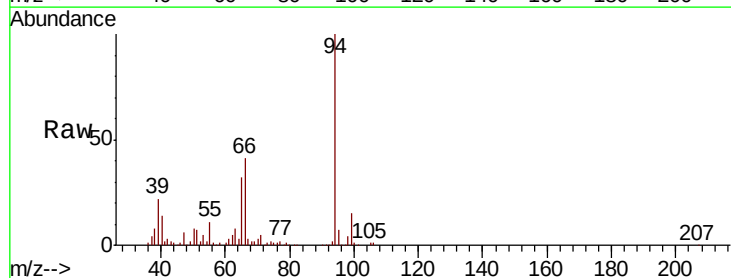
RT: 7.34 min Scan# 724

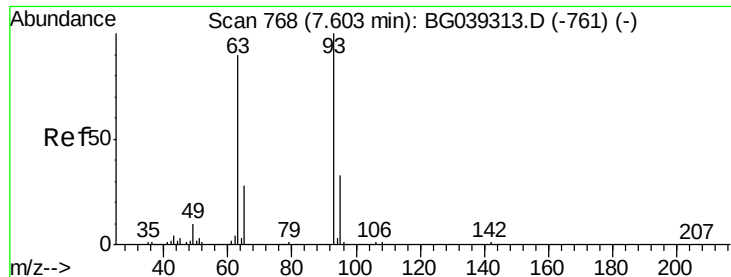
Delta R.T. -0.00 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	94	Resp:	253140
Ion Ratio	Lower	Upper	
94	100		
65	31.8	11.7	51.7
66	40.6	23.7	63.7





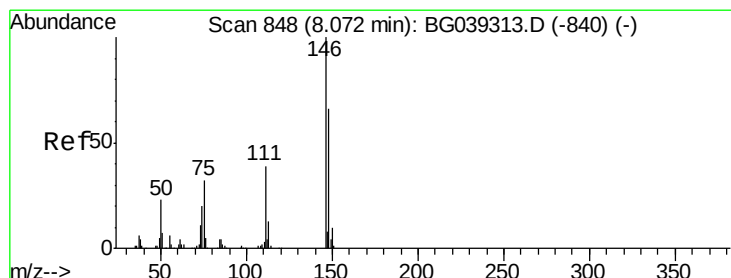
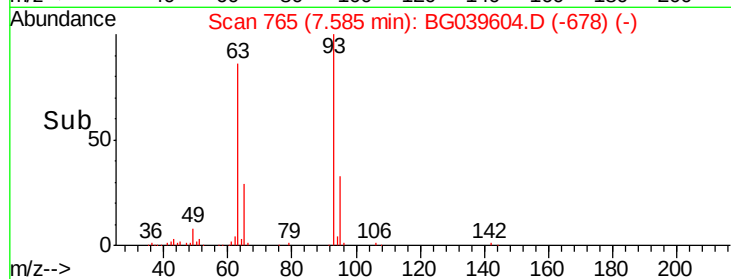
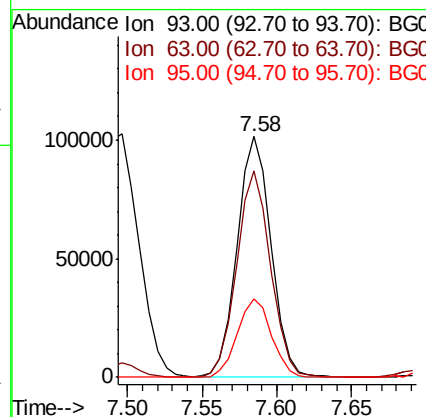
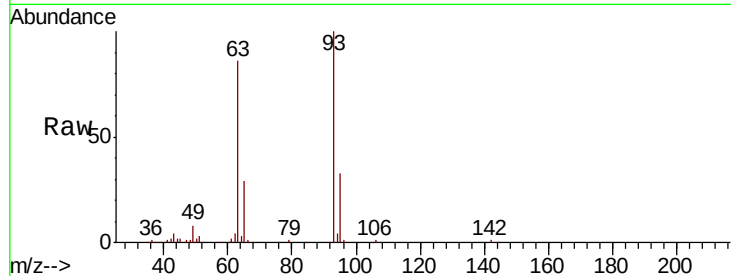
#11
bis(2-Chloroethyl)ether
Concen: 37.804 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	159922		
63	85.8	69.5	109.5	
95	32.8	12.7	52.7	

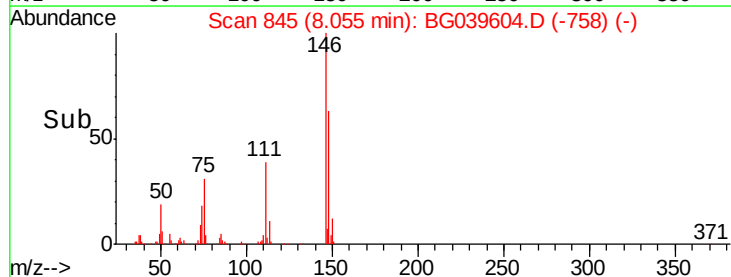
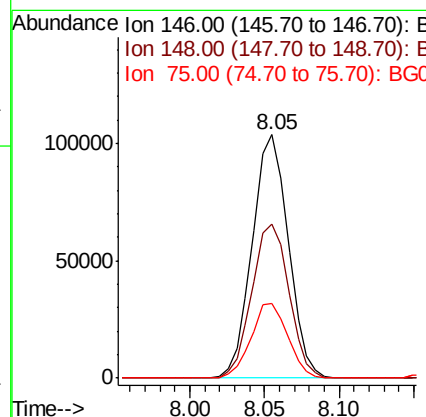
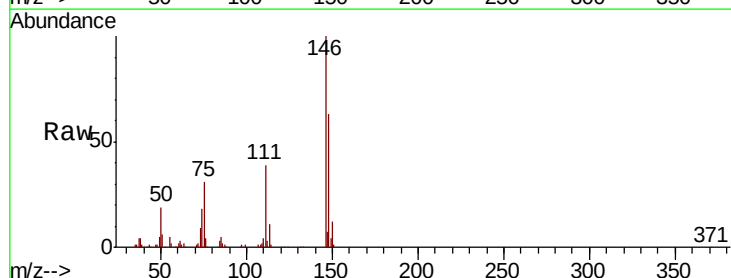
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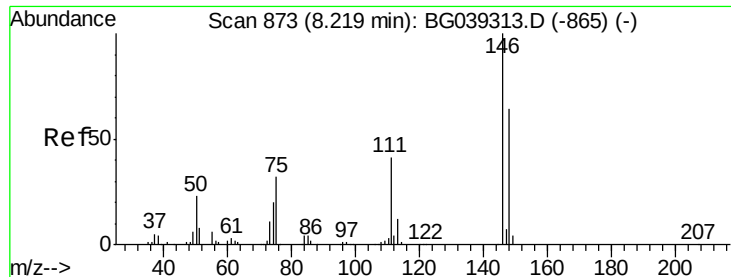
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#12
1,3-Dichlorobenzene
Concen: 37.516 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	173327		
148	63.3	52.6	79.0	
75	30.9	25.8	38.6	





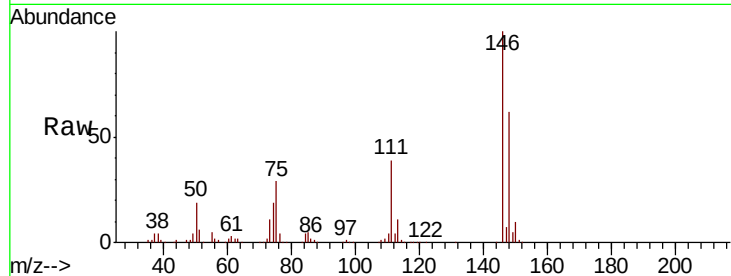
#13
 1,4-Dichlorobenzene
 Concen: 39.207 ng
 RT: 8.20 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180544		
148	61.8	51.1	76.7	
111	39.1	32.6	48.8	

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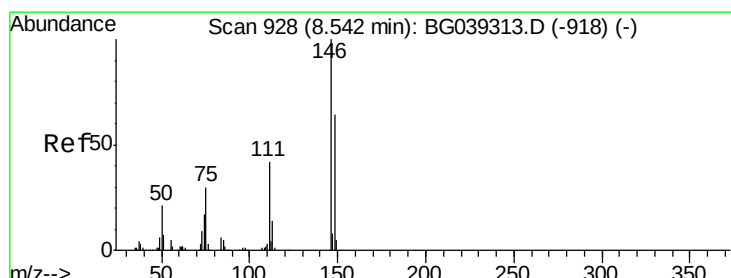
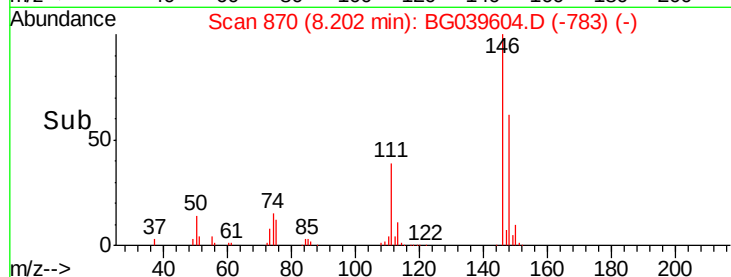
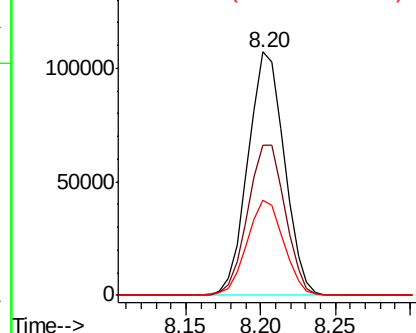


Abundance

Ion 146.00 (145.70 to 146.70): E

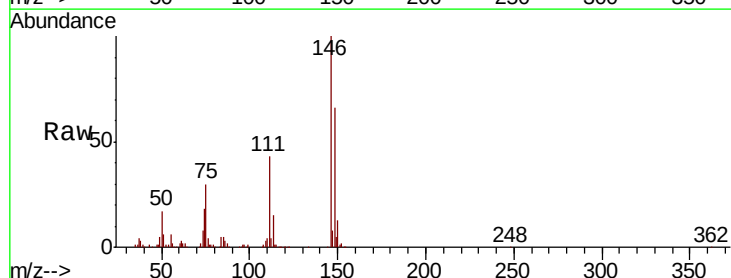
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.587 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172017		
148	66.1	51.5	77.3	
111	42.7	33.8	50.6	

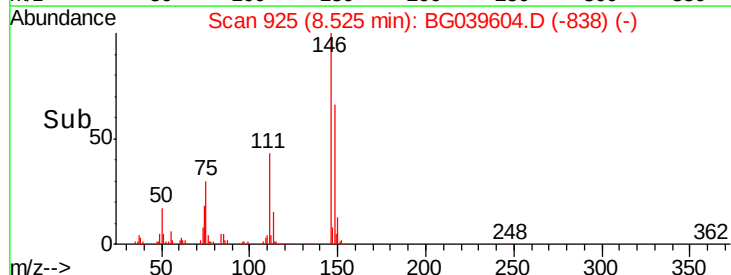
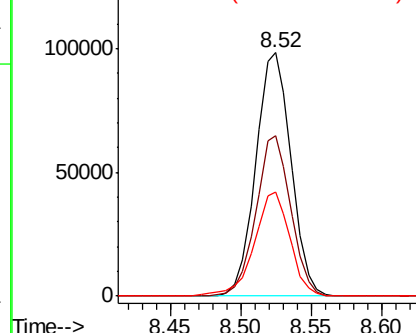


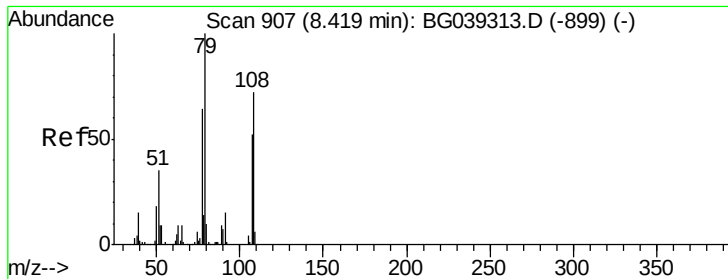
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.541 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

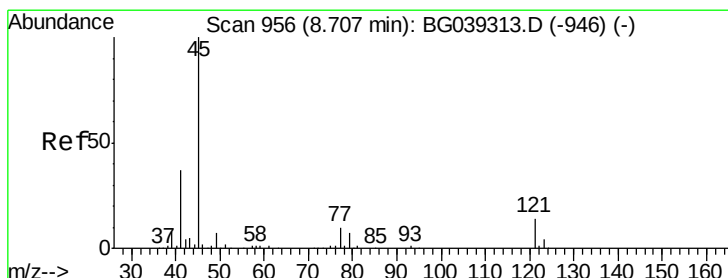
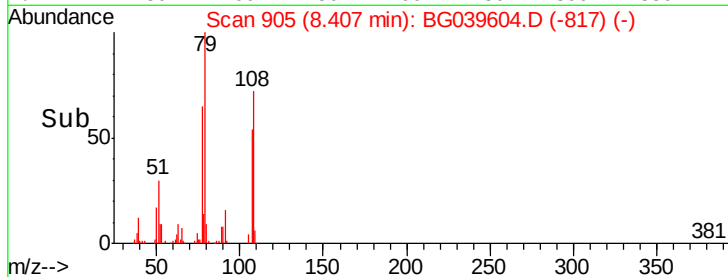
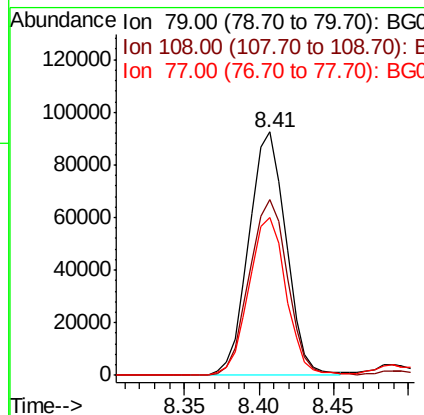
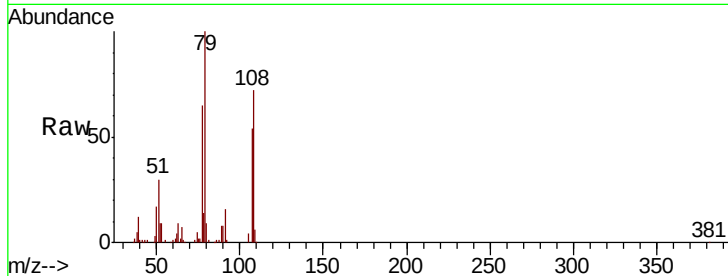
ClientSampleId :

M-1MSD

Tot Ion:	79	Resp:	159427
Ion Ratio	Lower	Upper	
79	100		
108	72.3	57.8	86.6
77	64.6	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.955 ng

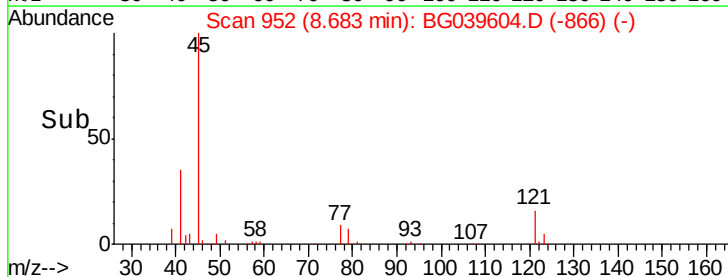
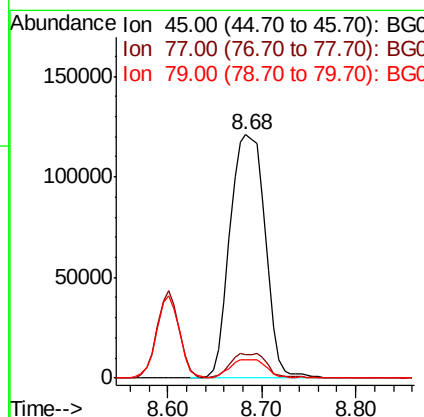
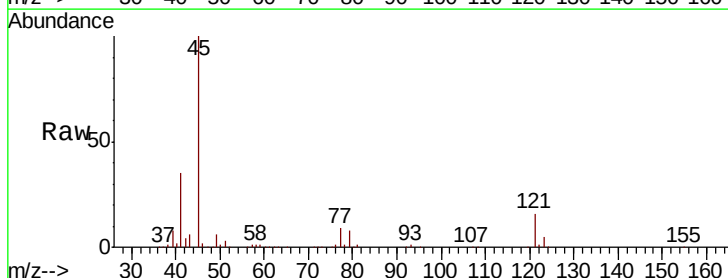
RT: 8.68 min Scan# 952

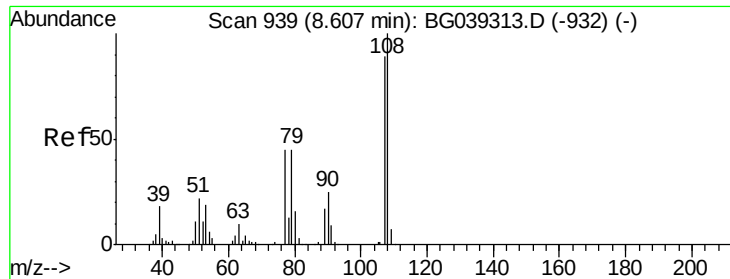
Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	45	Resp:	314822
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	30.0
79	7.7	0.0	27.5





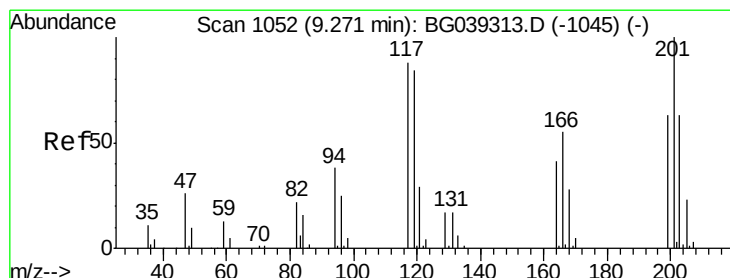
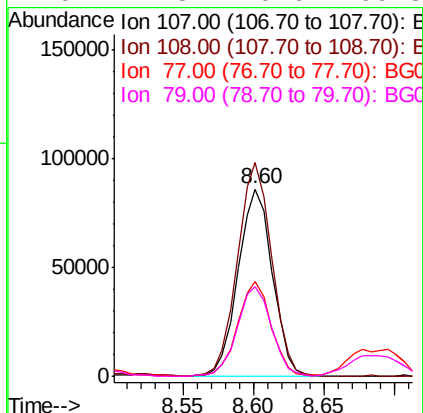
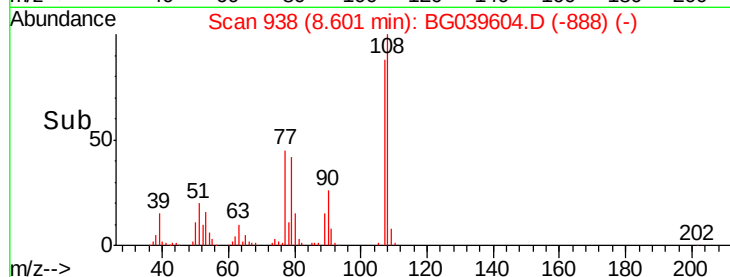
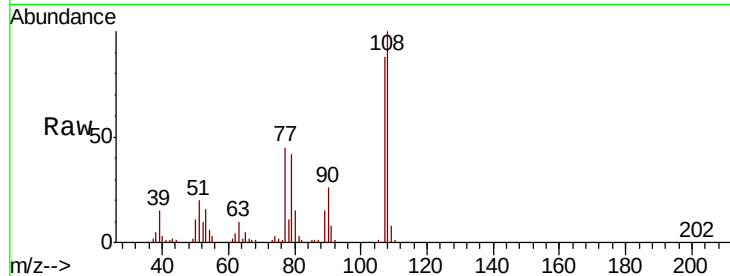
#17
2-Methylphenol
Concen: 41.879 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	90.8	136.2	
77	50.8	40.7	61.1	
79	47.8	40.6	60.8	

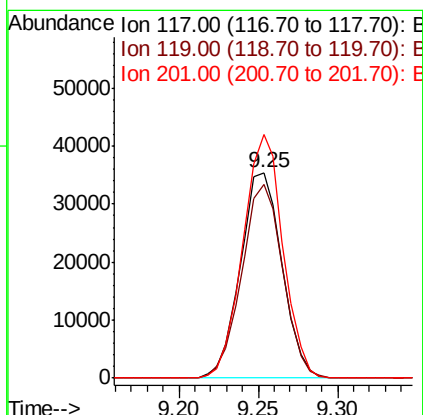
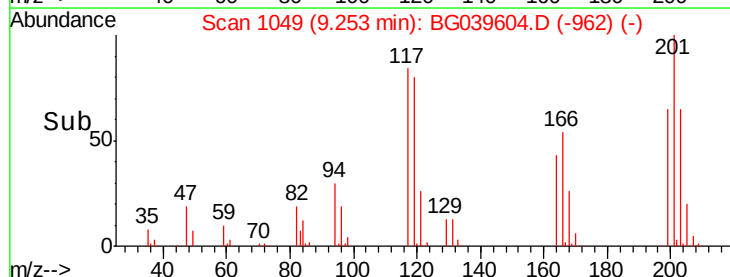
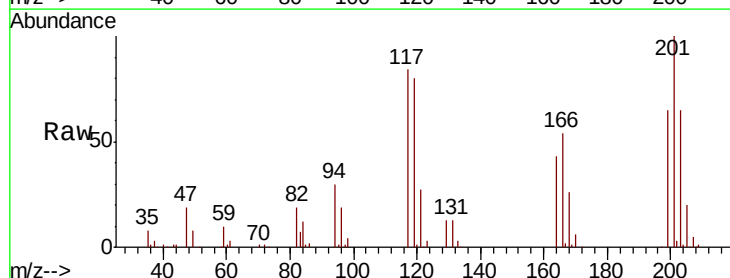
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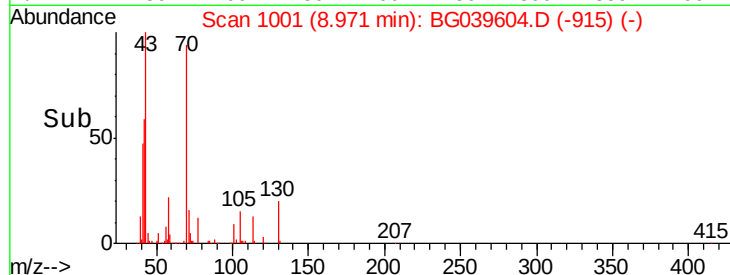
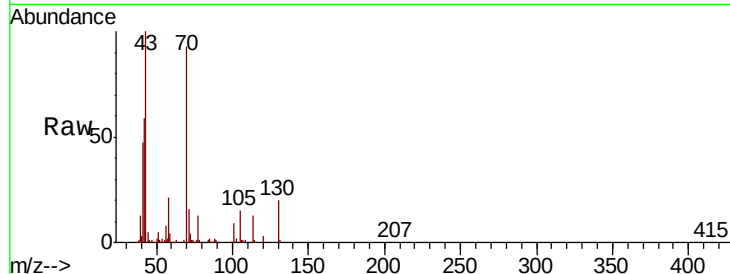
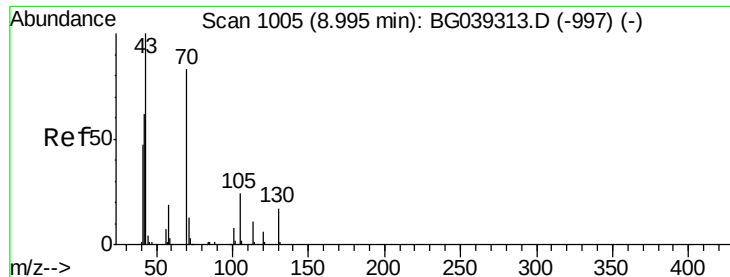
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#18
Hexachloroethane
Concen: 40.619 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	76.3	114.5	
201	118.4	91.1	136.7	





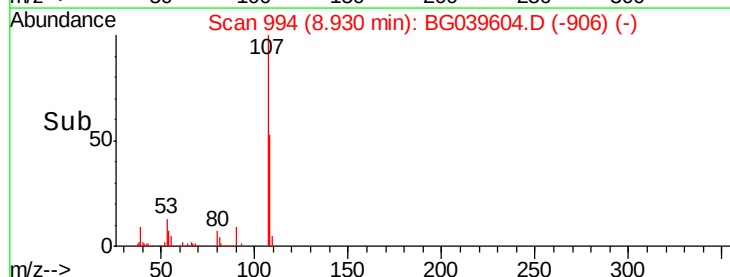
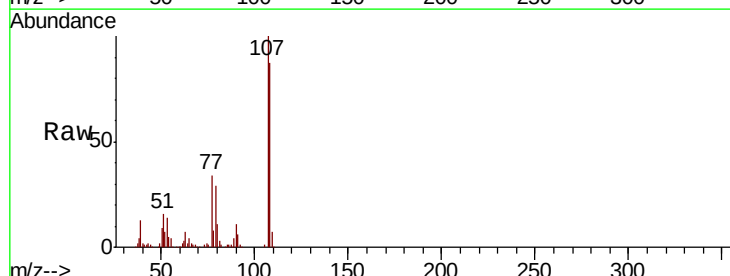
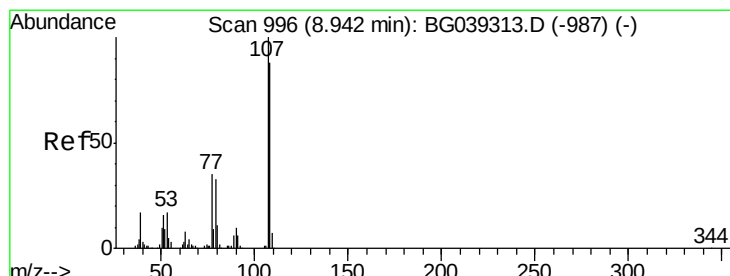
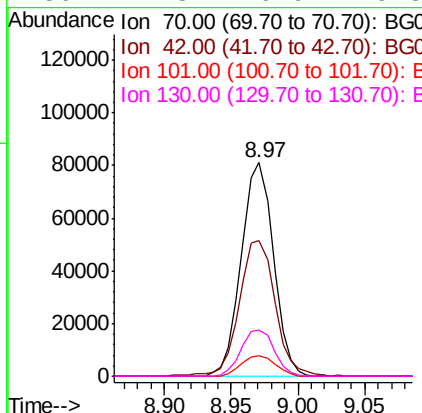
#19
n-Nitroso-di-n-propylamine
Concen: 37.219 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	63.3	60.4	90.6		
101	9.9	7.5	11.3		
130	21.8	16.9	25.3		

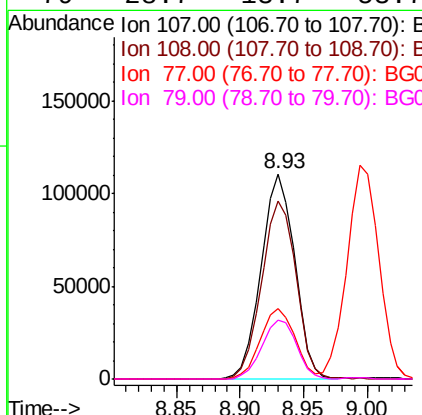
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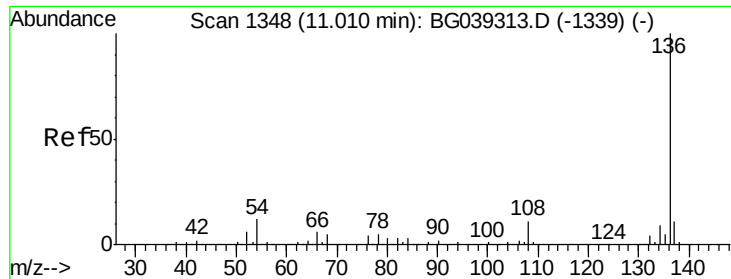
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#20
3+4-Methylphenols
Concen: 42.811 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.8	67.9	107.9		
77	34.2	15.4	55.4		
79	28.7	13.7	53.7		





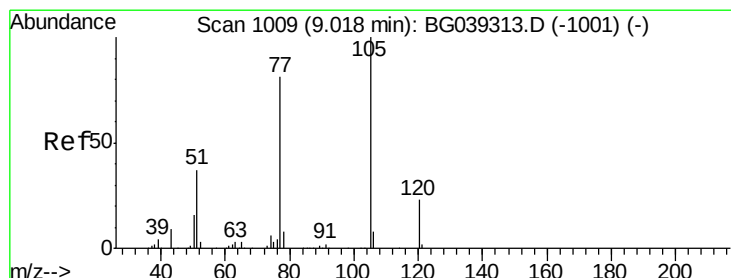
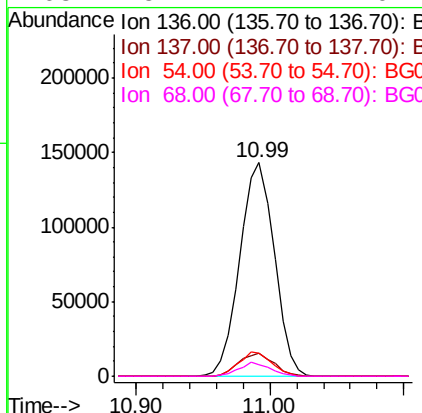
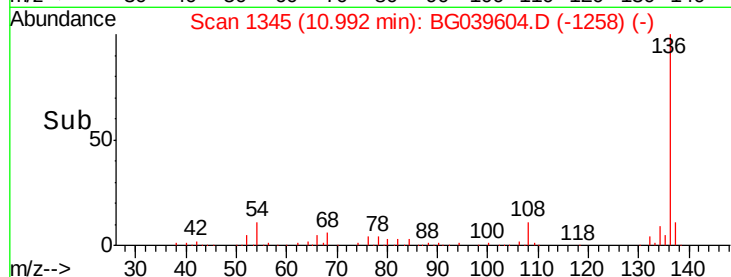
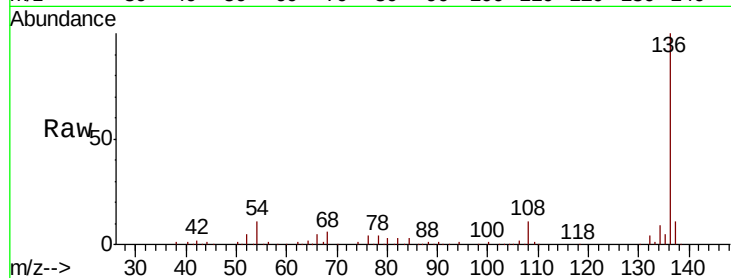
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	256164		
137	10.6		9.1	13.7
54	10.6		9.4	14.2
68	5.7		4.2	6.4

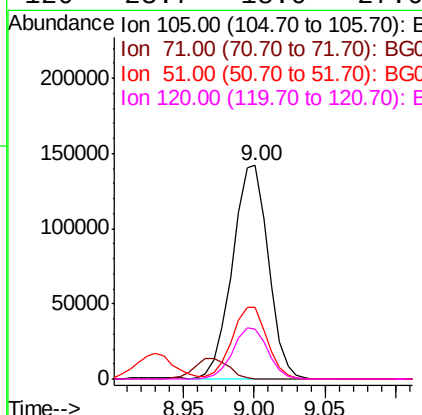
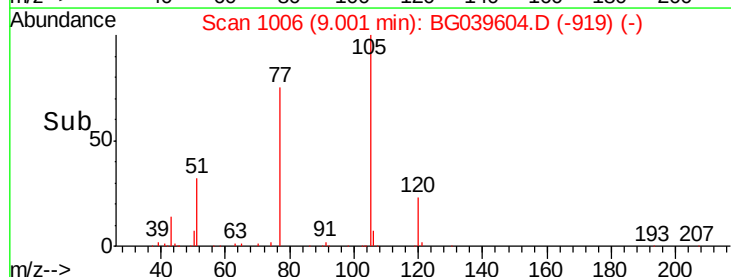
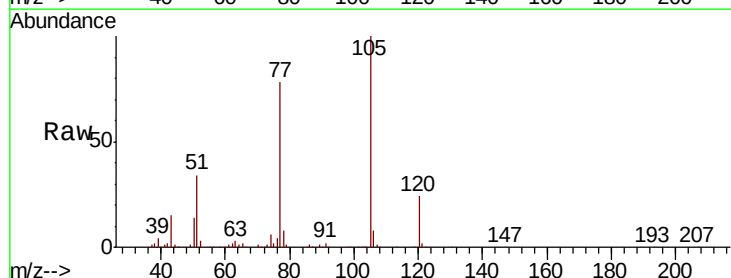
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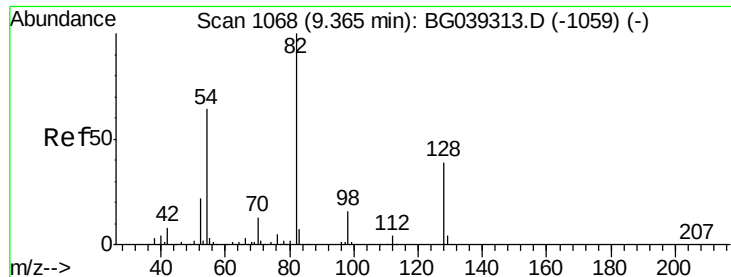
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#22
Acetophenone
Concen: 36.681 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252400		
71	0.3		0.8	1.2#
51	33.5		30.2	45.2
120	23.7		18.0	27.0





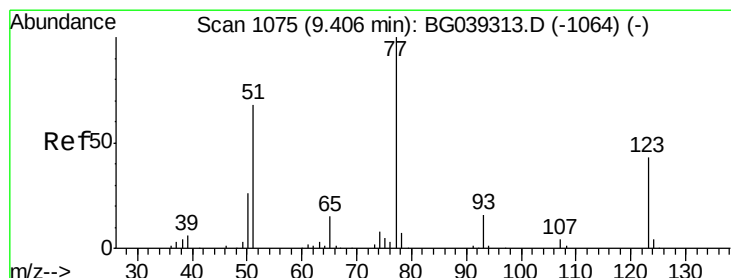
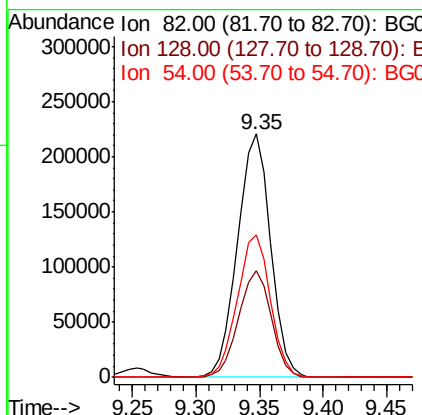
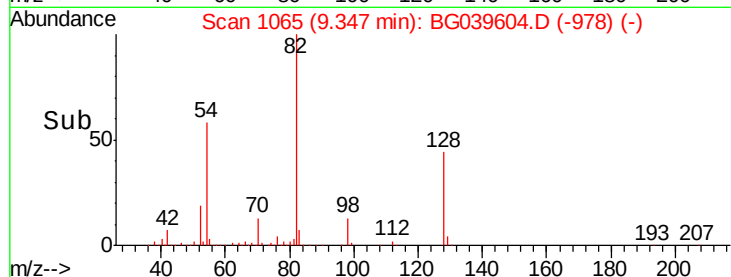
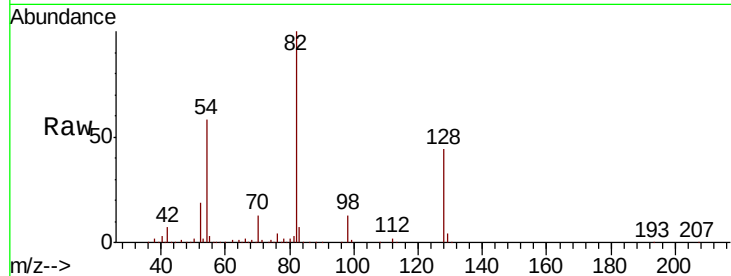
#23
 Nitrobenzene-d5
 Concen: 97.568 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	31.3	46.9
54	58.4	50.9	76.3

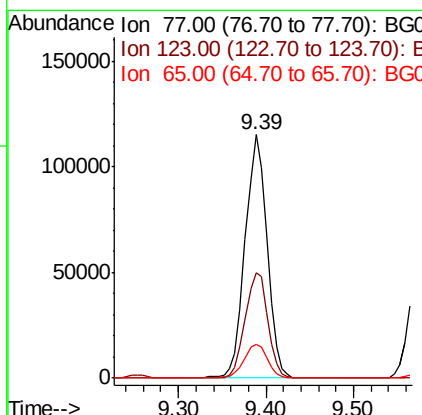
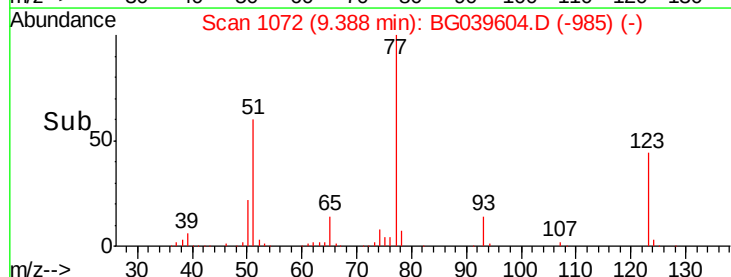
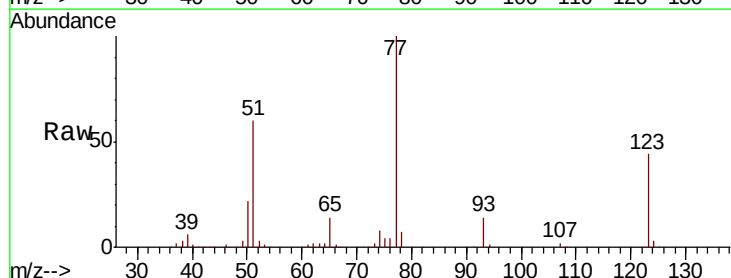
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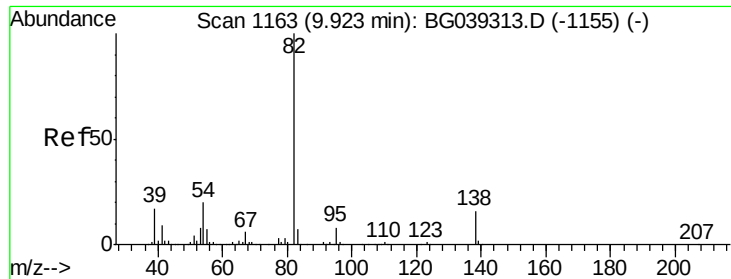
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#24
 Nitrobenzene
 Concen: 44.191 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.1	51.1
65	13.7	12.3	18.5





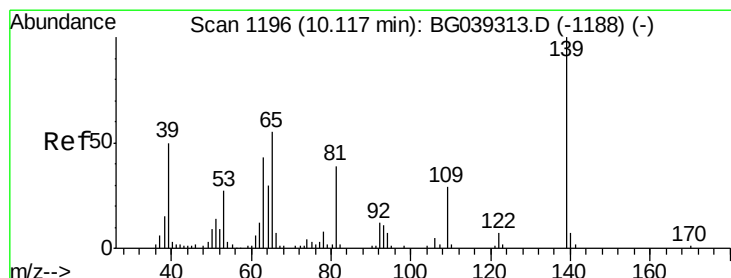
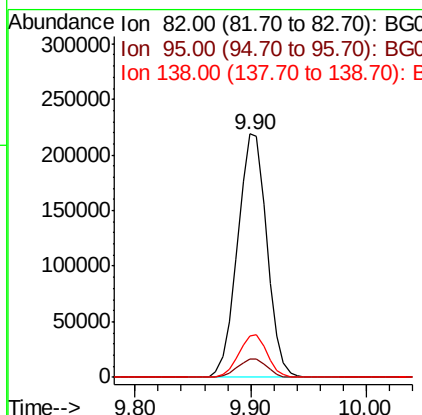
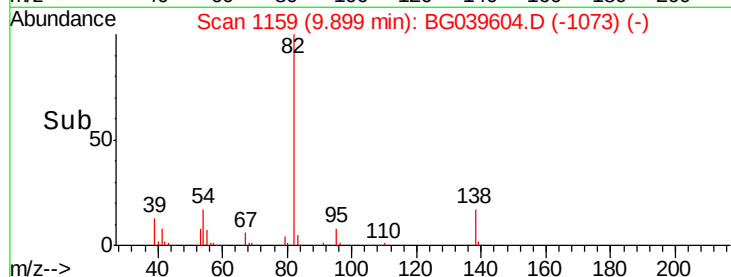
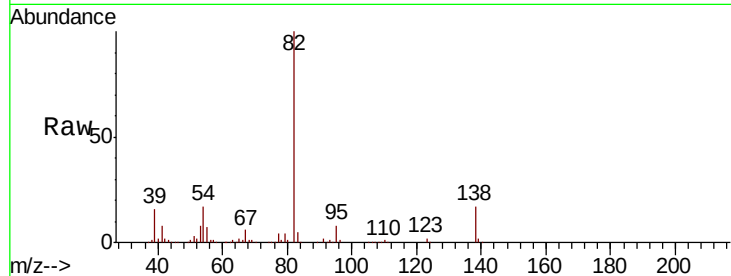
#25
Isophorone
Concen: 42.265 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	384050		
95	7.7		6.2	9.2
138	17.1		13.0	19.4

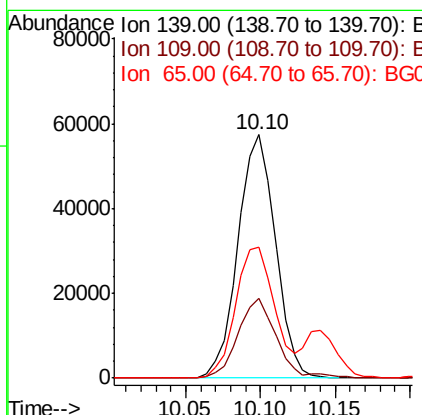
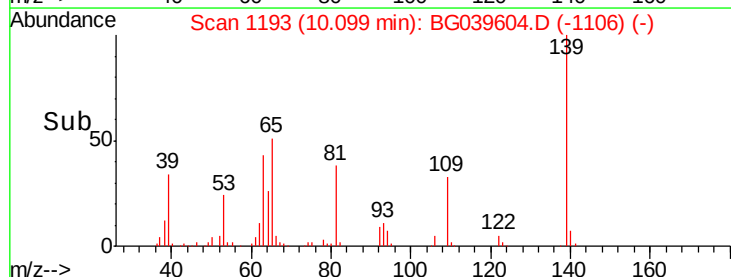
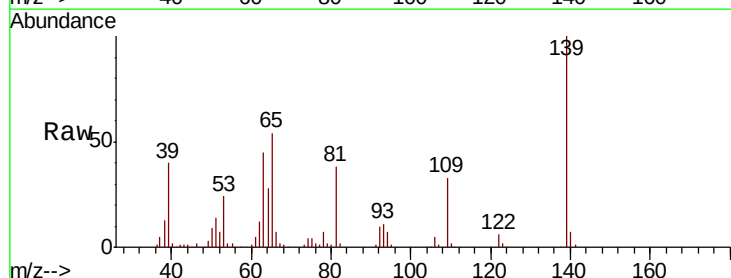
Manual Integrations
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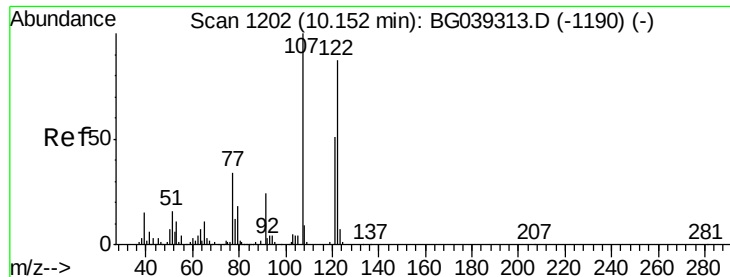
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#26
2-Nitrophenol
Concen: 54.976 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	99919		
109	32.6		23.4	35.0
65	53.6		44.3	66.5





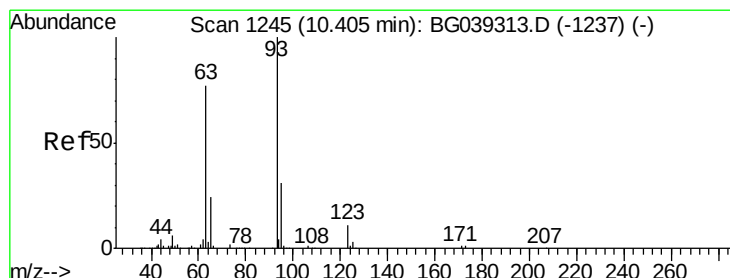
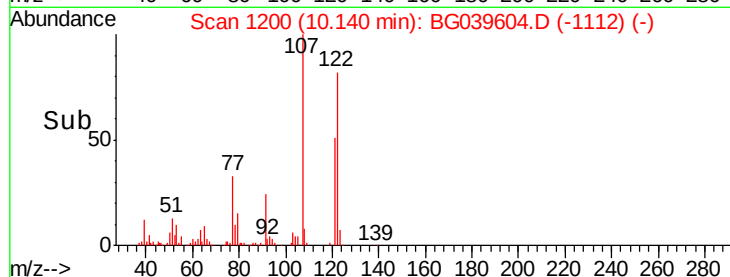
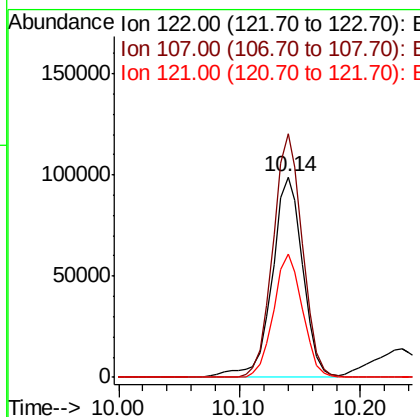
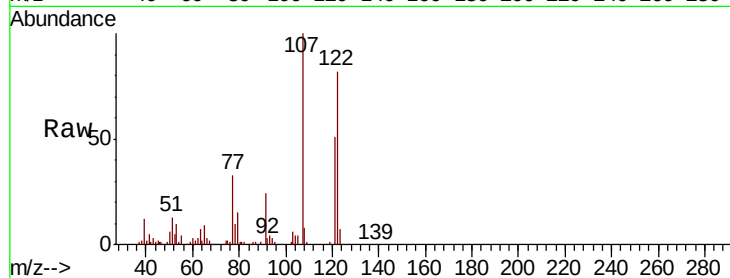
#27
2,4-Dimethylphenol
Concen: 47.296 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	173849		
107	121.5	91.7	137.5	
121	61.5	46.4	69.6	

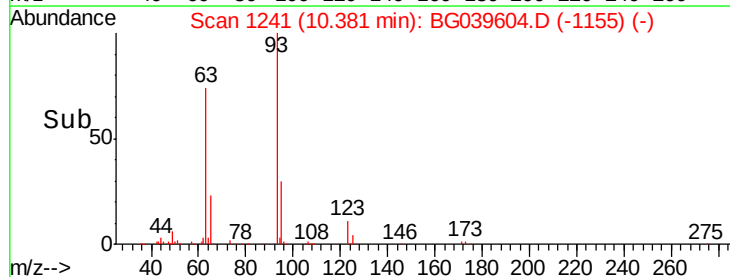
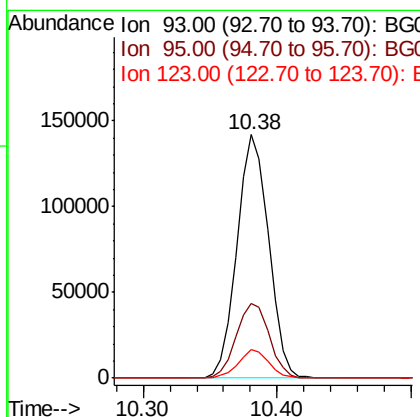
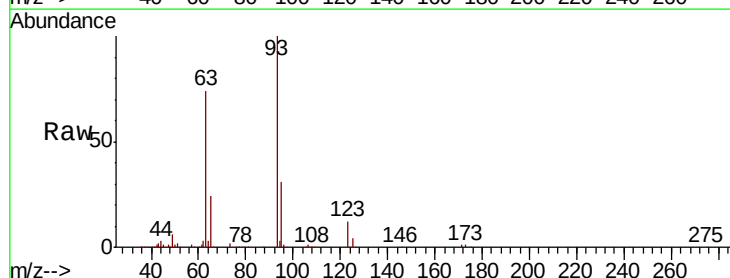
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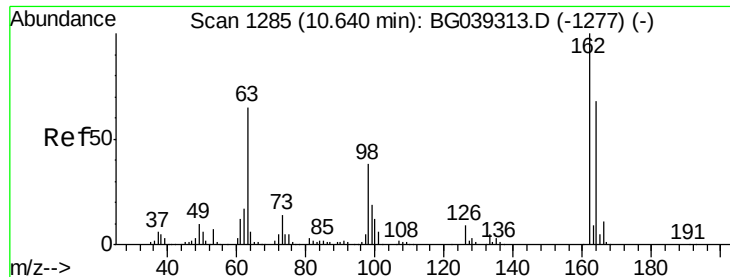
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.557 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232587		
95	30.8	25.0	37.4	
123	11.6	8.6	12.8	





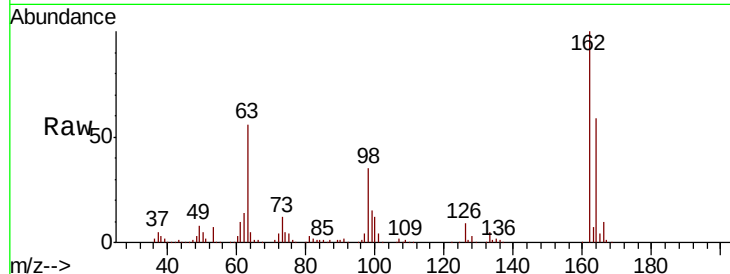
#29
 2,4-Dichlorophenol
 Concen: 45.783 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	59.2	48.1	88.1
98	34.9	18.1	58.1

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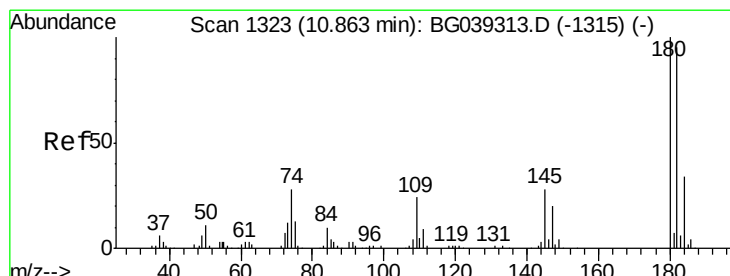
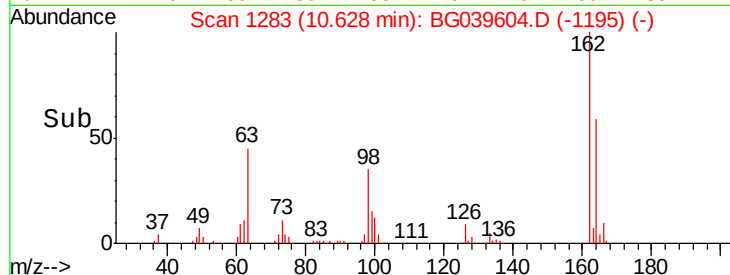
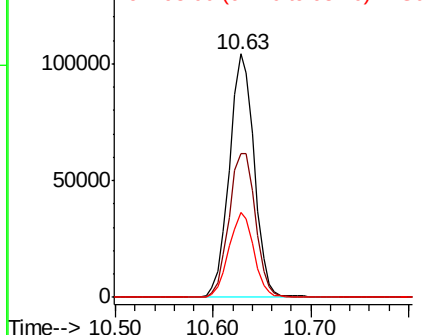


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.048 ng
 RT: 10.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

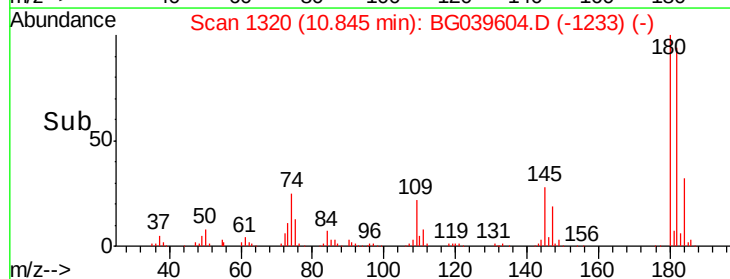
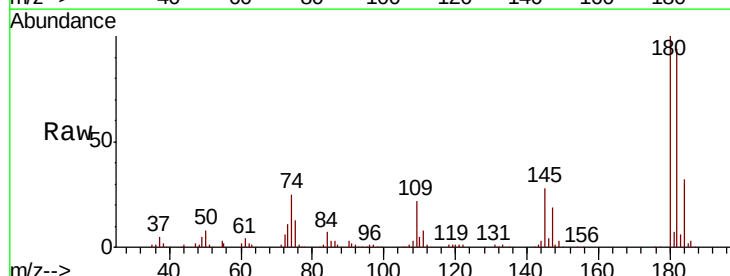
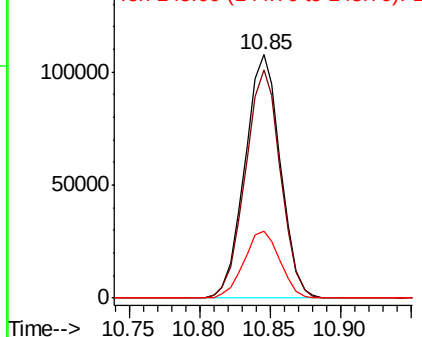
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	76.0	114.0
145	27.7	22.7	34.1

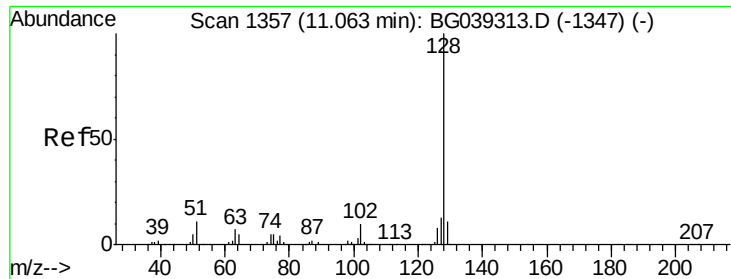
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





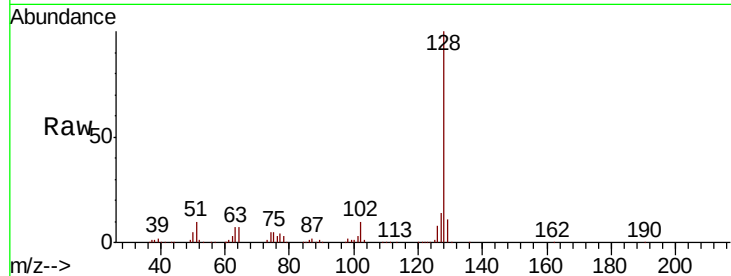
#31
Naphthalene
Concen: 41.810 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	14.3	10.8	16.2

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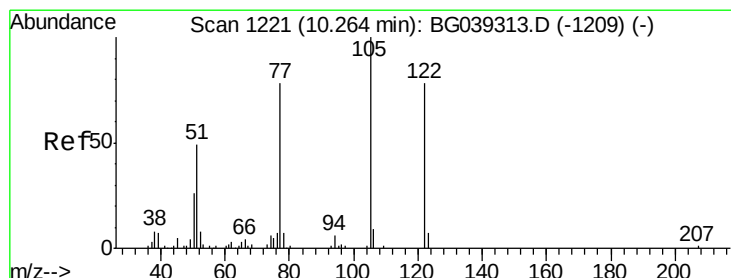
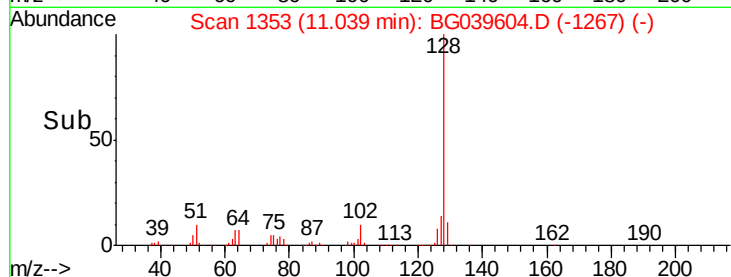
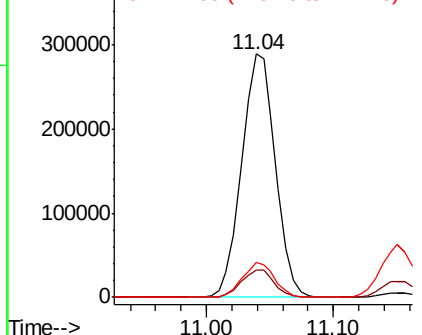


Abundance

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: 21.005 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

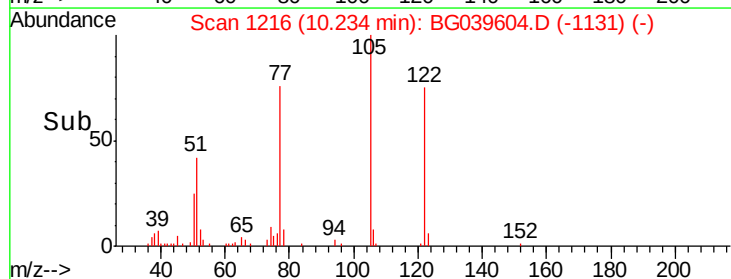
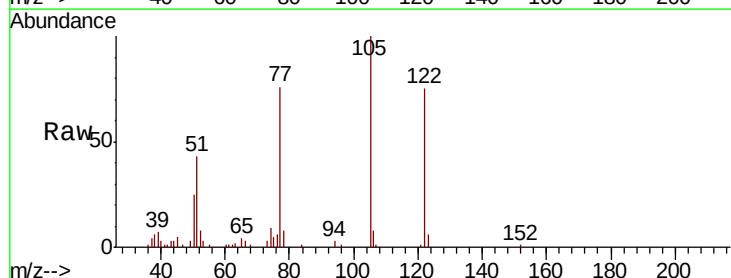
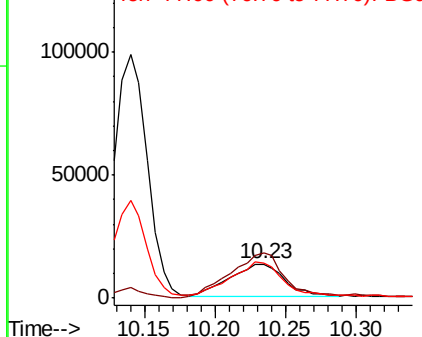
Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.5	101.8	141.8
77	101.4	76.3	116.3

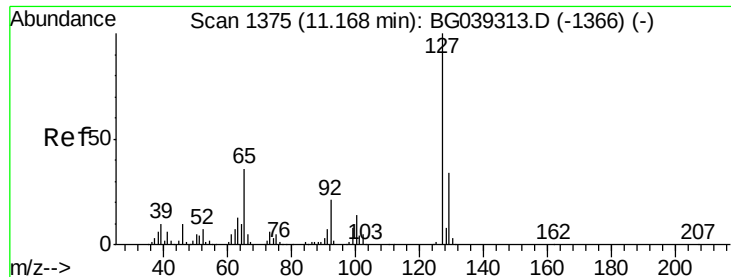
Abundance

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): BG





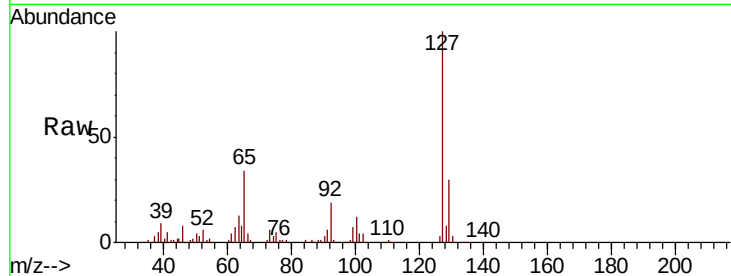
#33
4-Chloroaniline
Concen: 19.090 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.8	27.0	40.4	
65	33.6	28.8	43.2	
92	18.6	16.6	25.0	

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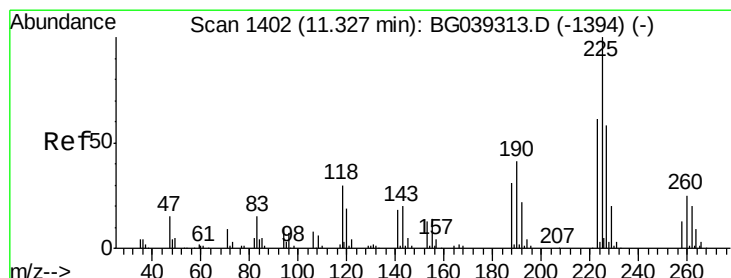
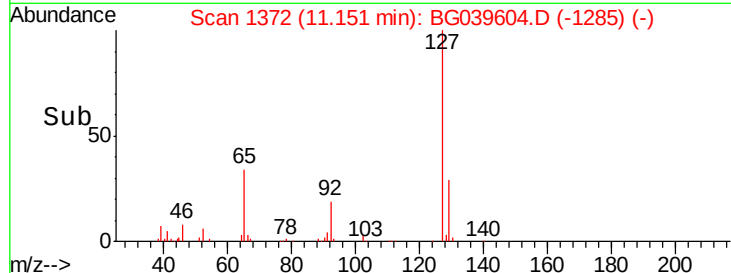
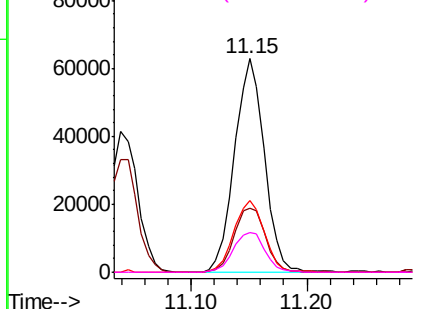
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.488 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

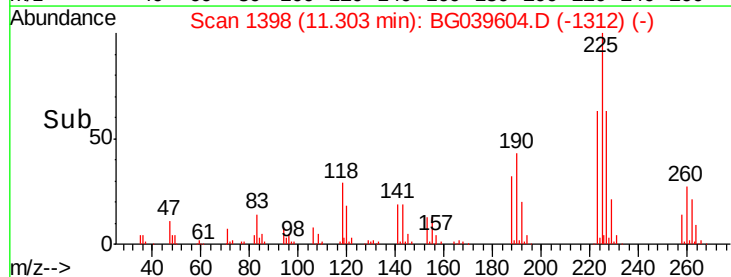
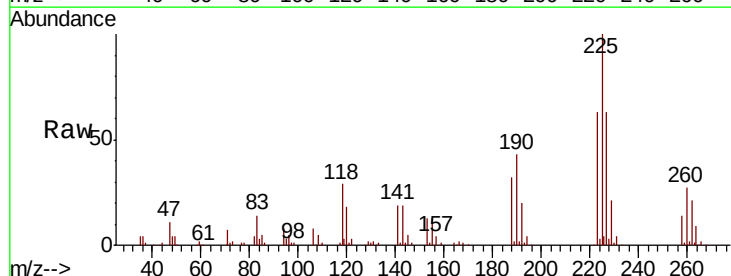
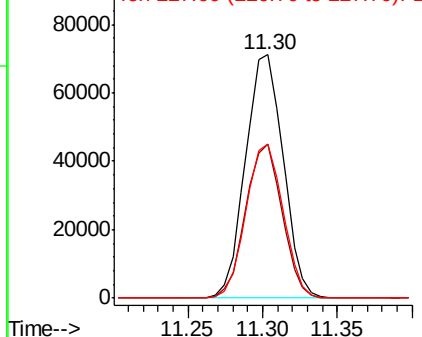
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	49.0	73.6	
227	63.0	46.3	69.5	

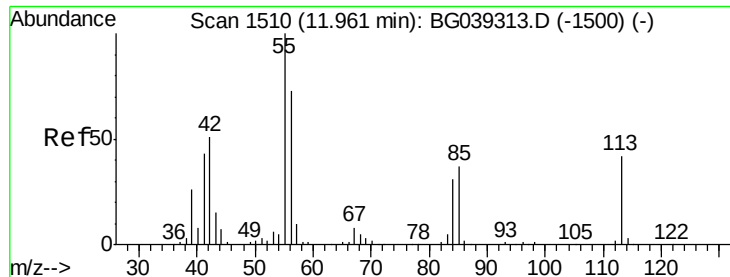
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.920 ng/mL

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

ClientSampled :

M-1MSD

Tot Ion:113 Resp: 63039

Ion Ratio Lower Upper

113 100

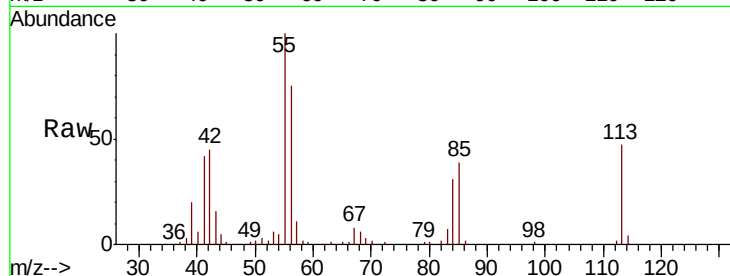
55 211.7 216.9 256.9#

56 159.4 152.6 192.6

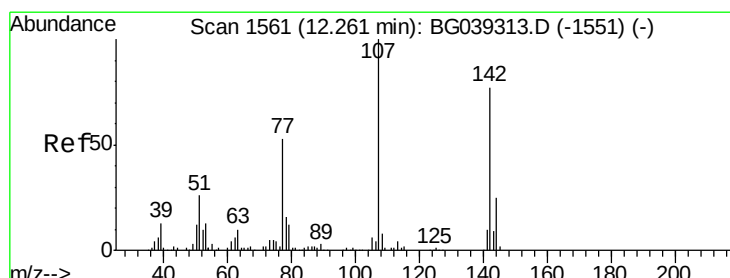
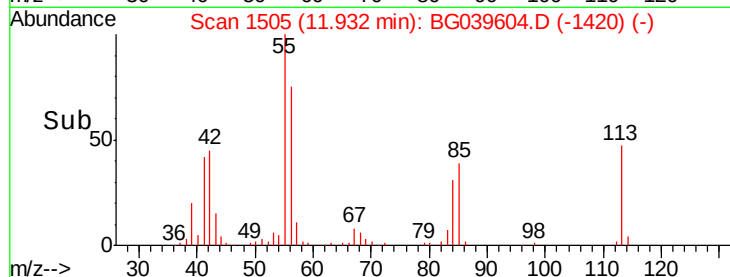
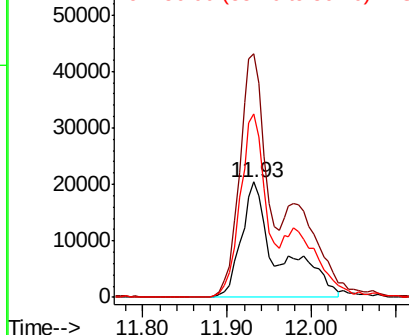
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.144 ng/mL

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

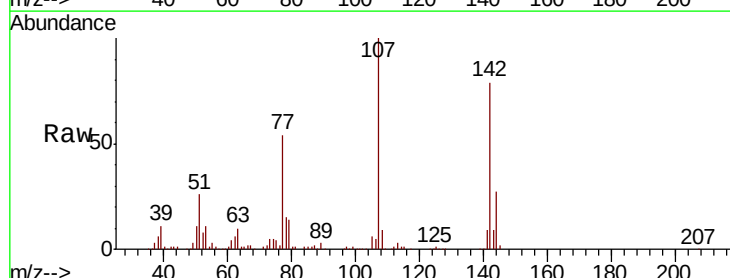
Tgt Ion:107 Resp: 195805

Ion Ratio Lower Upper

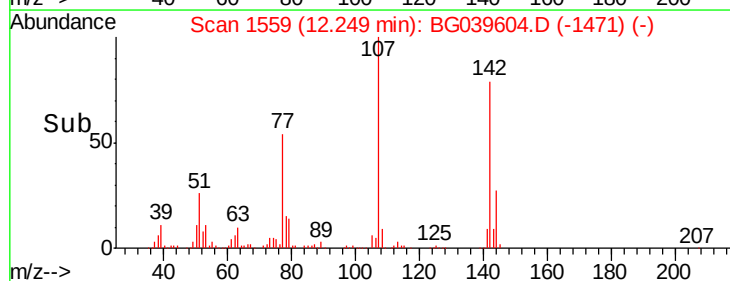
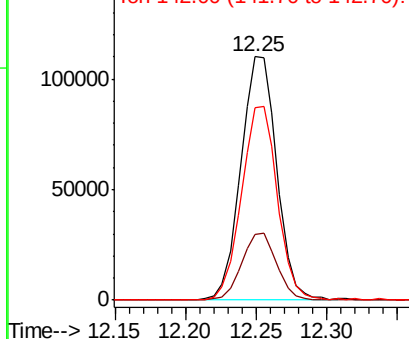
107 100

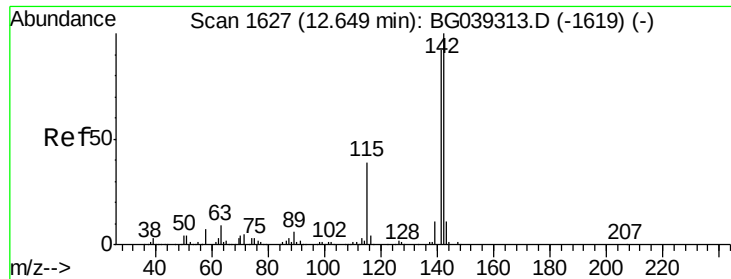
144 26.7 20.2 30.2

142 79.2 61.4 92.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





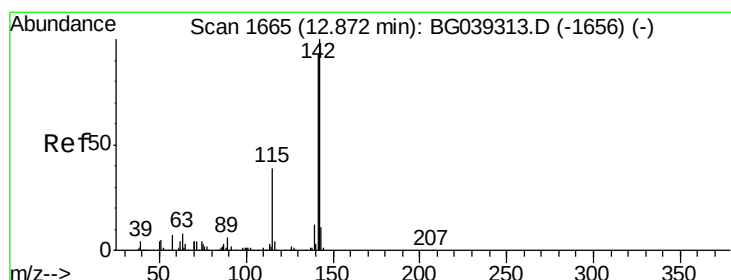
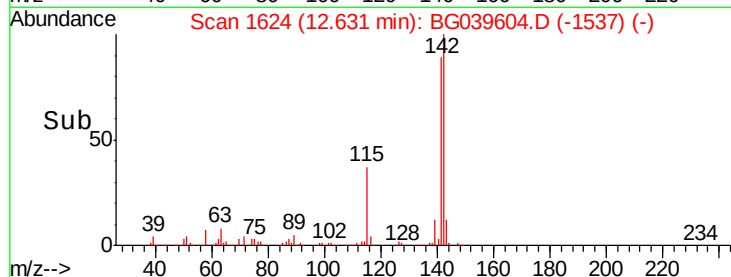
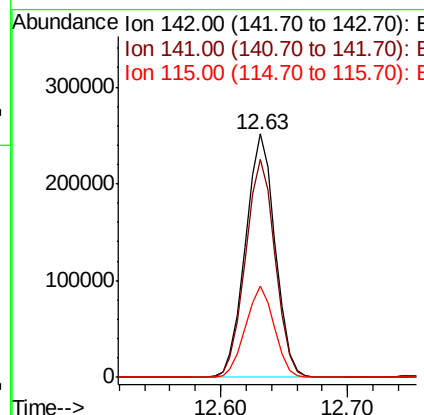
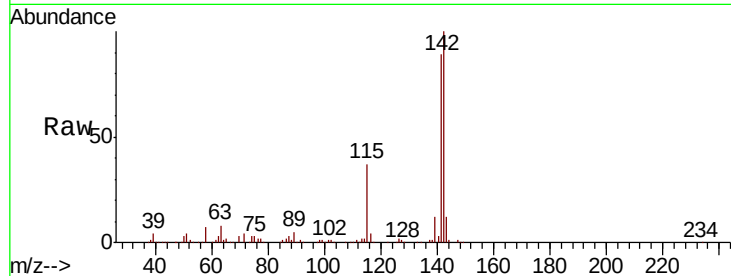
#37
2-Methylnaphthalene
Concen: 43.304 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	73.5	110.3
115	37.4	30.8	46.2

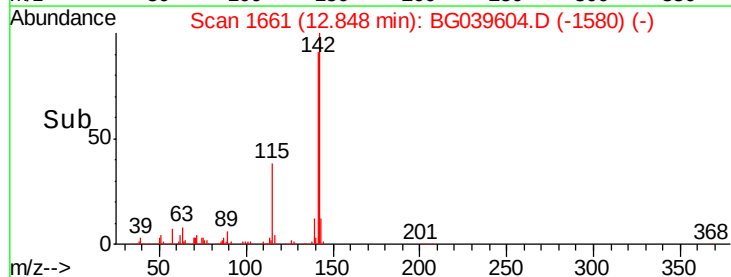
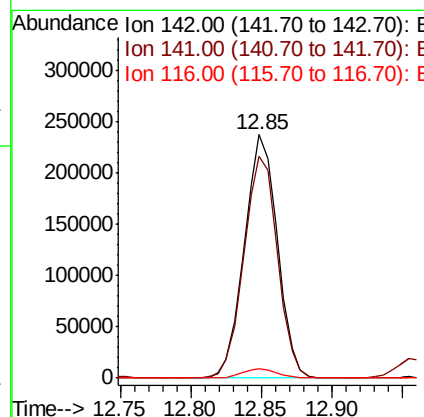
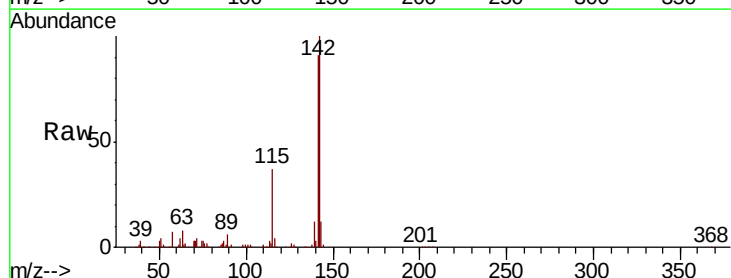
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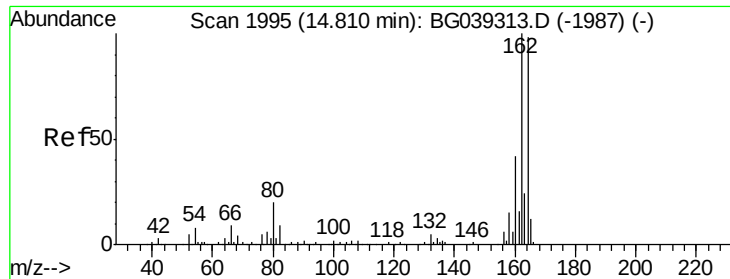
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#38
1-Methylnaphthalene
Concen: 42.799 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.2	111.4
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

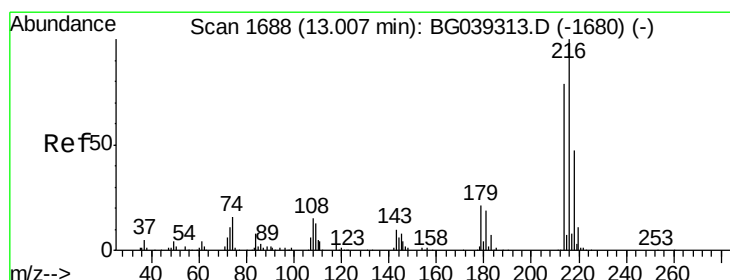
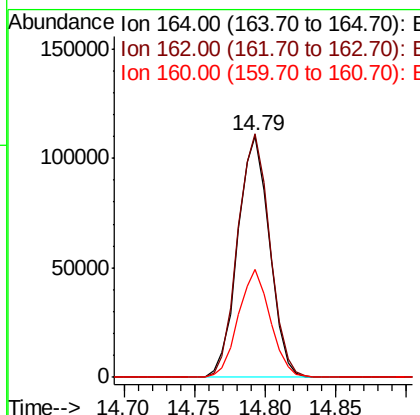
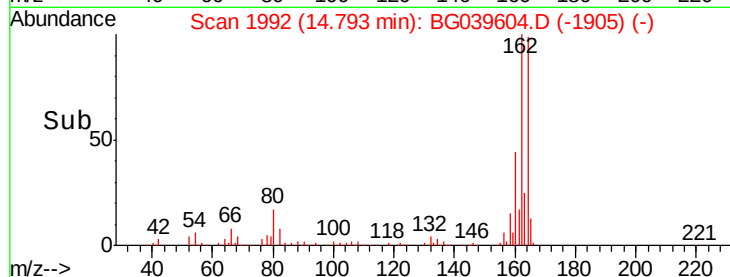
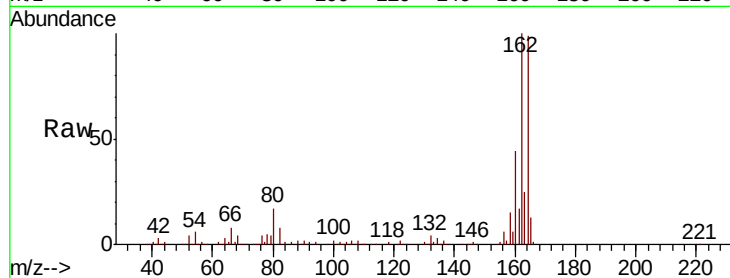
ClientSampleId :

M-1MSD

Tot Ion:	164	Resp:	172923
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.6	122.4
160	44.6	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.704 ng

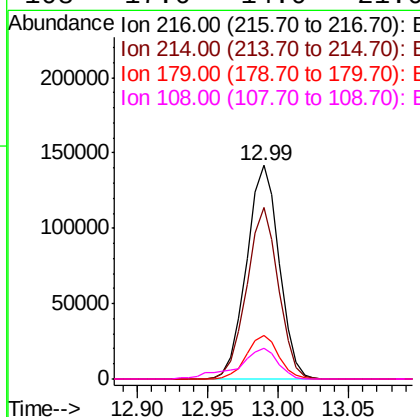
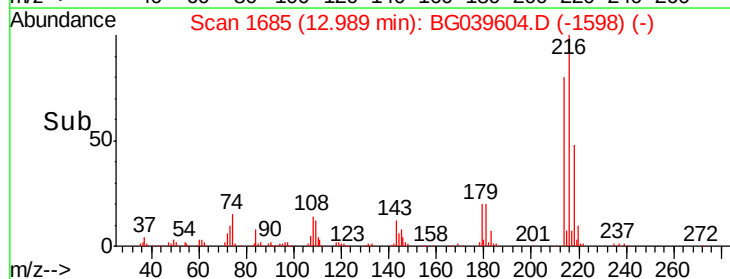
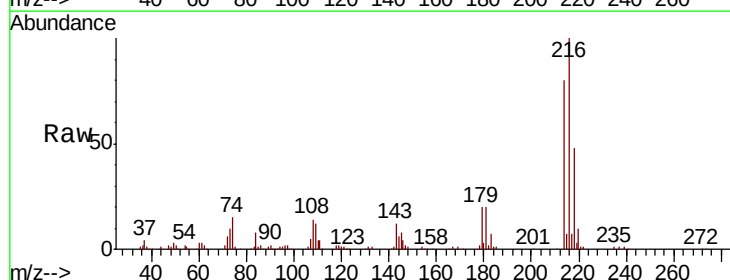
RT: 12.99 min Scan# 1685

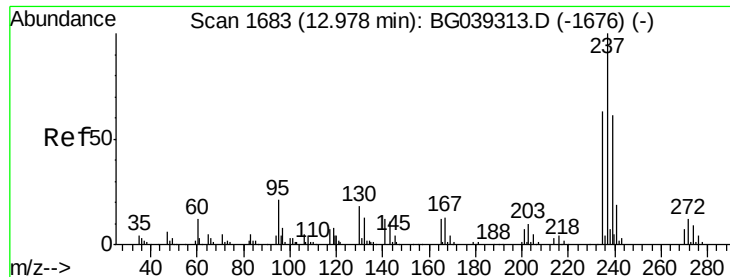
Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	216	Resp:	229450
Ion Ratio	Lower	Upper	
216	100		
214	77.7	62.6	94.0
179	20.1	16.6	25.0
108	17.6	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 87.381 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

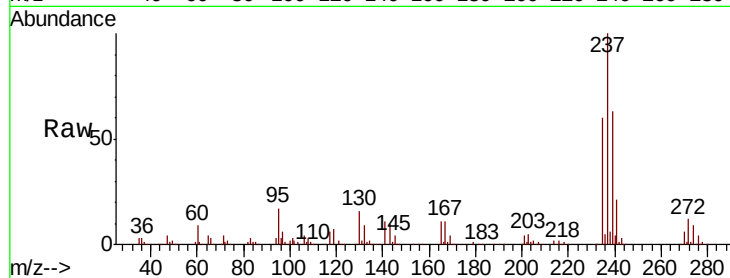
ClientSampled :

M-1MSD

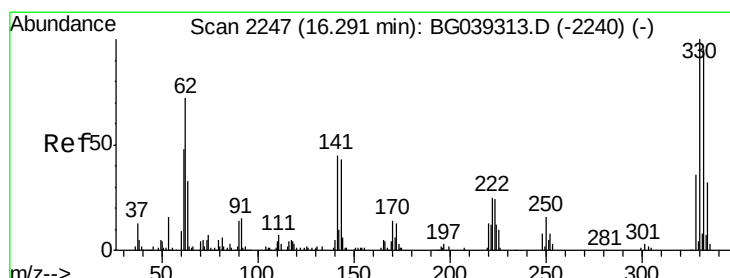
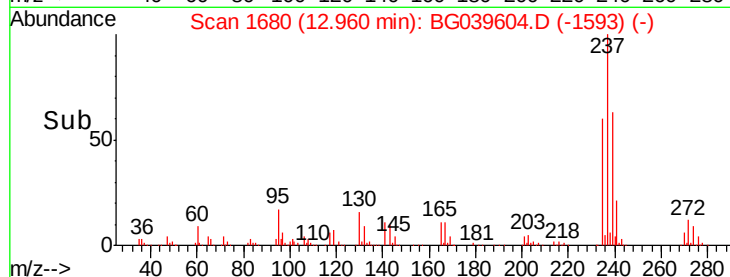
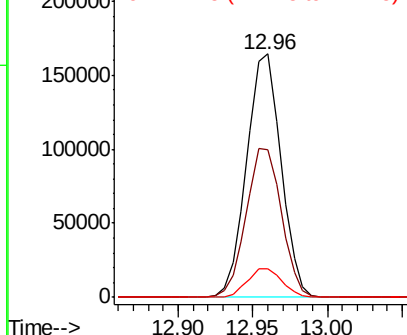
Tot Ion:	237	Resp:	261974
Ion Ratio	Lower	Upper	
237	100		
235	60.4	43.3	83.3
272	11.8	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 145.182 ng

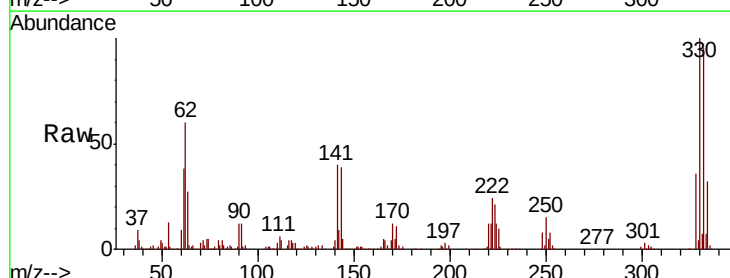
RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

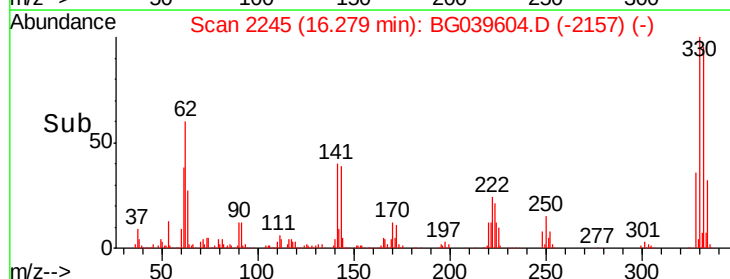
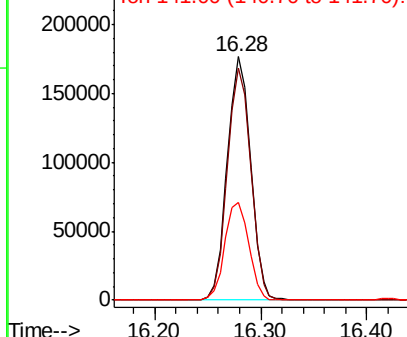
Lab File: BG039604.D

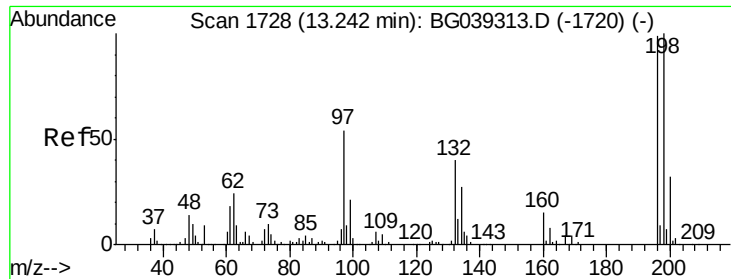
Acq: 26 Feb 2019 17:21

Tgt Ion:	330	Resp:	270342
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.7	113.5
141	41.6	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





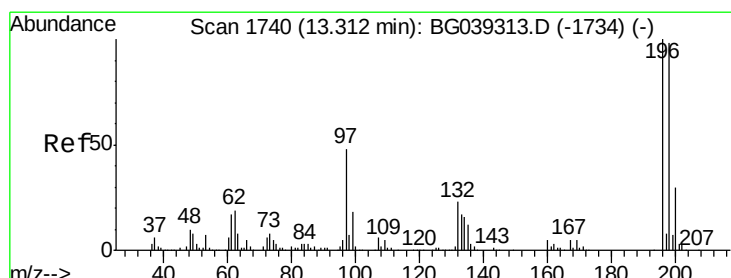
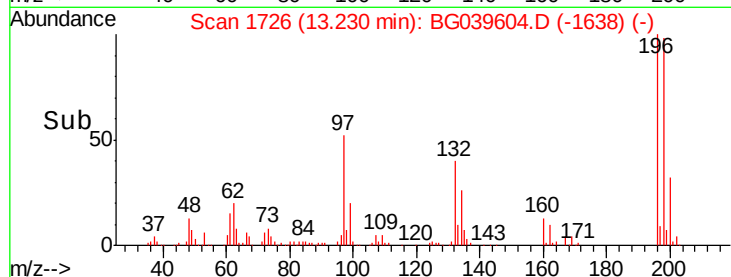
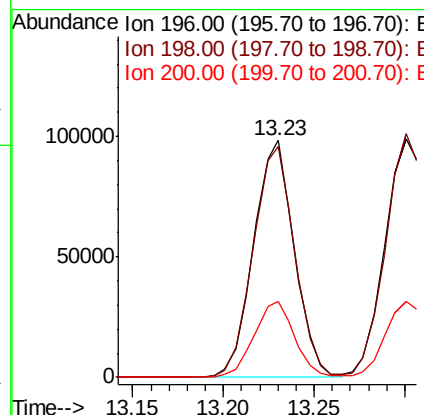
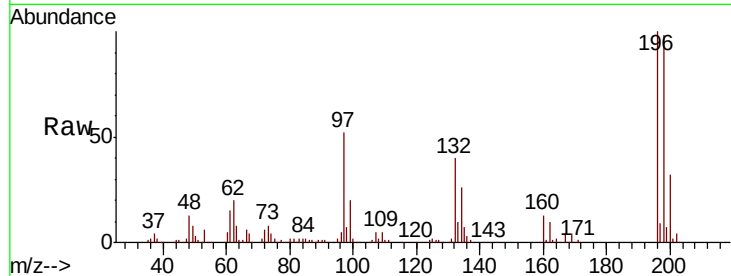
#43
 2,4,6-Trichlorophenol
 Concen: 45.640 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154393		
198	97.7	80.6	121.0	
200	32.3	26.1	39.1	

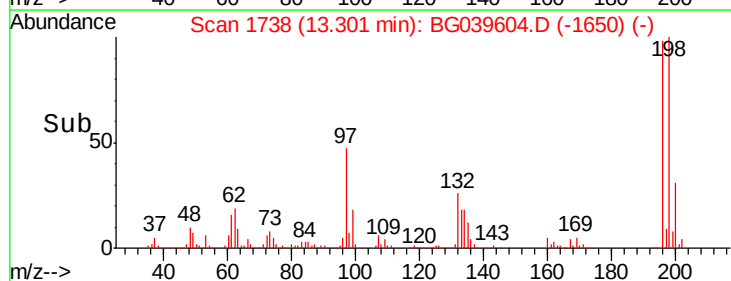
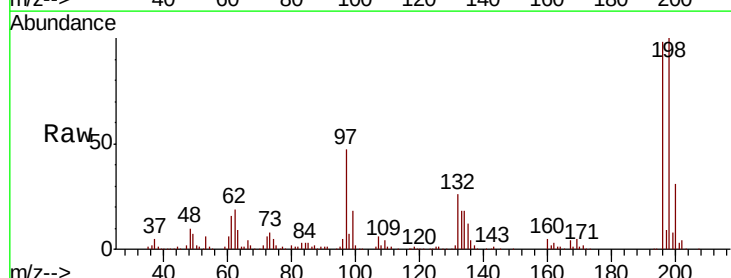
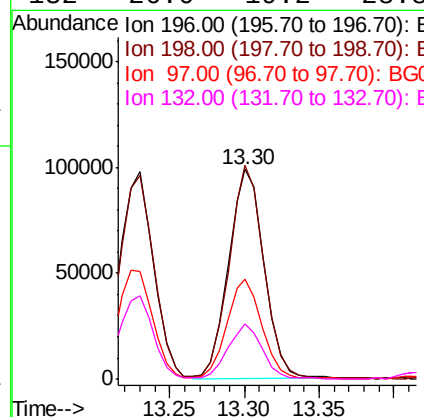
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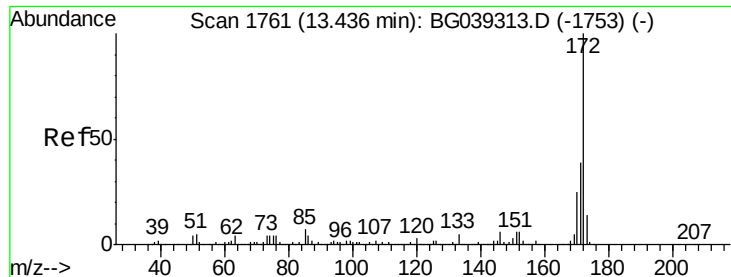
Sohil
 2/27/2019 4:21:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.376 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164427		
198	101.9	78.5	117.7	
97	47.4	38.4	57.6	
132	26.0	19.2	28.8	





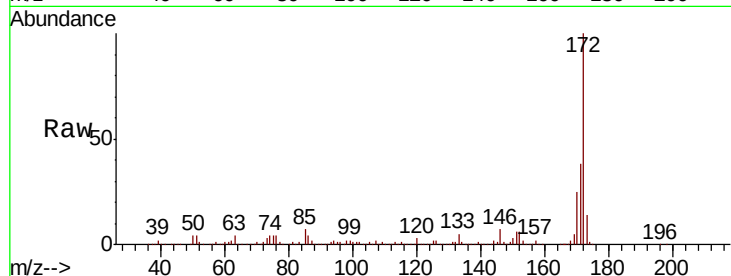
#45
2-Fluorobiphenyl
Concen: 75.787 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	25.1	20.2	30.4

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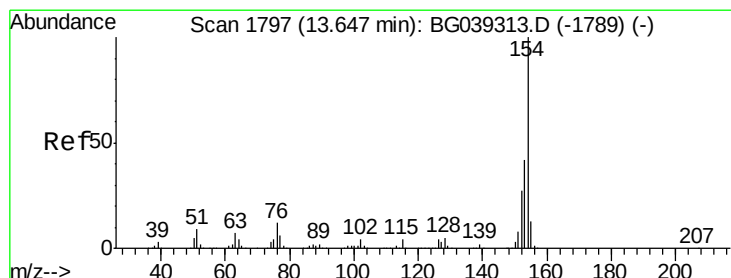
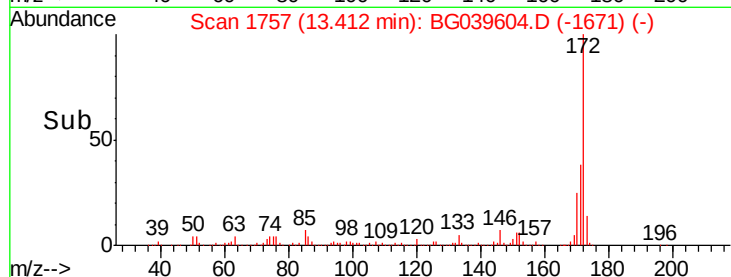
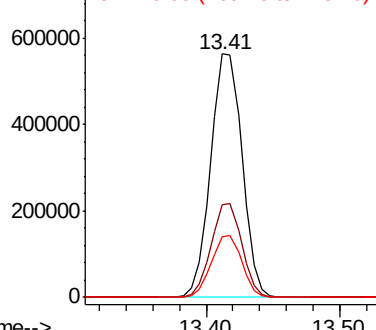


Abundance

Ion 172.00 (171.70 to 172.70): E

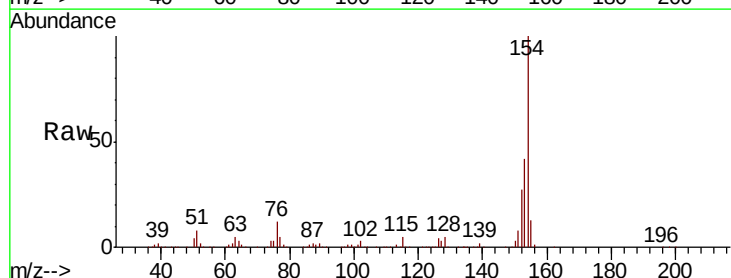
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.854 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	11.9	0.0	32.4

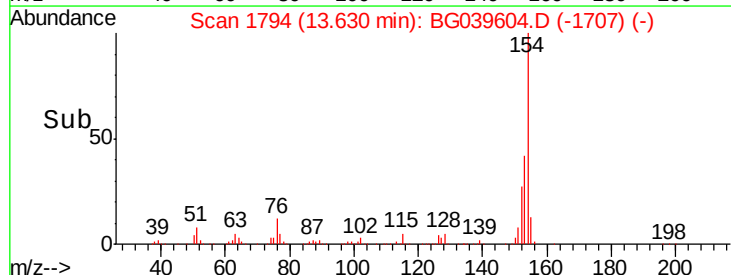
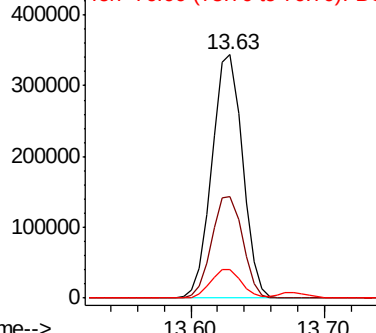


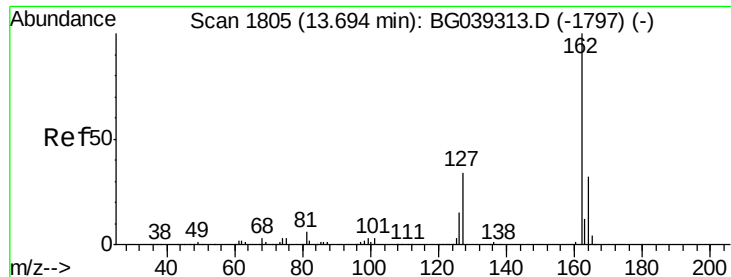
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





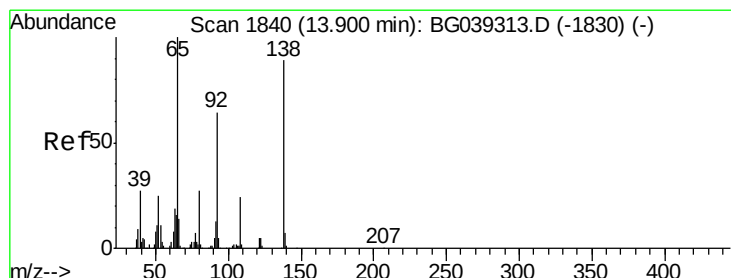
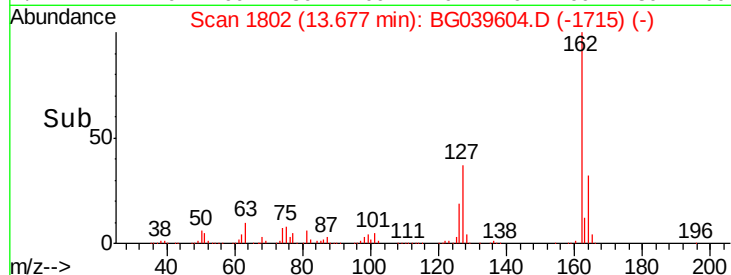
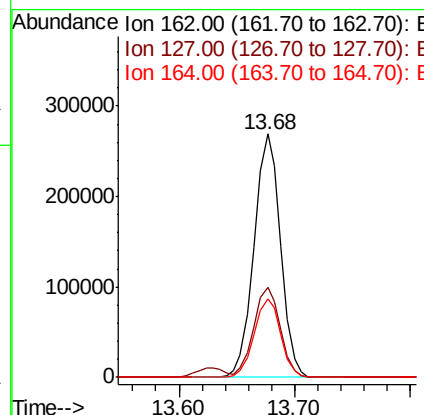
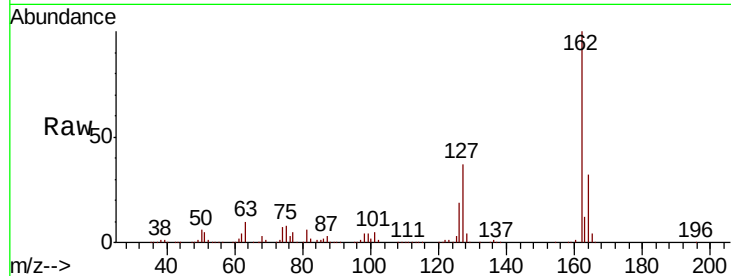
#47
 2-Chloronaphthalene
 Concen: 39.626 ng
 RT: 13.68 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	32.4	25.7	38.5

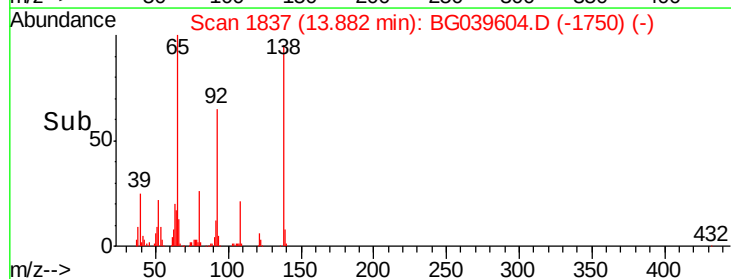
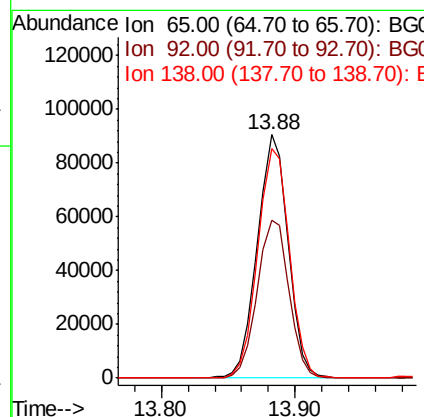
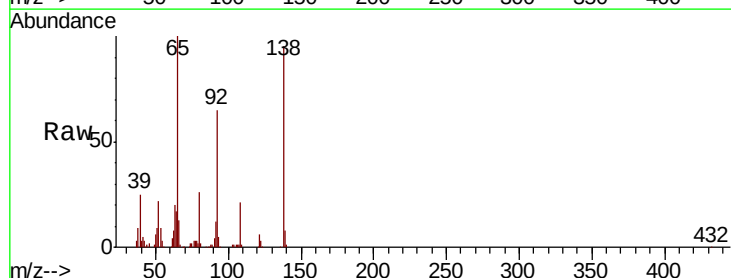
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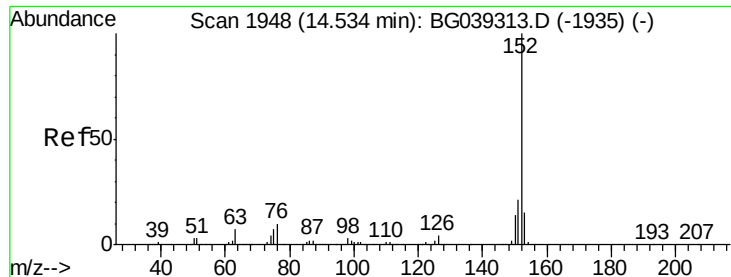
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#48
 2-Nitroaniline
 Concen: 46.653 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.1	51.4	77.2
138	94.5	71.4	107.2





#49

Acenaphthylene

Concen: 41.422 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

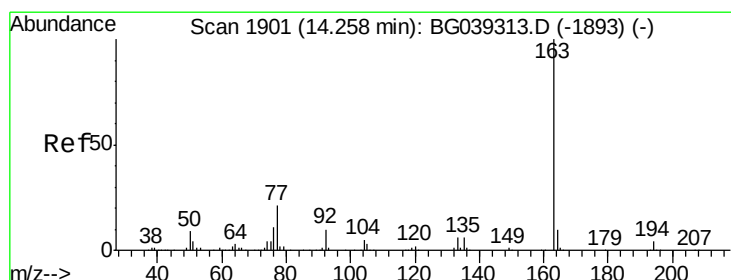
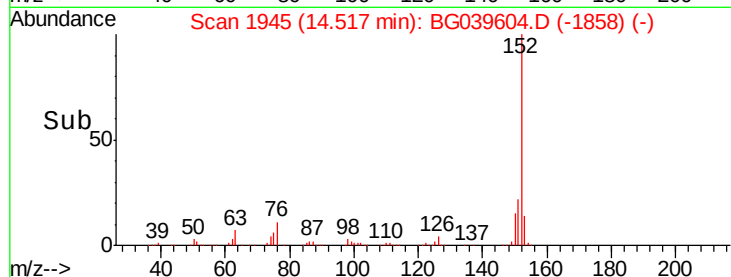
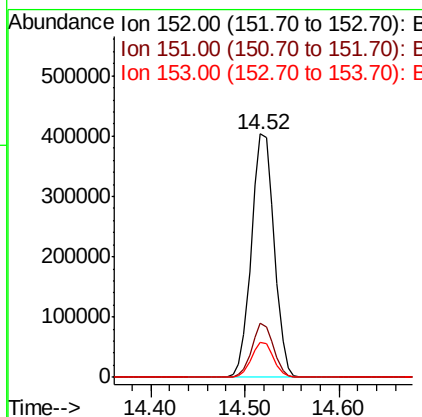
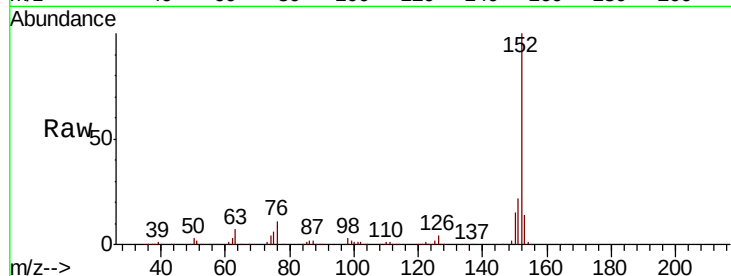
ClientSampled :

M-1MSD

Tot Ion:	152	Resp:	676498
Ion Ratio	Lower	Upper	
152	100		
151	22.4	16.8	25.2
153	14.5	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.505 ng

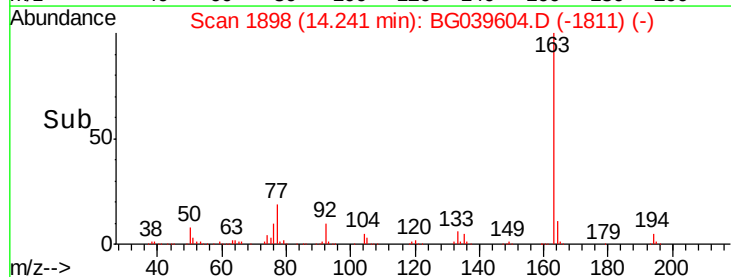
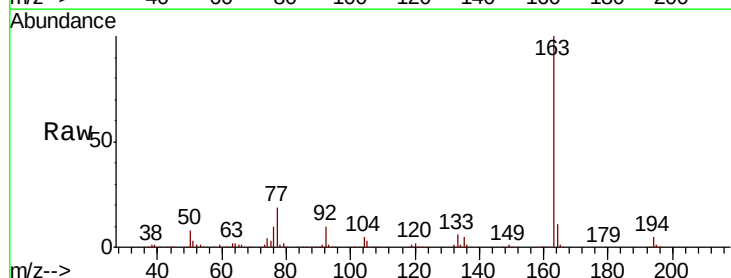
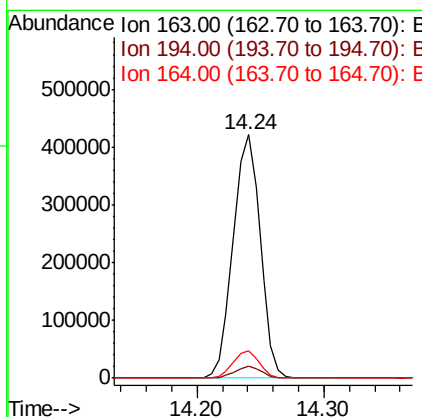
RT: 14.24 min Scan# 1898

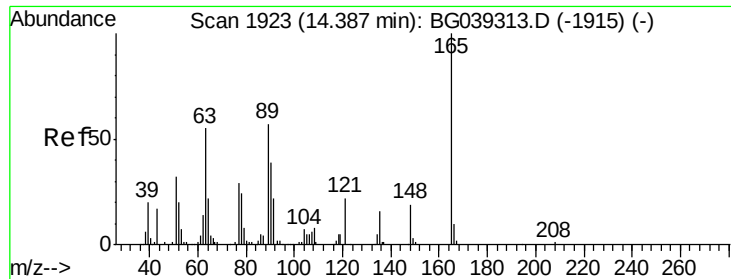
Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	163	Resp:	621550
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	11.0	8.4	12.6





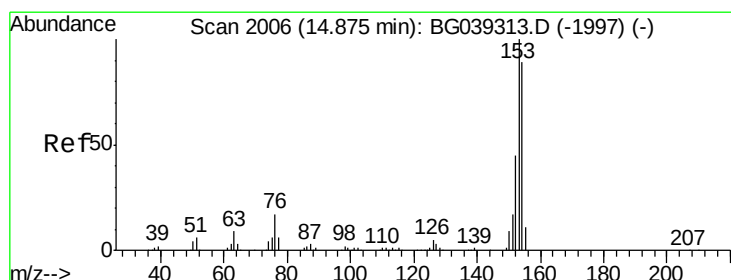
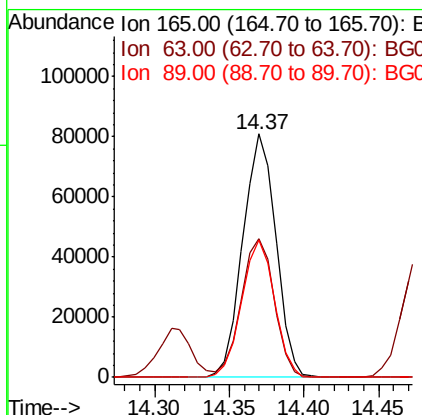
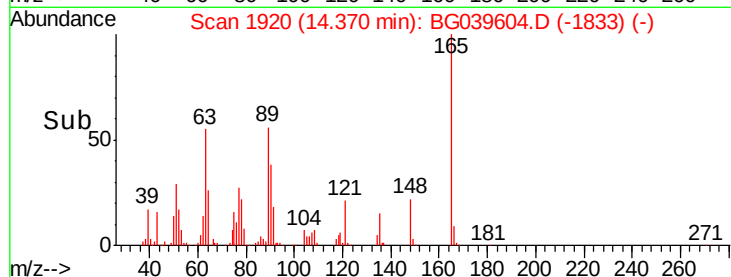
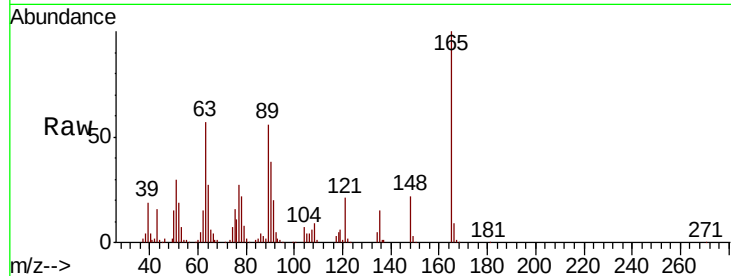
#51
 2,6-Dinitrotoluene
 Concen: 47.548 ng
 RT: 14.37 min Scan# 1920
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	123923		
63	57.0		47.0	70.6
89	56.4		45.8	68.8

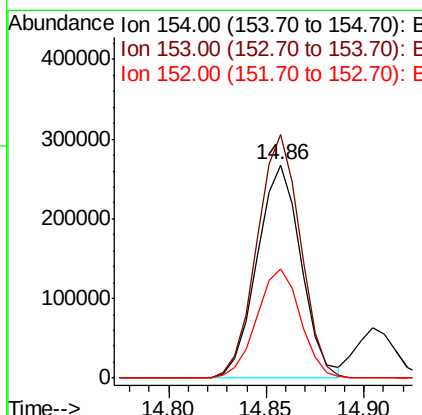
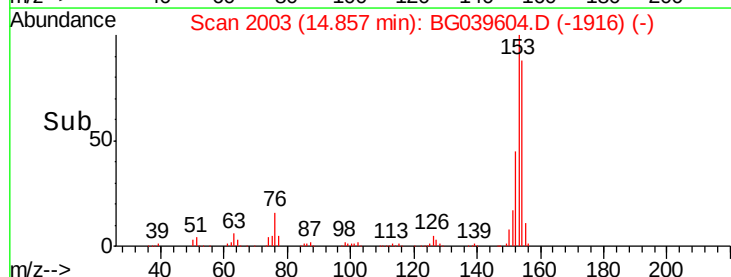
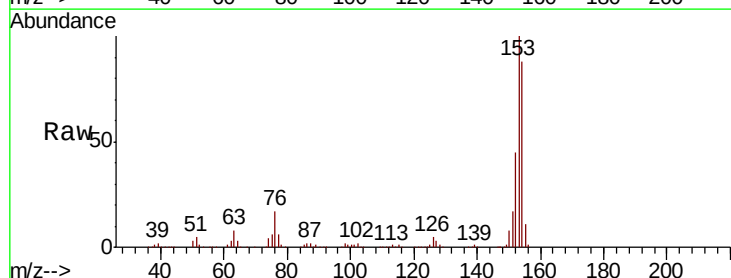
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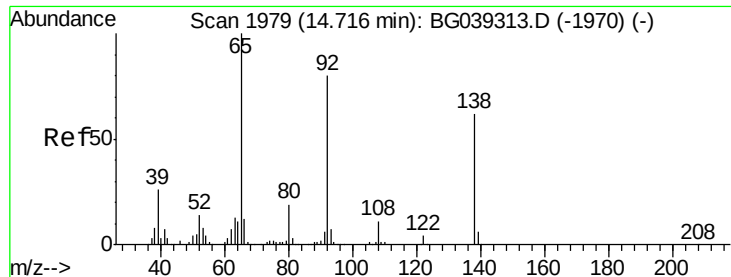
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#52
 Acenaphthene
 Concen: 39.508 ng
 RT: 14.86 min Scan# 2003
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	418840		
153	114.1		90.1	135.1
152	51.4		40.9	61.3





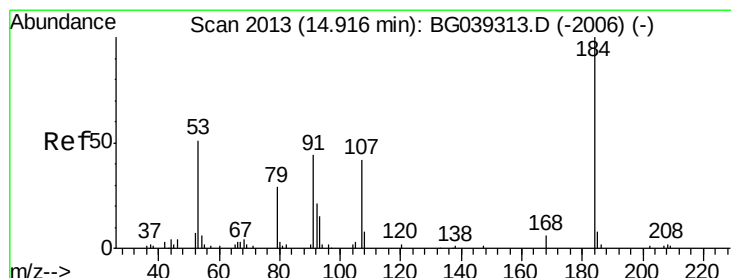
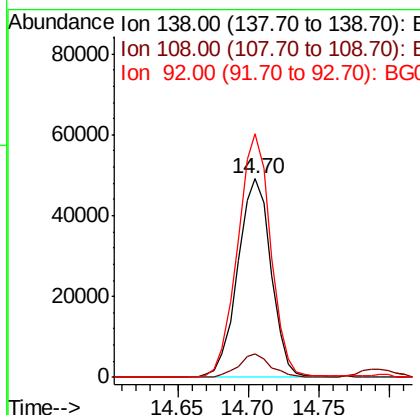
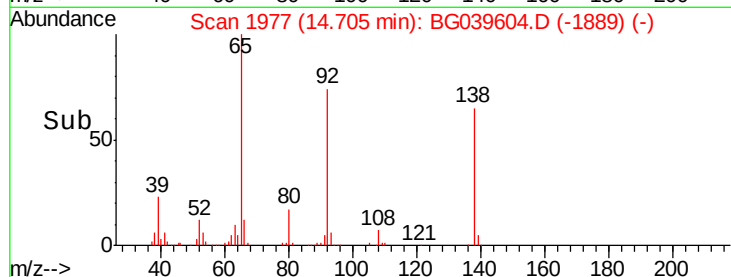
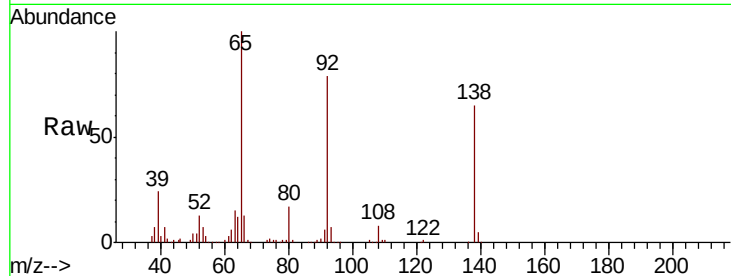
#53
3-Nitroaniline
Concen: 30.905 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion:138 Resp: 80435
Ion Ratio Lower Upper
138 100
108 11.8 13.8 20.8#
92 122.8 103.7 155.5

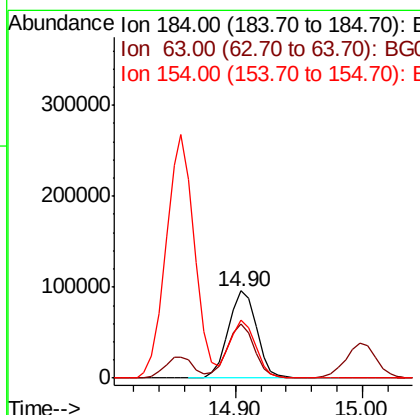
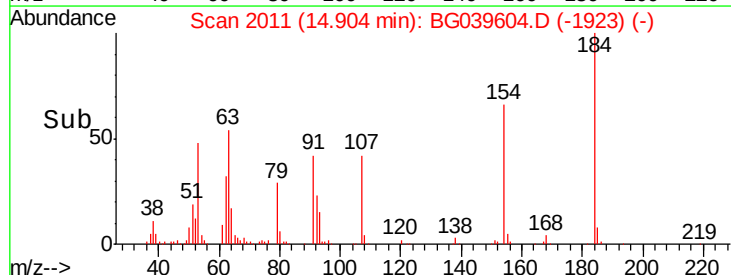
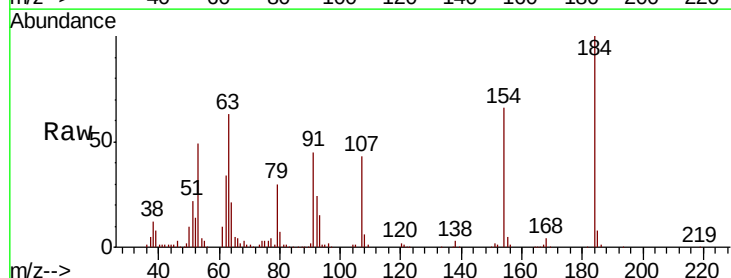
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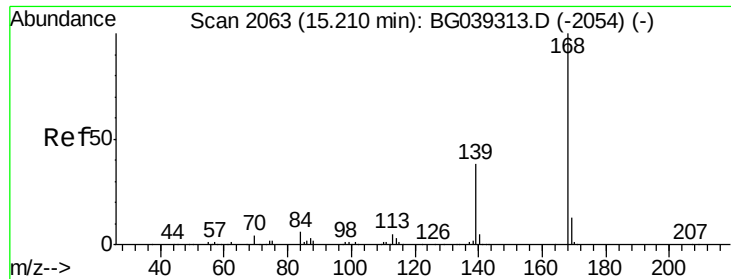
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#54
2,4-Dinitrophenol
Concen: 109.191 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion:184 Resp: 148542
Ion Ratio Lower Upper
184 100
63 62.8 50.9 76.3
154 66.1 53.0 79.6





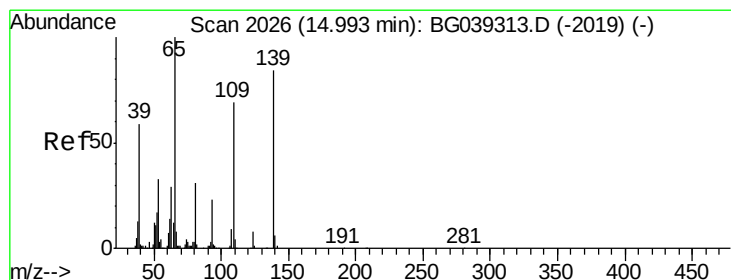
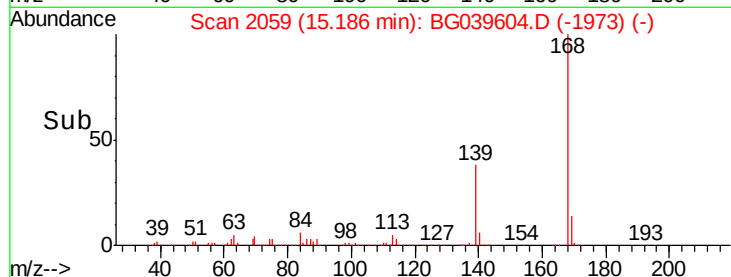
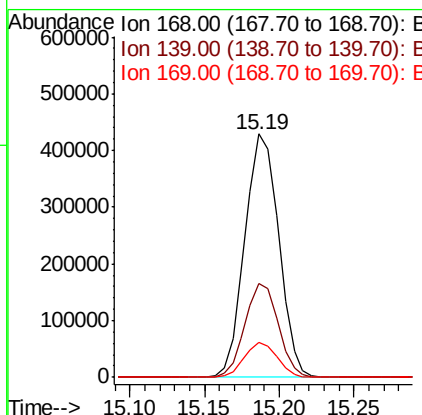
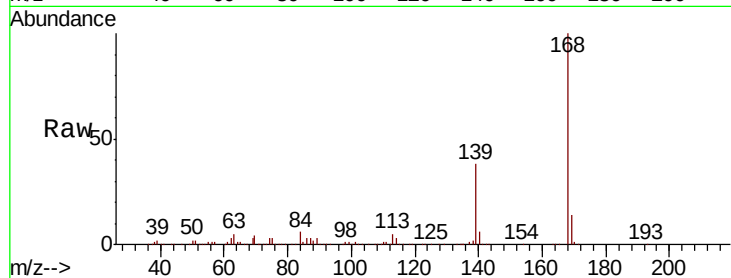
#55
Dibenzofuran
Concen: 39.748 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	14.4	10.6	16.0

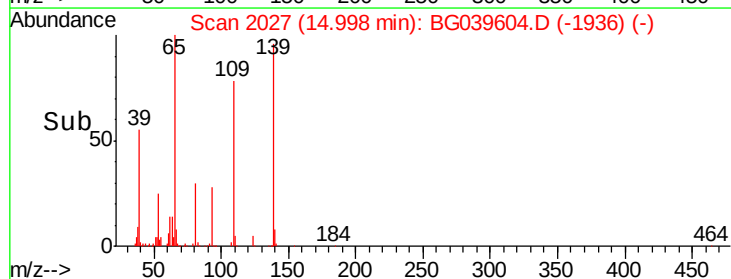
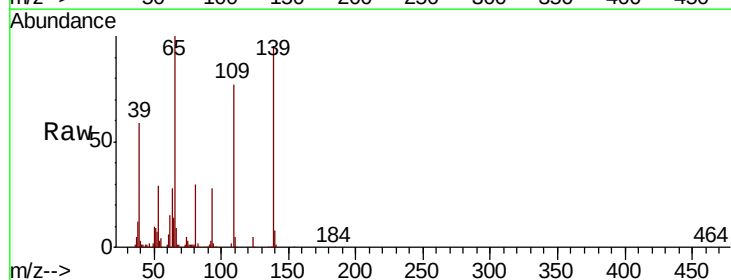
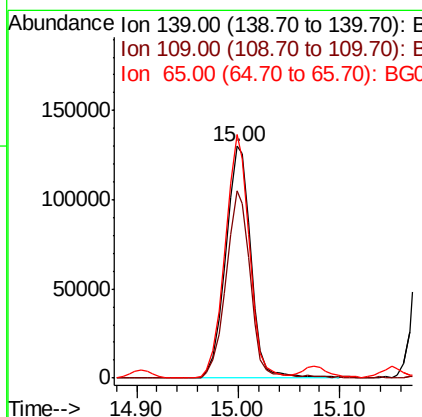
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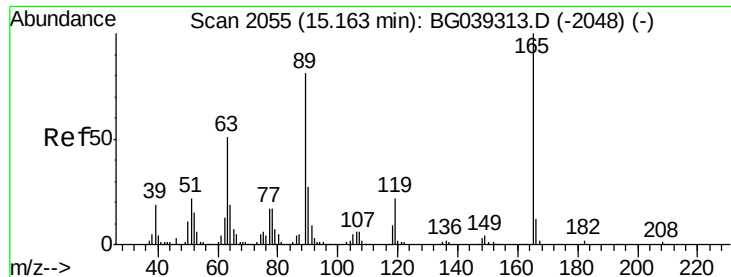
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#56
4-Nitrophenol
Concen: 87.652 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.8	61.9	101.9
65	105.0	99.1	139.1





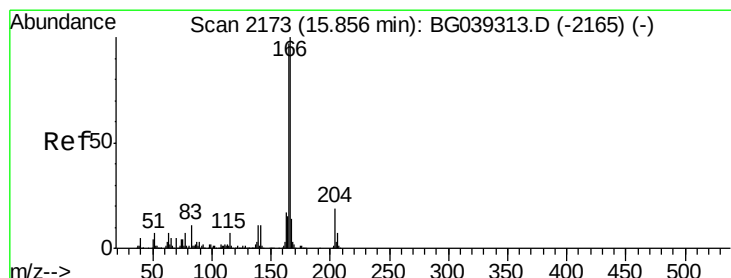
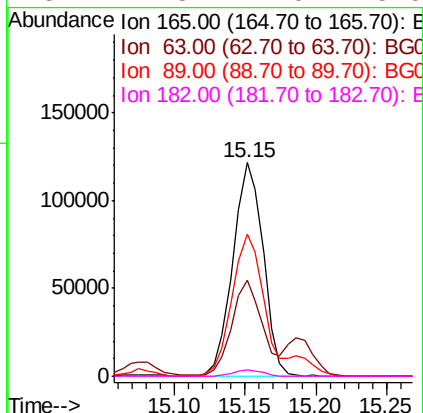
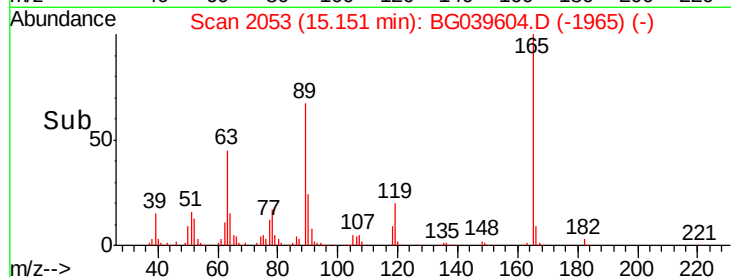
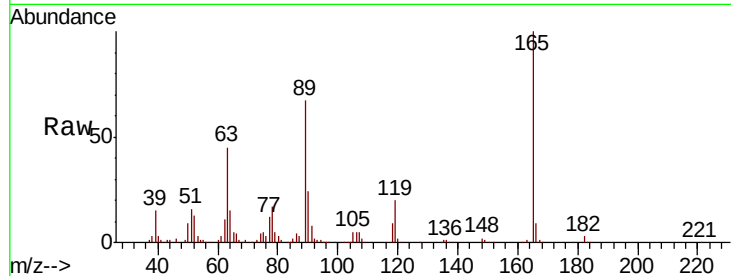
#57
 2,4-Dinitrotoluene
 Concen: 53.457 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :
 M-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		182286		
63	44.8		41.0	61.6	
89	66.7		64.6	96.8	
182	2.8		2.0	3.0	

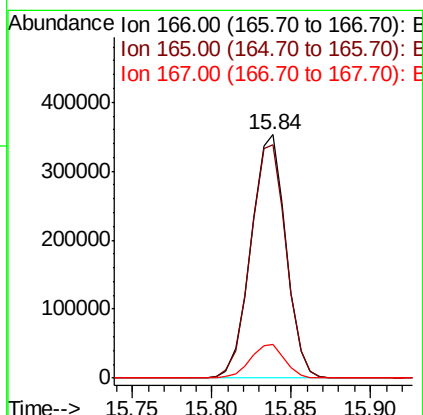
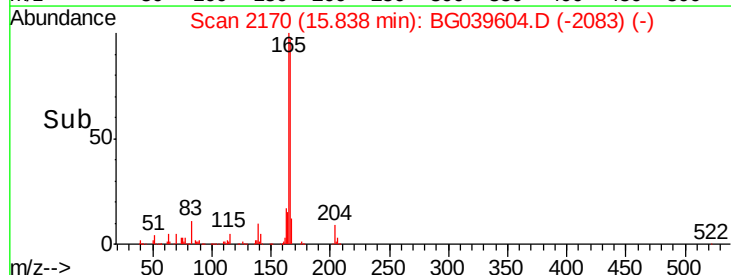
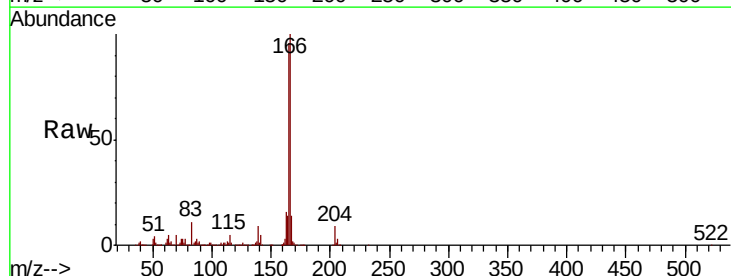
Manual Integrations
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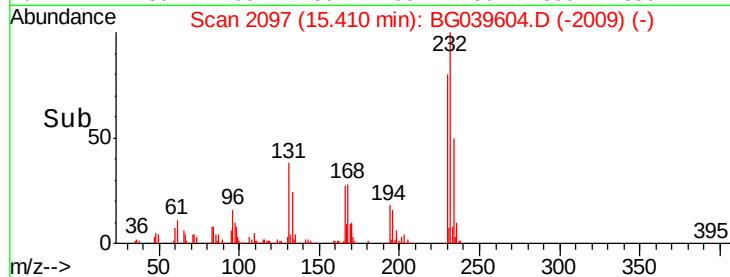
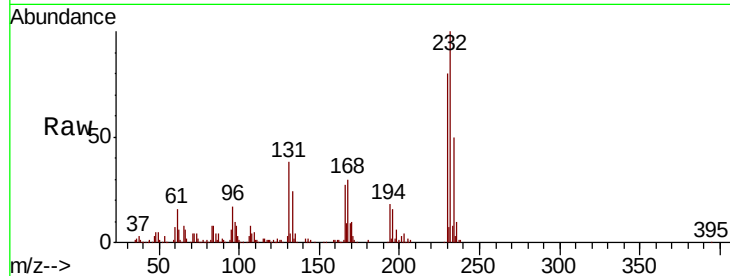
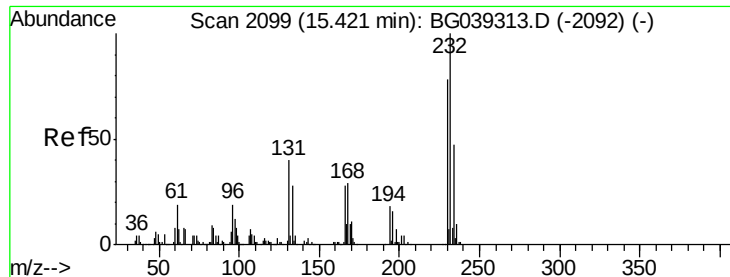
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#58
 Fluorene
 Concen: 42.417 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		537454		
165	96.0		77.9	116.9	
167	14.1		10.8	16.2	





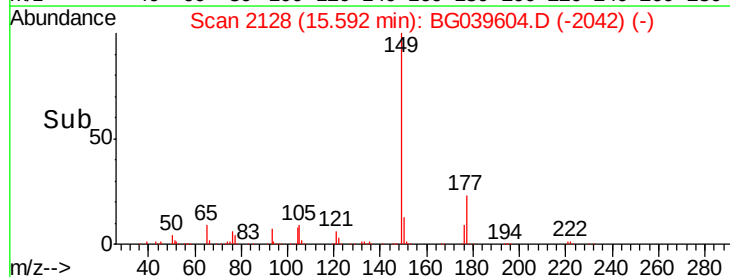
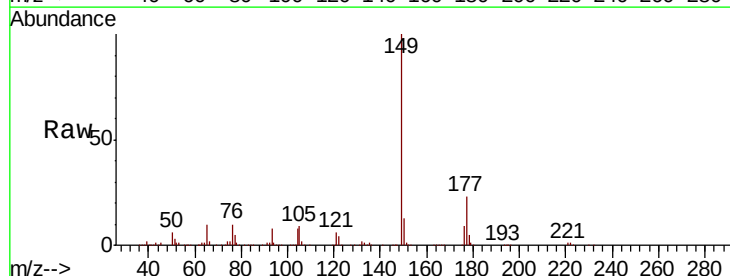
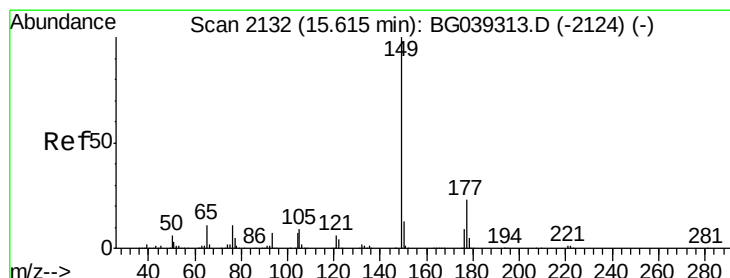
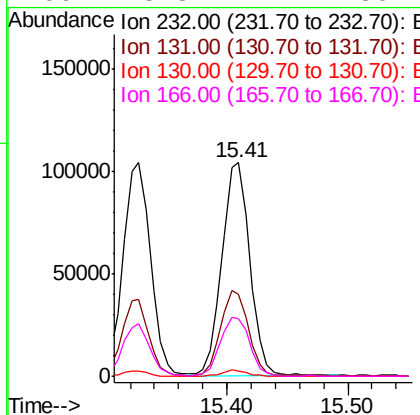
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.311 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	167019		
131	39.6		34.9	52.3
130	2.5		2.0	3.0
166	28.3		24.1	36.1

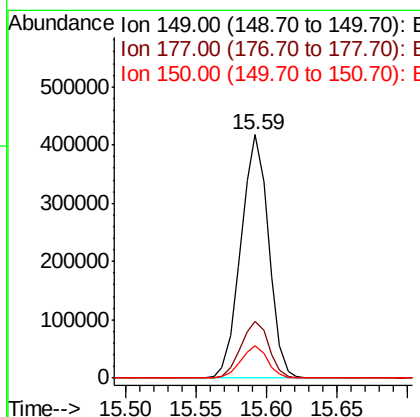
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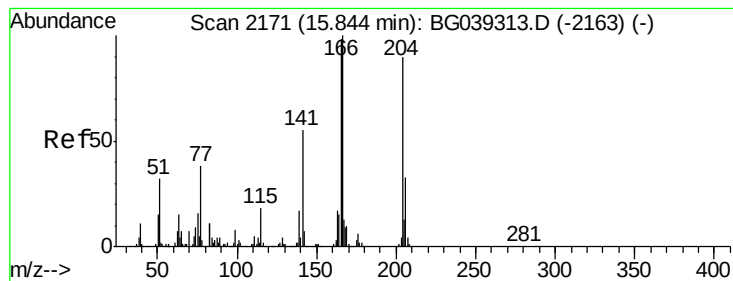
Sohil
2/27/2019 4:21:46 PM



#60
Diethylphthalate
Concen: 39.634 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	572306		
177	23.4		18.3	27.5
150	13.2		10.2	15.2





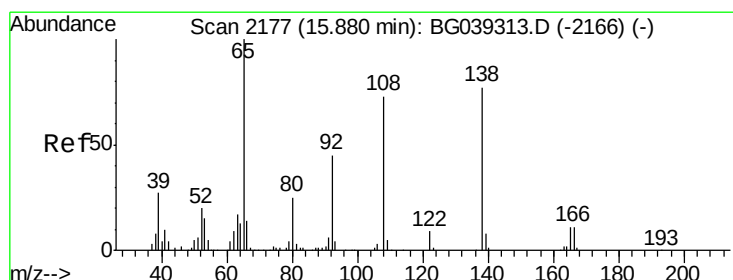
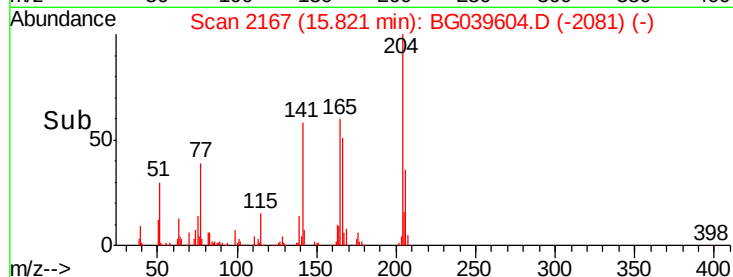
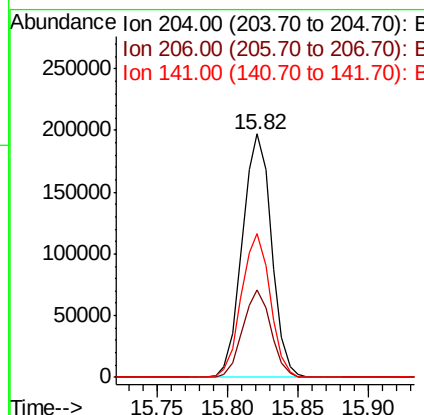
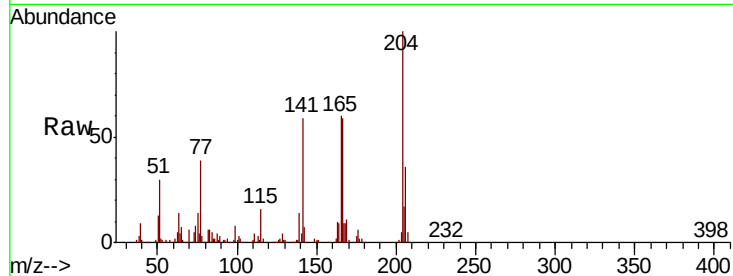
#61
4-Chlorophenyl-phenylether
Concen: 39.603 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.1	29.2	43.8
141	59.0	49.0	73.4

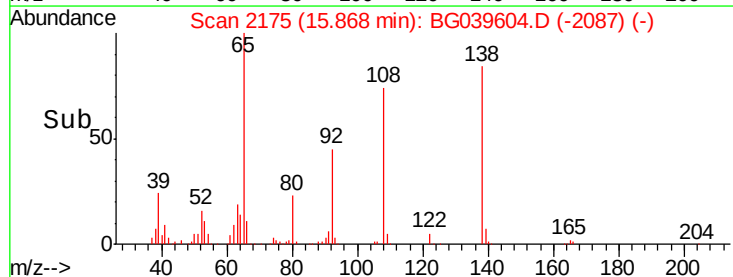
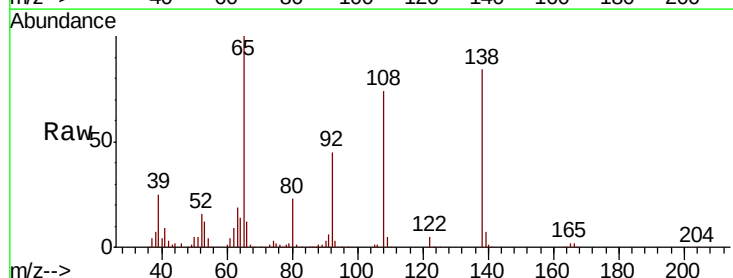
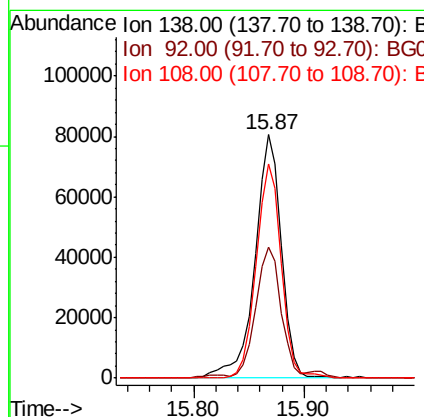
Manual Integrations
APPROVED

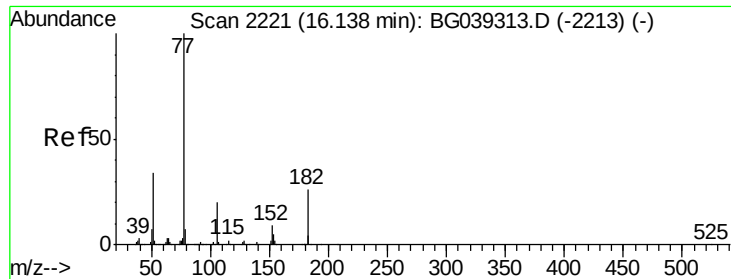
Sohil
2/27/2019 4:21:46 PM



#62
4-Nitroaniline
Concen: 46.343 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	38.7	78.7
108	87.8	74.6	114.6





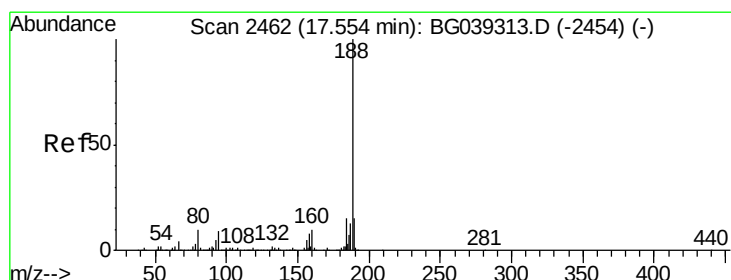
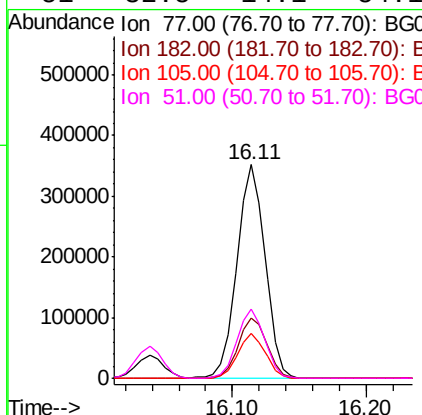
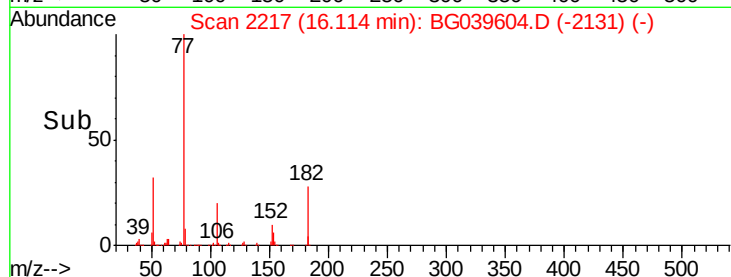
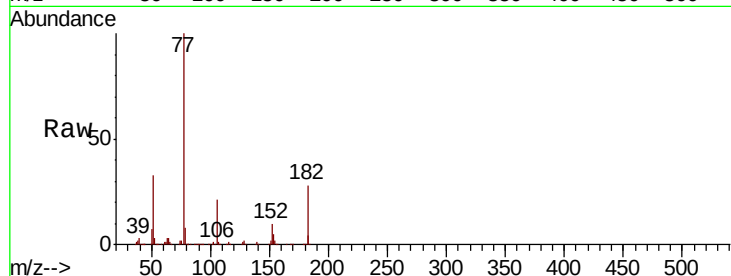
#63
Azobenzene
Concen: 36.297 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.2	6.4	46.4		
105	21.2	0.0	39.8		
51	32.5	14.1	54.1		

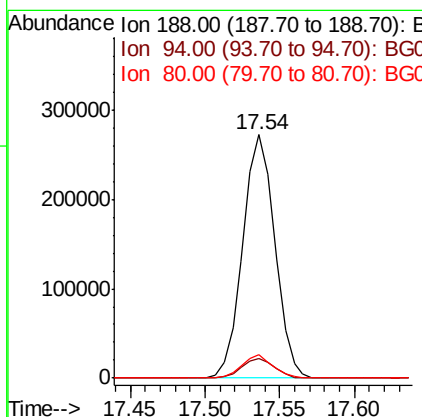
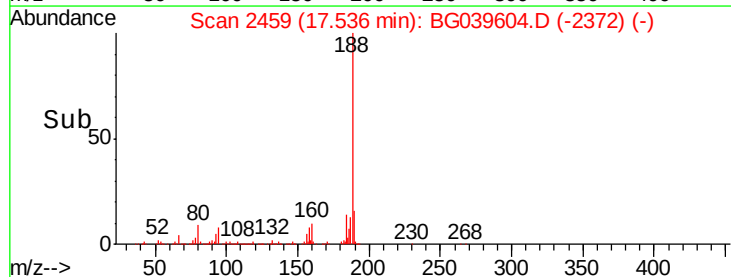
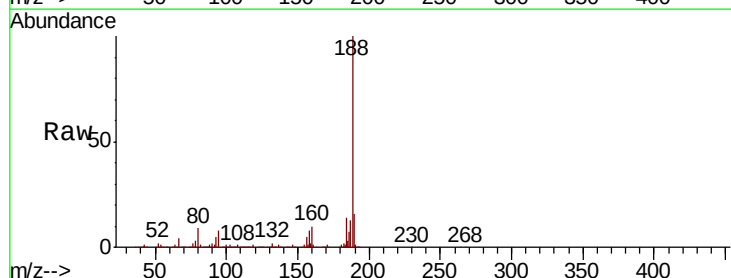
Manual Integrations
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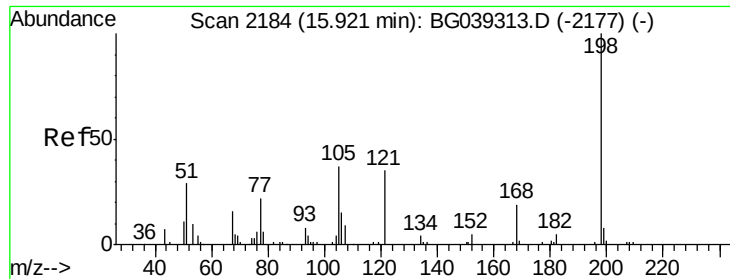
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.0	6.9	10.3		
80	9.4	8.1	12.1		





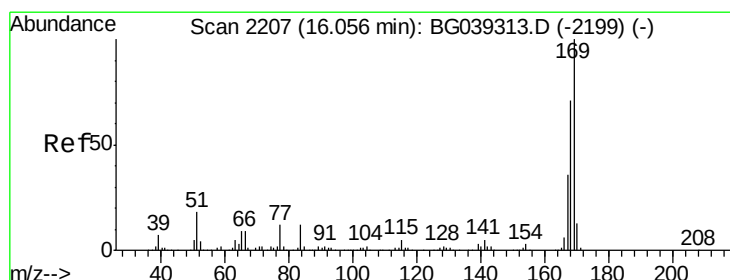
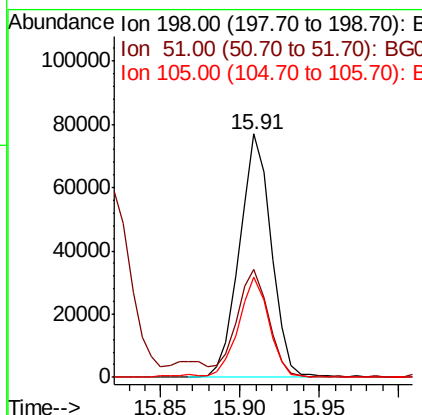
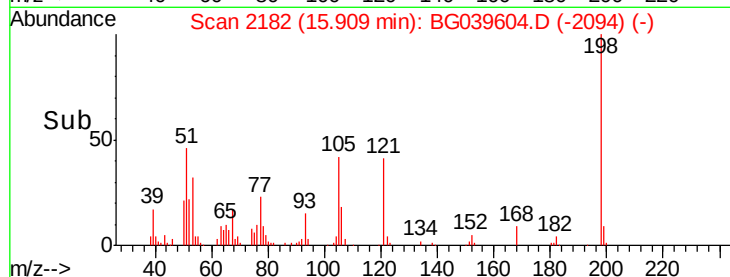
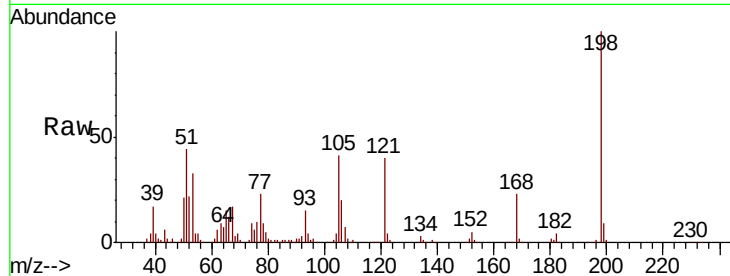
#65
4,6-Dinitro-2-methylphenol
Concen: 60.621 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.3	27.4	67.4
105	40.9	19.7	59.7

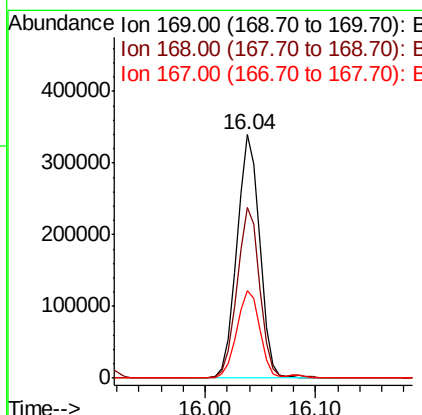
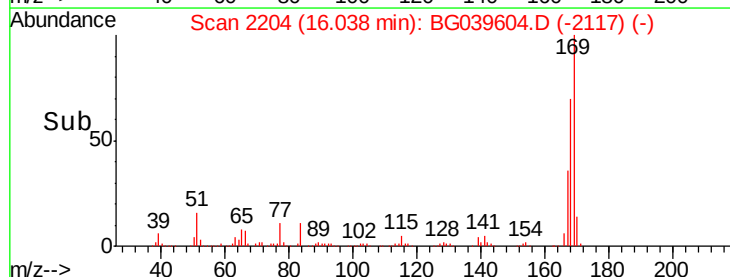
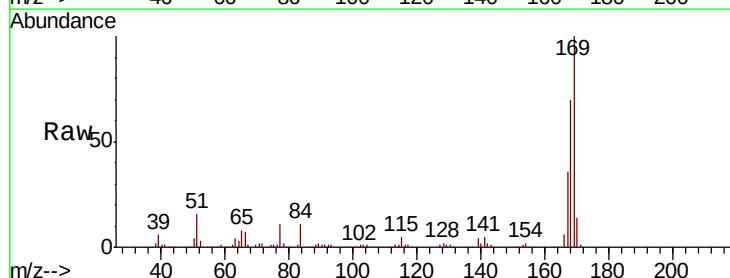
Manual Integrations
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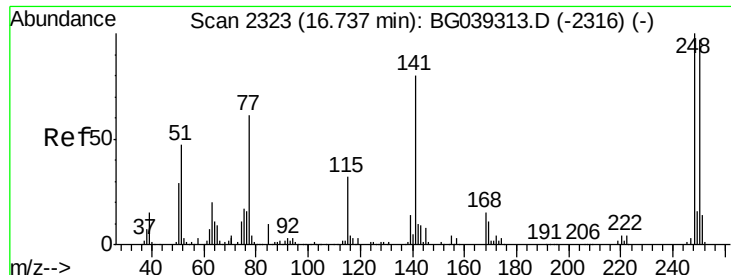
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#66
n-Nitrosodiphenylamine
Concen: 40.000 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.6	85.0
167	35.7	28.8	43.2





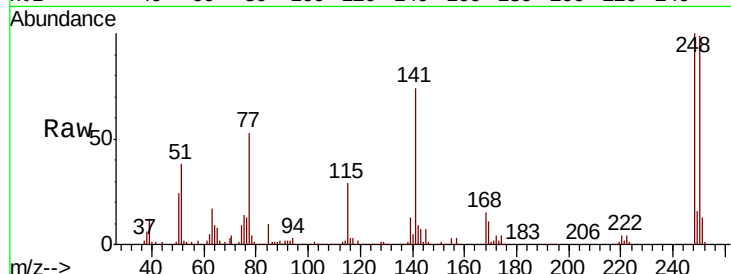
#67
 4-Bromophenyl-phenylether
 Concen: 42.045 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :
 M-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.6	116.4
141	73.7	63.9	95.9

Manual Integrations
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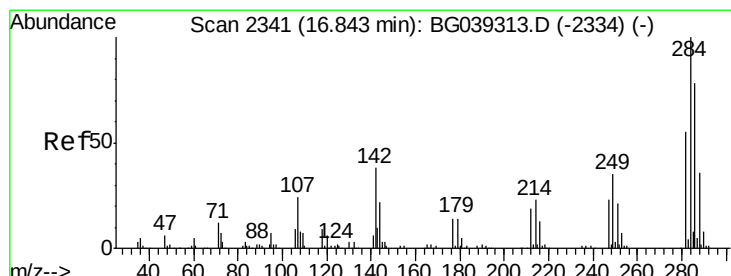
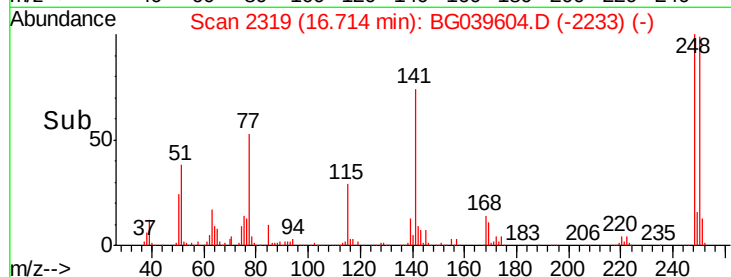
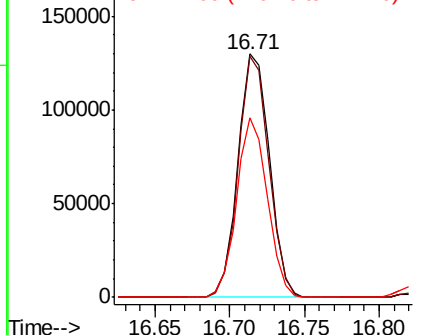


Abundance

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: 42.620 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

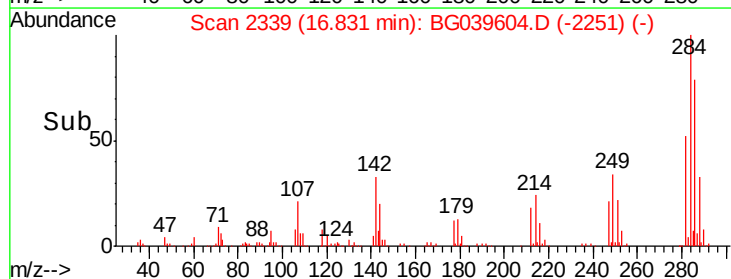
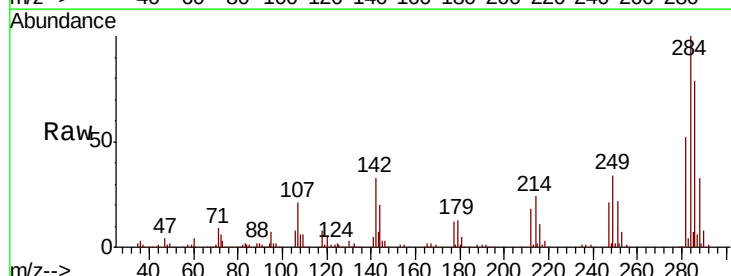
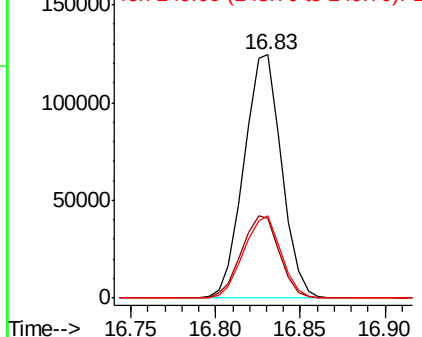
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	30.6	45.8
249	33.6	28.2	42.2

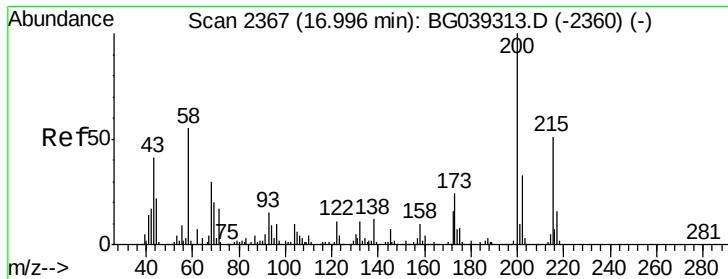
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





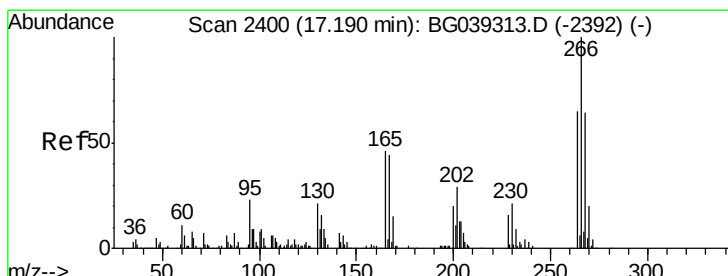
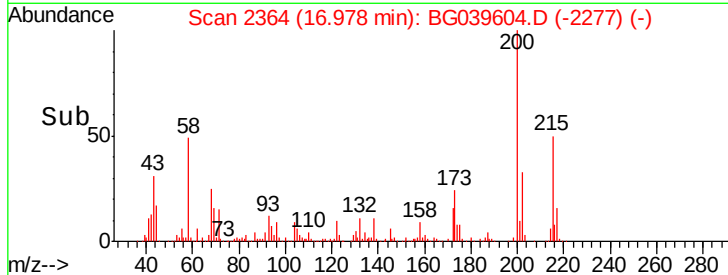
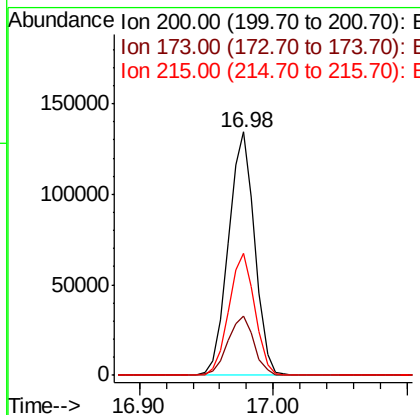
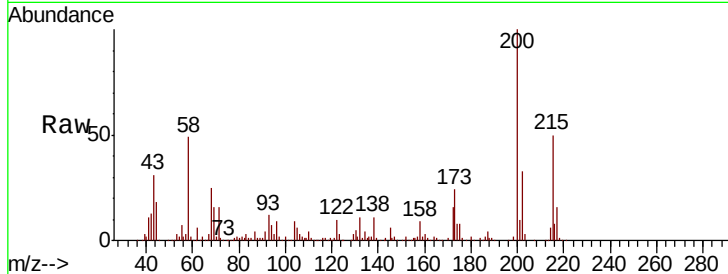
#69
 Atrazine
 Concen: 40.947 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampled :
 M-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	3.9	43.9
215	50.1	30.9	70.9

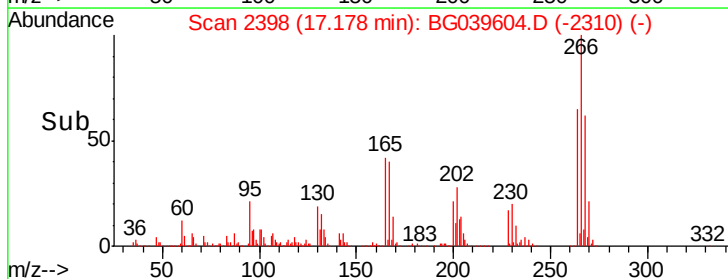
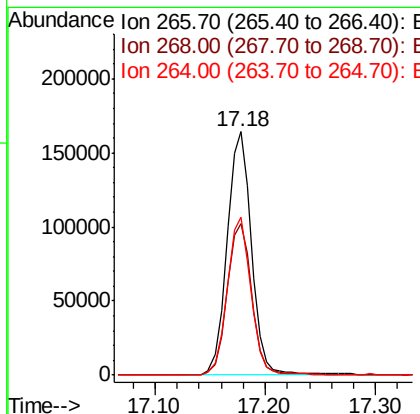
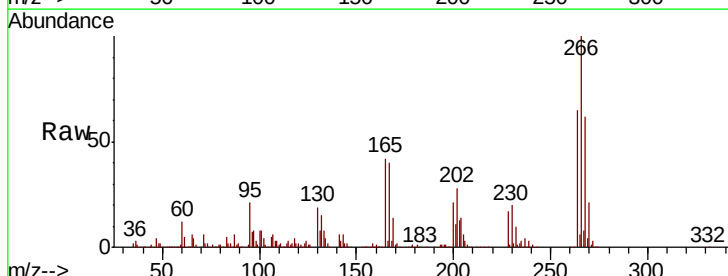
Manual Integrations
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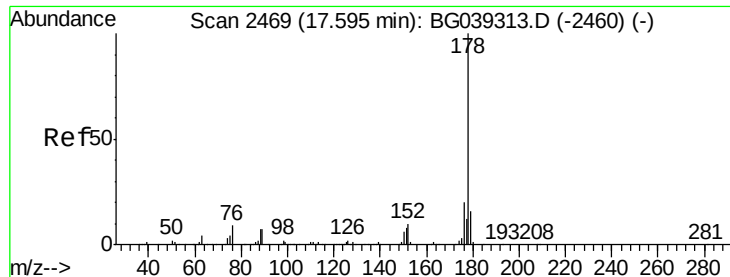
Sohil
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#70
 Pentachlorophenol
 Concen: 81.017 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	51.1	76.7
264	64.9	52.1	78.1





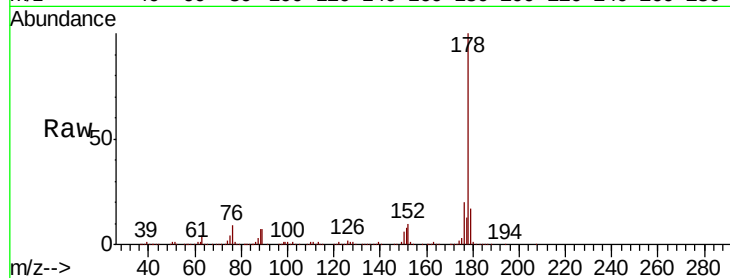
#71
Phenanthrene
Concen: 42.693 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.7	12.6	19.0

Manual Integrations
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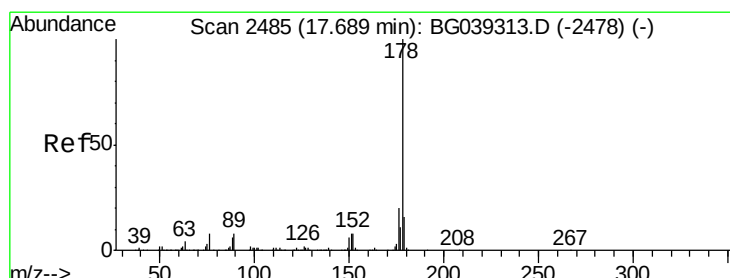
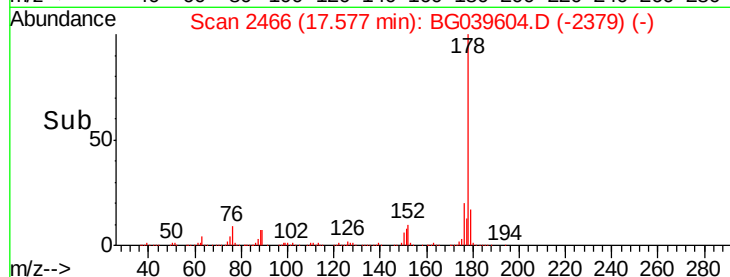
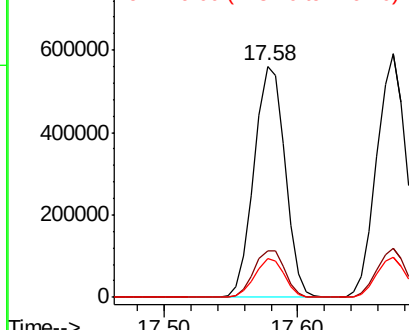


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.729 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

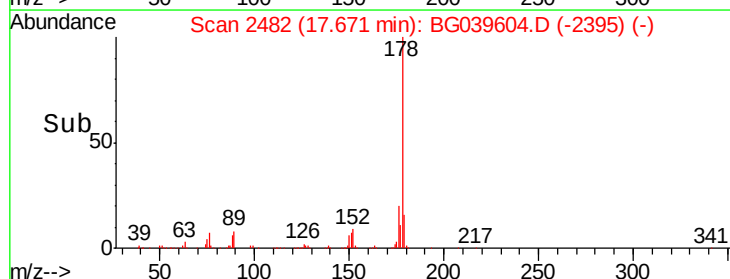
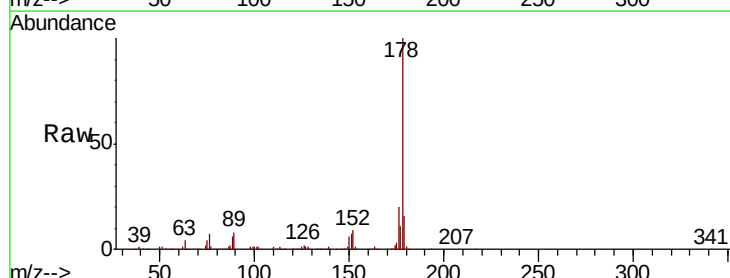
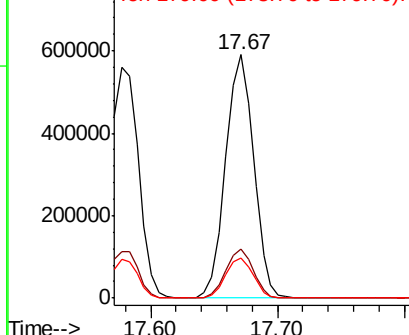
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.4	12.5	18.7

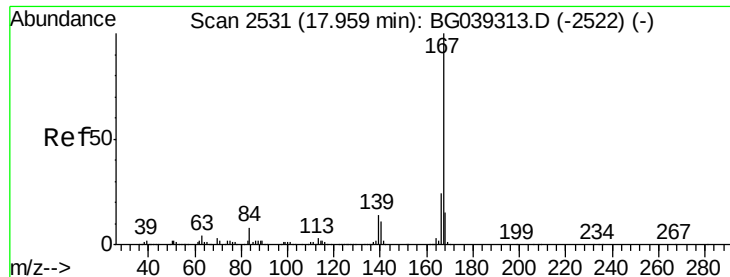
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.833 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

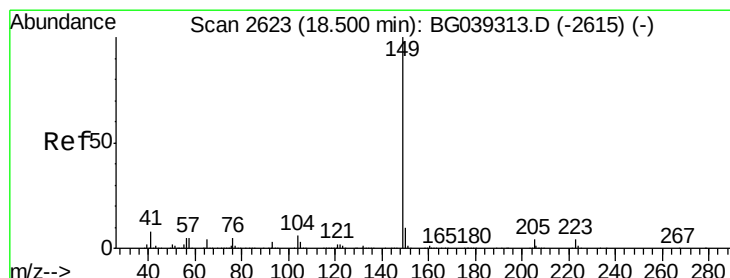
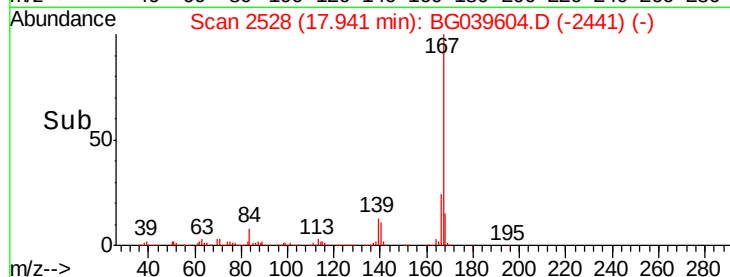
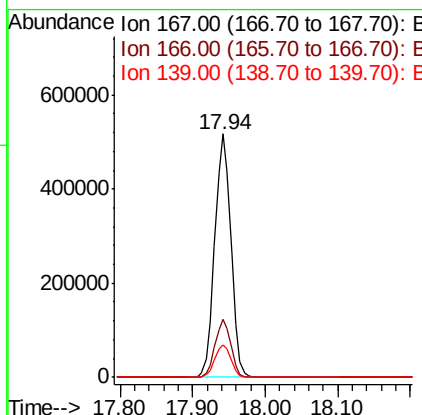
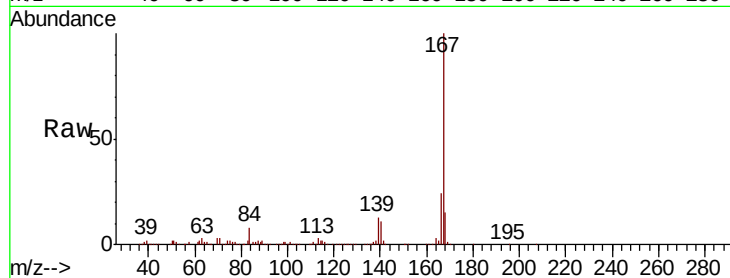
ClientSampleId :

M-1MSD

Tot Ion:	167	Resp:	802112
Ion Ratio	Lower	Upper	
167	100		
166	24.1	19.4	29.2
139	13.5	10.8	16.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 39.965 ng

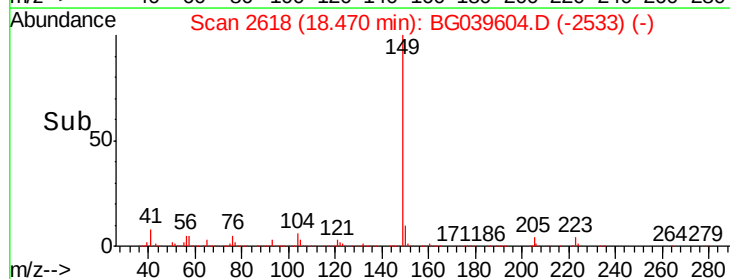
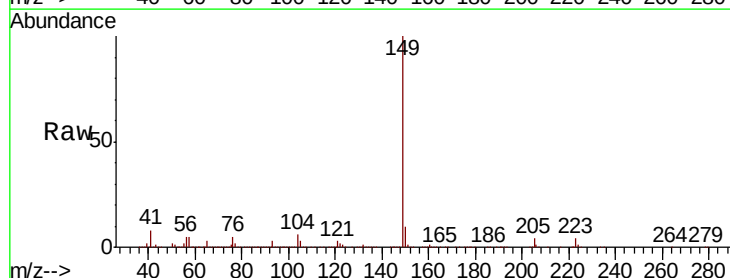
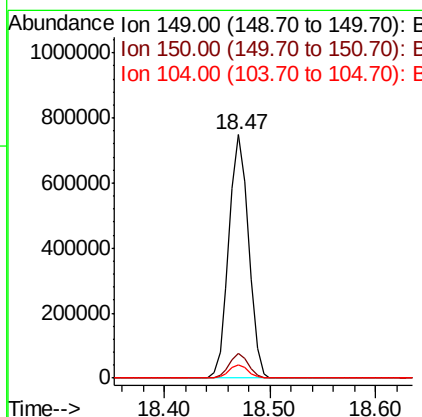
RT: 18.47 min Scan# 2618

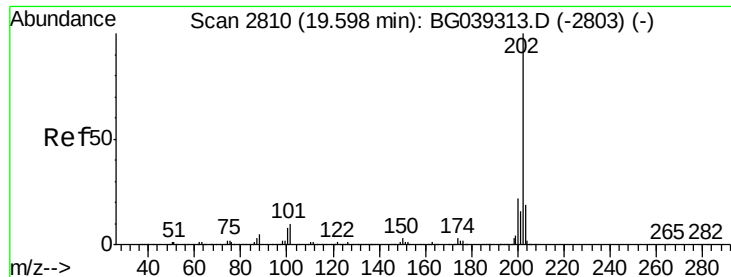
Delta R.T. -0.03 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	149	Resp:	963069
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 43.171 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

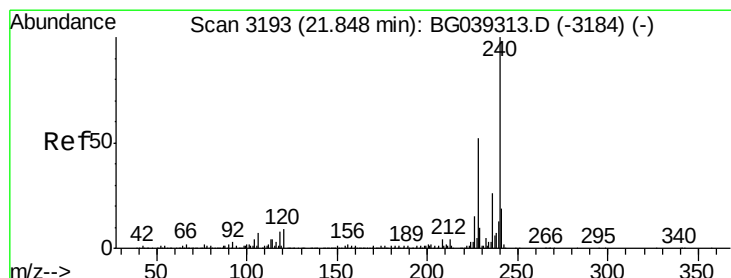
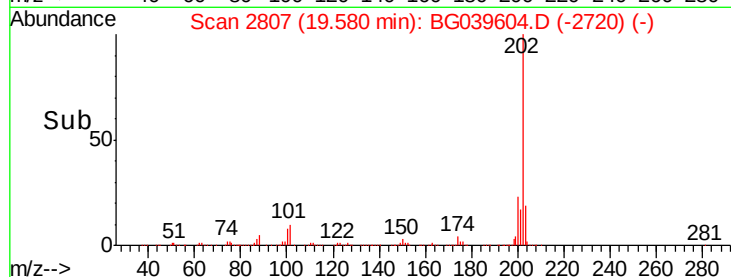
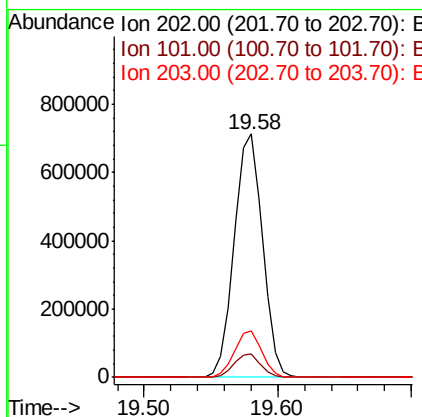
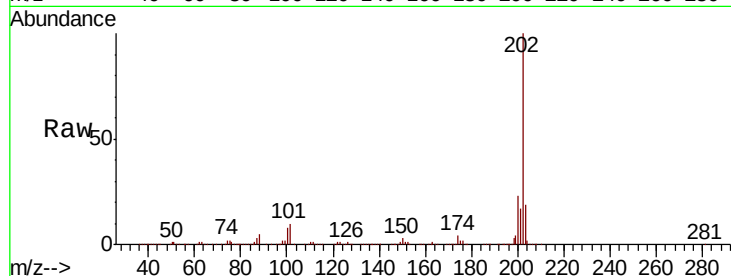
ClientSampleId :

M-1MSD

Tot Ion:	202	Resp:	1052895
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.8	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

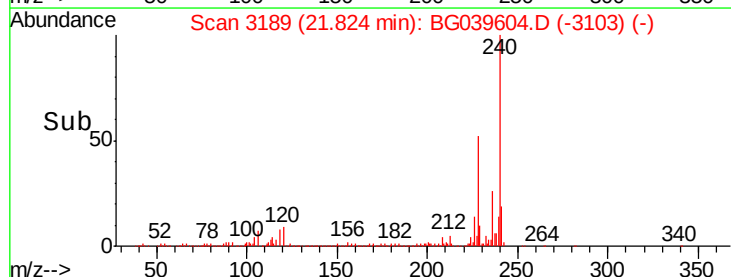
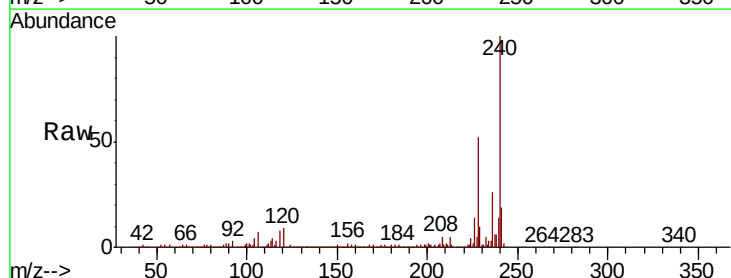
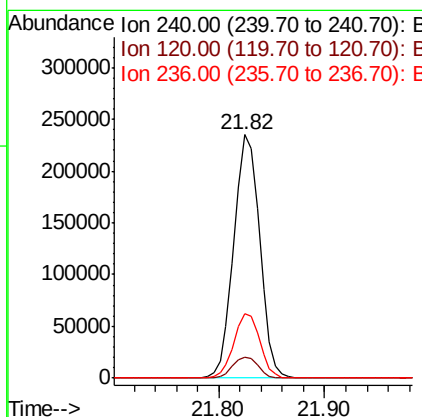
RT: 21.82 min Scan# 3189

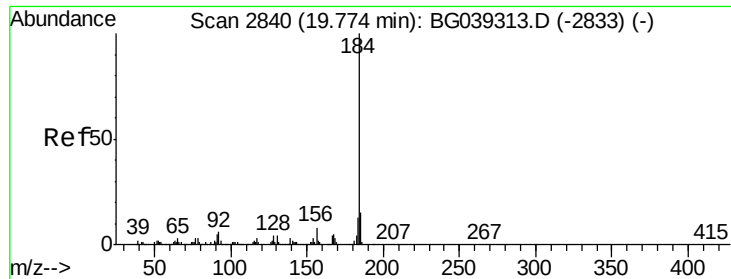
Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	240	Resp:	398191
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.4	21.0	31.4





#77

Benzidine

Concen: 39.486 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

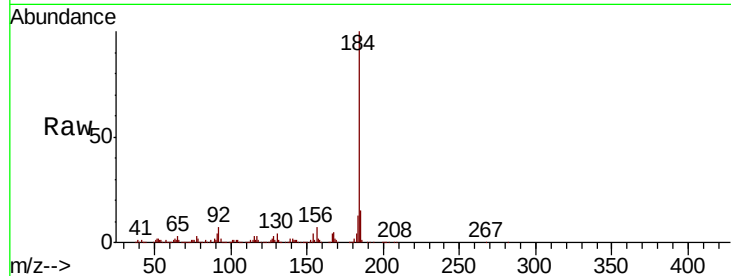
ClientSampleId :

M-1MSD

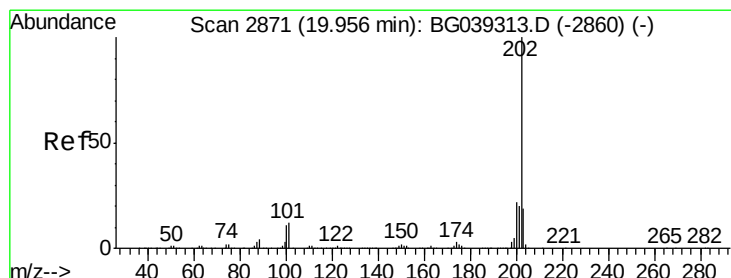
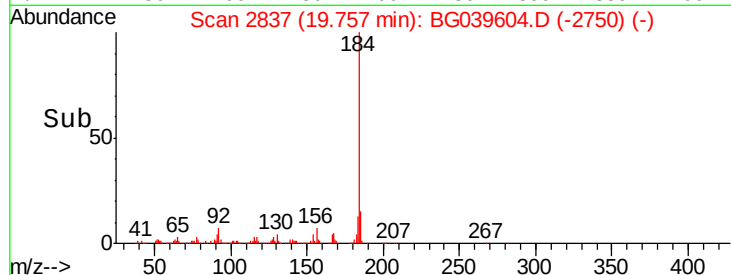
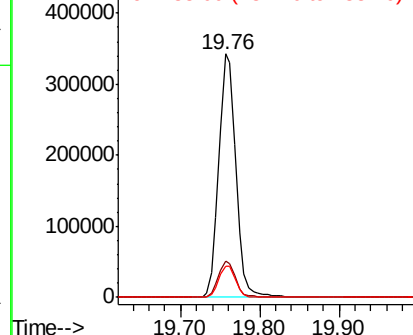
Tot Ion:	184	Resp:	515483
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	13.0	10.6	15.8

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.396 ng

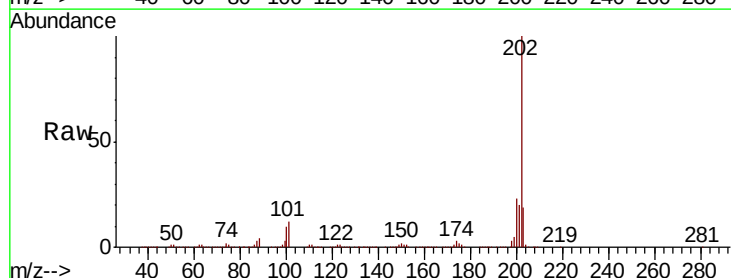
RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

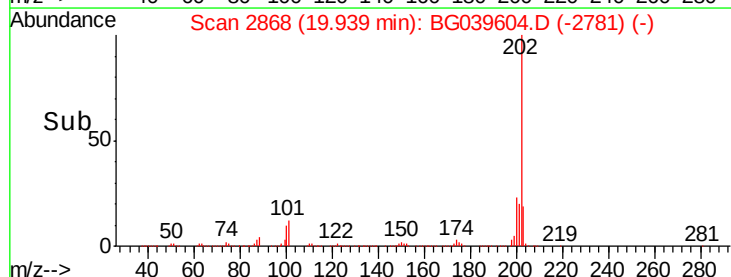
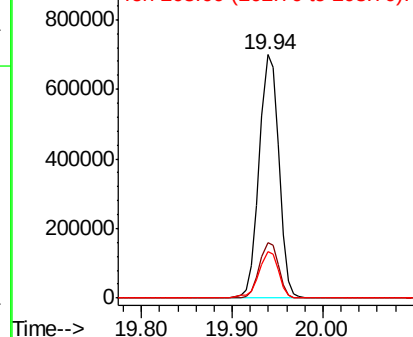
Lab File: BG039604.D

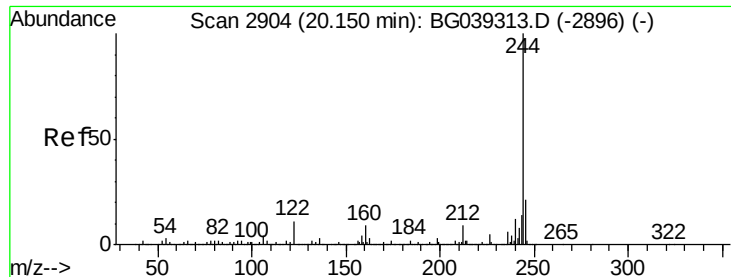
Acq: 26 Feb 2019 17:21

Tgt Ion:	202	Resp:	1050921
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.8	26.8
203	19.3	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.004 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

ClientSampleId :

M-1MSD

Tot Ion:244 Resp: 1316918

Ion Ratio Lower Upper

244 100

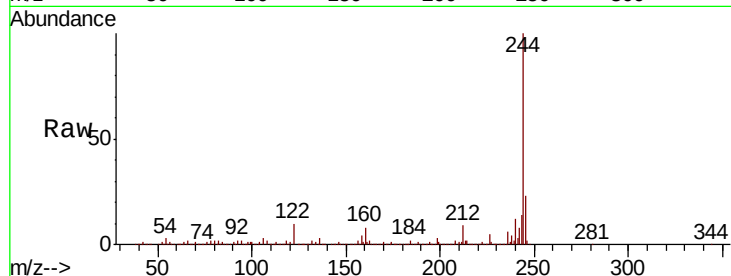
212 9.5 7.3 10.9

122 9.8 8.4 12.6

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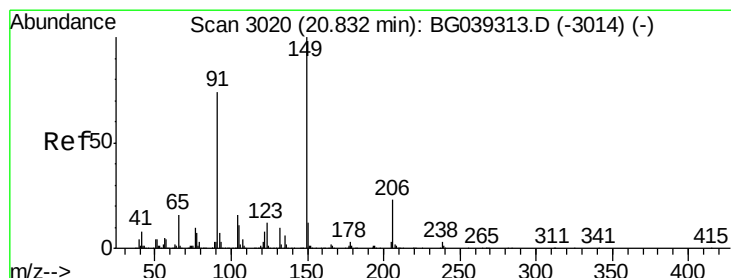
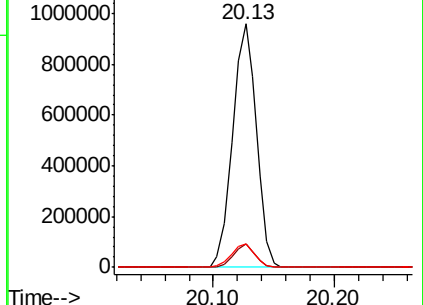
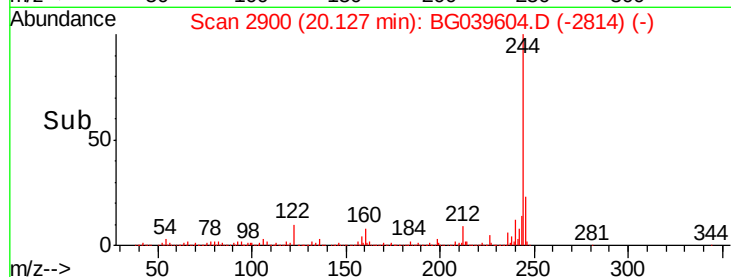
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.637 ng

RT: 20.81 min Scan# 3016

Delta R.T. -0.02 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

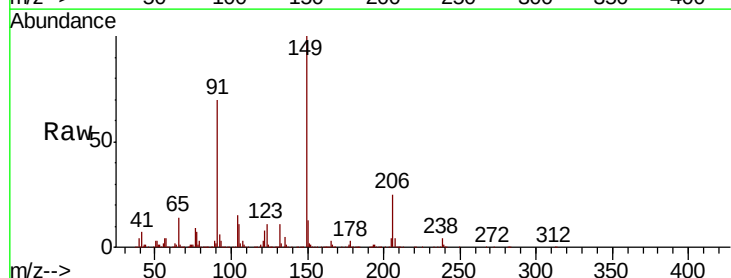
Tgt Ion:149 Resp: 445840

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

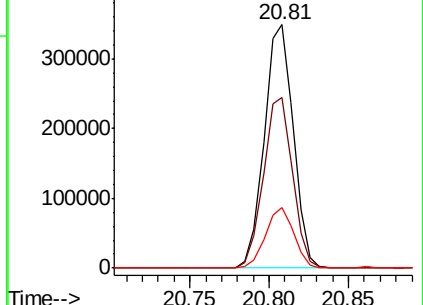
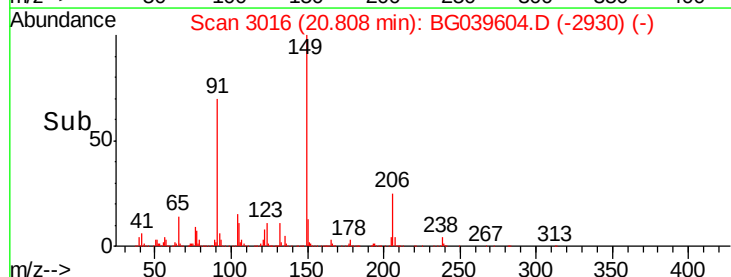
206 25.1 18.6 27.8

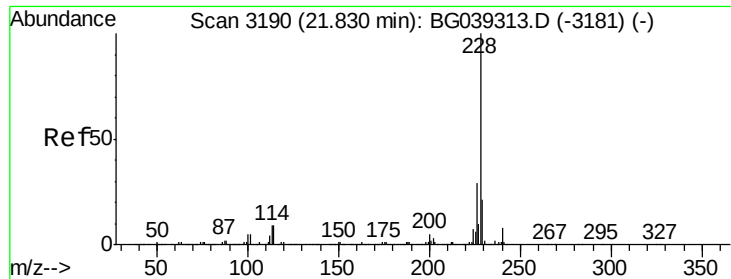


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





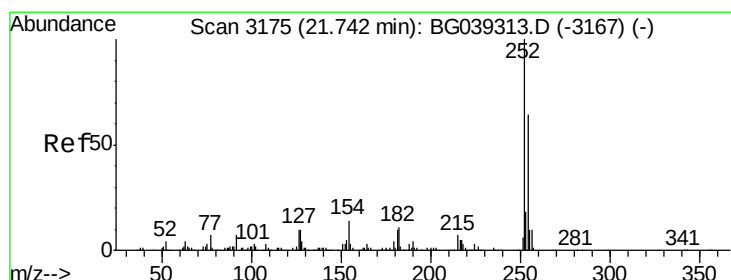
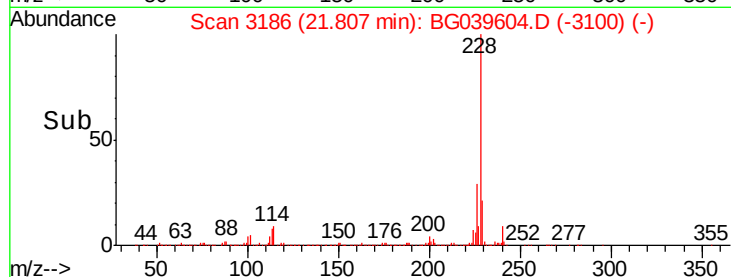
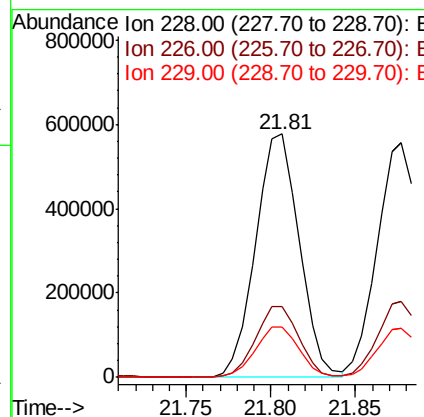
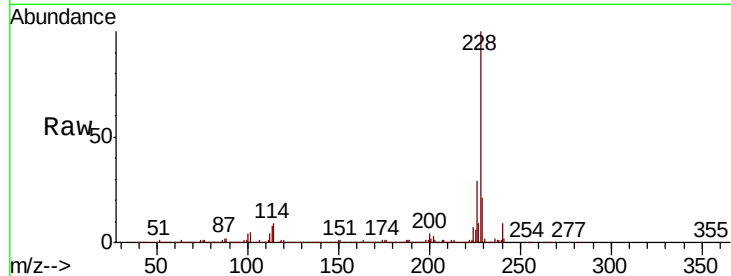
#81
Benzo(a)anthracene
Concen: 43.964 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	20.8	16.9	25.3

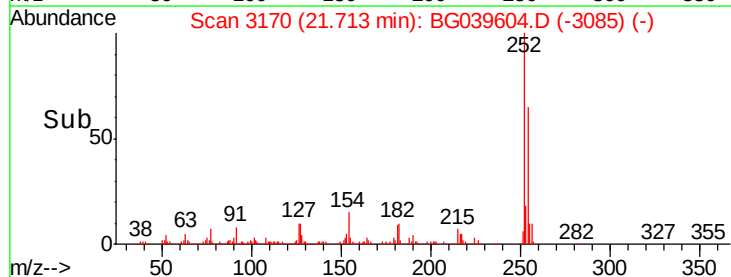
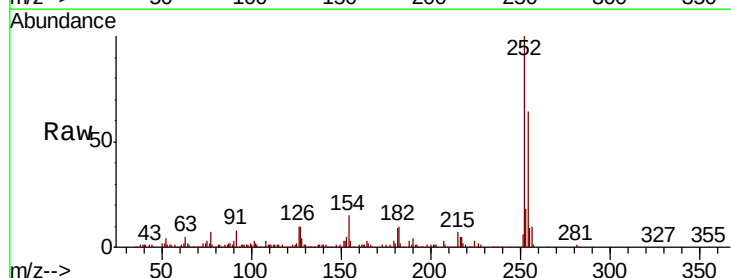
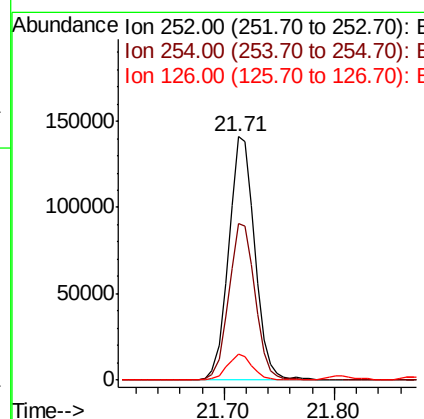
Manual Integrations
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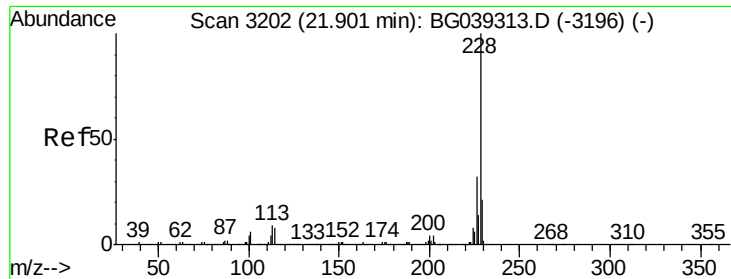
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#82
3,3'-Dichlorobenzidine
Concen: 26.803 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.03 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	10.4	8.0	12.0





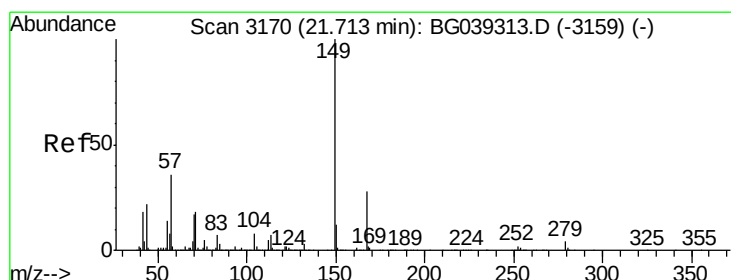
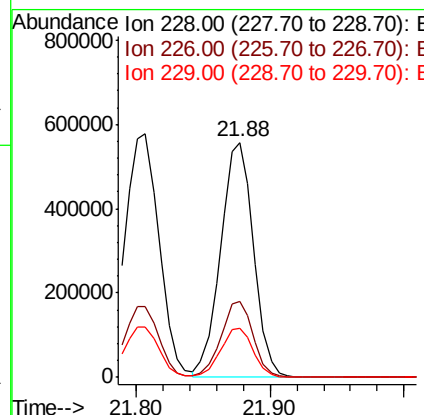
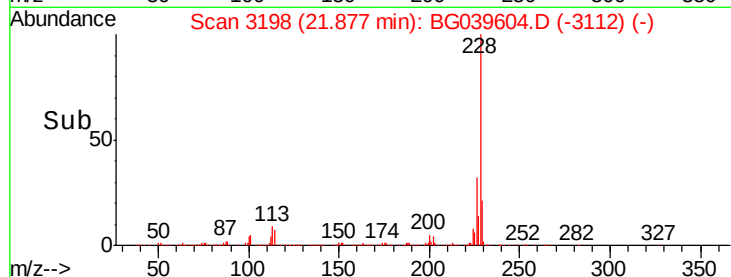
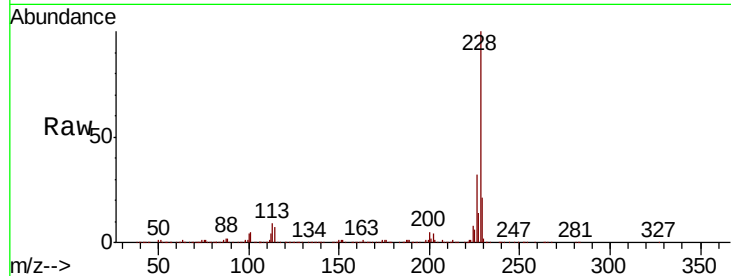
#83
 Chrysene
 Concen: 42.996 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Instrument :
 BNA_G
 ClientSampleId :
 M-1MSD

Tot Ion:	228	Resp:	963032
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.8	38.6
229	21.0	16.6	25.0

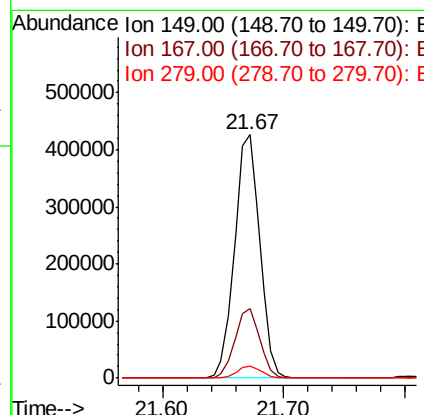
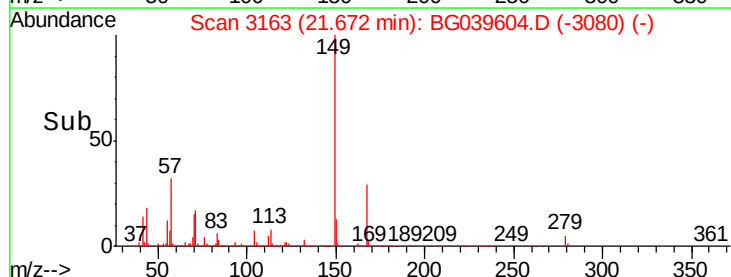
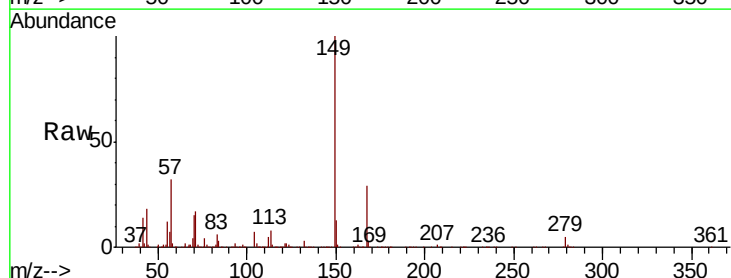
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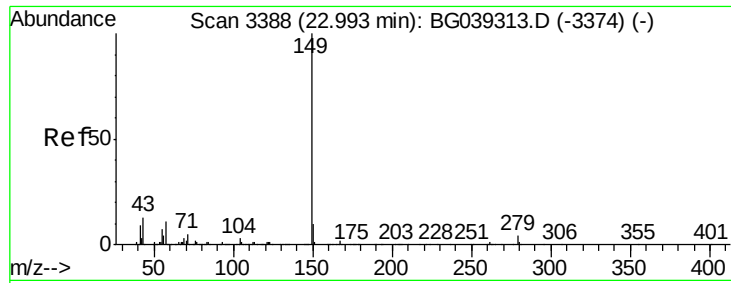
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.381 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.04 min
 Lab File: BG039604.D
 Acq: 26 Feb 2019 17:21

Tgt Ion:	149	Resp:	617317
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.6	34.0
279	5.0	3.5	5.3





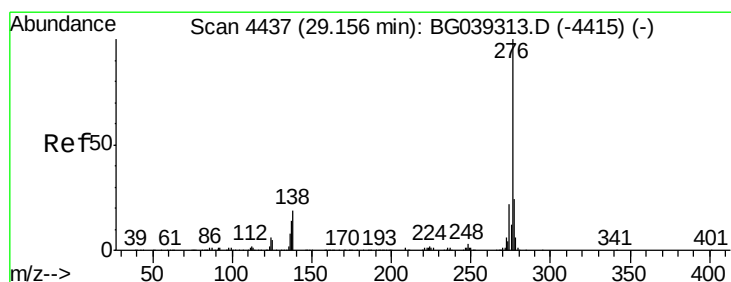
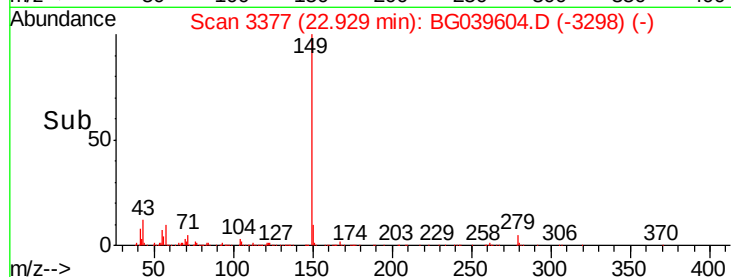
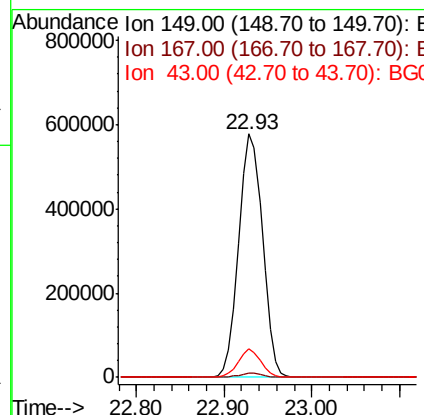
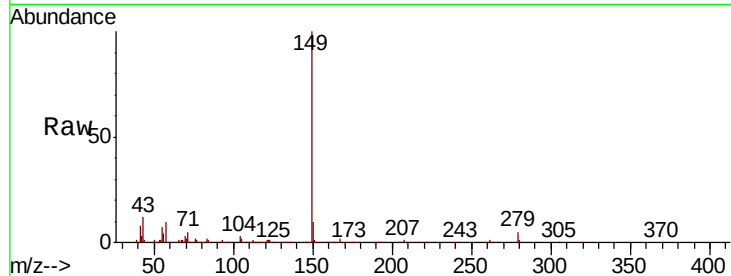
#85
Di-n-octyl phthalate
Concen: 43.113 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.06 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampleId :
M-1MSD

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

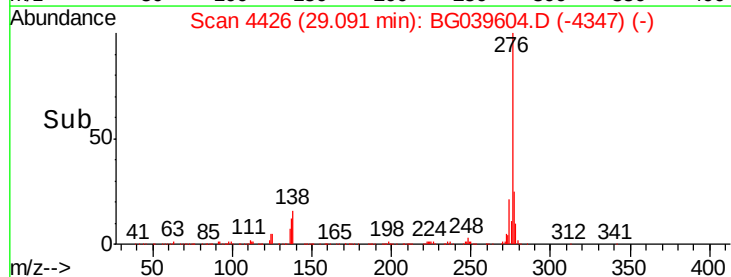
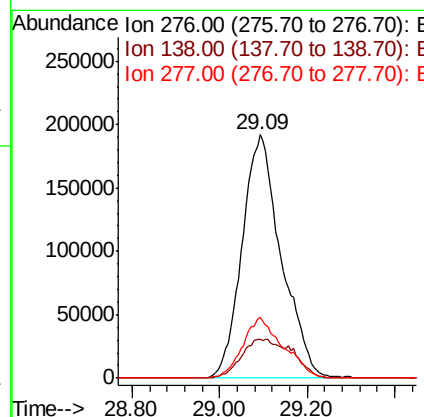
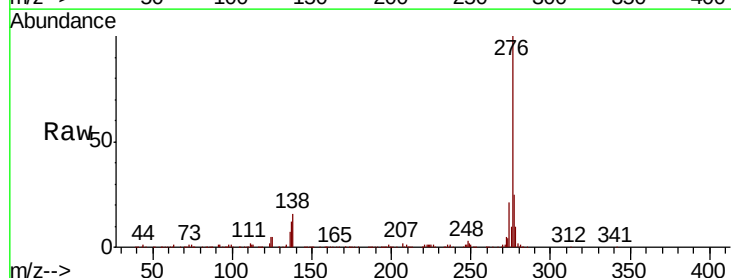
Manual Integrations
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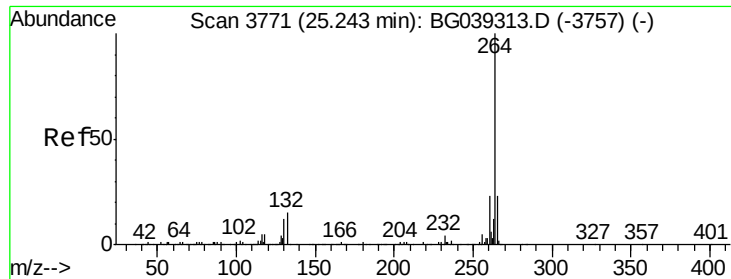
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.477 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.6	19.0
277	25.8	20.8	31.2





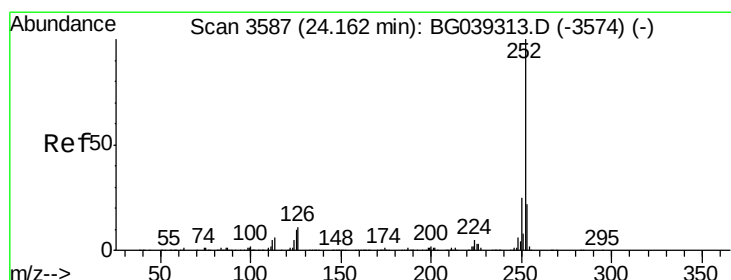
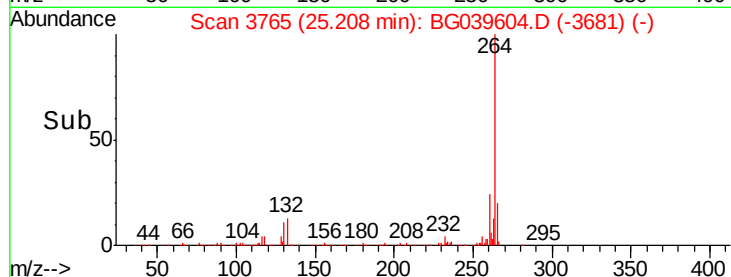
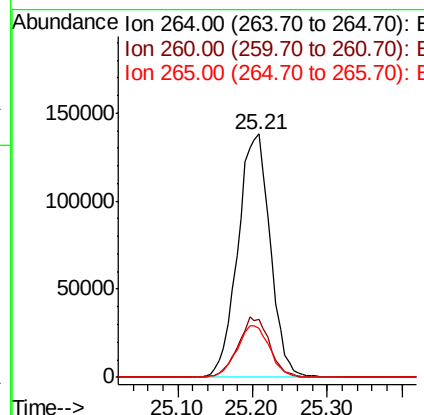
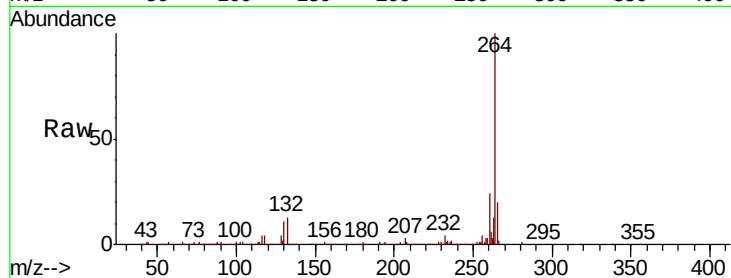
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	20.1	18.5	27.7

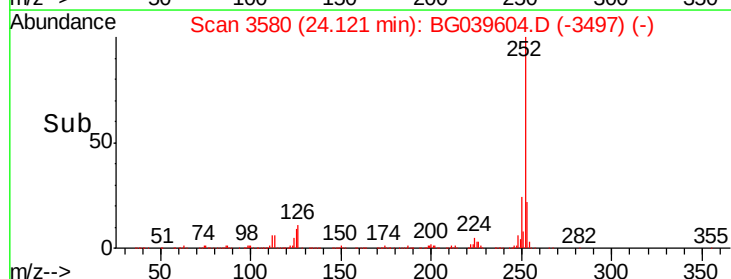
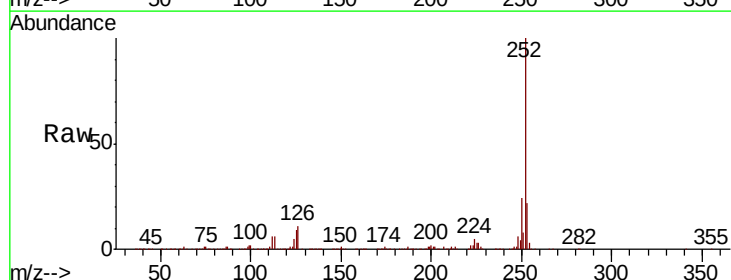
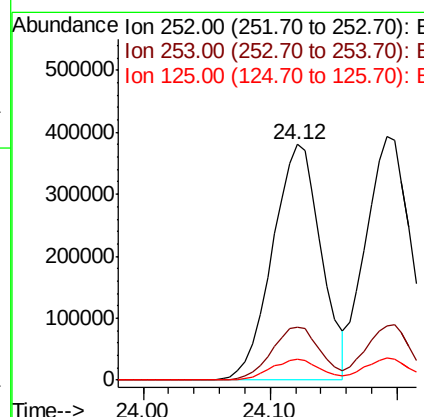
Manual Integrations
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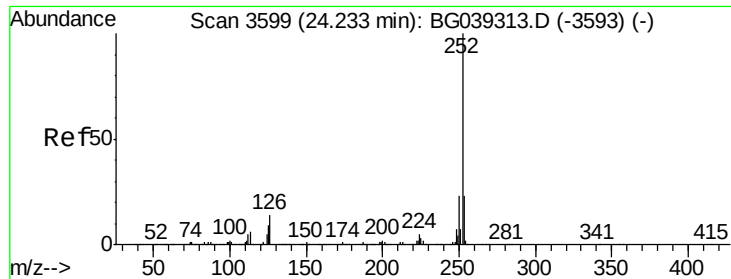
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#88
Benzo(b)fluoranthene
Concen: 44.790 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.7	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 42.708 ng

RT: 24.19 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Instrument :

BNA_G

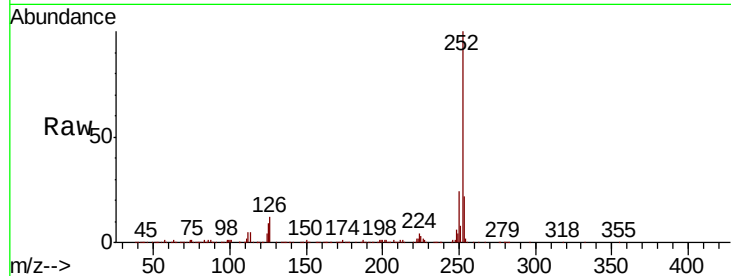
ClientSampled :

M-1MSD

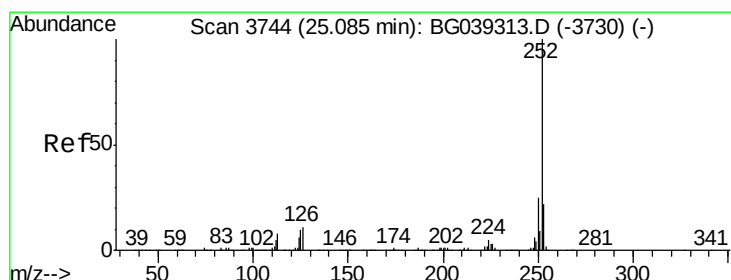
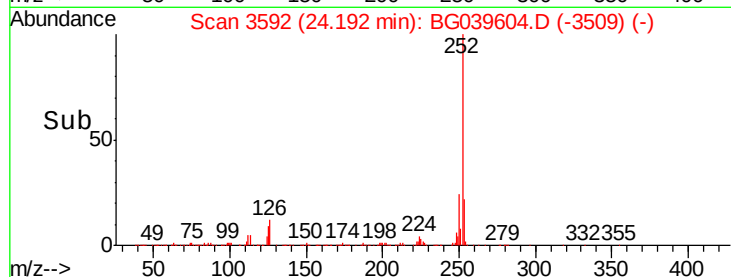
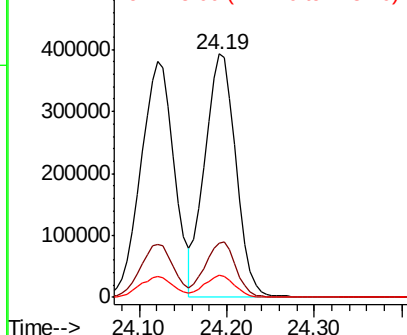
Tot Ion:	252	Resp:	970935
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	8.9	7.4	11.2

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



#90

Benzo(a)pyrene

Concen: 45.406 ng

RT: 25.04 min Scan# 3737

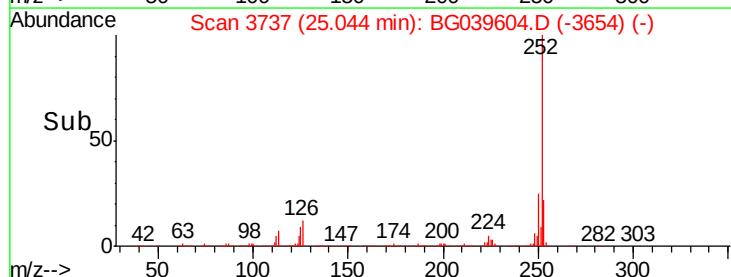
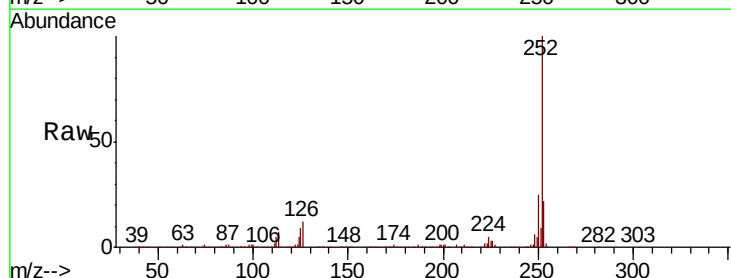
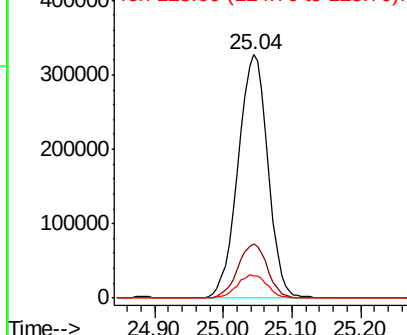
Delta R.T. -0.04 min

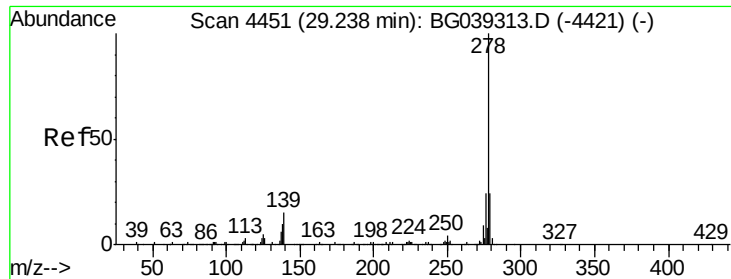
Lab File: BG039604.D

Acq: 26 Feb 2019 17:21

Tgt Ion:	252	Resp:	990212
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	9.1	8.3	12.5

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





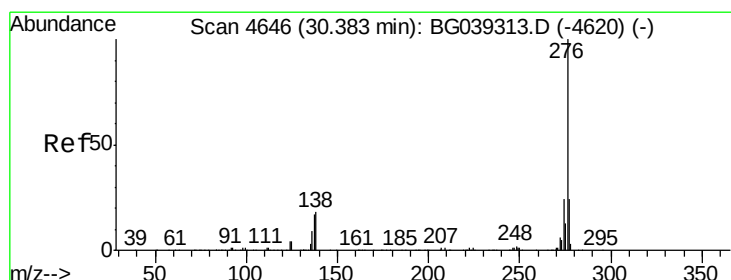
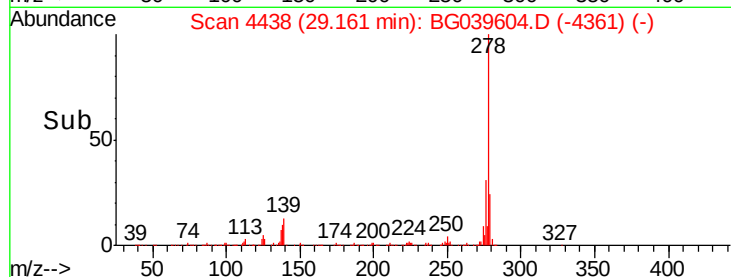
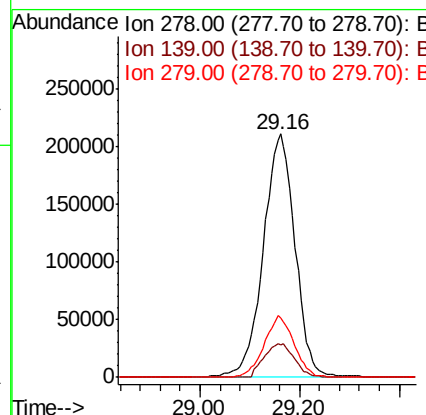
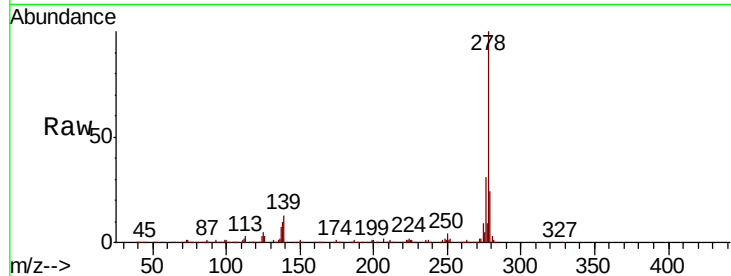
#91
Dibenzo(a,h)anthracene
Concen: 45.662 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Instrument :
BNA_G
ClientSampled :
M-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	24.2	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/27/2019 4:21:46 PM



#92
Benzo(g,h,i)perylene
Concen: 47.535 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.06 min
Lab File: BG039604.D
Acq: 26 Feb 2019 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	17.3	14.7	22.1

