

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
 Data File : BG039779.D
 Acq On : 6 Mar 2019 00:43
 Operator : JU/SJ
 Sample : K1704-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Manual Integrations
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Sohil
 3/6/2019 12:01:15 PM

Quant Time: Mar 06 01:25:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39391	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	178410	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	129559	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	311939	20.00	ng	0.00
76) Chrysene-d12	21.82	240	296586	20.00	ng	-0.01
87) Perylene-d12	25.19	264	312475	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	308676	133.69	ng	0.00
7) Phenol-d6	7.31	99	468352	136.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	268607	81.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	191055	126.52	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	646904	71.09	ng	-0.01
79) Terphenyl-d14	20.12	244	1010745	75.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	31335	29.395	ng	96
3) Pyridine	3.99	79	64856	22.726	ng	95
4) n-Nitrosodimethylamine	3.91	42	49583	36.624	ng	92
6) Aniline	7.48	93	91130	20.204	ng	99
8) 2-Chlorophenol	7.72	128	106411	37.988	ng	98
9) Benzaldehyde	7.29	77	66476	29.933	ng	95
10) Phenol	7.33	94	183541	49.211	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	100858	34.684	ng	100
12) 1,3-Dichlorobenzene	8.04	146	105155	33.192	ng	97
13) 1,4-Dichlorobenzene	8.19	146	107864	33.426	ng	99
14) 1,2-Dichlorobenzene	8.51	146	104944	33.659	ng	96
15) Benzyl Alcohol	8.39	79	107854	39.493	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	201606	34.665	ng	98
17) 2-Methylphenol	8.59	107	98973	41.617	ng	97
18) Hexachloroethane	9.24	117	38540	33.285	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	87706	35.393	ng	93
20) 3+4-Methylphenols	8.92	107	140732	42.597	ng	96
22) Acetophenone	8.99	105	168131	35.112	ng	# 93
24) Nitrobenzene	9.38	77	129620	37.456	ng	97
25) Isophorone	9.89	82	258944	37.463	ng	97
26) 2-Nitrophenol	10.08	139	63856	38.217	ng	98
27) 2,4-Dimethylphenol	10.13	122	119187	45.865	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	153660	36.582	ng	97
29) 2,4-Dichlorophenol	10.62	162	126971	43.397	ng	97
30) 1,2,4-Trichlorobenzene	10.83	180	118909	36.118	ng	95
31) Naphthalene	11.03	128	343419	36.356	ng	99
32) Benzoic acid	10.25	122	57089	34.196	ng	97
33) 4-Chloroaniline	11.14	127	59470	14.847	ng	95
34) Hexachlorobutadiene	11.29	225	74029	32.905	ng	97
35) Caprolactam	11.92	113	47359m	42.374	ng	
36) 4-Chloro-3-methylphenol	12.24	107	143458	42.774	ng	99
37) 2-Methylnaphthalene	12.62	142	269803	38.204	ng	97
38) 1-Methylnaphthalene	12.84	142	258016	37.595	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	149682	34.103	ng	100

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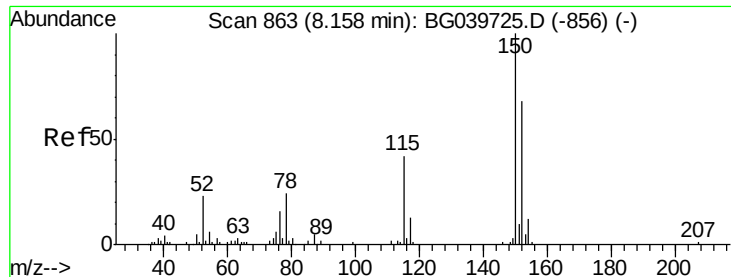
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	170468	72.473	nq	98
43) 2,4,6-Trichlorophenol	13.22	196	106647	41.503	nq	98
44) 2,4,5-Trichlorophenol	13.29	196	116123	40.092	nq	96
46) 1,1'-Biphenyl	13.62	154	371631	34.875	nq	99
47) 2-Chloronaphthalene	13.67	162	290404	36.226	nq	98
48) 2-Nitroaniline	13.87	65	103224	40.068	nq	93
49) Acenaphthylene	14.51	152	471643	35.840	nq	99
50) Dimethylphthalate	14.23	163	447076	41.268	nq	99
51) 2,6-Dinitrotoluene	14.36	165	86870	37.824	nq	97
52) Acenaphthene	14.85	154	290865	36.723	nq	98
53) 3-Nitroaniline	14.70	138	50282	21.780	nq	# 93
54) 2,4-Dinitrophenol	14.90	184	99184	69.237	nq	97
55) Dibenzofuran	15.18	168	468184	36.027	nq	99
56) 4-Nitrophenol	14.99	139	153193	74.177	nq	93
57) 2,4-Dinitrotoluene	15.14	165	127096	39.384	nq	87
58) Fluorene	15.83	166	369914	36.209	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	115689	40.898	nq	97
60) Diethylphthalate	15.58	149	406644	37.917	nq	99
61) 4-Chlorophenyl-phenylether	15.81	204	198250	36.366	nq	95
62) 4-Nitroaniline	15.86	138	93833	37.491	nq	96
63) Azobenzene	16.11	77	358750	36.903	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72126	39.106	nq	98
66) n-Nitrosodiphenylamine	16.03	169	345357	38.243	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	127215	36.434	nq	96
68) Hexachlorobenzene	16.82	284	131412	36.308	nq	94
69) Atrazine	16.97	200	135243	38.052	nq	98
70) Pentachlorophenol	17.17	266	171163	74.881	nq	98
71) Phenanthrene	17.57	178	622435	36.226	nq	99
72) Anthracene	17.66	178	631507	37.716	nq	99
73) Carbazole	17.93	167	556434	36.863	nq	99
74) Di-n-butylphthalate	18.46	149	676504	38.092	nq	99
75) Fluoranthene	19.57	202	718976	35.407	nq	98
77) Benzidine	19.75	184	180558	19.185	nq	98
78) Pyrene	19.94	202	727533	37.750	nq	99
80) Butylbenzylphthalate	20.80	149	299156	40.066	nq	96
81) Benzo(a)anthracene	21.80	228	680876	36.630	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	122426	18.040	nq	99
83) Chrysene	21.87	228	652969	36.235	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	416627	39.708	nq	100
85) Di-n-octyl phthalate	22.92	149	717565	41.303	nq	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	766761	37.507	nq	# 95
88) Benzo(b)fluoranthene	24.11	252	671073	36.014	nq	99
89) Benzo(k)fluoranthene	24.18	252	656518	37.851	nq	99
90) Benzo(a)pyrene	25.03	252	656514	38.129	nq	98
91) Dibenzo(a,h)anthracene	29.13	278	632931	37.495	nq	98
92) Benzo(g,h,i)perylene	30.30	276	638416	37.658	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

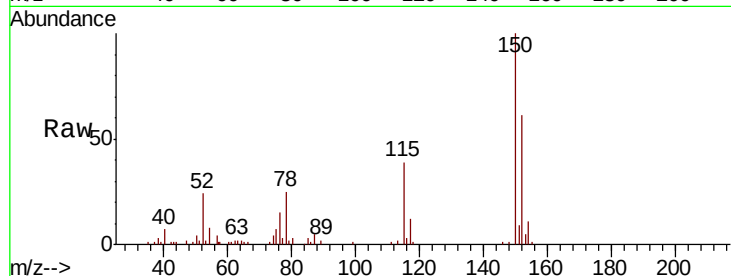
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	152	Resp:	39391
Ion	Ratio	Lower	Upper
152	100		
150	164.5	123.7	185.5
115	63.8	45.9	68.9

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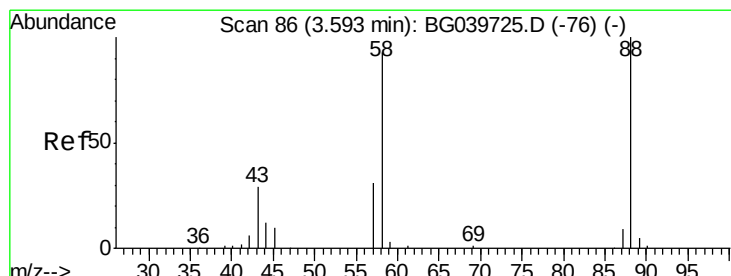
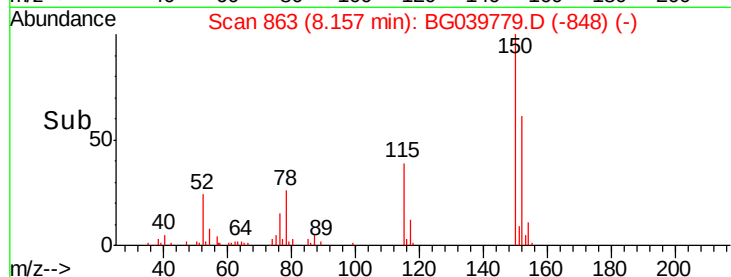
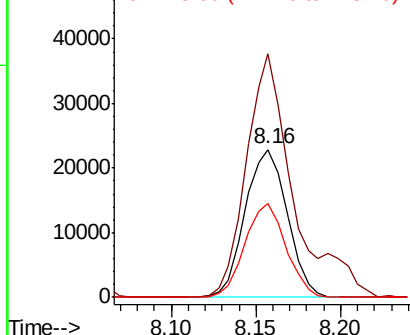


Abundance

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: 29.395 ng

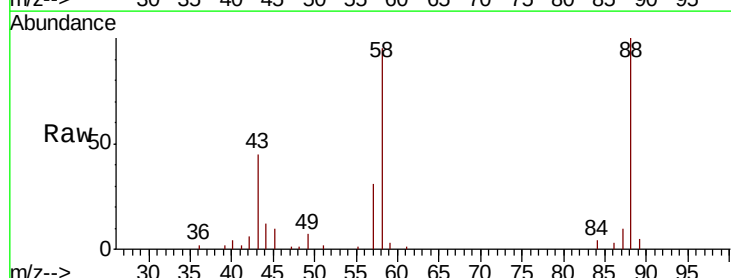
RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	88	Resp:	31335
Ion	Ratio	Lower	Upper
88	100		
58	98.9	81.1	121.7
43	43.2	31.4	47.0

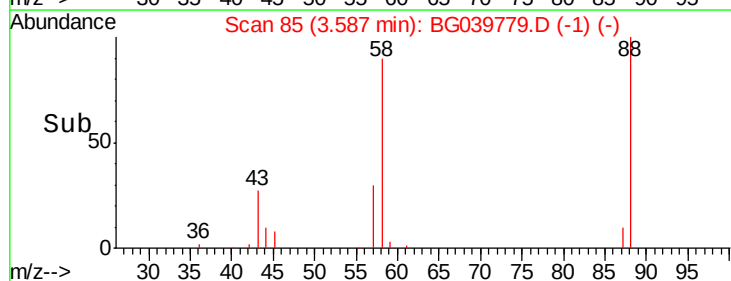
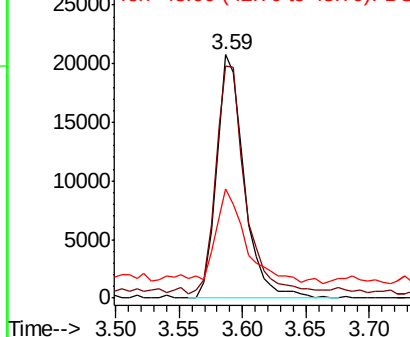


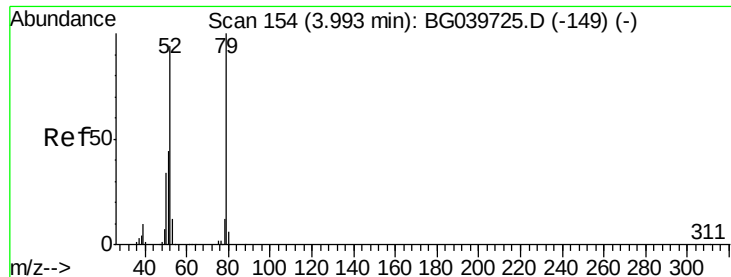
Abundance

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: 22.726 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

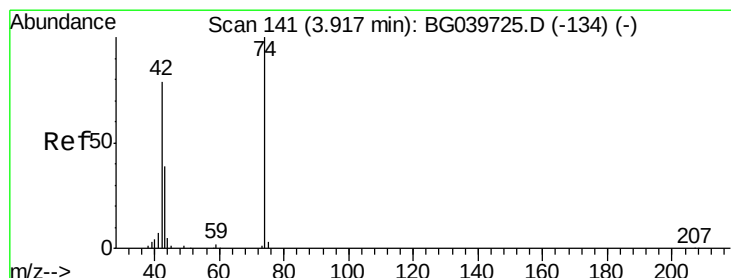
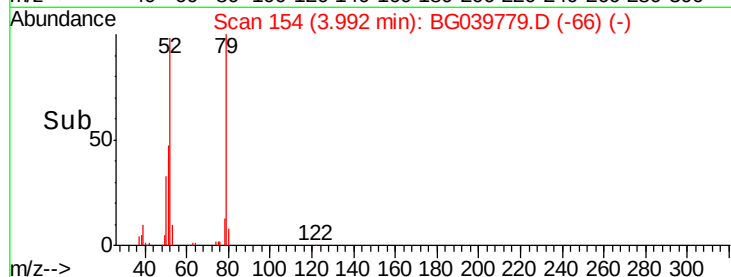
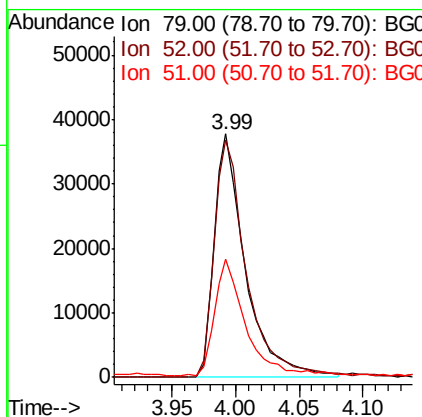
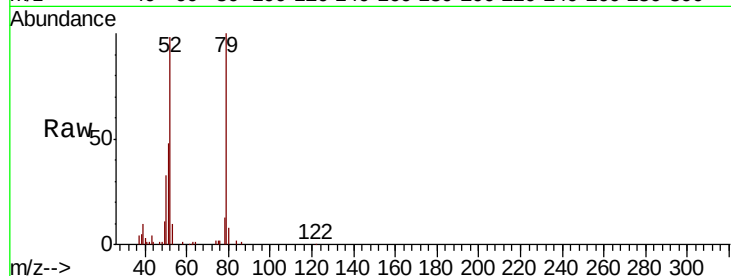
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	79	Resp:	64856
Ion	Ratio	Lower	Upper
79	100		
52	97.5	82.6	124.0
51	48.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 36.624 ng

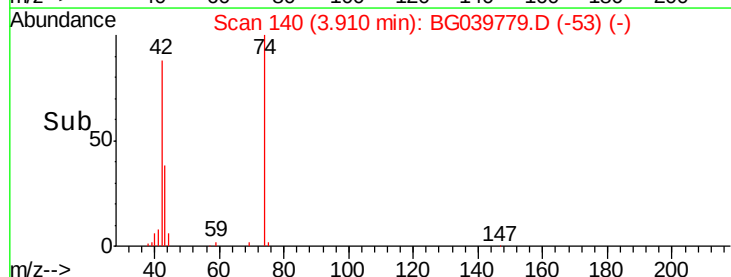
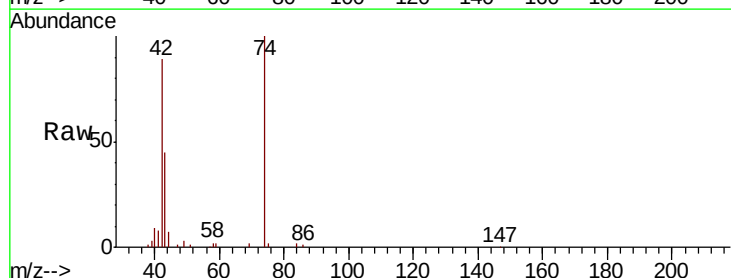
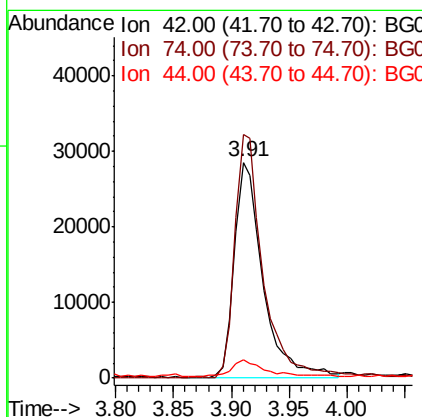
RT: 3.91 min Scan# 140

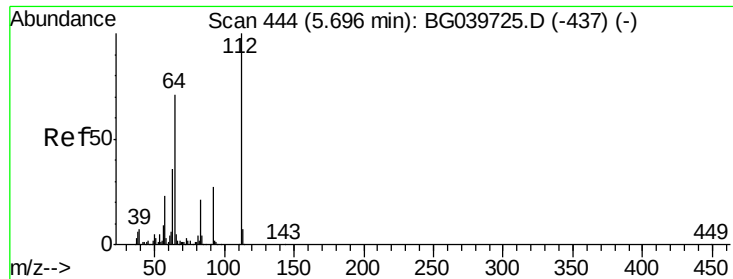
Delta R.T. -0.02 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	42	Resp:	49583
Ion	Ratio	Lower	Upper
42	100		
74	113.0	83.6	125.4
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 133.686 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

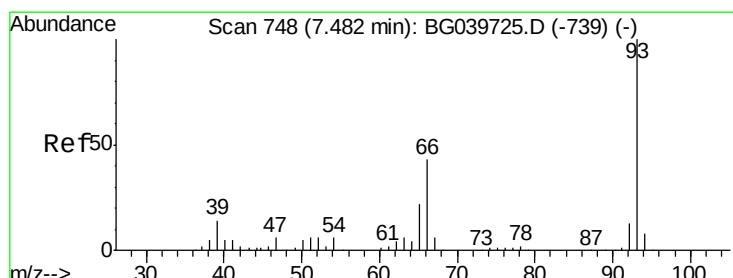
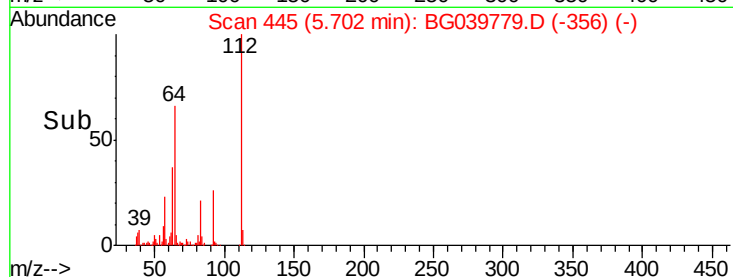
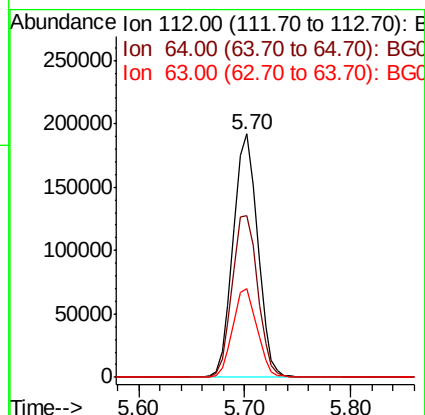
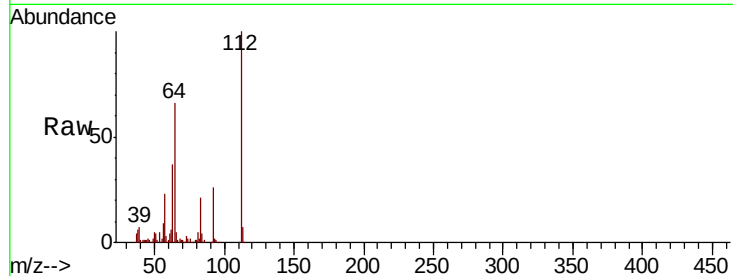
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	112	Resp:	308676
Ion Ratio	Lower	Upper	
112	100		
64	66.4	57.8	86.8
63	36.6	29.8	44.6

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#6

Aniline

Concen: 20.204 ng

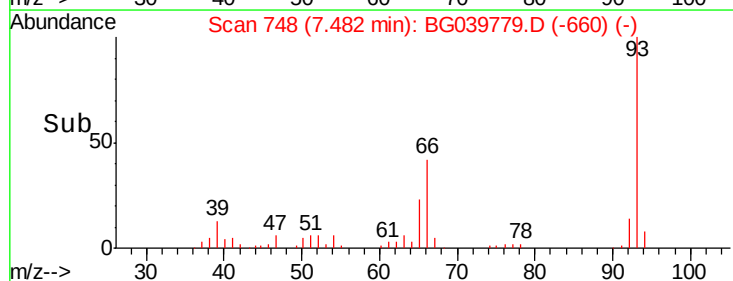
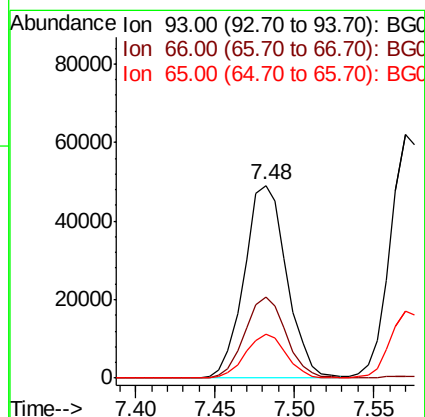
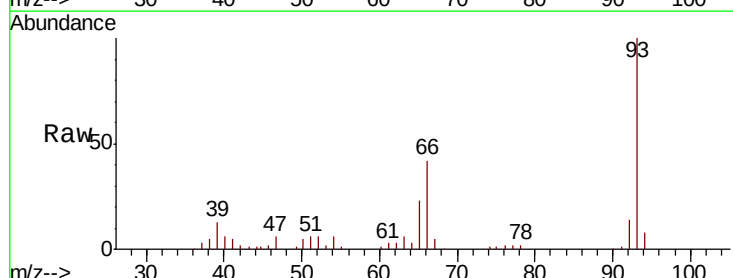
RT: 7.48 min Scan# 748

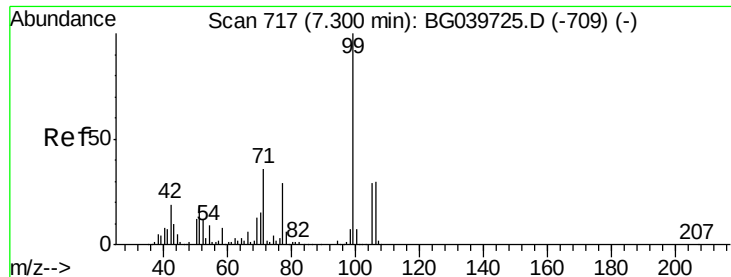
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	93	Resp:	91130
Ion Ratio	Lower	Upper	
93	100		
66	42.1	34.2	51.4
65	22.8	17.7	26.5





#7

Phenol-d6

Concen: 136.039 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

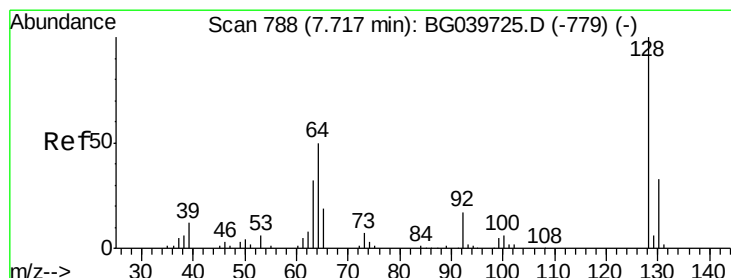
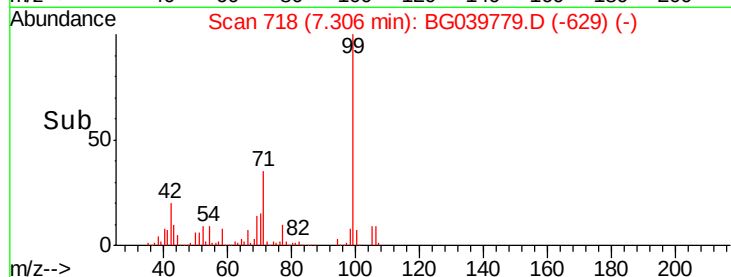
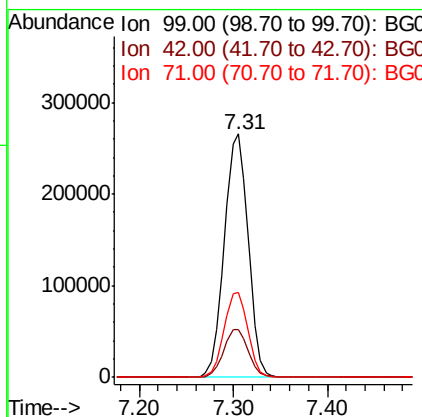
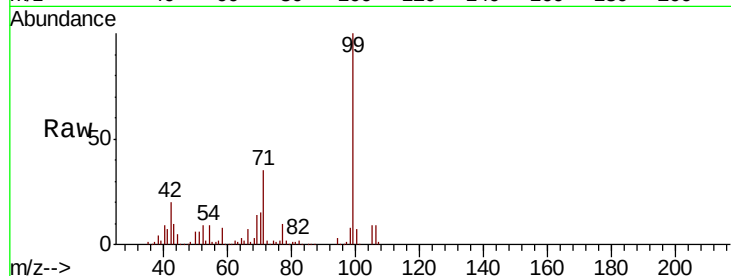
ClientSampleId :

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Tot Ion:	99	Resp:	468352
Ion Ratio	Lower	Upper	
99	100		
42	19.6	18.2	27.2
71	35.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 37.988 ng

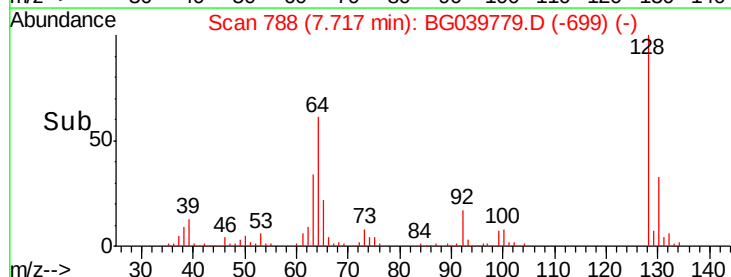
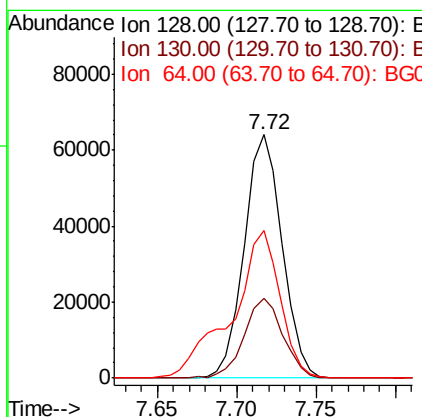
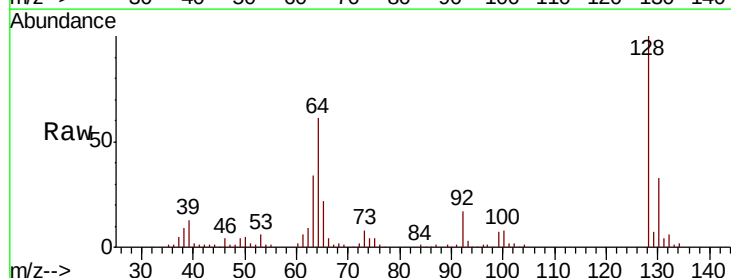
RT: 7.72 min Scan# 788

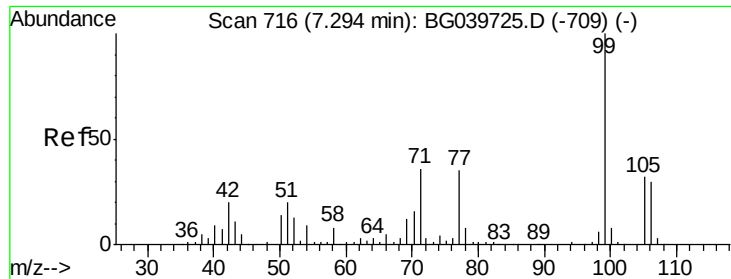
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	128	Resp:	106411
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	60.7	38.7	78.7





#9

Benzaldehyde

Concen: 29.933 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

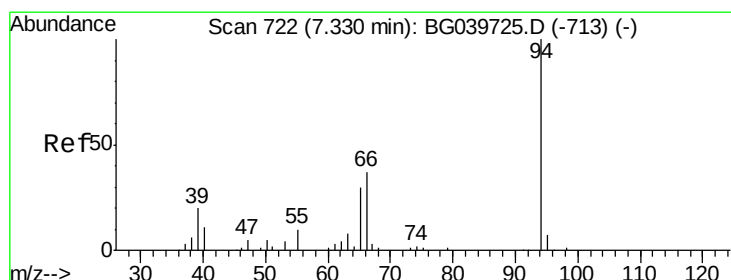
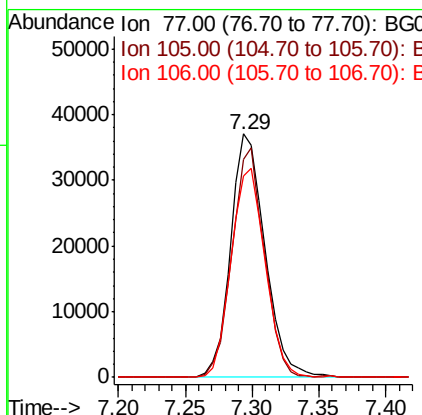
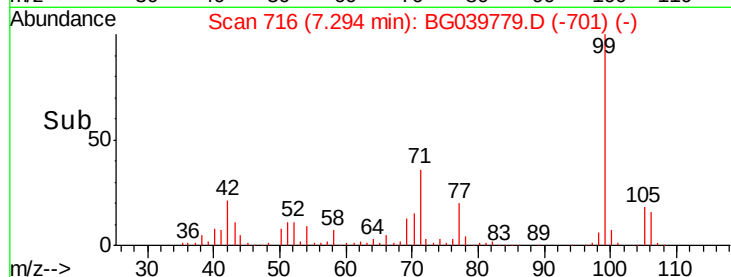
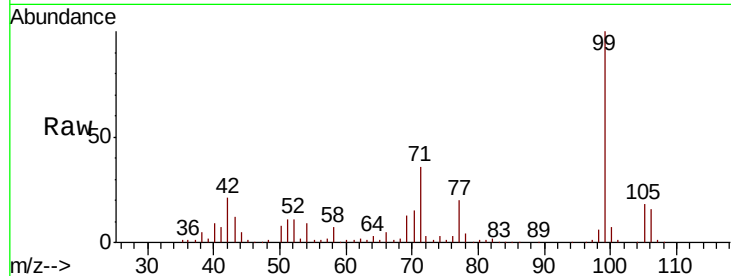
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	77	Resp:	66476
Ion	Ratio	Lower	Upper
77	100		
105	89.5	74.5	114.5
106	82.9	68.0	108.0

Manual Integrations
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#10

Phenol

Concen: 49.211 ng

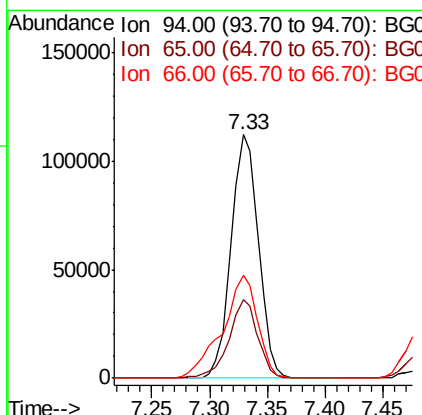
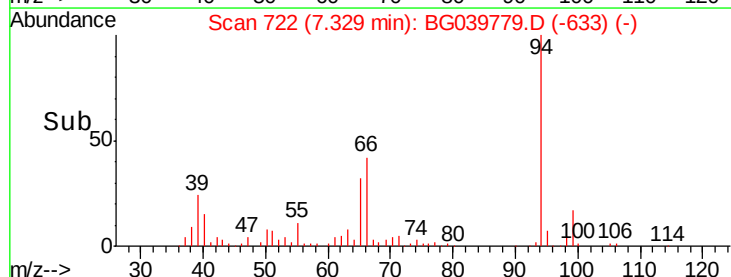
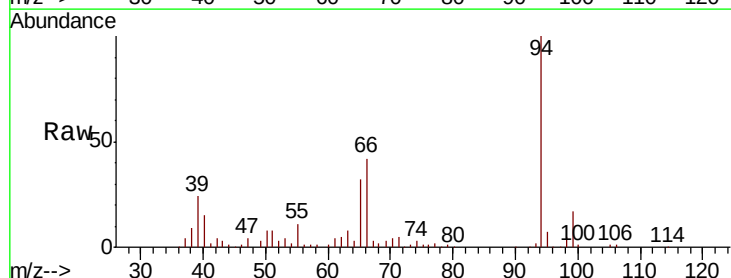
RT: 7.33 min Scan# 722

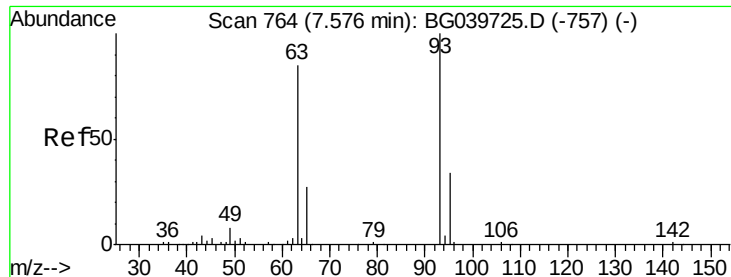
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	94	Resp:	183541
Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	42.0	23.7	63.7





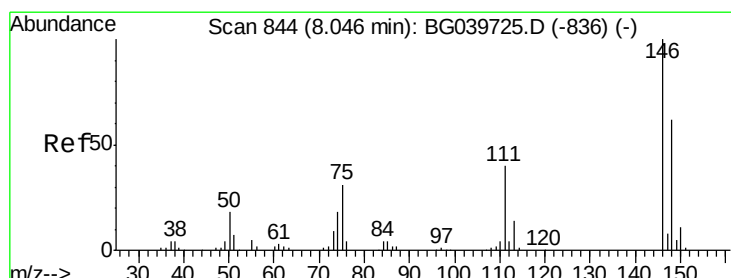
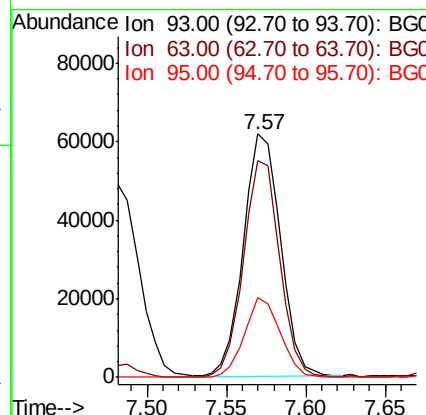
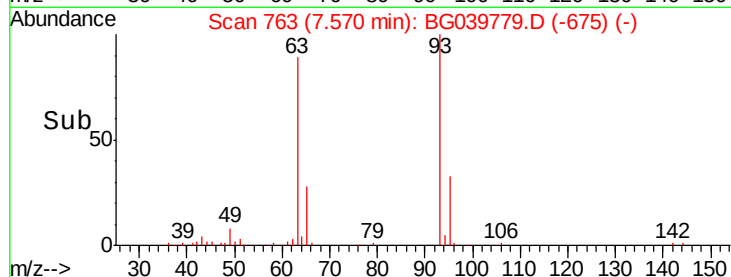
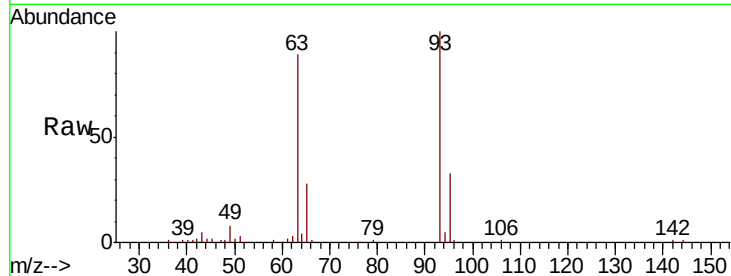
#11
bis(2-Chloroethyl)ether
Concen: 34.684 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	69.5	109.5
95	32.9	12.7	52.7

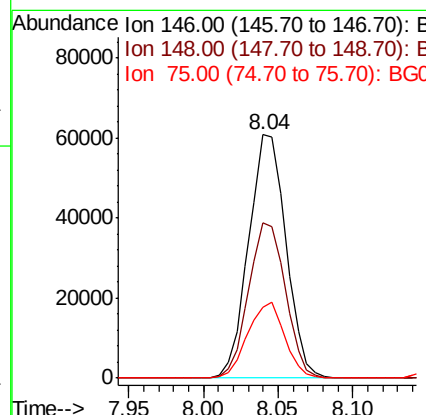
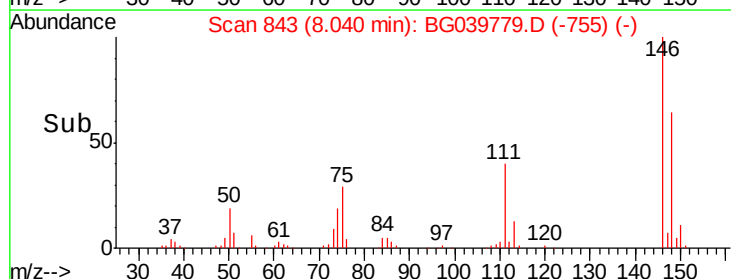
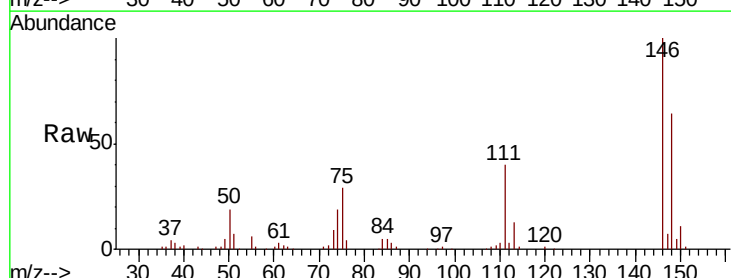
Manual Integrations
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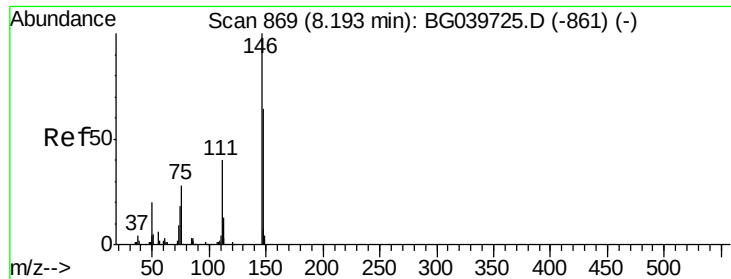
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.192 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	79.0
75	29.1	25.8	38.6





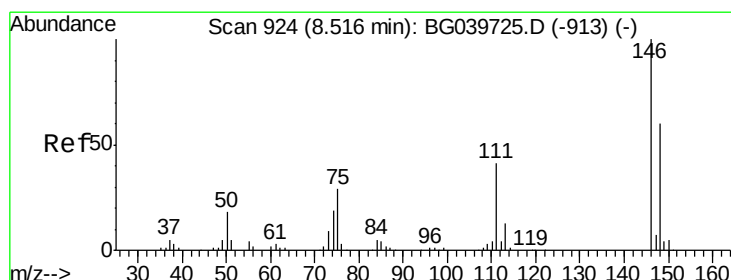
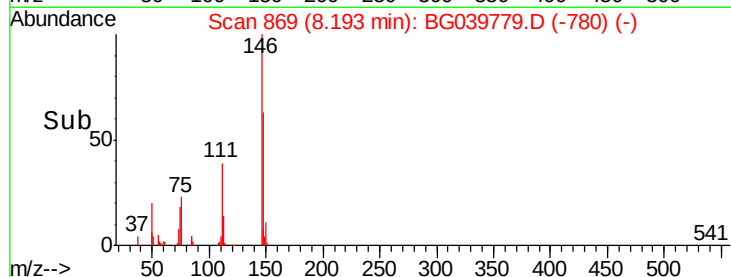
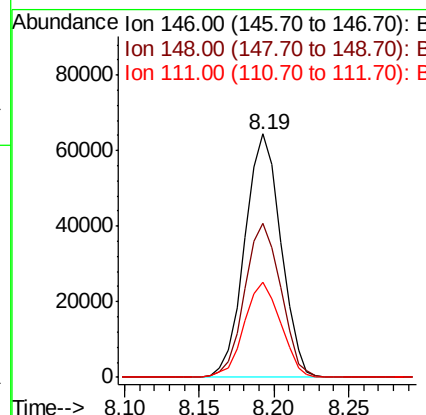
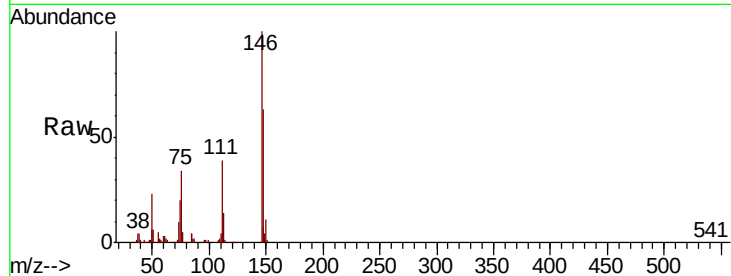
#13
 1,4-Dichlorobenzene
 Concen: 33.426 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	39.0	32.6	48.8

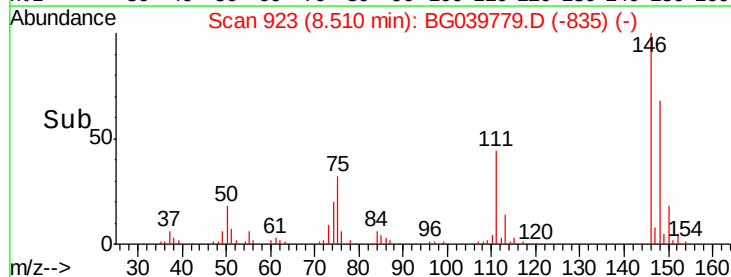
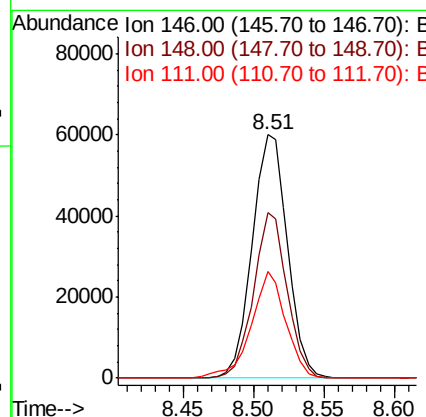
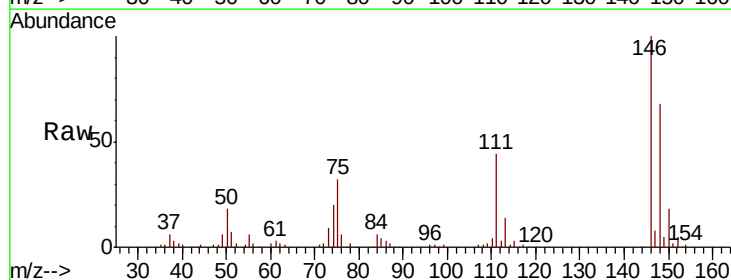
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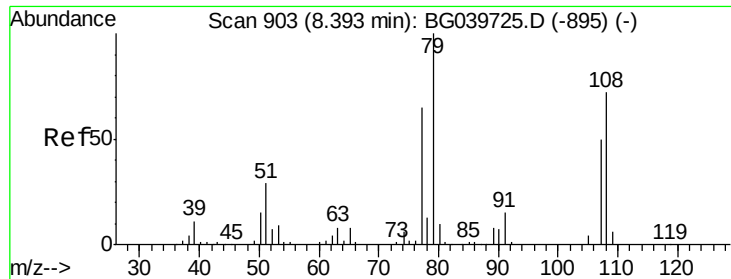
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 33.659 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.5	77.3
111	43.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.493 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

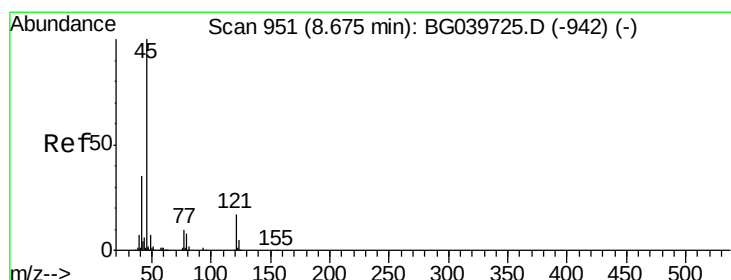
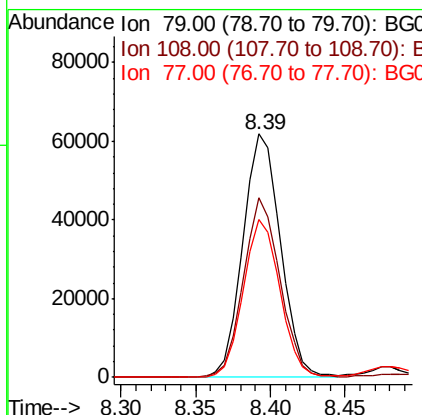
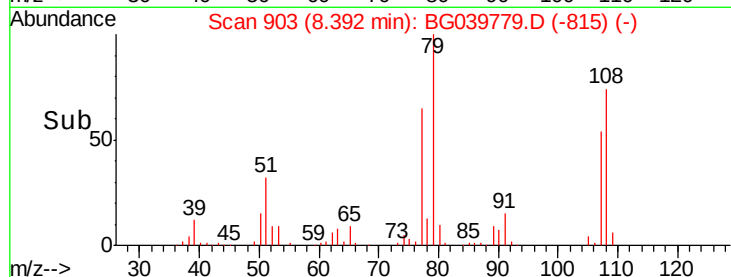
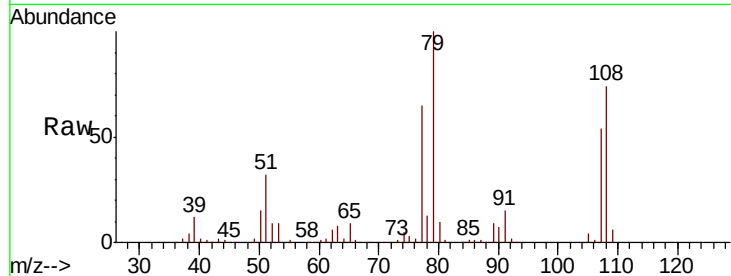
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	79	Resp:	107854
Ion Ratio	Lower	Upper	
79	100		
108	73.9	57.8	86.6
77	65.0	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.665 ng

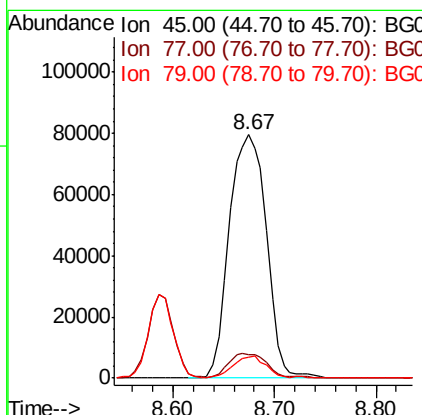
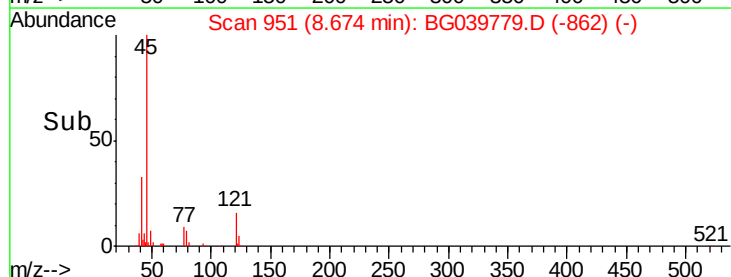
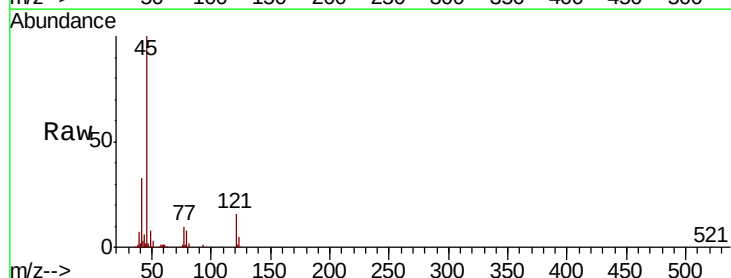
RT: 8.67 min Scan# 951

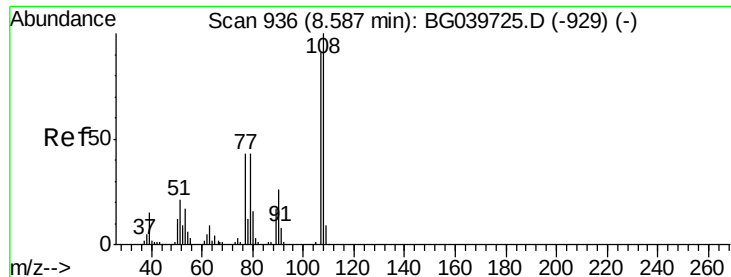
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	45	Resp:	201606
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.0
79	8.5	0.0	27.5





#17

2-Methylphenol

Concen: 41.617 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

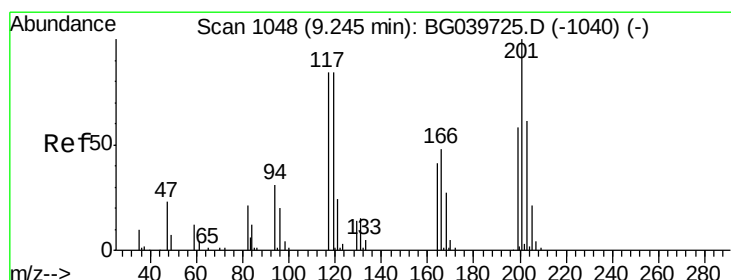
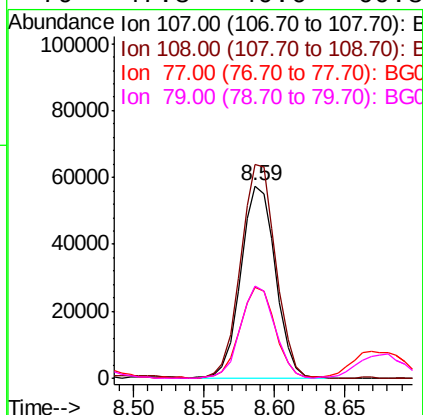
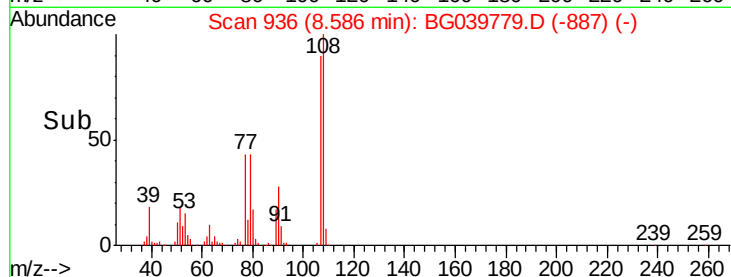
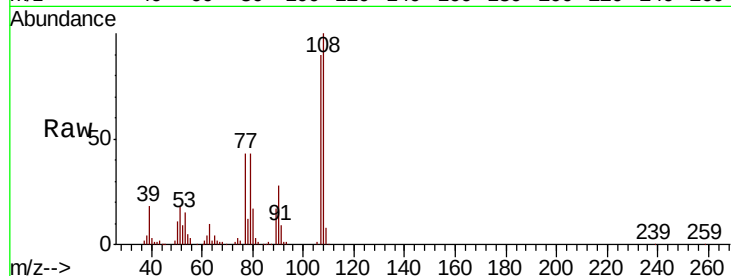
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.0	90.8	136.2		
77	47.4	40.7	61.1		
79	47.8	40.6	60.8		

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#18

Hexachloroethane

Concen: 33.285 ng

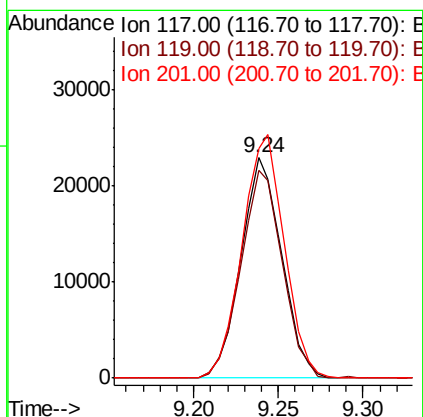
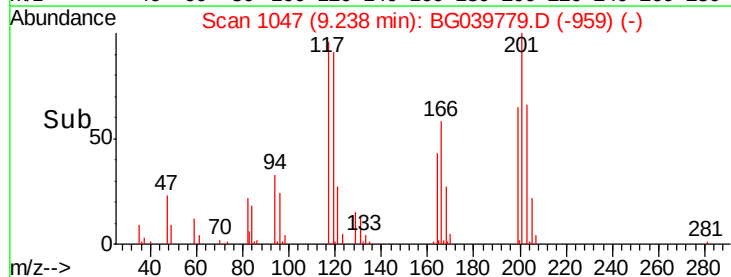
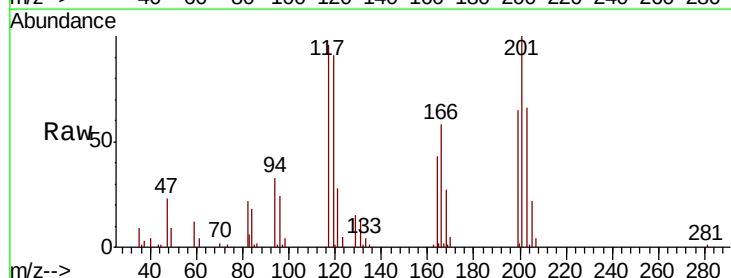
RT: 9.24 min Scan# 1047

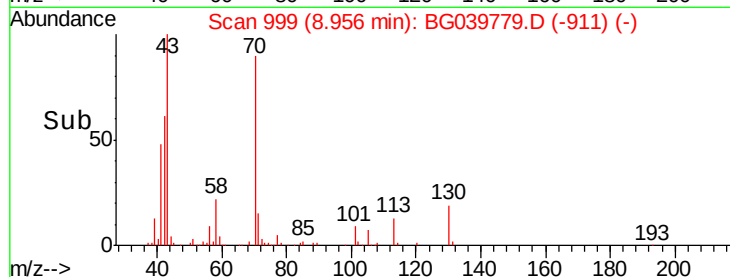
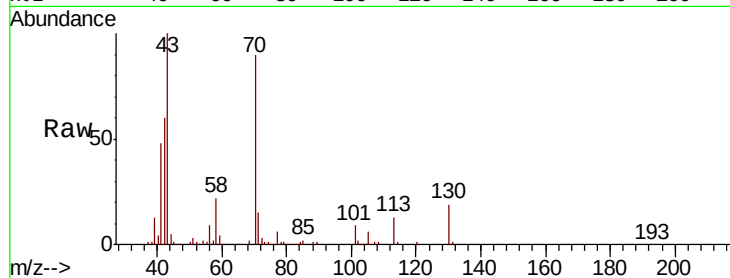
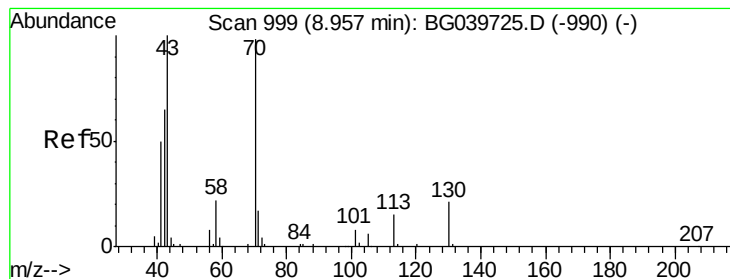
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	94.3	76.3	114.5		
201	103.9	91.1	136.7		





#19

n-Nitroso-di-n-propylamine

Concen: 35.393 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

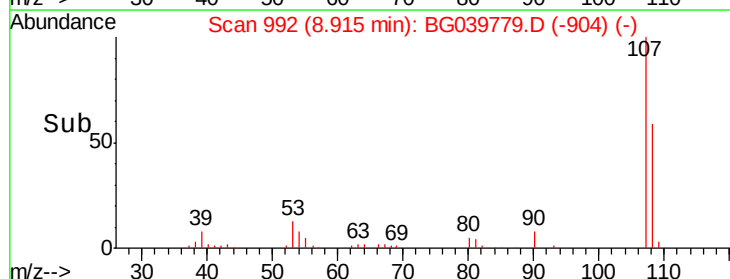
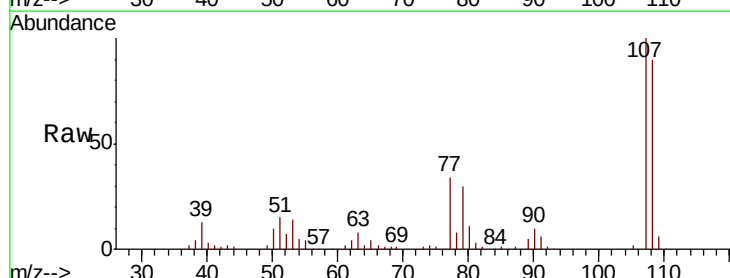
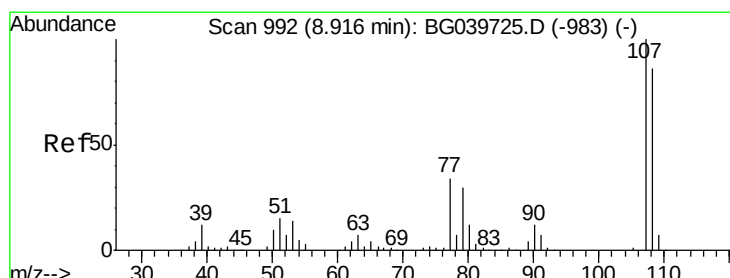
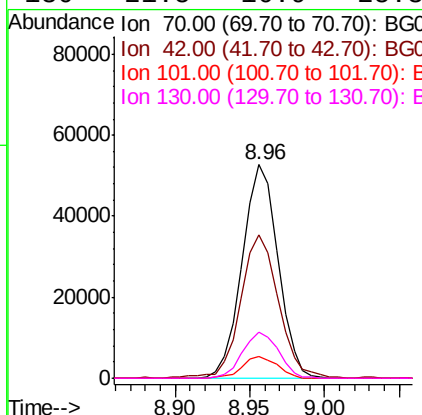
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.4	60.4	90.6	
101	10.1	7.5	11.3	
130	21.5	16.9	25.3	

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#20

3+4-Methylphenols

Concen: 42.597 ng

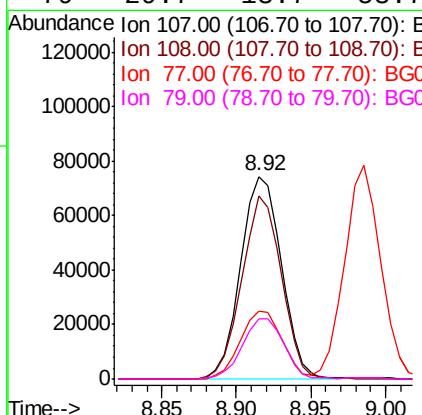
RT: 8.92 min Scan# 992

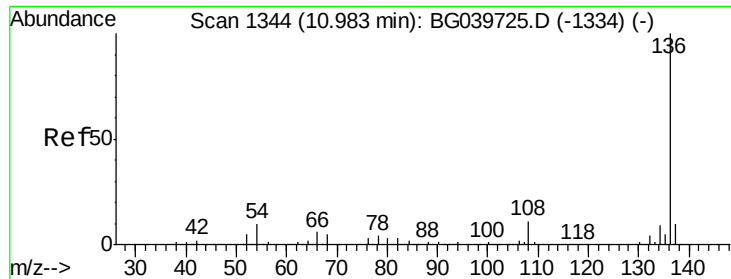
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	67.9	107.9	
77	33.7	15.4	55.4	
79	29.7	13.7	53.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

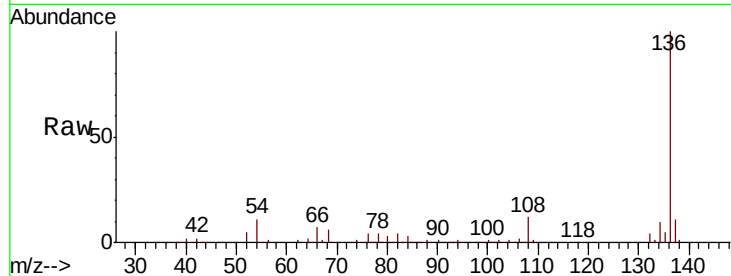
ClientSampleId :

PST-028-SW063-022719MSD

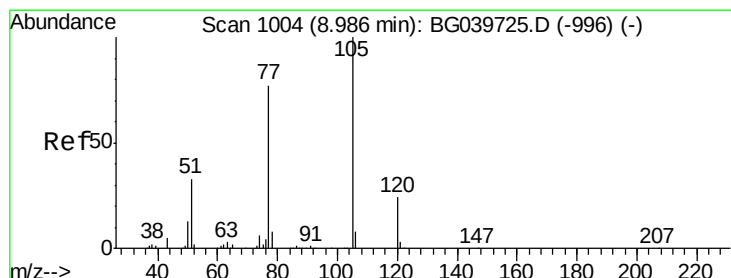
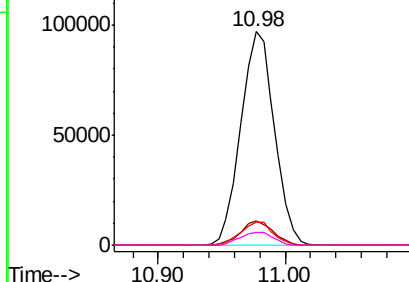
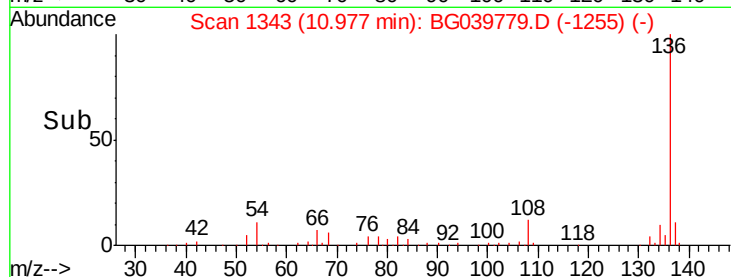
Tot Ion	Ratio	Resp	Lower	Upper
136	100	178410		
137	11.2		9.1	13.7
54	10.8		9.4	14.2
68	5.8		4.2	6.4

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Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.112 ng

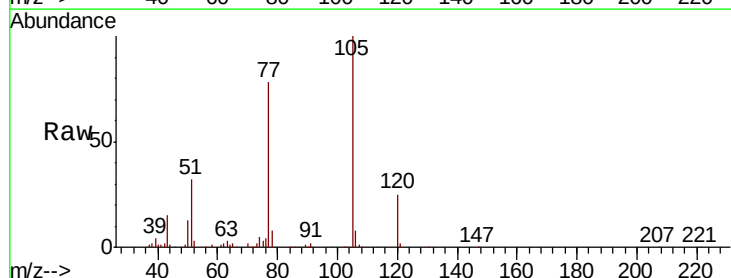
RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

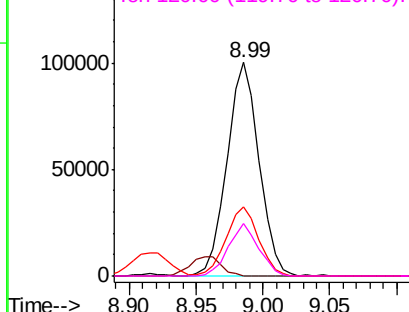
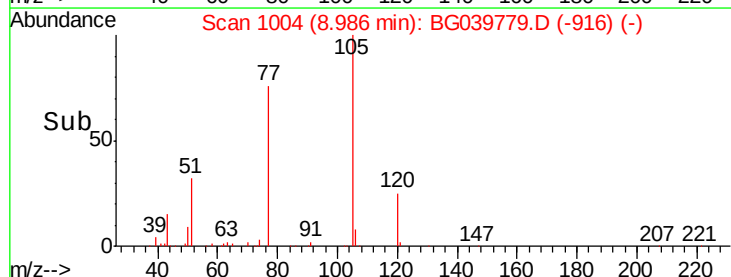
Lab File: BG039779.D

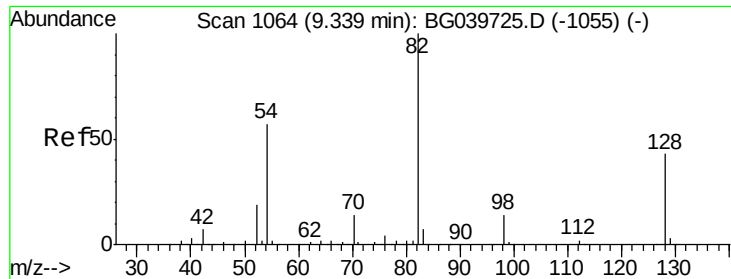
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168131		
71	0.3		0.8	1.2#
51	32.3		30.2	45.2
120	24.7		18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
150000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





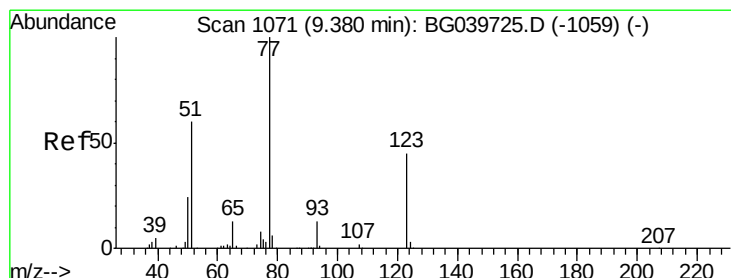
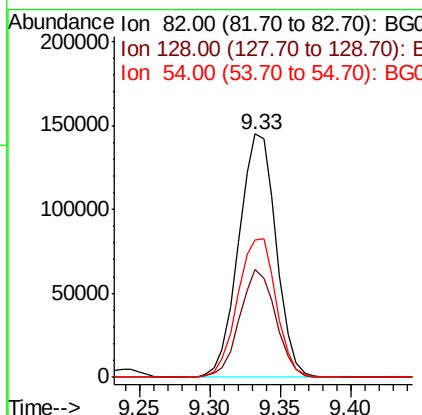
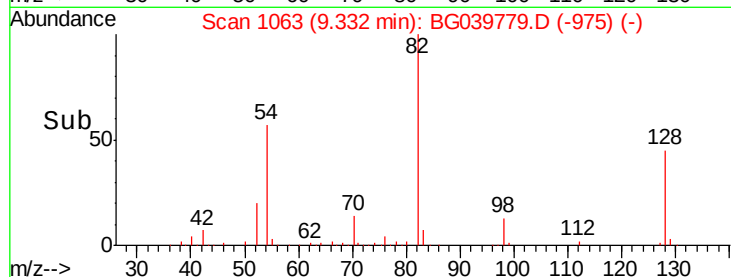
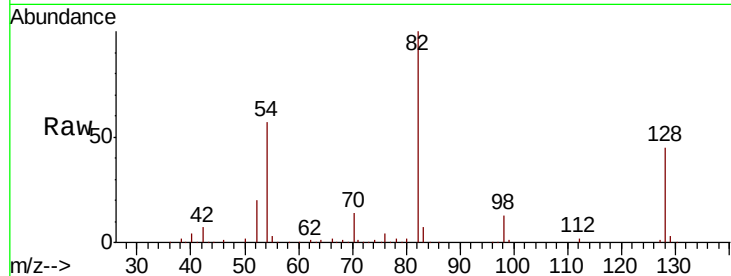
#23
Nitrobenzene-d5
Concen: 81.427 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	268607		
128	44.6	31.3	46.9	
54	56.6	50.9	76.3	

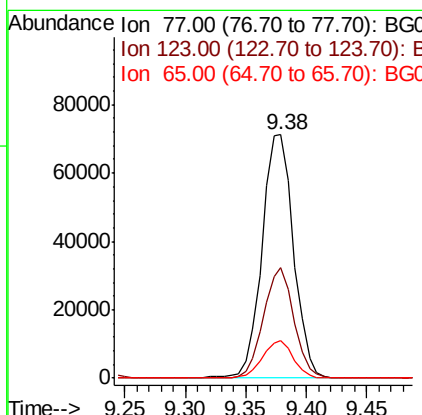
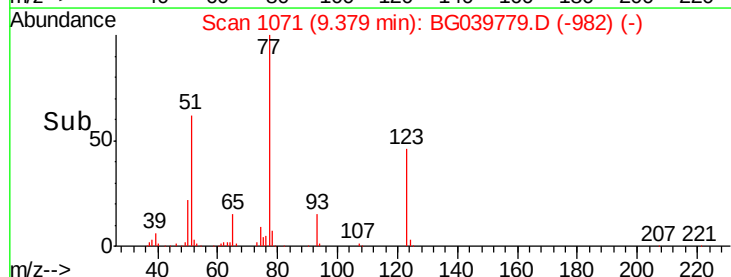
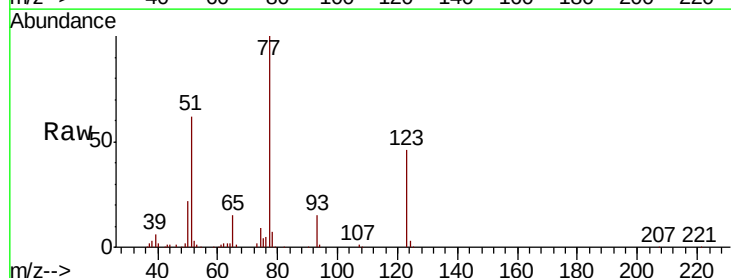
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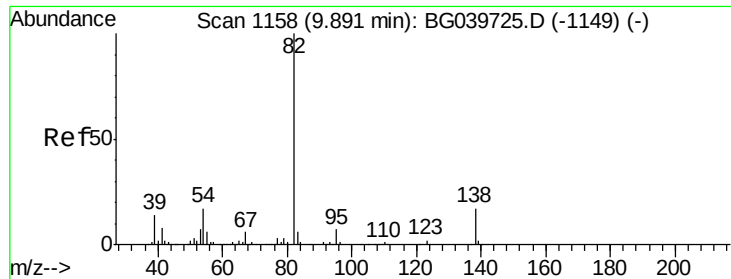
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#24
Nitrobenzene
Concen: 37.456 ng
RT: 9.38 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	129620		
123	45.5	34.1	51.1	
65	15.3	12.3	18.5	





#25

Isophorone

Concen: 37.463 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

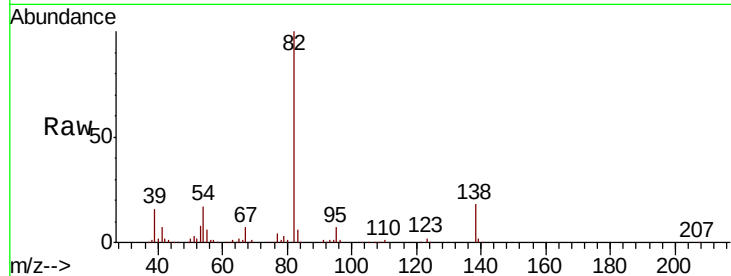
ClientSampleId :

PST-028-SW063-022719MSD

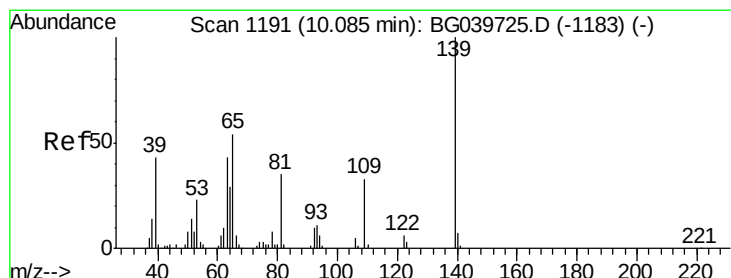
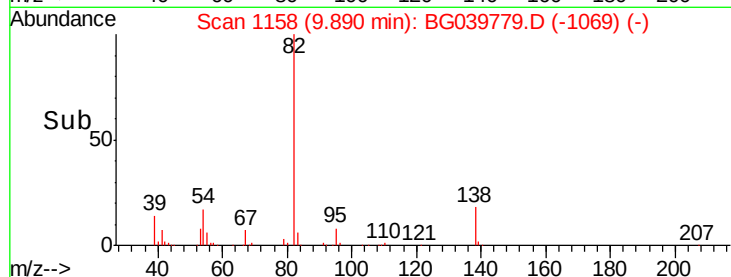
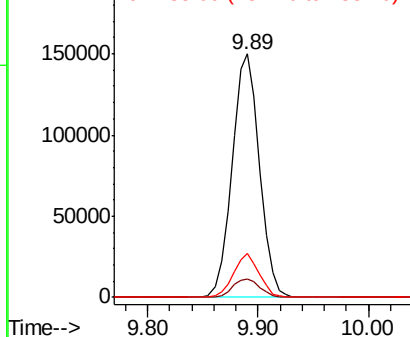
Tot Ion:	82	Resp:	258944
Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.2	9.2
138	18.1	13.0	19.4

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



#26

2-Nitrophenol

Concen: 38.217 ng

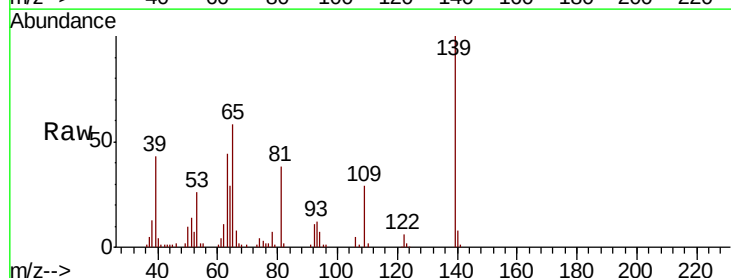
RT: 10.08 min Scan# 1191

Delta R.T. -0.01 min

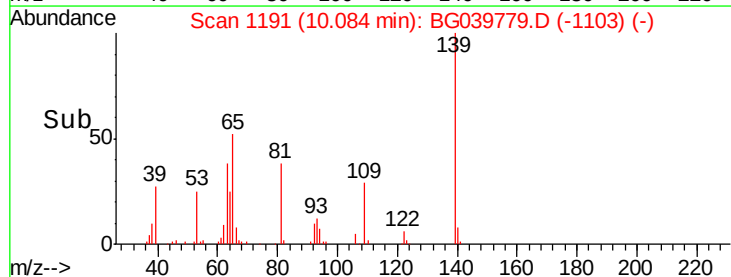
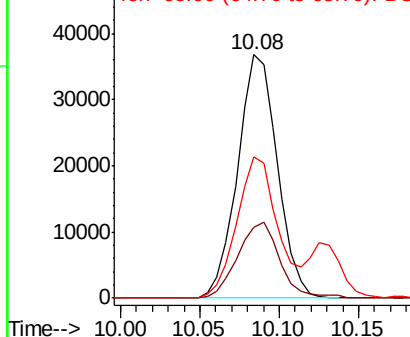
Lab File: BG039779.D

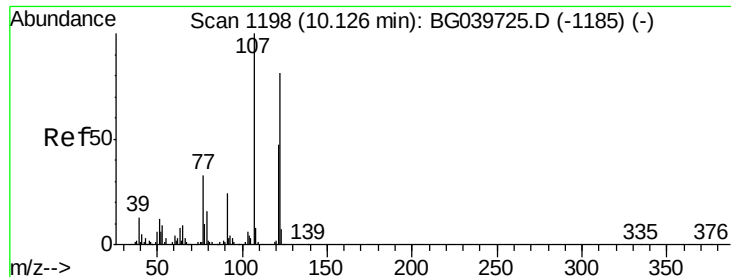
Acq: 6 Mar 2019 00:43

Tgt Ion:	139	Resp:	63856
Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.4	35.0
65	57.9	44.3	66.5



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





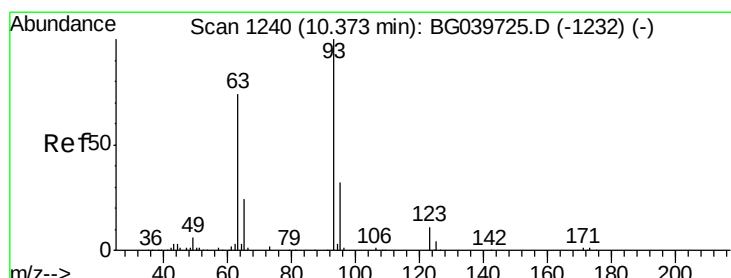
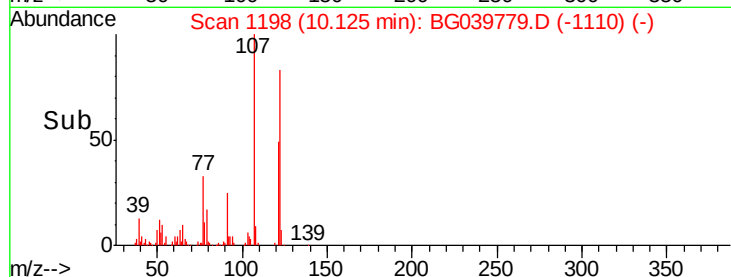
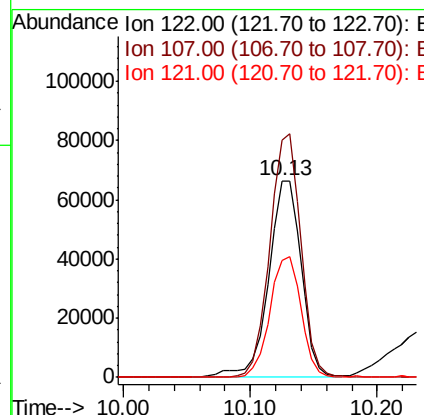
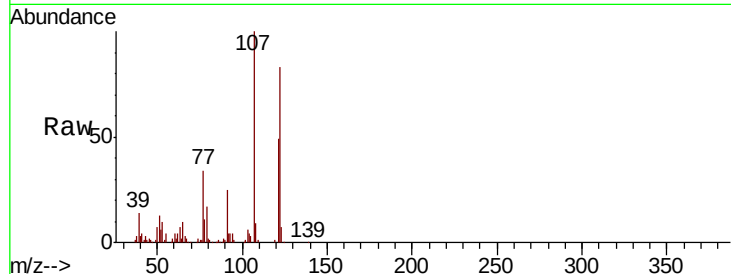
#27
 2,4-Dimethylphenol
 Concen: 45.865 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.8	91.7	137.5
121	59.1	46.4	69.6

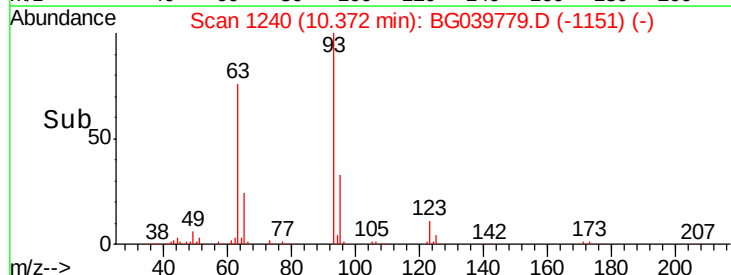
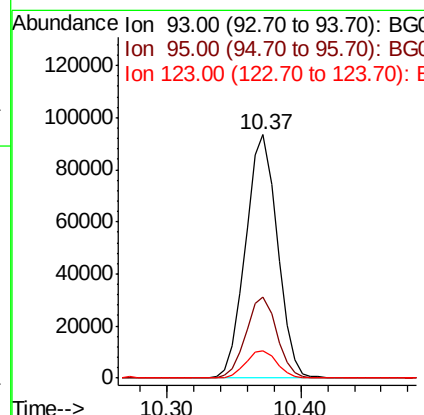
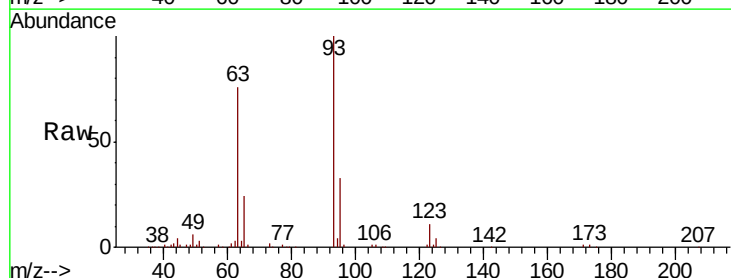
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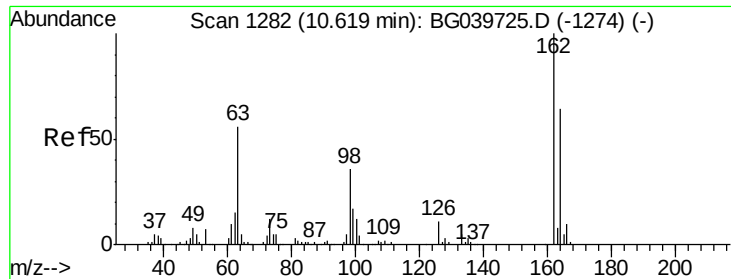
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.582 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.0	37.4
123	11.3	8.6	12.8





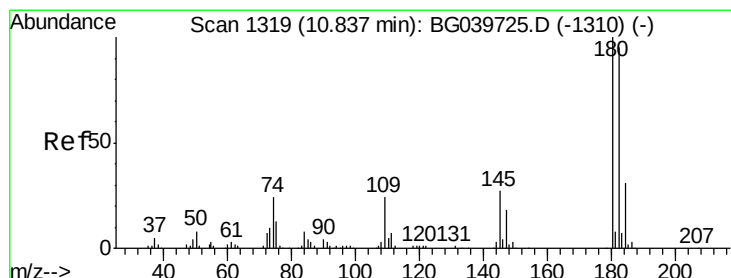
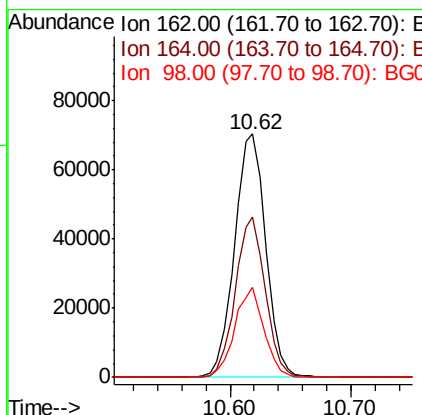
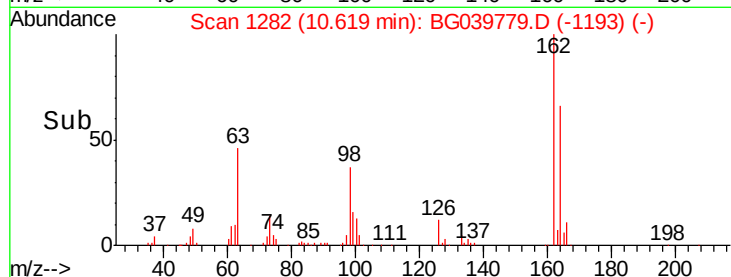
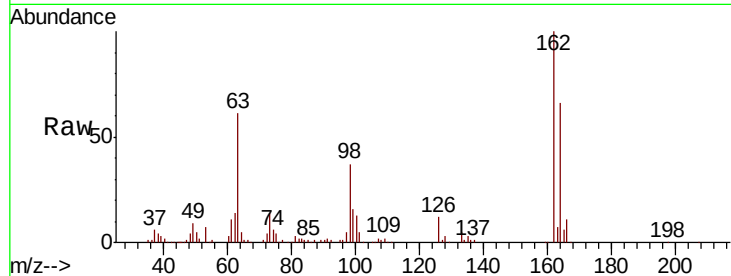
#29
2,4-Dichlorophenol
Concen: 43.397 ng
RT: 10.62 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126971		
164	65.7	48.1	88.1	
98	36.8	18.1	58.1	

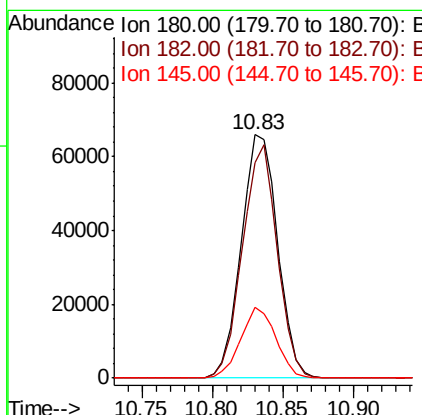
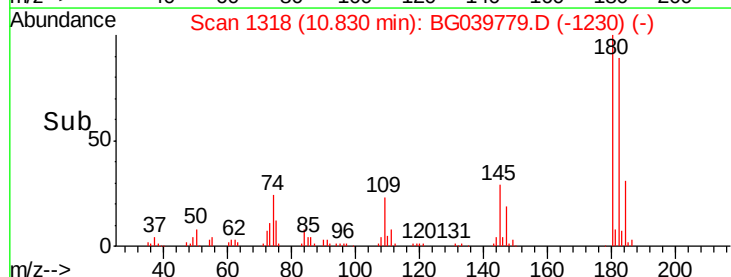
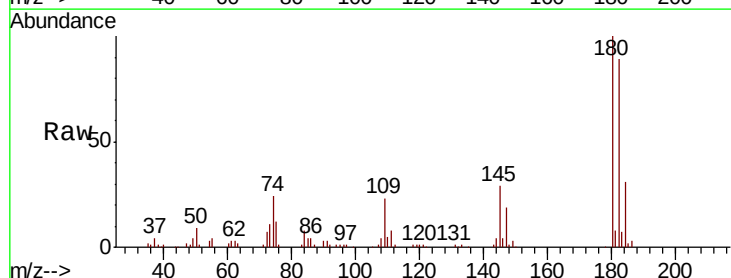
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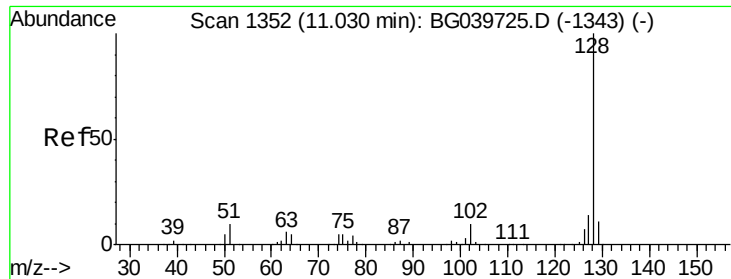
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#30
1,2,4-Trichlorobenzene
Concen: 36.118 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118909		
182	88.5	76.0	114.0	
145	29.1	22.7	34.1	





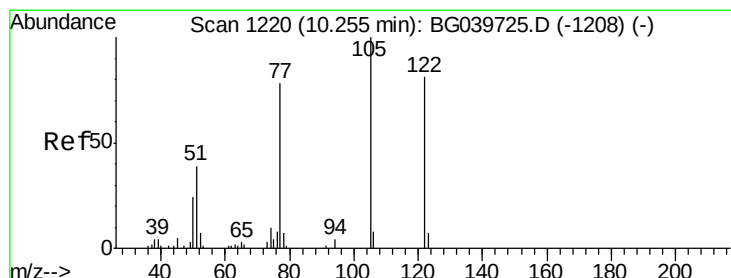
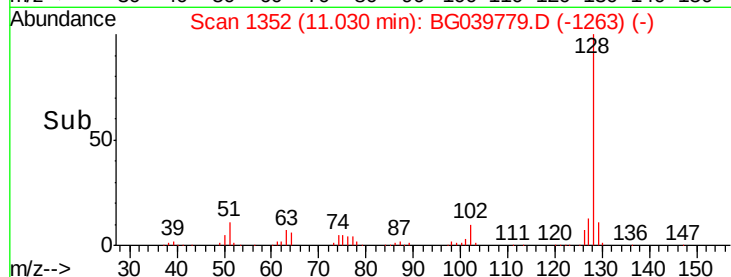
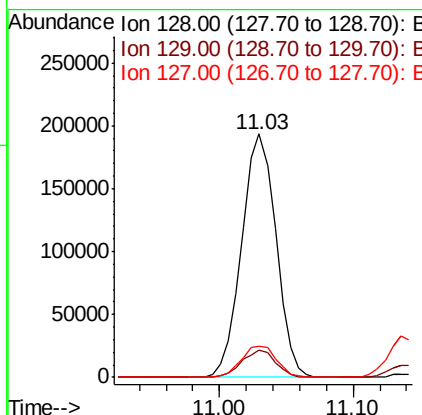
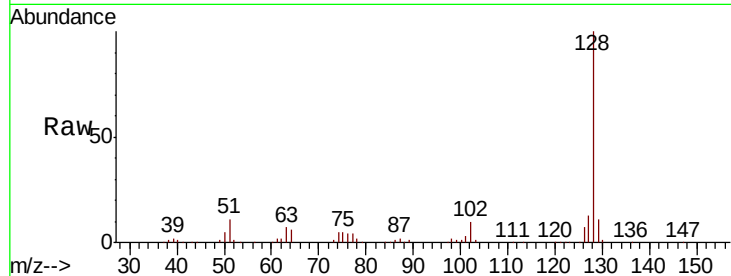
#31
Naphthalene
Concen: 36.356 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	12.8	10.8	16.2

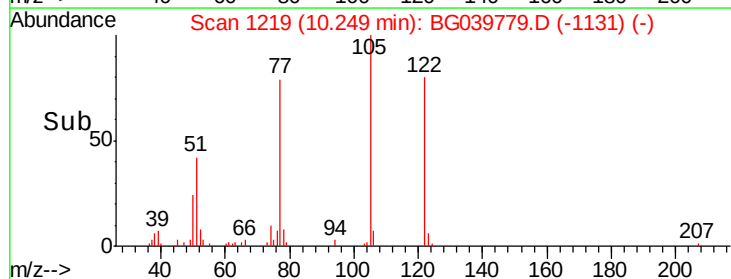
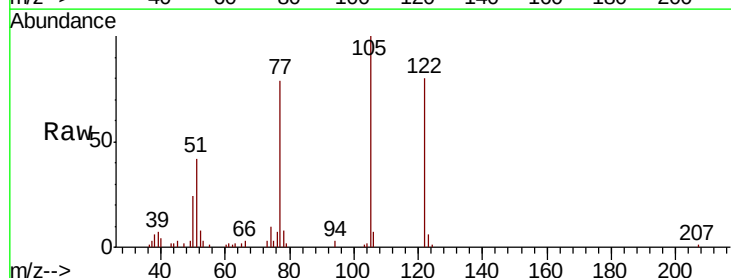
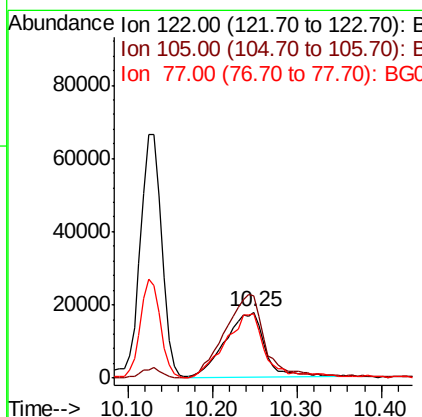
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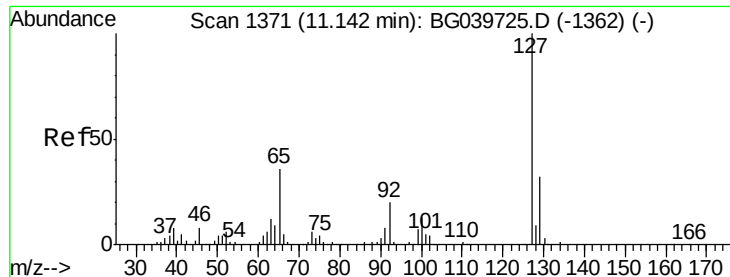
Sohil
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#32
Benzoic acid
Concen: 34.196 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	101.8	141.8
77	98.7	76.3	116.3





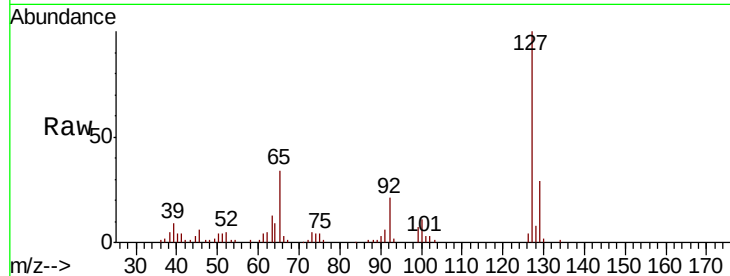
#33
4-Chloroaniline
Concen: 14.847 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

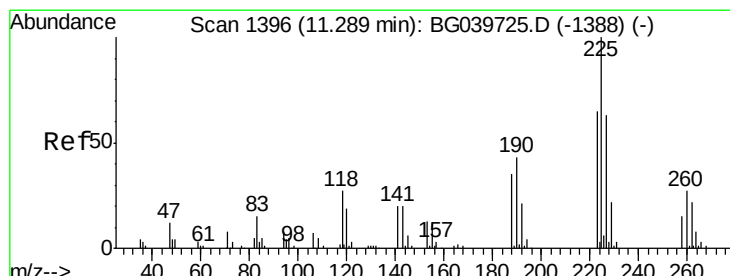
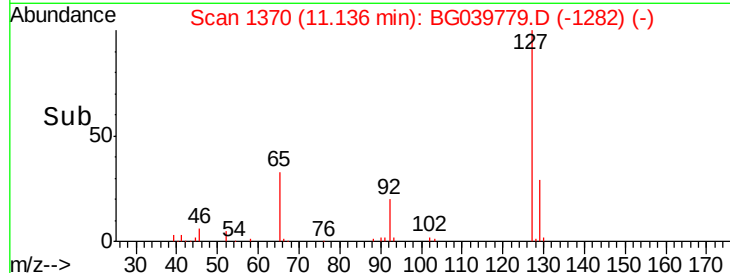
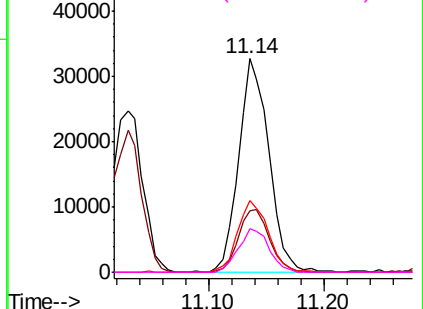
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.7		27.0	40.4	
65	33.7		28.8	43.2	
92	20.6		16.6	25.0	

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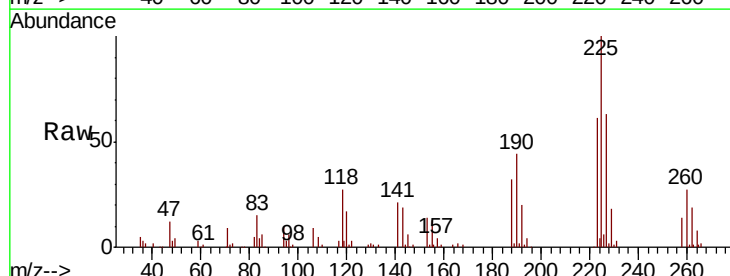


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

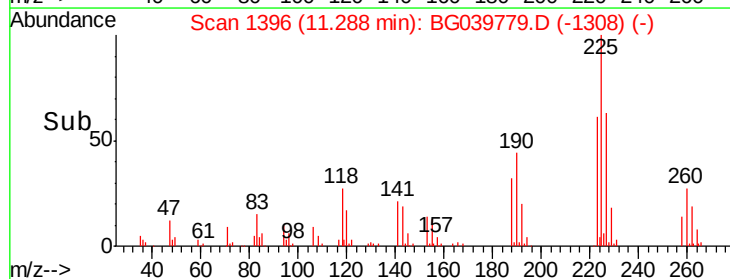
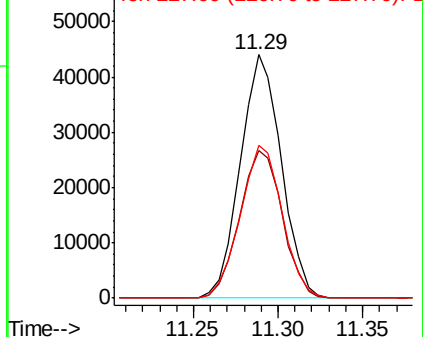


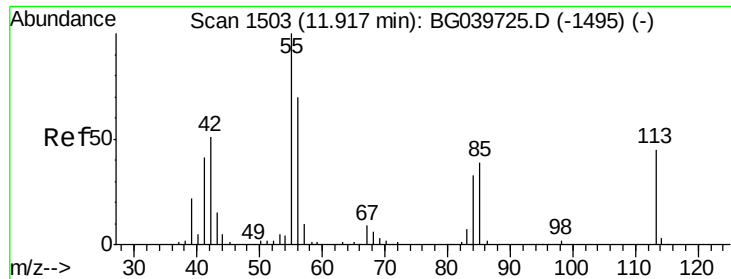
#34
Hexachlorobutadiene
Concen: 32.905 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9		49.0	73.6	
227	62.5		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: 42.374 ng/mL

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:113 Resp: 47359

Ion Ratio Lower Upper

113 100

55 196.8 216.9 256.9#

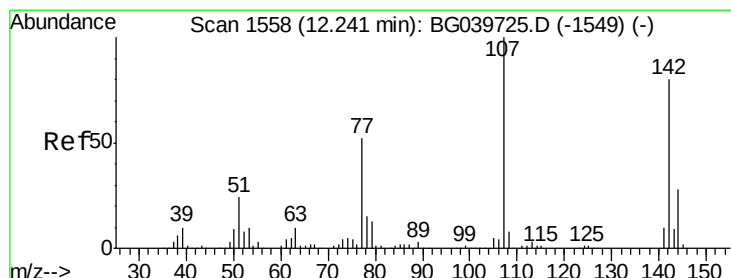
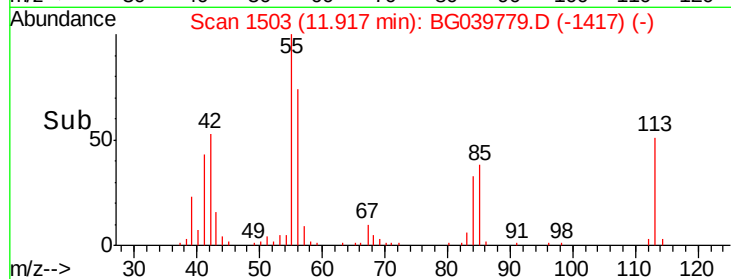
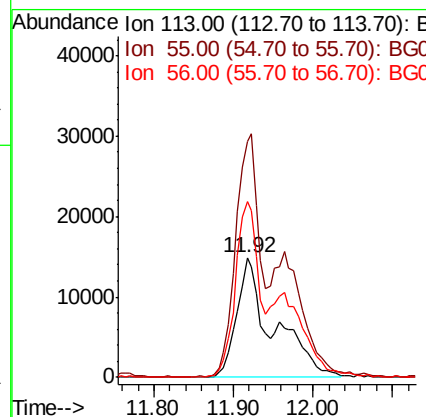
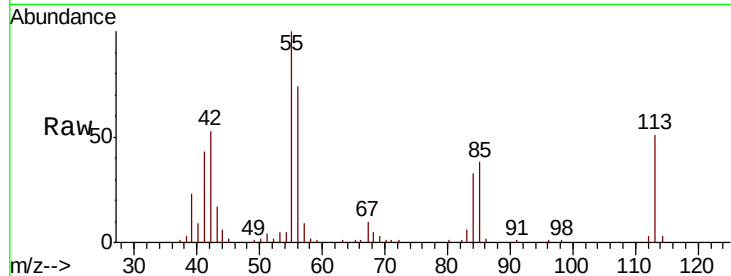
56 146.5 152.6 192.6#

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#36

4-Chloro-3-methylphenol

Concen: 42.774 ng/mL

RT: 12.24 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

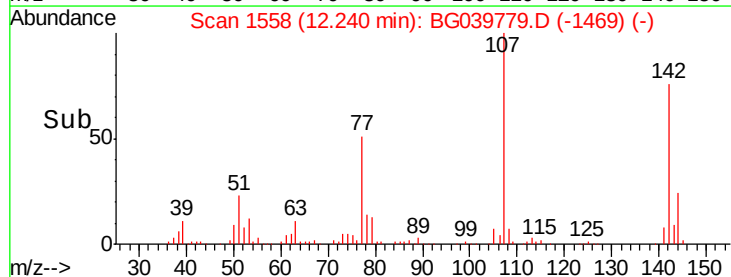
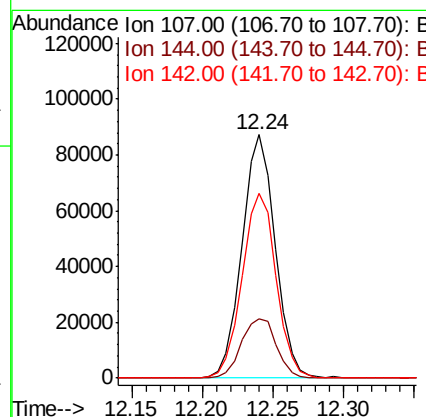
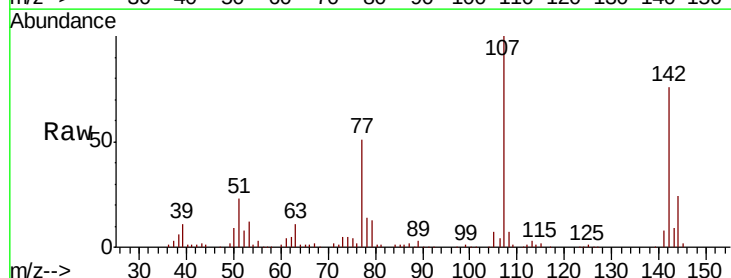
Tgt Ion:107 Resp: 143458

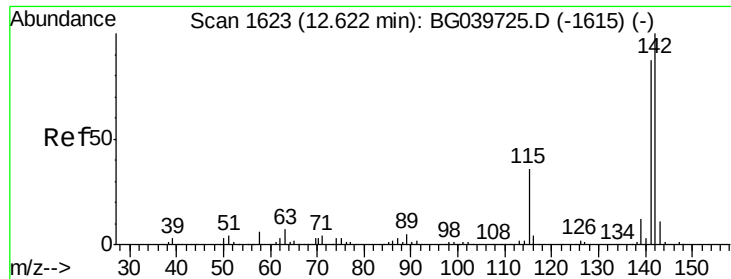
Ion Ratio Lower Upper

107 100

144 24.5 20.2 30.2

142 76.0 61.4 92.2





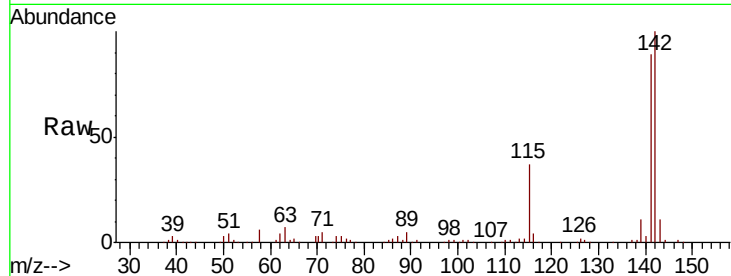
#37
2-Methylnaphthalene
Concen: 38.204 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	37.2	30.8	46.2

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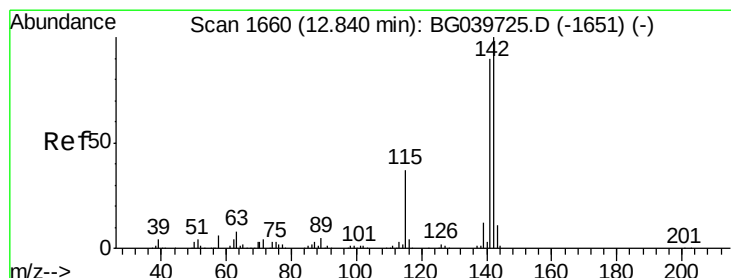
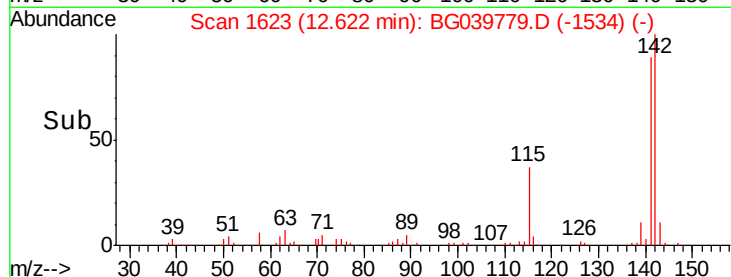
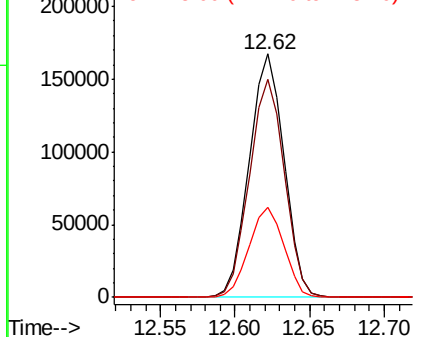


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.595 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

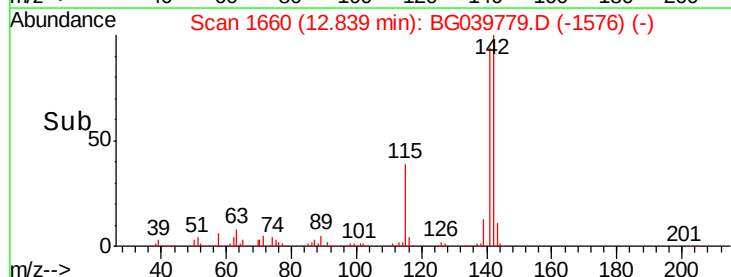
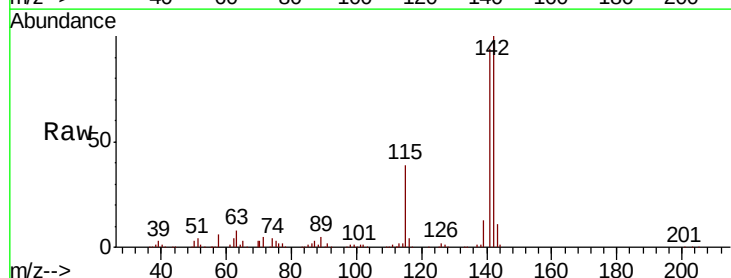
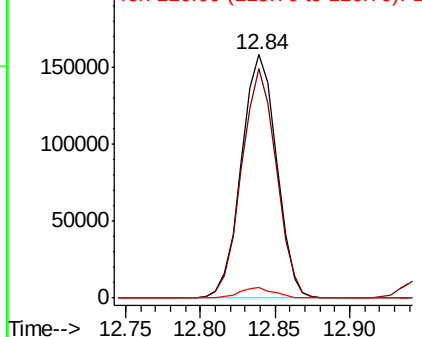
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.2	111.4
116	4.1	3.0	4.6

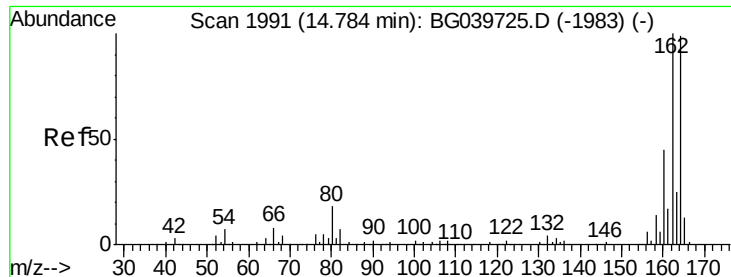
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

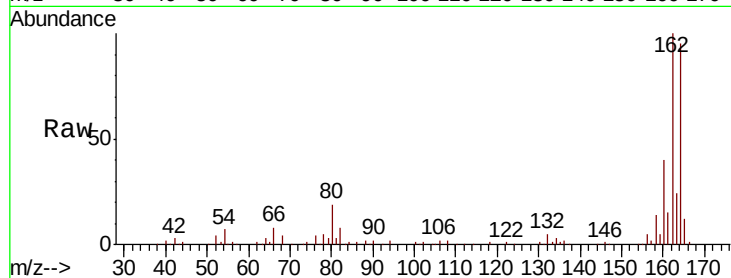
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	164	Resp:	129559
Ion Ratio	Lower	Upper	
164	100		
162	105.5	81.6	122.4
160	42.2	34.2	51.2

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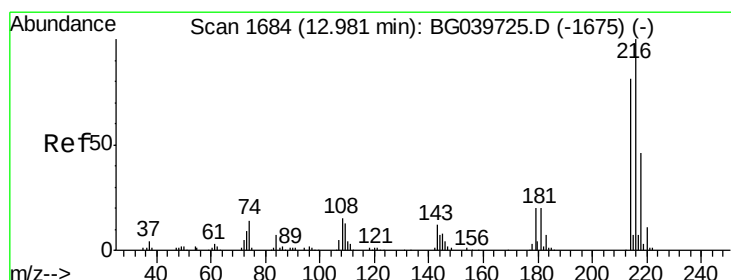
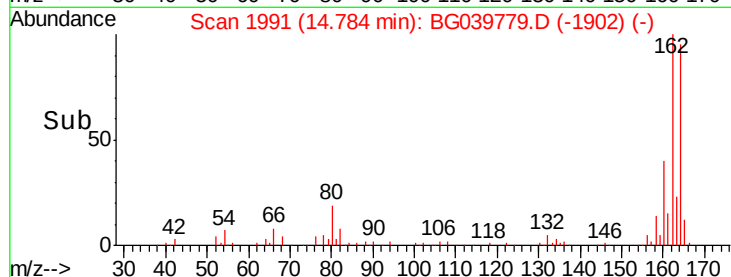
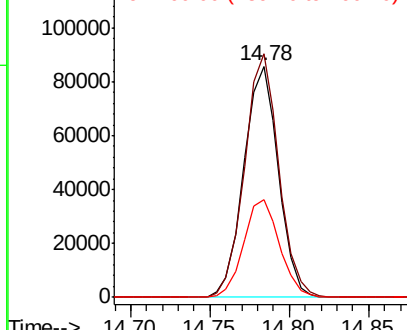


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.103 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	216	Resp:	149682
Ion Ratio	Lower	Upper	
216	100		
214	78.3	62.6	94.0
179	20.8	16.6	25.0
108	17.8	14.0	21.0

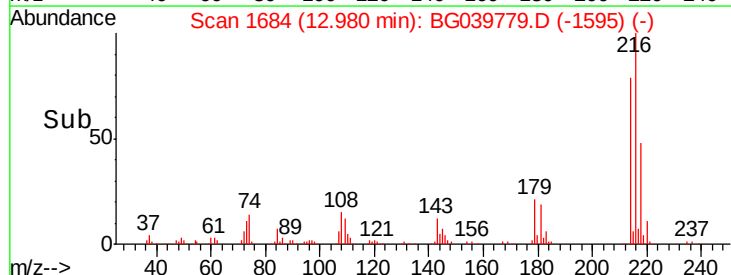
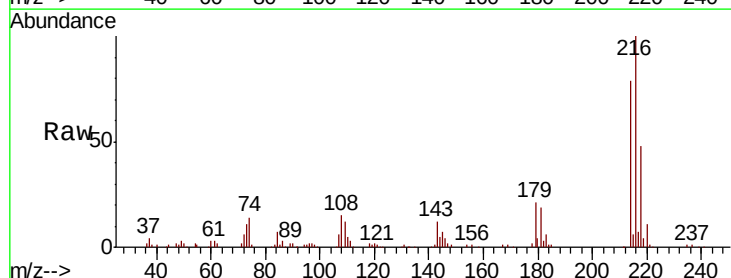
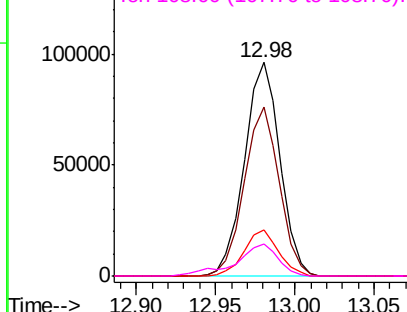
Abundance

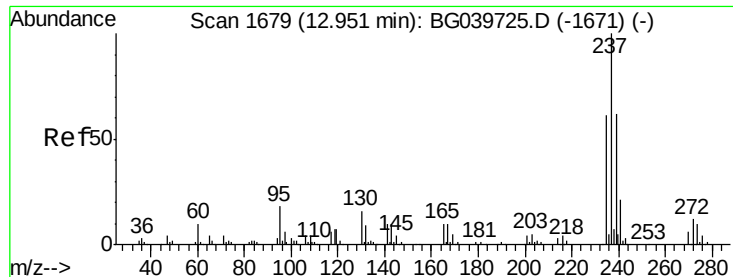
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.473 ng

RT: 12.94 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

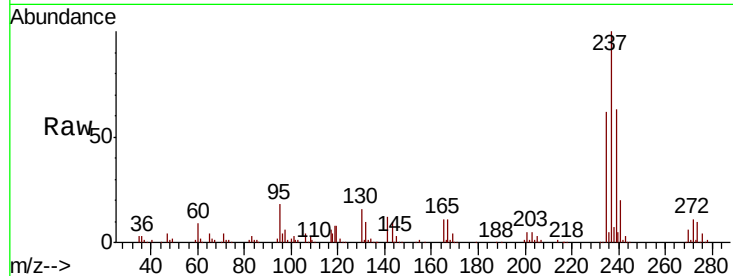
ClientSampleId :

PST-028-SW063-022719MSD

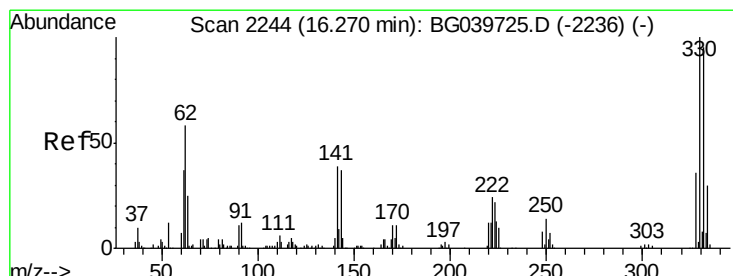
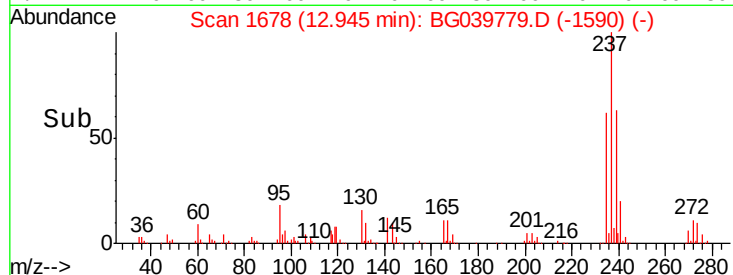
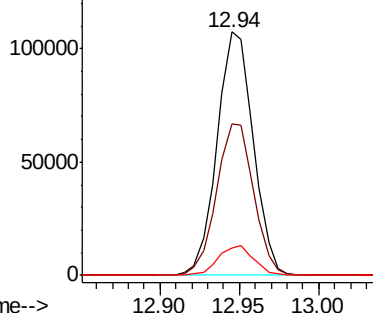
Tot Ion:	237	Resp:	170468
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.3	83.3
272	11.4	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 126.518 ng

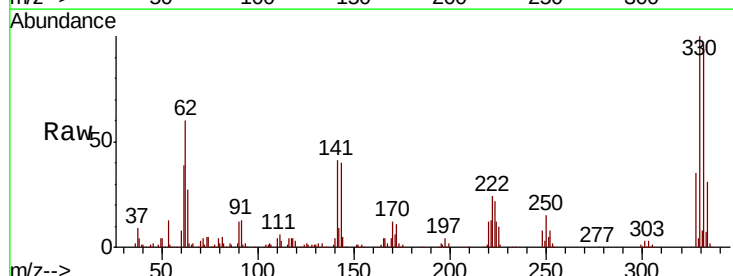
RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

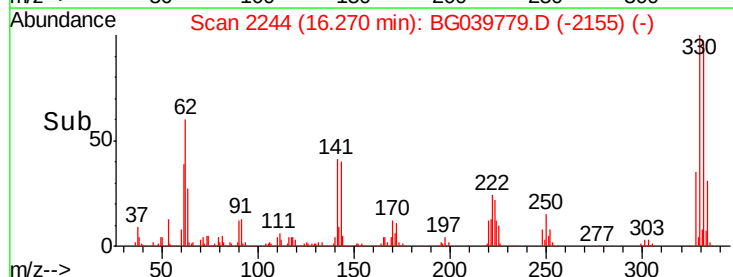
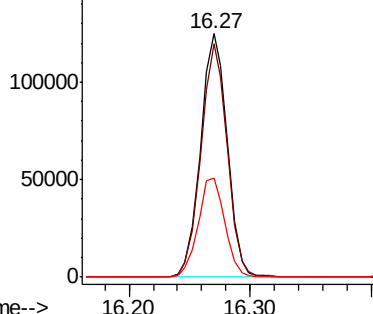
Lab File: BG039779.D

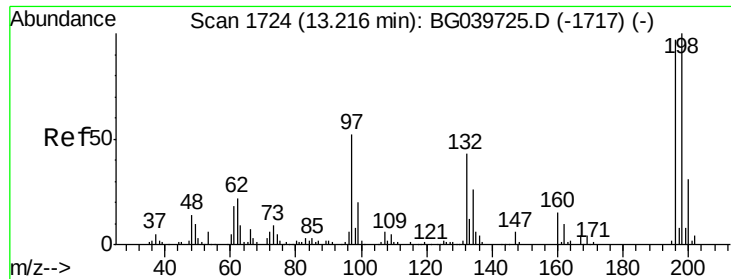
Acq: 6 Mar 2019 00:43

Tgt Ion:	330	Resp:	191055
Ion Ratio	Lower	Upper	
330	100		
332	94.9	75.7	113.5
141	41.0	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





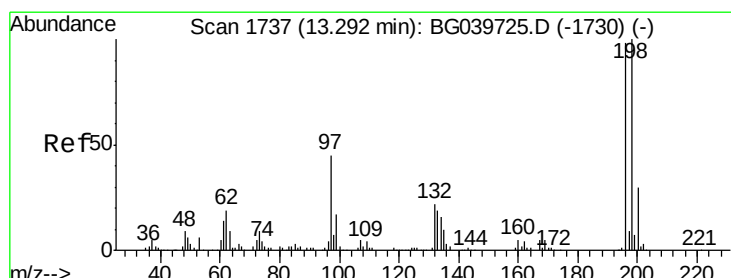
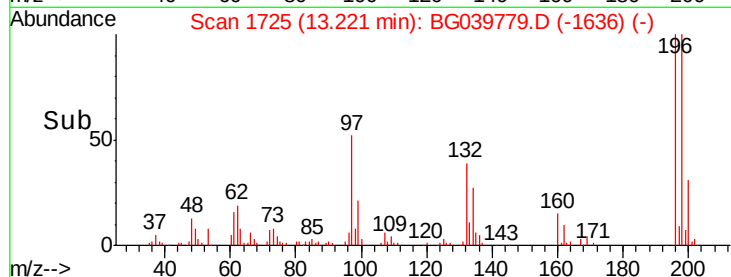
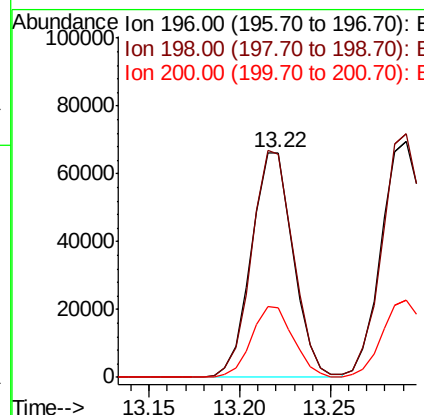
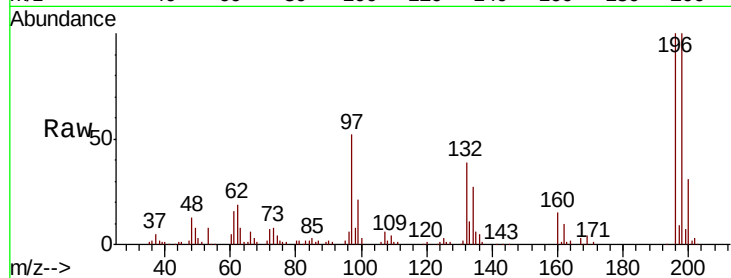
#43
 2,4,6-Trichlorophenol
 Concen: 41.503 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106647		
198	99.6	80.6	121.0	
200	31.0	26.1	39.1	

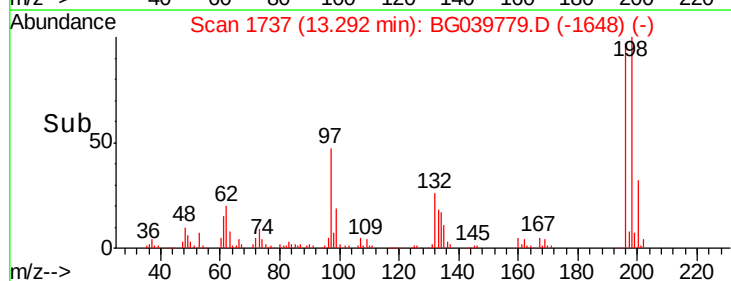
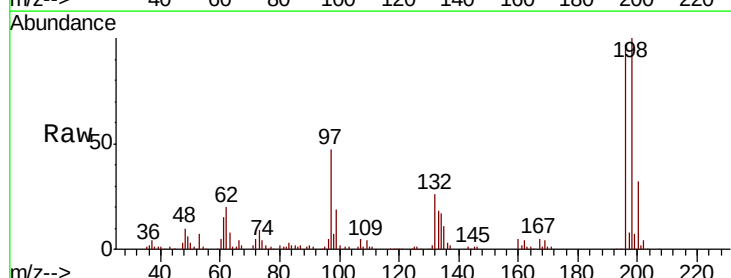
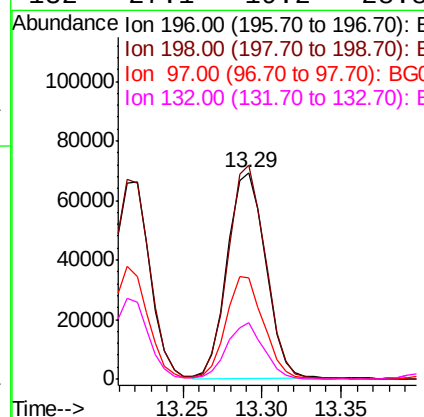
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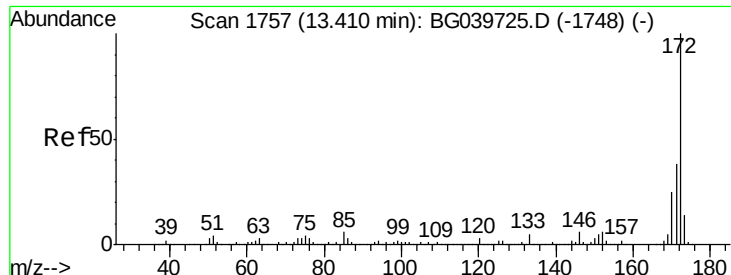
Sohil
 3/6/2019 12:01:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.092 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116123		
198	103.4	78.5	117.7	
97	48.7	38.4	57.6	
132	27.1	19.2	28.8	





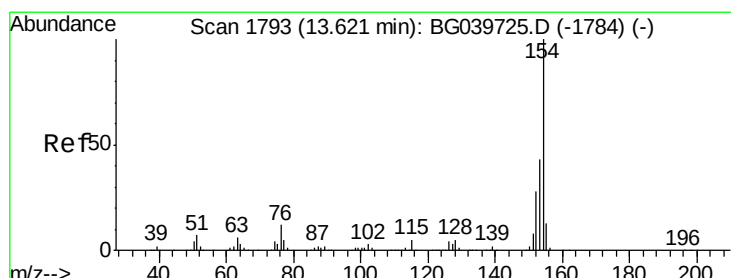
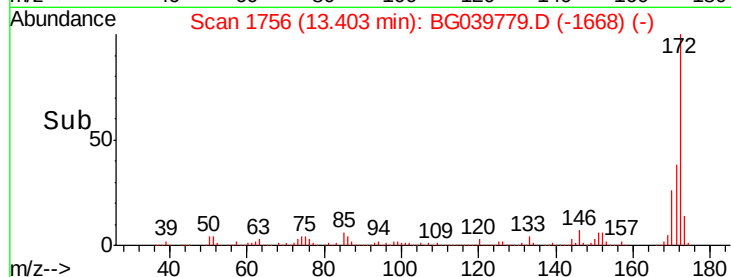
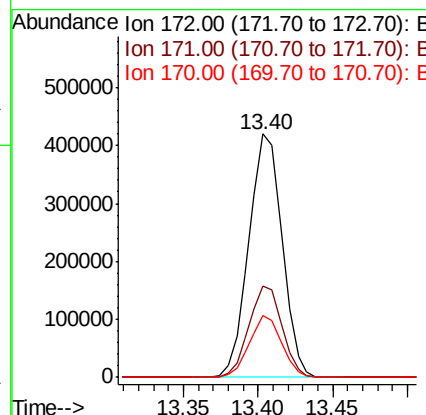
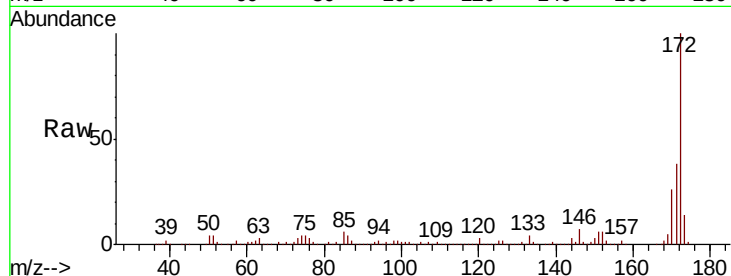
#45
2-Fluorobiphenyl
Concen: 71.094 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.6	20.2	30.4

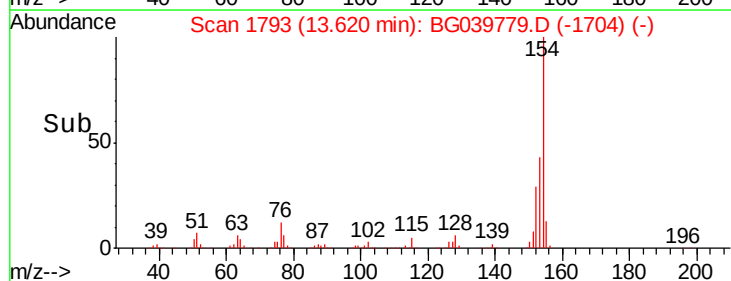
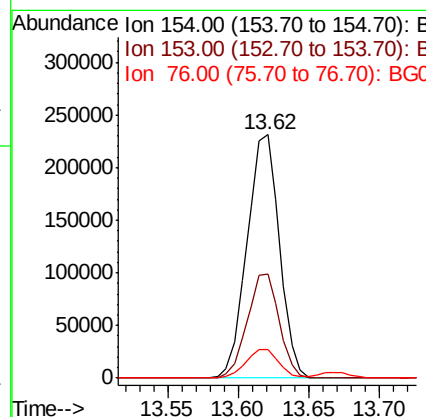
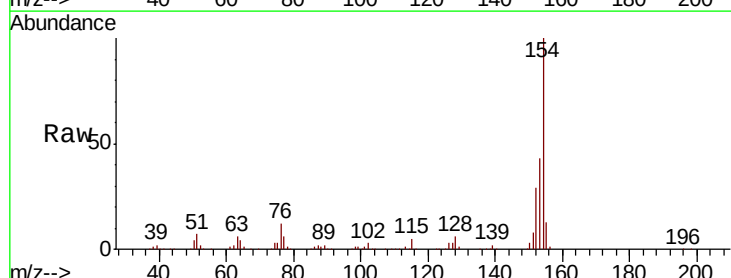
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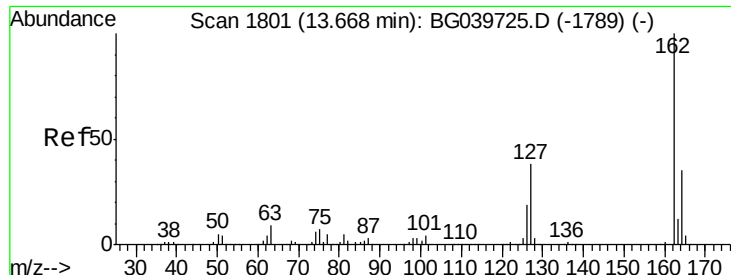
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3/6/2019 12:01:15 PM



#46
1,1'-Biphenyl
Concen: 34.875 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	11.9	0.0	32.4





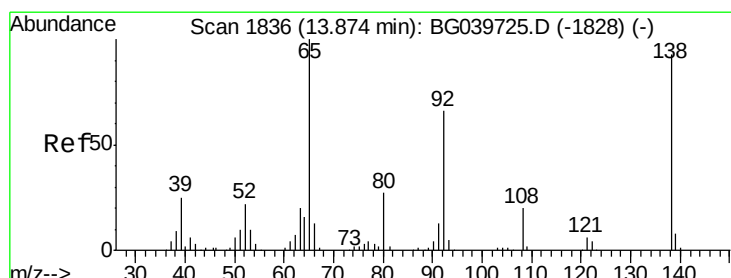
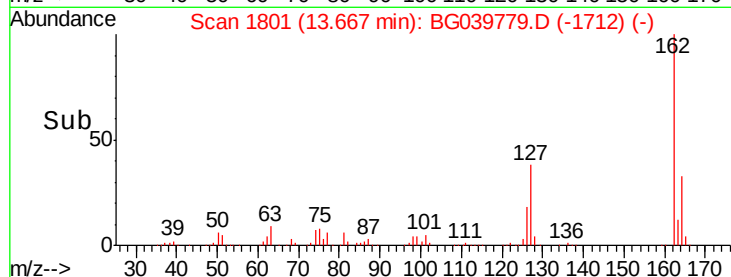
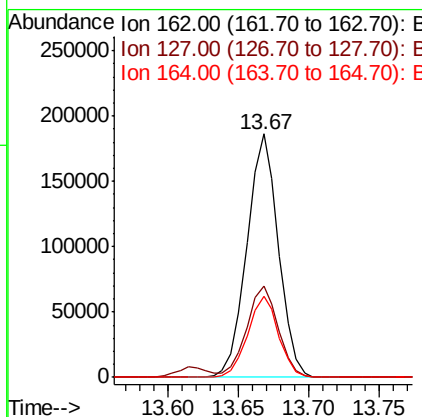
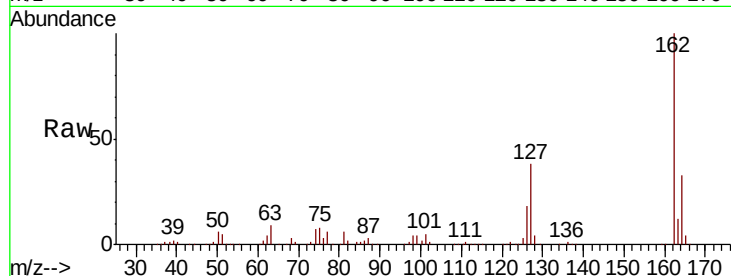
#47
 2-Chloronaphthalene
 Concen: 36.226 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	31.0	46.6
164	33.4	25.7	38.5

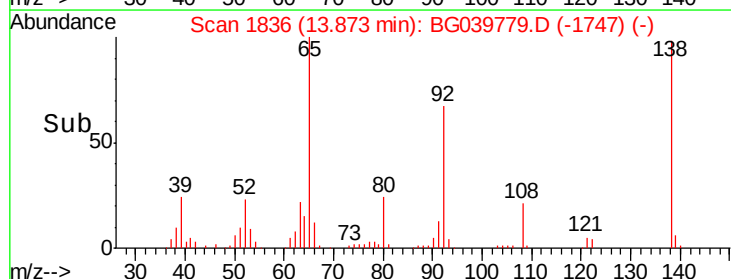
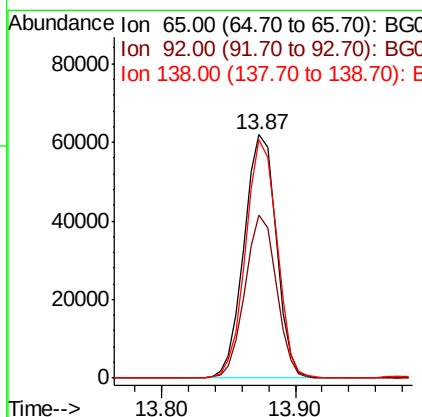
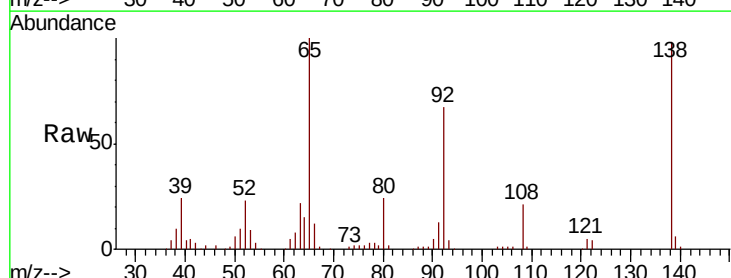
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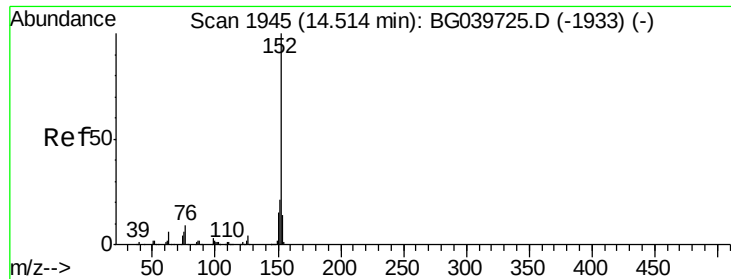
Sohil
 3/6/2019 12:01:15 PM



#48
 2-Nitroaniline
 Concen: 40.068 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	51.4	77.2
138	97.8	71.4	107.2





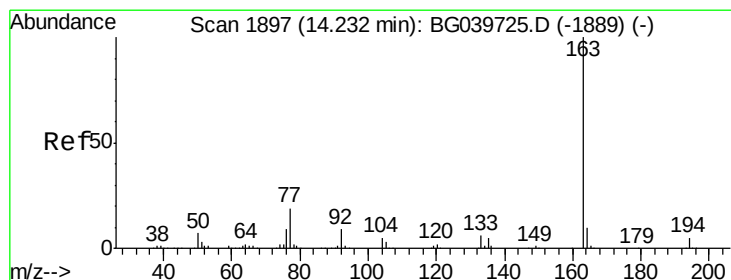
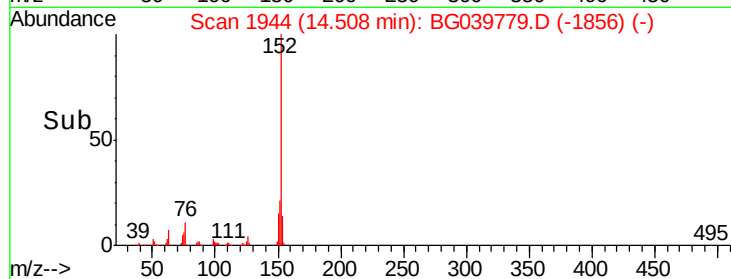
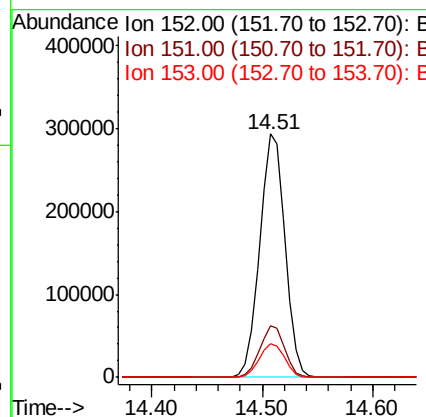
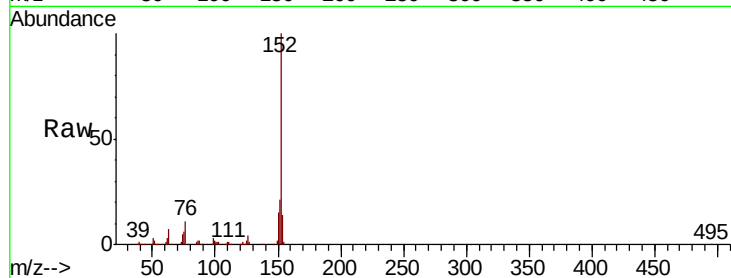
#49
Acenaphthylene
Concen: 35.840 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.7	11.7	17.5

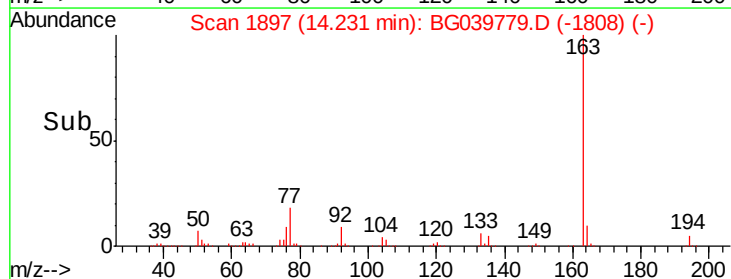
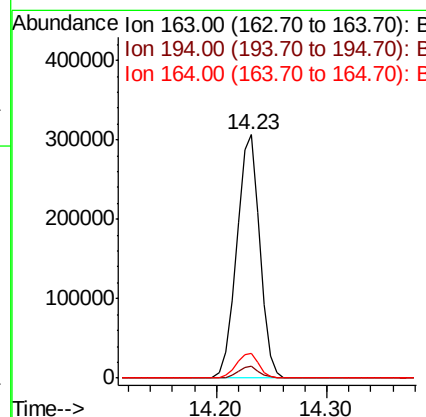
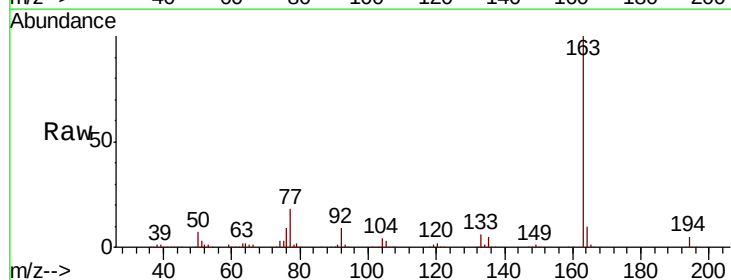
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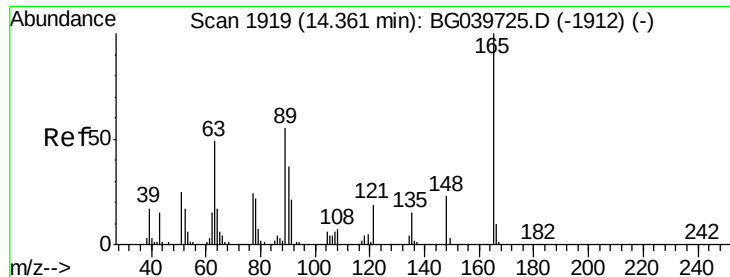
Sohil
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#50
Dimethylphthalate
Concen: 41.268 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.2	8.4	12.6





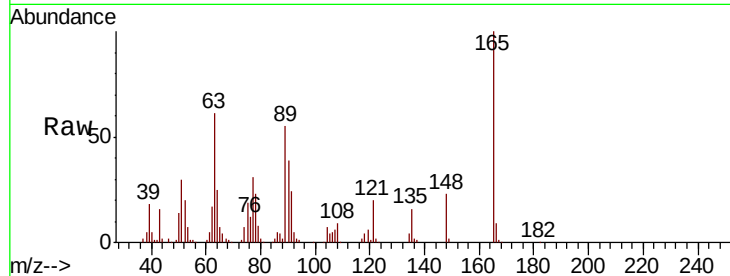
#51
 2,6-Dinitrotoluene
 Concen: 37.824 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

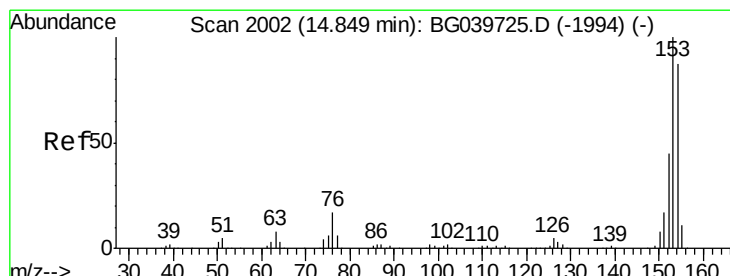
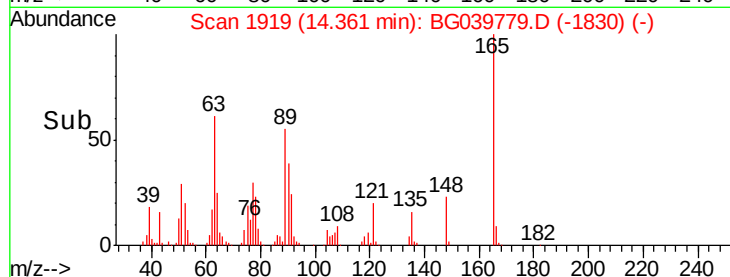
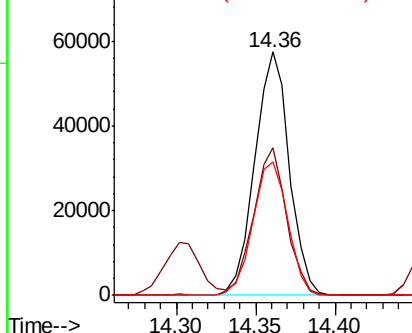
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	47.0	70.6
89	54.9	45.8	68.8

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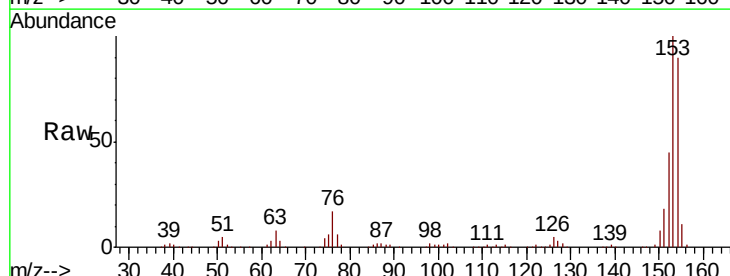


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

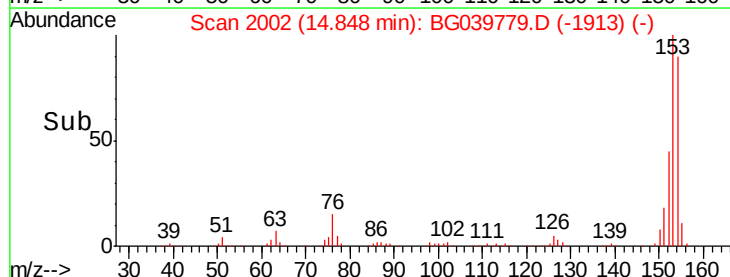
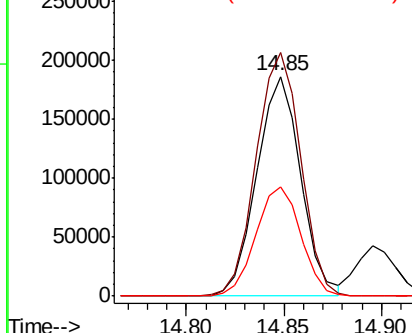


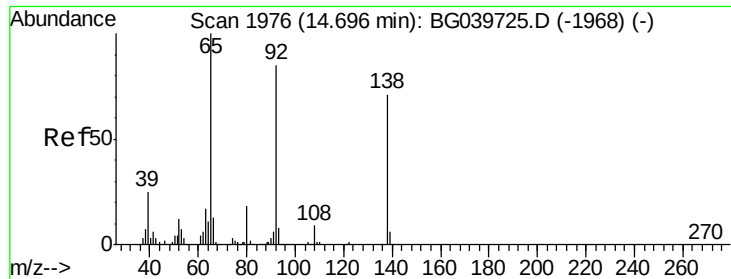
#52
 Acenaphthene
 Concen: 36.723 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.1	135.1
152	49.8	40.9	61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





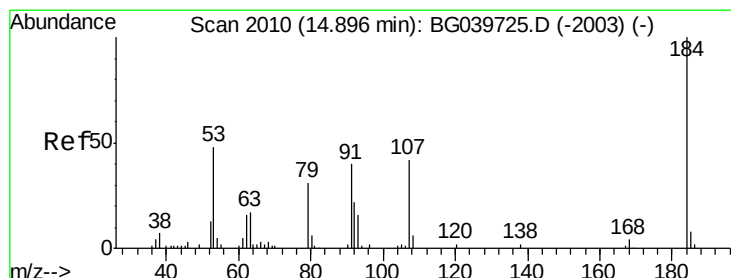
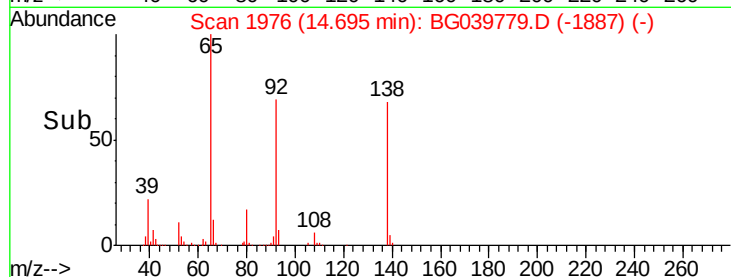
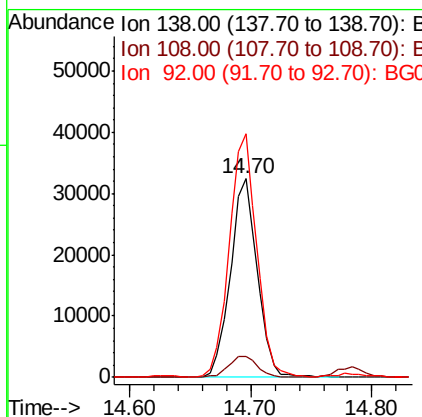
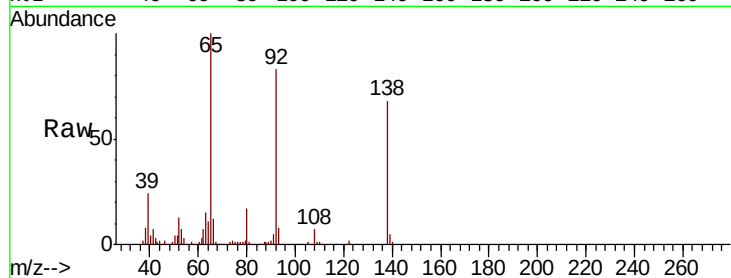
#53
3-Nitroaniline
Concen: 21.780 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion:138 Resp: 50282
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 122.6 103.7 155.5

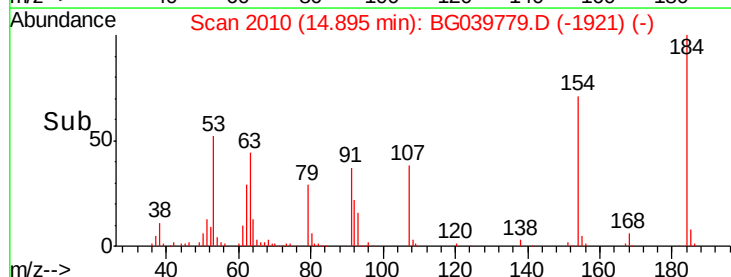
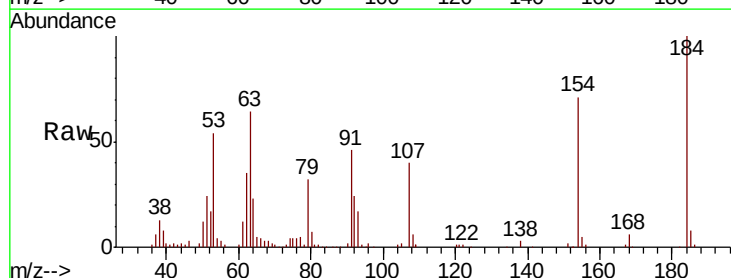
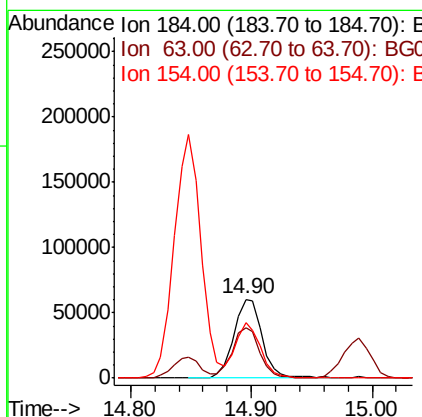
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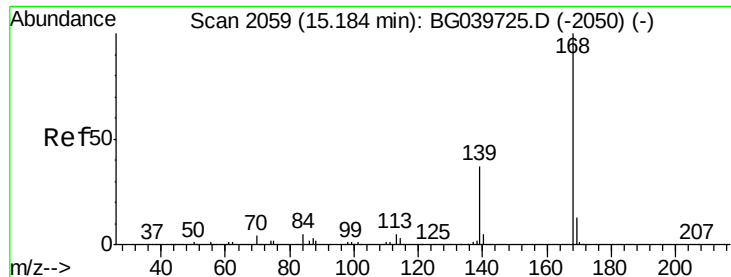
Sohil
3/6/2019 12:01:15 PM



#54
2,4-Dinitrophenol
Concen: 69.237 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion:184 Resp: 99184
Ion Ratio Lower Upper
184 100
63 64.2 50.9 76.3
154 70.5 53.0 79.6





#55

Dibenzofuran

Concen: 36.027 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

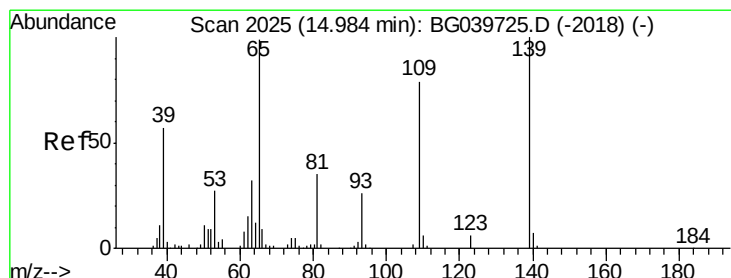
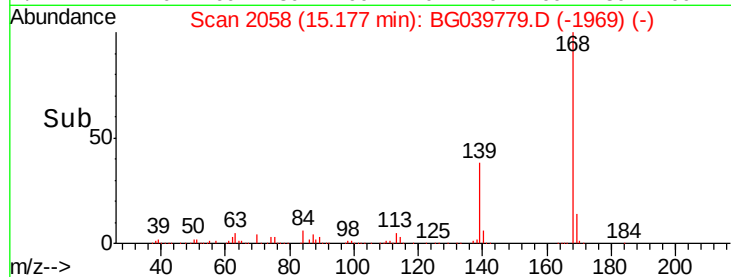
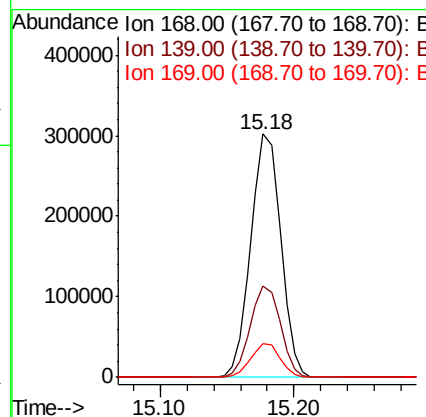
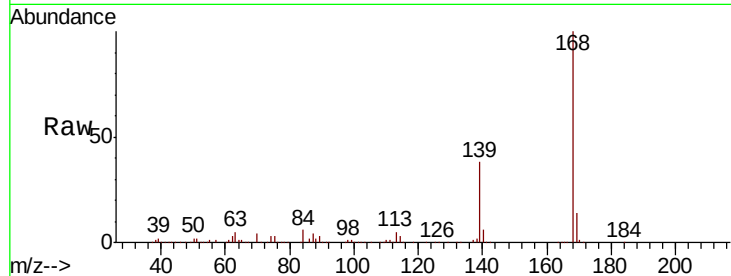
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	168	Resp:	468184
Ion Ratio	Lower	Upper	
168	100		
139	37.7	30.1	45.1
169	13.9	10.6	16.0

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#56

4-Nitrophenol

Concen: 74.177 ng

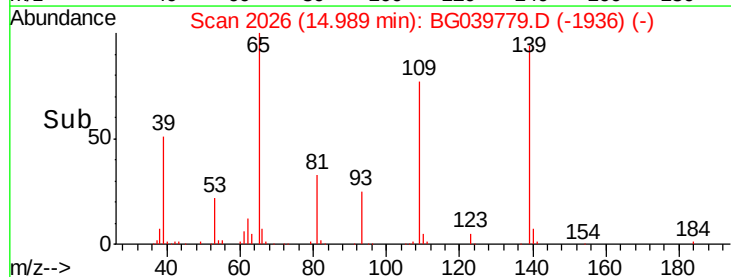
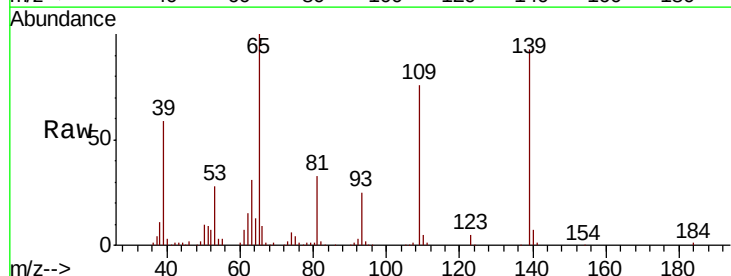
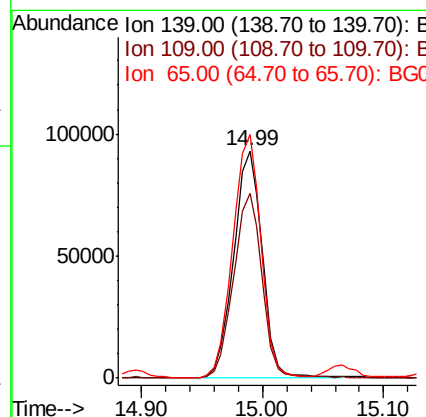
RT: 14.99 min Scan# 2026

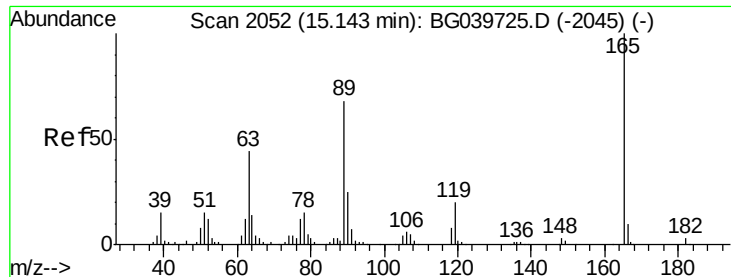
Delta R.T. -0.00 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion:	139	Resp:	153193
Ion Ratio	Lower	Upper	
139	100		
109	81.3	61.9	101.9
65	107.3	99.1	139.1





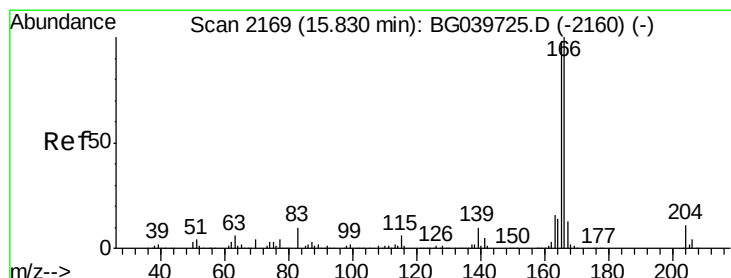
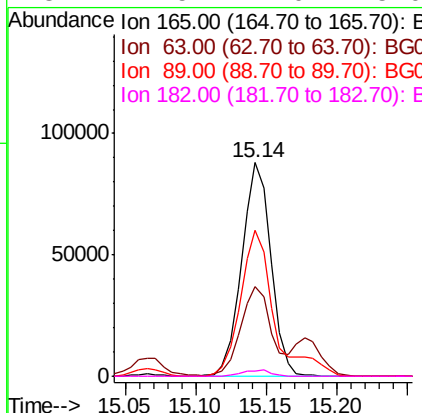
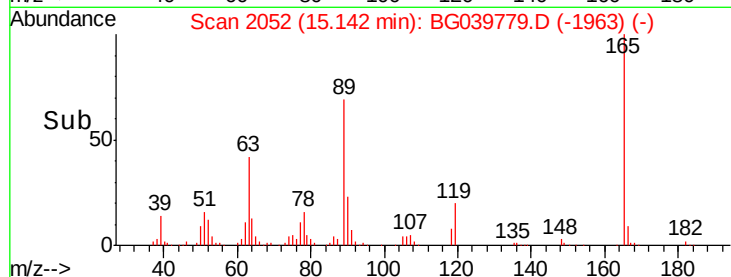
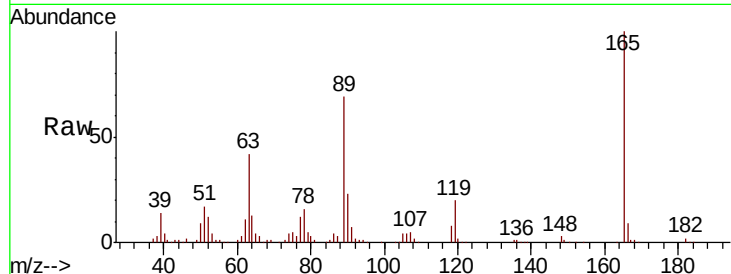
#57
 2,4-Dinitrotoluene
 Concen: 39.384 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		127096		
63	42.1		41.0	61.6	
89	68.6		64.6	96.8	
182	2.5		2.0	3.0	

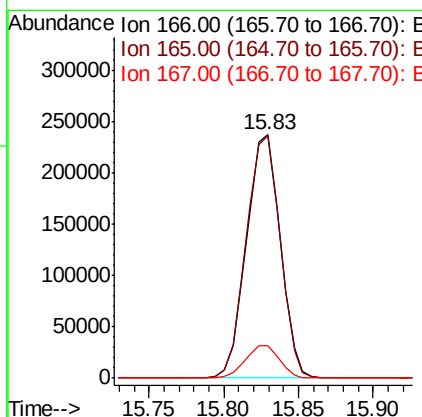
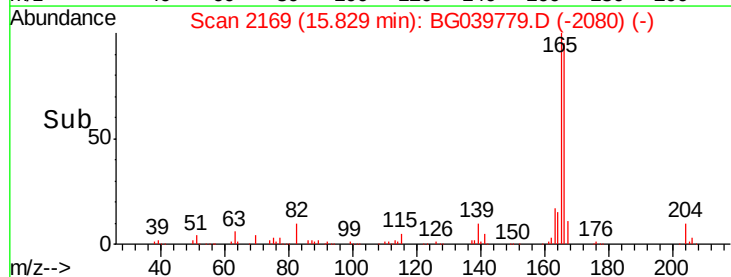
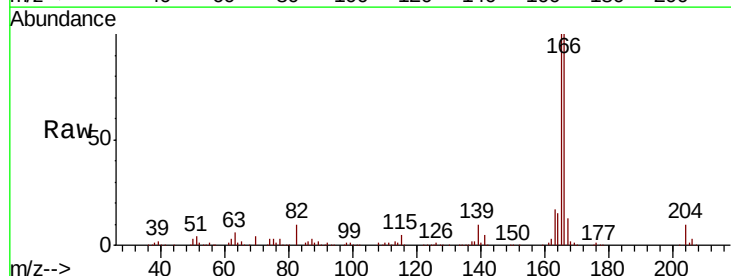
Manual Integrations
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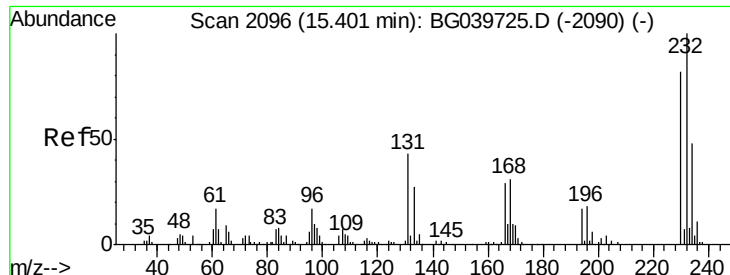
Sohil
 3/6/2019 12:01:15 PM



#58
 Fluorene
 Concen: 36.209 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		369914		
165	99.8		77.9	116.9	
167	13.2		10.8	16.2	





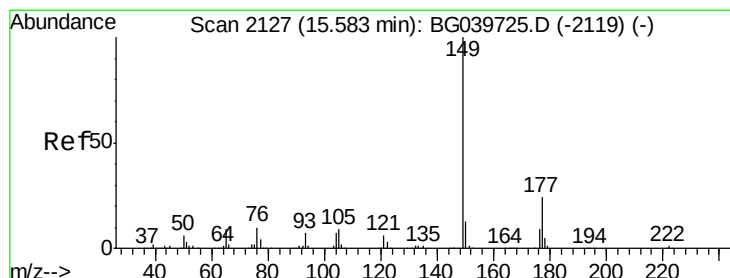
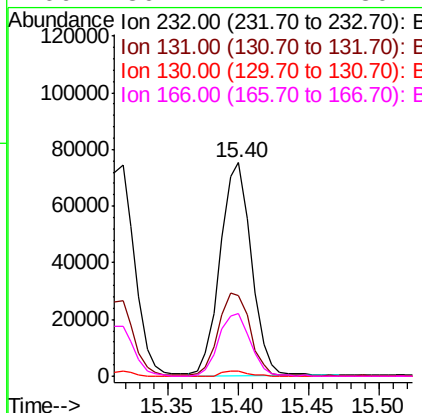
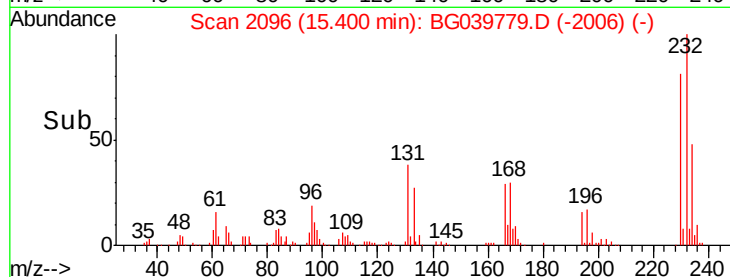
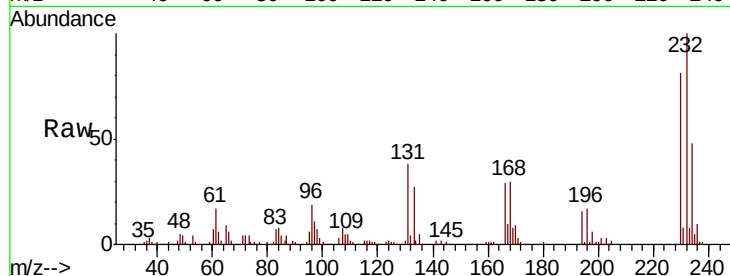
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.898 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.4	34.9	52.3
130	2.2	2.0	3.0
166	30.1	24.1	36.1

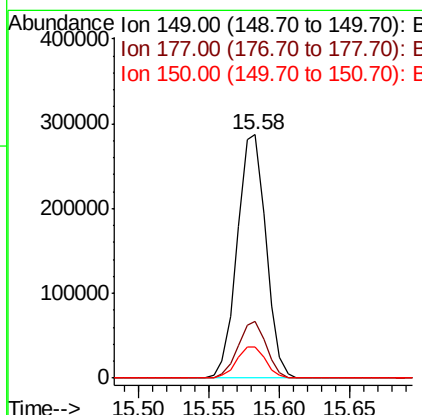
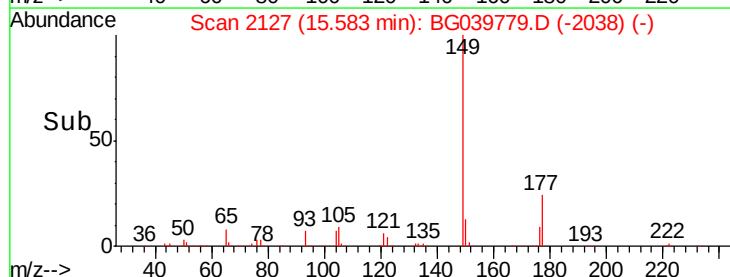
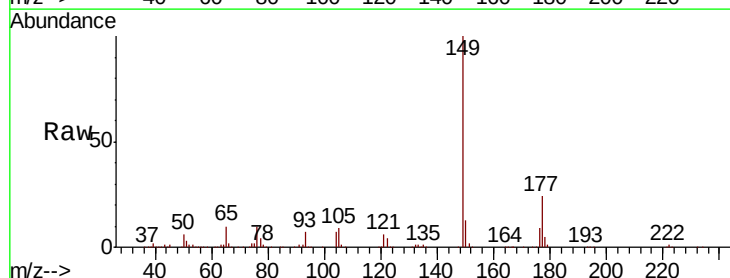
Manual Integrations
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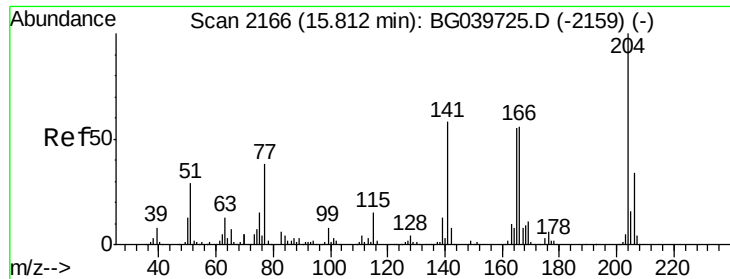
Sohil
 3/6/2019 12:01:15 PM



#60
 Diethylphthalate
 Concen: 37.917 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.7	10.2	15.2





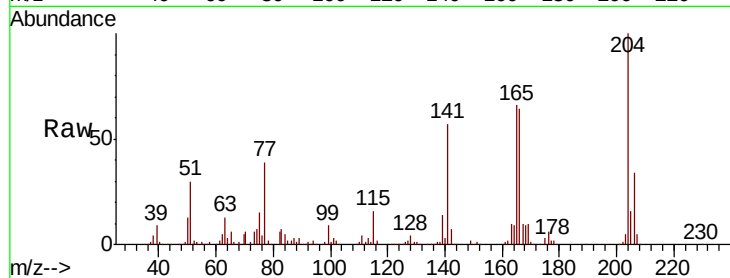
#61
4-Chlorophenyl-phenylether
Concen: 36.366 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	29.2	43.8
141	57.4	49.0	73.4

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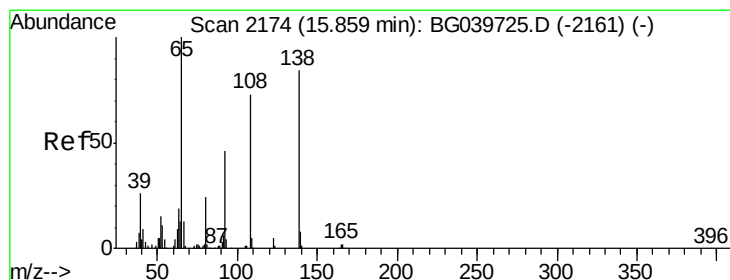
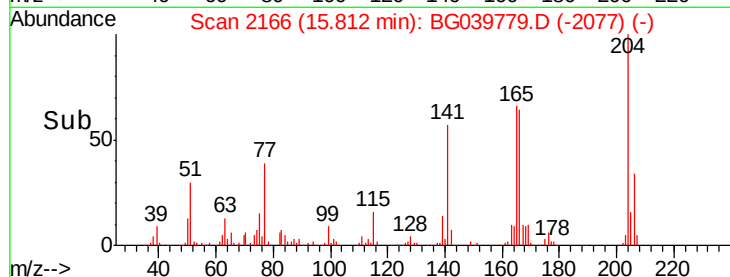
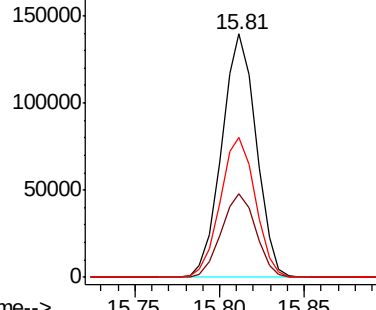


Abundance

Ion 204.00 (203.70 to 204.70): E

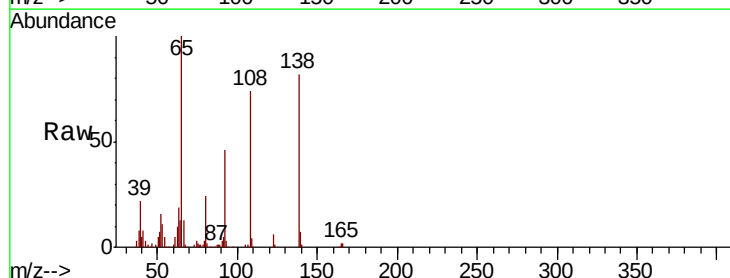
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.491 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.4	38.7	78.7
108	90.8	74.6	114.6

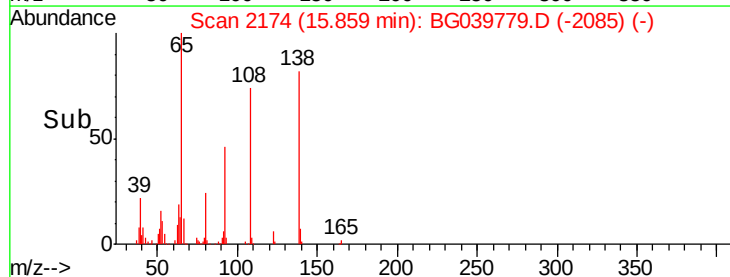
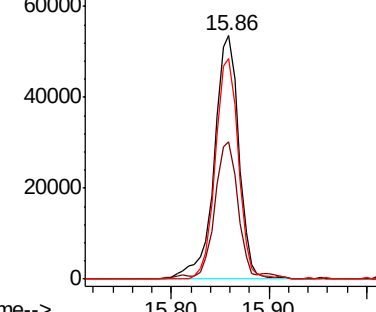


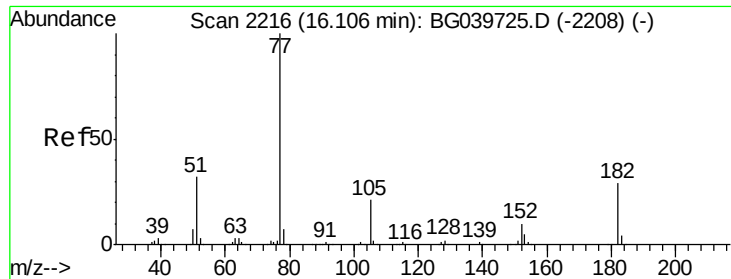
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





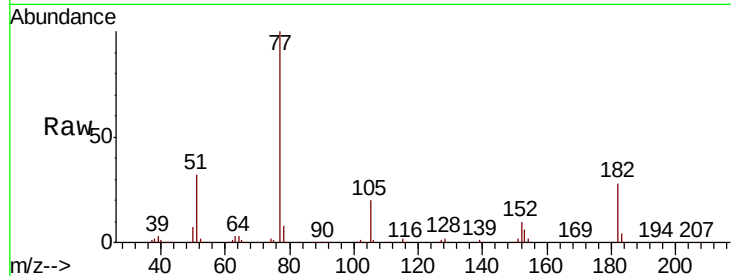
#63
Azobenzene
Concen: 36.903 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

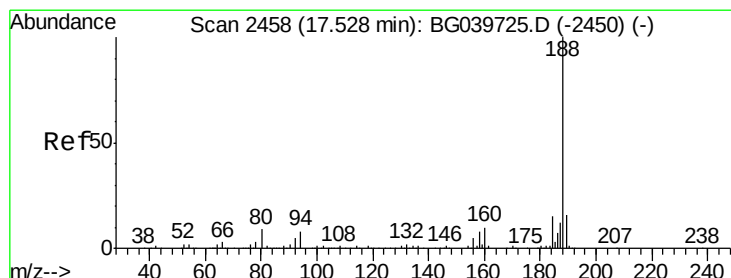
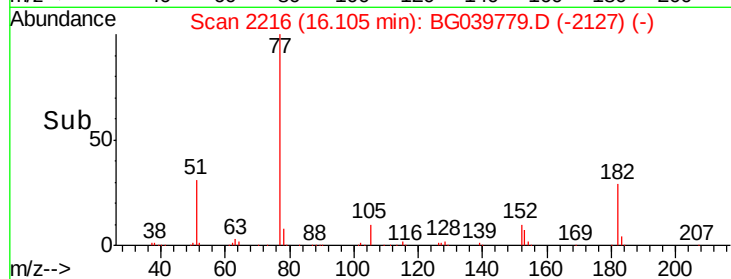
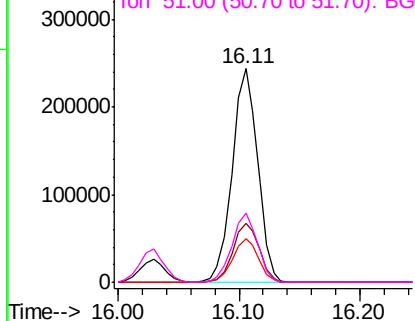
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	6.4	46.4	
105	20.2	0.0	39.8	
51	32.5	14.1	54.1	

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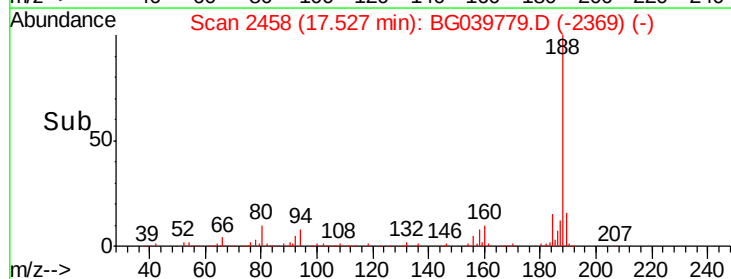
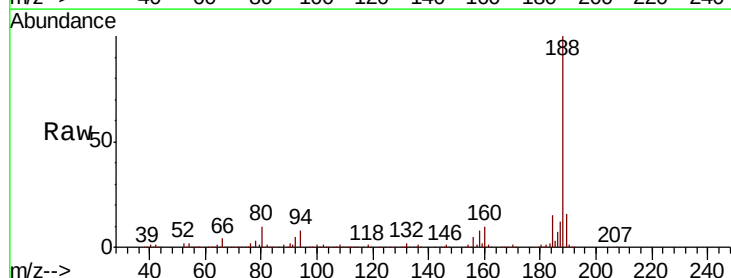
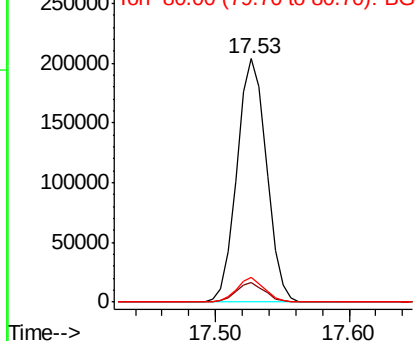
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

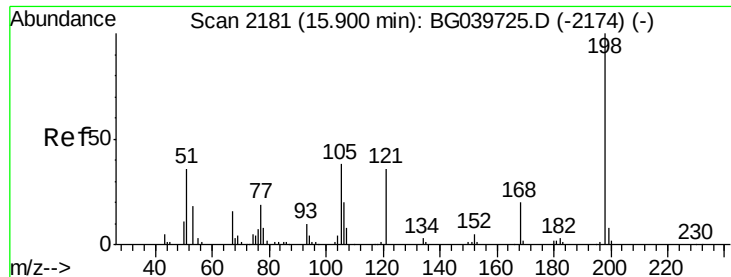


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.9	10.3	
80	10.1	8.1	12.1	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





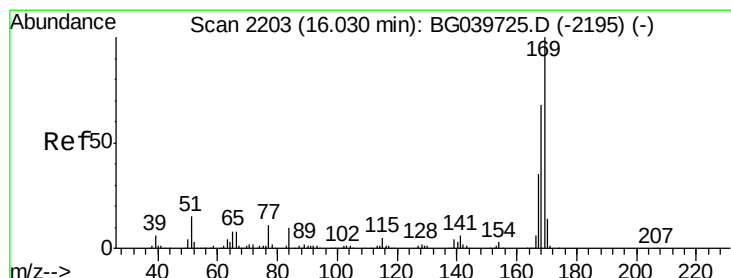
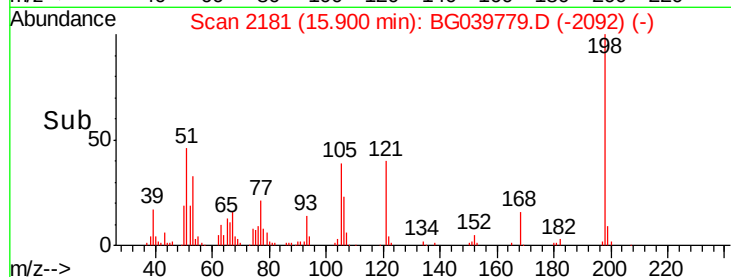
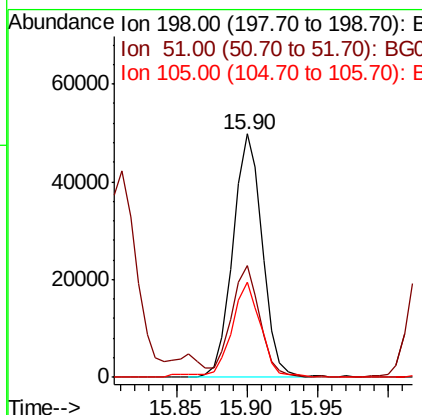
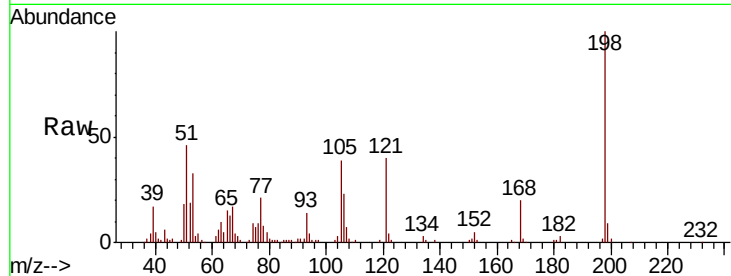
#65
4,6-Dinitro-2-methylphenol
Concen: 39.106 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.9	27.4	67.4
105	39.0	19.7	59.7

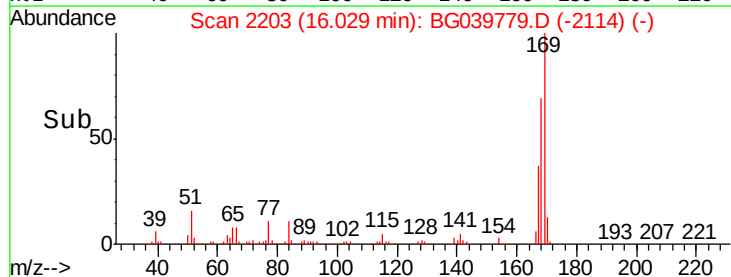
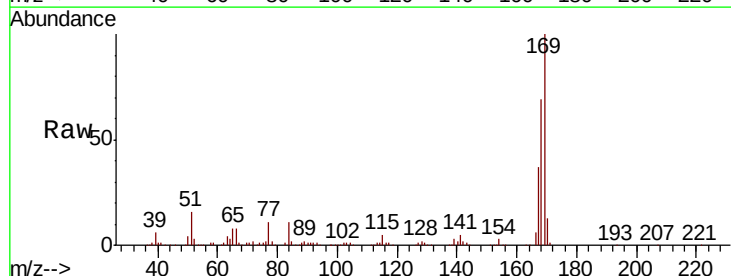
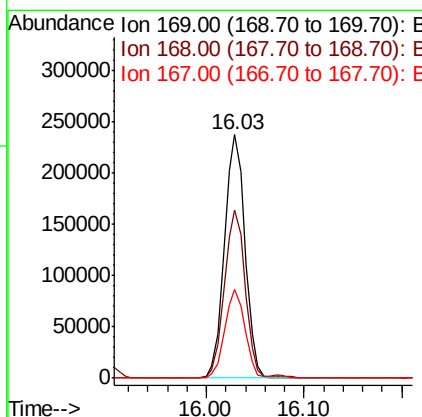
Manual Integrations
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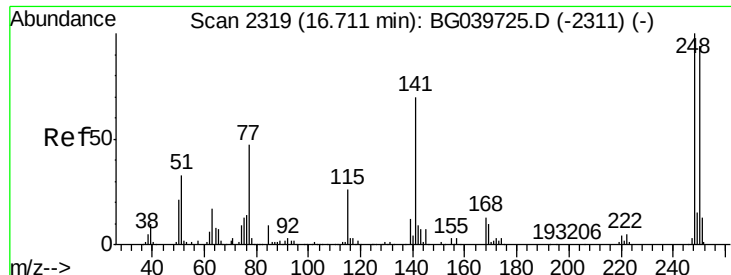
Sohil
3/6/2019 12:01:15 PM



#66
n-Nitrosodiphenylamine
Concen: 38.243 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.6	85.0
167	36.6	28.8	43.2





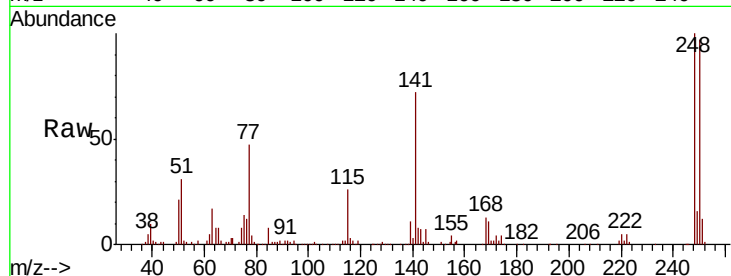
#67
4-Bromophenyl-phenylether
Concen: 36.434 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.6	116.4
141	71.9	63.9	95.9

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3/6/2019 12:01:15 PM

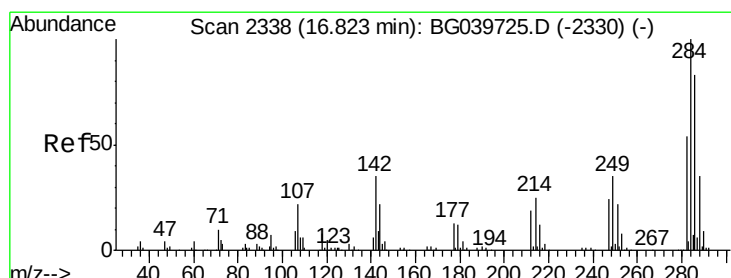
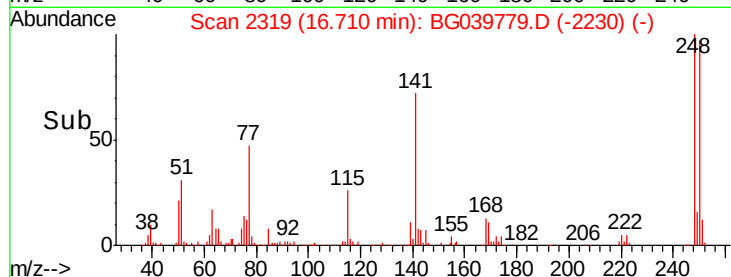
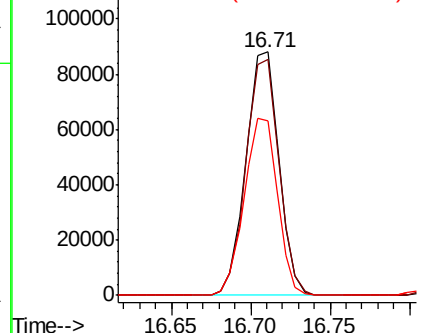


Abundance

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: 36.308 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

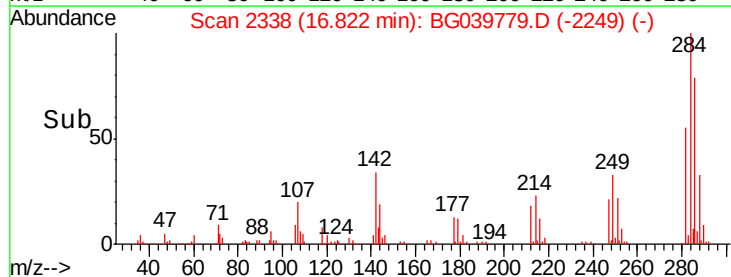
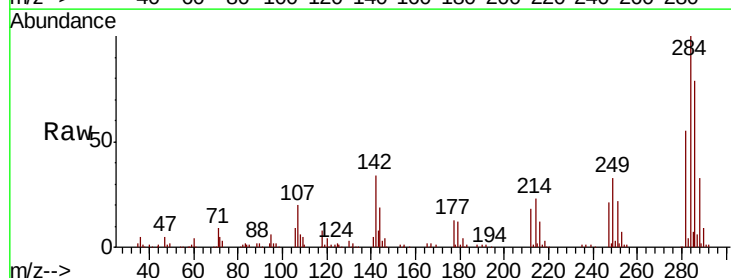
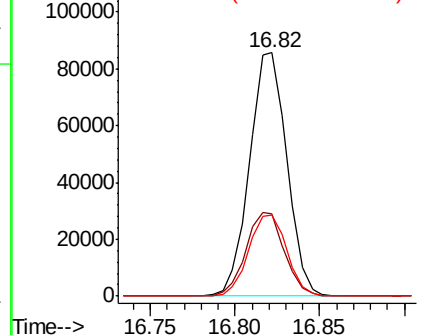
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	30.6	45.8
249	33.1	28.2	42.2

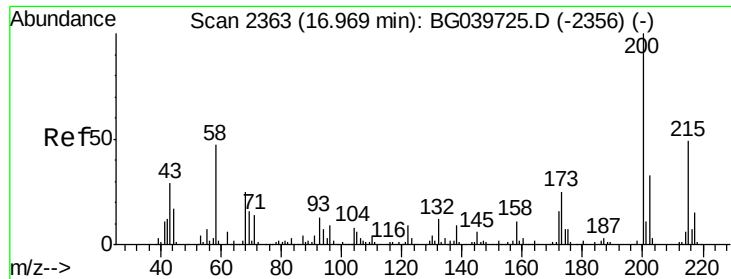
Abundance

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





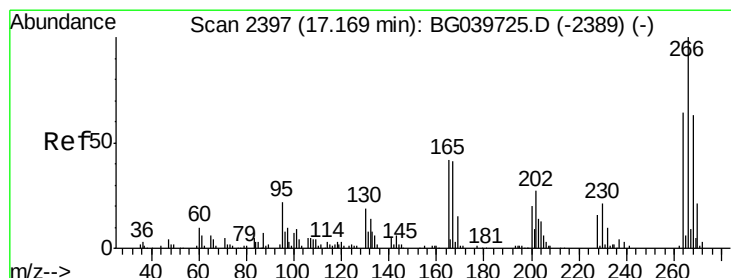
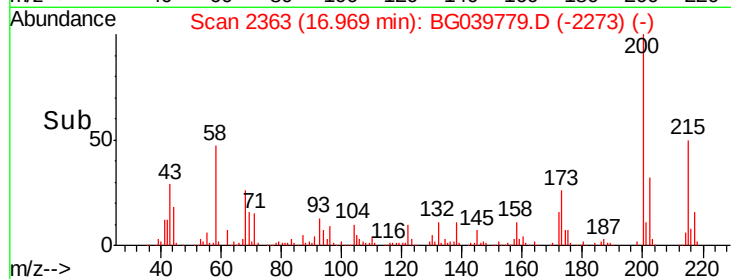
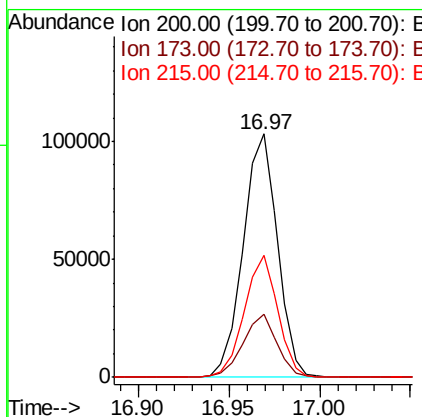
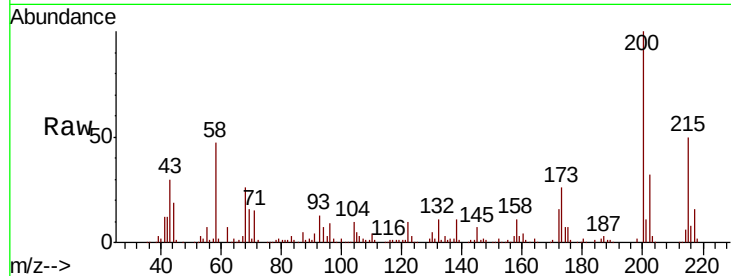
#69
 Atrazine
 Concen: 38.052 ng
 RT: 16.97 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	3.9	43.9
215	49.9	30.9	70.9

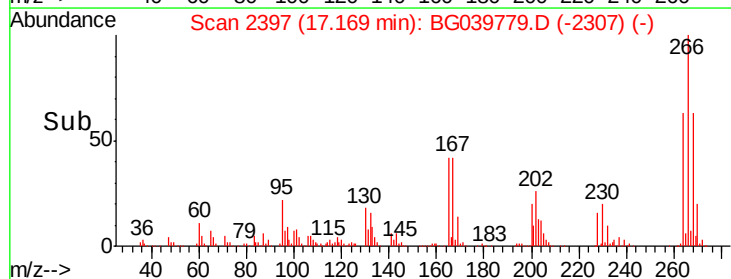
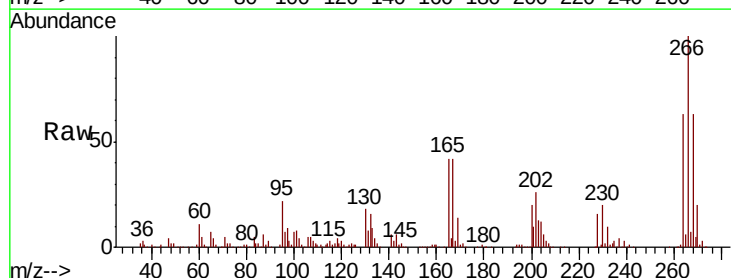
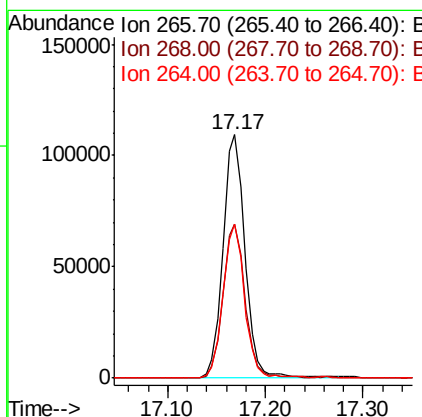
Manual Integrations
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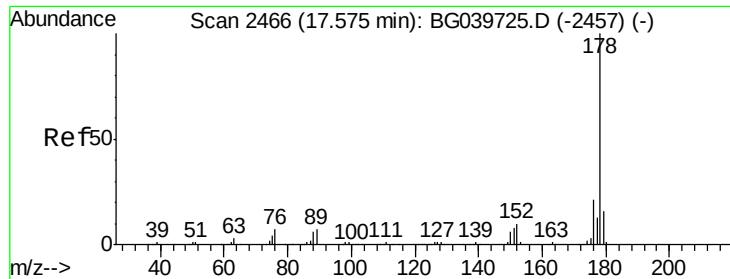
Sohil
 3/6/2019 12:01:15 PM



#70
 Pentachlorophenol
 Concen: 74.881 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.1	52.1	78.1





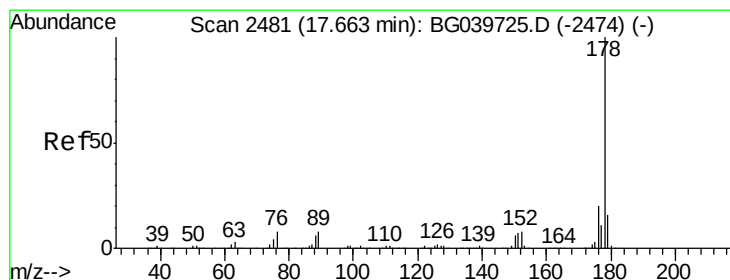
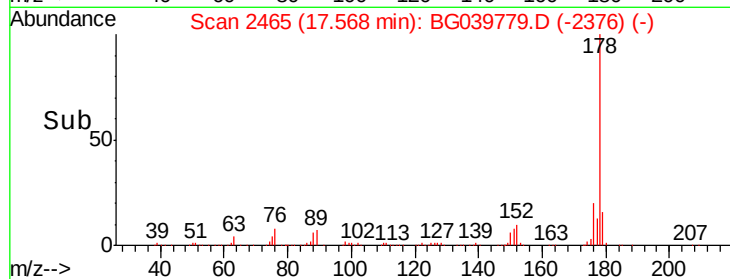
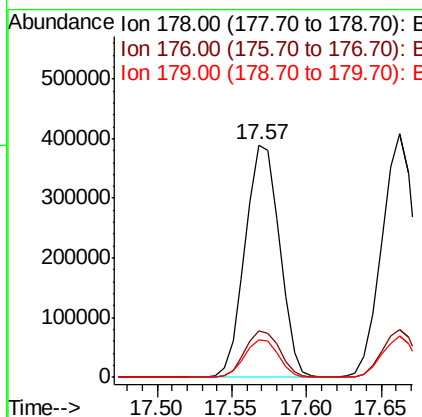
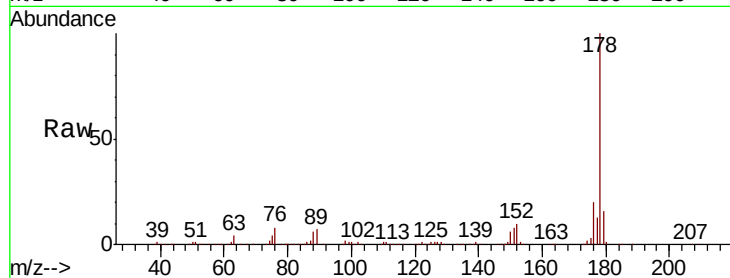
#71
Phenanthrene
Concen: 36.226 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.0	12.6	19.0

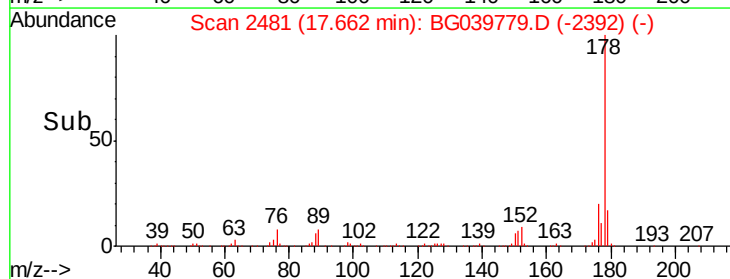
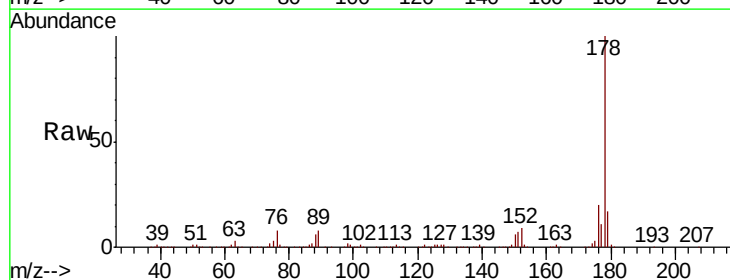
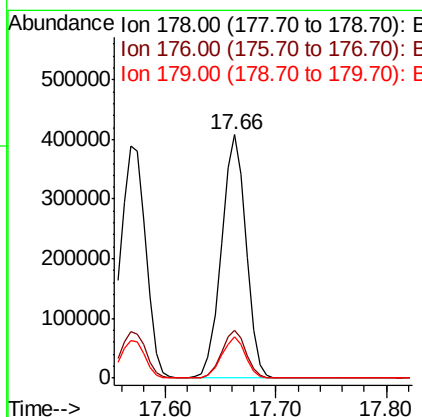
Manual Integrations
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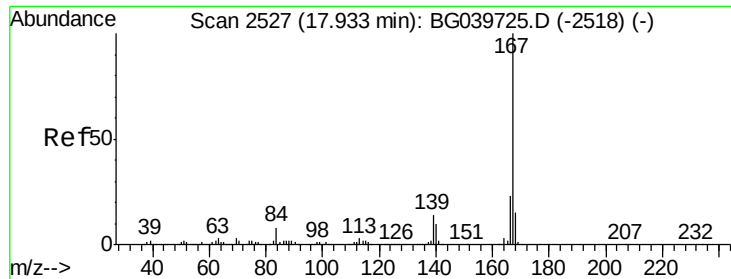
Sohil
3/6/2019 12:01:15 PM



#72
Anthracene
Concen: 37.716 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.8	12.5	18.7





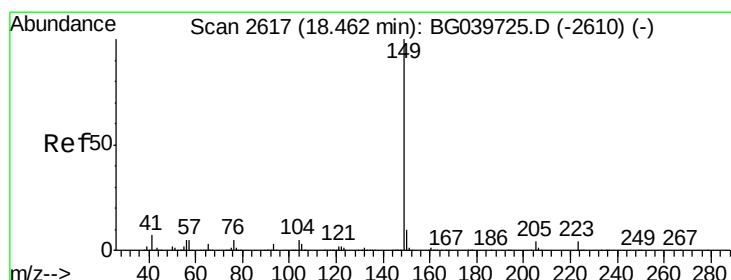
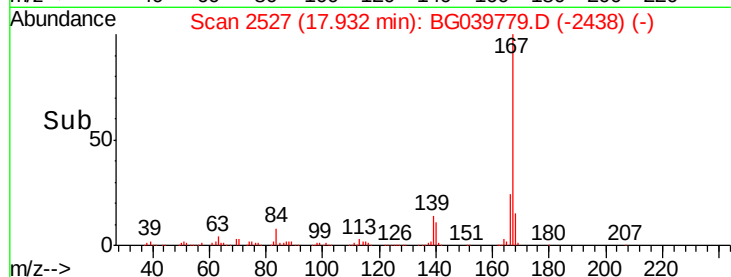
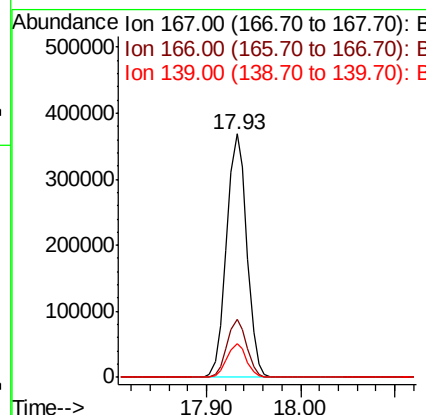
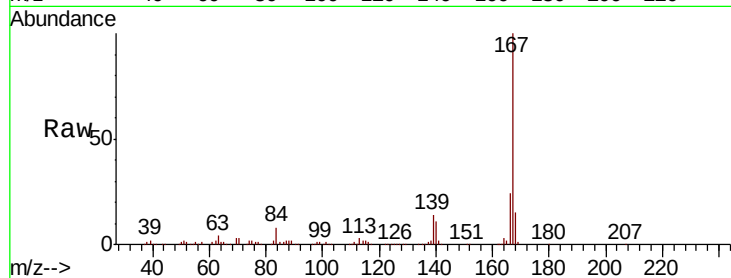
#73
 Carbazole
 Concen: 36.863 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.9	10.8	16.2

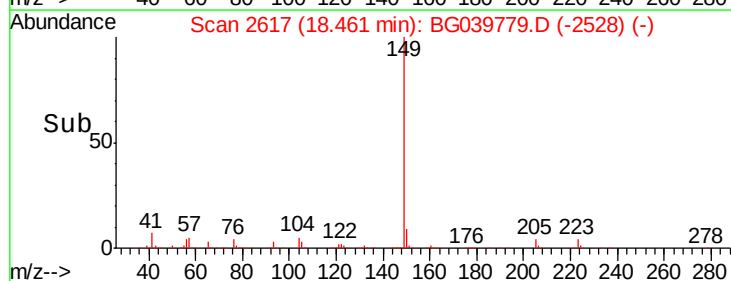
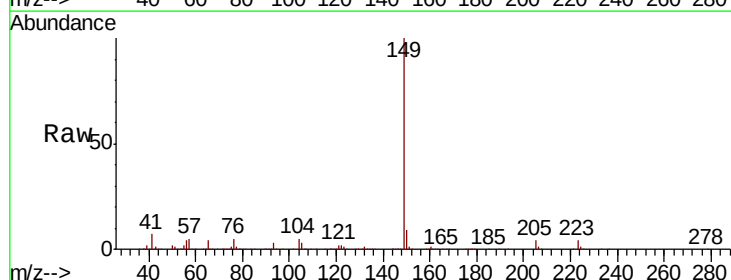
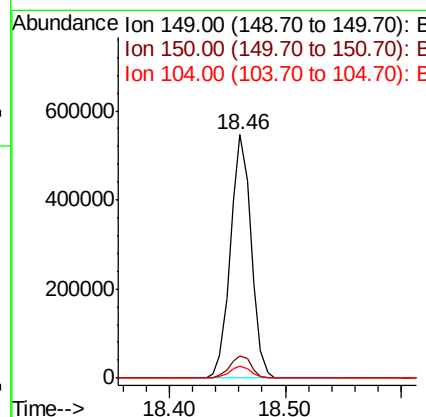
Manual Integrations
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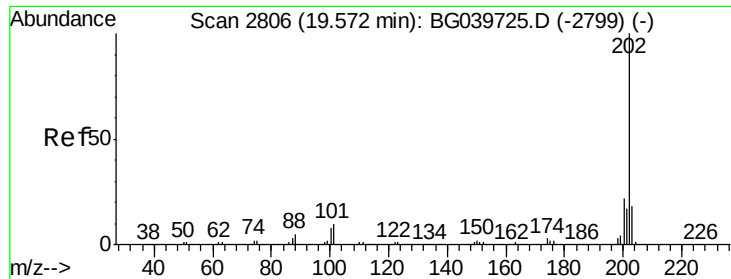
Sohil
 3/6/2019 12:01:15 PM



#74
 Di-n-butylphthalate
 Concen: 38.092 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 35.407 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

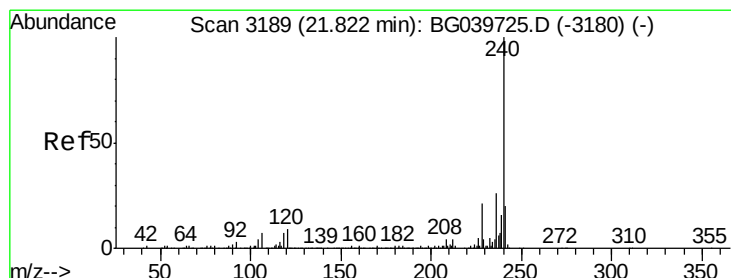
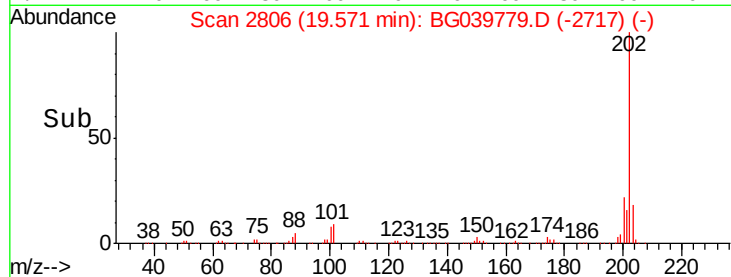
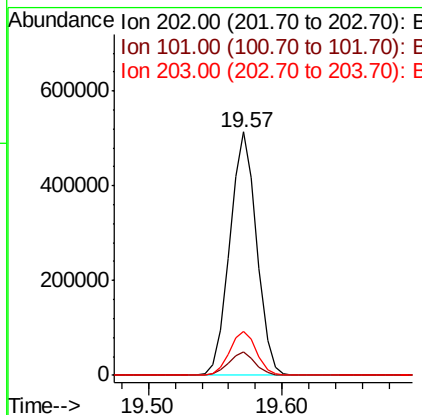
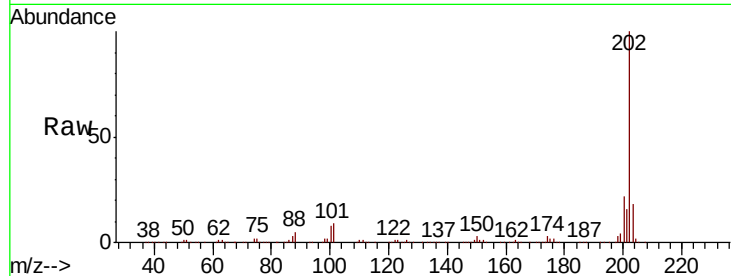
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	718976		
101	9.4	0.0	30.0	
203	18.2	0.0	38.9	

Manual Integrations
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Sohil
3/6/2019 12:01:15 PM



#76

Chrysene-d12

Concen: 20.000 ng

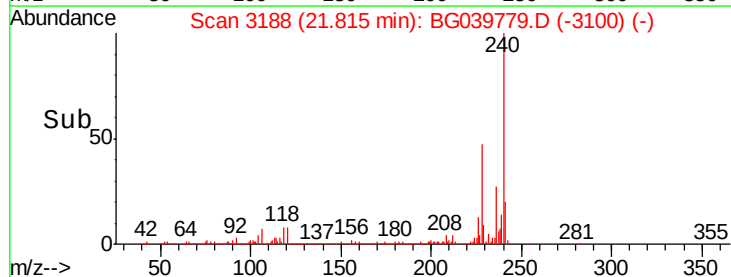
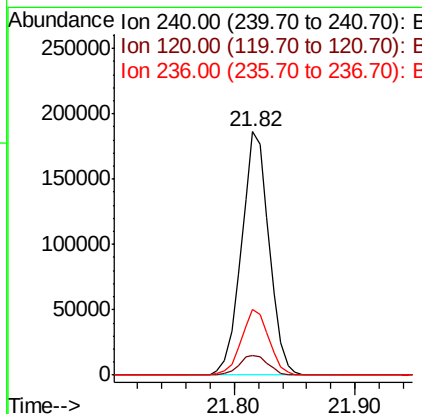
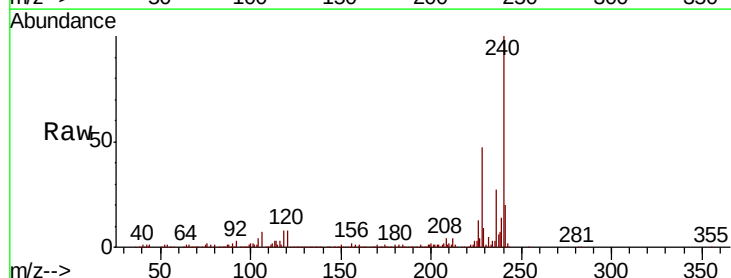
RT: 21.82 min Scan# 3188

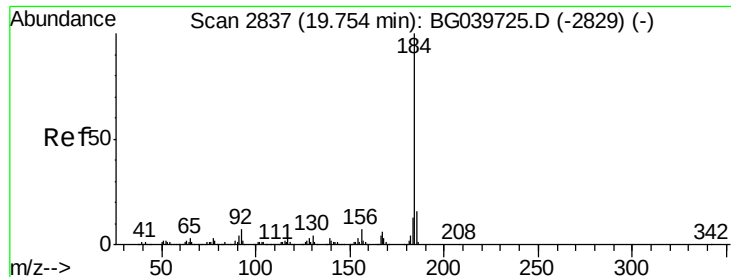
Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	296586		
120	8.1	7.0	10.6	
236	26.7	21.0	31.4	





#77

Benzidine

Concen: 19.185 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

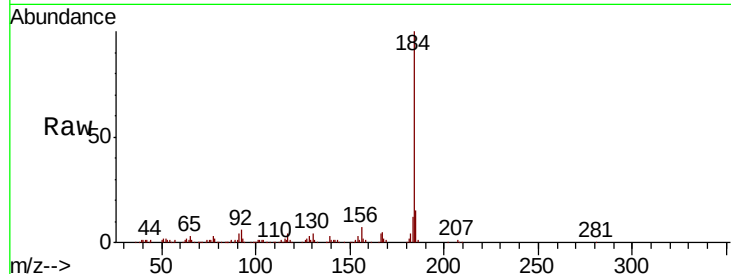
ClientSampleId :

PST-028-SW063-022719MSD

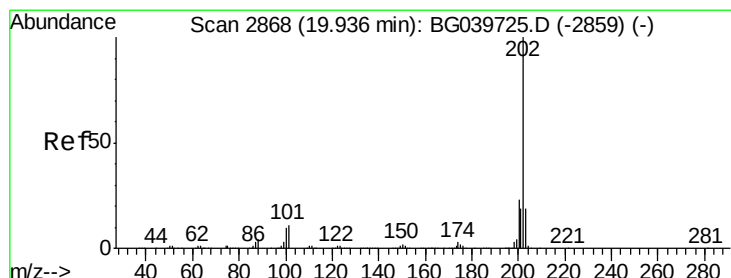
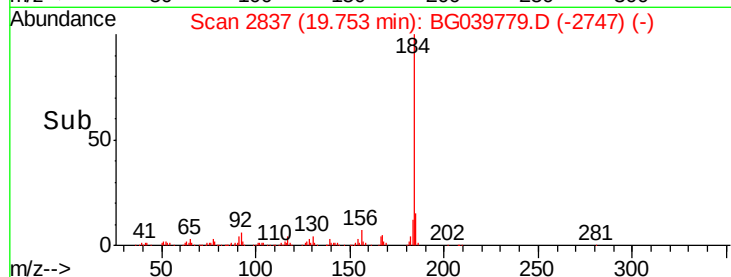
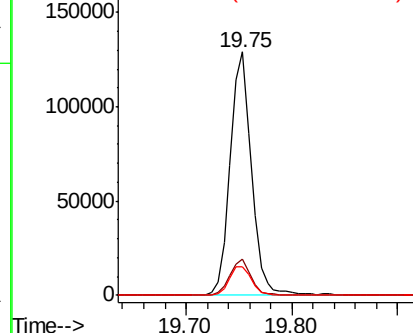
Tot Ion:	184	Resp:	180558
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	11.9	10.6	15.8

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: 37.750 ng

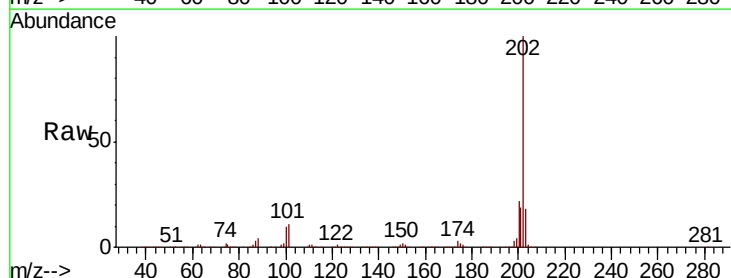
RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

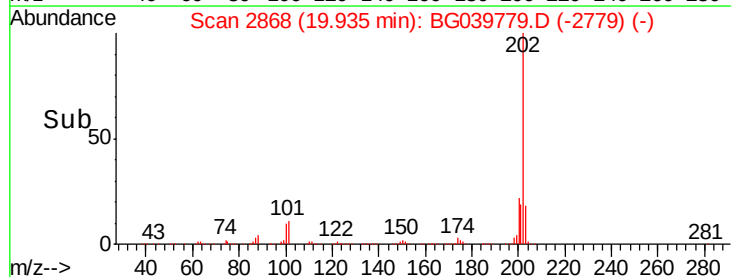
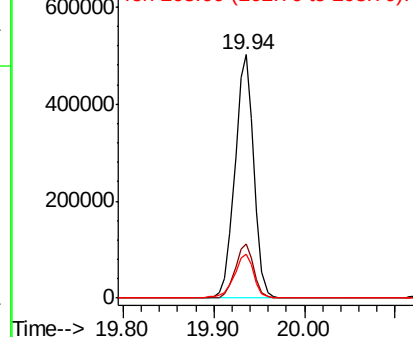
Lab File: BG039779.D

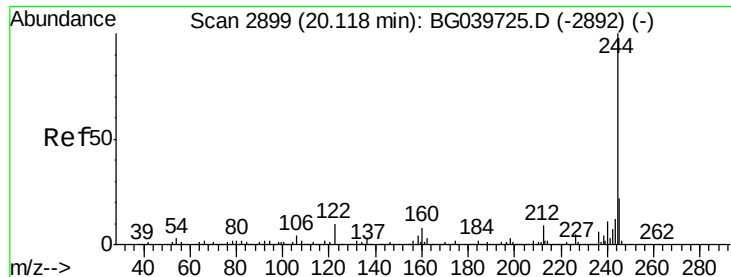
Acq: 6 Mar 2019 00:43

Tgt Ion:	202	Resp:	727533
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.8
203	17.9	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: 75.036 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:244 Resp: 1010745

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

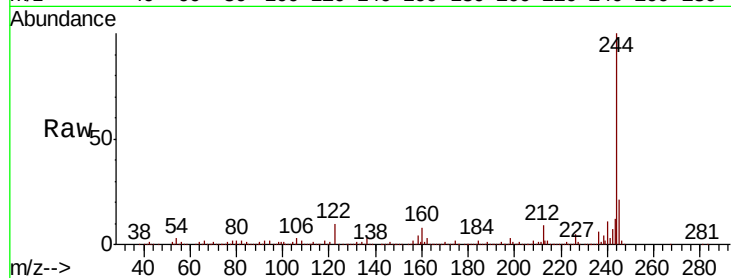
122 9.7 8.4 12.6

Manual Integrations

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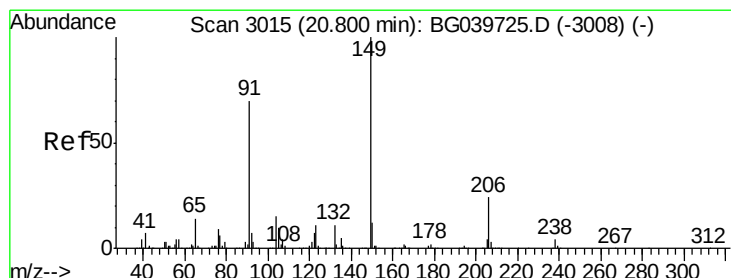
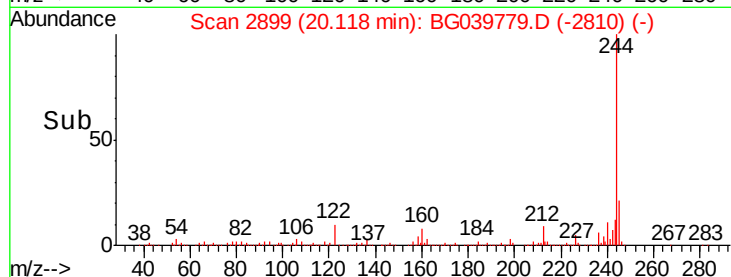
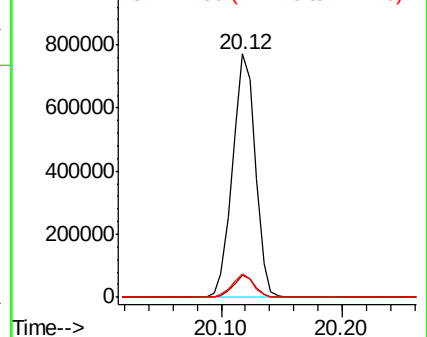


Abundance

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: 40.066 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

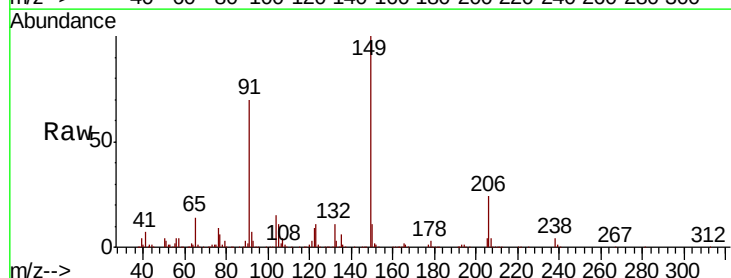
Tgt Ion:149 Resp: 299156

Ion Ratio Lower Upper

149 100

91 70.0 59.5 89.3

206 23.6 18.6 27.8

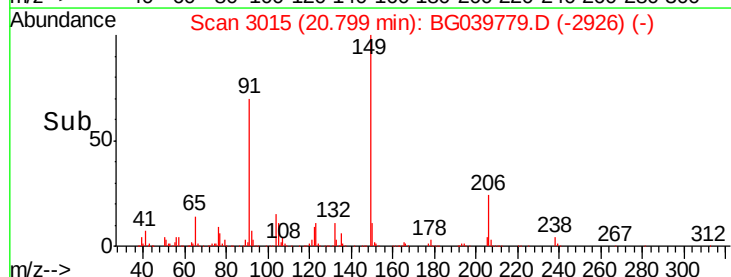
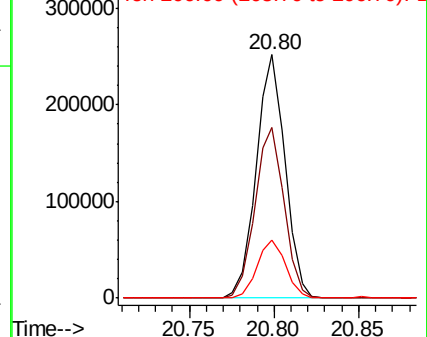


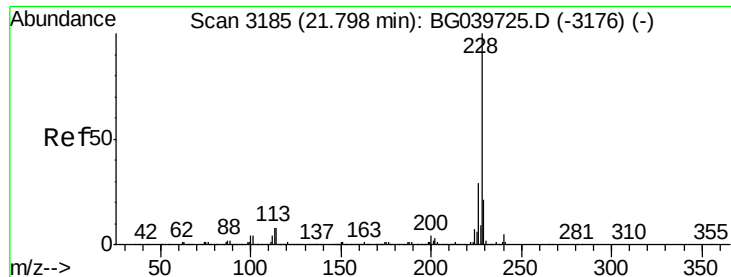
Abundance

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





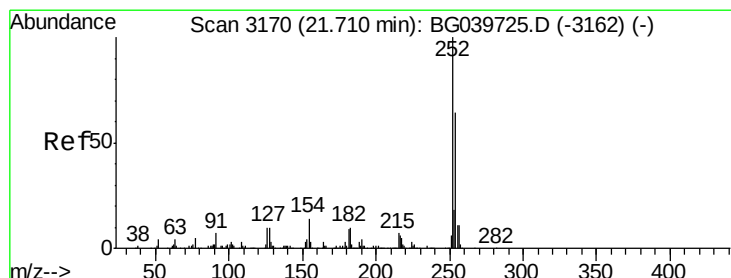
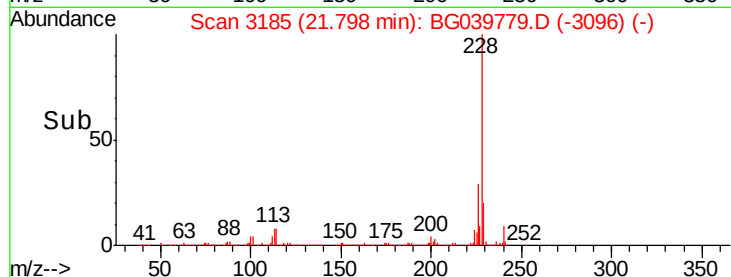
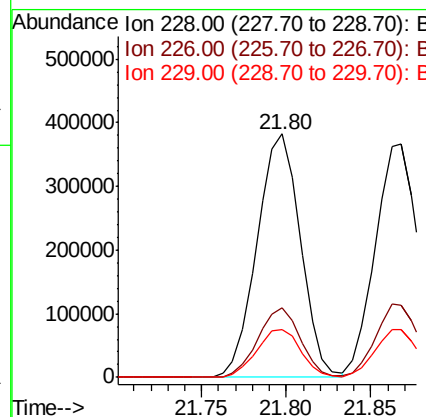
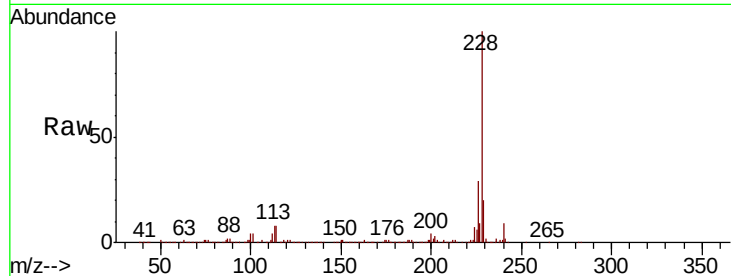
#81
Benzo(a)anthracene
Concen: 36.630 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.5	16.9	25.3

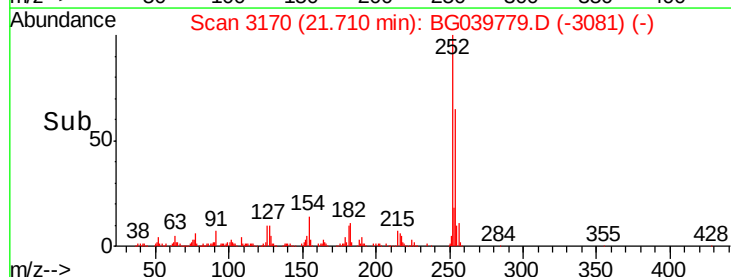
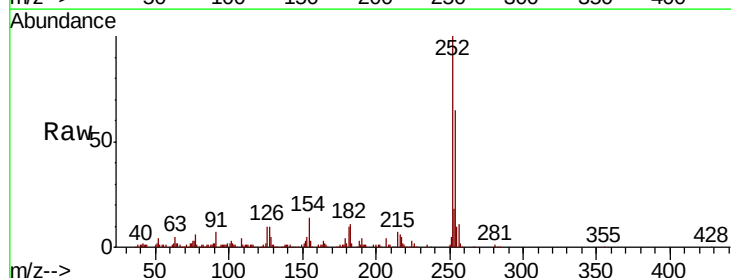
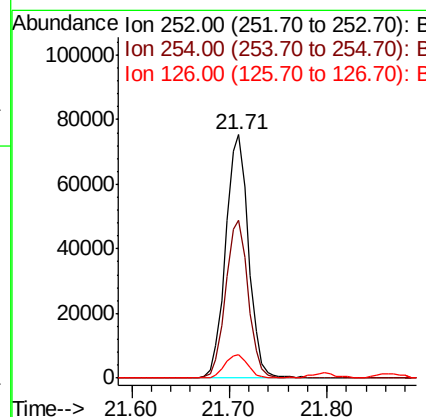
Manual Integrations
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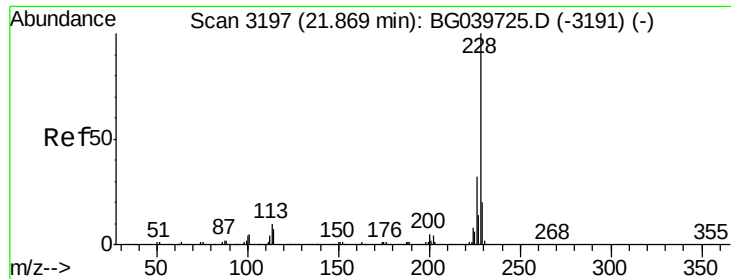
Sohil
3/6/2019 12:01:15 PM



#82
3,3'-Dichlorobenzidine
Concen: 18.040 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	9.9	8.0	12.0





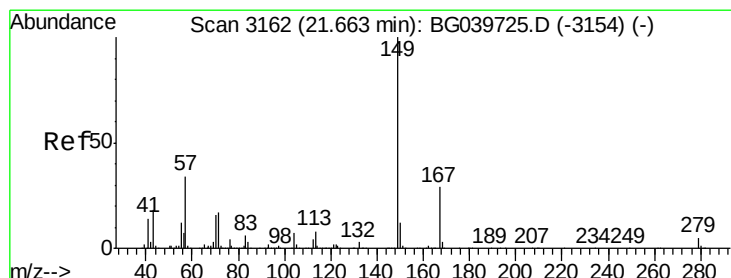
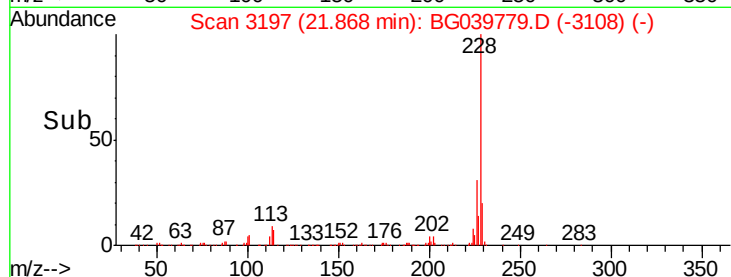
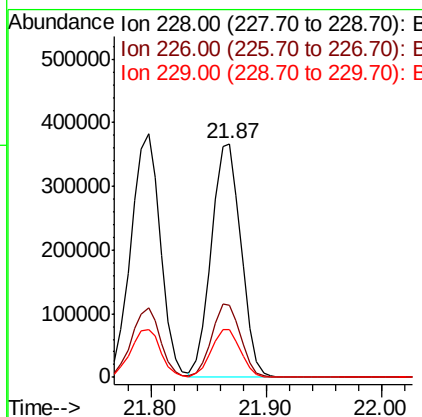
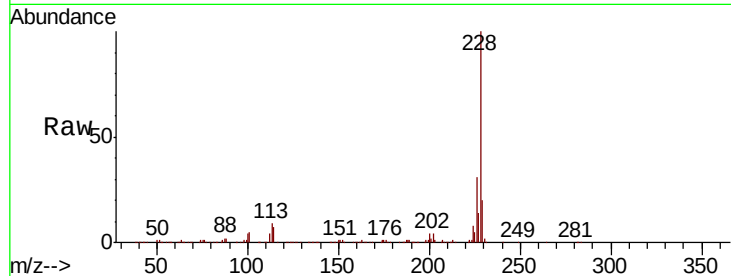
#83
 Chrysene
 Concen: 36.235 ng
 RT: 21.87 min Scan# 3197
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.8	38.6
229	20.2	16.6	25.0

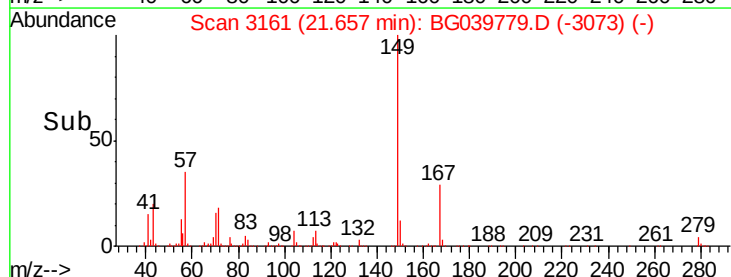
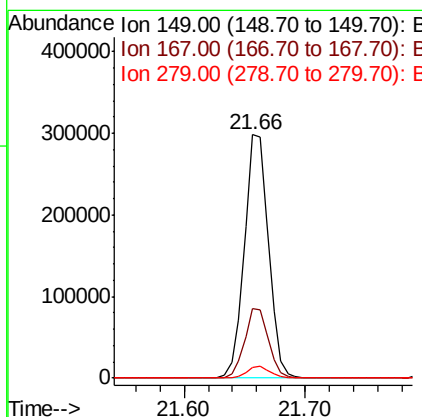
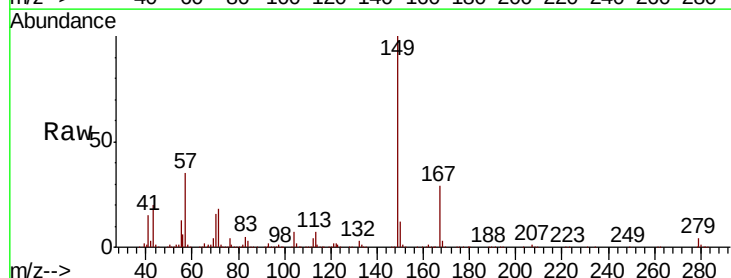
Manual Integrations
 APPROVED

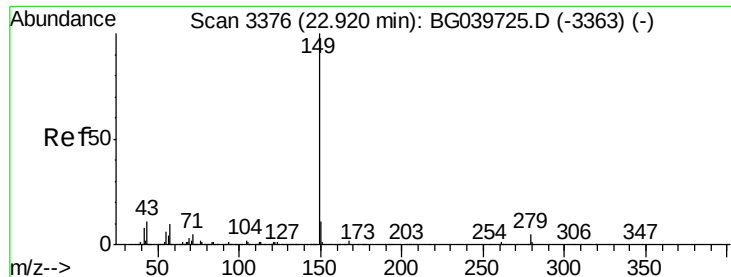
Sohil
 3/6/2019 12:01:15 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.708 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039779.D
 Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.4	3.5	5.3





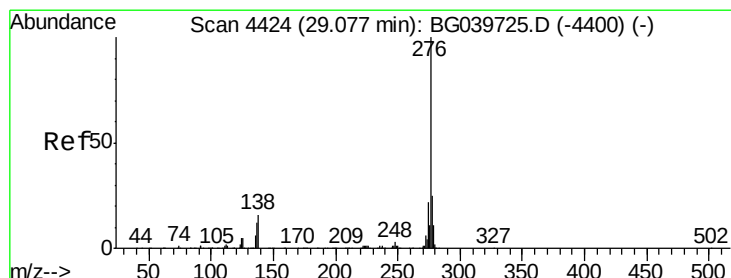
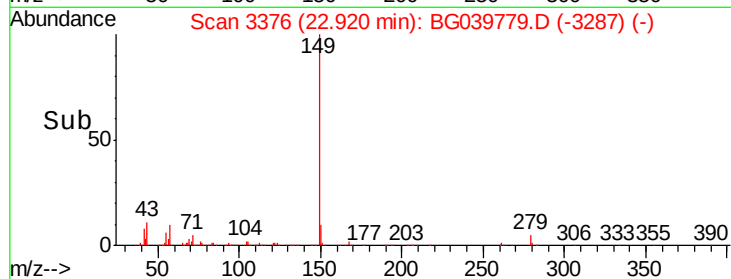
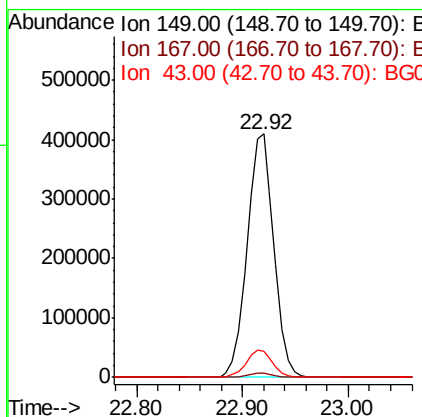
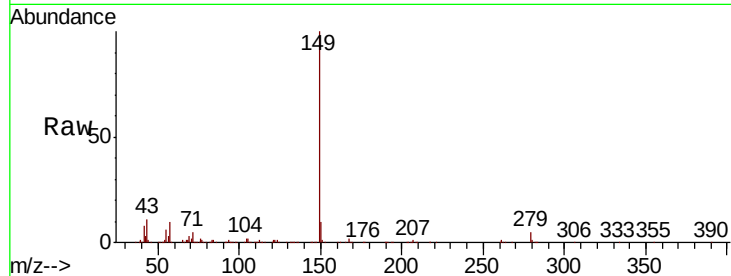
#85
Di-n-octyl phthalate
Concen: 41.303 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	717565		
167	1.6		1.3	1.9
43	11.1		10.2	15.4

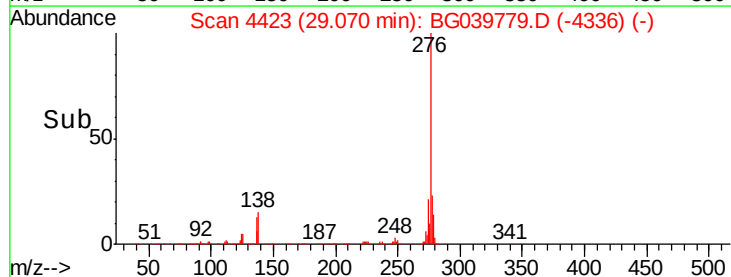
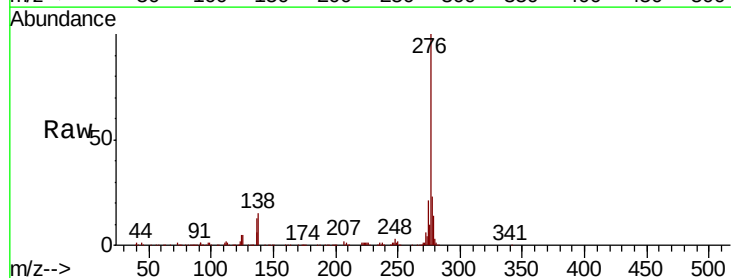
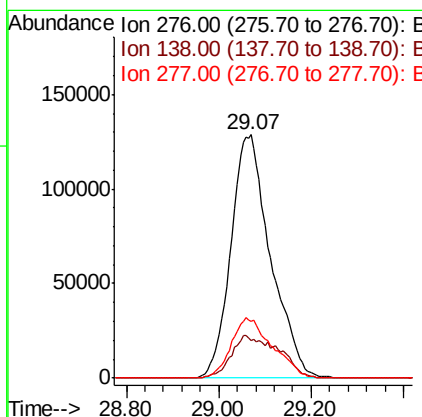
Manual Integrations
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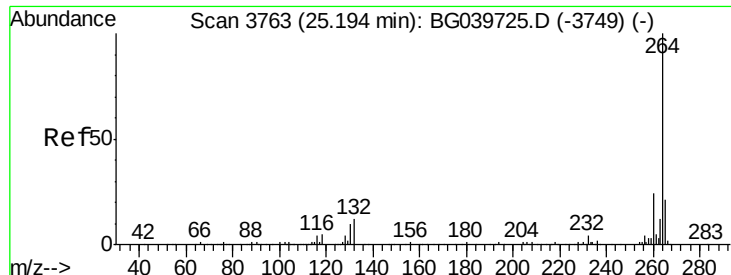
Sohil
3/6/2019 12:01:15 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.507 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	766761		
138	21.0		12.6	19.0#
277	25.8		20.8	31.2





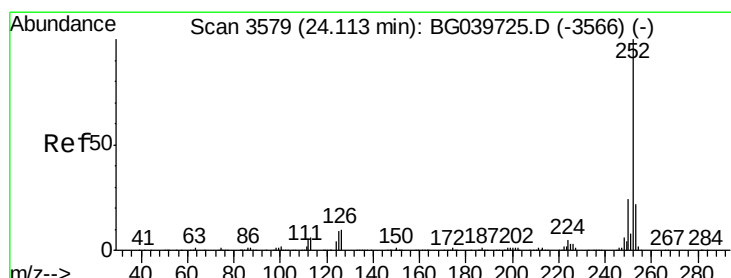
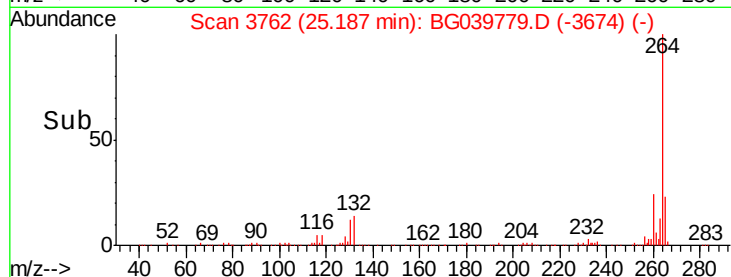
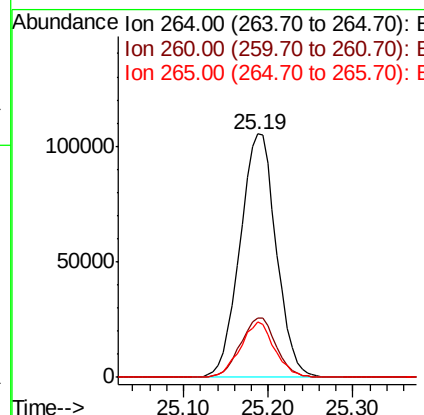
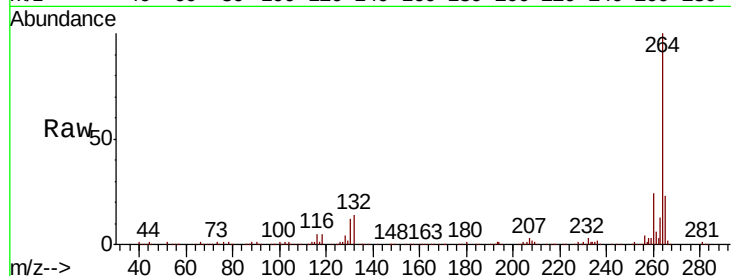
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	22.8	18.5	27.7

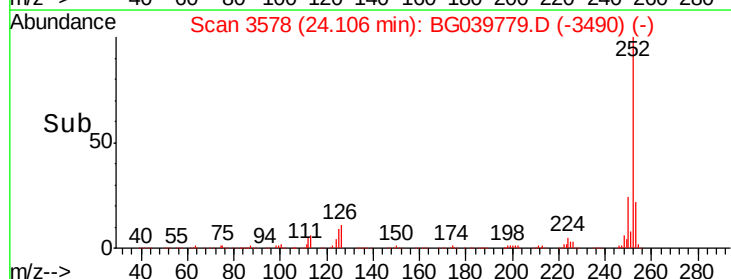
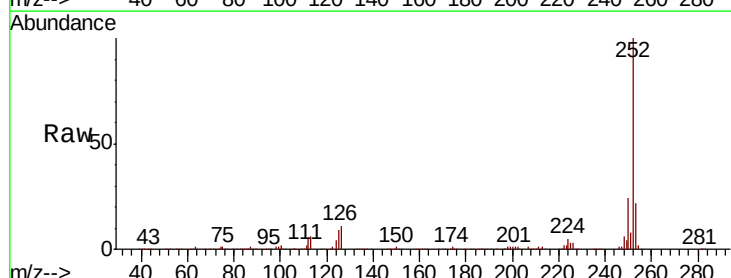
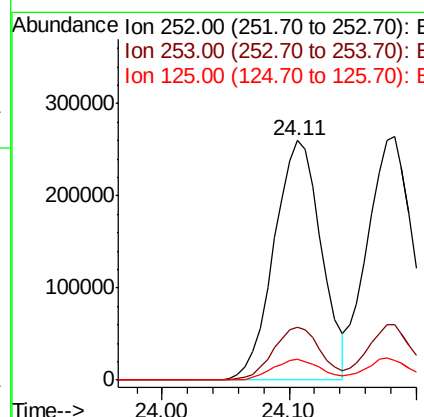
Manual Integrations
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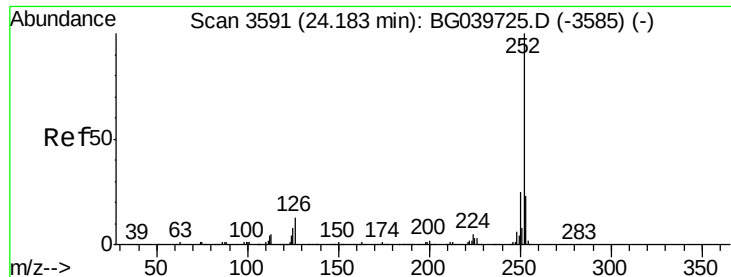
Sohil
3/6/2019 12:01:15 PM



#88
Benzo(b)fluoranthene
Concen: 36.014 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 37.851 ng

RT: 24.18 min Scan# 3591

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

Instrument :

BNA_G

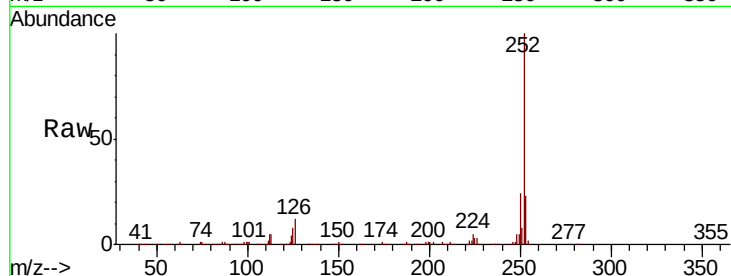
ClientSampleId :

PST-028-SW063-022719MSD

Tot Ion:	252	Resp:	656518
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	8.0	7.4	11.2

Manual Integrations
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Sohil
3/6/2019 12:01:15 PM

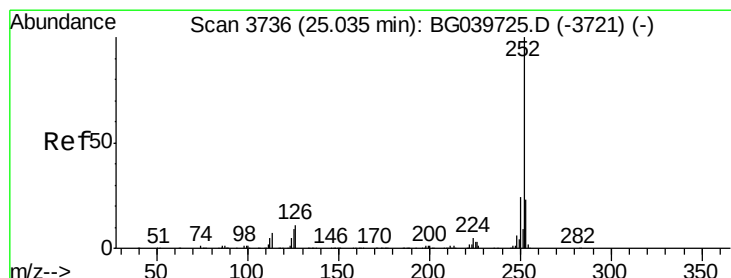
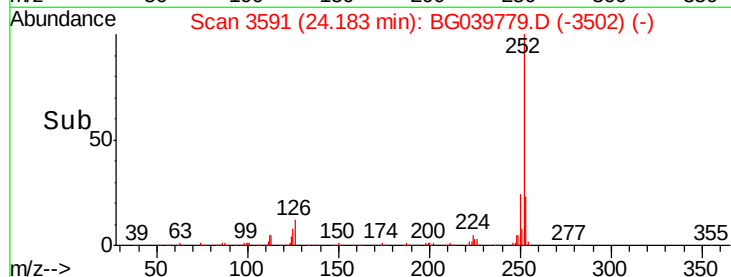
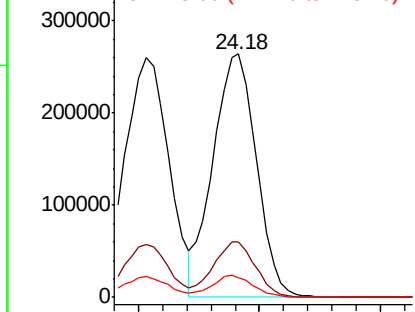


Abundance

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: 38.129 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039779.D

Acq: 6 Mar 2019 00:43

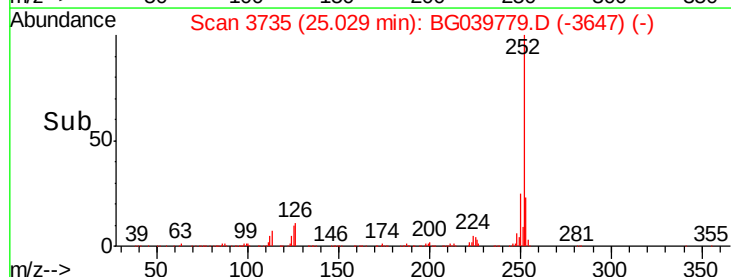
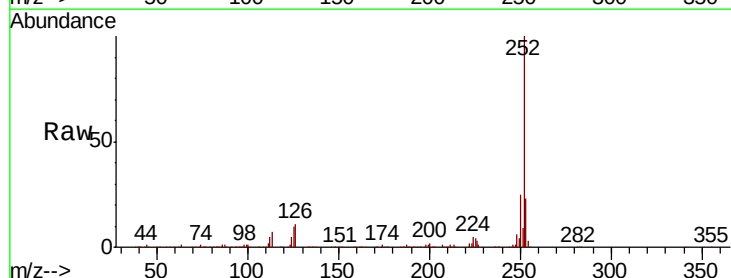
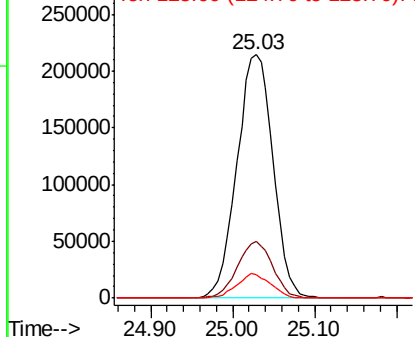
Tgt Ion:	252	Resp:	656514
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	9.8	8.3	12.5

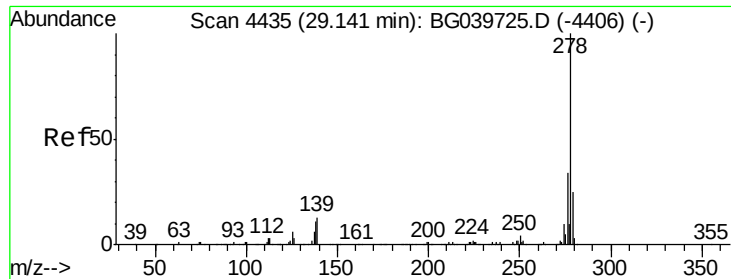
Abundance

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





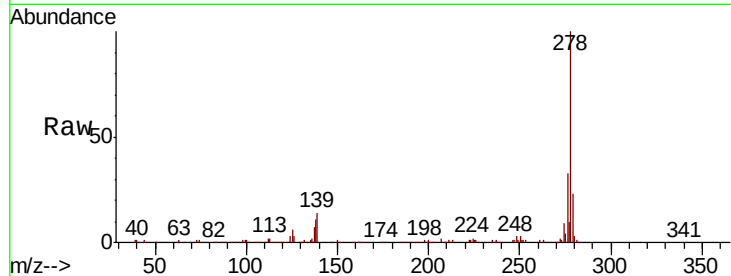
#91
Dibenzo(a,h)anthracene
Concen: 37.495 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Instrument :
BNA_G
ClientSampleId :
PST-028-SW063-022719MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.7	17.5
279	23.1	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/6/2019 12:01:15 PM

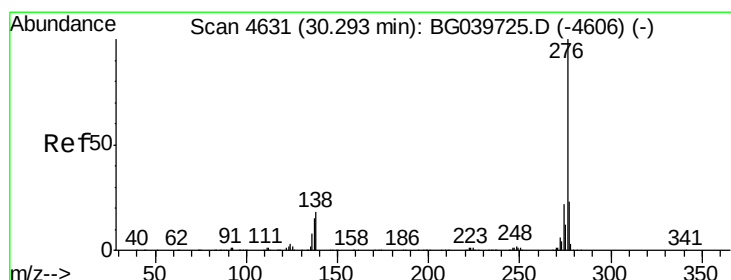
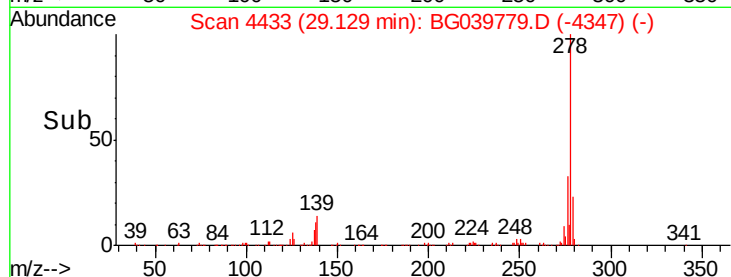
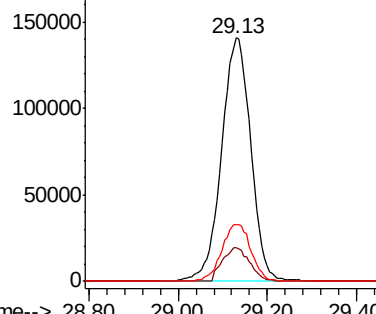


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.658 ng
RT: 30.30 min Scan# 4632
Delta R.T. -0.01 min
Lab File: BG039779.D
Acq: 6 Mar 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.6	29.4
138	17.4	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

