

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039844.D
 Acq On : 11 Mar 2019 16:32
 Operator : JU/SJ
 Sample : K1807-31MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13MSD

Manual Integrations
 APPROVED

Sohil

3/12/2019 4:42:27 PM

Quant Time: Mar 12 04:01:38 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	47688	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	210647	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	151273	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	373468	20.00	ng	0.00
76) Chrysene-d12	21.82	240	361787	20.00	ng	0.00
87) Perylene-d12	25.19	264	374091	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	357991	128.07	ng	0.00
7) Phenol-d6	7.30	99	534686	128.29	ng	0.00
23) Nitrobenzene-d5	9.34	82	301771	77.48	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	219630	124.56	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	706351	66.48	ng	-0.02
79) Terphenyl-d14	20.12	244	1139308	69.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	40039	31.026	ng	99
3) Pyridine	3.99	79	71438	20.677	ng	99
4) n-Nitrosodimethylamine	3.91	42	60908	37.162	ng	# 85
6) Aniline	7.48	93	76605	14.029	ng	96
8) 2-Chlorophenol	7.71	128	129636	38.227	ng	96
9) Benzaldehyde	7.30	77	70940	26.386	ng	99
10) Phenol	7.33	94	194406	43.056	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	125774	35.727	ng	97
12) 1,3-Dichlorobenzene	8.04	146	132532	34.555	ng	96
13) 1,4-Dichlorobenzene	8.19	146	134283	34.373	ng	98
14) 1,2-Dichlorobenzene	8.51	146	129926	34.421	ng	99
15) Benzyl Alcohol	8.39	79	128525	38.874	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	244456	34.720	ng	97
17) 2-Methylphenol	8.59	107	119319	41.443	ng	95
18) Hexachloroethane	9.24	117	47122	33.616	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	105977	35.326	ng	94
20) 3+4-Methylphenols	8.91	107	164211	41.056	ng	96
22) Acetophenone	8.98	105	201473	35.636	ng	# 96
24) Nitrobenzene	9.38	77	152374	37.292	ng	94
25) Isophorone	9.89	82	304695	37.336	ng	98
26) 2-Nitrophenol	10.09	139	76999	39.031	ng	97
27) 2,4-Dimethylphenol	10.13	122	139875	45.589	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	184769	37.256	ng	100
29) 2,4-Dichlorophenol	10.62	162	146683	42.462	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	144009	37.047	ng	97
31) Naphthalene	11.03	128	410029	36.764	ng	98
32) Benzoic acid	10.25	122	50116	27.118	ng	97
33) 4-Chloroaniline	11.14	127	47061	9.951	ng	95
34) Hexachlorobutadiene	11.29	225	90531	34.082	ng	96
35) Caprolactam	11.91	113	54645m	41.411	ng	
36) 4-Chloro-3-methylphenol	12.24	107	168657	42.591	ng	97
37) 2-Methylnaphthalene	12.62	142	316146	37.915	ng	99
38) 1-Methylnaphthalene	12.84	142	303766	37.487	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	178418	34.815	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	201584	73.400	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	128377	42.788	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	139651	41.294	ng	96
46) 1,1'-Biphenyl	13.62	154	435225	34.980	ng	99
47) 2-Chloronaphthalene	13.67	162	339507	36.272	ng	98
48) 2-Nitroaniline	13.87	65	122421	40.698	ng	96
49) Acenaphthylene	14.51	152	553218	36.004	ng	100
50) Dimethylphthalate	14.23	163	539861	42.679	ng	99
51) 2,6-Dinitrotoluene	14.36	165	106255	39.624	ng	100
52) Acenaphthene	14.85	154	337978	36.546	ng	99
53) 3-Nitroaniline	14.69	138	42705	15.843	ng	# 95
54) 2,4-Dinitrophenol	14.90	184	103732	62.566	ng	98
55) Dibenzofuran	15.18	168	556047	36.647	ng	99
56) 4-Nitrophenol	14.99	139	187088	77.586	ng	91
57) 2,4-Dinitrotoluene	15.15	165	153651	40.778	ng	85
58) Fluorene	15.83	166	439909	36.880	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	140766	42.620	ng	97
60) Diethylphthalate	15.58	149	479972	38.331	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	233608	36.701	ng	98
62) 4-Nitroaniline	15.86	138	111555	38.174	ng	94
63) Azobenzene	16.10	77	423646	37.323	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	85202	38.584	ng	98
66) n-Nitrosodiphenylamine	16.03	169	413434	38.238	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	157349	37.640	ng	95
68) Hexachlorobenzene	16.82	284	158011	36.465	ng	96
69) Atrazine	16.97	200	166638	39.161	ng	95
70) Pentachlorophenol	17.17	266	203058	74.199	ng	99
71) Phenanthrene	17.57	178	744990	36.215	ng	99
72) Anthracene	17.66	178	757651	37.795	ng	99
73) Carbazole	17.93	167	673187	37.250	ng	99
74) Di-n-butylphthalate	18.46	149	791191	37.210	ng	100
75) Fluoranthene	19.57	202	852500	35.066	ng	98
77) Benzidine	19.75	184	68862	5.998	ng	98
78) Pyrene	19.93	202	853021	36.285	ng	99
80) Butylbenzylphthalate	20.80	149	364922	40.066	ng	97
81) Benzo(a)anthracene	21.80	228	820345	36.180	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	108644	13.124	ng	98
83) Chrysene	21.87	228	790660	35.968	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	514415	40.192	ng	99
85) Di-n-octyl phthalate	22.91	149	872178	41.156	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	942086	37.778	ng	97
88) Benzo(b)fluoranthene	24.10	252	821902	36.844	ng	99
89) Benzo(k)fluoranthene	24.17	252	789972	38.043	ng	98
90) Benzo(a)pyrene	25.03	252	809198	39.255	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	771772	38.190	ng	99
92) Benzo(g,h,i)perylene	30.29	276	781953	38.527	ng	99

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

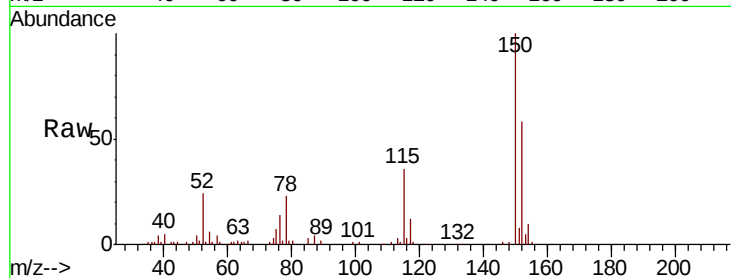
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	171.0	123.7	185.5
115	61.7	45.9	68.9

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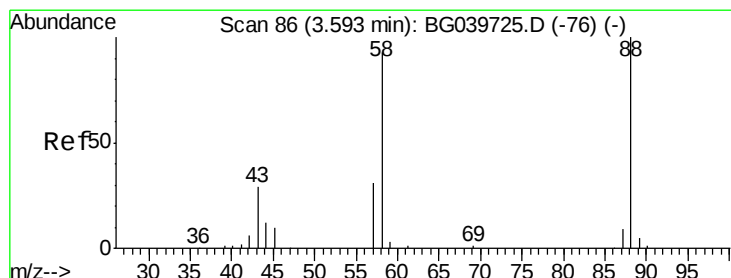
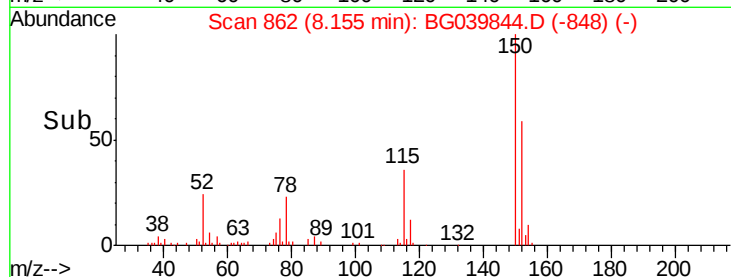
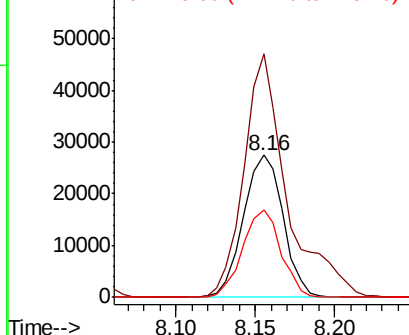


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

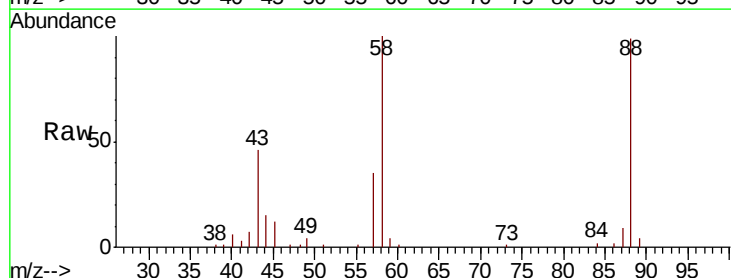
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.026 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.8	81.1	121.7
43	38.7	31.4	47.0

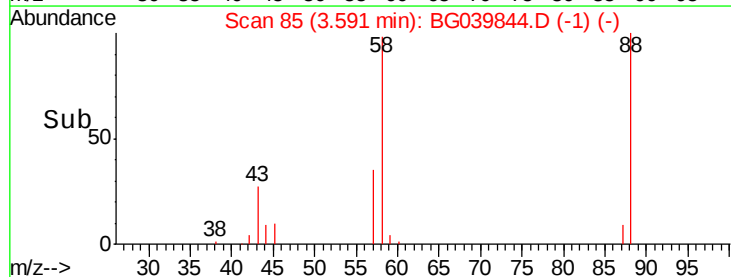
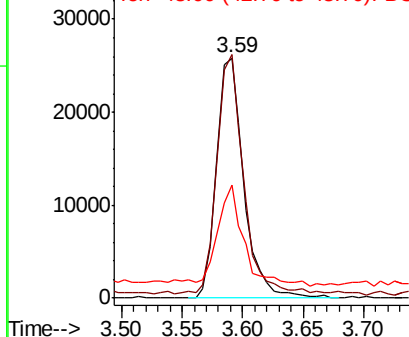


Abundance

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: 20.677 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

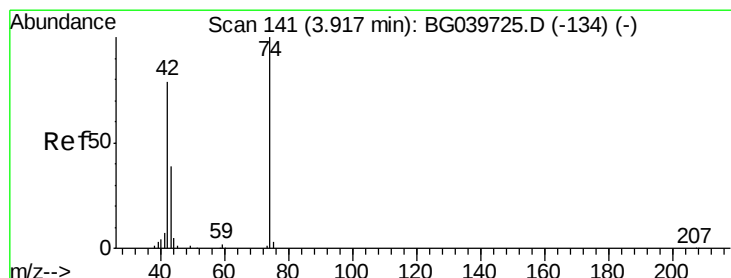
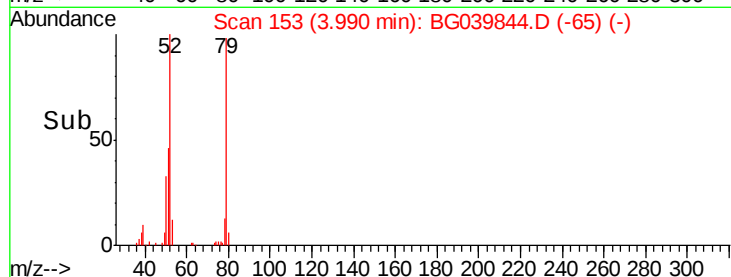
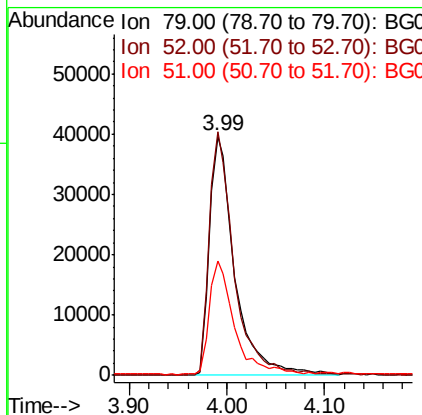
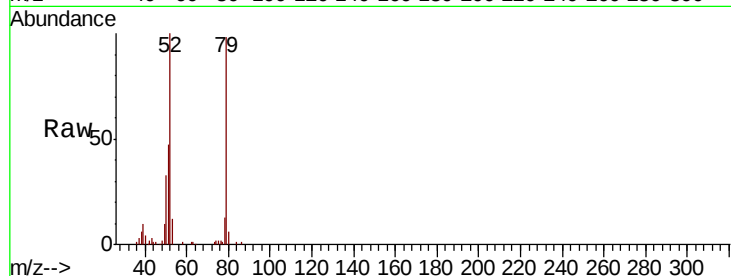
TP-13MSD

Tot Ion:	79	Resp:	71438
Ion	Ratio	Lower	Upper
79	100		
52	101.9	82.6	124.0
51	48.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 37.162 ng

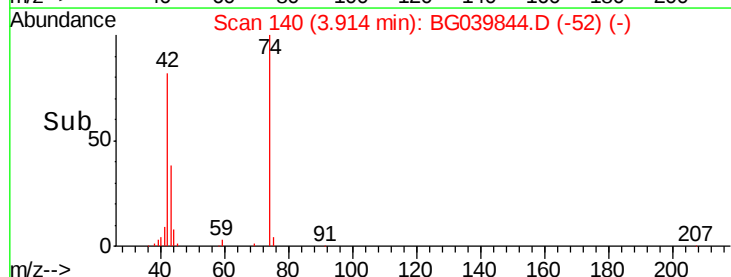
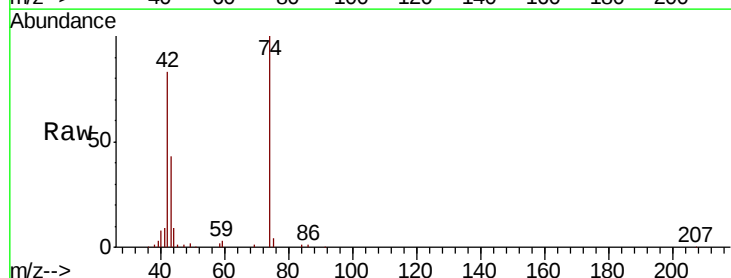
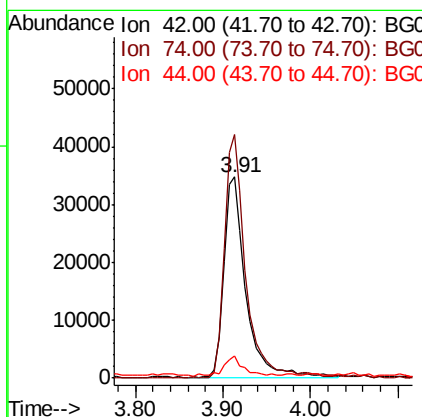
RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	42	Resp:	60908
Ion	Ratio	Lower	Upper
42	100		
74	121.1	83.6	125.4
44	11.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 128.069 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

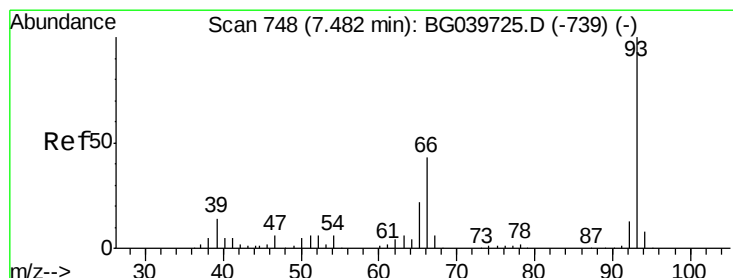
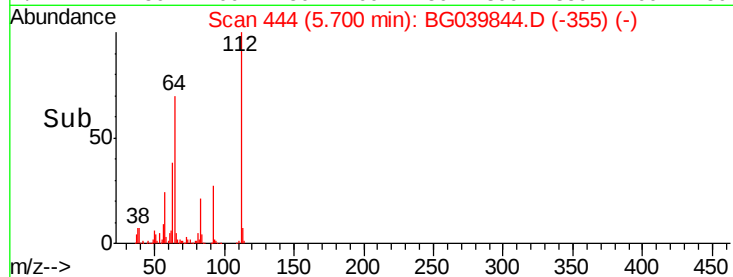
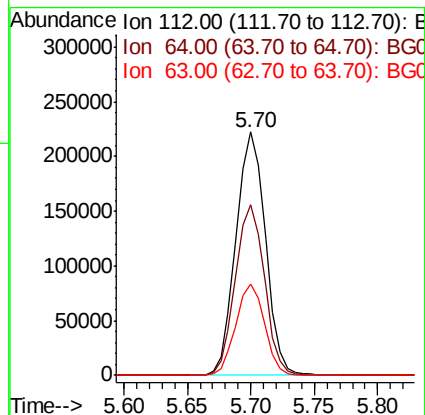
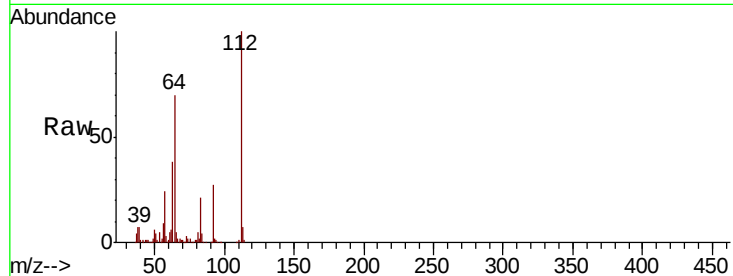
TP-13MSD

Tot Ion:	112	Resp:	357991
Ion Ratio	Lower	Upper	
112	100		
64	70.2	57.8	86.8
63	37.5	29.8	44.6

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#6

Aniline

Concen: 14.029 ng

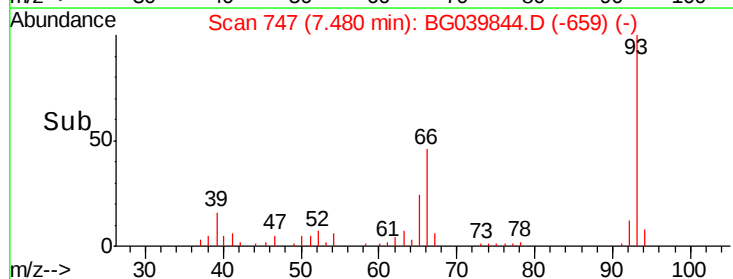
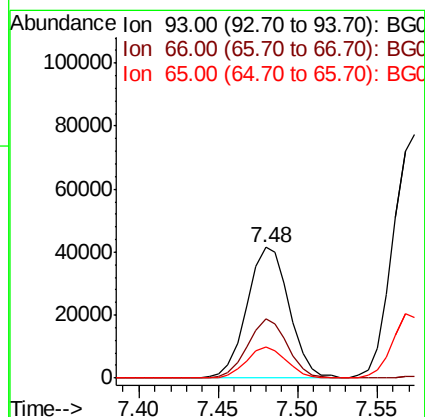
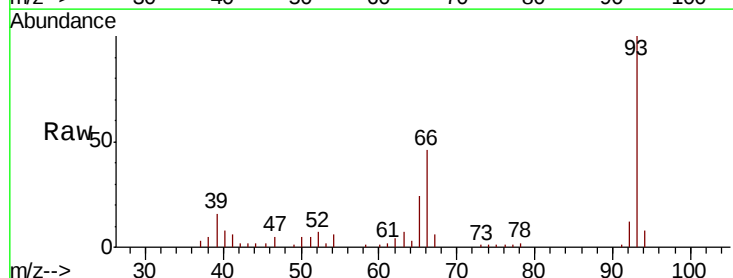
RT: 7.48 min Scan# 747

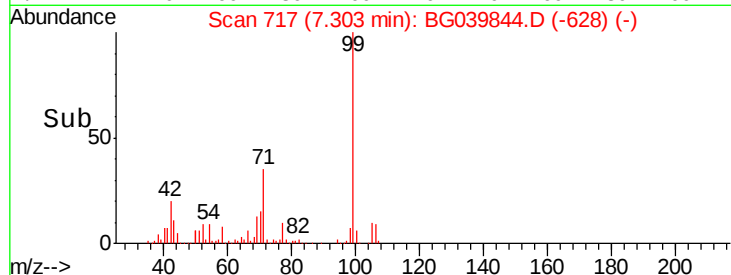
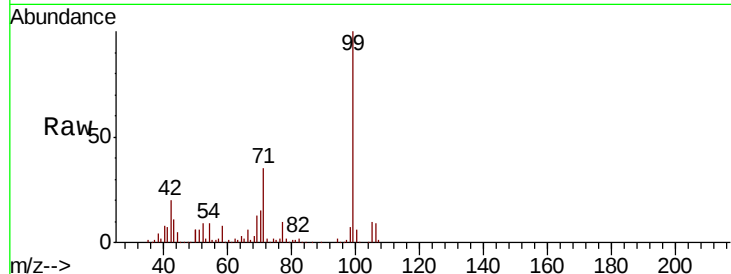
Delta R.T. -0.02 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	93	Resp:	76605
Ion Ratio	Lower	Upper	
93	100		
66	45.8	34.2	51.4
65	23.6	17.7	26.5





#7

Phenol-d6

Concen: 128.285 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tot Ion:	99	Resp:	534686
Ion Ratio	Lower	Upper	
99	100		
42	20.3	18.2	27.2
71	35.0	28.0	42.0

Instrument :

BNA_G

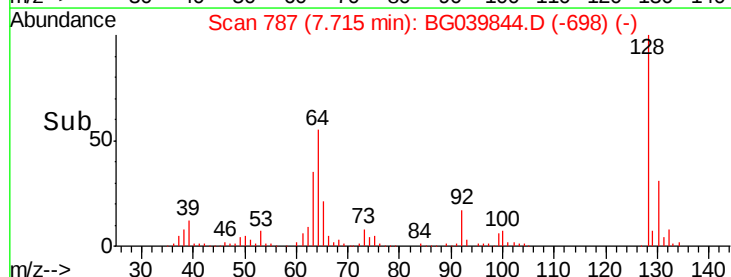
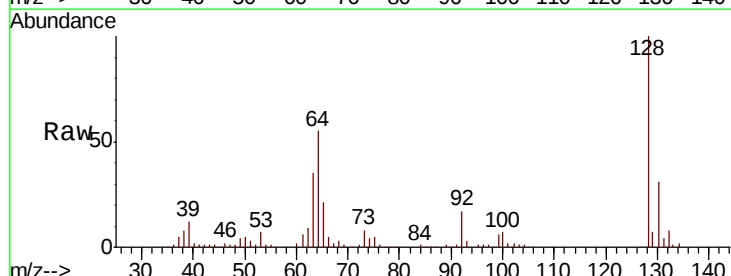
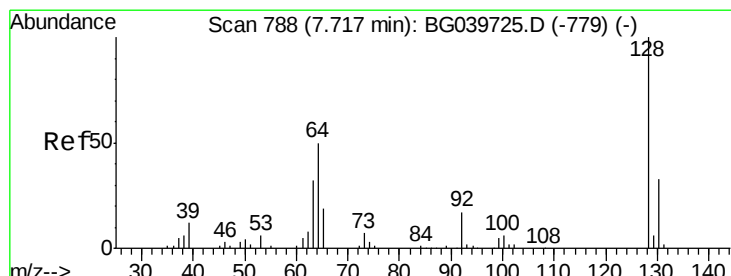
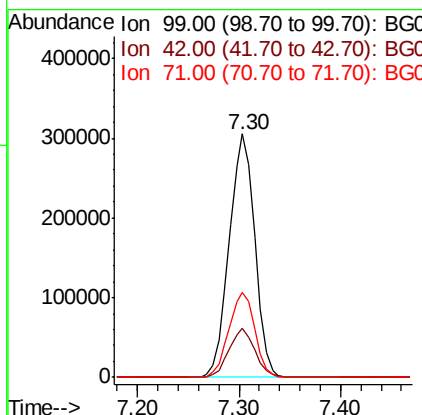
ClientSampleId :

TP-13MSD

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#8

2-Chlorophenol

Concen: 38.227 ng

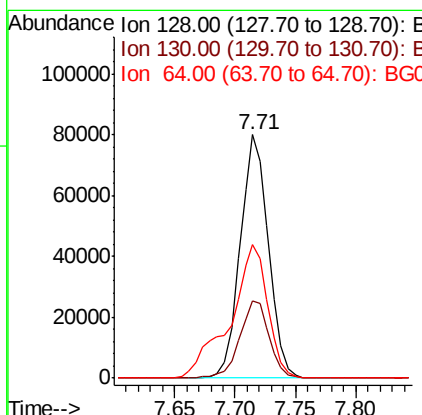
RT: 7.71 min Scan# 787

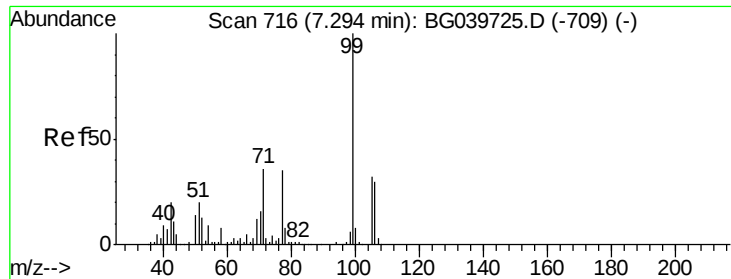
Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	128	Resp:	129636
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.9	52.9
64	55.1	38.7	78.7





#9

Benzaldehyde

Concen: 26.386 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampled :

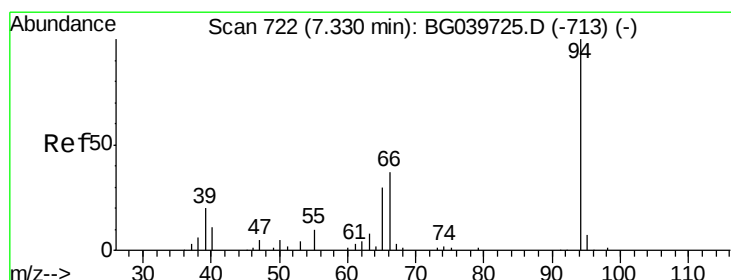
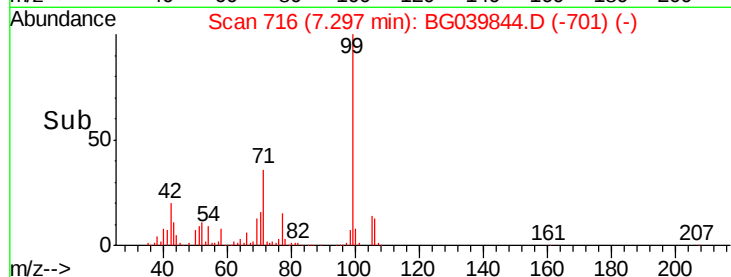
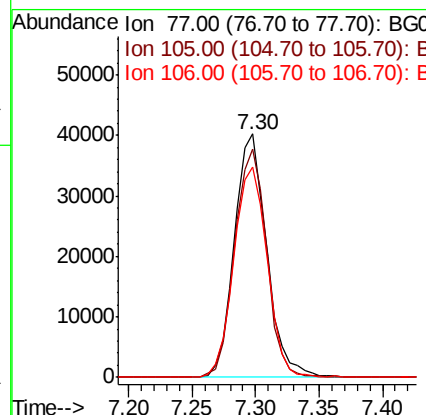
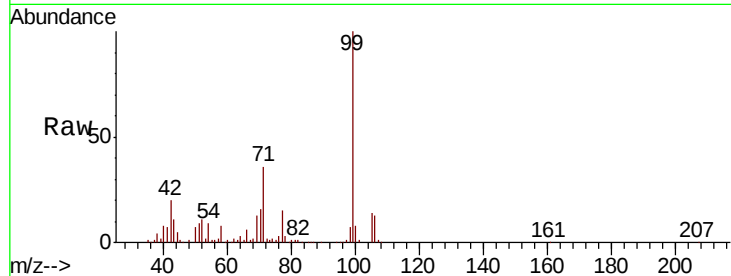
TP-13MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	94.0		74.5	114.5
106	86.4		68.0	108.0

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#10

Phenol

Concen: 43.056 ng

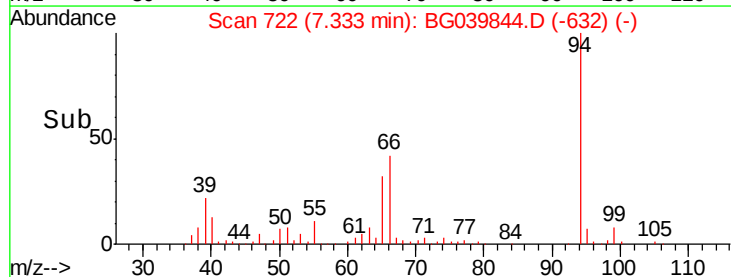
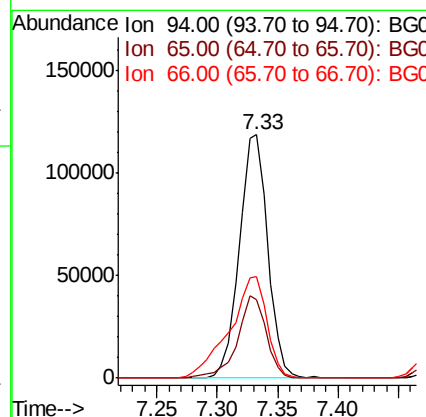
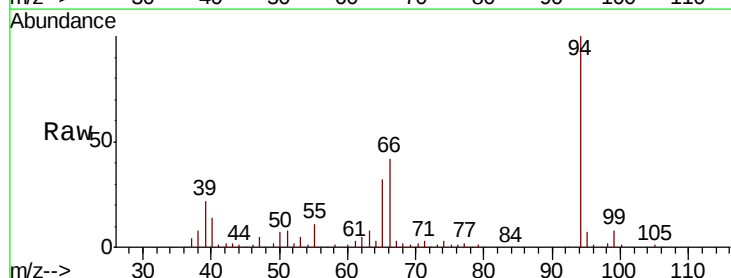
RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.4		11.7	51.7
66	41.6		23.7	63.7





#11
bis(2-Chloroethyl)ether
Concen: 35.727 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

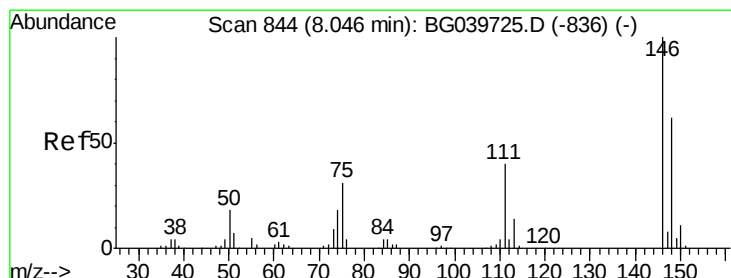
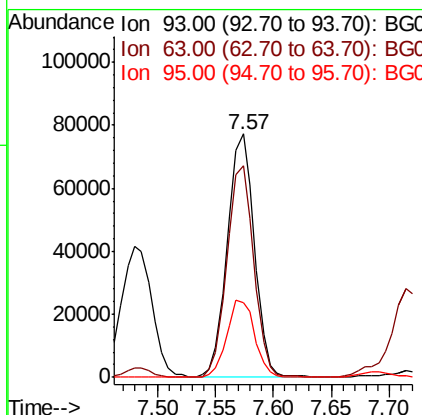
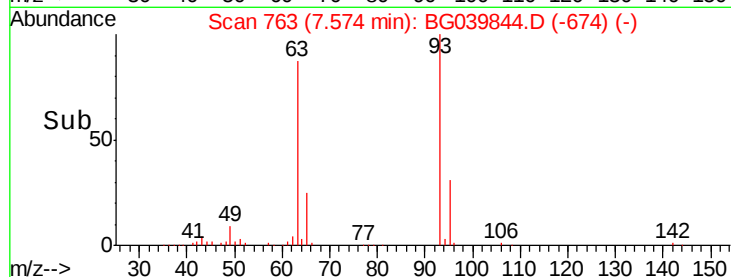
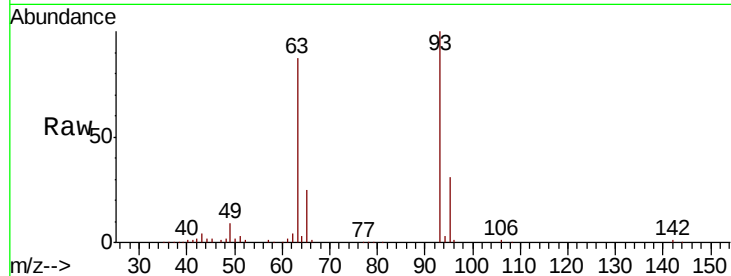
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion:	93	Resp:	125774
Ion	Ratio	Lower	Upper
93	100		
63	87.0	69.5	109.5
95	30.8	12.7	52.7

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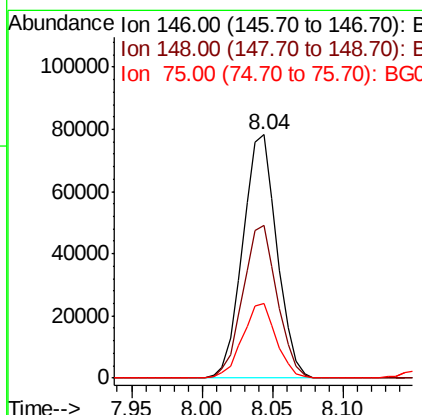
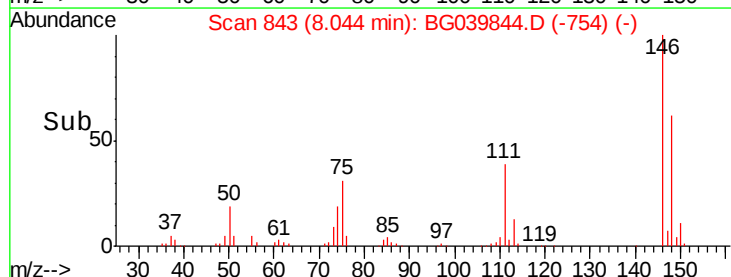
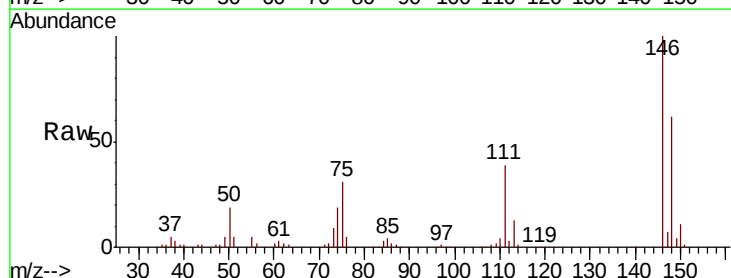
Sohil

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#12
1,3-Dichlorobenzene
Concen: 34.555 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion:	146	Resp:	132532
Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.6	79.0
75	30.6	25.8	38.6





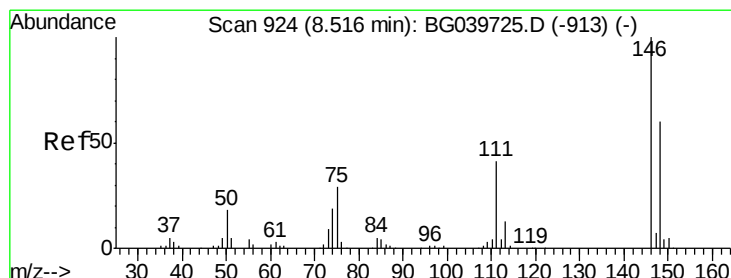
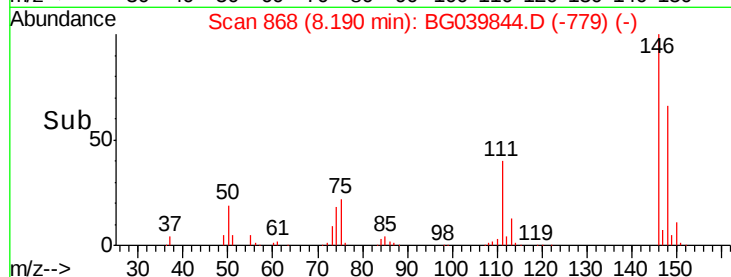
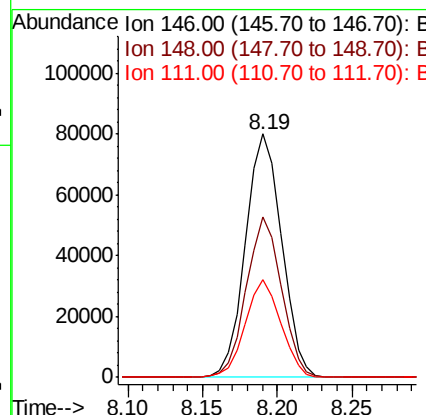
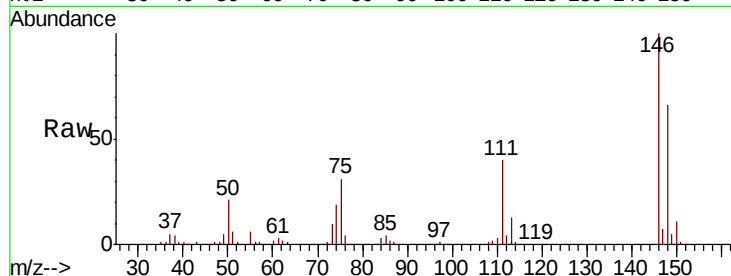
#13
 1,4-Dichlorobenzene
 Concen: 34.373 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Instrument :
 BNA_G
 ClientSampled :
 TP-13MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	40.4	32.6	48.8

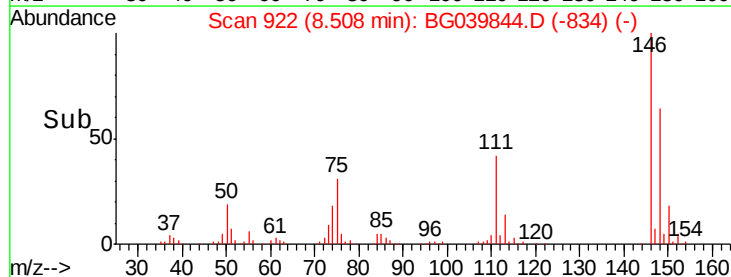
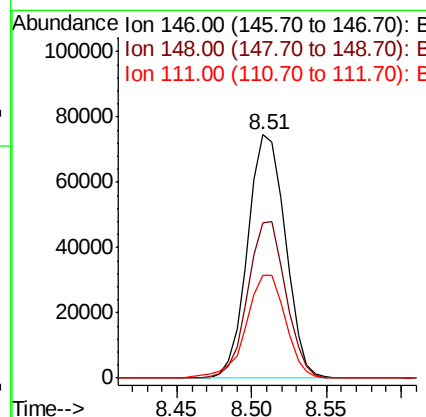
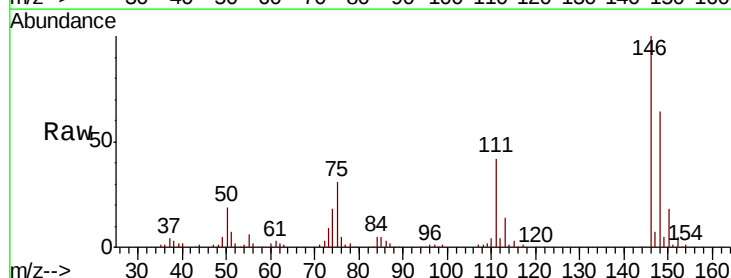
Manual Integrations
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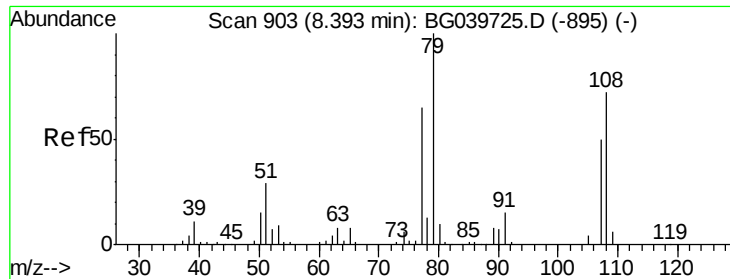
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 34.421 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.5	77.3
111	42.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.874 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampled :

TP-13MSD

Tot Ion: 79 Resp: 128525
Ion Ratio Lower Upper

79 100

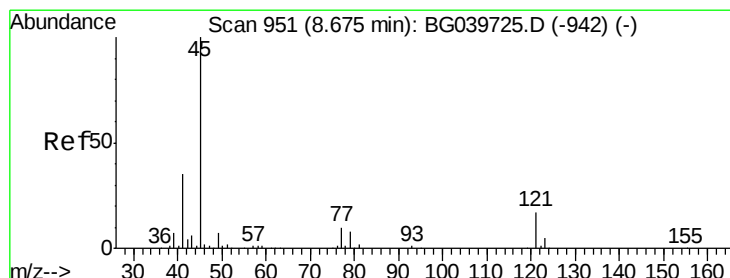
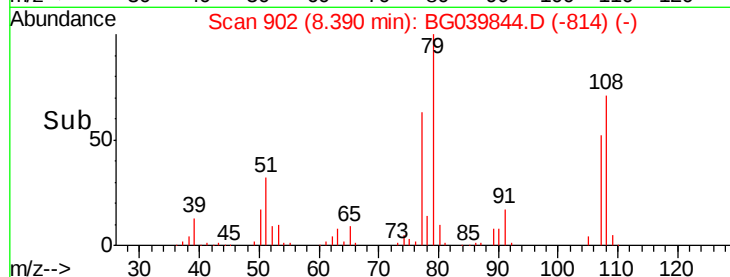
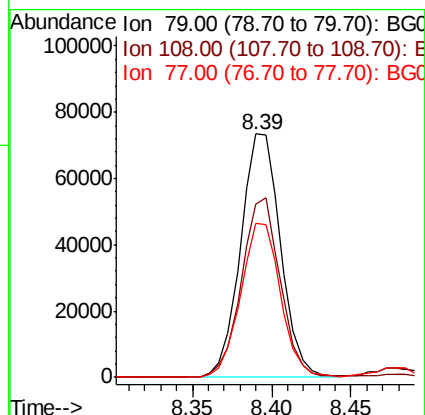
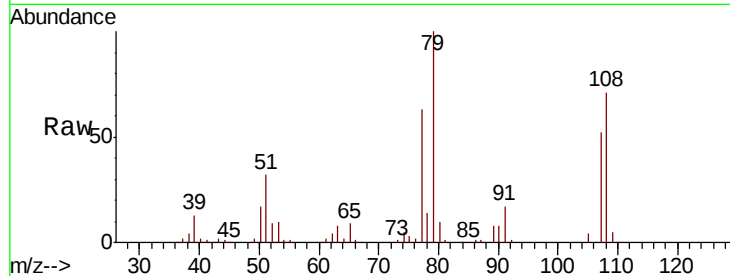
108 71.1 57.8 86.6

77 63.2 51.1 76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.720 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039844.D

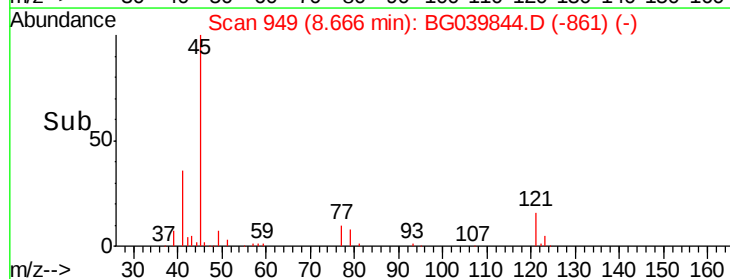
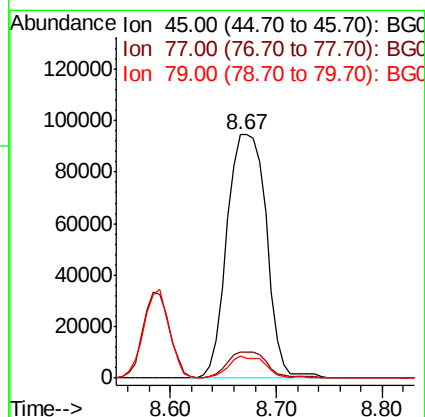
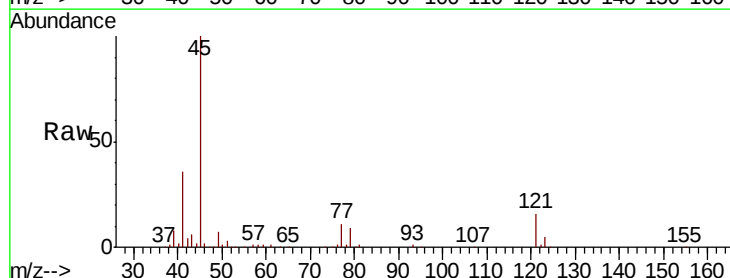
Acq: 11 Mar 2019 16:32

Tgt Ion: 45 Resp: 244456
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.0

79 8.9 0.0 27.5





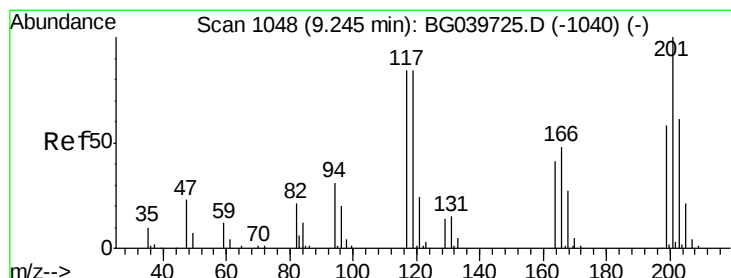
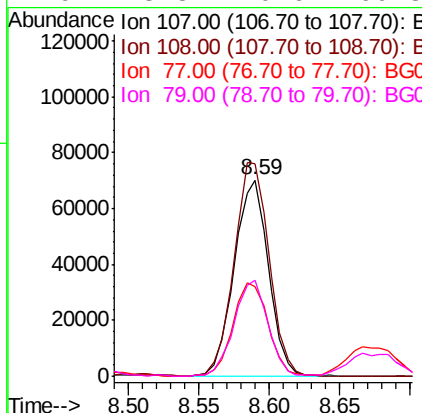
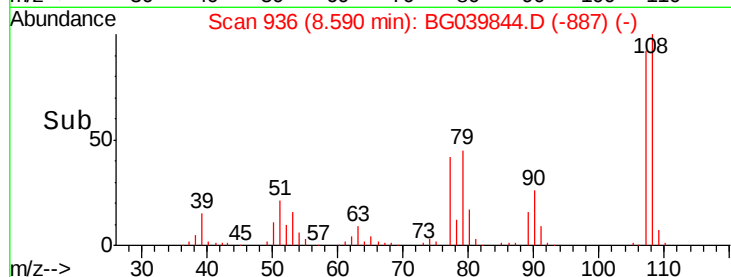
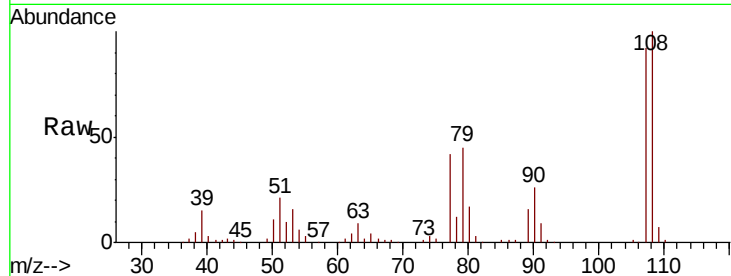
#17
2-Methylphenol
Concen: 41.443 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.3	90.8	136.2
77	46.0	40.7	61.1
79	48.8	40.6	60.8

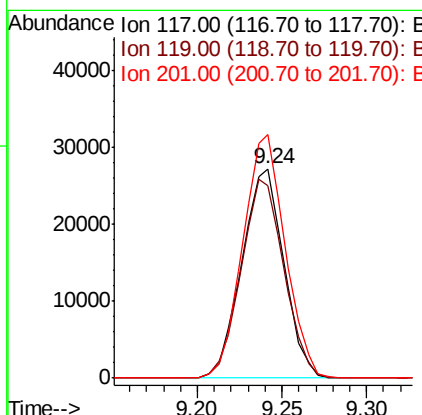
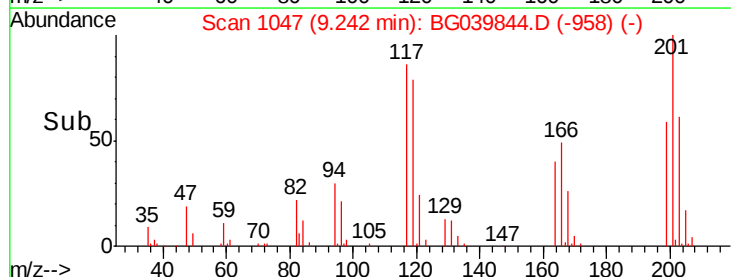
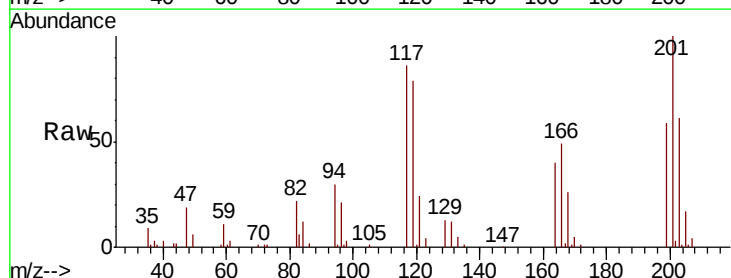
Manual Integrations
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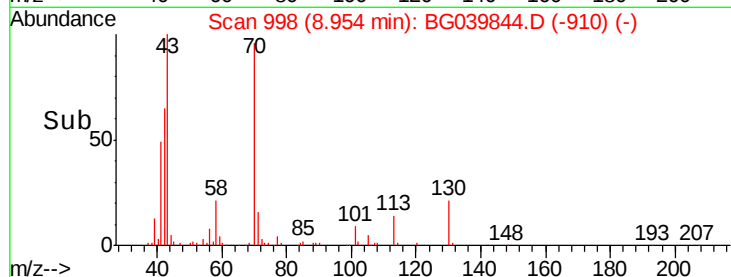
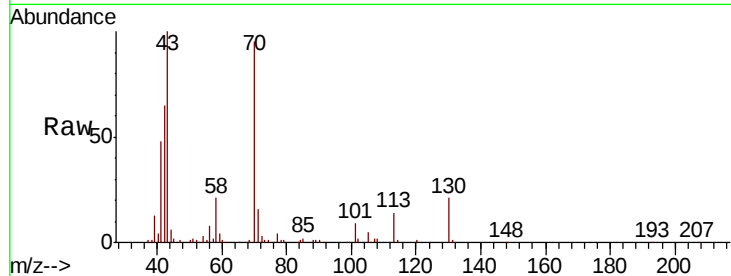
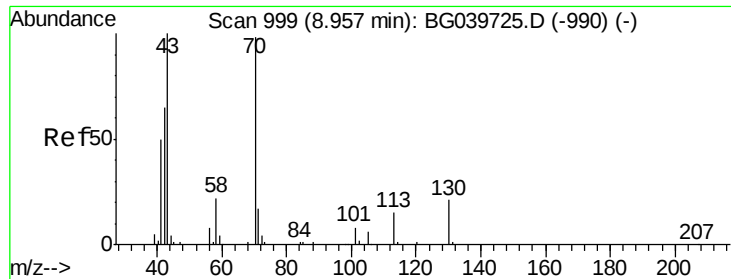
Sohil
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#18
Hexachloroethane
Concen: 33.616 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.3	114.5
201	116.3	91.1	136.7





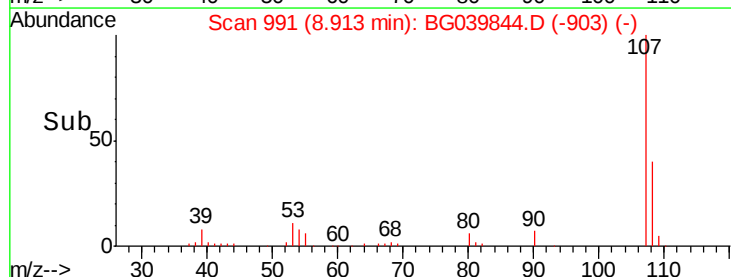
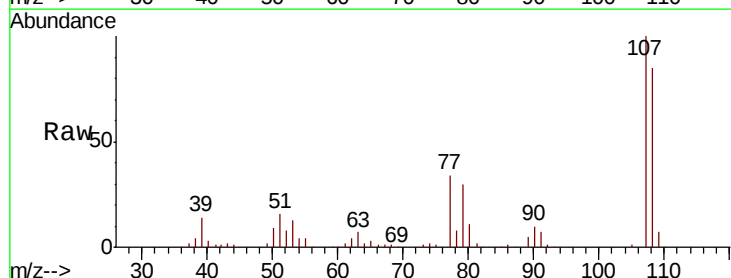
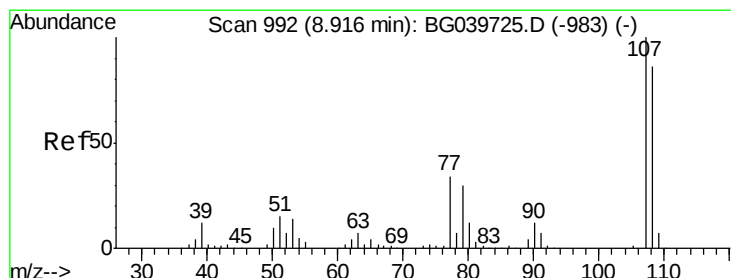
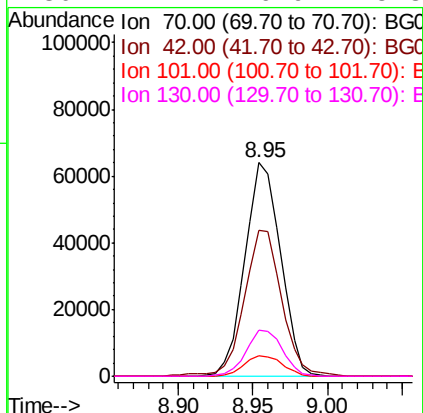
#19
n-Nitroso-di-n-propylamine
Concen: 35.326 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.2	60.4	90.6		
101	9.7	7.5	11.3		
130	21.7	16.9	25.3		

Instrument :
BNA_G
ClientSampled :
TP-13MSD

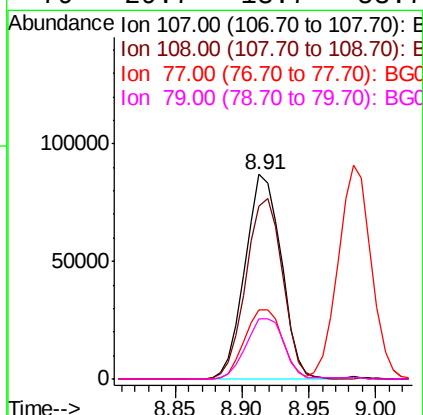
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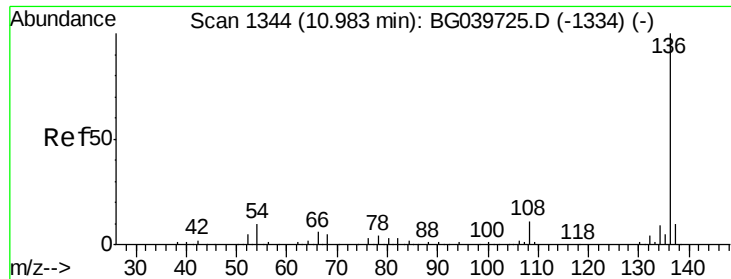
Sohil
3/12/2019 4:42:27 PM



#20
3+4-Methylphenols
Concen: 41.056 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.7	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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

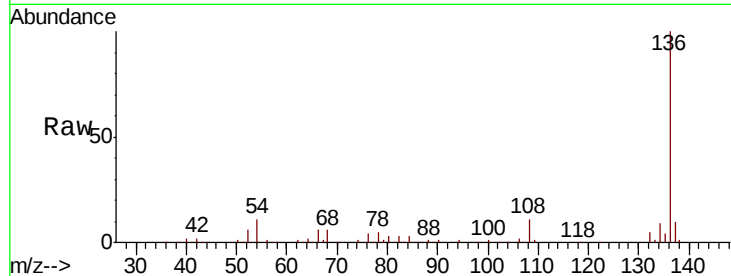
TP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210647		
137	10.2		9.1	13.7
54	10.7		9.4	14.2
68	5.6		4.2	6.4

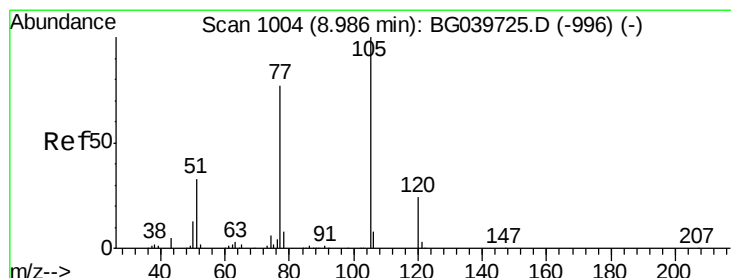
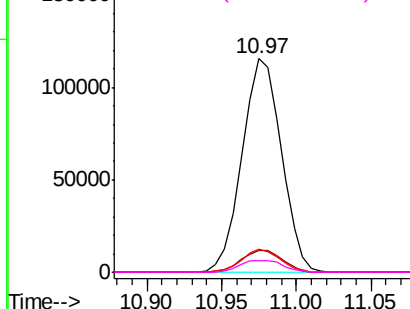
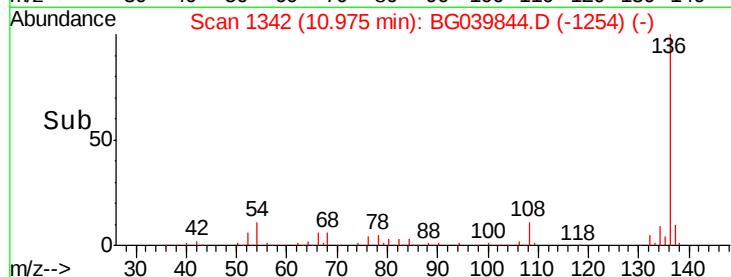
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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.636 ng

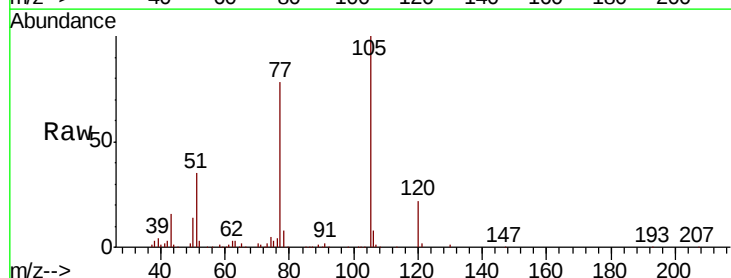
RT: 8.98 min Scan# 1003

Delta R.T. -0.02 min

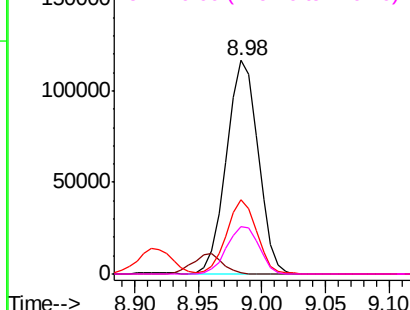
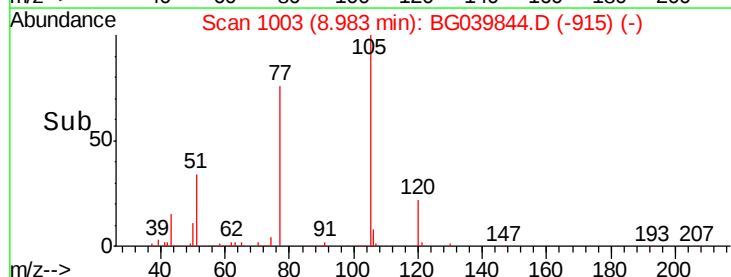
Lab File: BG039844.D

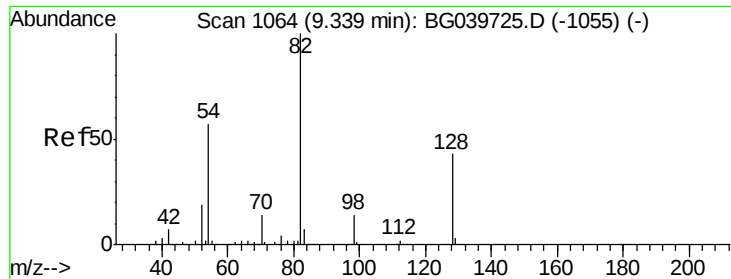
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201473		
71	0.5		0.8	1.2#
51	34.6		30.2	45.2
120	21.9		18.0	27.0



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





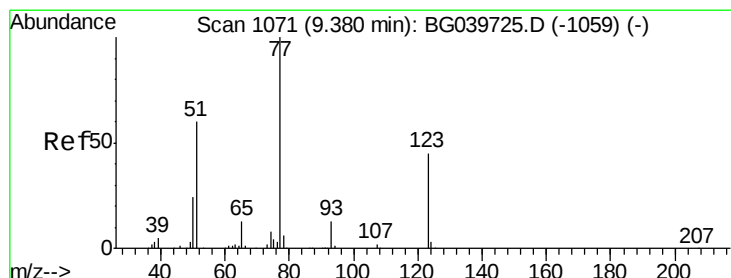
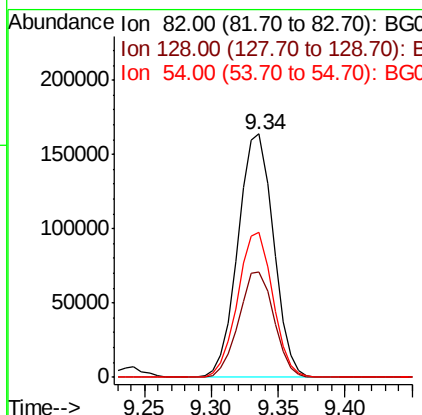
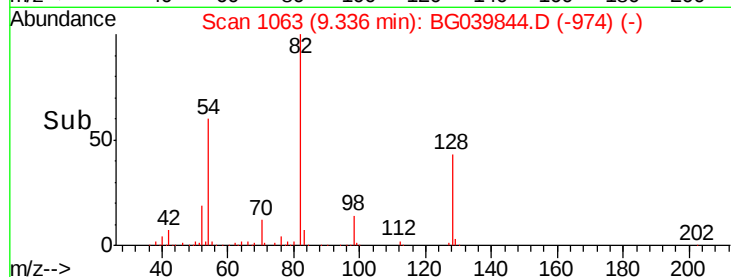
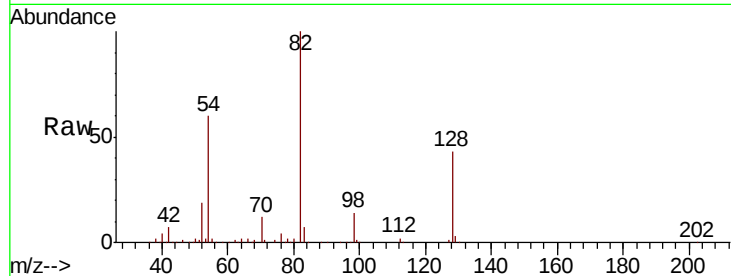
#23
Nitrobenzene-d5
Concen: 77.480 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	59.5	50.9	76.3

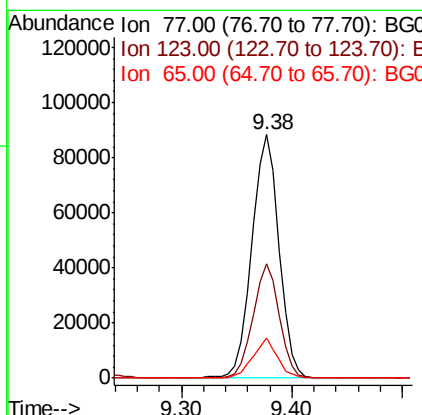
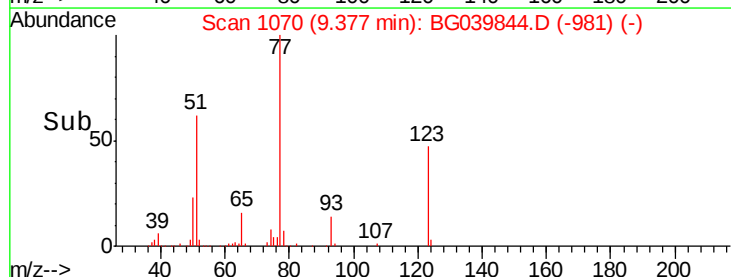
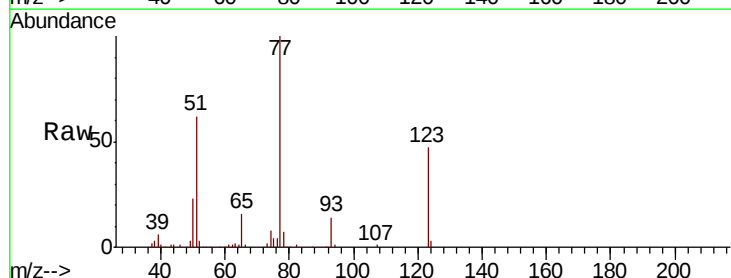
Manual Integrations
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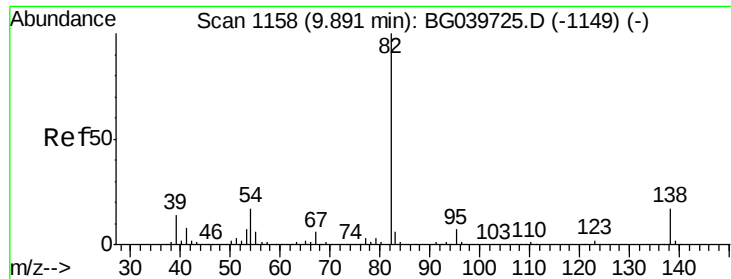
Sohil
3/12/2019 4:42:27 PM



#24
Nitrobenzene
Concen: 37.292 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	34.1	51.1
65	16.4	12.3	18.5





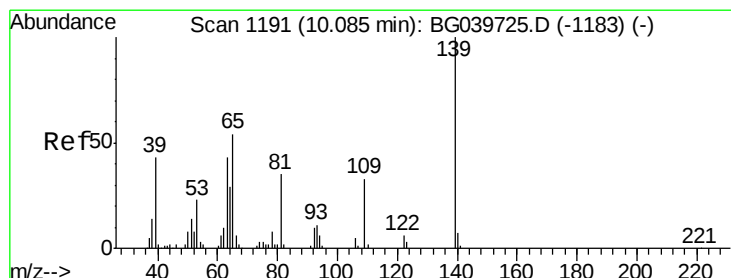
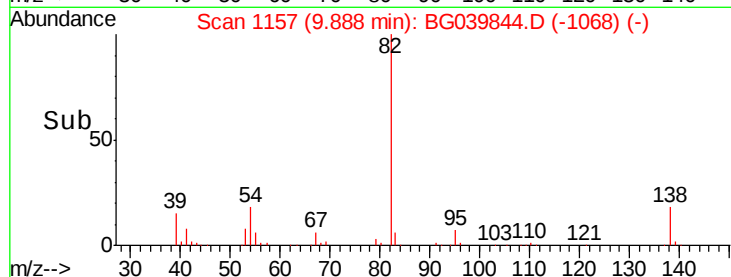
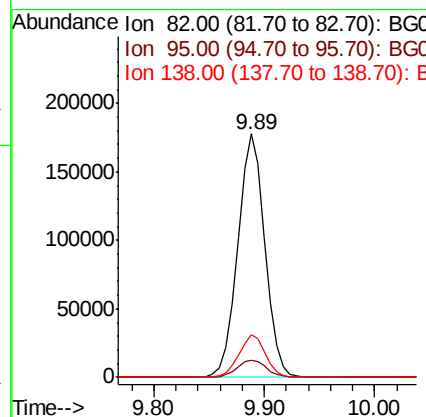
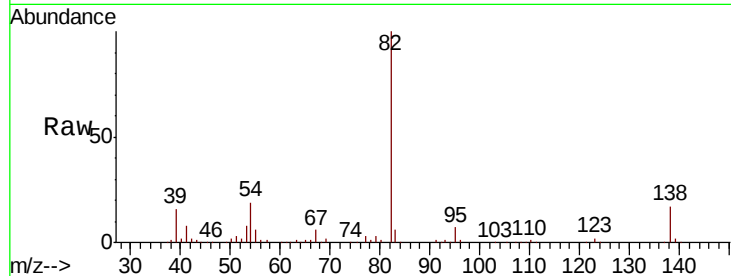
#25
Isophorone
Concen: 37.336 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	82	Resp	304695
Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.2	9.2
138	17.3	13.0	19.4

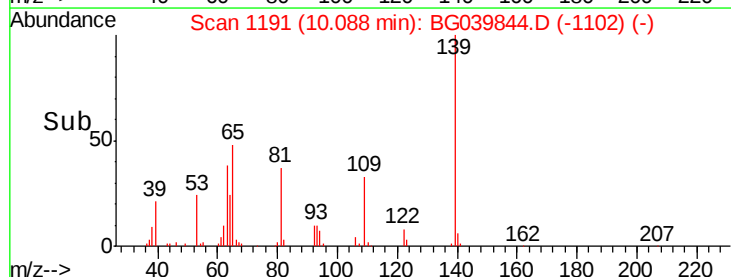
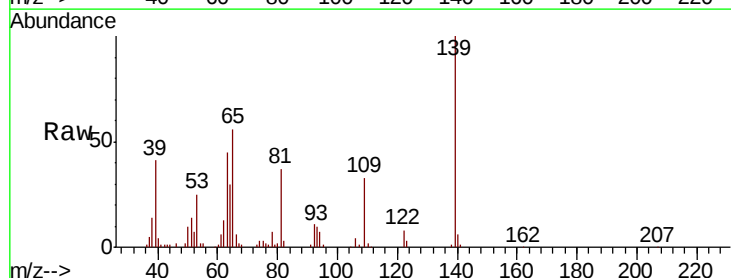
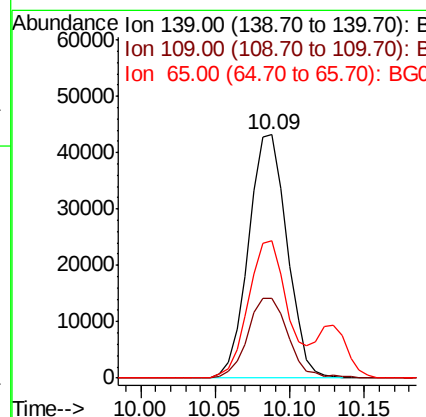
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#26
2-Nitrophenol
Concen: 39.031 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	139	Resp	76999
Ion	Ratio	Lower	Upper
139	100		
109	32.6	23.4	35.0
65	56.3	44.3	66.5





#27
2,4-Dimethylphenol
Concen: 45.589 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

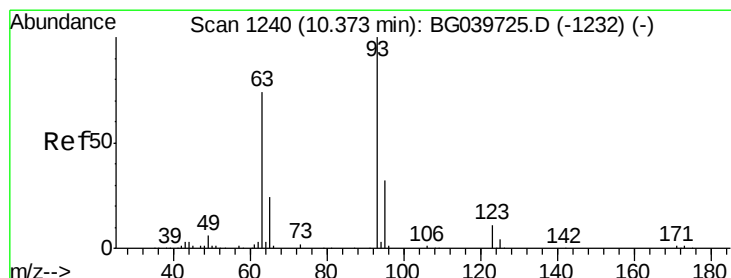
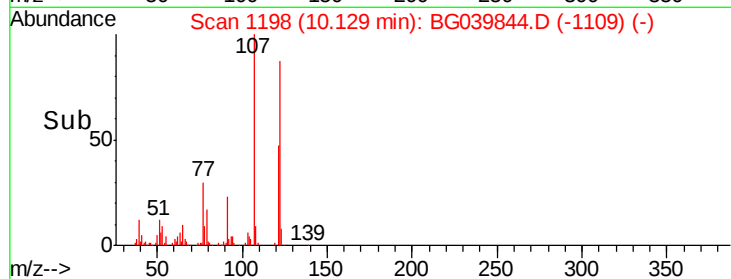
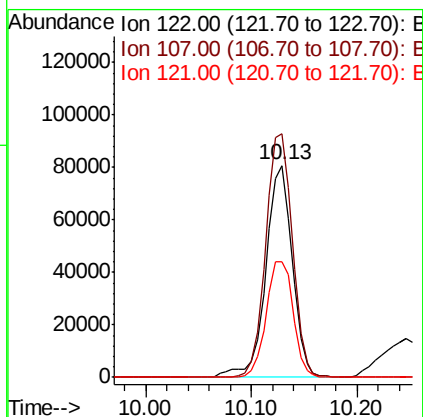
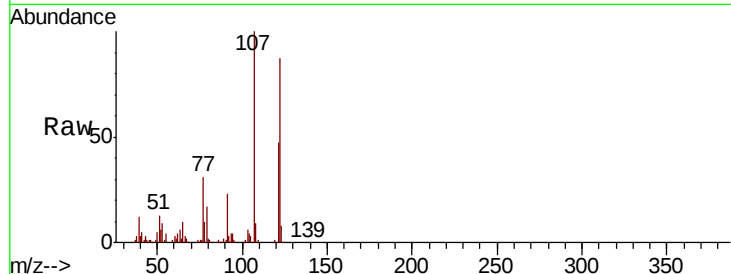
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	139875		
107	115.0	91.7	137.5	
121	54.4	46.4	69.6	

Manual Integrations
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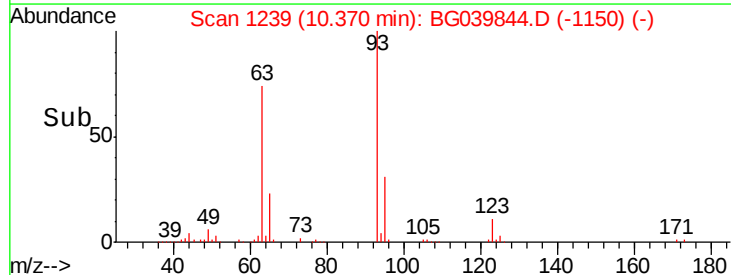
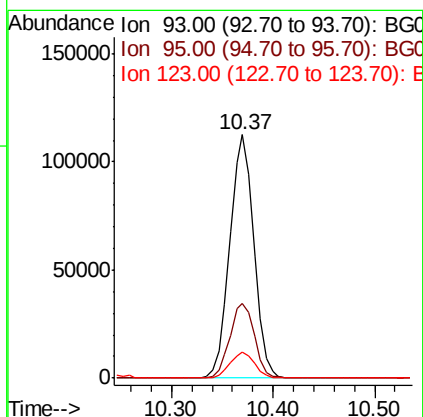
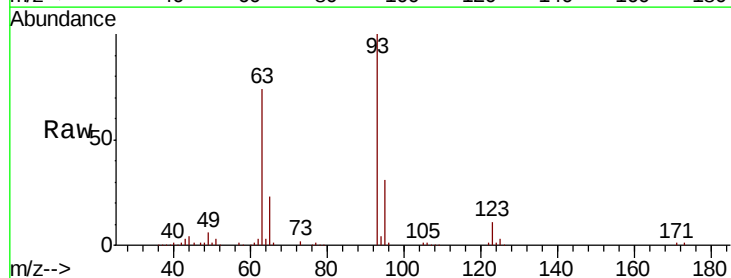
Sohil

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#28
bis(2-Chloroethoxy)methane
Concen: 37.256 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	184769		
95	30.9	25.0	37.4	
123	10.7	8.6	12.8	





#29
 2,4-Dichlorophenol
 Concen: 42.462 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

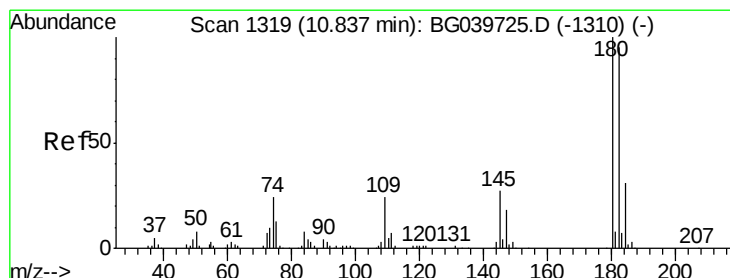
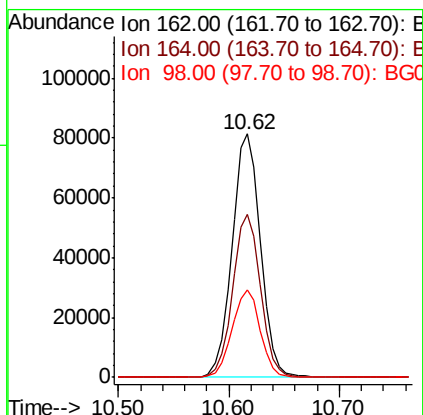
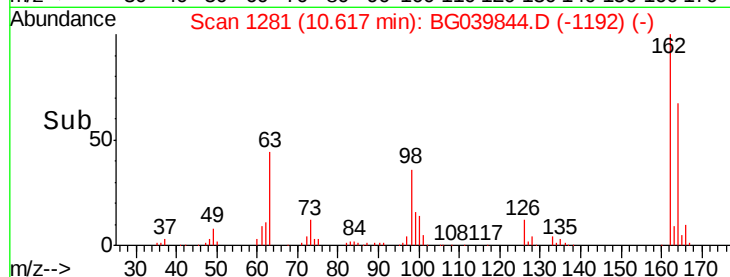
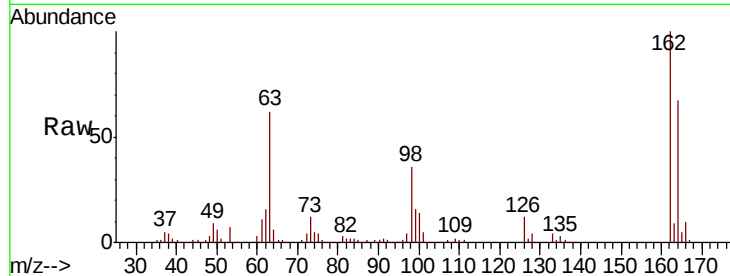
Instrument :
 BNA_G
 ClientSampled :
 TP-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		146683		
164	66.8	48.1		88.1	
98	35.8	18.1		58.1	

Manual Integrations
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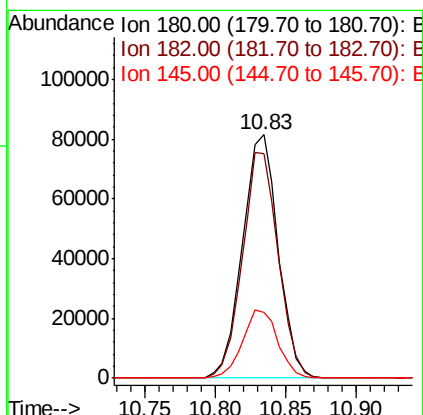
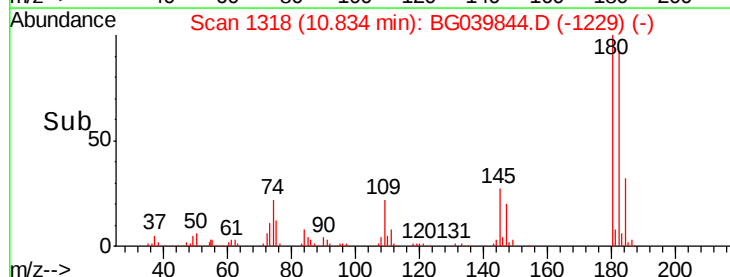
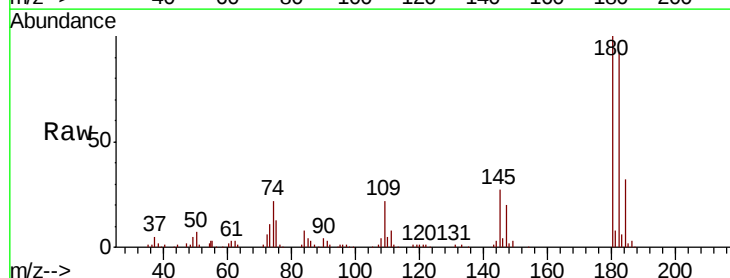
Sohil

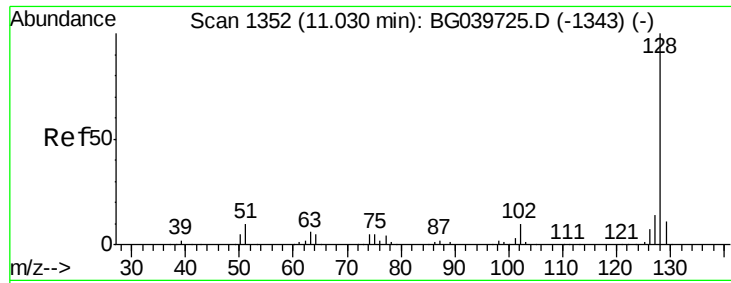
3/12/2019 4:42:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.047 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		144009		
182	92.2	76.0		114.0	
145	26.9	22.7		34.1	





#31
Naphthalene
Concen: 36.764 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

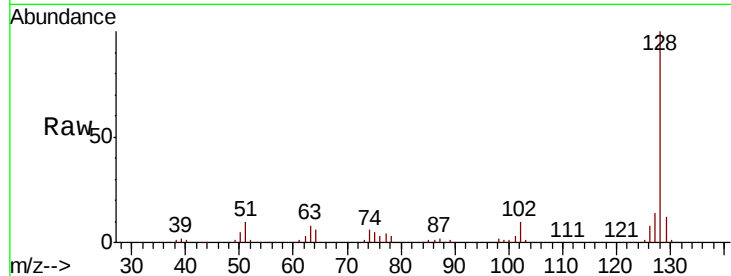
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.7	13.1
127	14.1	10.8	16.2

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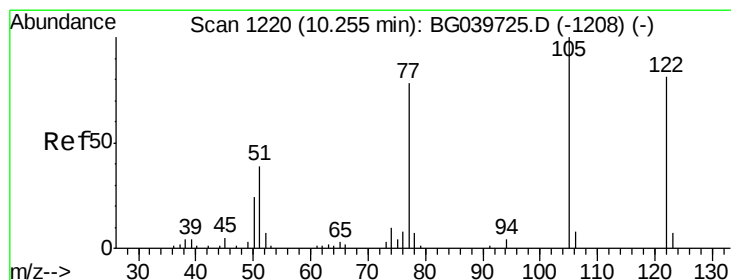
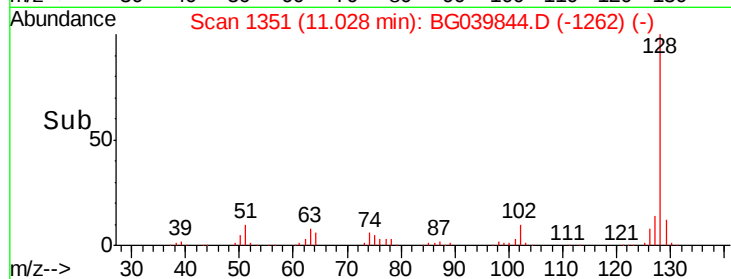
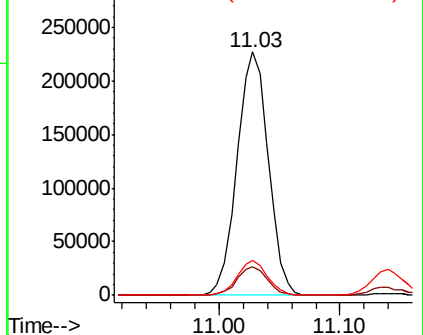


Abundance

Ion 128.00 (127.70 to 128.70): E

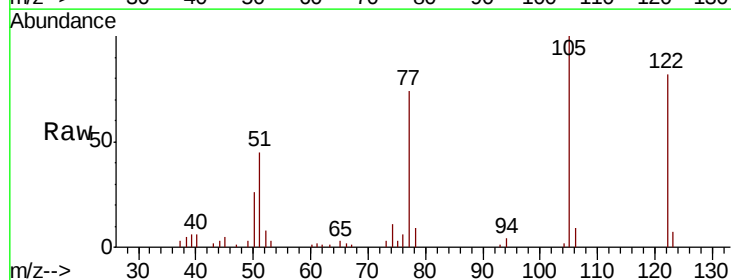
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.118 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	101.8	141.8
77	89.5	76.3	116.3

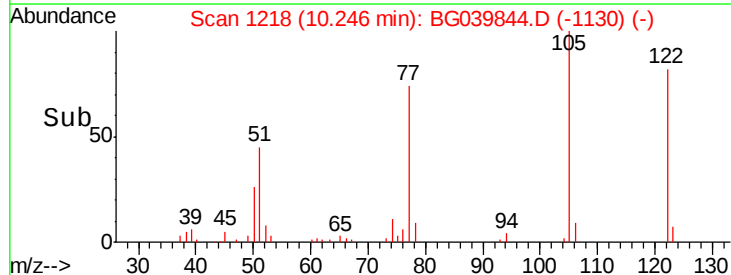
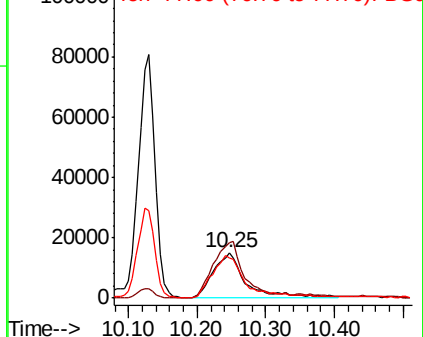


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





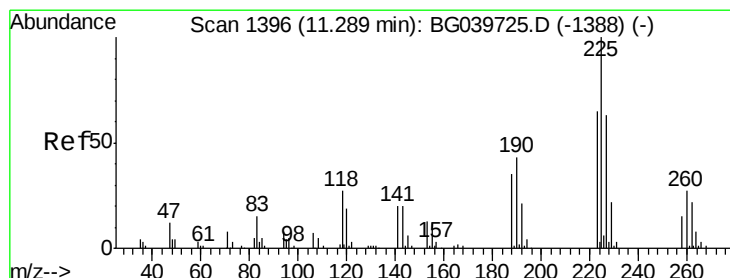
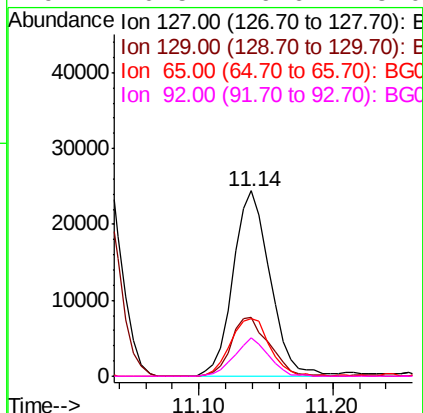
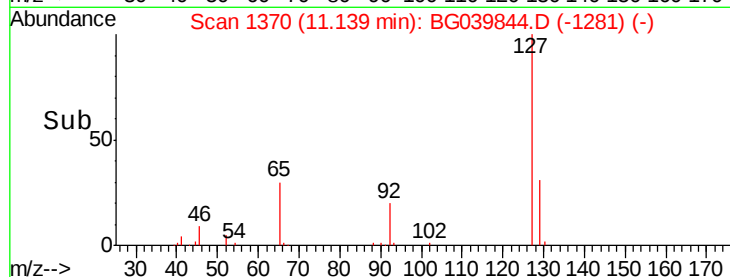
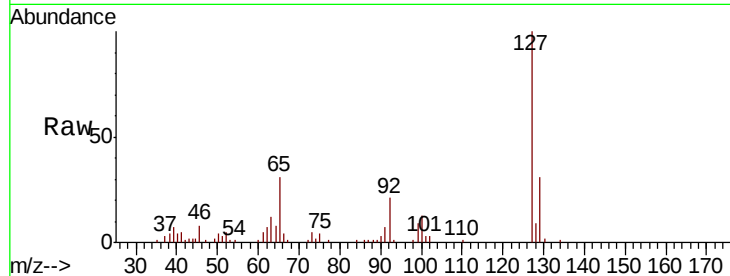
#33
4-Chloroaniline
Concen: 9.951 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47061		
129	31.4	27.0	40.4		
65	30.8	28.8	43.2		
92	20.5	16.6	25.0		

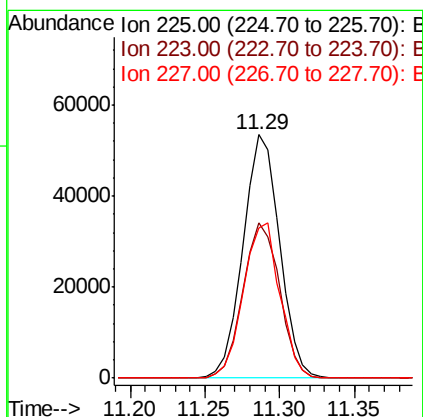
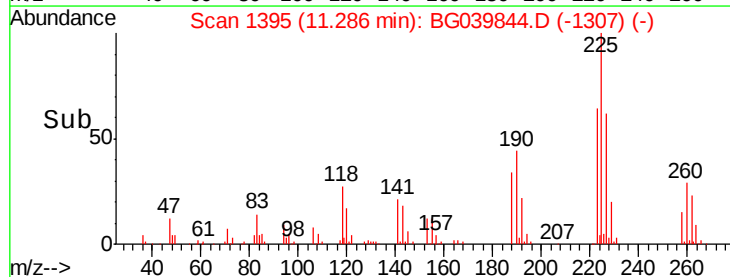
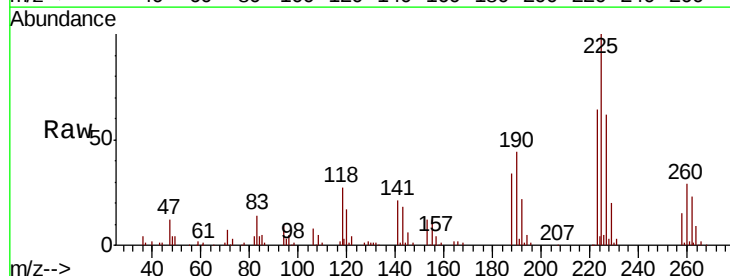
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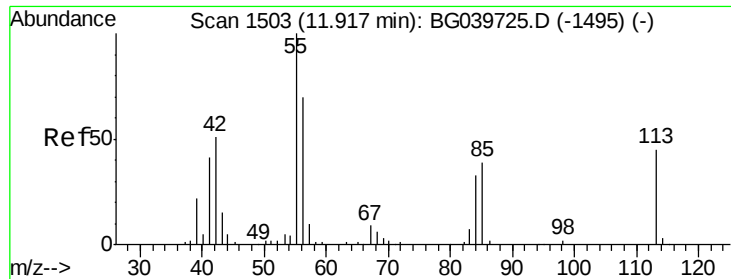
Sohil
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#34
Hexachlorobutadiene
Concen: 34.082 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		90531		
223	63.8	49.0	73.6		
227	61.6	46.3	69.5		





#35

Caprolactam

Concen: 41.411 ng/ml

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

TP-13MSD

Tot Ion:113 Resp: 54645

Ion Ratio Lower Upper

113 100

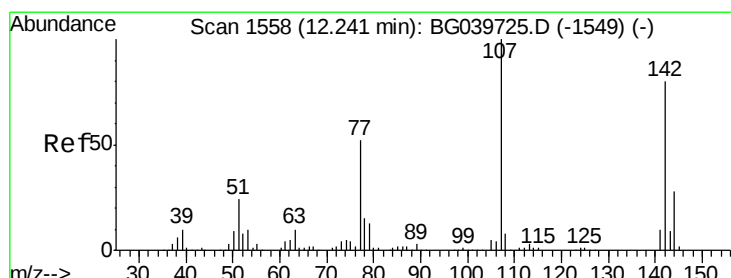
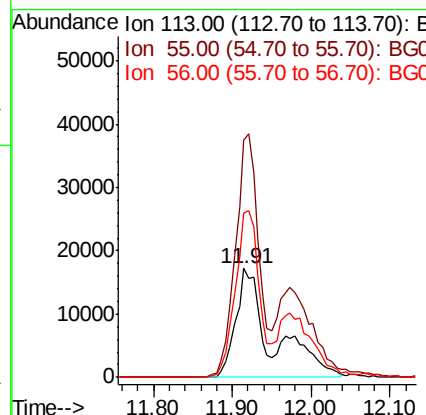
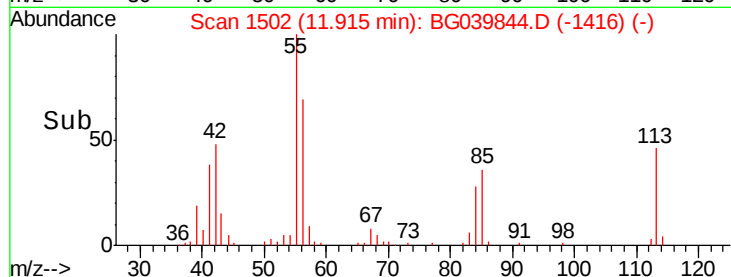
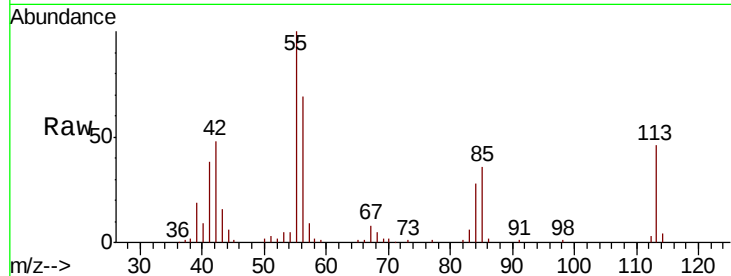
55 217.3 216.9 256.9

56 150.5 152.6 192.6#

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#36

4-Chloro-3-methylphenol

Concen: 42.591 ng/ml

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

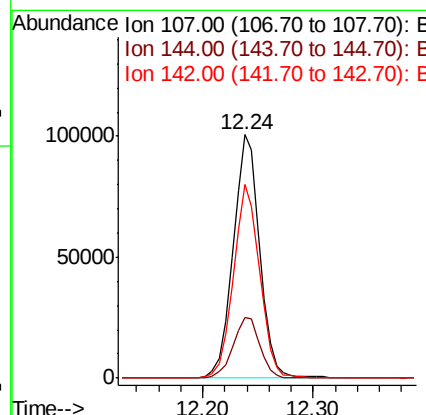
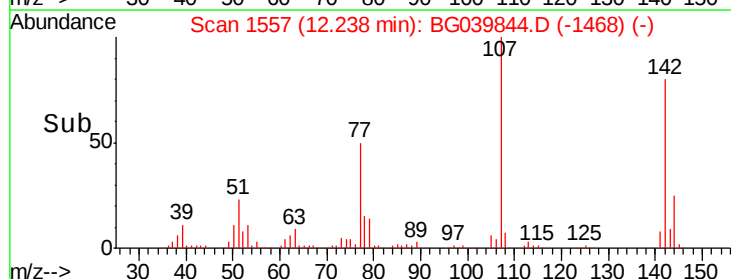
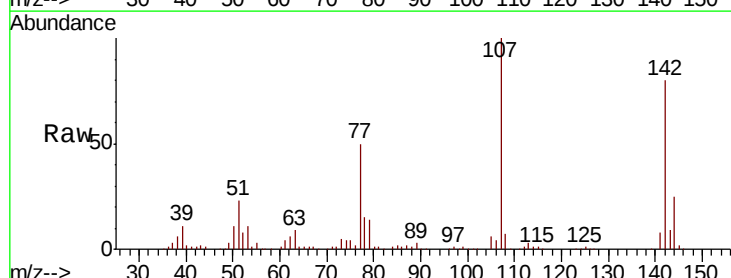
Tgt Ion:107 Resp: 168657

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.2

142 79.6 61.4 92.2





#37
2-Methylnaphthalene
Concen: 37.915 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

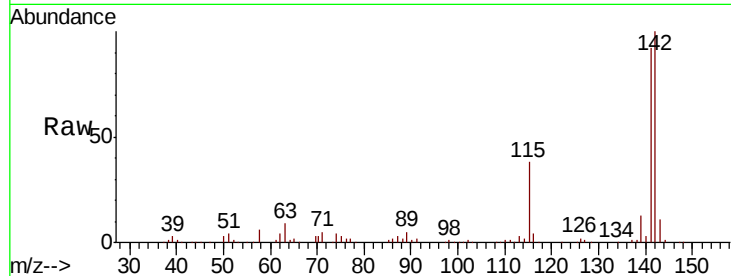
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3
115	37.5	30.8	46.2

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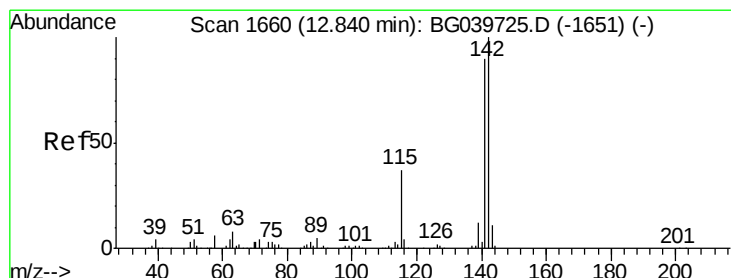
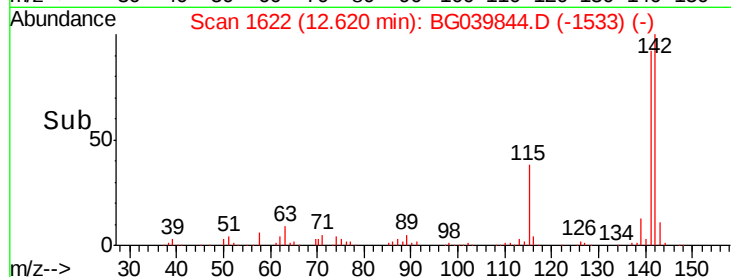
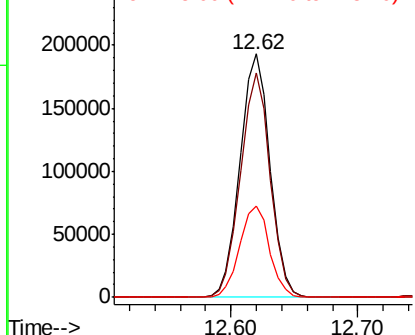


Abundance

Ion 142.00 (141.70 to 142.70): E

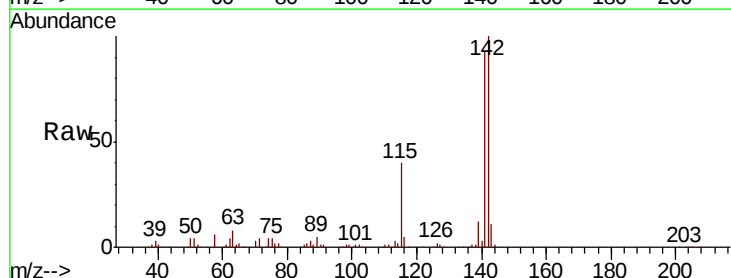
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.487 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.6	3.0	4.6

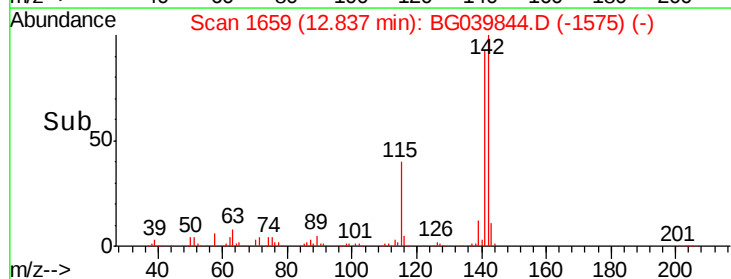
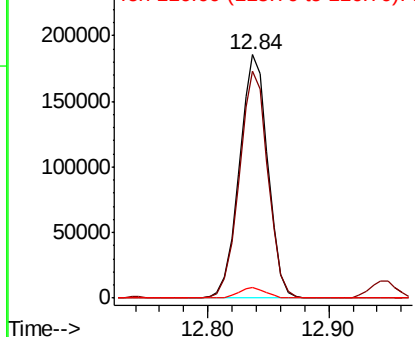


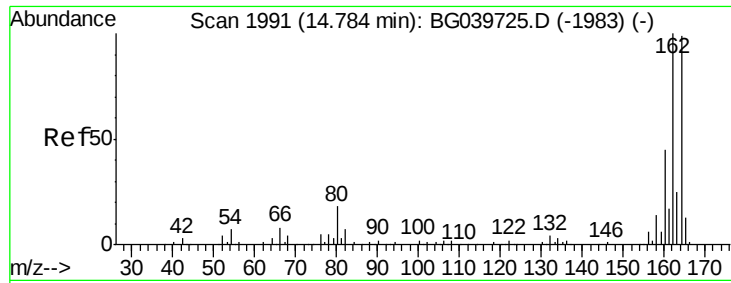
Abundance

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# 1990

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampled :

TP-13MSD

Tot Ion:164 Resp: 151273

Ion Ratio Lower Upper

164 100

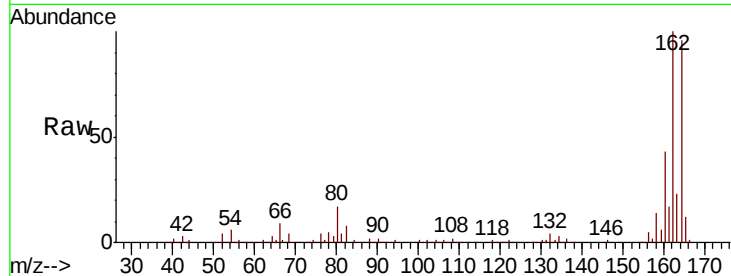
162 104.0 81.6 122.4

160 44.3 34.2 51.2

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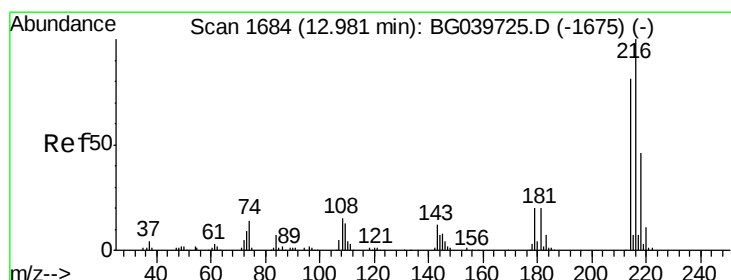
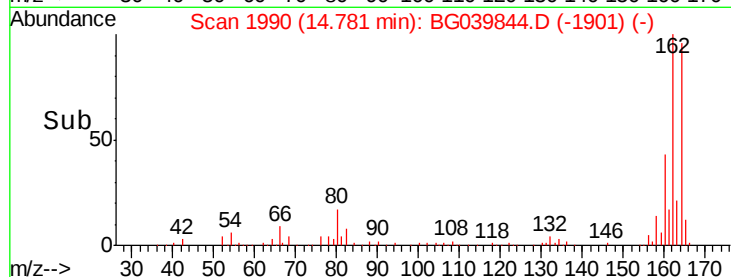
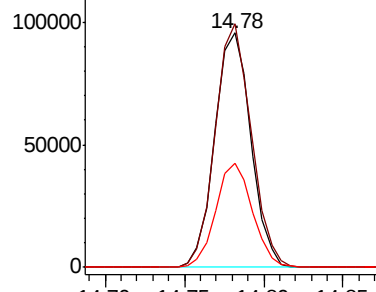


Abundance

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: 34.815 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:216 Resp: 178418

Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 20.7 16.6 25.0

108 18.0 14.0 21.0

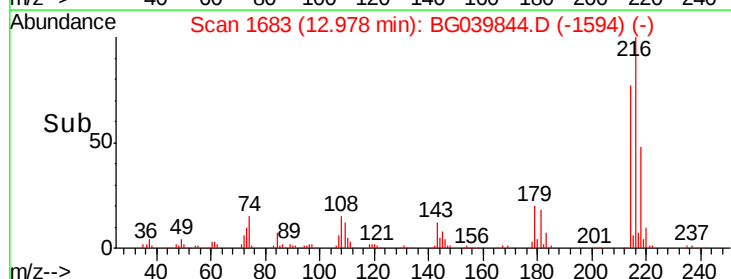
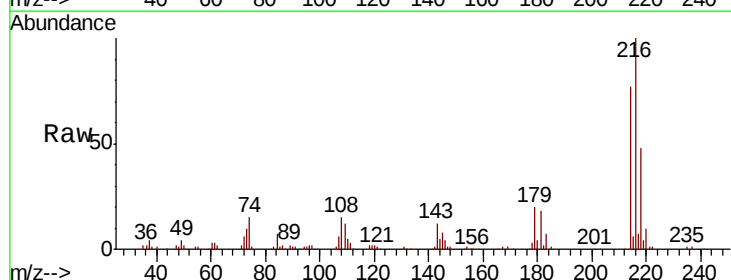
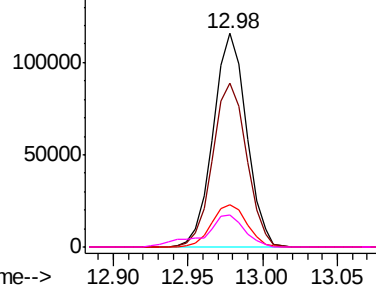
Abundance

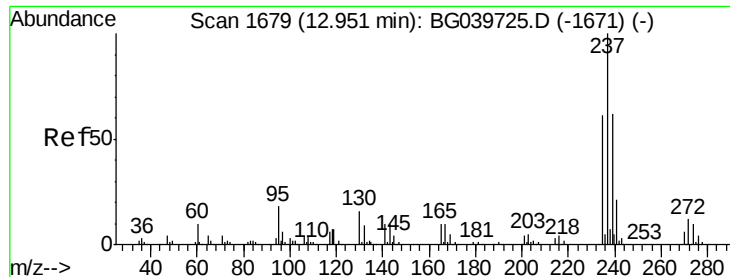
Ion 216.00 (215.70 to 216.70): E

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: 73.400 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

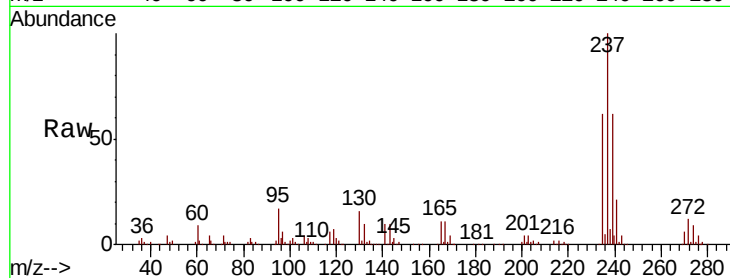
TP-13MSD

Tot Ion:	237	Resp:	201584
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.3	83.3
272	11.9	0.0	32.3

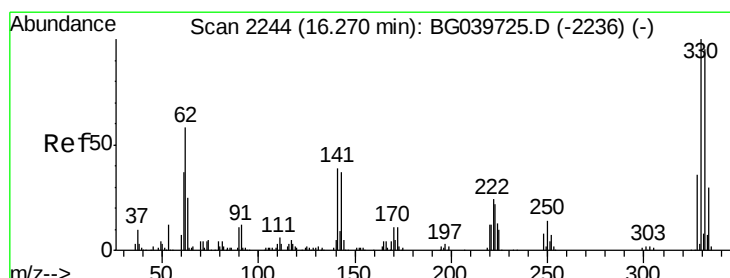
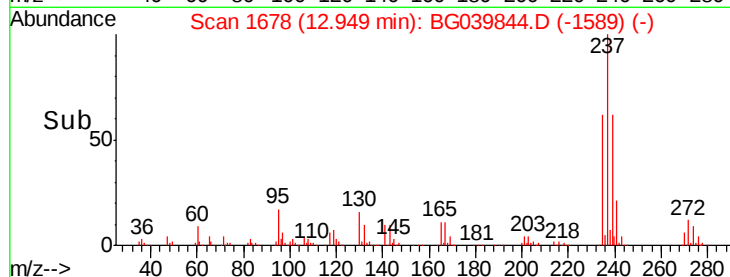
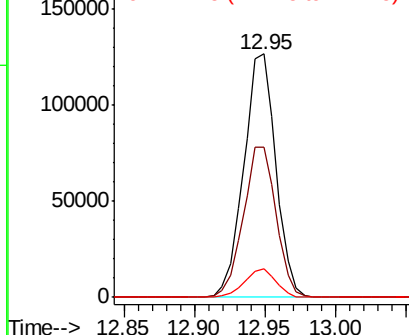
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.563 ng

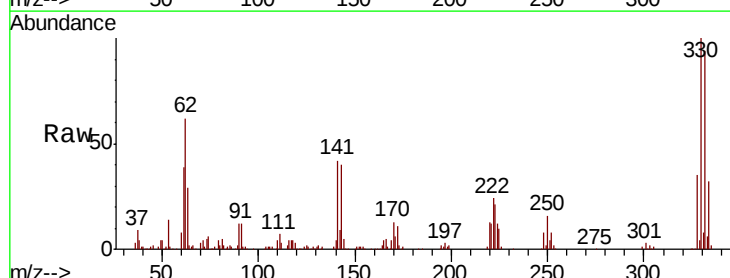
RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

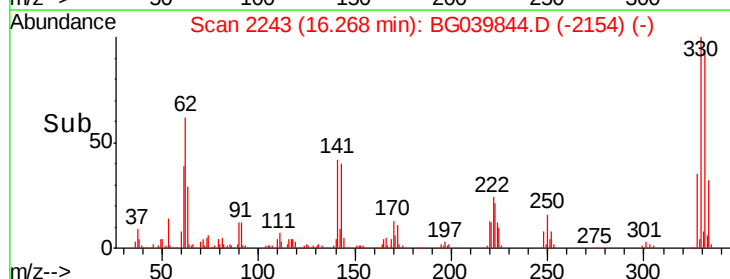
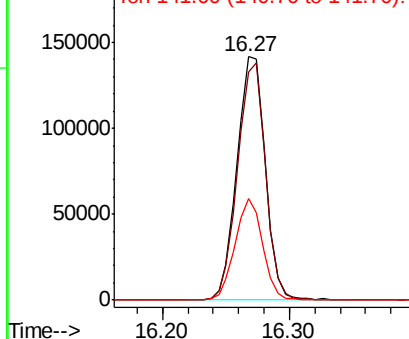
Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	330	Resp:	219630
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.7	113.5
141	40.2	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: 42.788 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

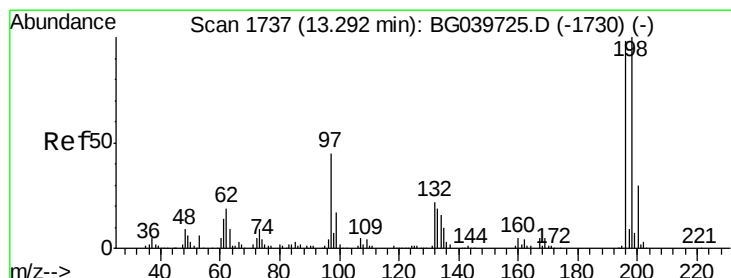
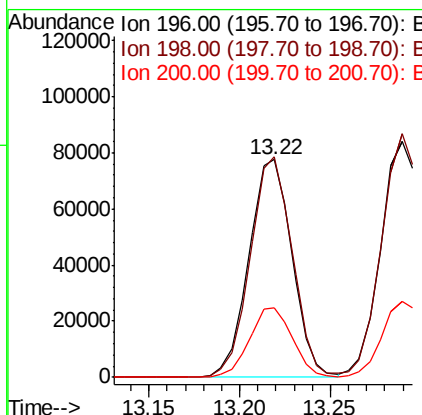
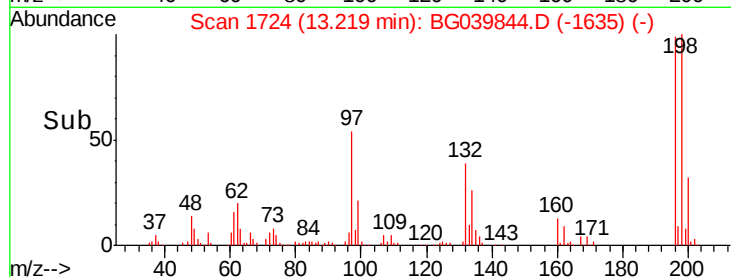
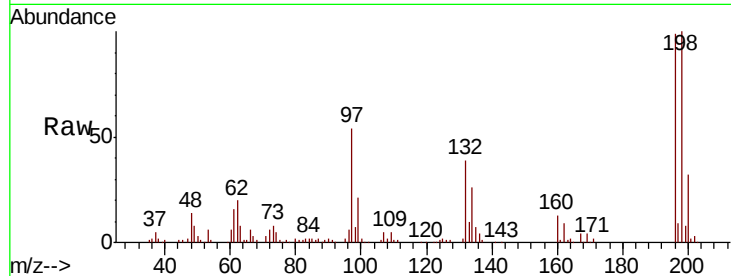
Instrument :
 BNA_G
 ClientSampled :
 TP-13MSD

Tot Ion:	196	Resp:	128377
Ion Ratio	Lower	Upper	
196	100		
198	101.3	80.6	121.0
200	32.1	26.1	39.1

Manual Integrations
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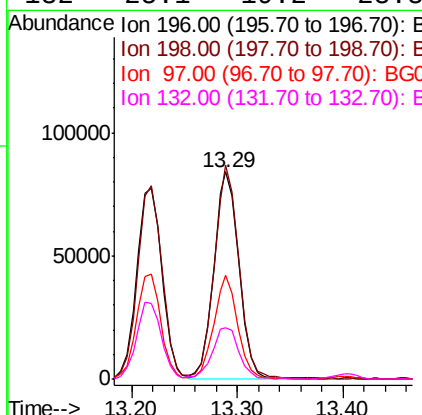
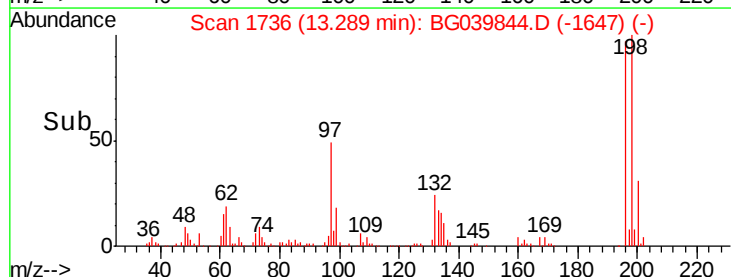
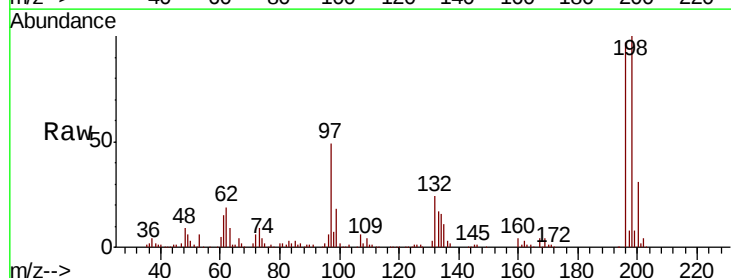
Sohil

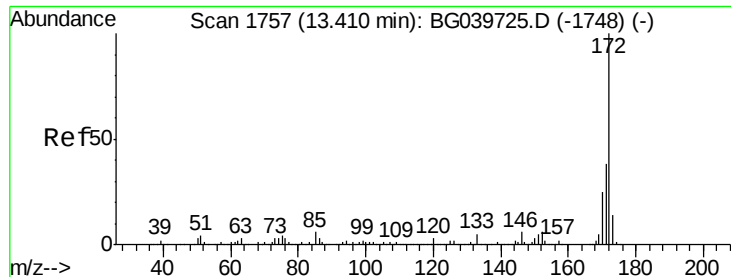
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#44
 2,4,5-Trichlorophenol
 Concen: 41.294 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion:	196	Resp:	139651
Ion Ratio	Lower	Upper	
196	100		
198	103.3	78.5	117.7
97	50.2	38.4	57.6
132	25.1	19.2	28.8





#45
2-Fluorobiphenyl
Concen: 66.484 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

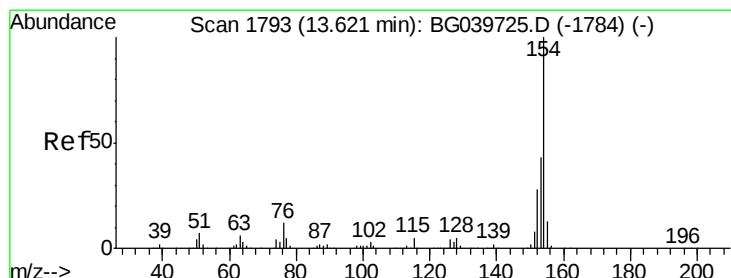
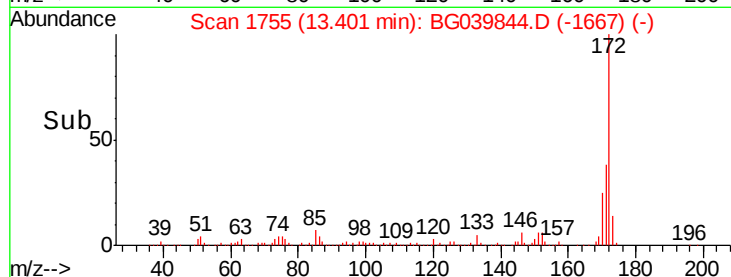
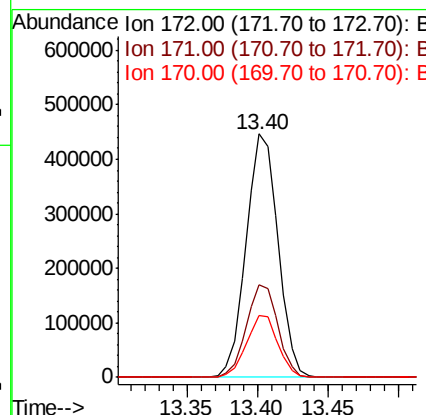
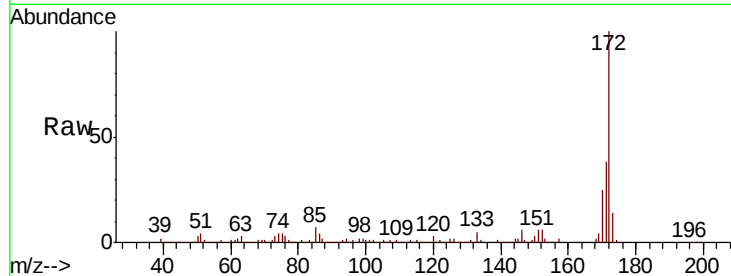
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4

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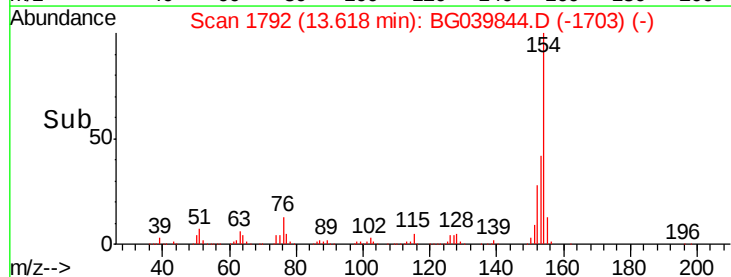
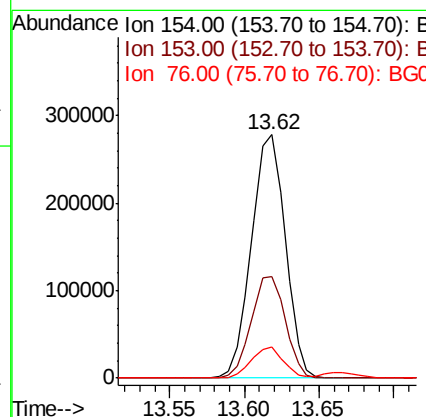
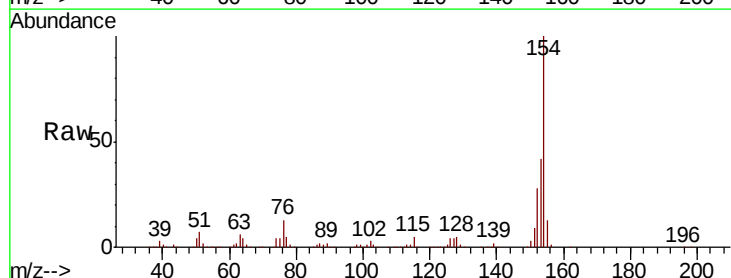
Sohil

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#46
1,1'-Biphenyl
Concen: 34.980 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	12.8	0.0	32.4





#47
2-Chloronaphthalene
Concen: 36.272 ng
RT: 13.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

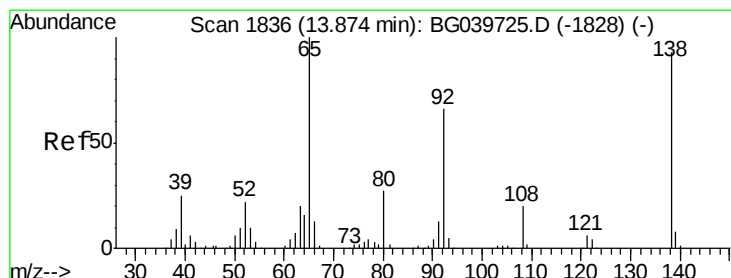
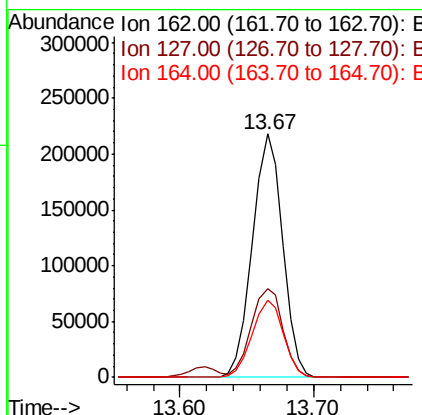
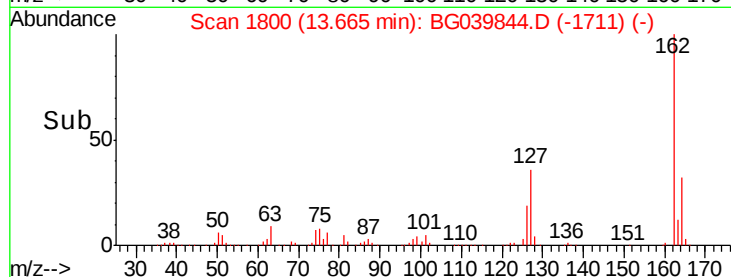
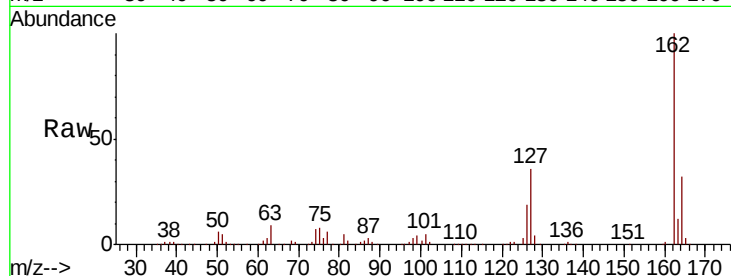
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	31.0	46.6
164	31.8	25.7	38.5

Manual Integrations
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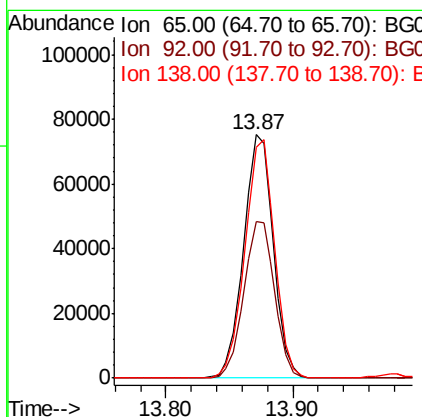
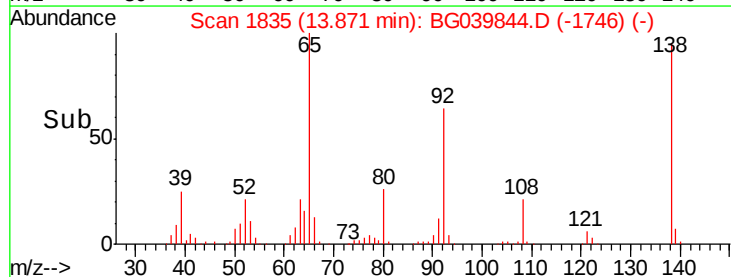
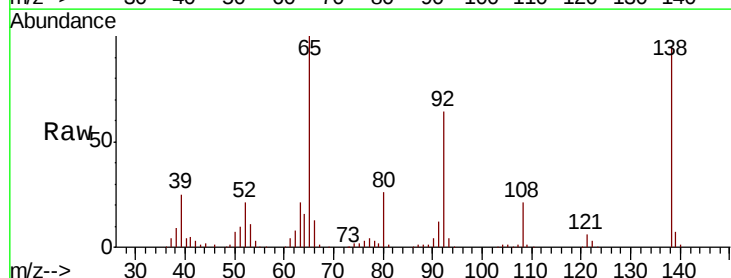
Sohil

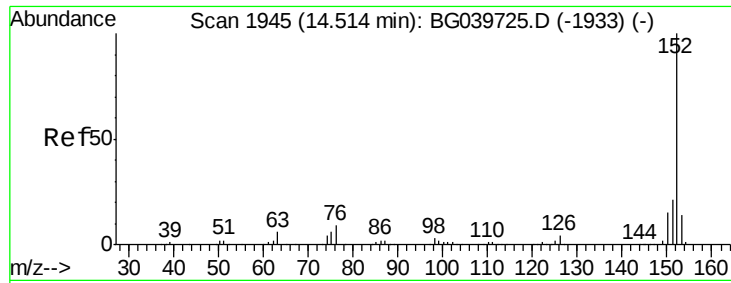
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#48
2-Nitroaniline
Concen: 40.698 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.3	51.4	77.2
138	95.0	71.4	107.2





#49

Acenaphthylene

Concen: 36.004 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

TP-13MSD

Tot Ion:152 Resp: 553218
Ion Ratio Lower Upper

152 100

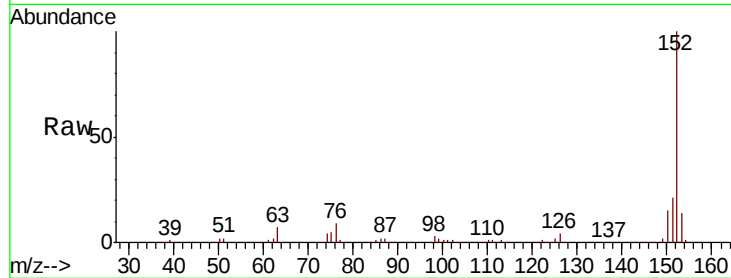
151 21.1 16.8 25.2

153 14.4 11.7 17.5

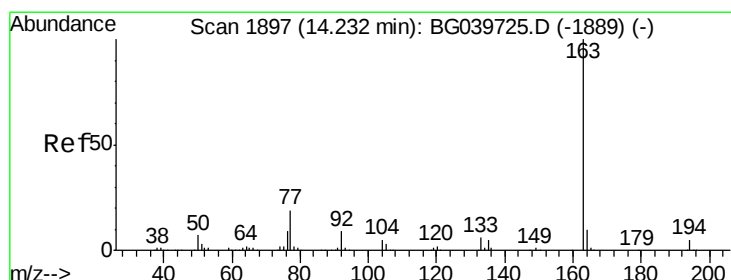
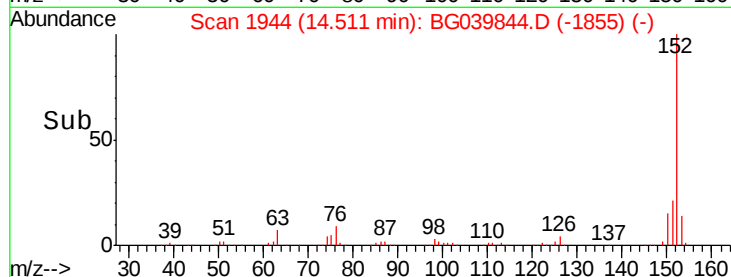
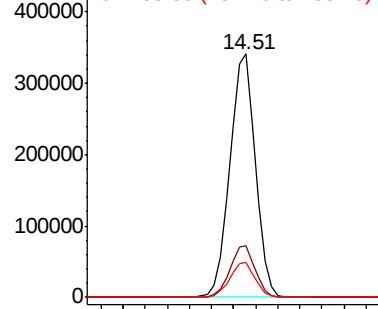
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.679 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039844.D

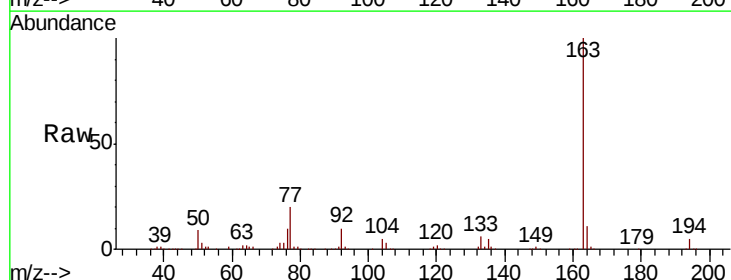
Acq: 11 Mar 2019 16:32

Tgt Ion:163 Resp: 539861
Ion Ratio Lower Upper

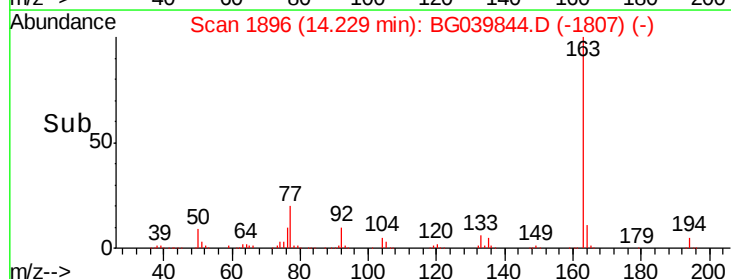
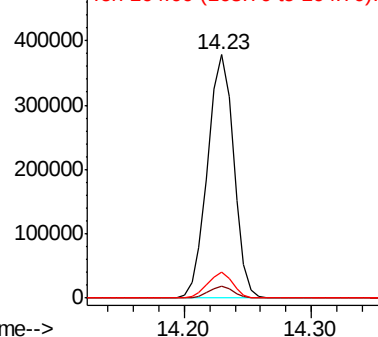
163 100

194 4.7 3.6 5.4

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.624 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

TP-13MSD

Tot Ion:165 Resp: 106255
Ion Ratio Lower Upper

165 100

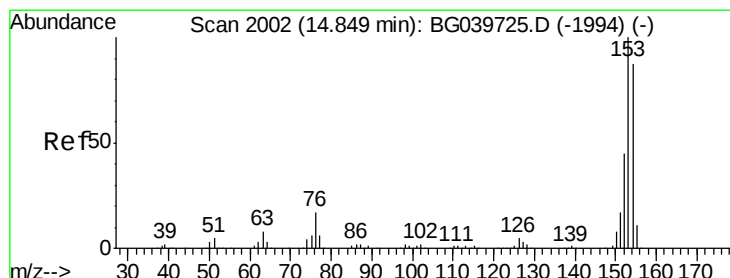
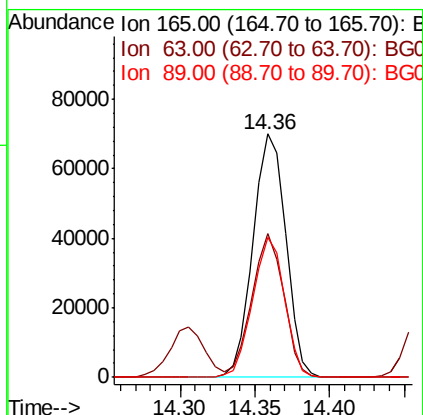
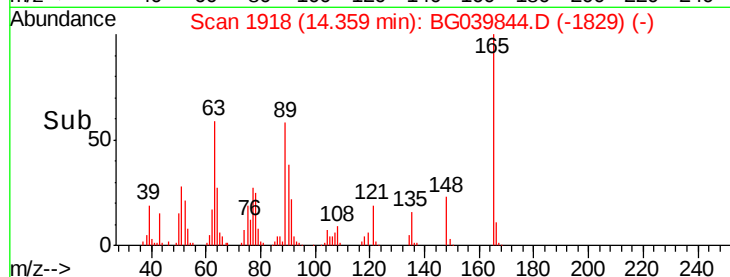
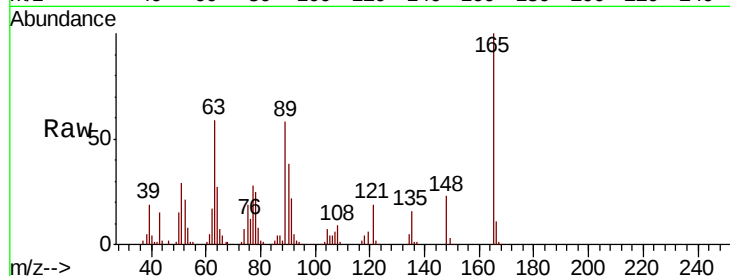
63 58.9 47.0 70.6

89 57.7 45.8 68.8

Manual Integrations
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#52

Acenaphthene

Concen: 36.546 ng

RT: 14.85 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG039844.D

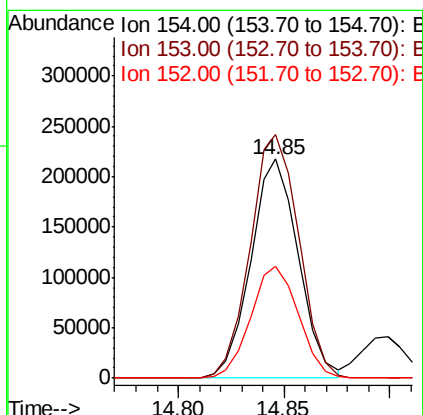
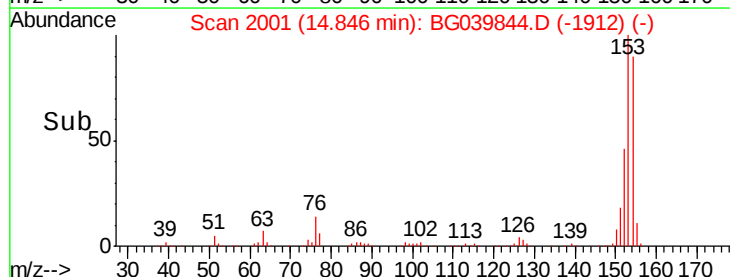
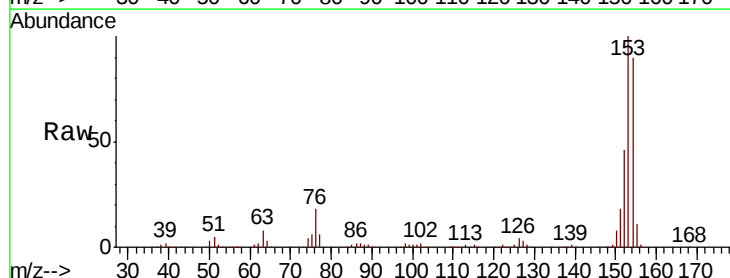
Acq: 11 Mar 2019 16:32

Tgt Ion:154 Resp: 337978
Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

152 51.1 40.9 61.3





#53
3-Nitroaniline
Concen: 15.843 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

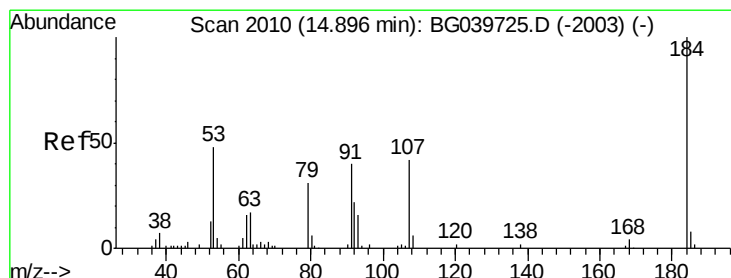
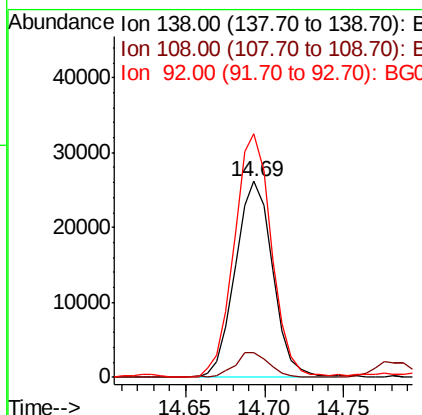
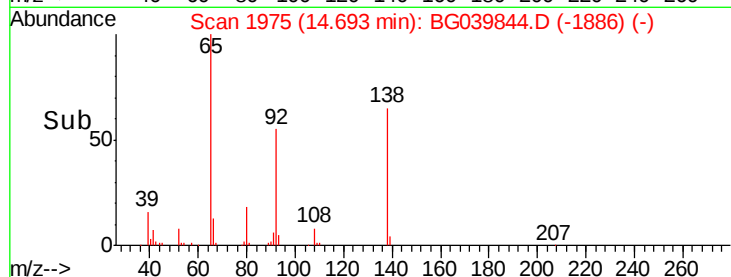
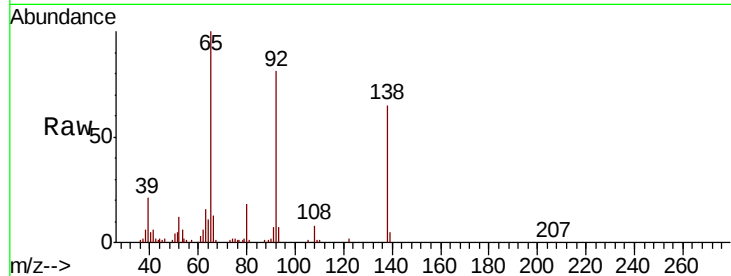
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion:138 Resp: 42705
Ion Ratio Lower Upper
138 100
108 12.4 13.8 20.8#
92 124.4 103.7 155.5

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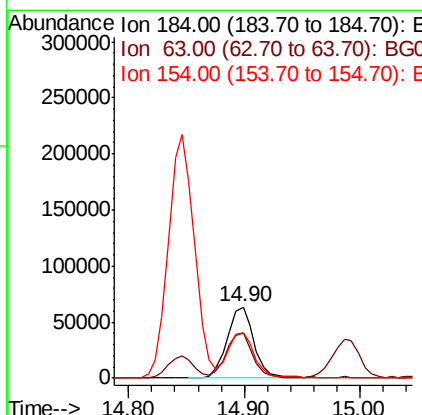
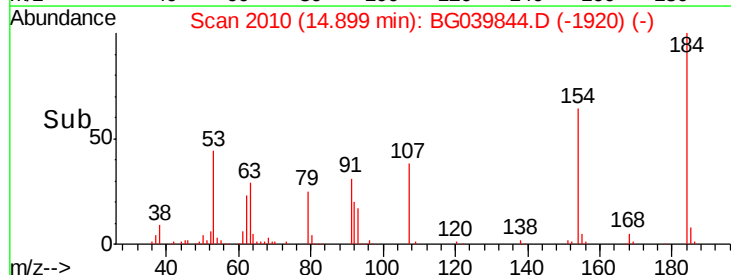
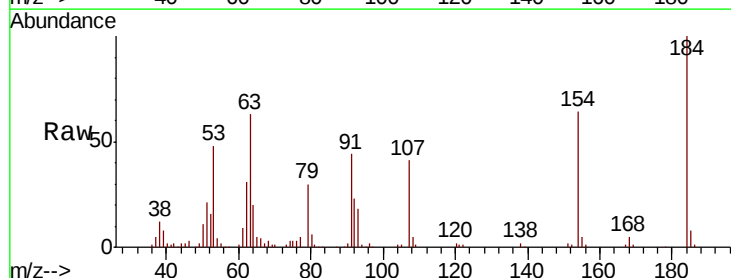
Sohil

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#54
2,4-Dinitrophenol
Concen: 62.566 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion:184 Resp: 103732
Ion Ratio Lower Upper
184 100
63 63.0 50.9 76.3
154 64.3 53.0 79.6





#55
Dibenzenofuran
Concen: 36.647 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

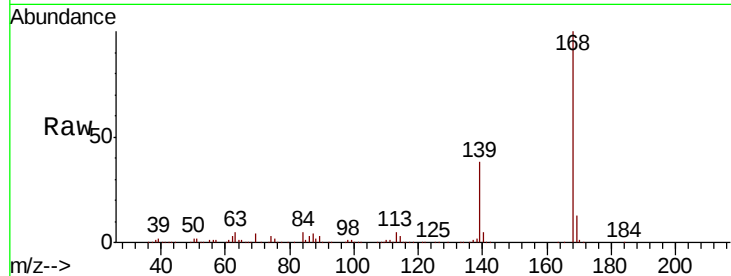
Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.0	10.6	16.0

Manual Integrations
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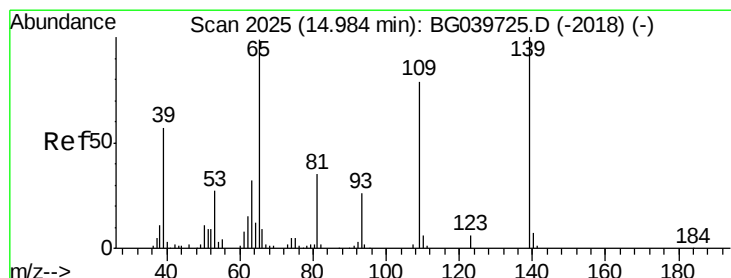
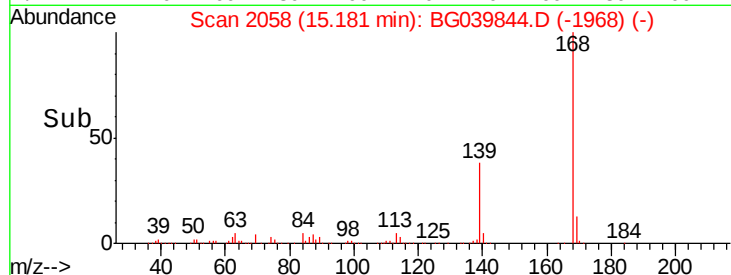
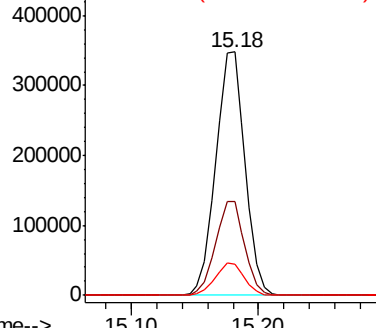


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.586 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

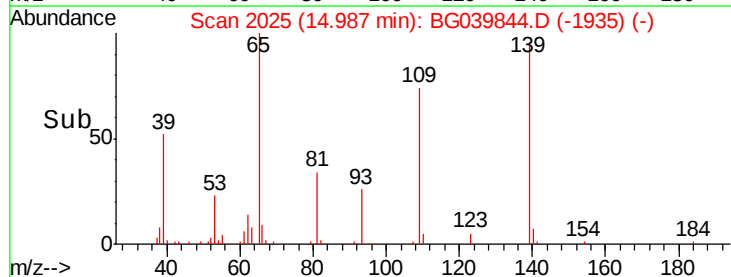
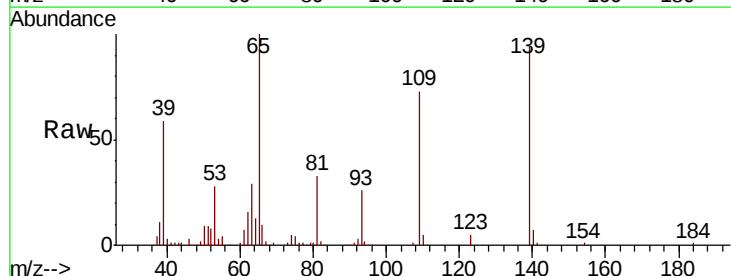
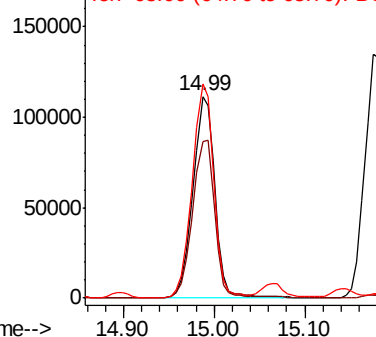
Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	61.9	101.9
65	105.9	99.1	139.1

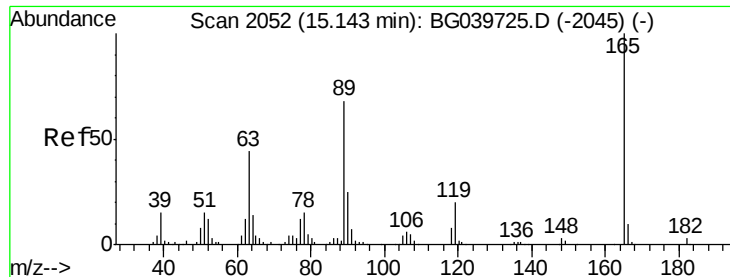
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





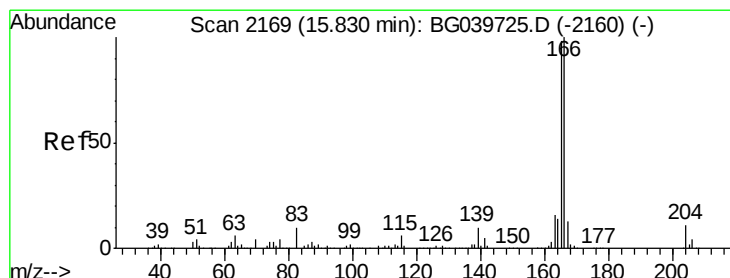
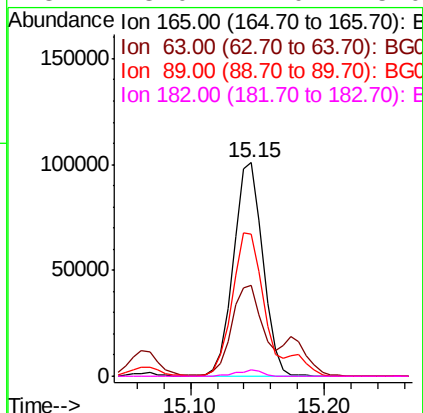
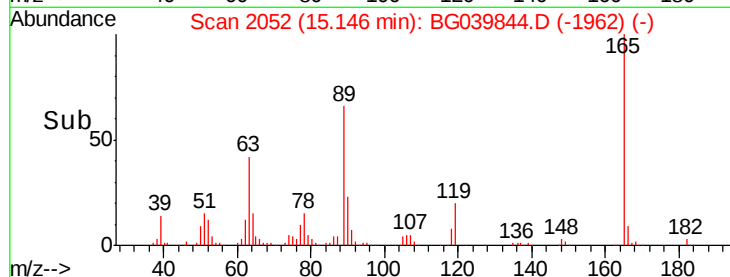
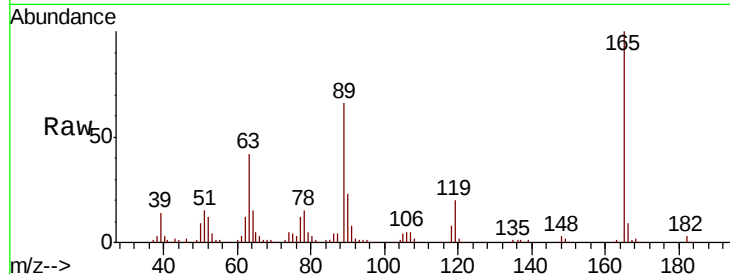
#57
2,4-Dinitrotoluene
Concen: 40.778 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	42.4	41.0	61.6		
89	66.5	64.6	96.8		
182	3.0	2.0	3.0		

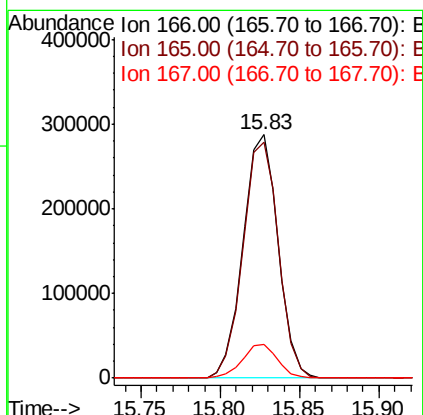
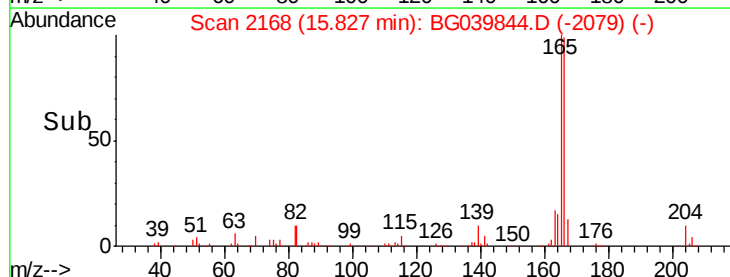
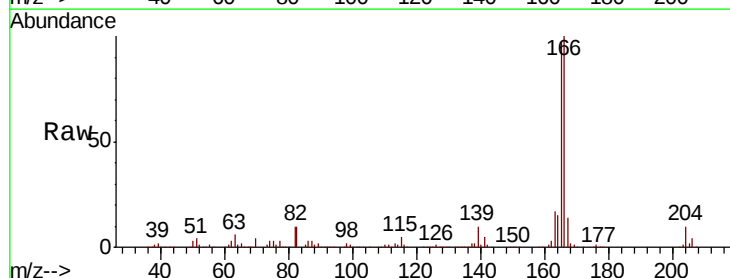
Manual Integrations
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#58
Fluorene
Concen: 36.880 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	97.0	77.9	116.9		
167	13.9	10.8	16.2		





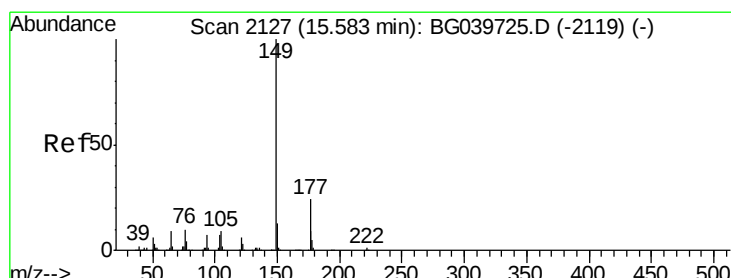
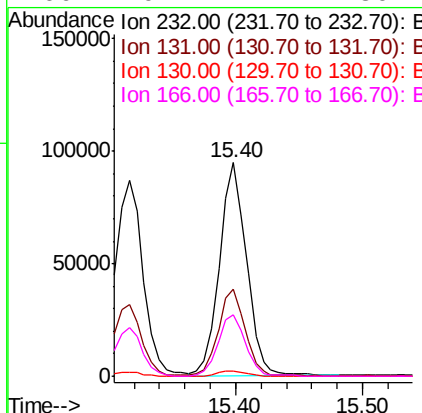
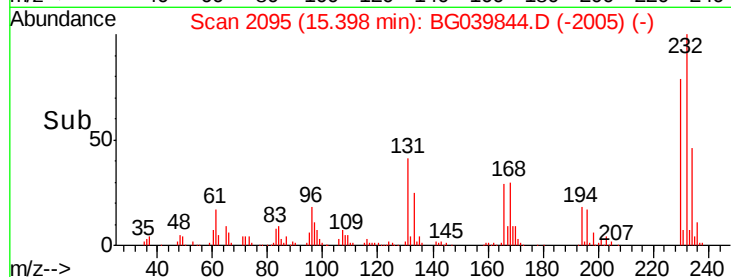
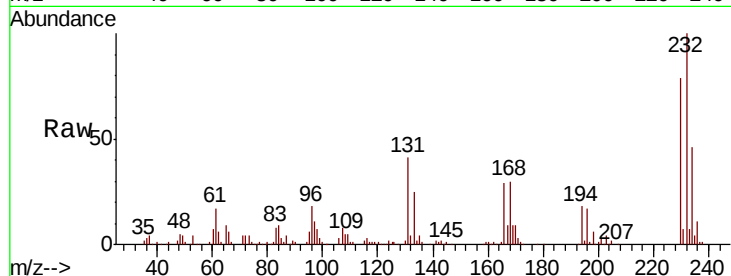
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.620 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	140766		
131	40.5		34.9	52.3
130	2.4		2.0	3.0
166	29.7		24.1	36.1

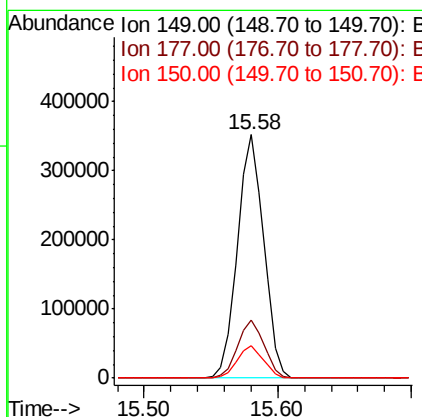
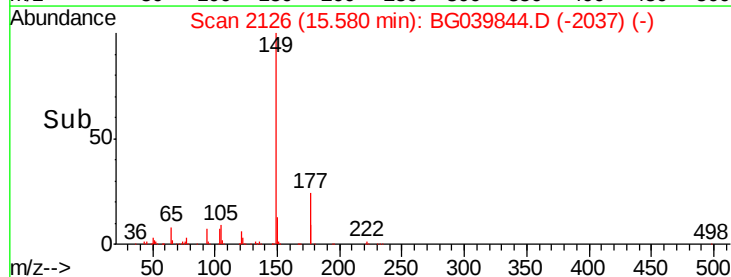
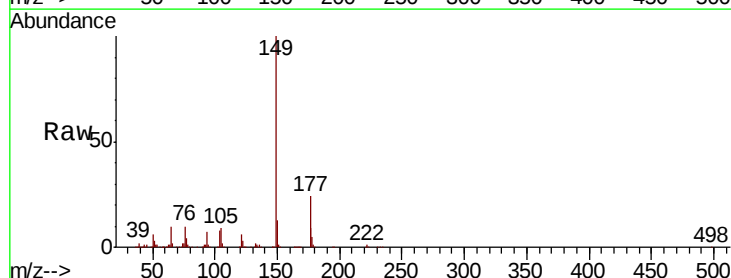
Manual Integrations
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#60
 Diethylphthalate
 Concen: 38.331 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	479972		
177	23.9		18.3	27.5
150	13.5		10.2	15.2





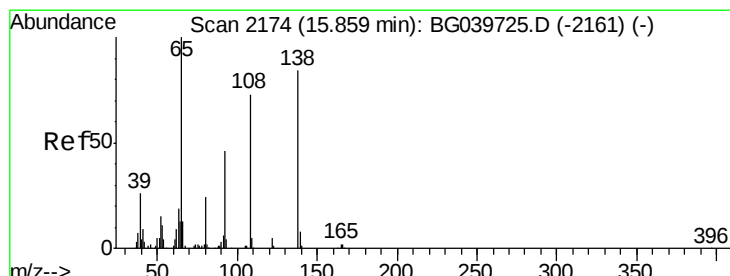
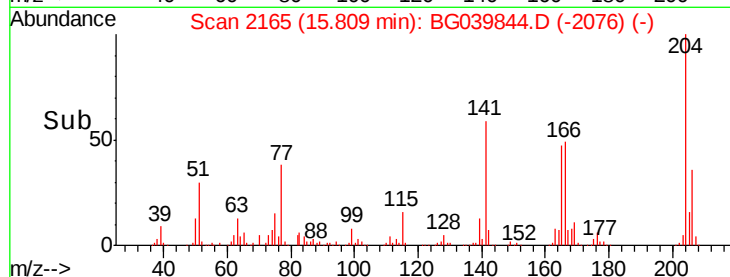
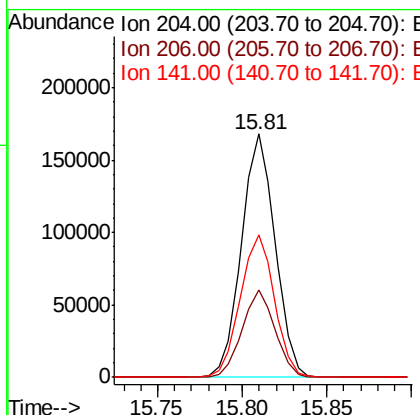
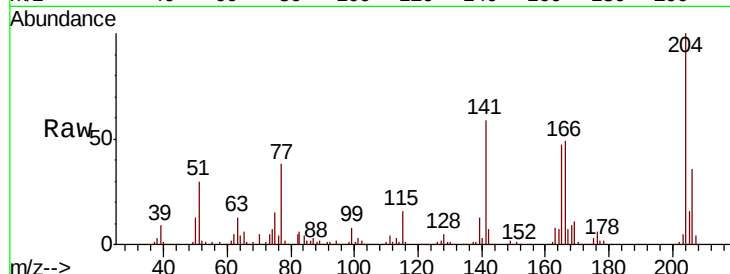
#61
4-Chlorophenyl-phenylether
Concen: 36.701 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.1	29.2	43.8
141	58.5	49.0	73.4

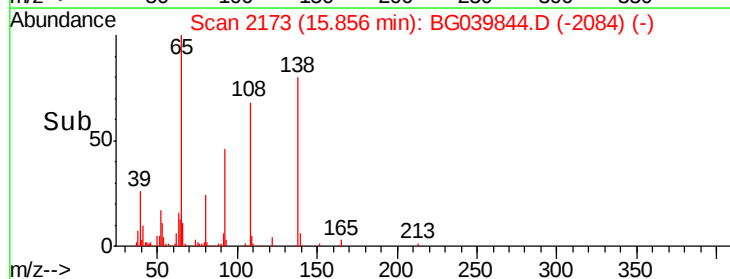
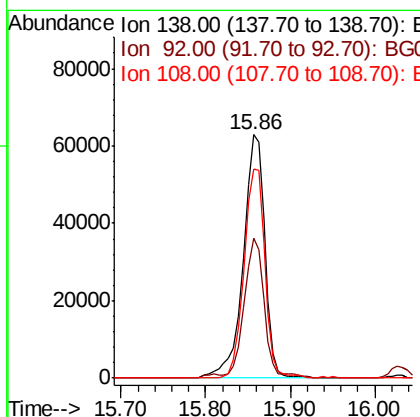
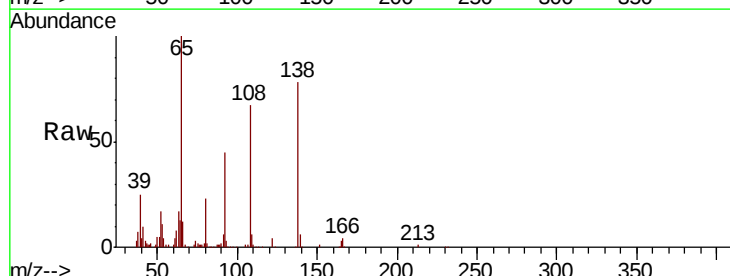
Manual Integrations
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#62
4-Nitroaniline
Concen: 38.174 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	38.7	78.7
108	86.0	74.6	114.6





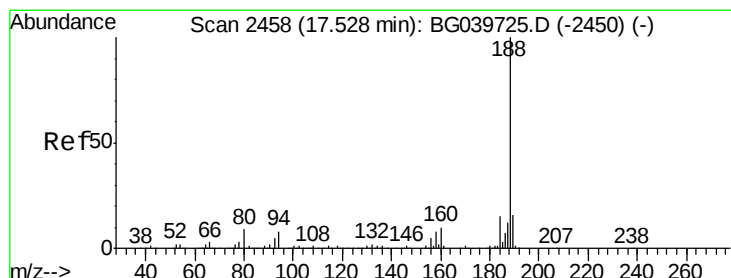
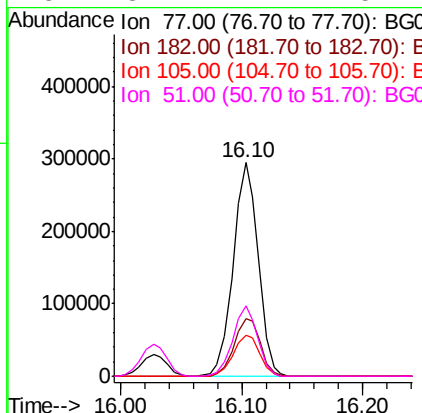
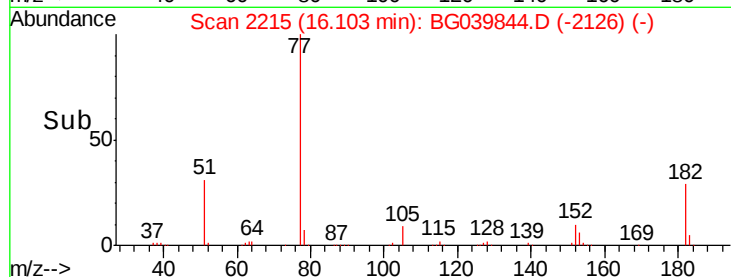
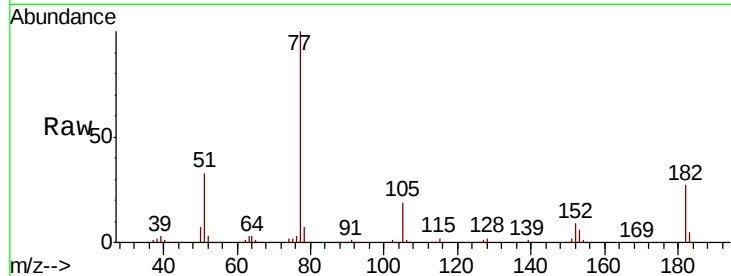
#63
Azobenzene
Concen: 37.323 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	6.4	46.4	
105	19.1	0.0	39.8	
51	32.7	14.1	54.1	

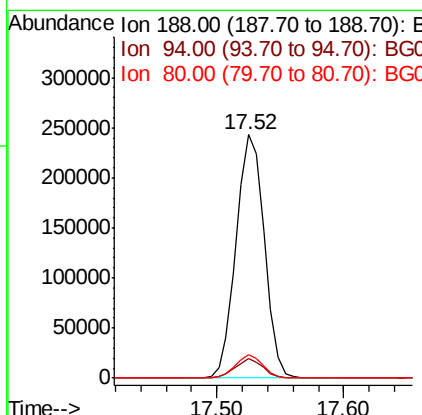
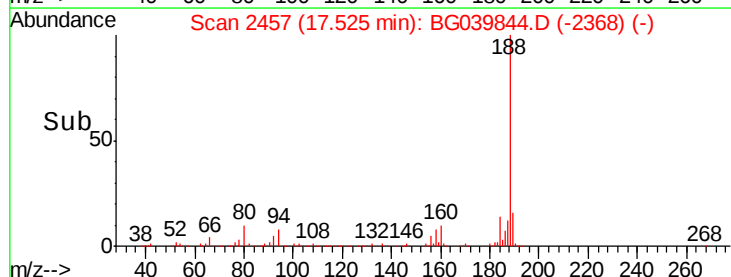
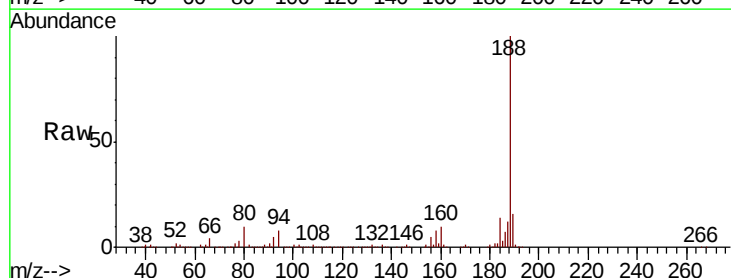
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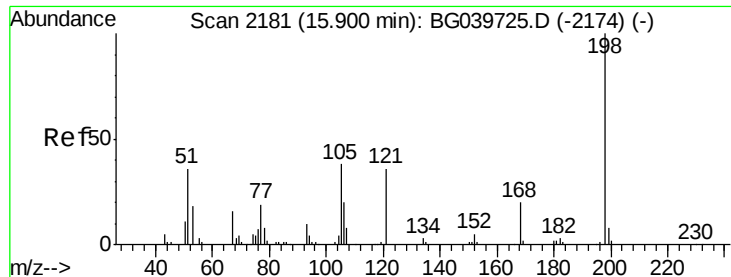
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	6.9	10.3	
80	9.6	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 38.584 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

TP-13MSD

Tot Ion:198 Resp: 85202

Ion Ratio Lower Upper

198 100

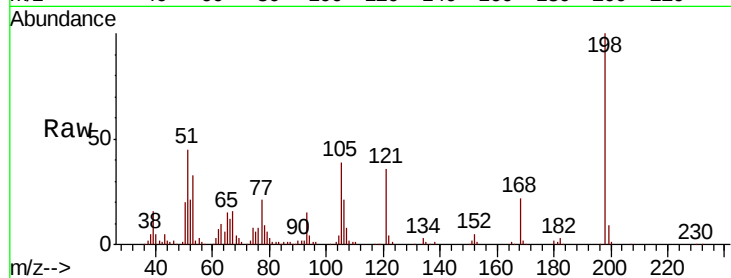
51 45.0 27.4 67.4

105 39.3 19.7 59.7

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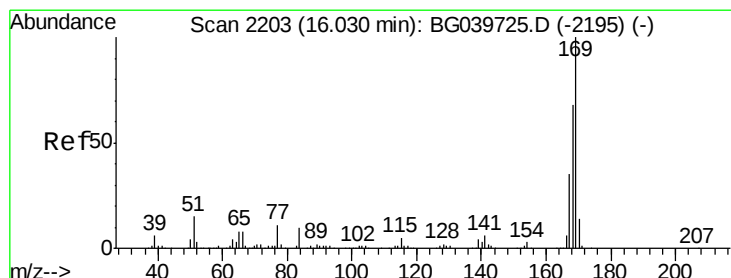
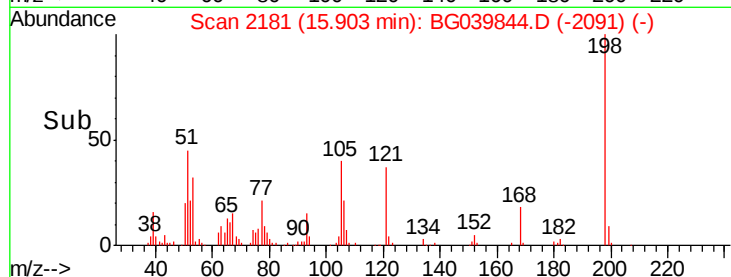
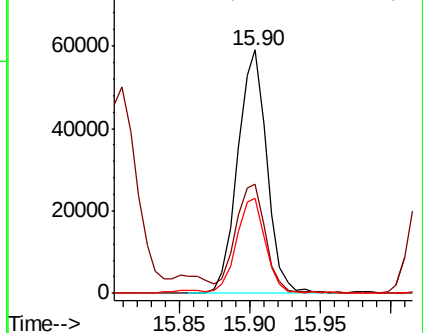
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.238 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

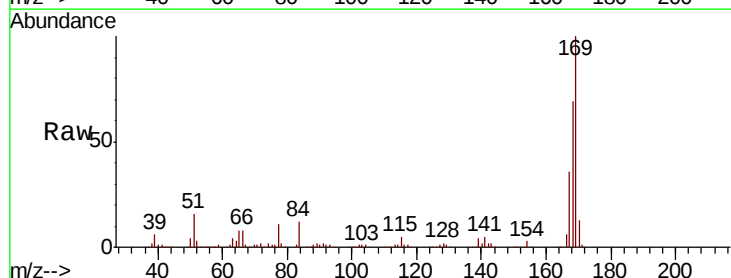
Tgt Ion:169 Resp: 413434

Ion Ratio Lower Upper

169 100

168 69.2 56.6 85.0

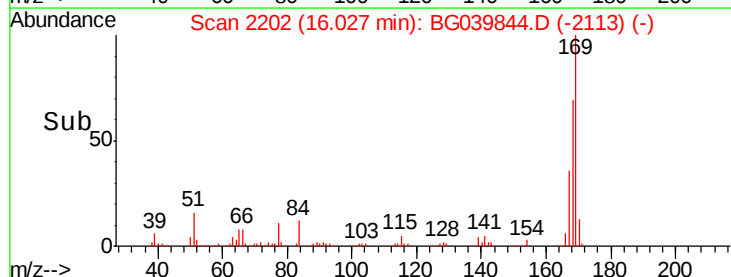
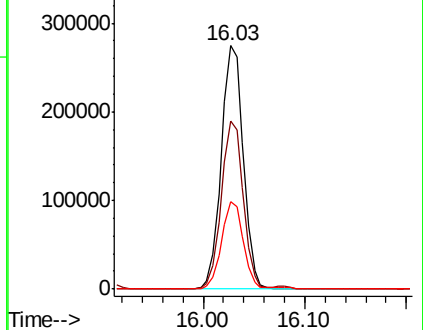
167 36.2 28.8 43.2

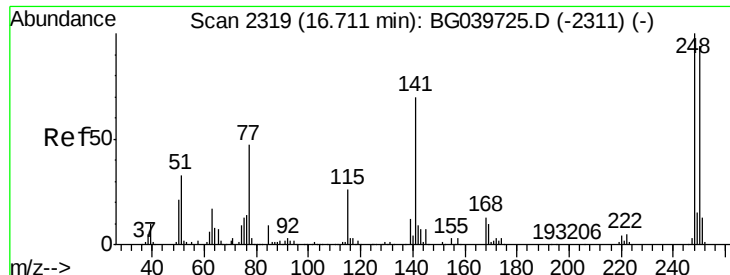


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67
 4-Bromophenyl-phenylether
 Concen: 37.640 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

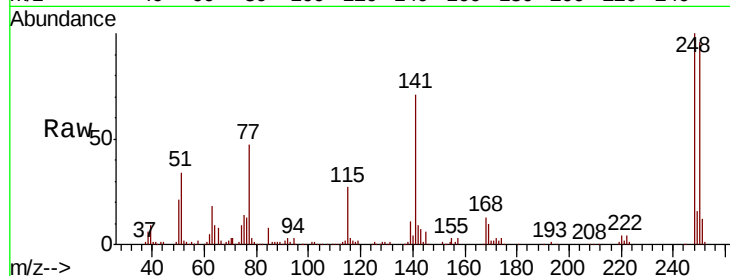
Instrument :
 BNA_G
 ClientSampled :
 TP-13MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.6	116.4
141	70.7	63.9	95.9

Manual Integrations
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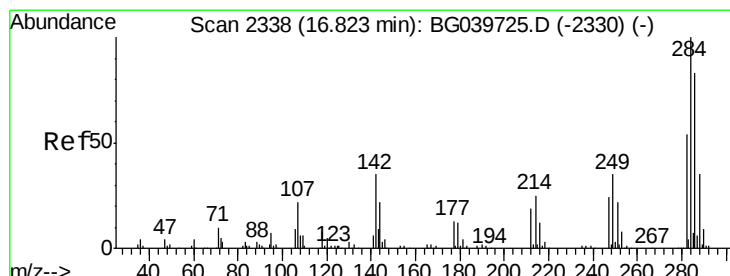
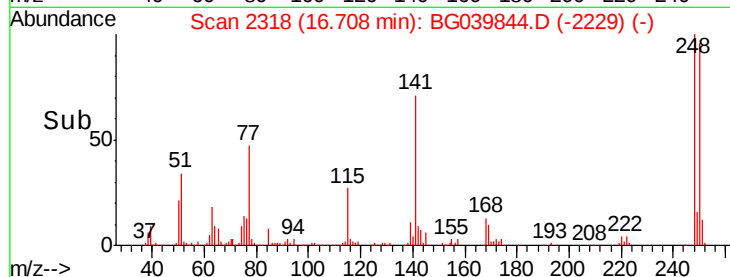
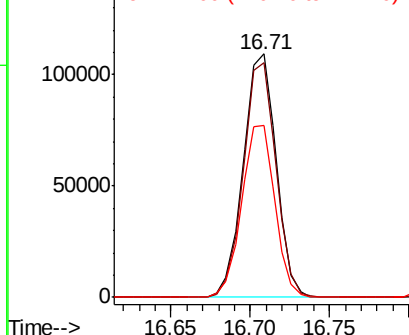


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.465 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

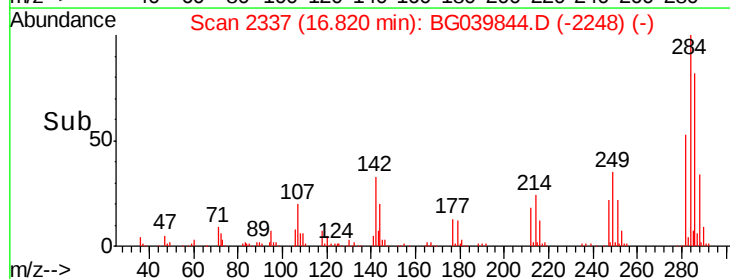
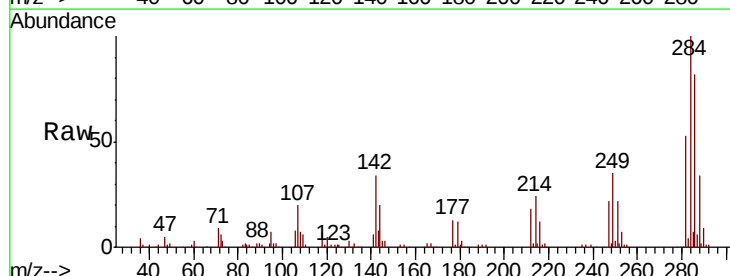
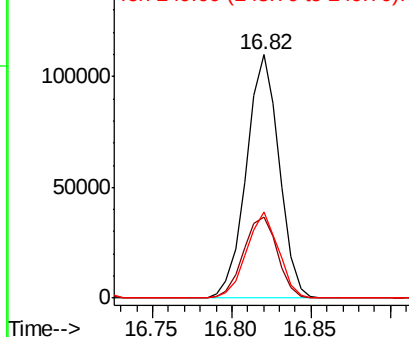
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	30.6	45.8
249	35.1	28.2	42.2

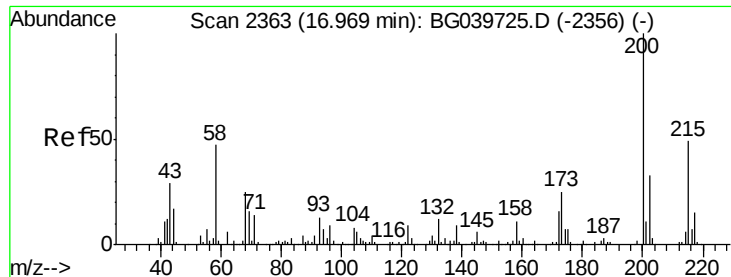
Abundance

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: 39.161 ng
 RT: 16.97 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

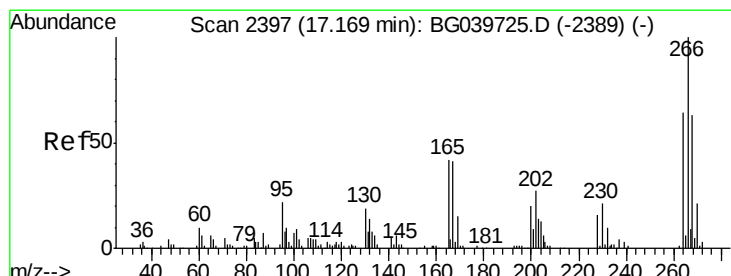
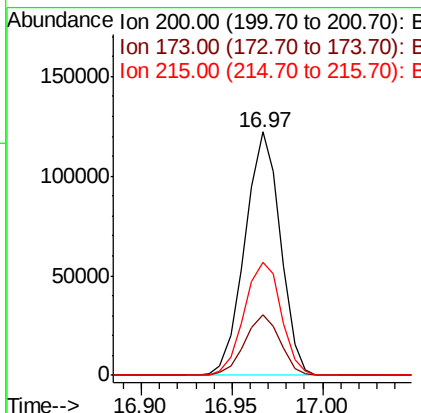
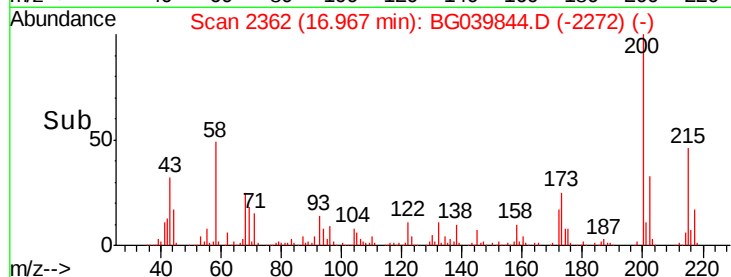
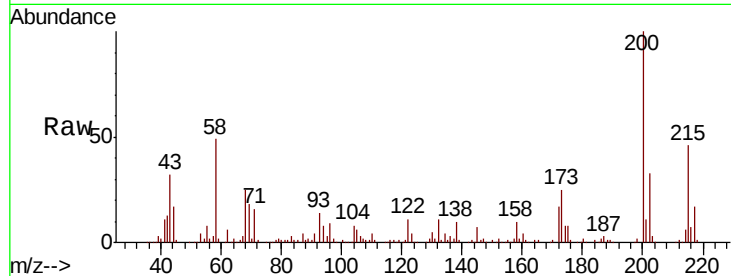
Instrument :
 BNA_G
 ClientSampleId :
 TP-13MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.8	3.9	43.9
215	46.3	30.9	70.9

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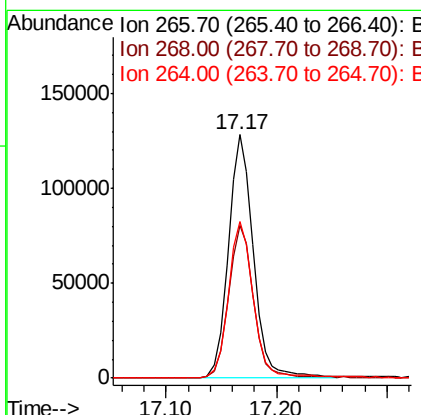
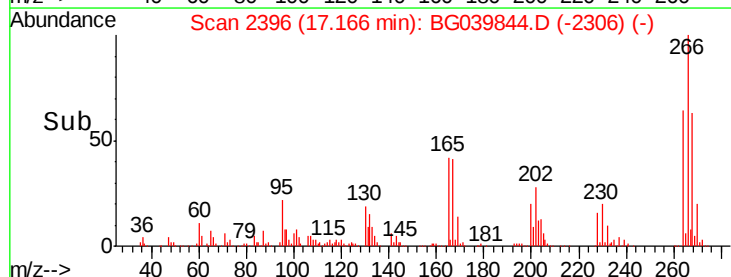
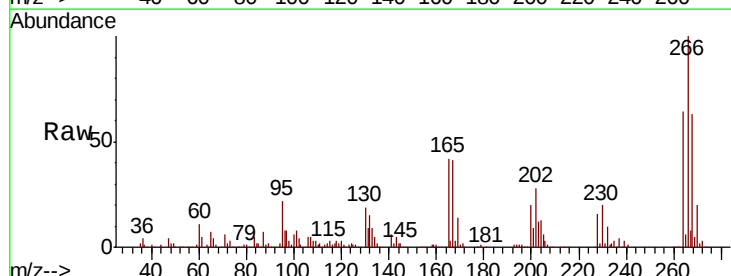
Sohil

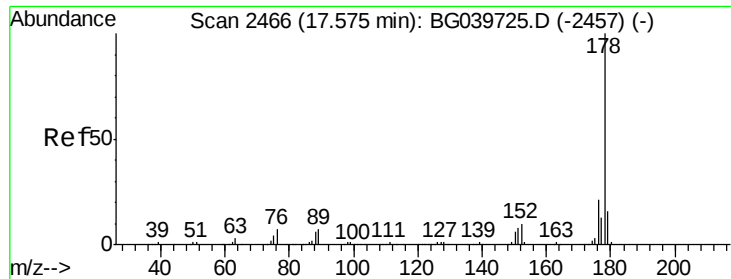
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#70
 Pentachlorophenol
 Concen: 74.199 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.1	76.7
264	64.4	52.1	78.1





#71

Phenanthrene

Concen: 36.215 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

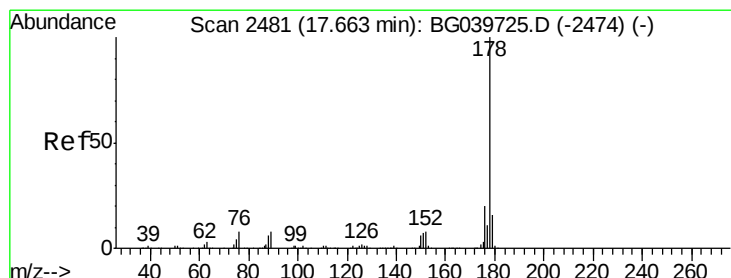
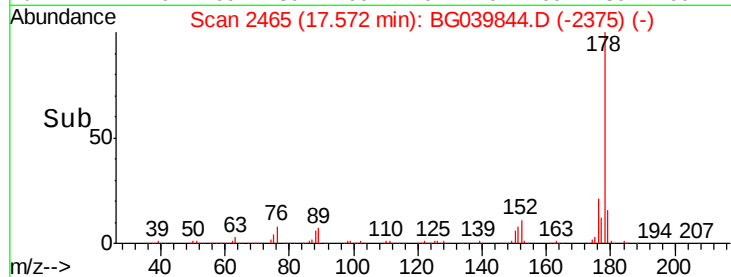
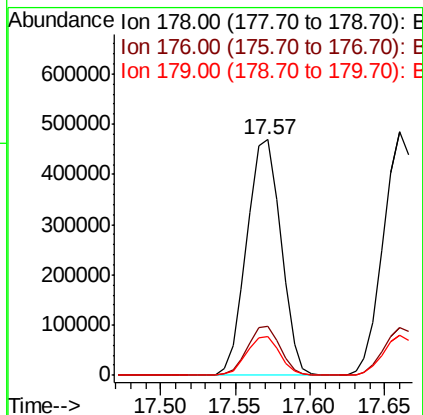
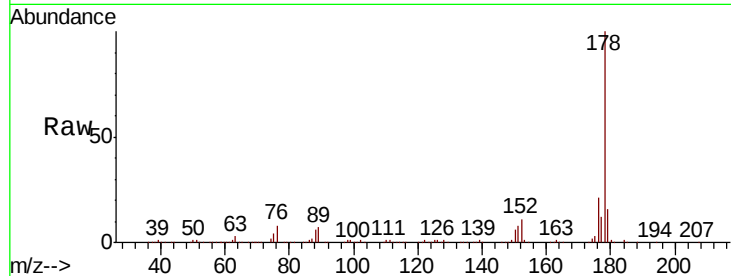
TP-13MSD

Tot Ion:178	Resp:	744990
Ion Ratio	Lower	Upper
178	100	
176	20.6	16.2 24.4
179	16.4	12.6 19.0

Manual Integrations
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#72

Anthracene

Concen: 37.795 ng

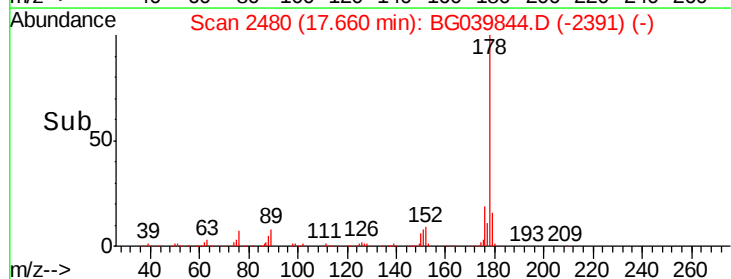
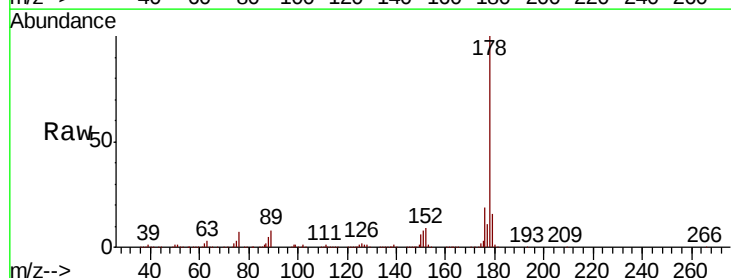
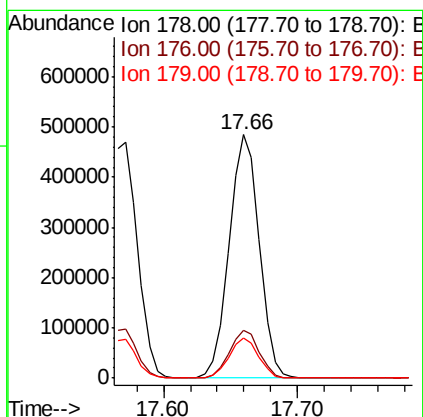
RT: 17.66 min Scan# 2480

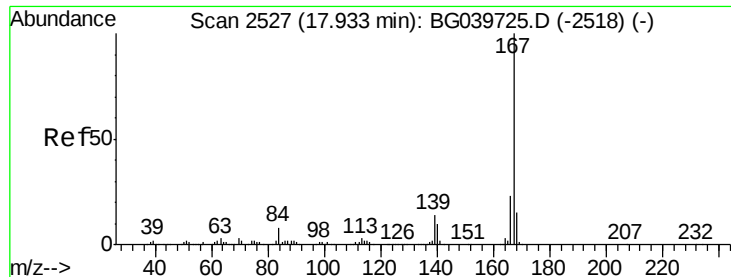
Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:178	Resp:	757651
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.6
179	16.5	12.5 18.7





#73

Carbazole

Concen: 37.250 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

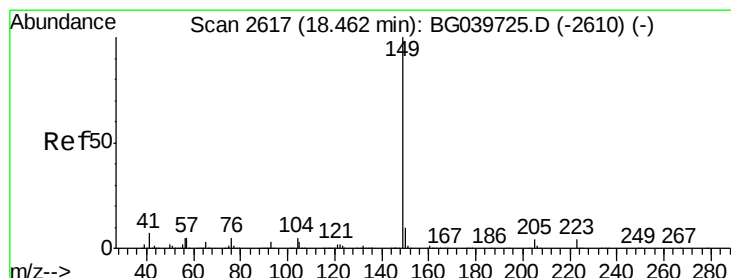
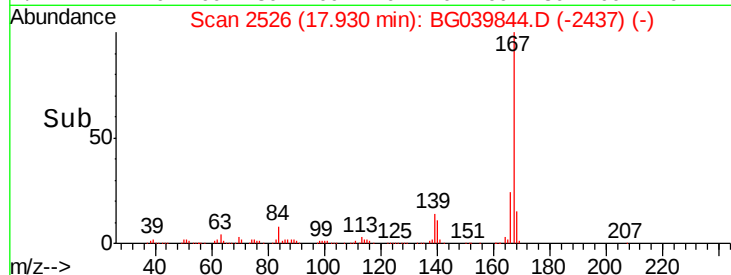
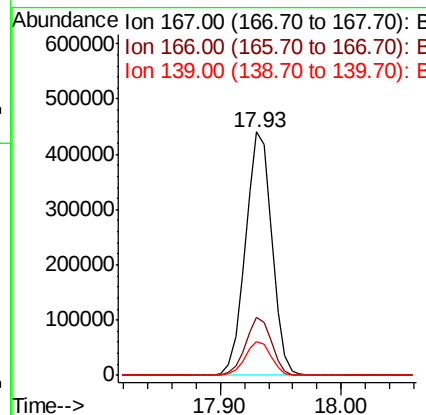
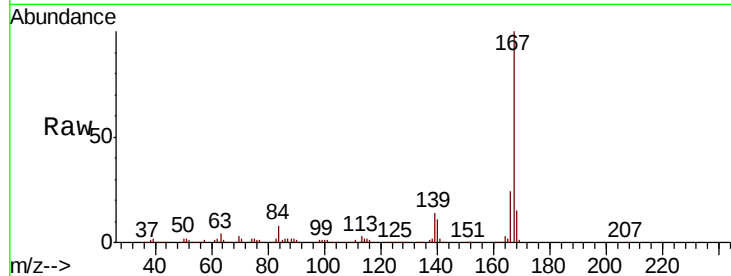
TP-13MSD

Tot Ion:	167	Resp:	673187
Ion Ratio	Lower	Upper	
167	100		
166	23.6	19.4	29.2
139	13.8	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 37.210 ng

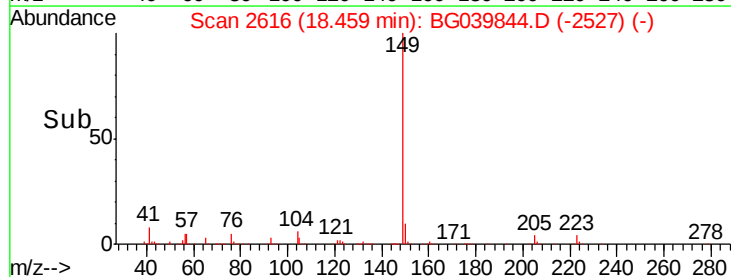
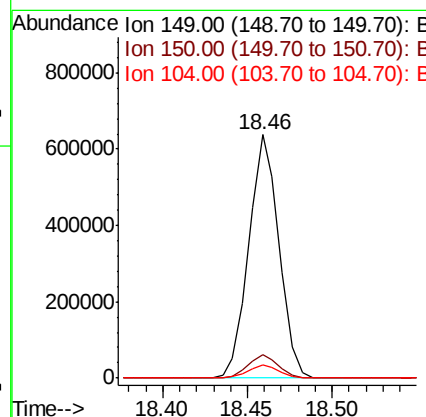
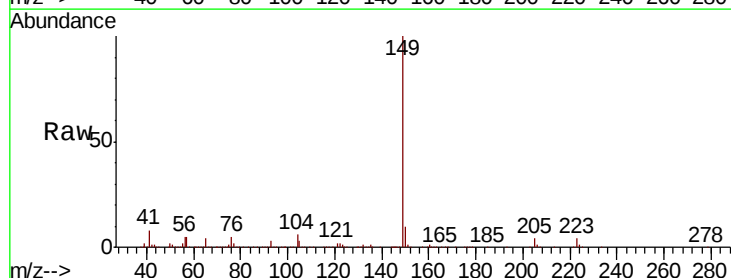
RT: 18.46 min Scan# 2616

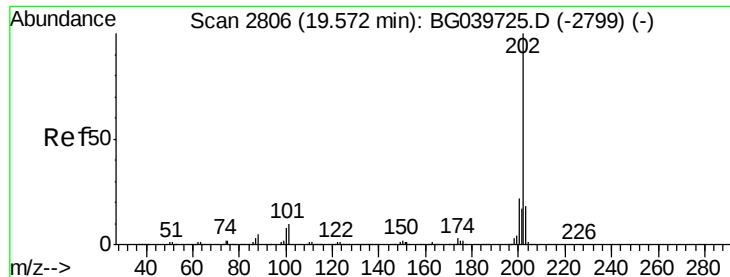
Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	149	Resp:	791191
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 35.066 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

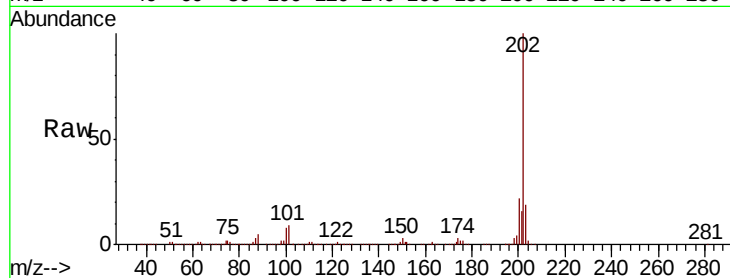
TP-13MSD

Tot Ion:	202	Resp:	852500
Ion Ratio		Lower	Upper
202	100		
101	8.7	0.0	30.0
203	18.6	0.0	38.9

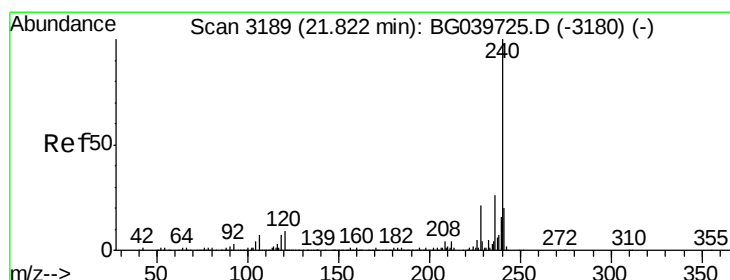
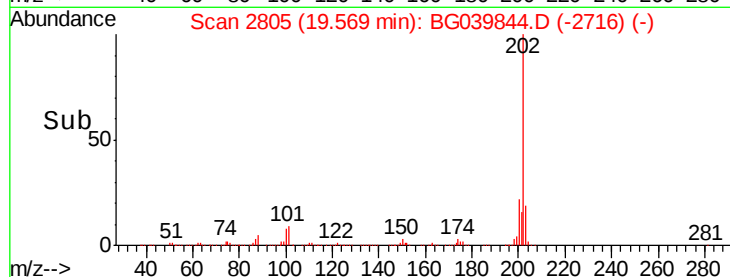
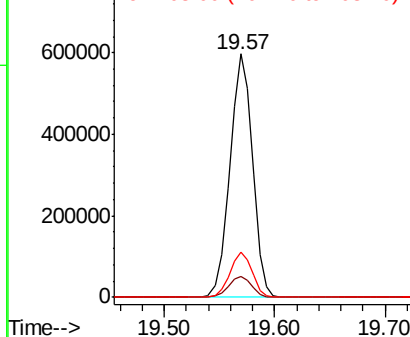
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

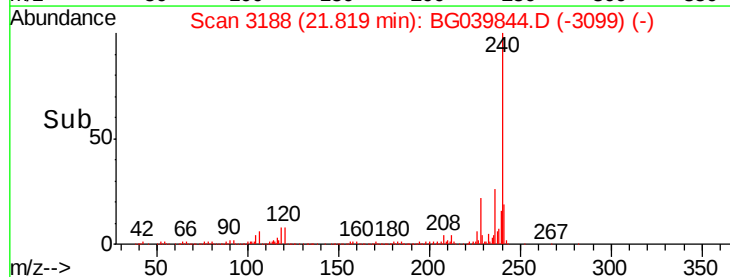
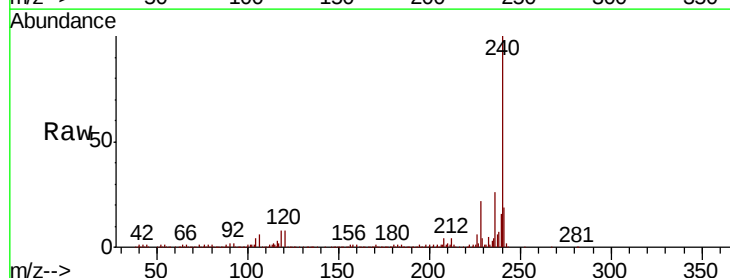
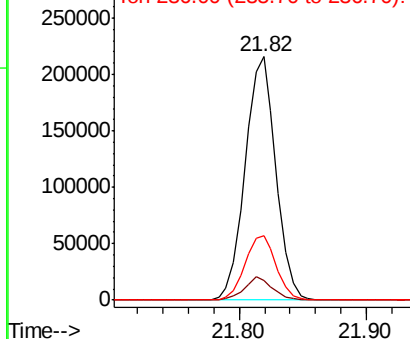
Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	240	Resp:	361787
Ion Ratio		Lower	Upper
240	100		
120	8.1	7.0	10.6
236	26.4	21.0	31.4

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





#77

Benzidine

Concen: 5.998 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

ClientSampleId :

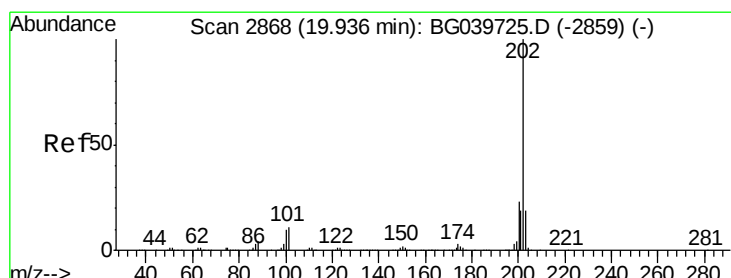
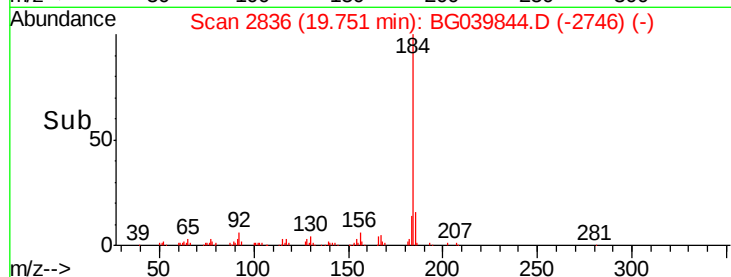
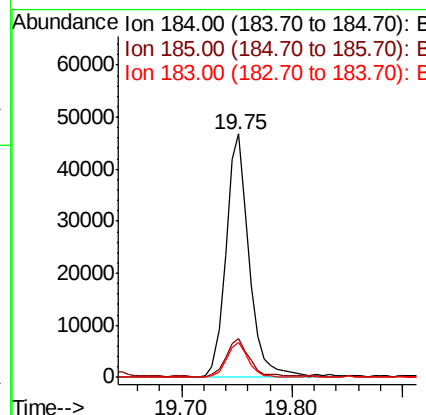
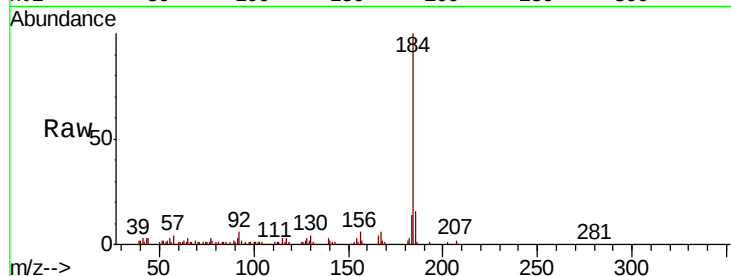
TP-13MSD

Tot Ion:	184	Resp:	68862
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	14.2	10.6	15.8

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#78

Pyrene

Concen: 36.285 ng

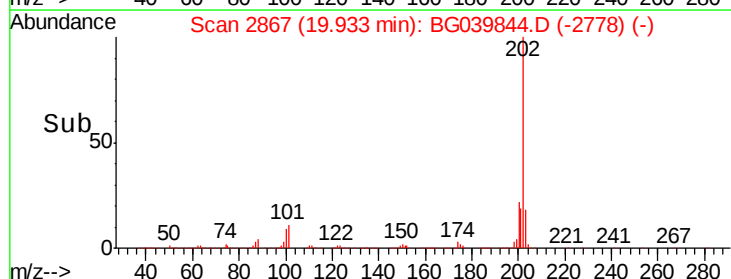
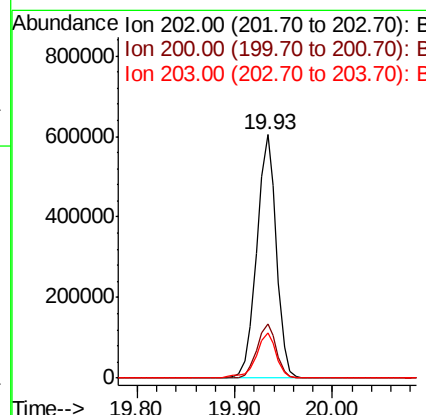
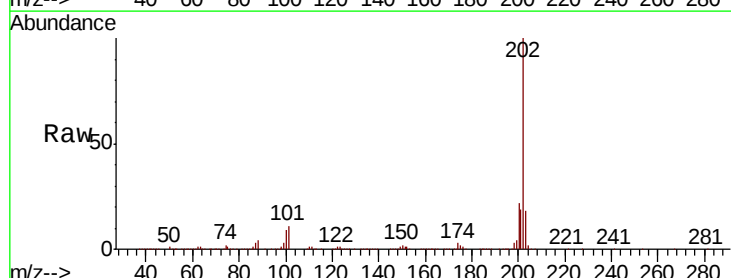
RT: 19.93 min Scan# 2867

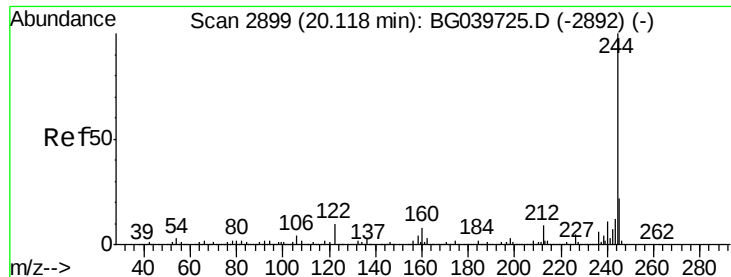
Delta R.T. -0.01 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Tgt Ion:	202	Resp:	853021
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.8
203	18.5	15.3	22.9





#79
 Terphenyl-d14
 Concen: 69.337 ng
 RT: 20.12 min Scan# 2898
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

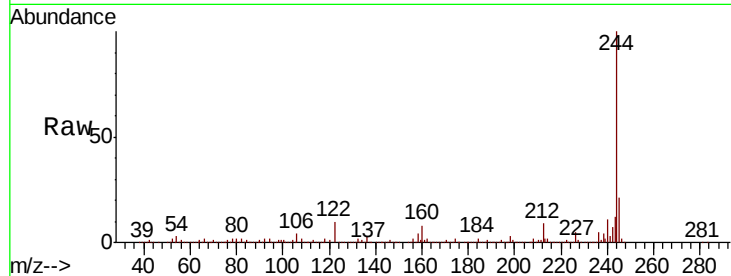
Instrument :
 BNA_G
 ClientSampled :
 TP-13MSD

Tot Ion:244 Resp: 1139308
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.3 10.9
 122 9.9 8.4 12.6

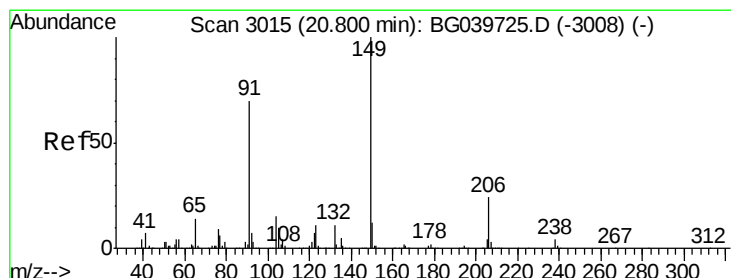
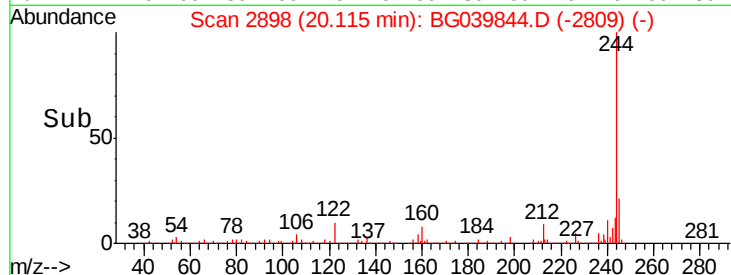
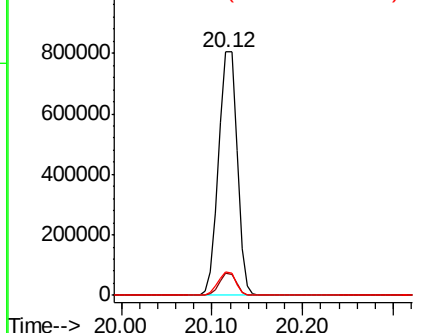
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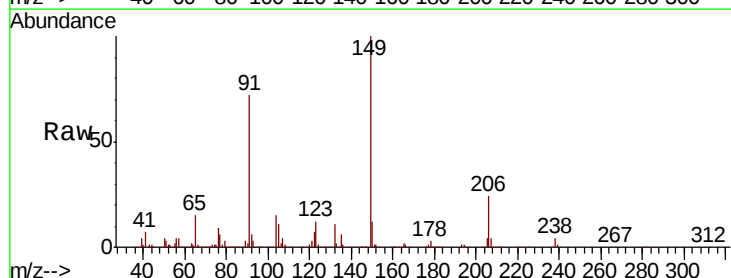


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

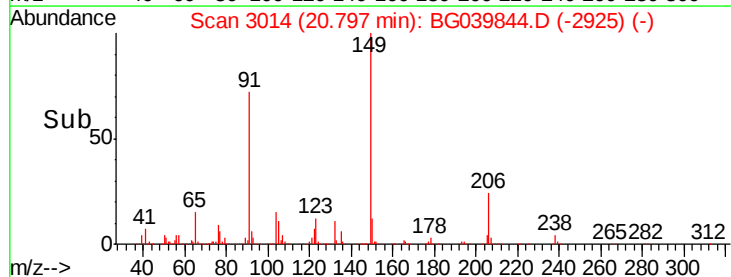
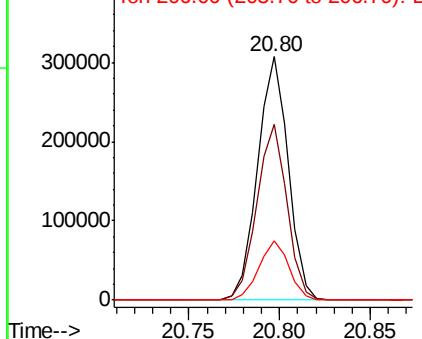


#80
 Butylbenzylphthalate
 Concen: 40.066 ng
 RT: 20.80 min Scan# 3014
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion:149 Resp: 364922
 Ion Ratio Lower Upper
 149 100
 91 71.9 59.5 89.3
 206 24.1 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E





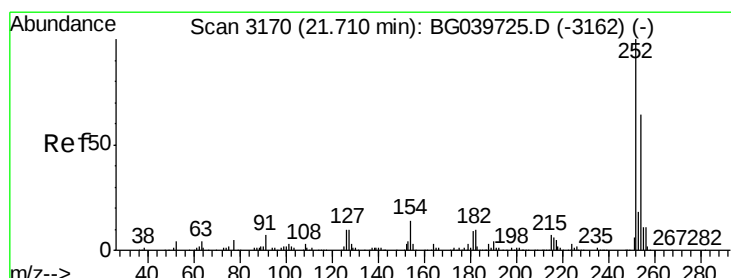
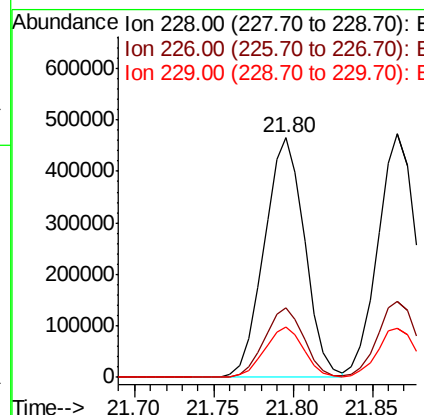
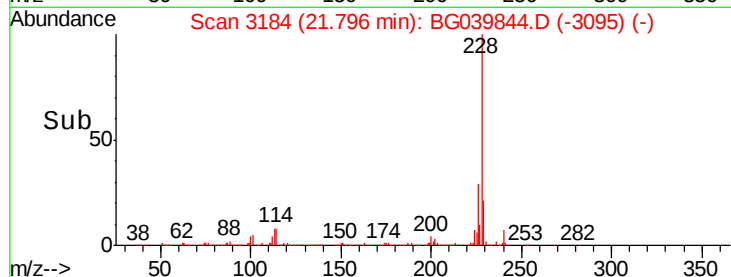
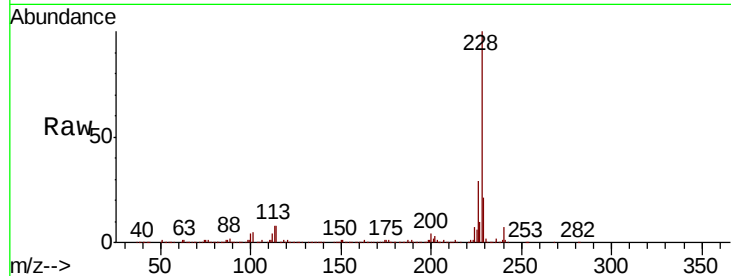
#81
Benzo(a)anthracene
Concen: 36.180 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	20.9	16.9	25.3

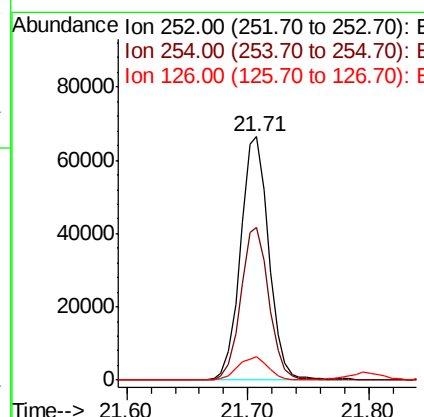
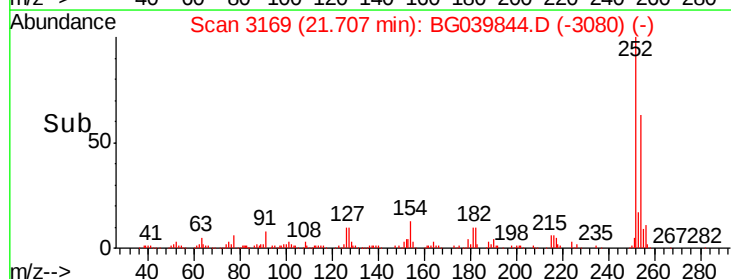
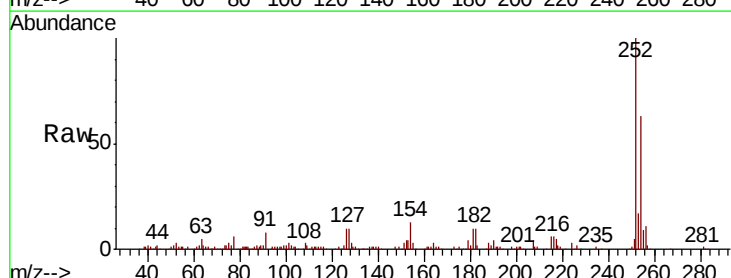
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#82
3,3'-Dichlorobenzidine
Concen: 13.124 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.3	76.9
126	9.7	8.0	12.0





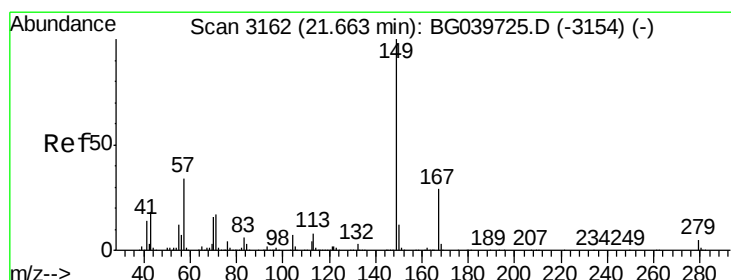
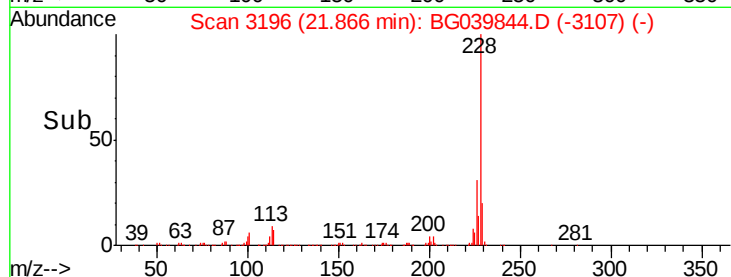
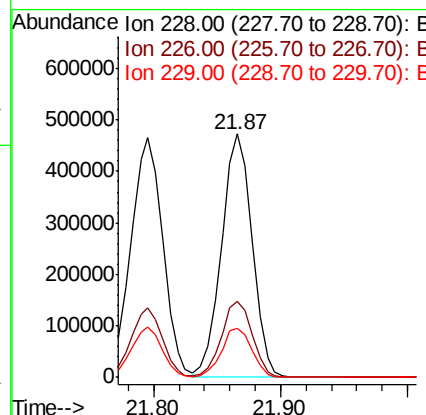
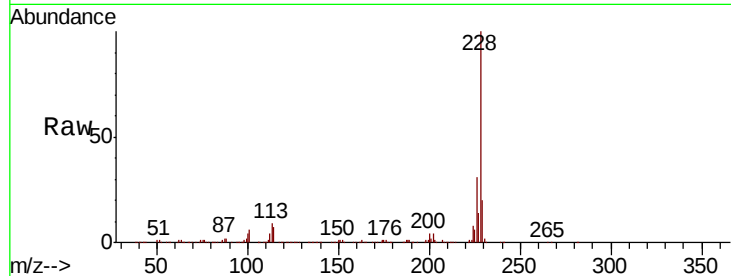
#83
 Chrvsene
 Concen: 35.968 ng
 RT: 21.87 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-13MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.0	16.6	25.0

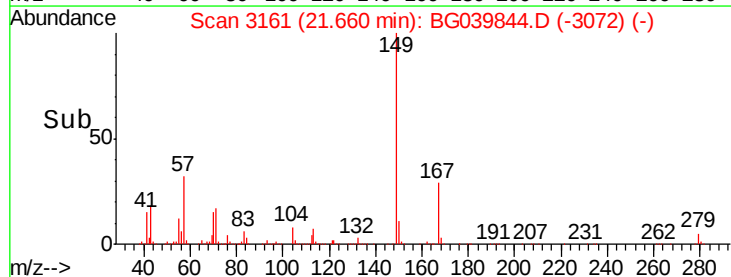
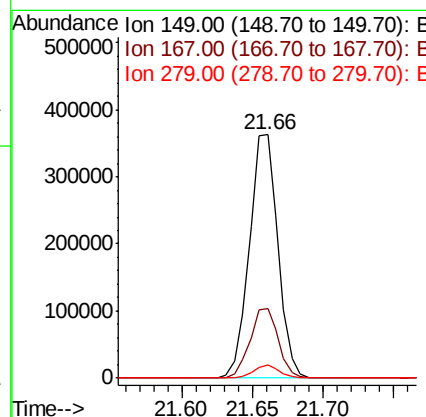
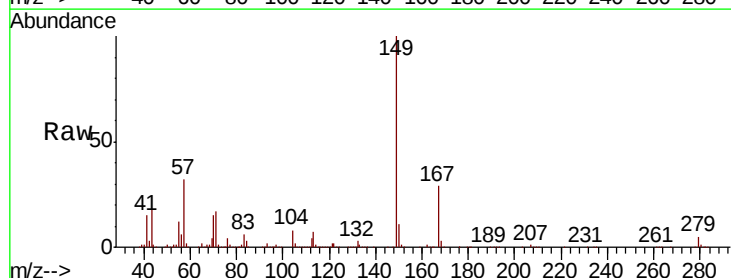
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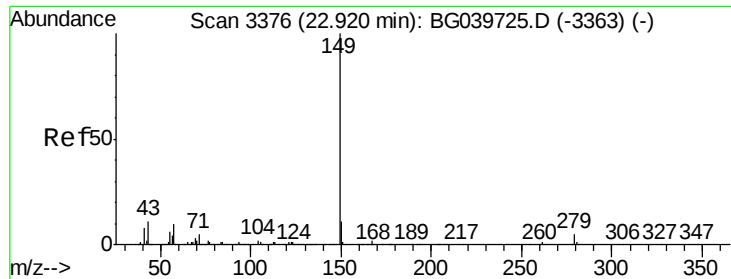
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.192 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.01 min
 Lab File: BG039844.D
 Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	5.2	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 41.156 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BG039844.D

Acq: 11 Mar 2019 16:32

Instrument :

BNA_G

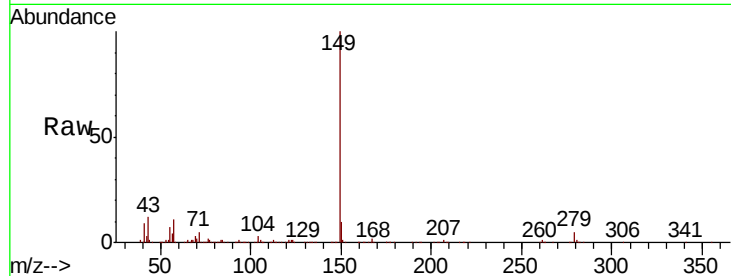
ClientSampleId :

TP-13MSD

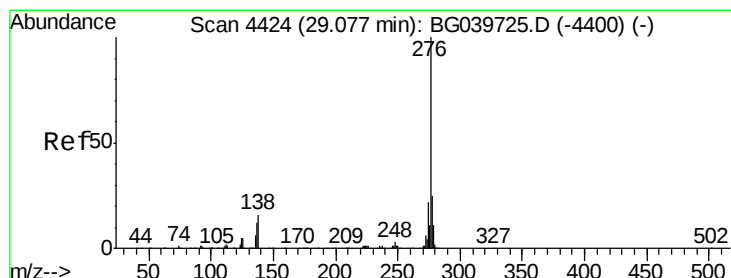
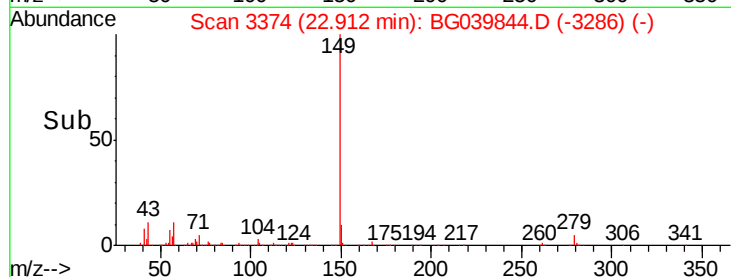
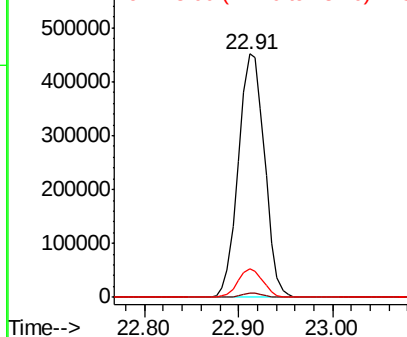
Tot Ion:	149	Resp:	872178
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.778 ng

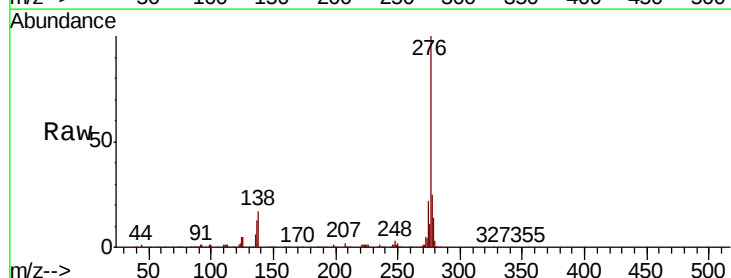
RT: 29.07 min Scan# 4422

Delta R.T. -0.02 min

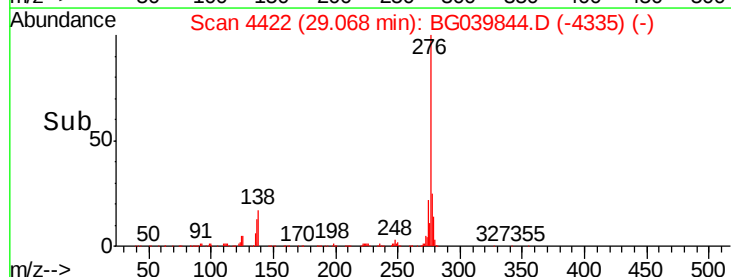
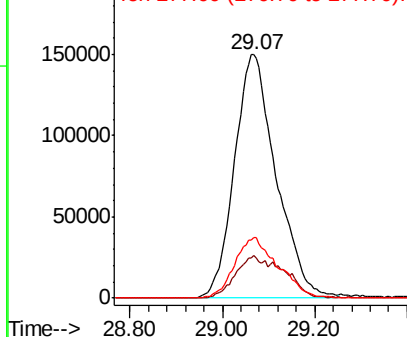
Lab File: BG039844.D

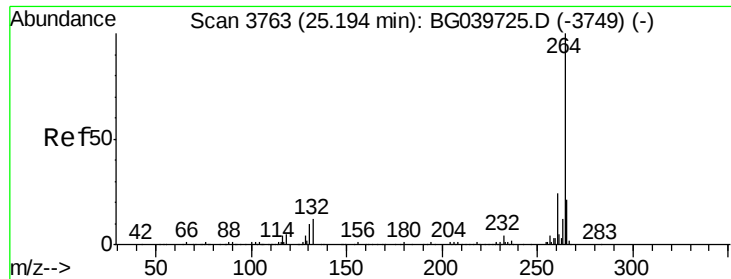
Acq: 11 Mar 2019 16:32

Tgt Ion:	276	Resp:	942086
Ion Ratio	Lower	Upper	
276	100		
138	13.1	12.6	19.0
277	25.9	20.8	31.2



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





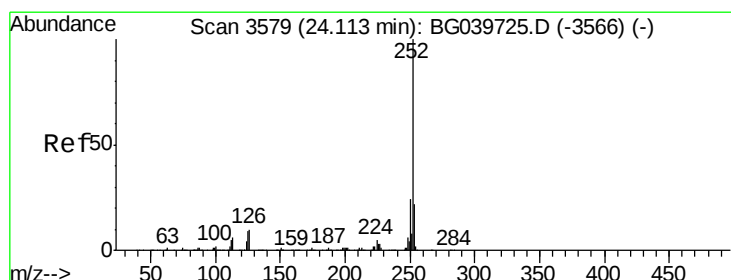
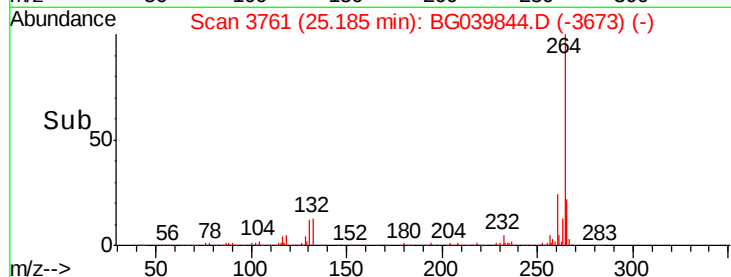
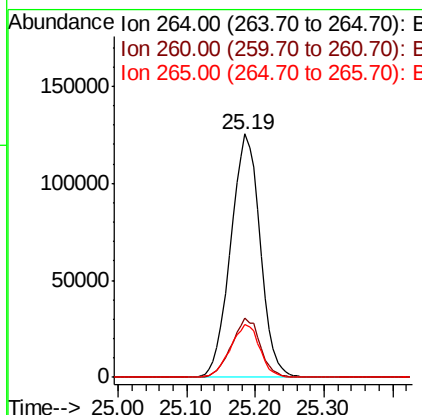
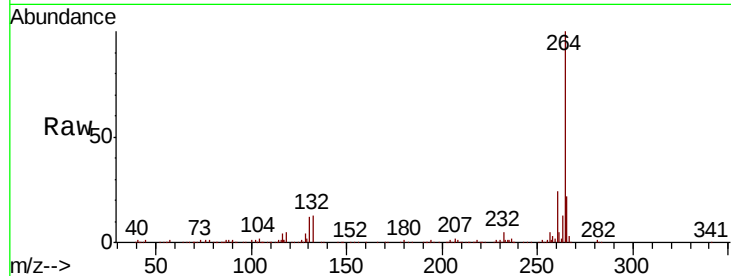
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.2	27.4
265	21.7	18.5	27.7

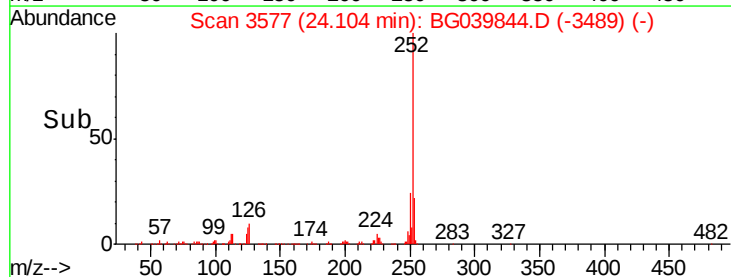
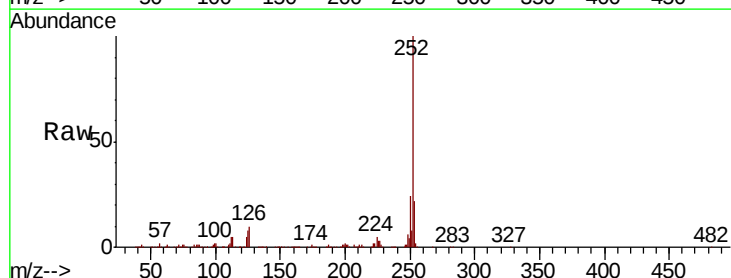
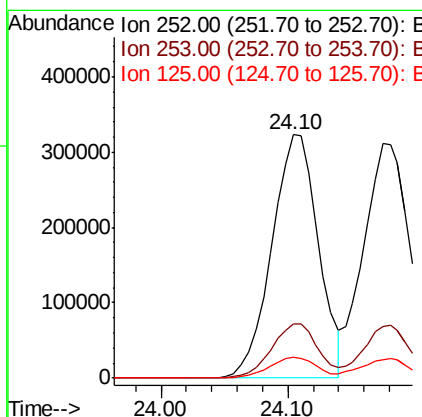
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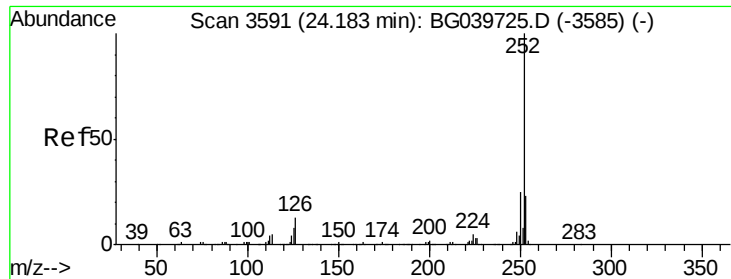
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#88
Benzo(b)fluoranthene
Concen: 36.844 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.5	7.8	11.6





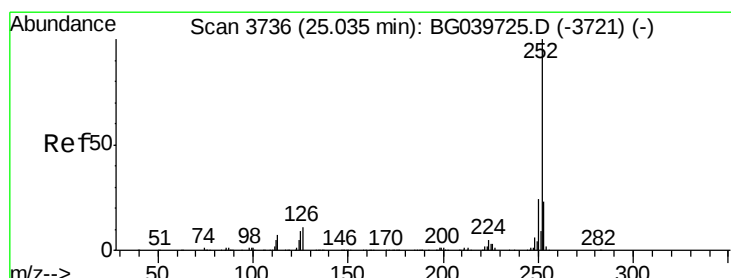
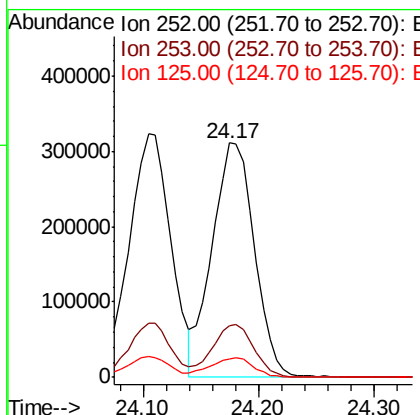
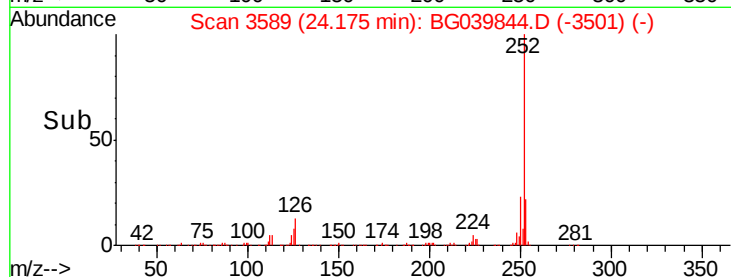
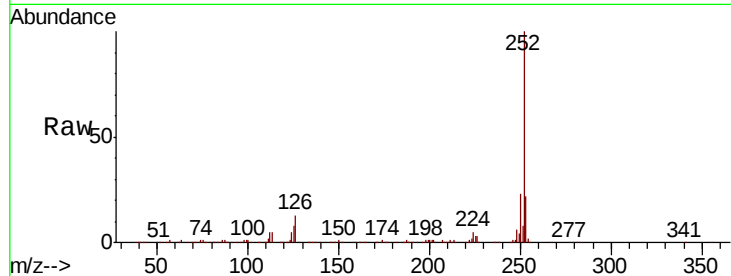
#89
Benzo(k)fluoranthene
Concen: 38.043 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.9	7.4	11.2

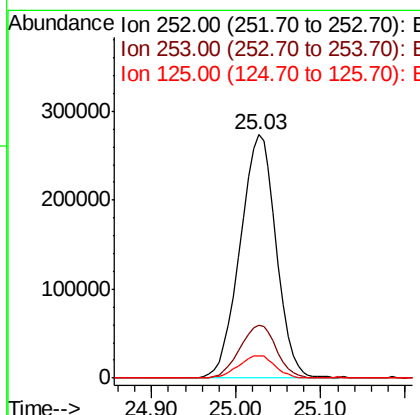
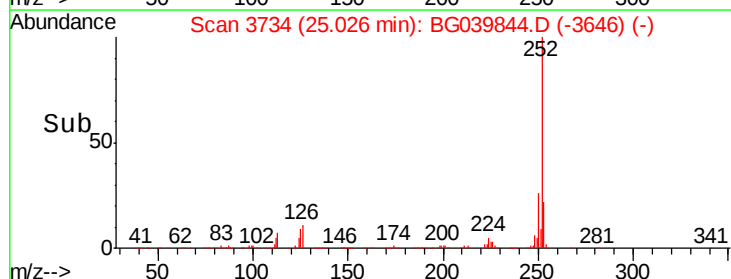
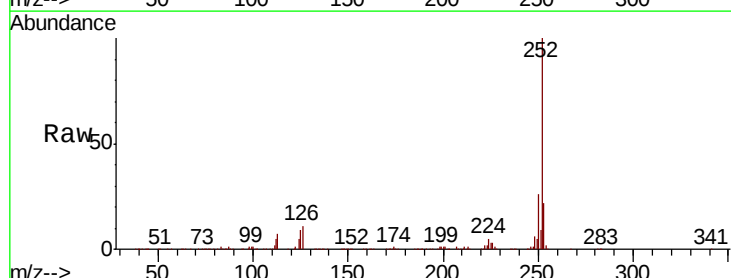
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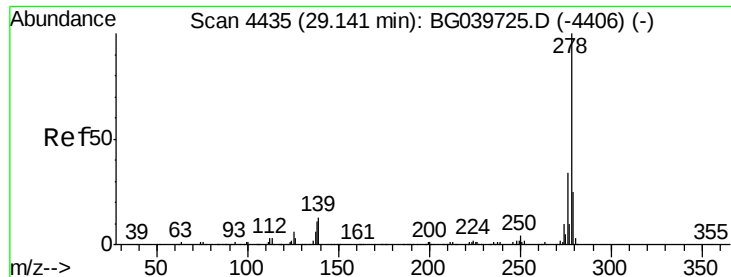
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#90
Benzo(a)pyrene
Concen: 39.255 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.2	8.3	12.5





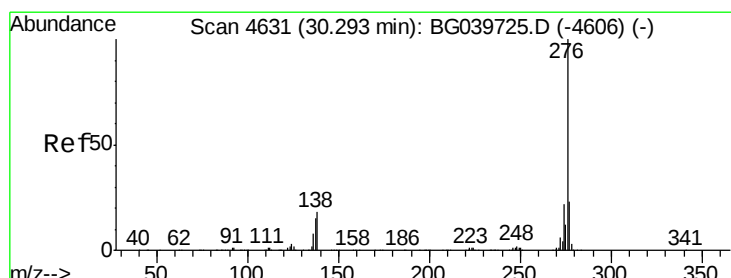
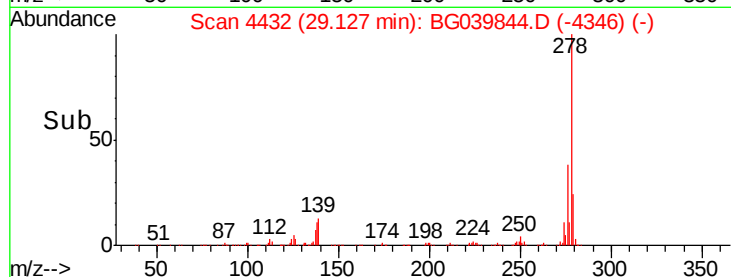
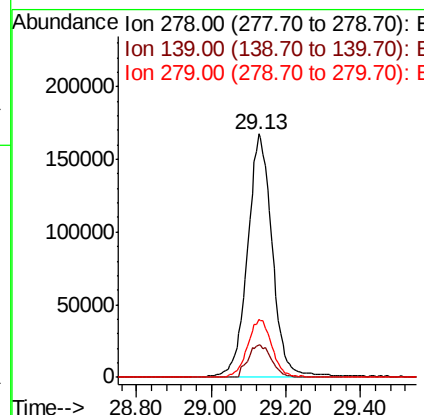
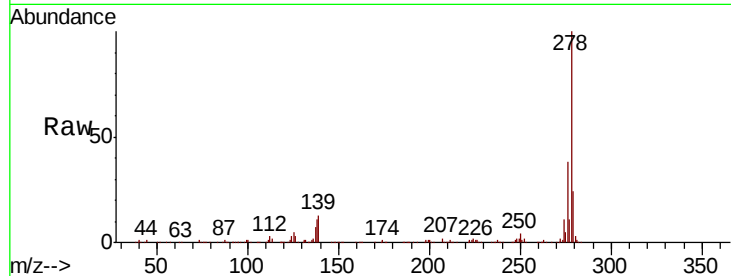
#91
Dibenzo(a,h)anthracene
Concen: 38.190 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Instrument :
BNA_G
ClientSampleId :
TP-13MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.0	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 38.527 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.02 min
Lab File: BG039844.D
Acq: 11 Mar 2019 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	18.1	14.7	22.1

