

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
 Data File : BG040016.D
 Acq On : 19 Mar 2019 23:57
 Operator : JU/SJ
 Sample : K1941-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Manual Integrations
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Sohil
 3/20/2019 4:59:41 PM

Quant Time: Mar 20 04:53:00 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	8.14	152	43012	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	183968	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	124570	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	297543	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	303369	20.00	ng	-0.02
87) Perylene-d12	25.16	264	316624	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	352466	139.80	ng	-0.02
7) Phenol-d6	7.30	99	514805	136.94	ng	-0.02
23) Nitrobenzene-d5	9.32	82	309528	91.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	197459	136.00	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	677639	77.45	ng	-0.02
79) Terphenyl-d14	20.11	244	1070363	77.69	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	34722	29.831	ng	99
3) Pyridine	3.98	79	40926	13.134	ng	93
4) n-Nitrosodimethylamine	3.90	42	55214	37.350	ng	# 98
6) Aniline	7.47	93	104717	21.262	ng	99
8) 2-Chlorophenol	7.71	128	116367	38.045	ng	96
9) Benzaldehyde	7.28	77	43479	17.930	ng	94
10) Phenol	7.33	94	199222	48.919	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	114643	36.106	ng	98
12) 1,3-Dichlorobenzene	8.03	146	122409	35.385	ng	99
13) 1,4-Dichlorobenzene	8.18	146	125183	35.527	ng	97
14) 1,2-Dichlorobenzene	8.50	146	119741	35.172	ng	99
15) Benzyl Alcohol	8.38	79	116054	38.918	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	234253	36.888	ng	99
17) 2-Methylphenol	8.58	107	104997	40.434	ng	99
18) Hexachloroethane	9.22	117	45352	35.870	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	96703	35.739	ng	98
20) 3+4-Methylphenols	8.91	107	145441	40.316	ng	96
22) Acetophenone	8.97	105	181969	36.853	ng	96
24) Nitrobenzene	9.36	77	144505	40.495	ng	96
25) Isophorone	9.88	82	278982	39.143	ng	100
26) 2-Nitrophenol	10.08	139	69126	40.122	ng	# 89
27) 2,4-Dimethylphenol	10.12	122	121384	45.300	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	166606	38.466	ng	99
29) 2,4-Dichlorophenol	10.60	162	132207	43.822	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	131990	38.880	ng	97
31) Naphthalene	11.02	128	371717	38.163	ng	98
32) Benzoic acid	10.25	122	55804	32.760	ng	97
33) 4-Chloroaniline	11.13	127	68186	16.509	ng	97
34) Hexachlorobutadiene	11.27	225	86643	37.349	ng	97
35) Caprolactam	11.91	113	46015m	39.928	ng	
36) 4-Chloro-3-methylphenol	12.23	107	143912	41.613	ng	97
37) 2-Methylnaphthalene	12.61	142	285291	39.177	ng	98
38) 1-Methylnaphthalene	12.82	142	272889	38.561	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	161074	38.168	ng	99

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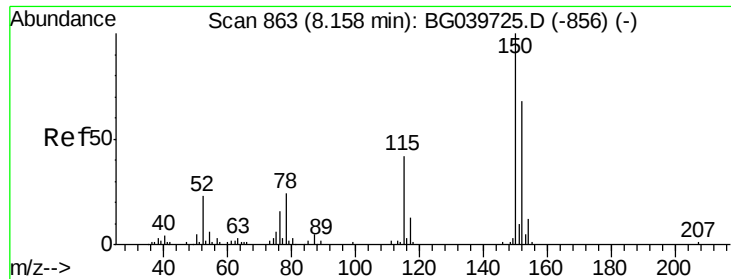
Manual Integrations
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 3/20/2019 4:59:41 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	214676	94.923	nq	96
43) 2,4,6-Trichlorophenol	13.21	196	110209	44.607	nq	94
44) 2,4,5-Trichlorophenol	13.28	196	116819	41.947	nq	98
46) 1,1'-Biphenyl	13.61	154	388150	37.884	nq	98
47) 2-Chloronaphthalene	13.65	162	297413	38.586	nq	99
48) 2-Nitroaniline	13.86	65	108705	43.885	nq	97
49) Acenaphthylene	14.50	152	481945	38.089	nq	99
50) Dimethylphthalate	14.22	163	487771	46.827	nq	100
51) 2,6-Dinitrotoluene	14.35	165	89954	40.736	nq	97
52) Acenaphthene	14.83	154	290992	38.210	nq	99
53) 3-Nitroaniline	14.69	138	59041	26.598	nq	# 96
54) 2,4-Dinitrophenol	14.89	184	116287	83.274	nq	99
55) Dibenzofuran	15.17	168	480787	38.479	nq	98
56) 4-Nitrophenol	14.99	139	158082	79.610	nq	93
57) 2,4-Dinitrotoluene	15.13	165	129486	41.732	nq	93
58) Fluorene	15.81	166	379154	38.600	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	118159	43.444	nq	100
60) Diethylphthalate	15.57	149	411650	39.921	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	200369	38.227	nq	98
62) 4-Nitroaniline	15.85	138	96296	40.016	nq	98
63) Azobenzene	16.10	77	374391	40.054	nq	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	78716	44.743	nq	98
66) n-Nitrosodiphenylamine	16.02	169	344916	40.042	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	132536	39.795	nq	97
68) Hexachlorobenzene	16.81	284	135992	39.392	nq	98
69) Atrazine	16.96	200	139289	41.087	nq	95
70) Pentachlorophenol	17.16	266	172179	78.970	nq	99
71) Phenanthrene	17.56	178	633607	38.660	nq	99
72) Anthracene	17.65	178	643910	40.318	nq	99
73) Carbazole	17.92	167	572536	39.765	nq	99
74) Di-n-butylphthalate	18.45	149	691685	40.831	nq	99
75) Fluoranthene	19.56	202	745481	38.489	nq	98
77) Benzidine	19.74	184	20415	2.121	nq	98
78) Pyrene	19.92	202	758713	38.488	nq	99
80) Butylbenzylphthalate	20.78	149	326355	42.731	nq	99
81) Benzo(a)anthracene	21.78	228	722466	37.999	nq	100
82) 3,3'-Dichlorobenzidine	21.69	252	178881	25.770	nq	96
83) Chrysene	21.85	228	694530	37.679	nq	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	458373	42.710	nq	99
85) Di-n-octyl phthalate	22.89	149	785229	44.188	nq	96
86) Indeno(1,2,3-cd)pyrene	29.03	276	833769	39.873	nq	98
88) Benzo(b)fluoranthene	24.09	252	730327	38.681	nq	98
89) Benzo(k)fluoranthene	24.16	252	709727	40.382	nq	98
90) Benzo(a)pyrene	25.01	252	718142	41.161	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	678592	39.674	nq	97
92) Benzo(g,h,i)perylene	30.25	276	694331	40.419	nq	98

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



#1

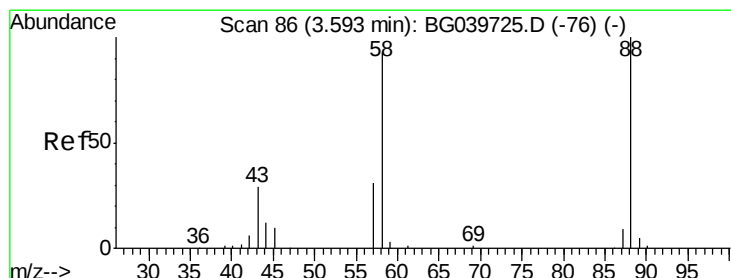
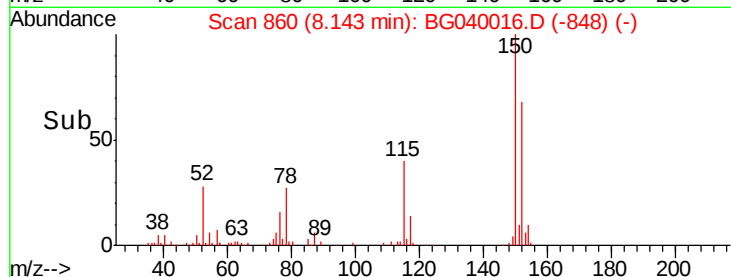
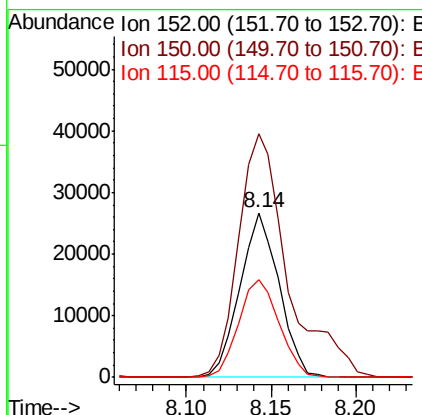
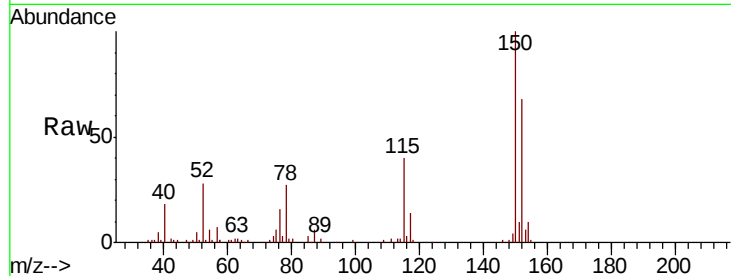
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	123.7	185.5
115	59.2	45.9	68.9

Manual Integrations
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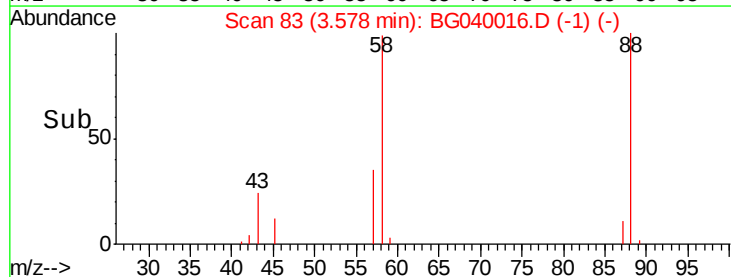
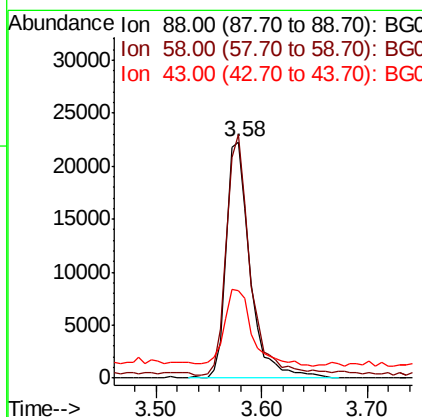
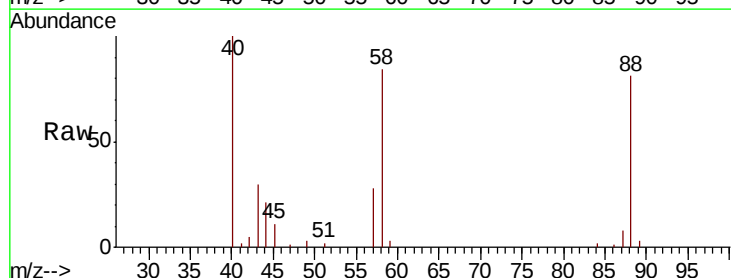
Sohil
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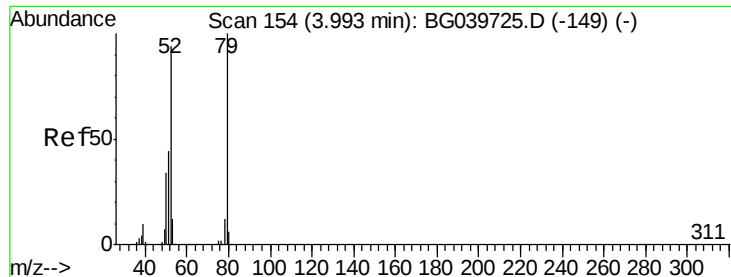


#2

1,4-Dioxane
Concen: 29.831 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.4	81.1	121.7
43	38.0	31.4	47.0





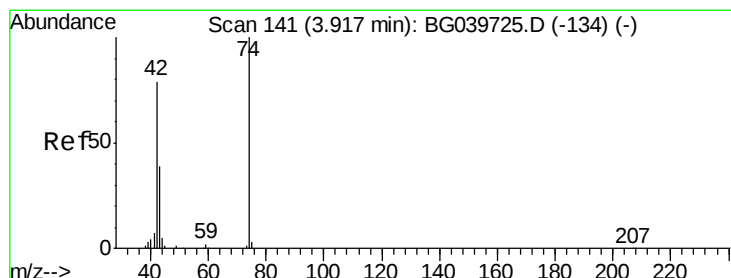
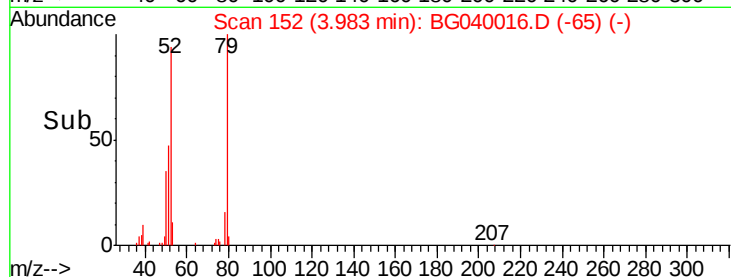
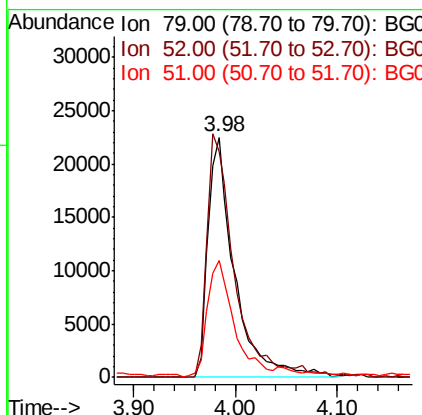
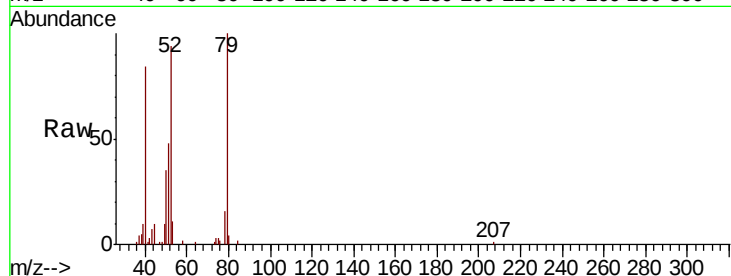
#3
 Pvridine
 Concen: 13.134 ng
 RT: 3.98 min Scan# 152
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.8	82.6	124.0
51	48.5	37.5	56.3

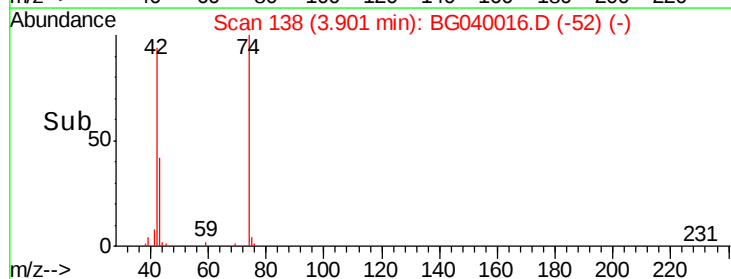
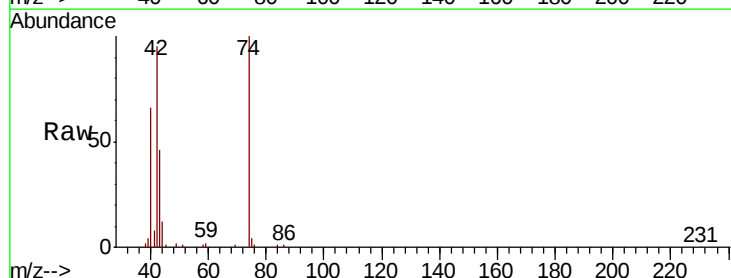
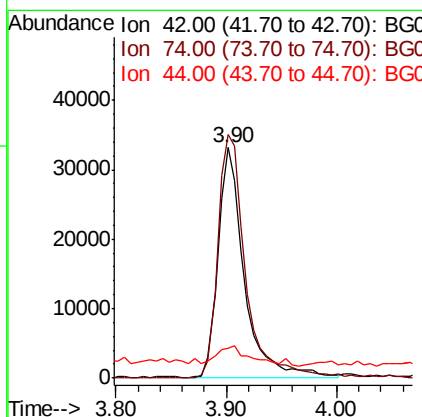
Manual Integrations
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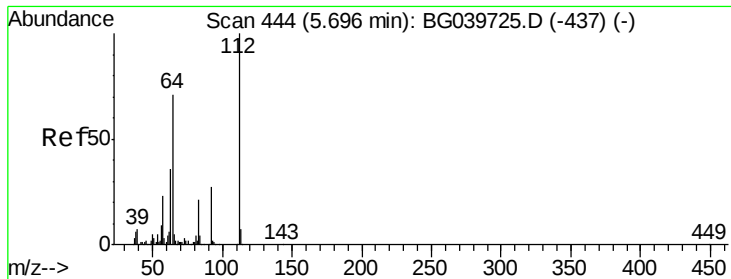
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#4
 n-Nitrosodimethylamine
 Concen: 37.350 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.03 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.6	83.6	125.4
44	12.9	6.9	10.3#





#5

2-Fluorophenol

Concen: 139.801 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

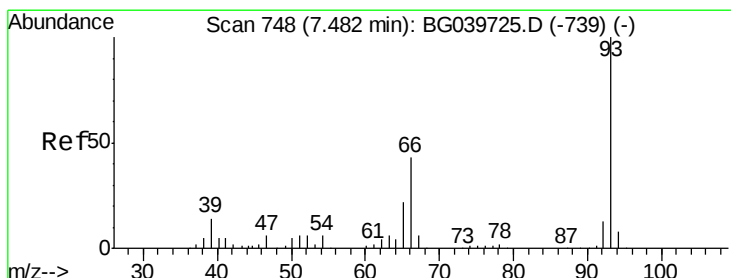
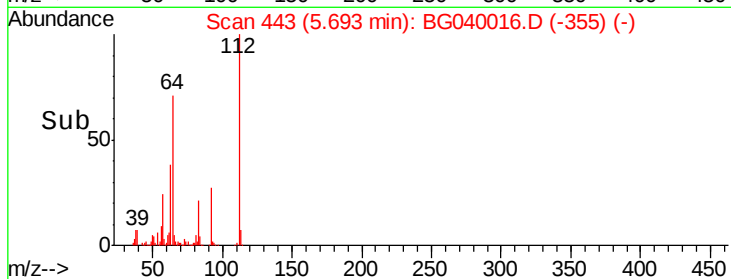
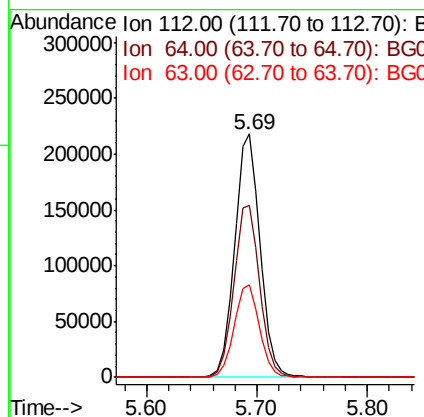
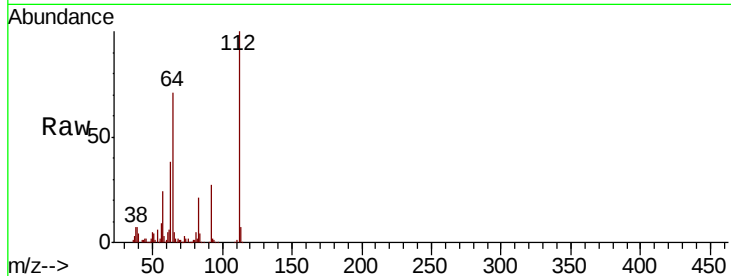
ClientSampled :

SPMSD

Tot Ion:	112	Resp:	352466
Ion Ratio	Lower	Upper	
112	100		
64	70.8	57.8	86.8
63	38.0	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 21.262 ng

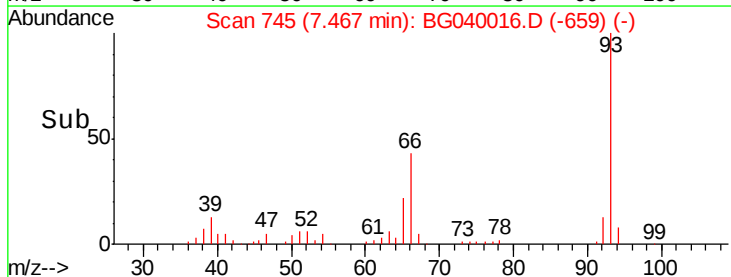
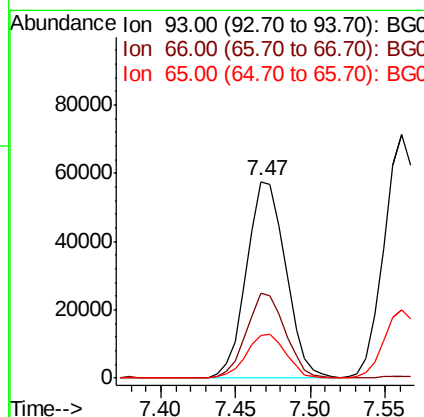
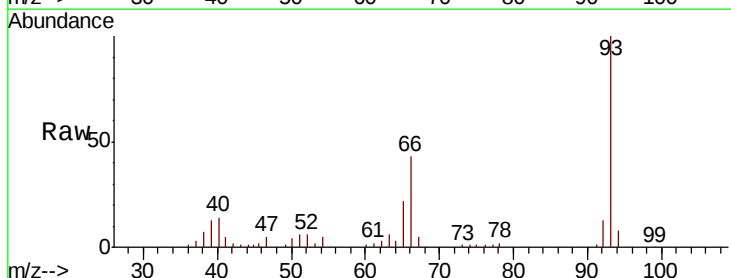
RT: 7.47 min Scan# 745

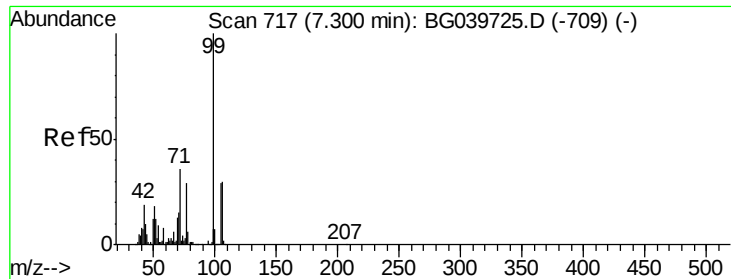
Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	93	Resp:	104717
Ion Ratio	Lower	Upper	
93	100		
66	43.0	34.2	51.4
65	21.7	17.7	26.5





#7

Phenol-d6

Concen: 136.943 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

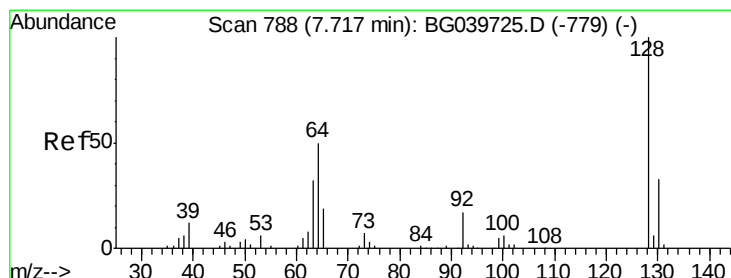
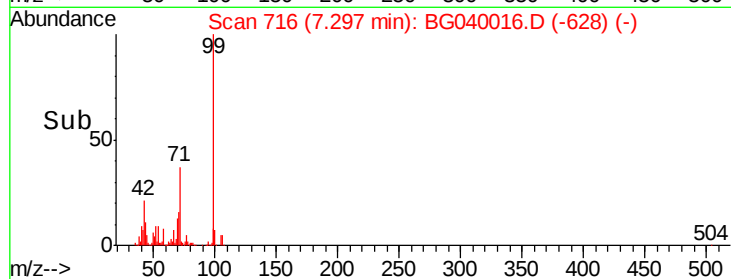
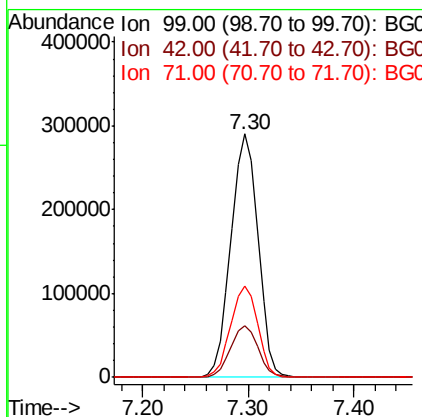
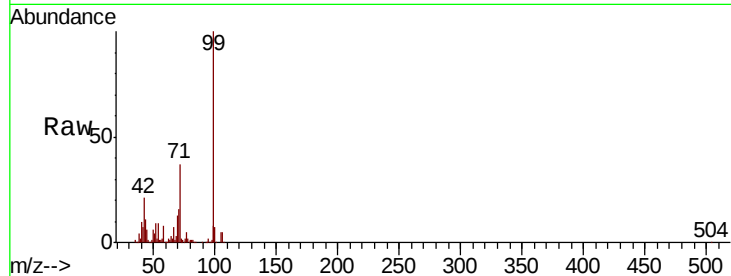
ClientSampleId :

SPMSD

Tot Ion:	99	Resp:	514805
Ion Ratio	Lower	Upper	
99	100		
42	21.4	18.2	27.2
71	37.4	28.0	42.0

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#8

2-Chlorophenol

Concen: 38.045 ng

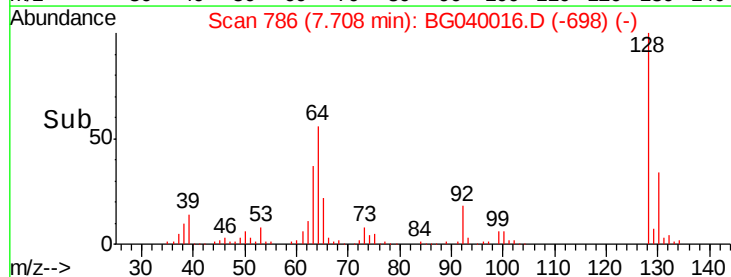
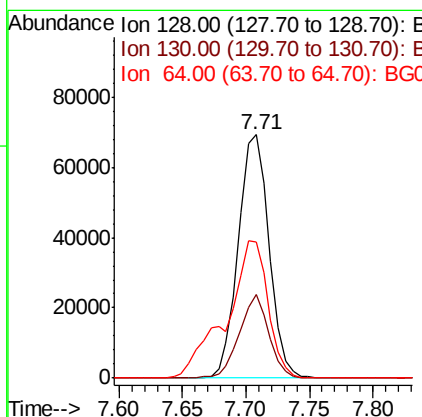
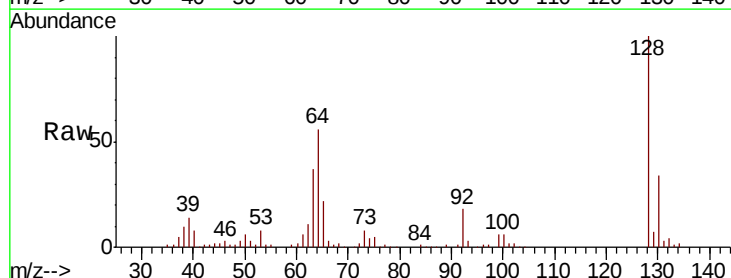
RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	128	Resp:	116367
Ion Ratio	Lower	Upper	
128	100		
130	34.4	12.9	52.9
64	55.7	38.7	78.7





#9

Benzaldehyde

Concen: 17.930 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tot Ion: 77 Resp: 43479

Ion Ratio Lower Upper

77 100

105 88.5 74.5 114.5

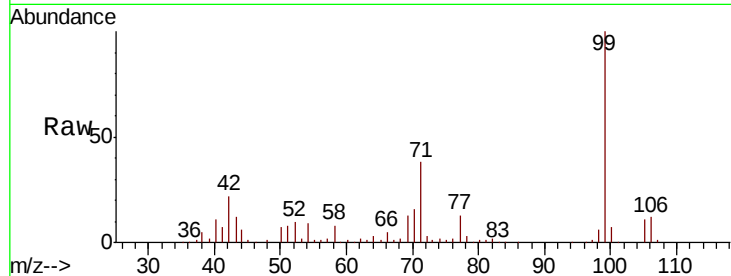
106 93.3 68.0 108.0

Manual Integrations

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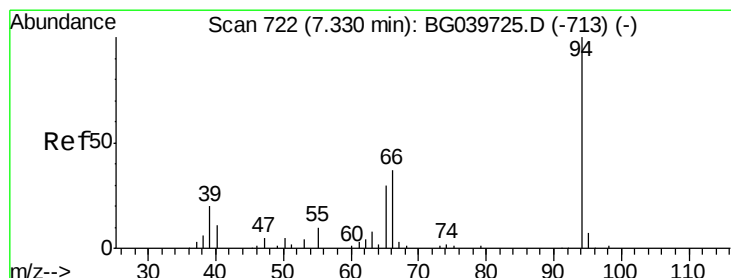
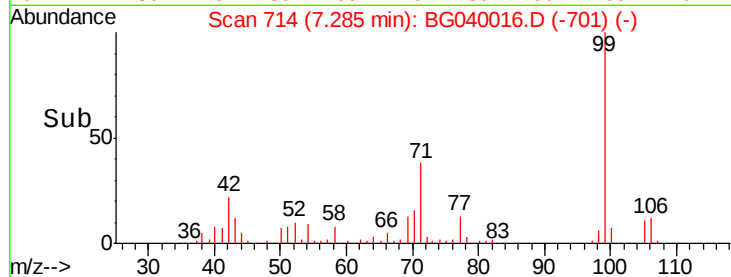
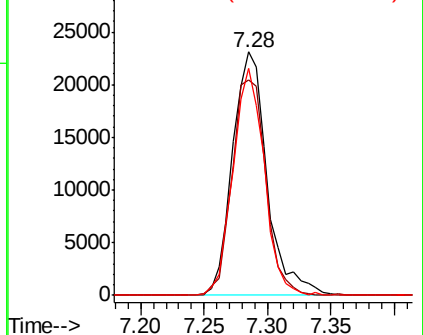
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.919 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

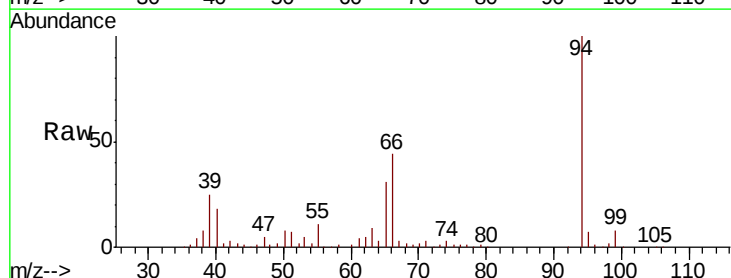
Tgt Ion: 94 Resp: 199222

Ion Ratio Lower Upper

94 100

65 31.4 11.7 51.7

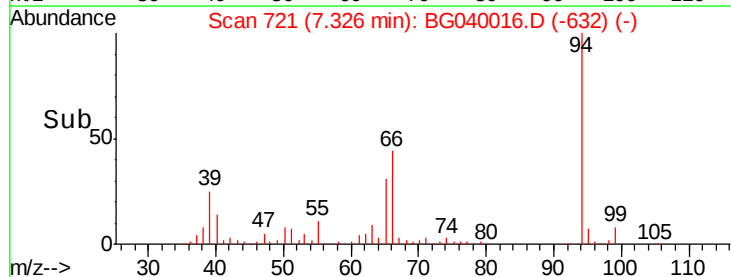
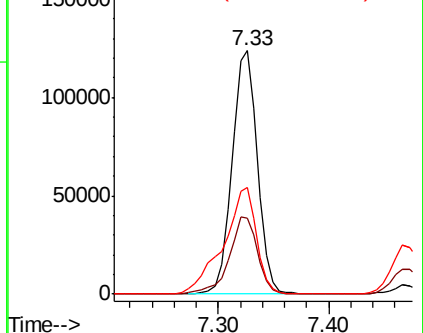
66 43.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





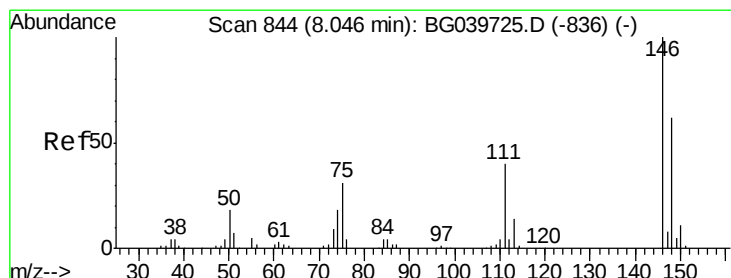
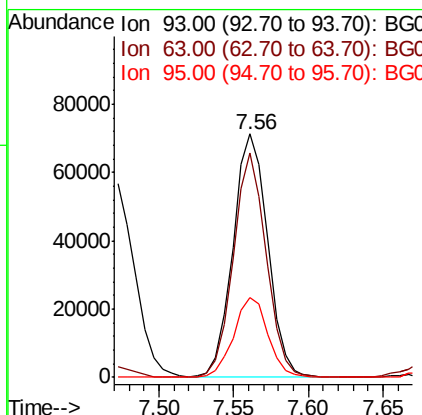
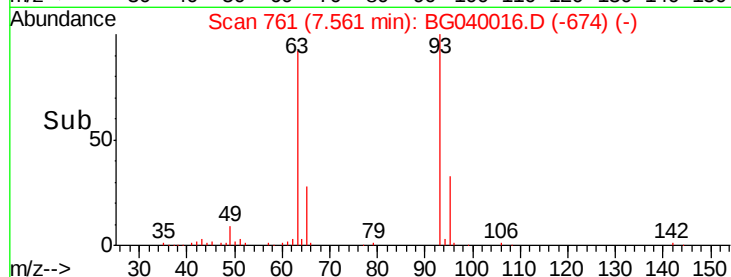
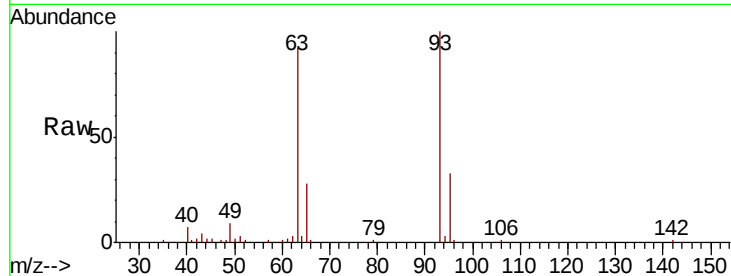
#11
bis(2-Chloroethyl)ether
Concen: 36.106 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
63	92.2	69.5	109.5		
95	32.9	12.7	52.7		

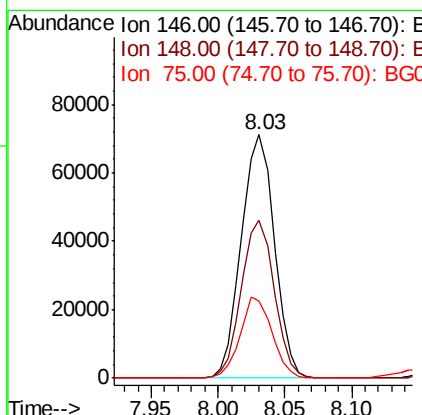
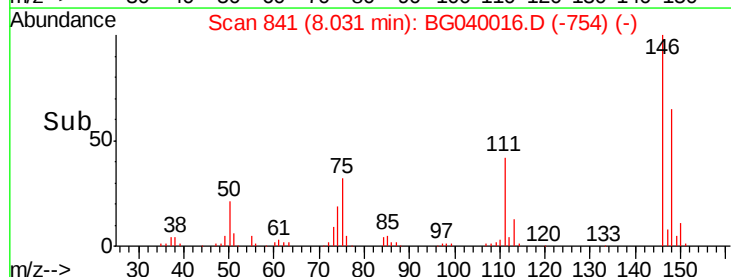
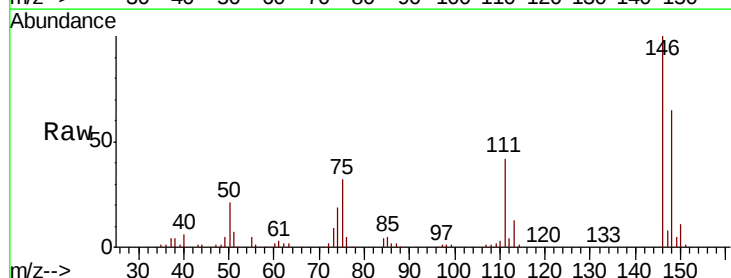
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#12
1,3-Dichlorobenzene
Concen: 35.385 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
148	64.7	52.6	79.0		
75	31.6	25.8	38.6		





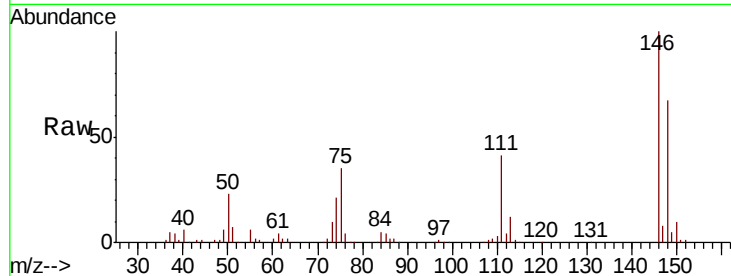
#13
 1,4-Dichlorobenzene
 Concen: 35.527 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.1	76.7
111	41.2	32.6	48.8

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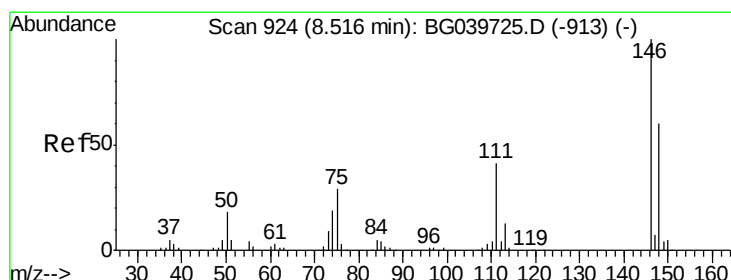
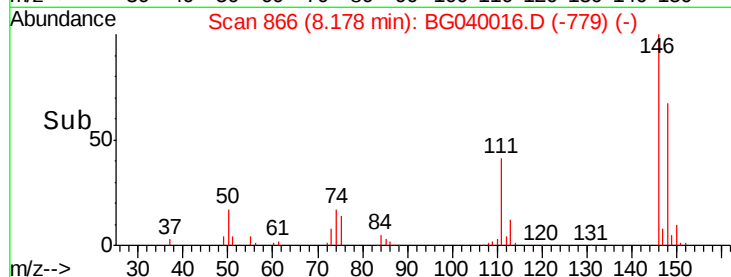
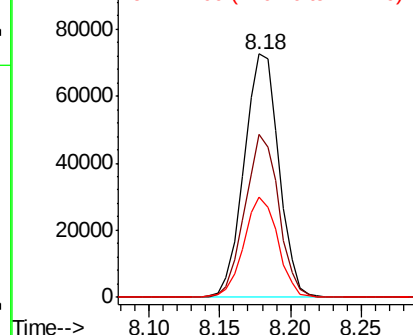


Abundance

Ion 146.00 (145.70 to 146.70): E

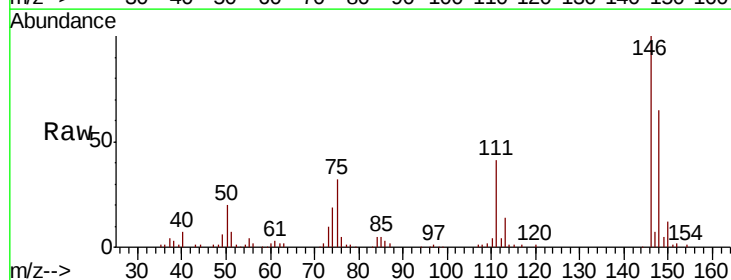
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.172 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.5	77.3
111	41.0	33.8	50.6

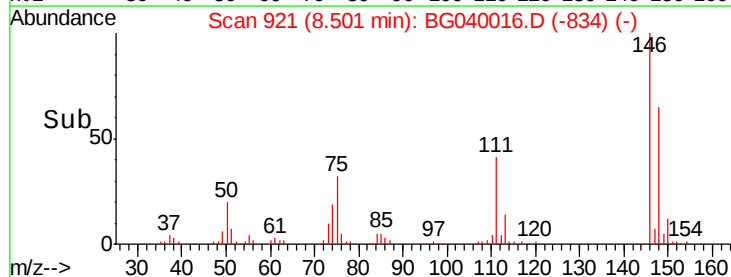
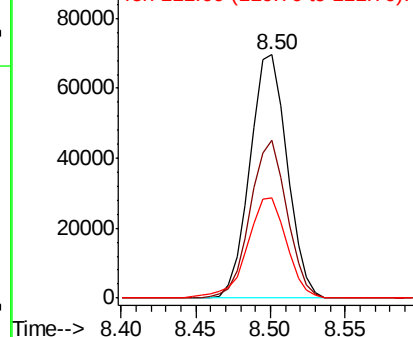


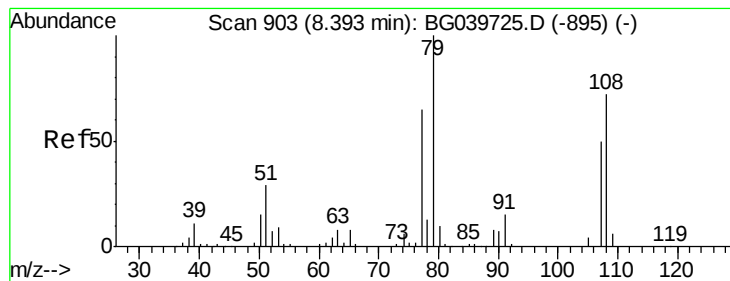
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.918 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

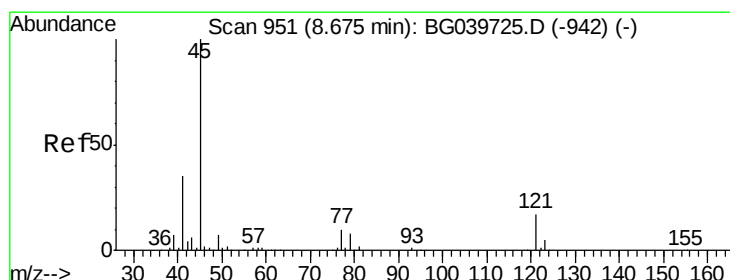
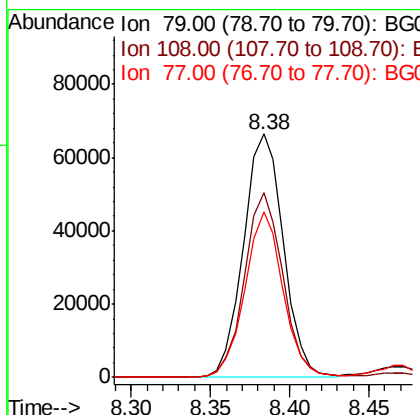
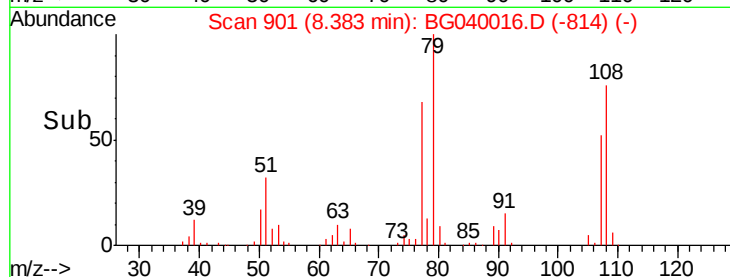
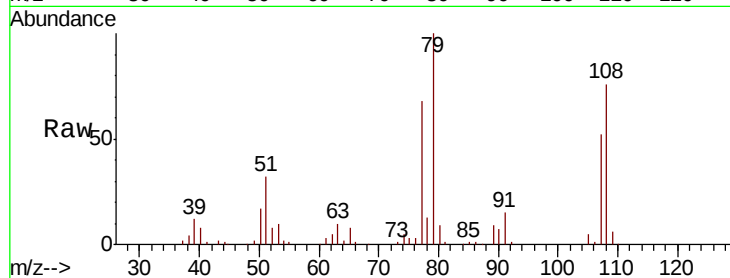
ClientSampled :

SPMSD

Tot Ion:	79	Resp:	116054
Ion Ratio	Lower	Upper	
79	100		
108	76.1	57.8	86.6
77	67.8	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.888 ng

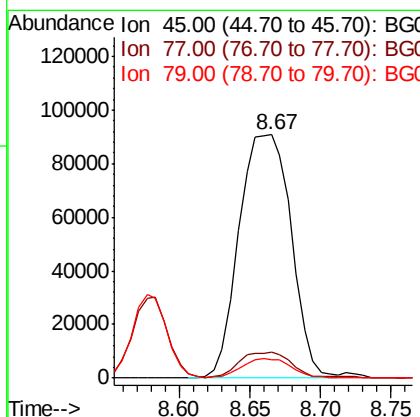
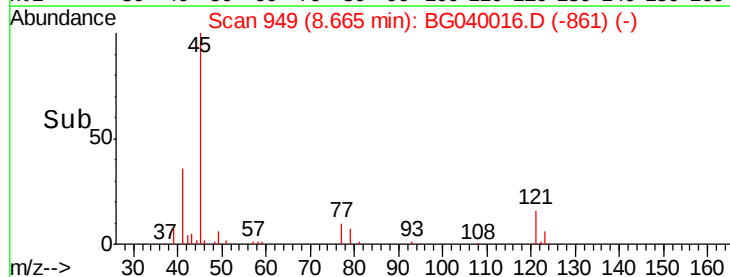
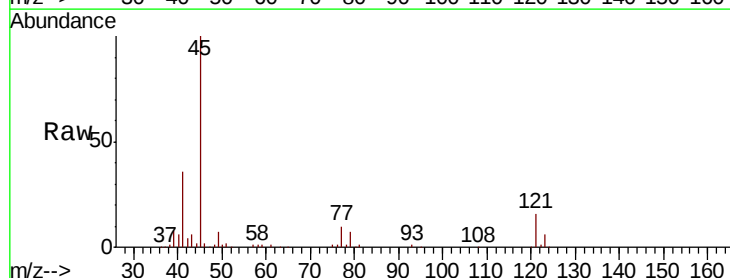
RT: 8.67 min Scan# 949

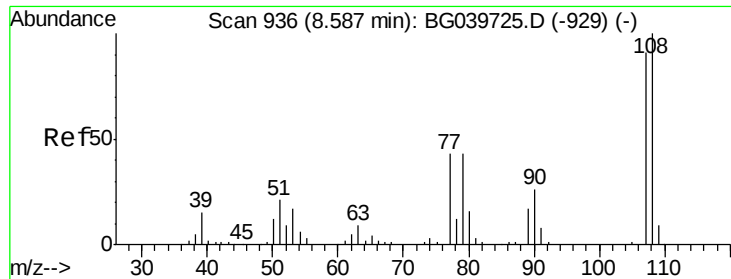
Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	45	Resp:	234253
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.0
79	7.5	0.0	27.5





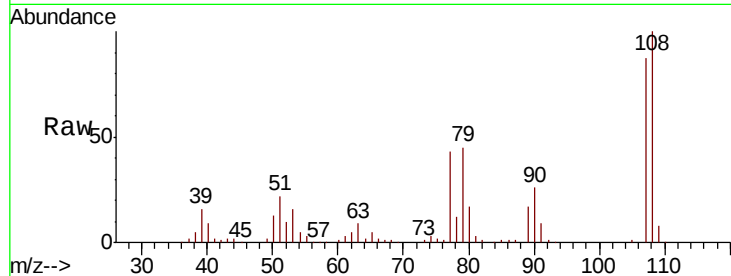
#17
2-Methylphenol
Concen: 40.434 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion:	107	Resp:	104997
Ion Ratio	Lower	Upper	
107	100		
108	114.5	90.8	136.2
77	49.2	40.7	61.1
79	51.2	40.6	60.8

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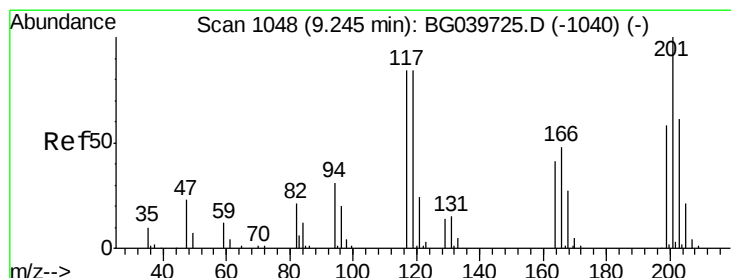
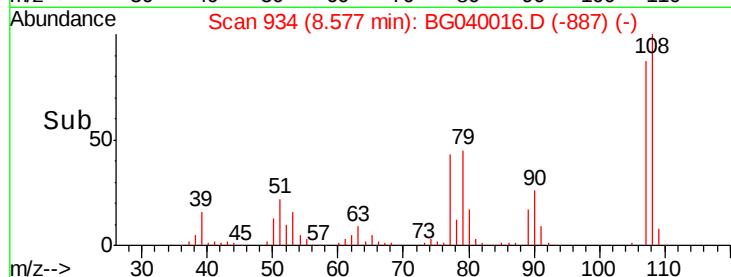
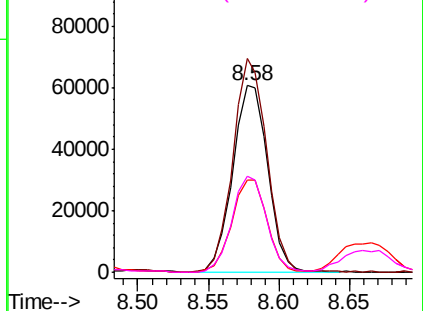
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.870 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

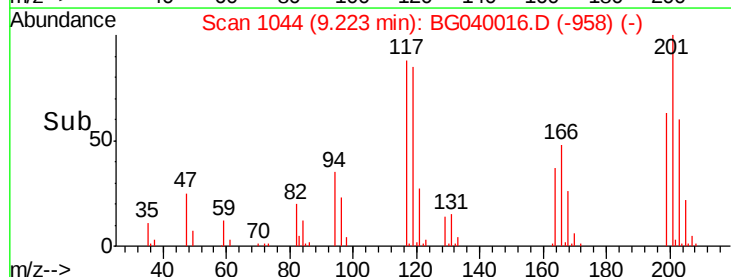
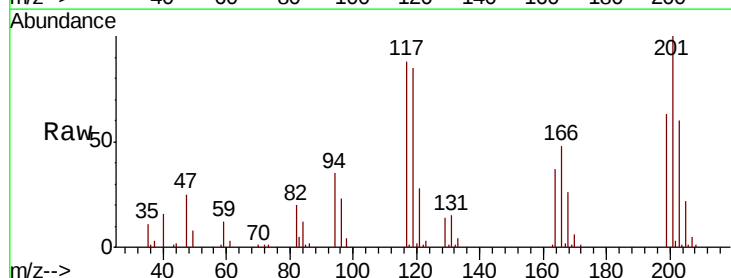
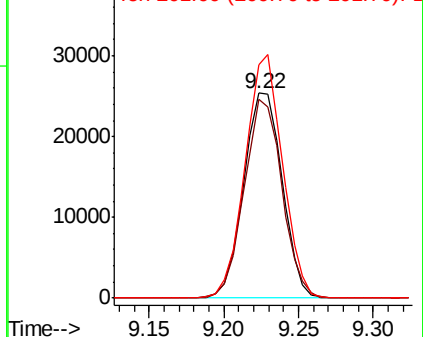
Tgt Ion:	117	Resp:	45352
Ion Ratio	Lower	Upper	
117	100		
119	96.8	76.3	114.5
201	114.0	91.1	136.7

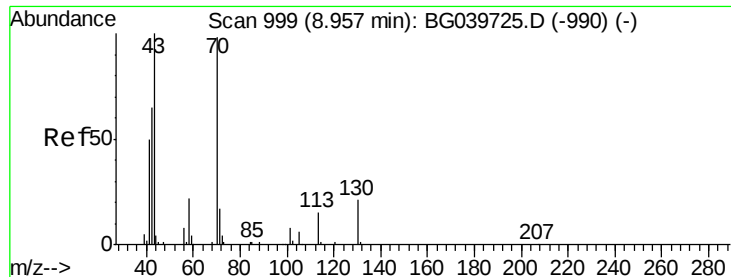
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.739 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

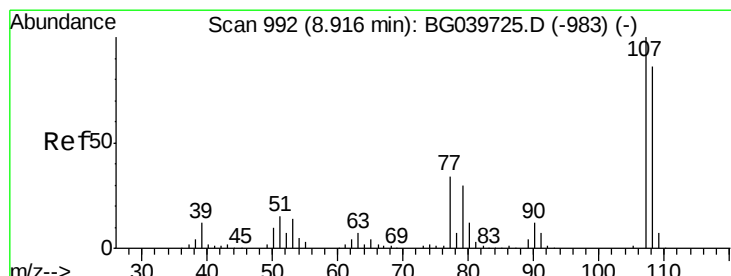
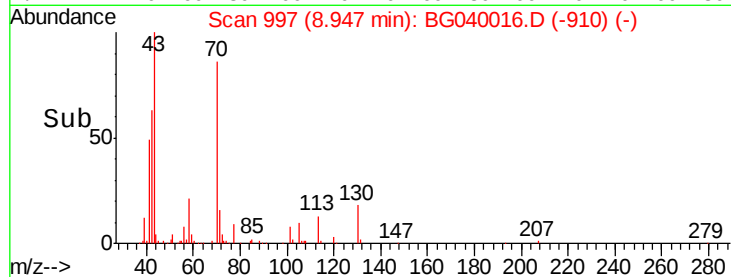
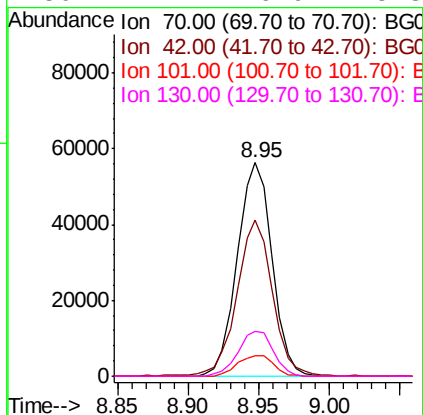
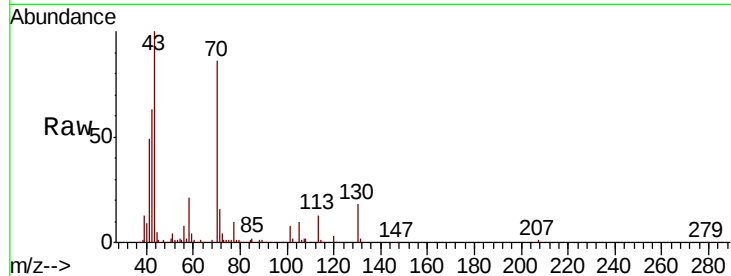
ClientSampleId :

SPMSD

Tot Ion:	70	Resp:	96703
Ion	Ratio	Lower	Upper
70	100		
42	73.4	60.4	90.6
101	9.3	7.5	11.3
130	21.2	16.9	25.3

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#20

3+4-Methylphenols

Concen: 40.316 ng

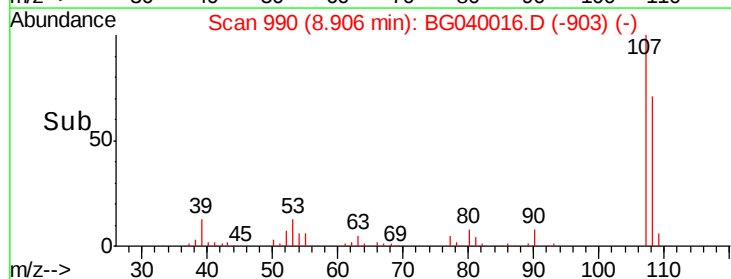
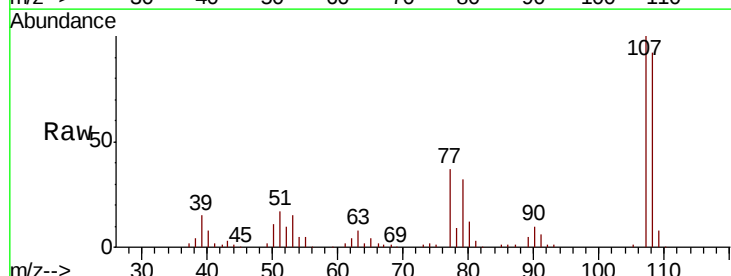
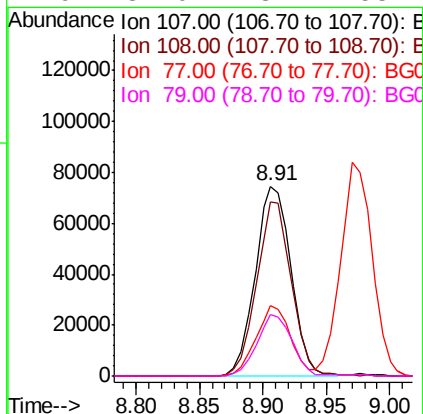
RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	107	Resp:	145441
Ion	Ratio	Lower	Upper
107	100		
108	91.7	67.9	107.9
77	37.4	15.4	55.4
79	32.0	13.7	53.7





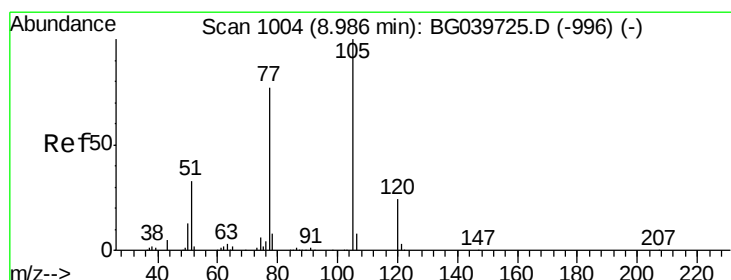
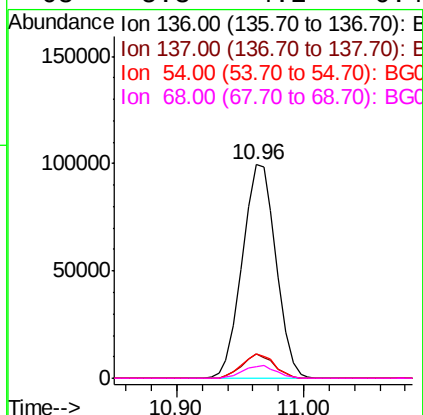
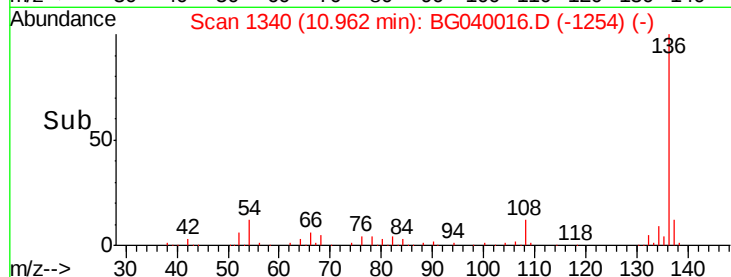
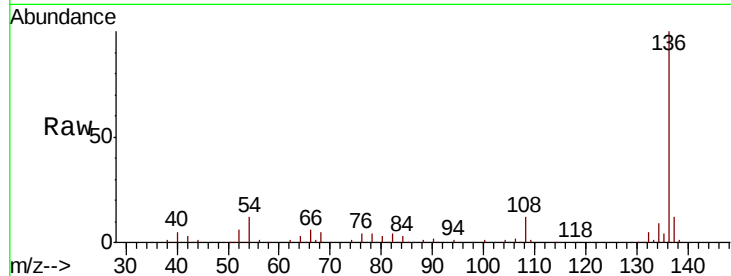
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	183968		
137	11.6	9.1	13.7	
54	11.7	9.4	14.2	
68	5.3	4.2	6.4	

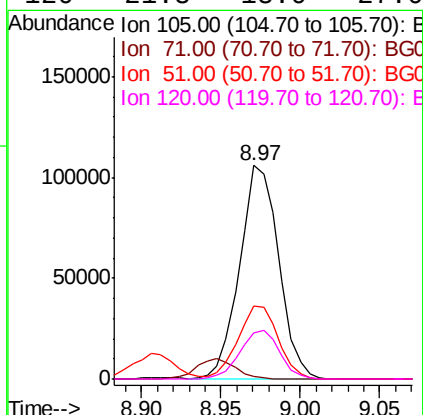
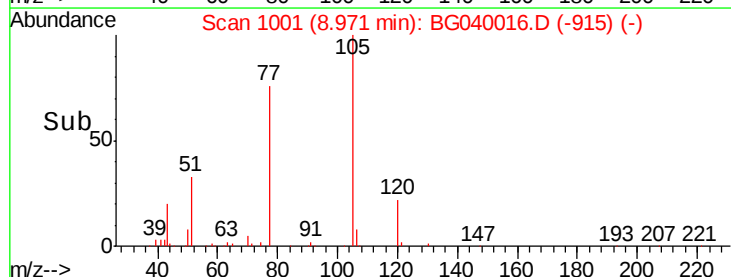
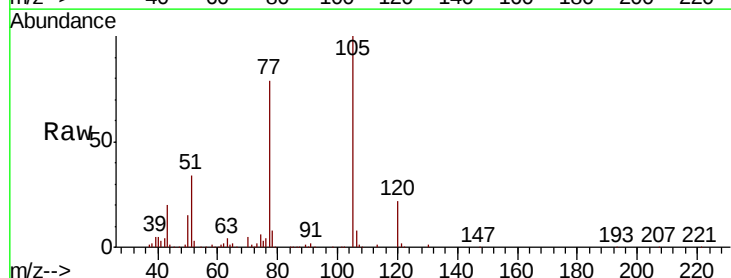
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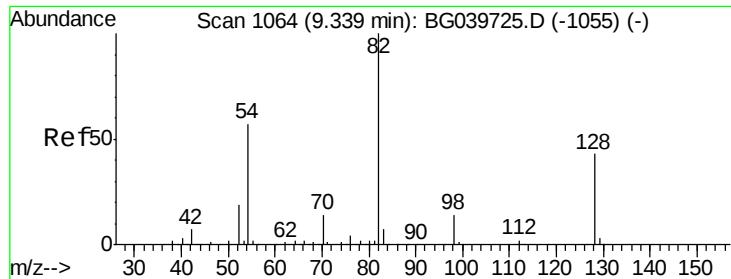
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#22
Acetophenone
Concen: 36.853 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	181969		
71	1.1	0.8	1.2	
51	34.0	30.2	45.2	
120	21.8	18.0	27.0	





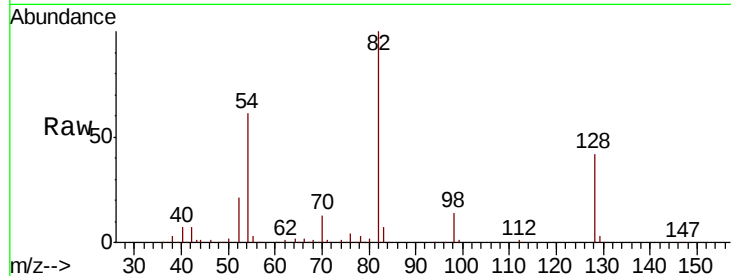
#23
Nitrobenzene-d5
Concen: 90.997 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.3	46.9
54	60.8	50.9	76.3

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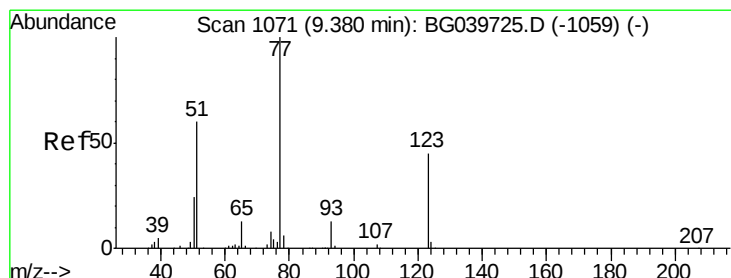
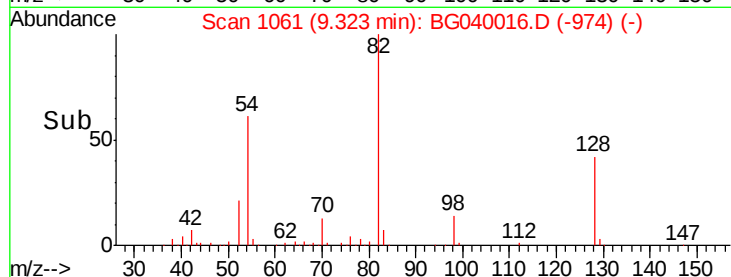
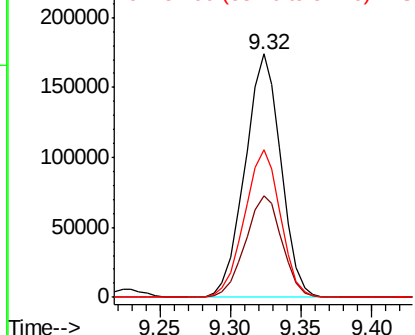


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 40.495 ng
RT: 9.36 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

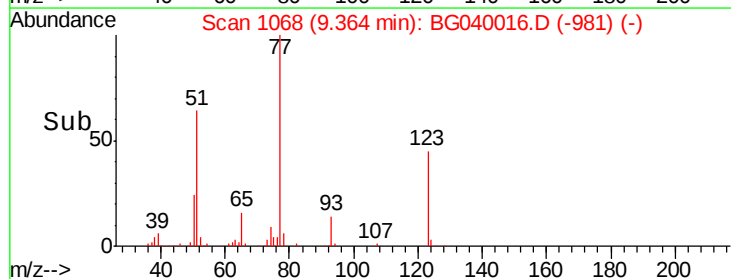
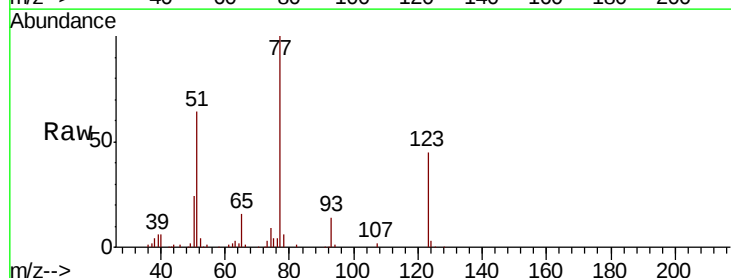
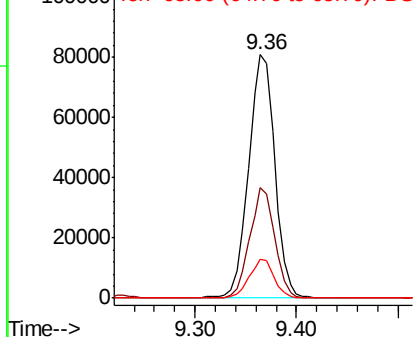
Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.1	51.1
65	16.0	12.3	18.5

Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





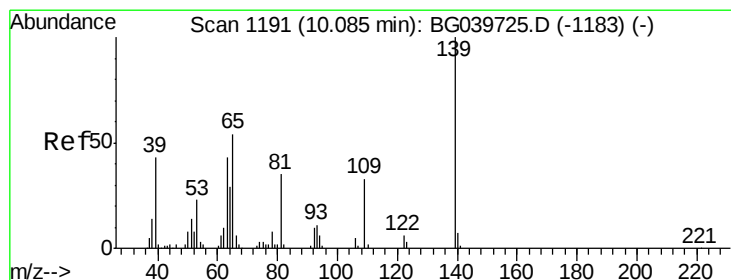
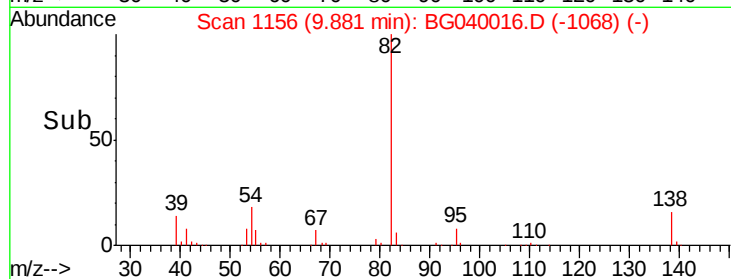
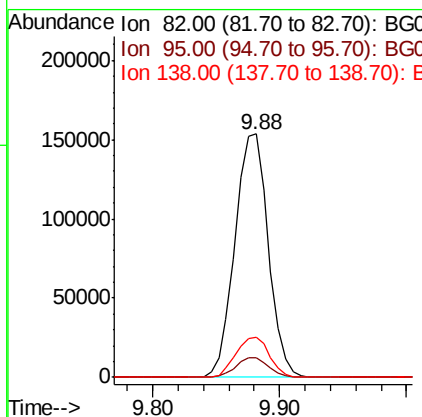
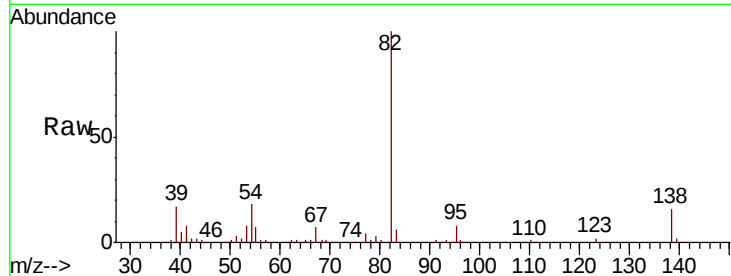
#25
Isophorone
Concen: 39.143 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.1	6.2	9.2	
138	16.2	13.0	19.4	

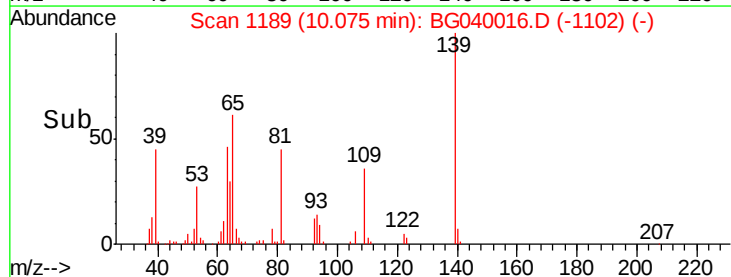
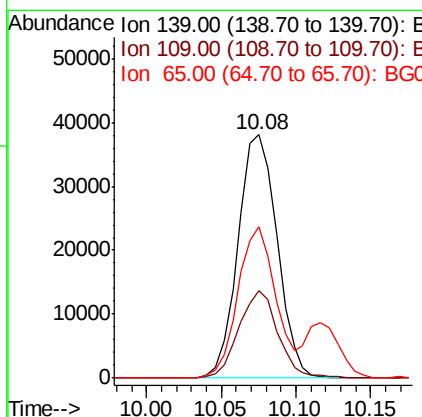
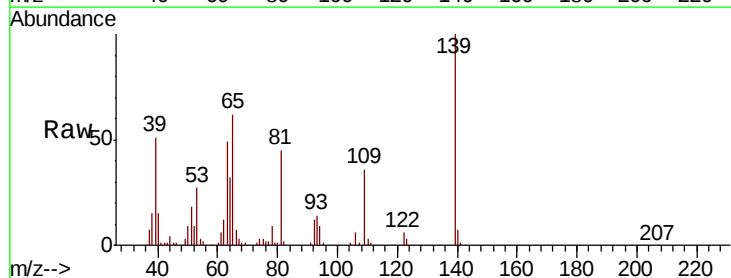
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#26
2-Nitrophenol
Concen: 40.122 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.7	23.4	35.0#	
65	62.4	44.3	66.5	





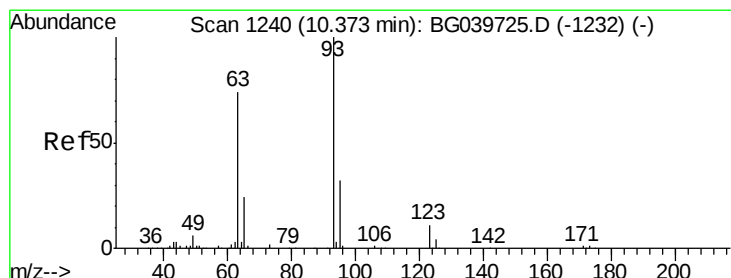
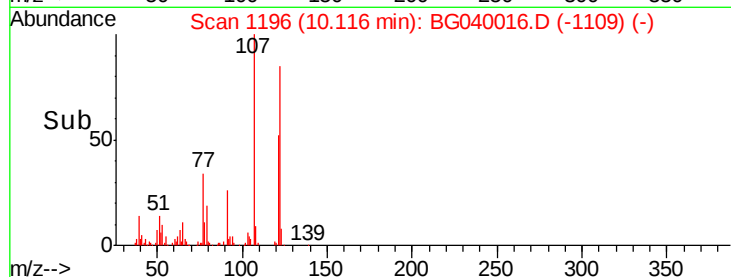
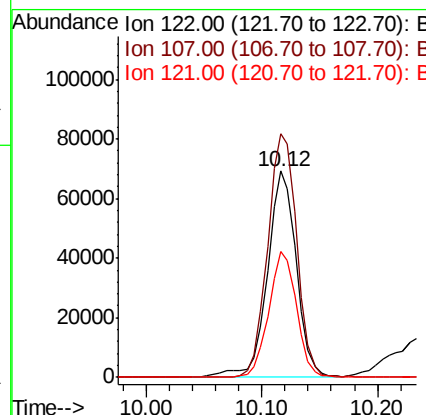
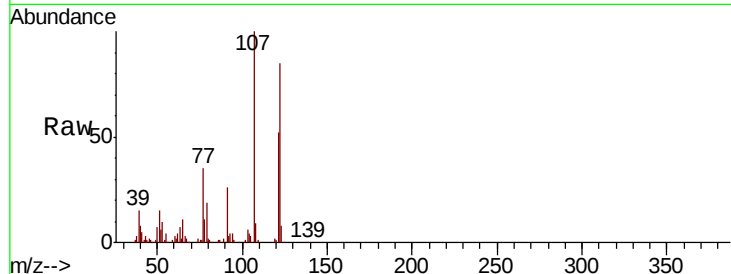
#27
2,4-Dimethylphenol
Concen: 45.300 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.0	91.7	137.5
121	61.2	46.4	69.6

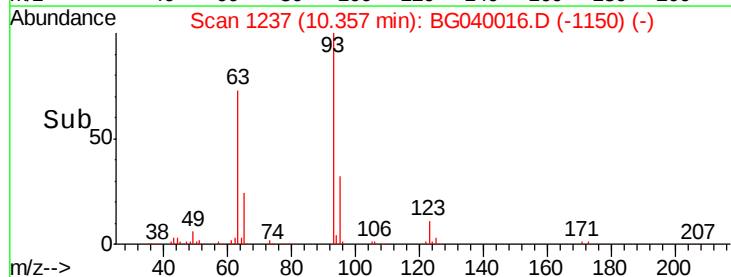
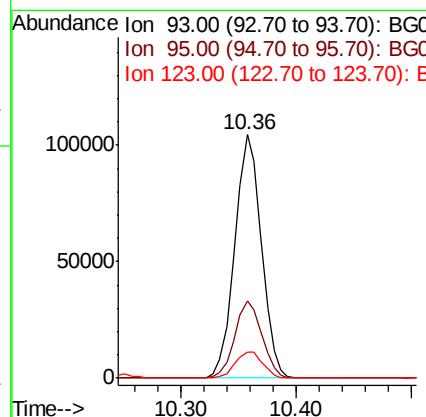
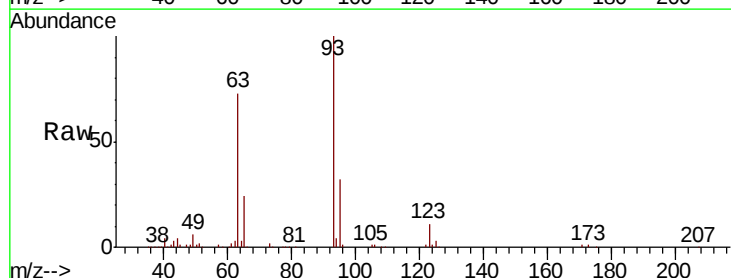
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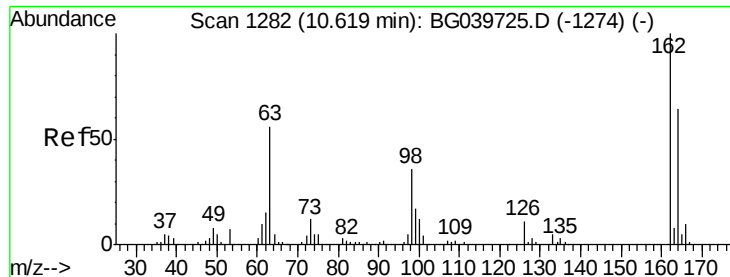
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.466 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.0	37.4
123	10.6	8.6	12.8





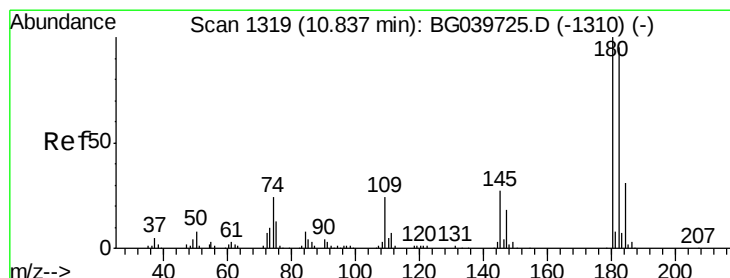
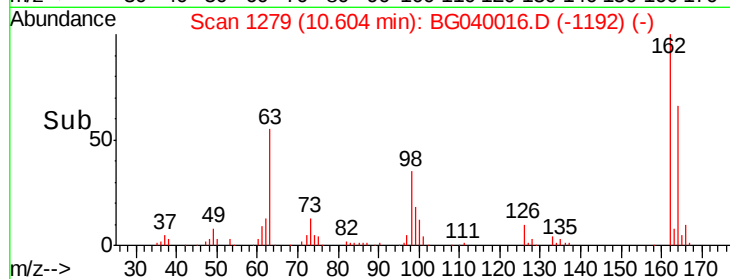
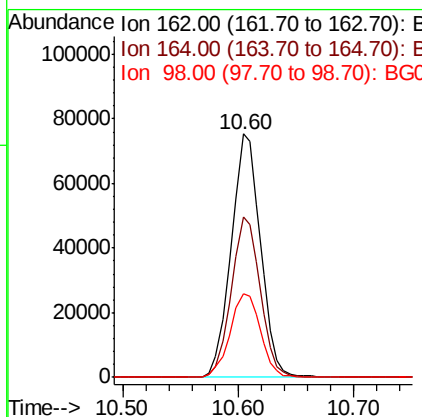
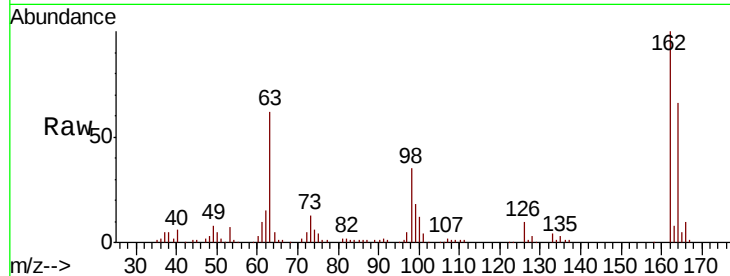
#29
 2,4-Dichlorophenol
 Concen: 43.822 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion:	162	Resp:	132207
Ion Ratio	Lower	Upper	
162	100		
164	65.9	48.1	88.1
98	34.6	18.1	58.1

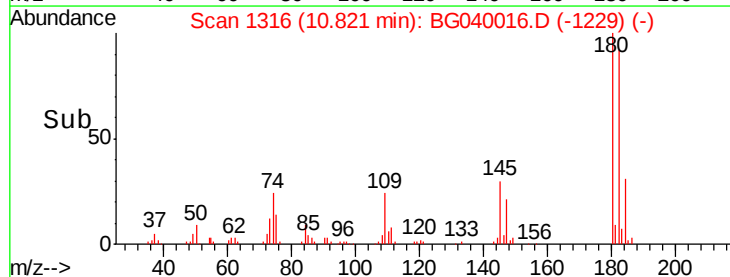
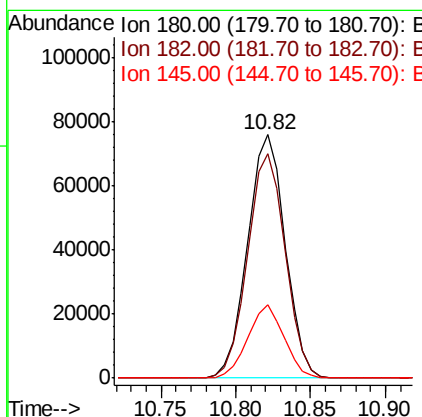
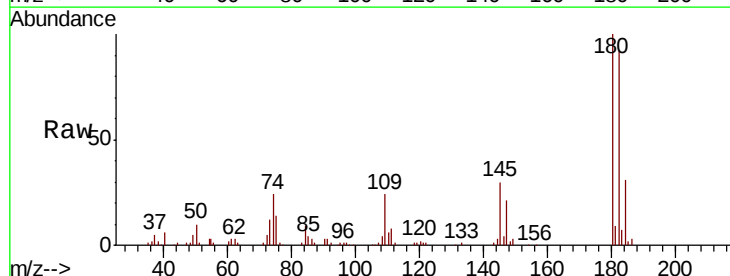
Manual Integrations
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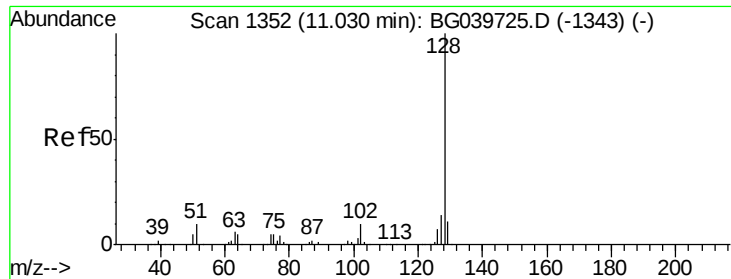
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.880 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:	180	Resp:	131990
Ion Ratio	Lower	Upper	
180	100		
182	92.0	76.0	114.0
145	30.1	22.7	34.1





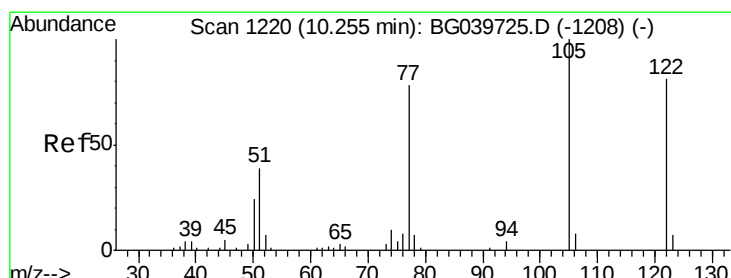
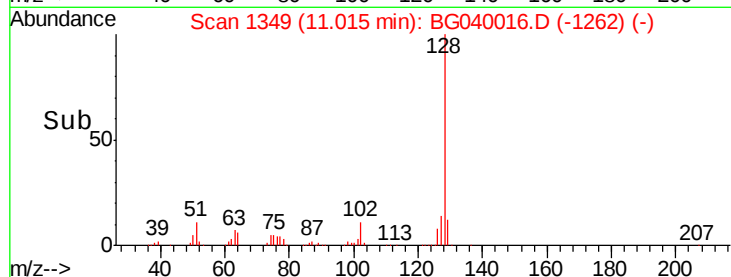
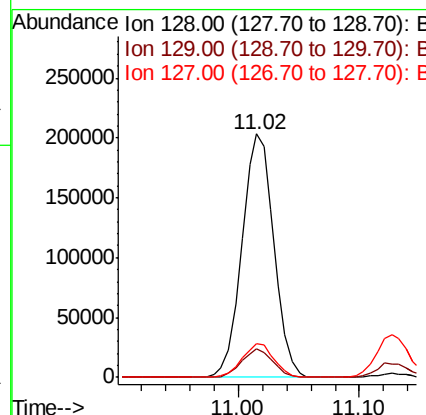
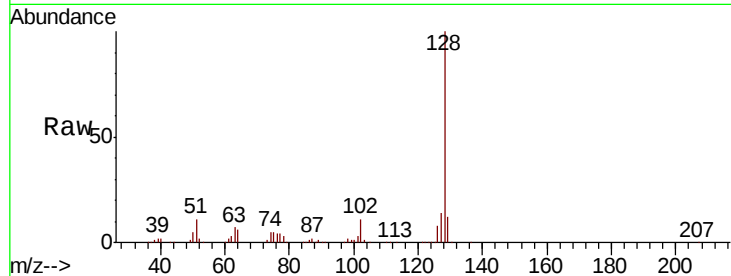
#31
Naphthalene
Concen: 38.163 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	14.1	10.8	16.2

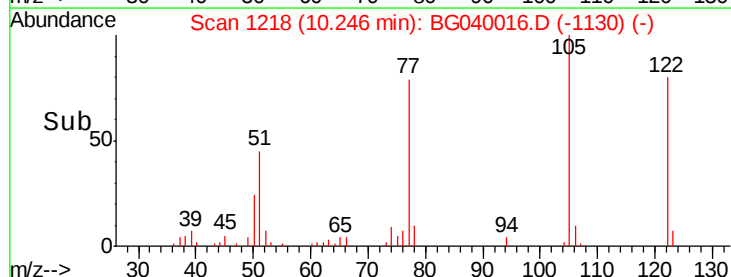
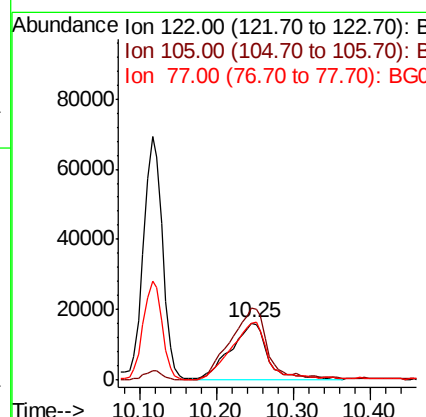
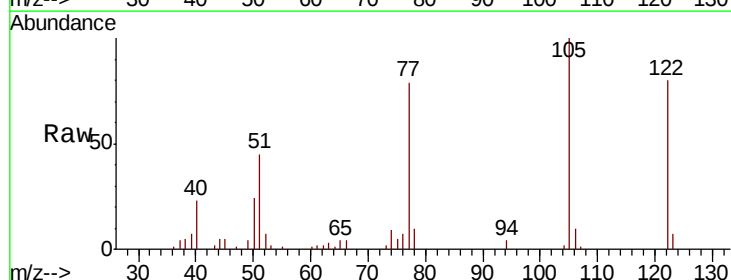
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#32
Benzoic acid
Concen: 32.760 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	101.8	141.8
77	98.9	76.3	116.3





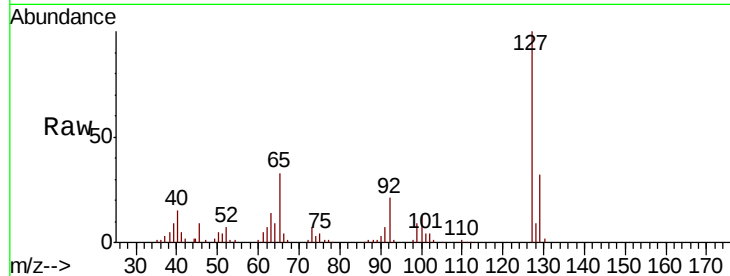
#33
4-Chloroaniline
Concen: 16.509 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		68186		
129	31.7	27.0	40.4		
65	33.3	28.8	43.2		
92	21.3	16.6	25.0		

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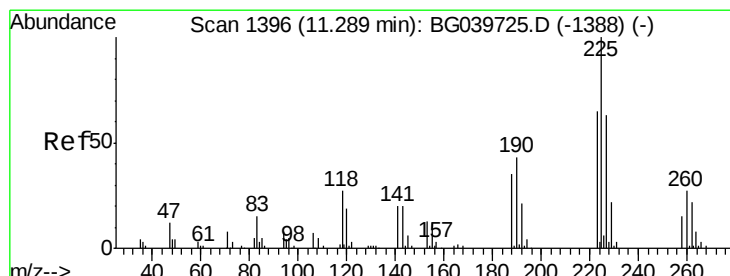
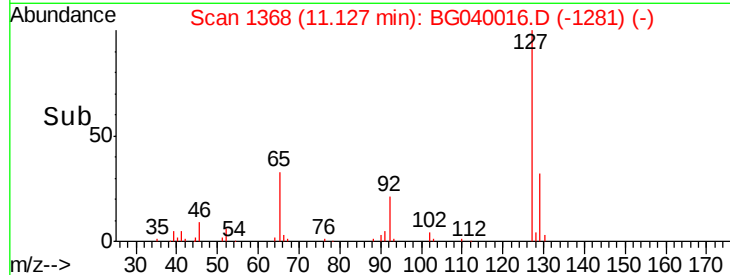
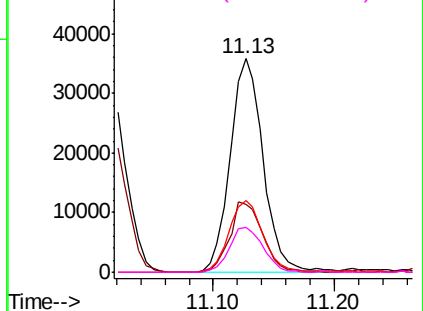
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

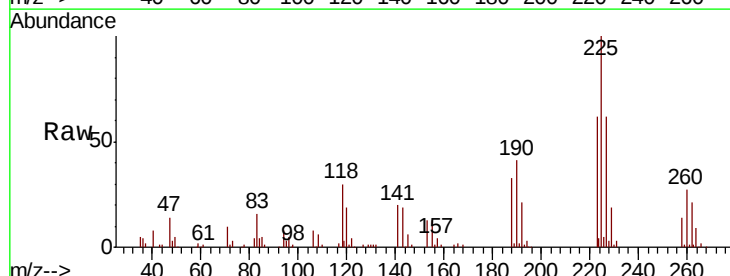
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.349 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		86643		
223	61.6	49.0	73.6		
227	61.6	46.3	69.5		

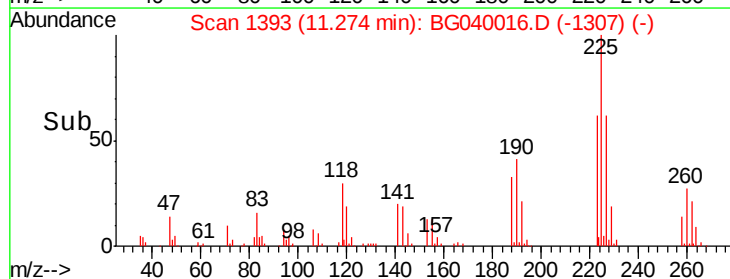
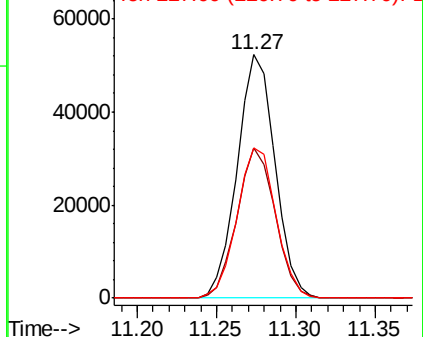


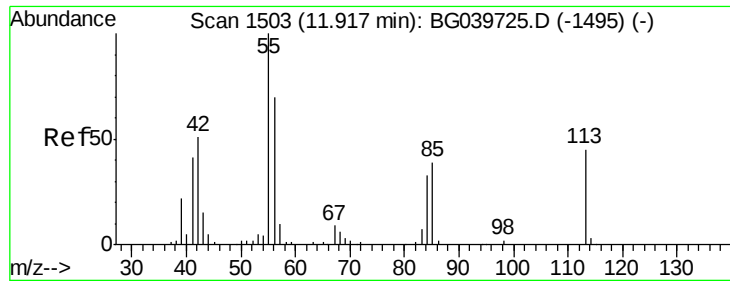
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





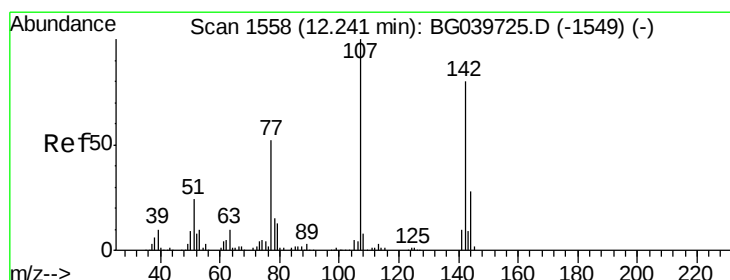
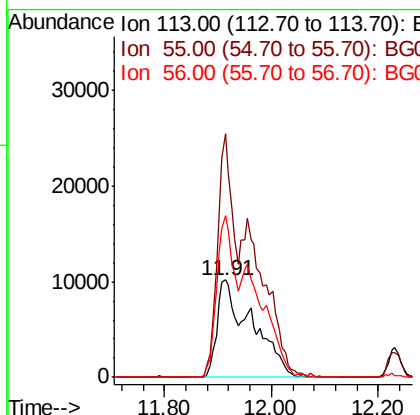
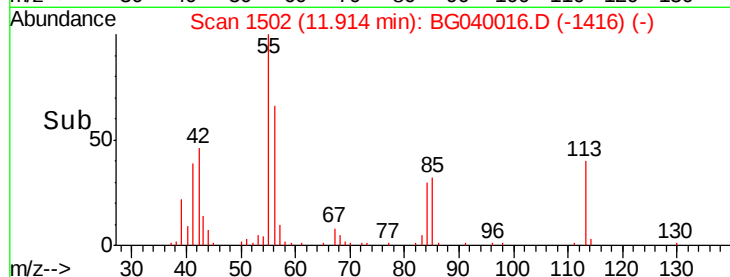
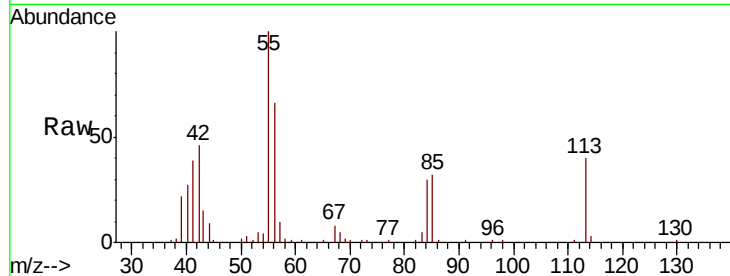
#35
Caprolactam
Concen: 39.928 ng/ml
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	250.8	216.9	256.9
56	166.4	152.6	192.6

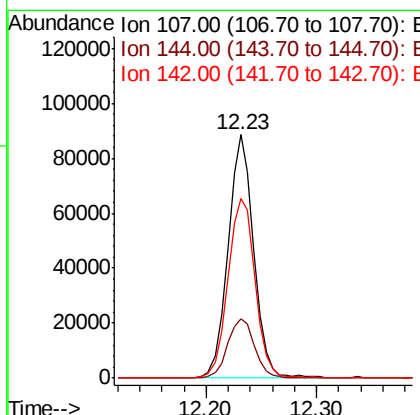
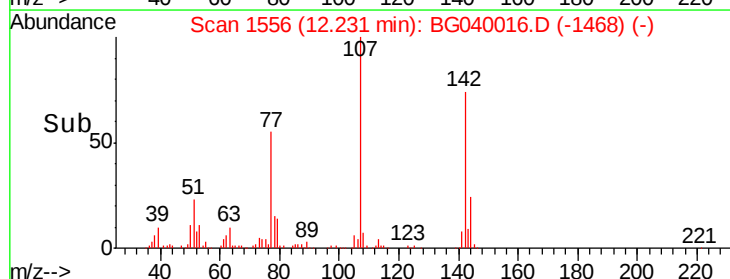
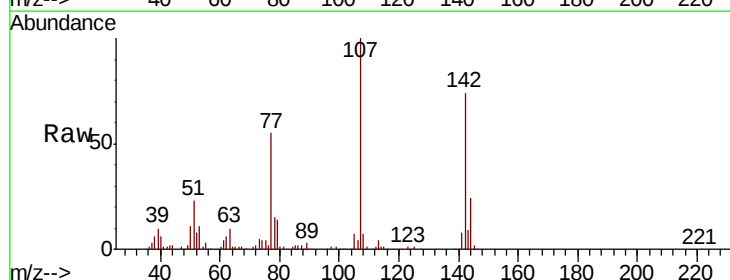
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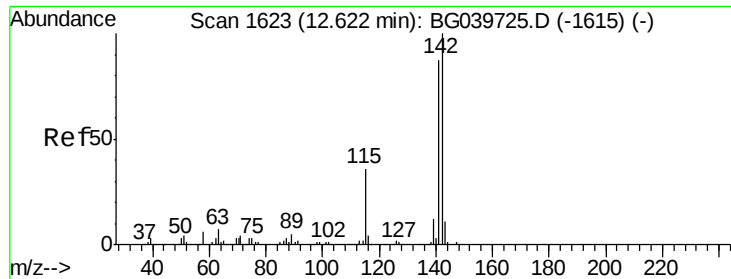
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#36
4-Chloro-3-methylphenol
Concen: 41.613 ng
RT: 12.23 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.2	30.2
142	73.7	61.4	92.2





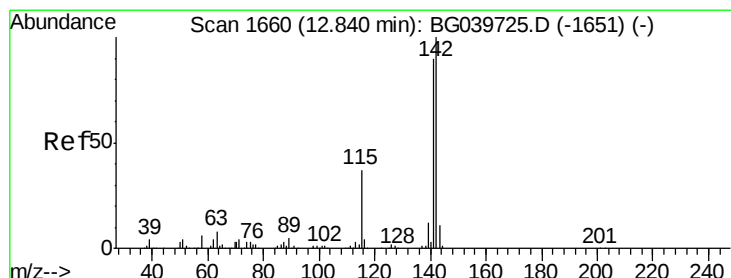
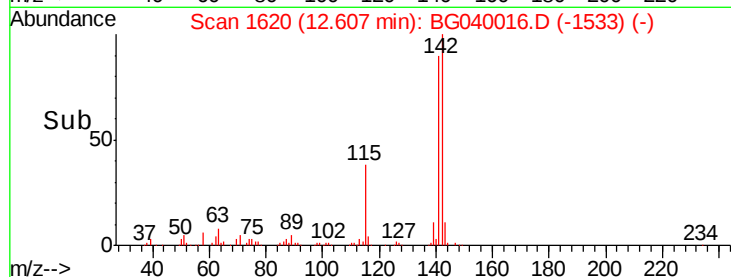
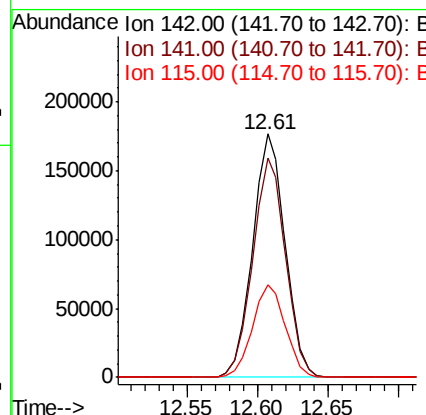
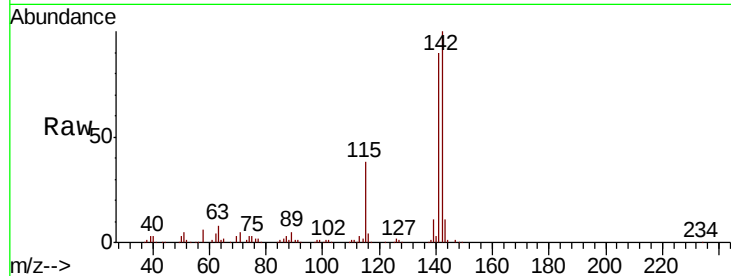
#37
2-Methylnaphthalene
Concen: 39.177 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.5	110.3
115	37.9	30.8	46.2

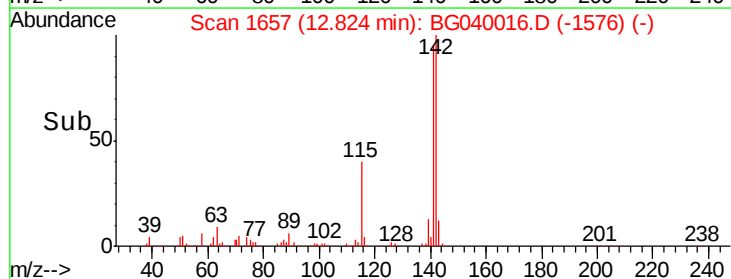
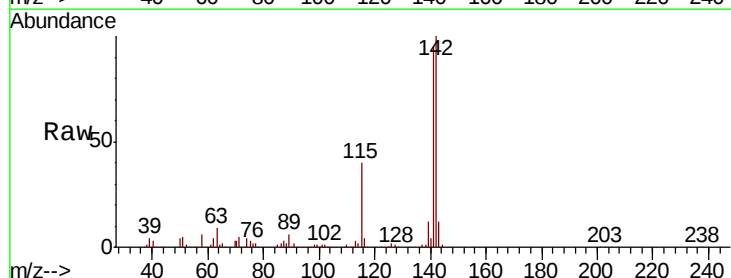
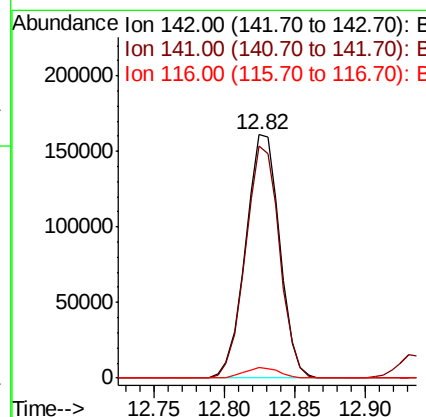
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#38
1-Methylnaphthalene
Concen: 38.561 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

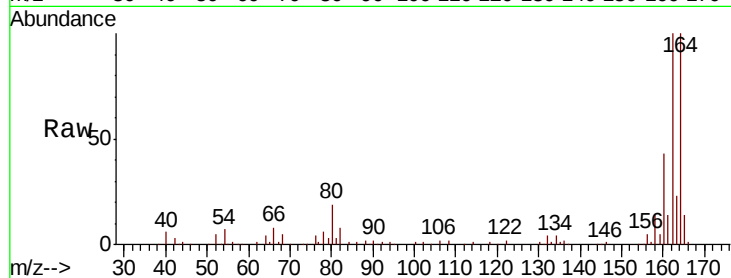
ClientSampled :

SPMSD

Tot Ion:	164	Resp:	124570
Ion Ratio	Lower	Upper	
164	100		
162	100.2	81.6	122.4
160	42.9	34.2	51.2

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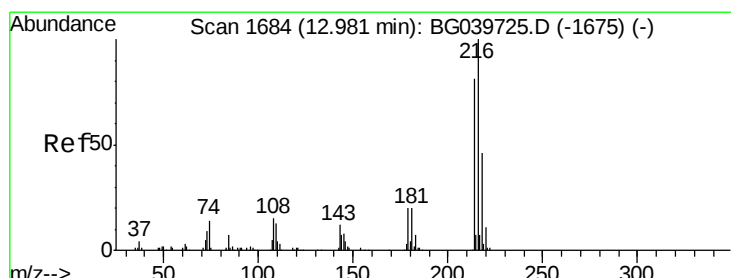
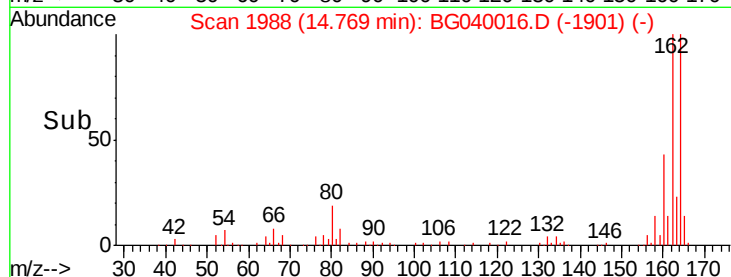
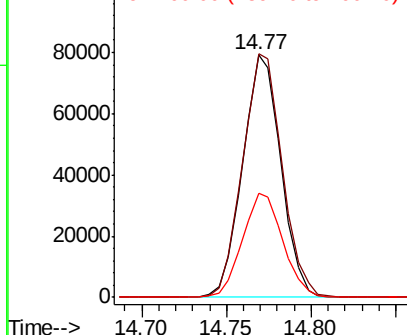


Abundance

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: 38.168 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	216	Resp:	161074
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	94.0
179	20.8	16.6	25.0
108	18.9	14.0	21.0

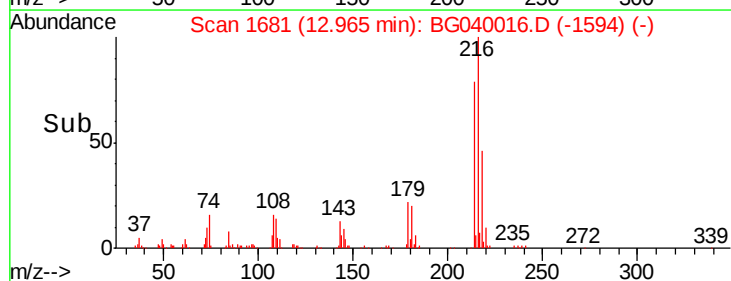
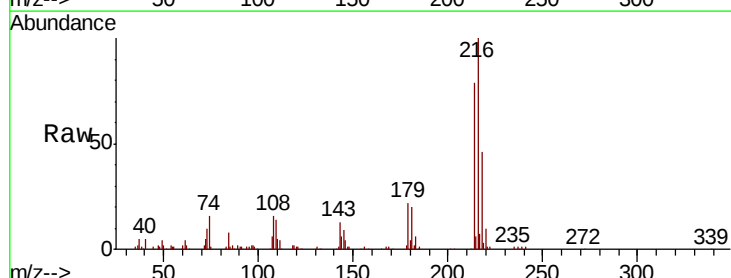
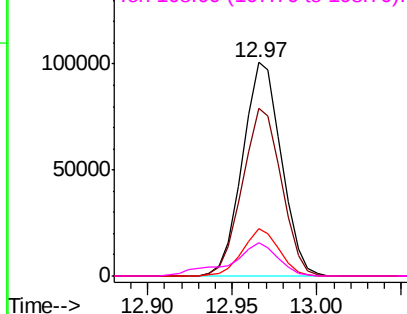
Abundance

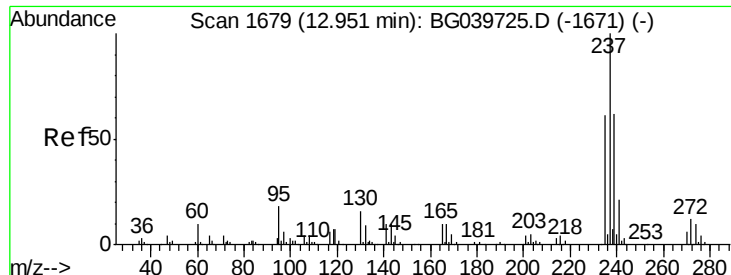
Ion 216.00 (215.70 to 216.70): E

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





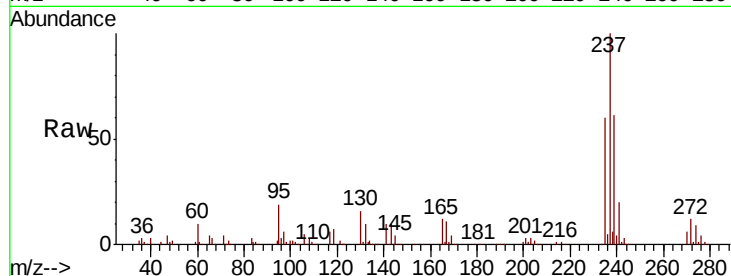
#41
Hexachlorocyclopentadiene
Concen: 94.923 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

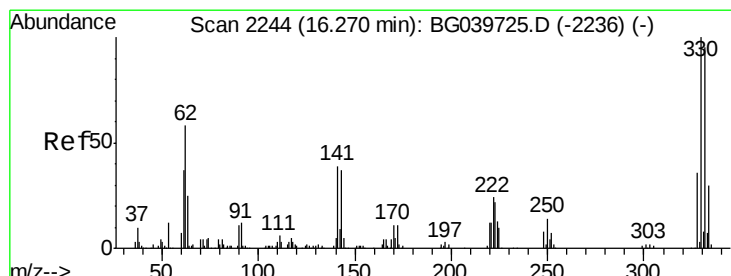
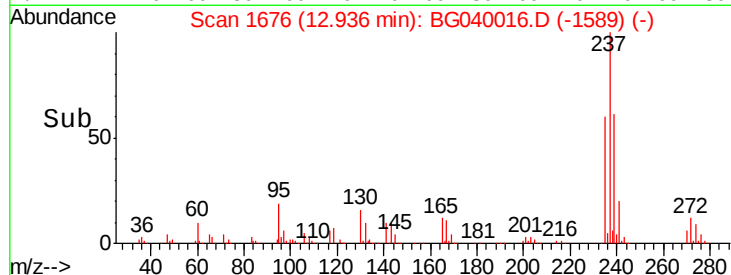
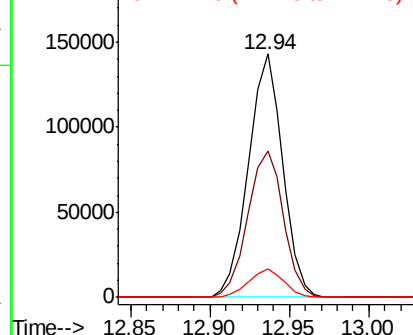
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	59.9	43.3	83.3
272	11.9	0.0	32.3

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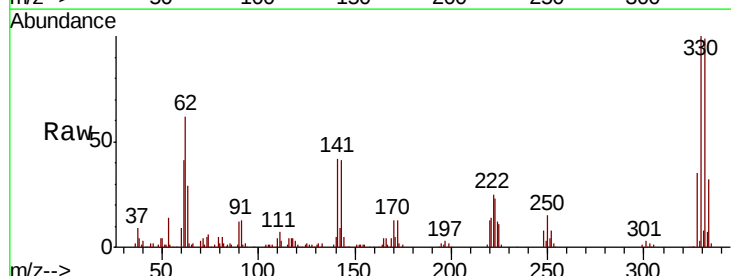


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

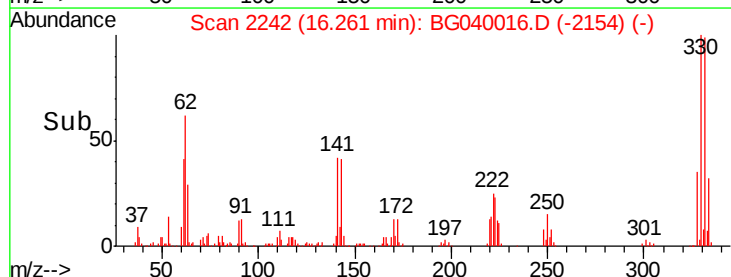
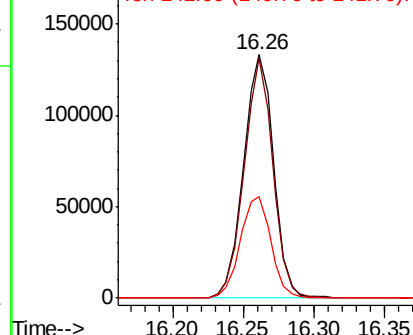


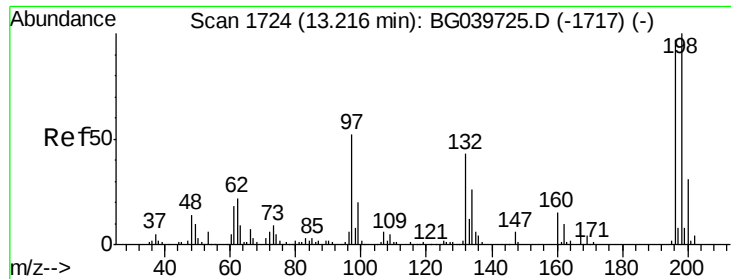
#42
2,4,6-Tribromophenol
Concen: 135.995 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.7	75.7	113.5
141	42.6	35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





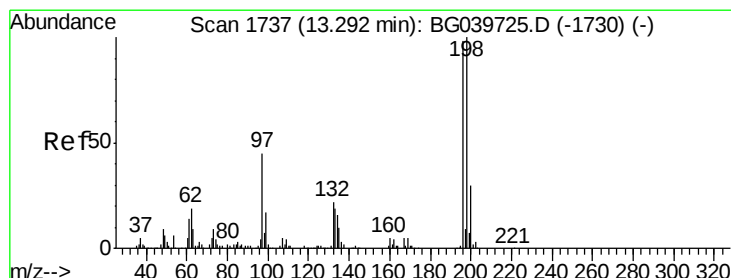
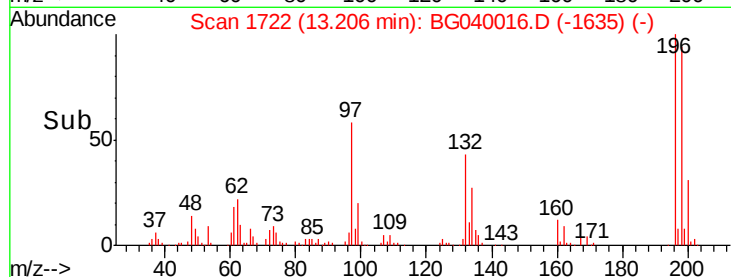
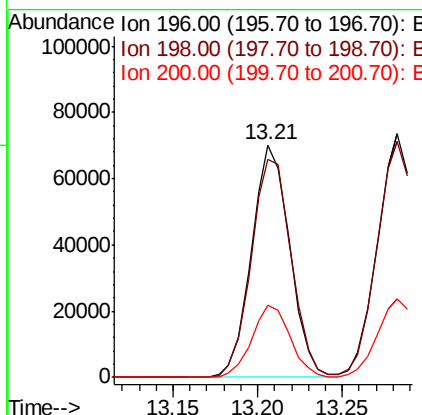
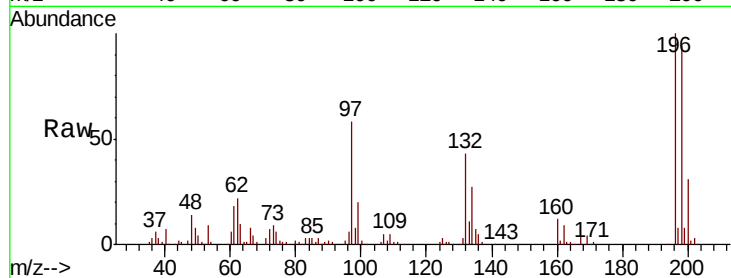
#43
 2,4,6-Trichlorophenol
 Concen: 44.607 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	110209		
198	93.6	80.6	121.0	
200	31.3	26.1	39.1	

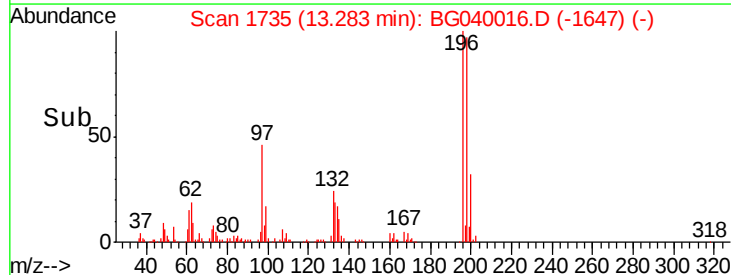
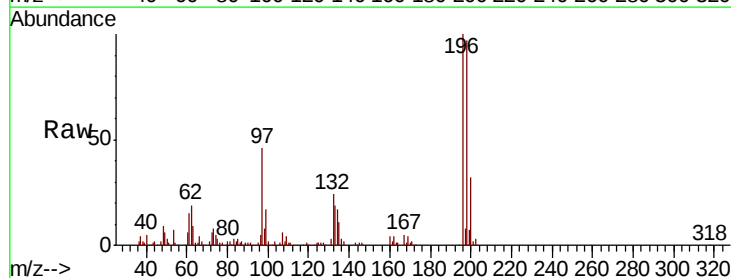
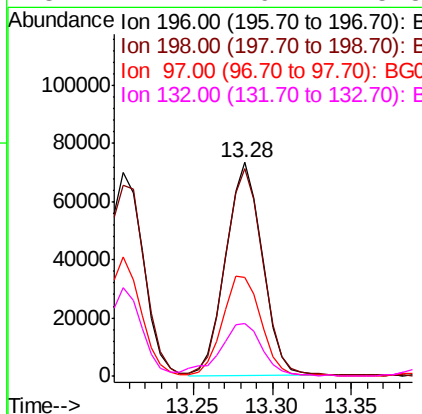
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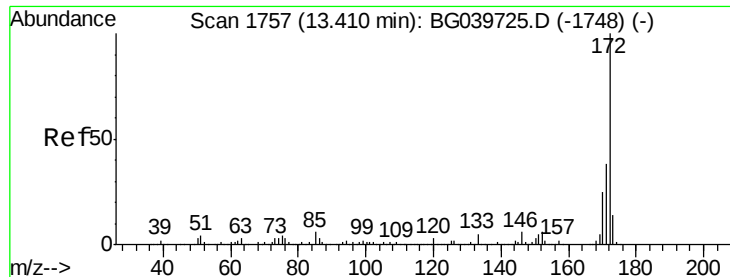
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#44
 2,4,5-Trichlorophenol
 Concen: 41.947 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116819		
198	96.9	78.5	117.7	
97	46.0	38.4	57.6	
132	24.4	19.2	28.8	





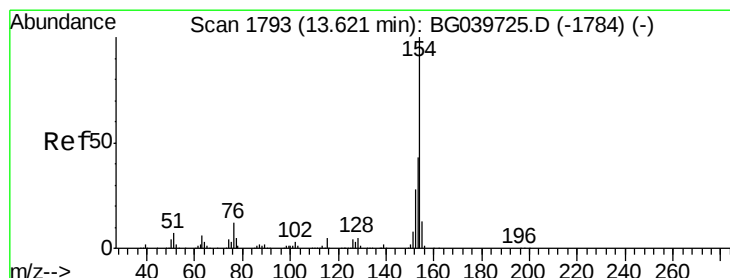
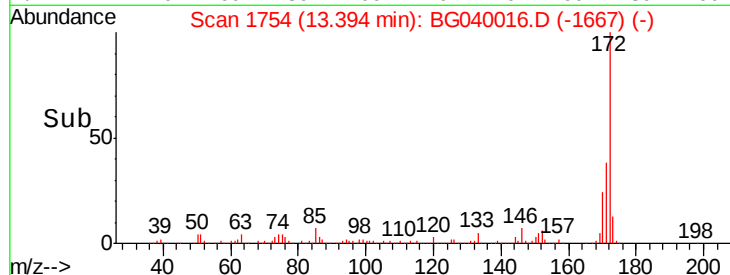
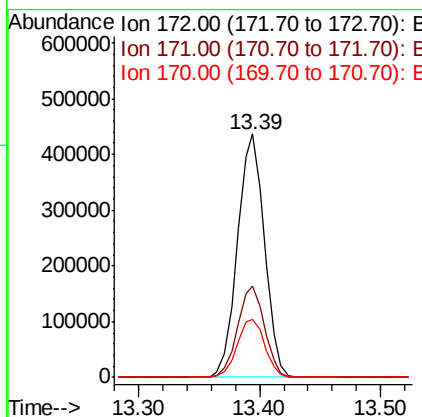
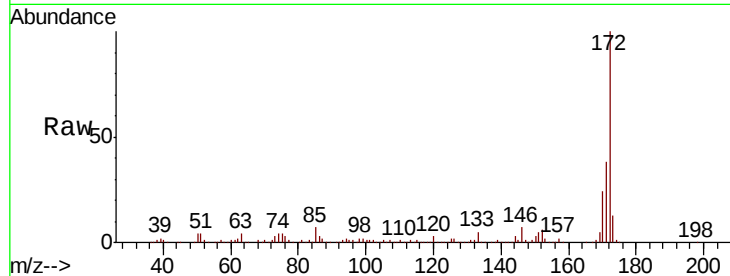
#45
2-Fluorobiphenyl
Concen: 77.454 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	23.9	20.2	30.4

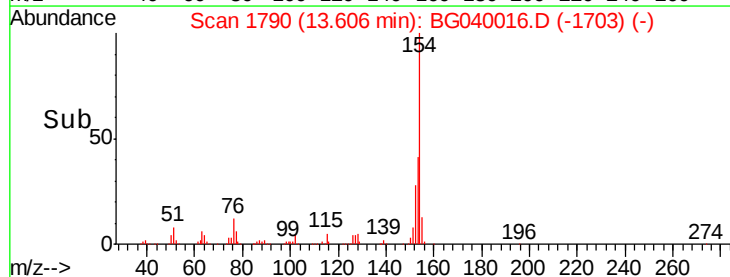
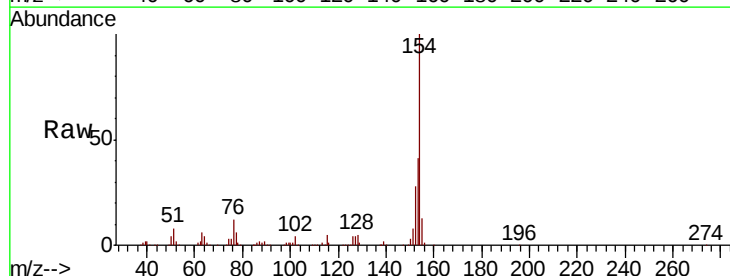
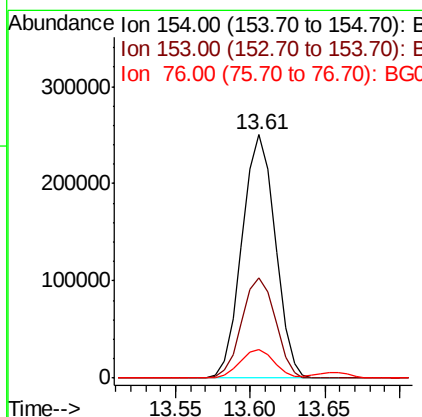
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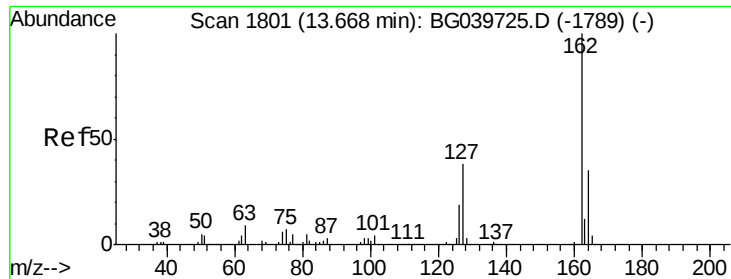
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#46
1,1'-Biphenyl
Concen: 37.884 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	22.1	62.1
76	11.8	0.0	32.4





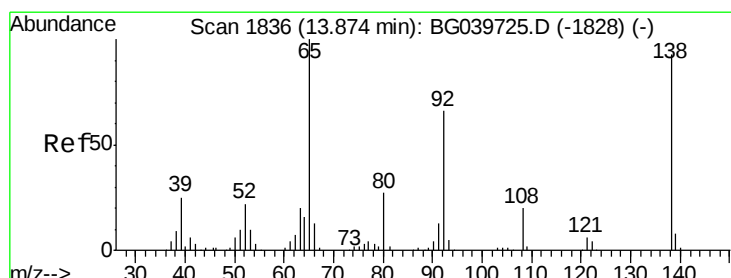
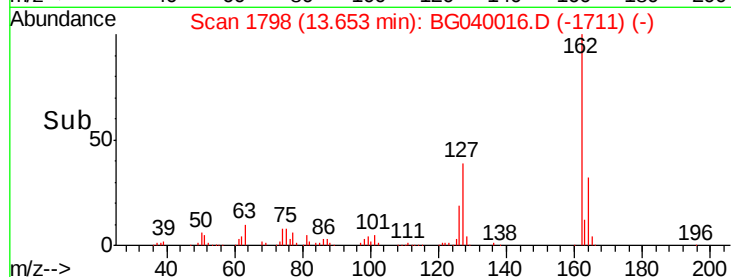
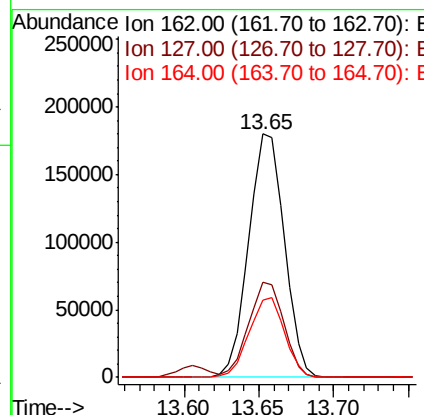
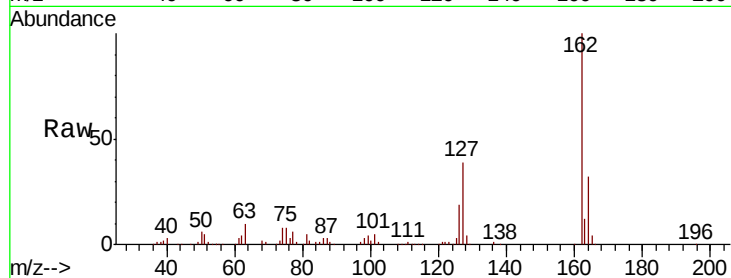
#47
2-Chloronaphthalene
Concen: 38.586 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	31.9	25.7	38.5

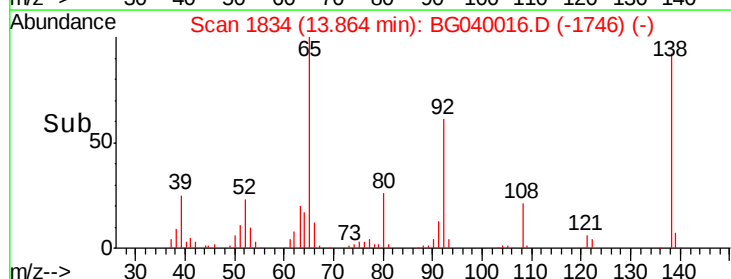
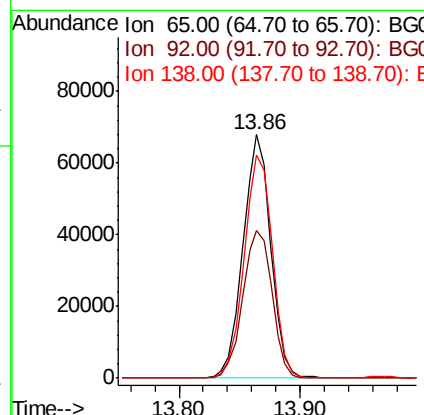
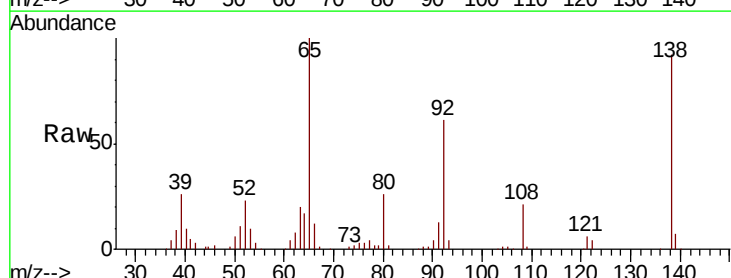
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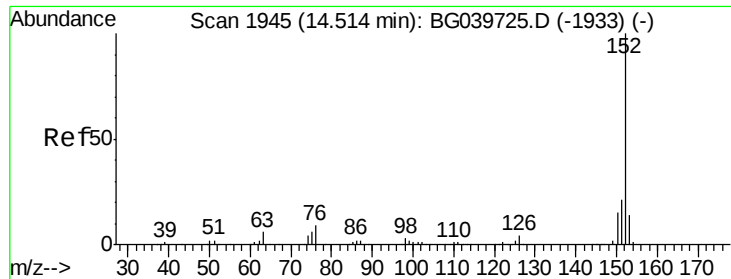
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#48
2-Nitroaniline
Concen: 43.885 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.9	51.4	77.2
138	91.6	71.4	107.2





#49

Acenaphthylene

Concen: 38.089 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

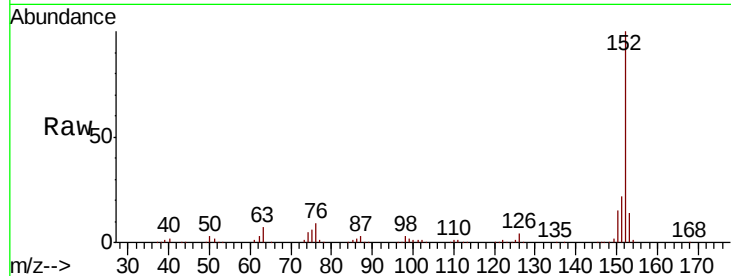
ClientSampleId :

SPMSD

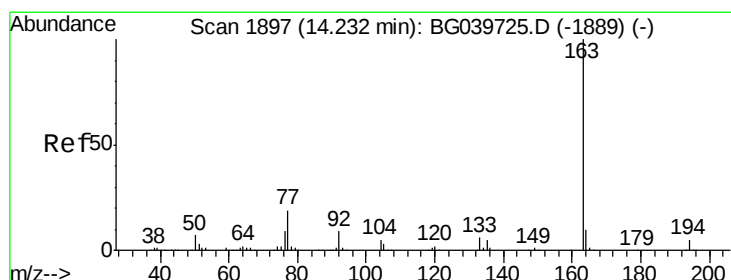
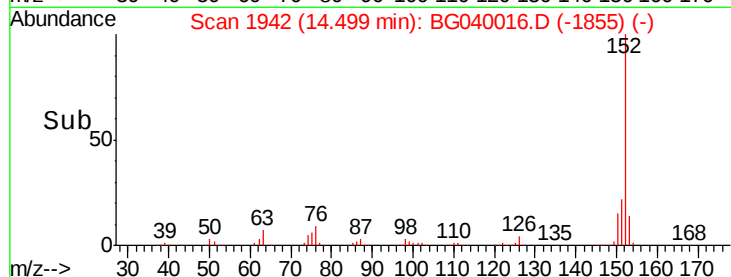
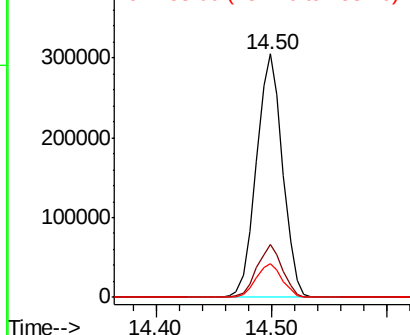
Tot Ion:	152	Resp:	481945
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.8	25.2
153	14.1	11.7	17.5

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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: 46.827 ng

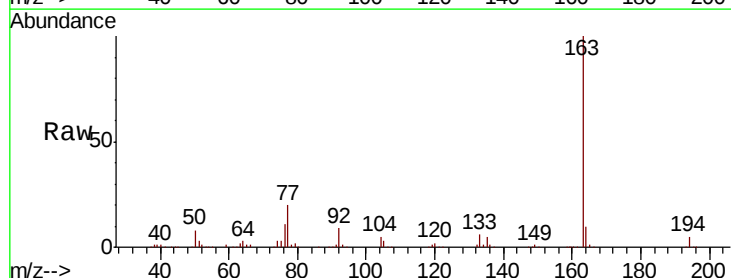
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

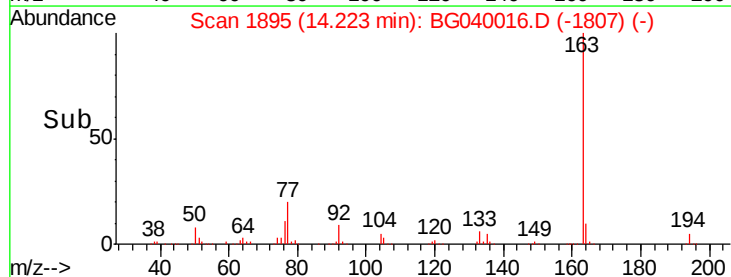
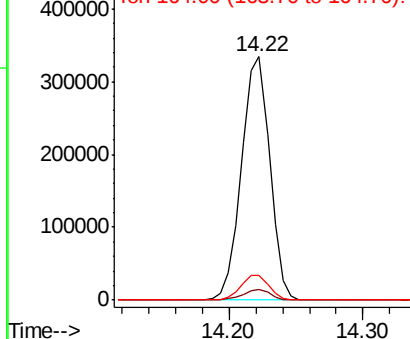
Lab File: BG040016.D

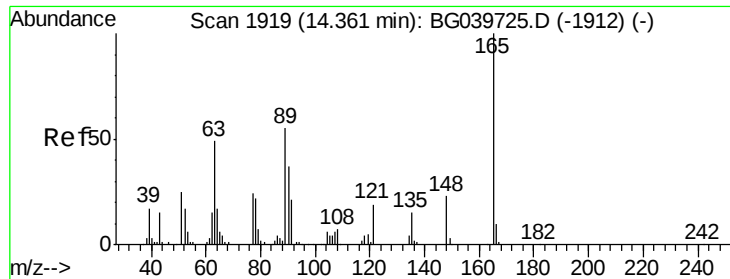
Acq: 19 Mar 2019 23:57

Tgt Ion:	163	Resp:	487771
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.4	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





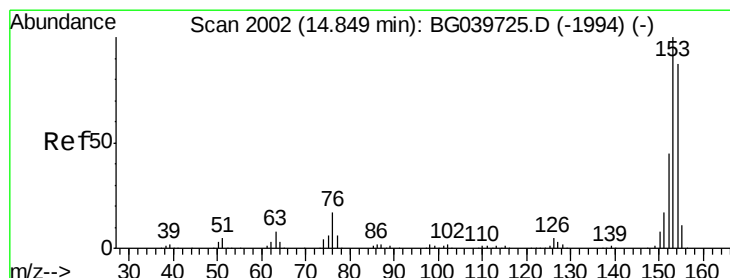
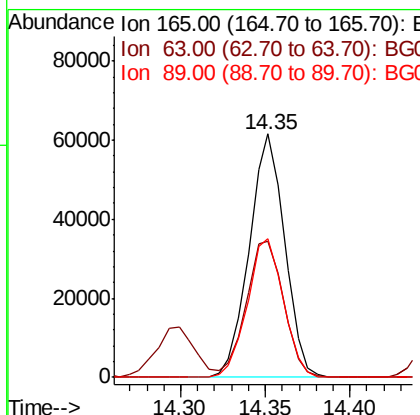
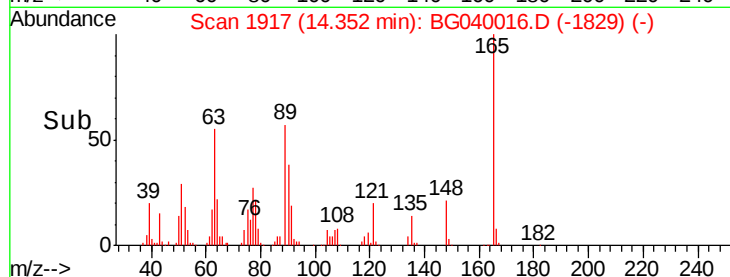
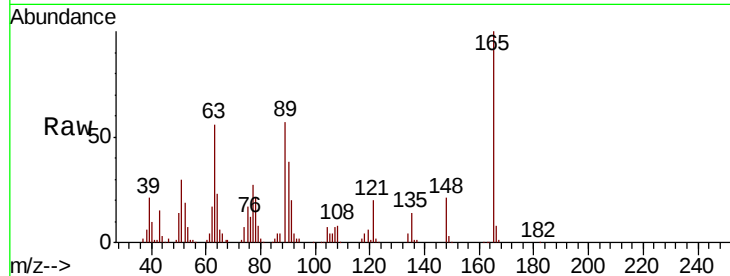
#51
 2,6-Dinitrotoluene
 Concen: 40.736 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	47.0	70.6
89	56.7	45.8	68.8

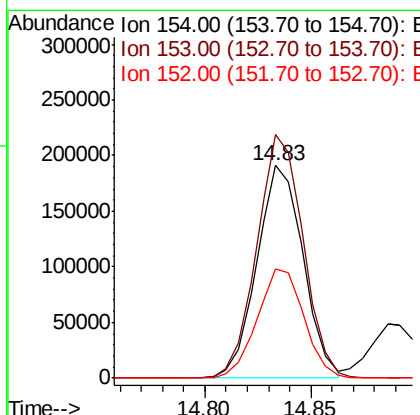
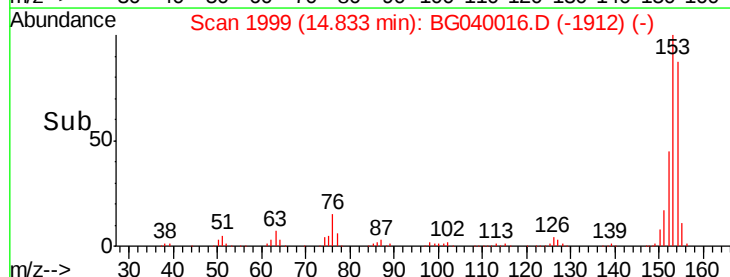
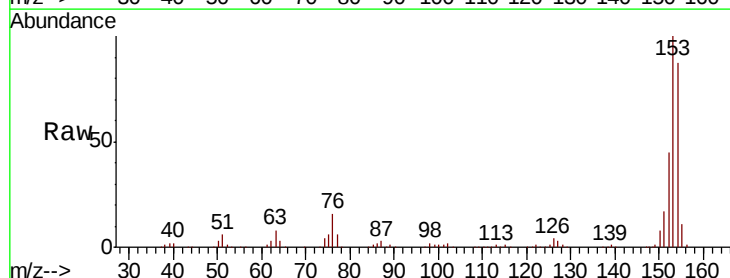
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#52
 Acenaphthene
 Concen: 38.210 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.1	135.1
152	51.2	40.9	61.3





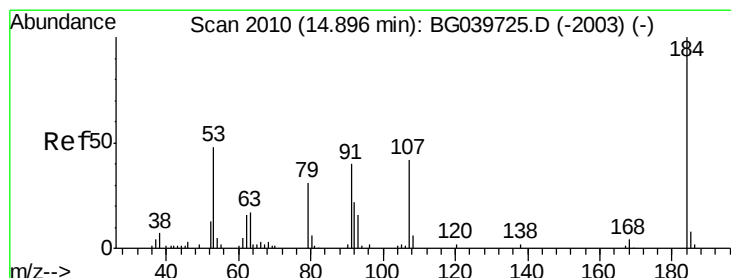
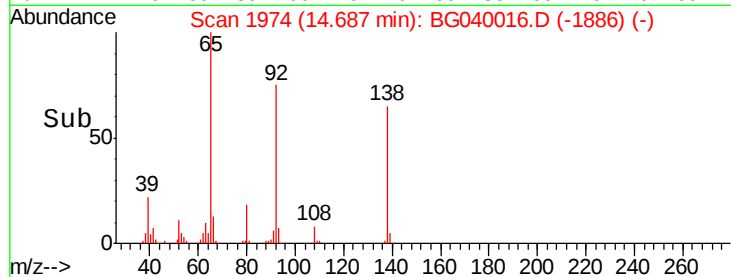
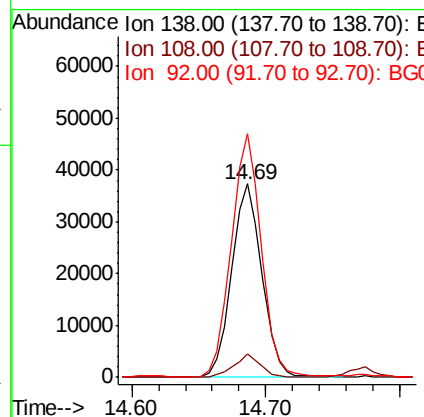
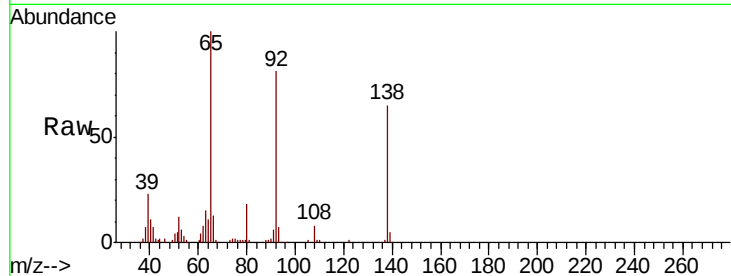
#53
3-Nitroaniline
Concen: 26.598 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:138 Resp: 59041
Ion Ratio Lower Upper
138 100
108 11.9 13.8 20.8#
92 125.8 103.7 155.5

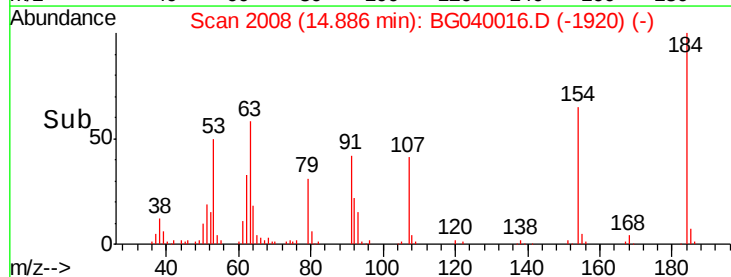
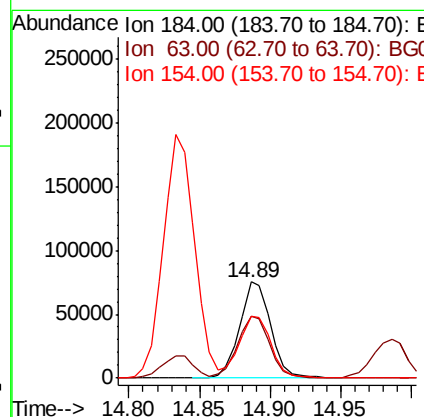
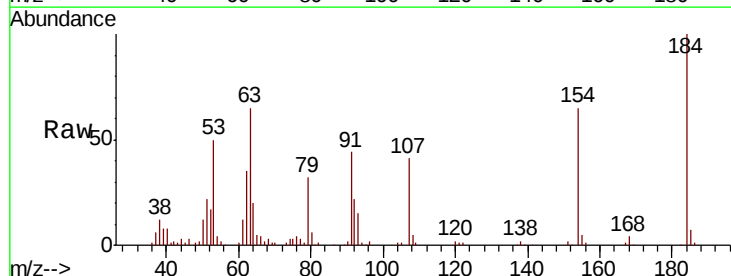
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#54
2,4-Dinitrophenol
Concen: 83.274 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:184 Resp: 116287
Ion Ratio Lower Upper
184 100
63 64.5 50.9 76.3
154 64.9 53.0 79.6





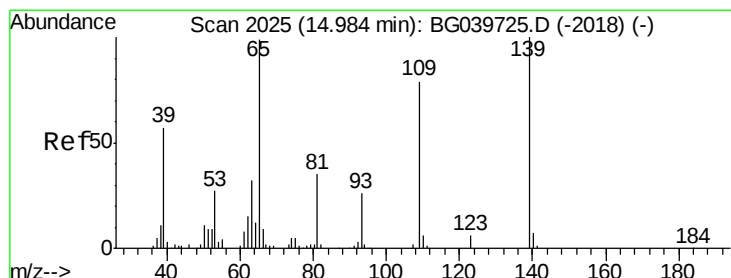
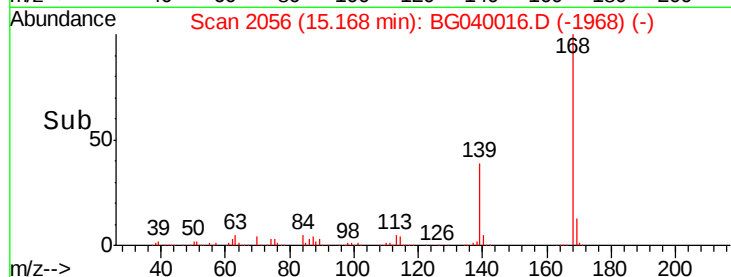
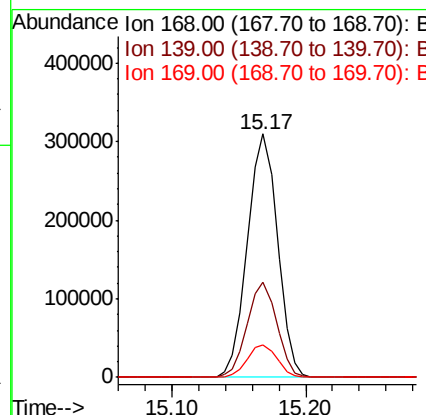
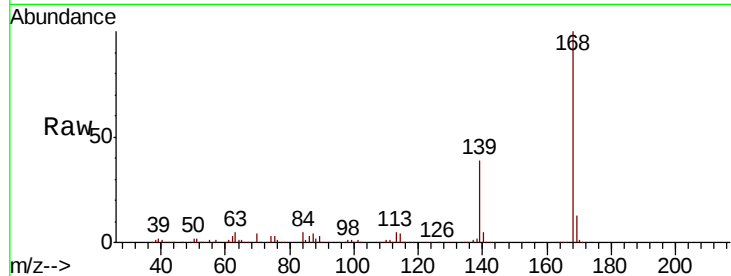
#55
Dibenzenofuran
Concen: 38.479 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	13.1	10.6	16.0

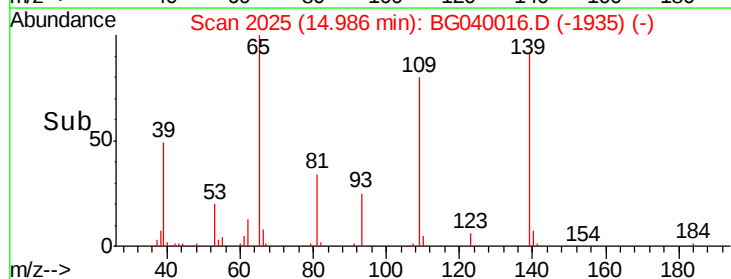
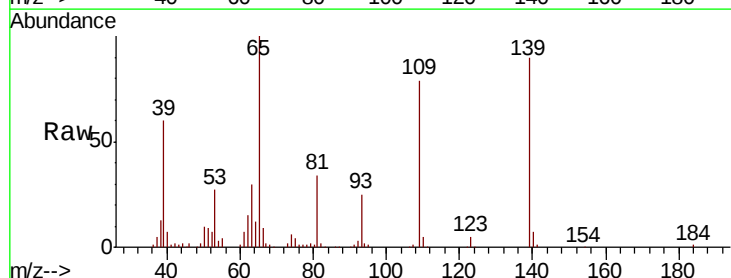
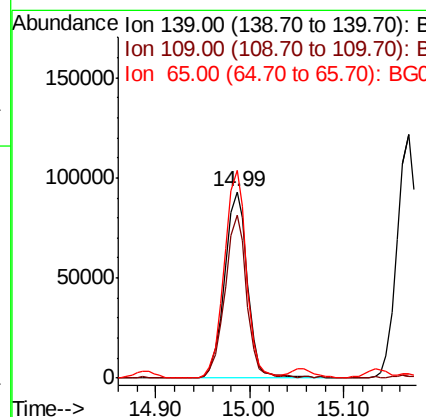
Manual Integrations
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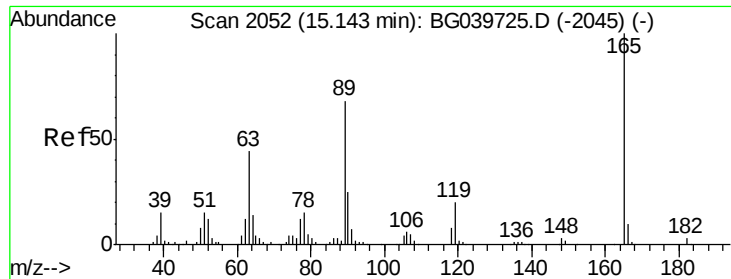
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#56
4-Nitrophenol
Concen: 79.610 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.7	61.9	101.9
65	111.7	99.1	139.1





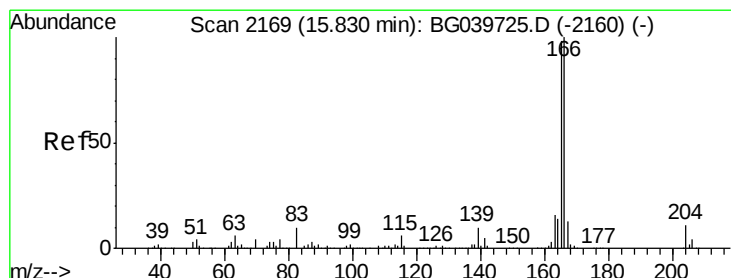
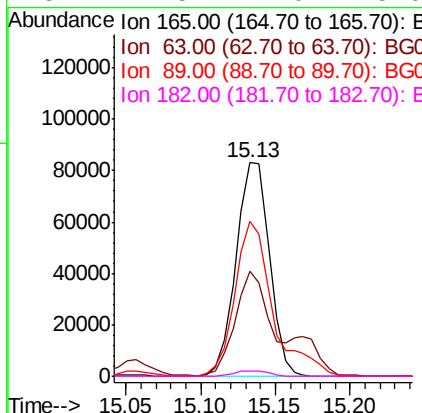
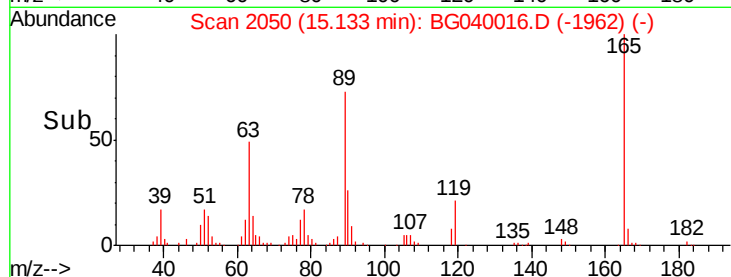
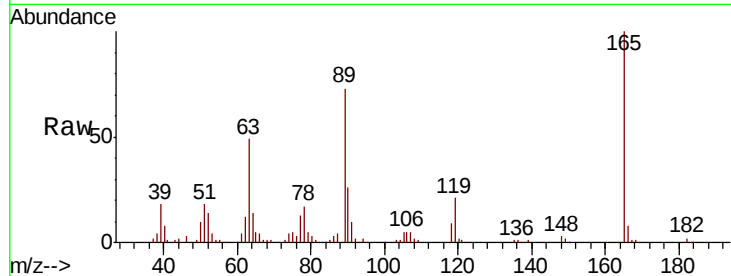
#57
2,4-Dinitrotoluene
Concen: 41.732 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		129486		
63	48.9		41.0	61.6	
89	72.5		64.6	96.8	
182	2.5		2.0	3.0	

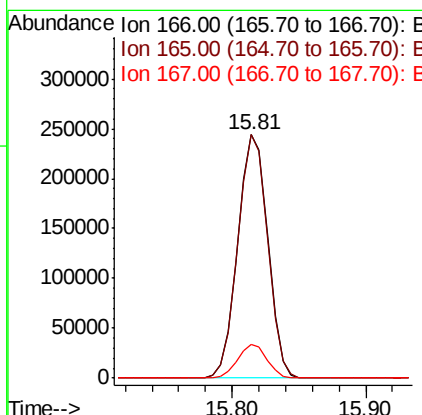
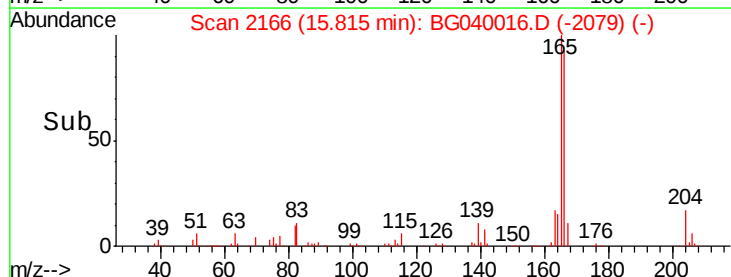
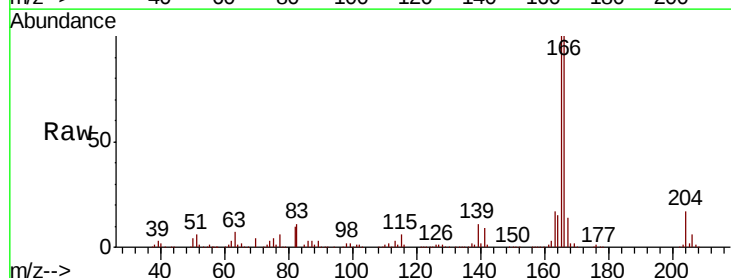
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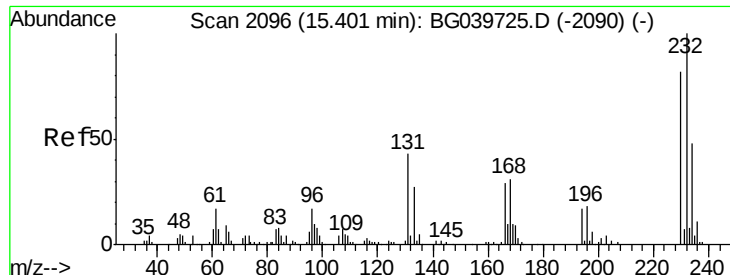
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#58
Fluorene
Concen: 38.600 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		379154		
165	99.9		77.9	116.9	
167	13.6		10.8	16.2	





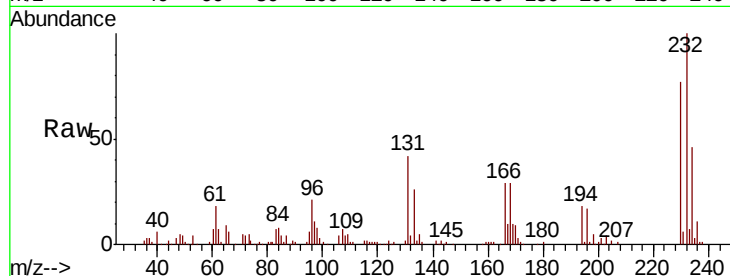
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.444 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion:	232	Resp:	118159
Ion Ratio	Lower	Upper	
232	100		
131	43.4	34.9	52.3
130	2.5	2.0	3.0
166	29.8	24.1	36.1

Manual Integrations
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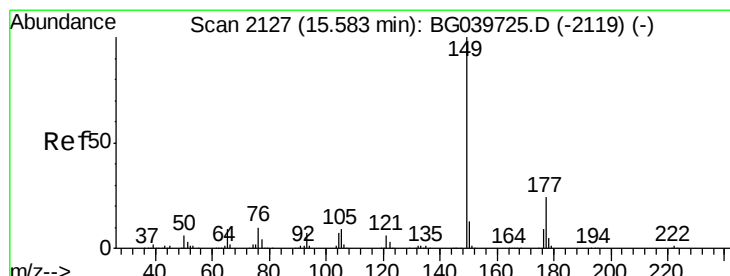
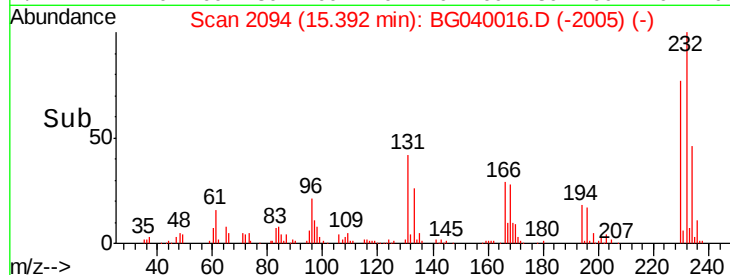
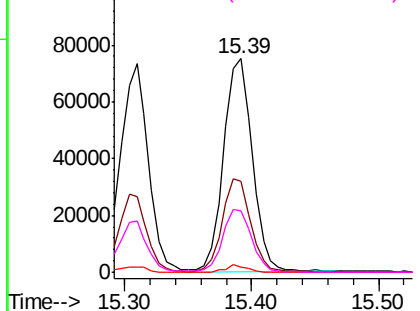
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

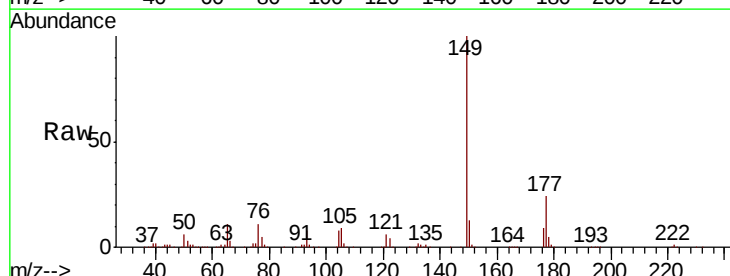
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.921 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion:	149	Resp:	411650
Ion Ratio	Lower	Upper	
149	100		
177	23.8	18.3	27.5
150	12.9	10.2	15.2

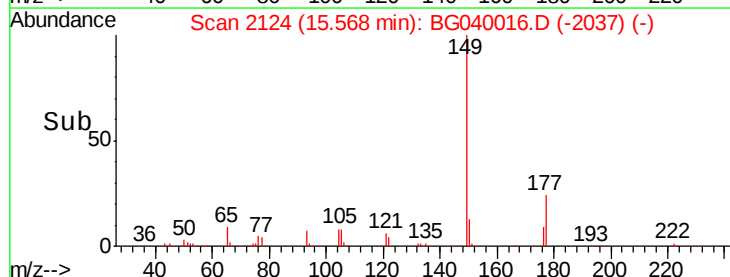
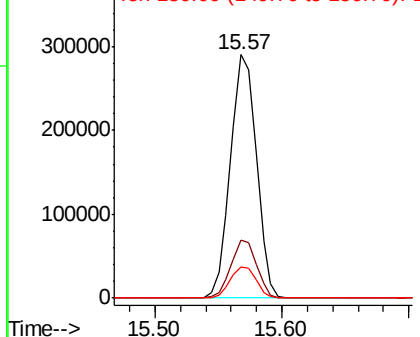


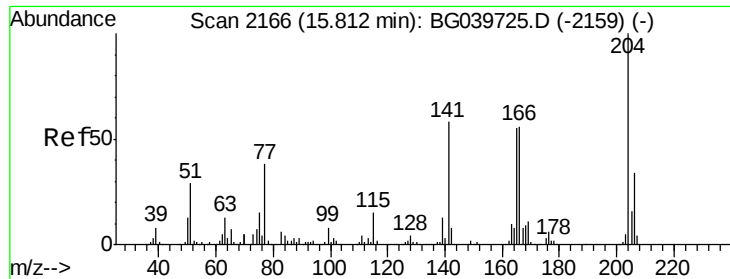
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





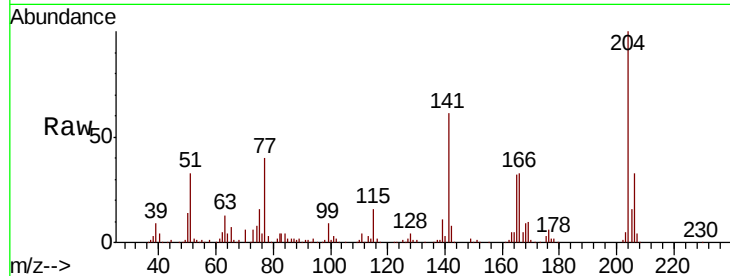
#61
4-Chlorophenyl-phenylether
Concen: 38.227 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion:	204	Resp:	200369
Ion Ratio	Lower	Upper	
204	100		
206	33.2	29.2	43.8
141	61.2	49.0	73.4

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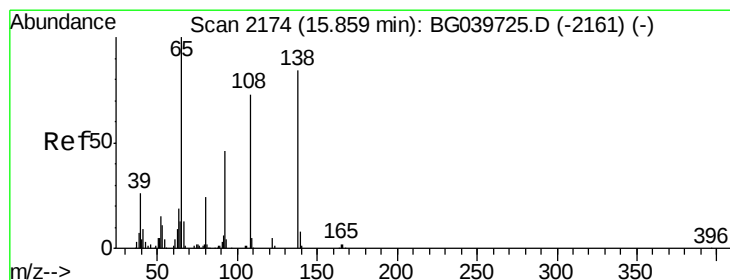
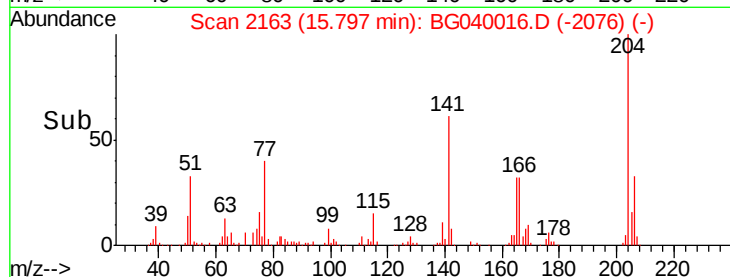
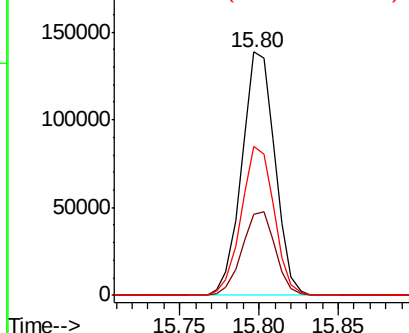


Abundance

Ion 204.00 (203.70 to 204.70): E

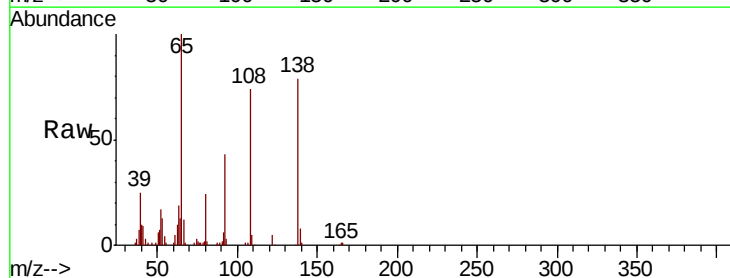
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.016 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:	138	Resp:	96296
Ion Ratio	Lower	Upper	
138	100		
92	54.3	38.7	78.7
108	94.3	74.6	114.6

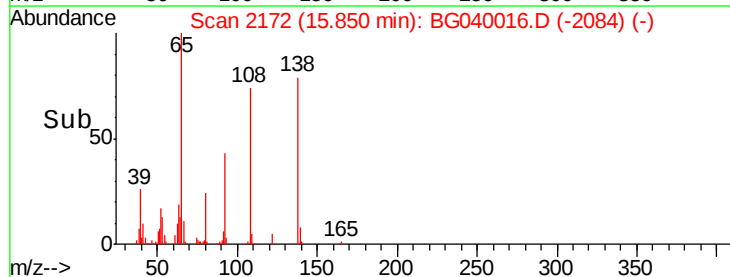
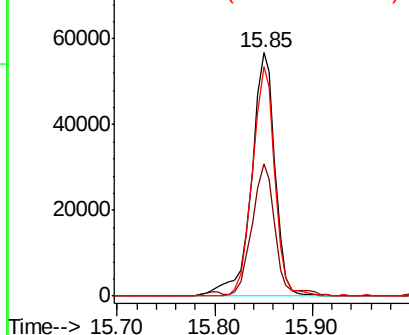


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





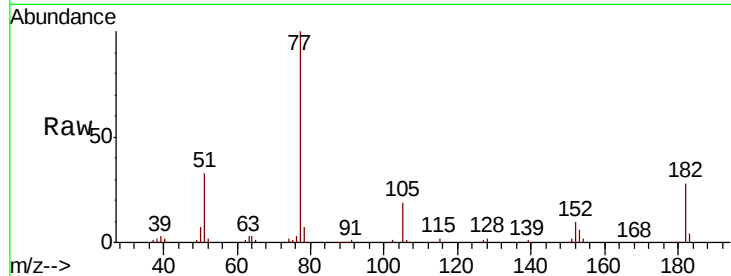
#63
Azobenzene
Concen: 40.054 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

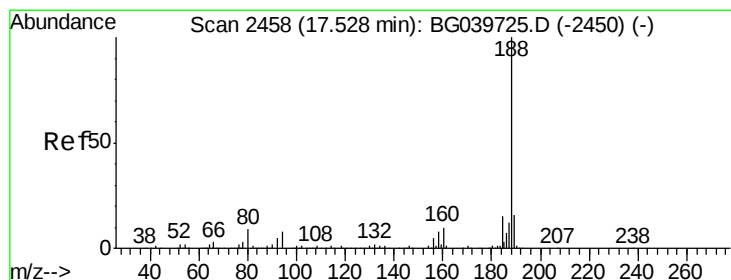
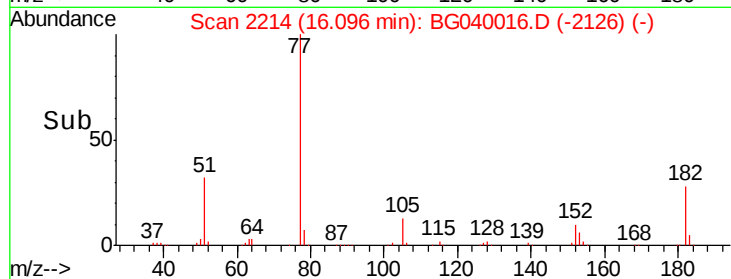
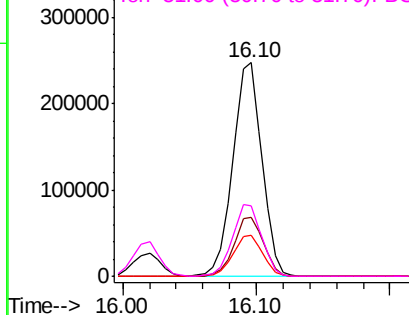
Tot Ion:	77	Resp:	374391
Ion Ratio	Lower	Upper	
77	100		
182	27.6	6.4	46.4
105	19.2	0.0	39.8
51	33.0	14.1	54.1

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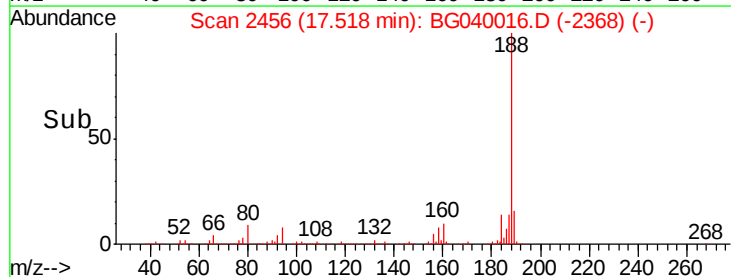
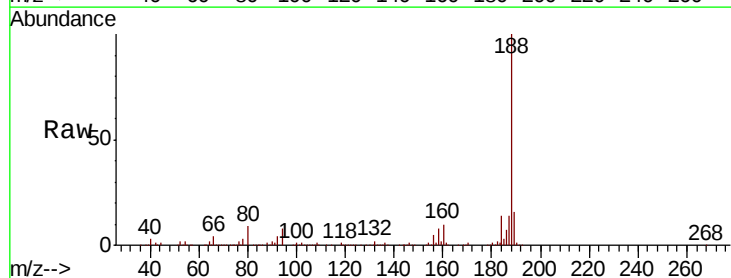
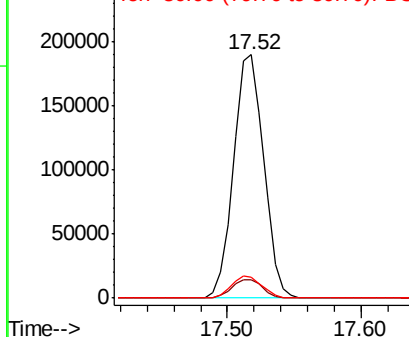
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

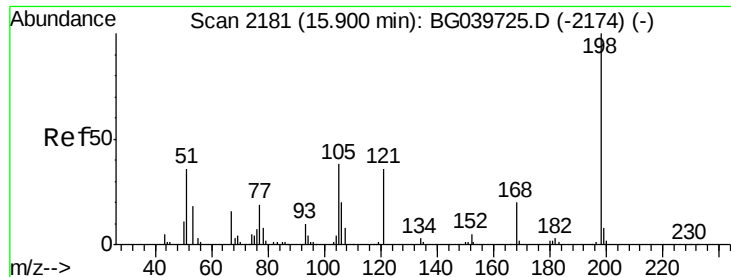


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:	188	Resp:	297543
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.9	10.3
80	8.7	8.1	12.1

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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.743 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tot Ion:198 Resp: 78716

Ion Ratio Lower Upper

198 100

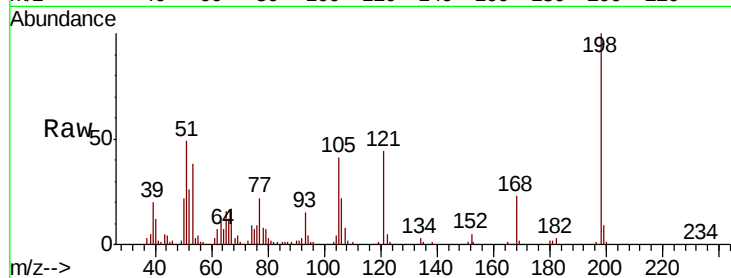
51 49.0 27.4 67.4

105 41.2 19.7 59.7

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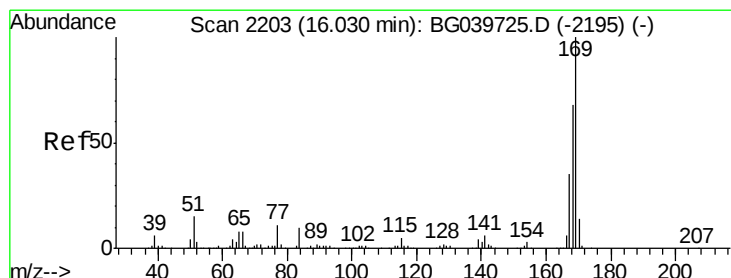
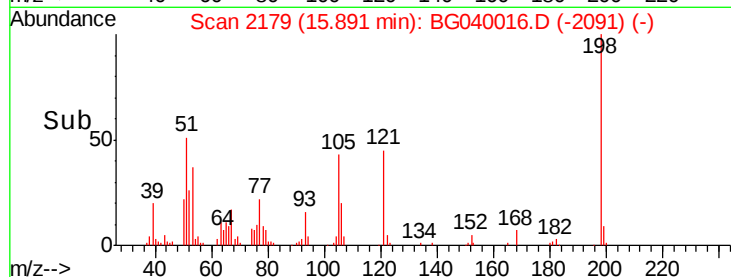
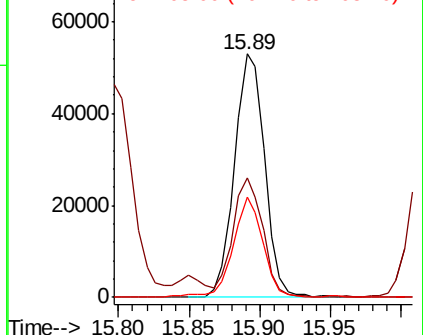
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.042 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:169 Resp: 344916

Ion Ratio Lower Upper

169 100

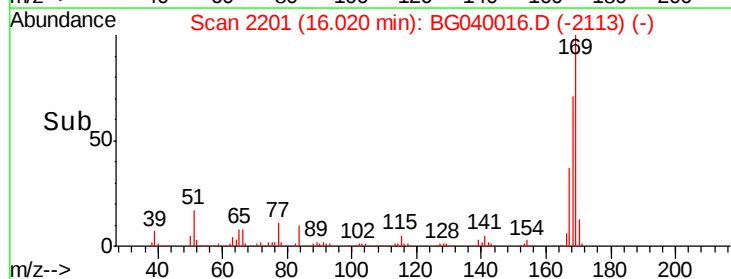
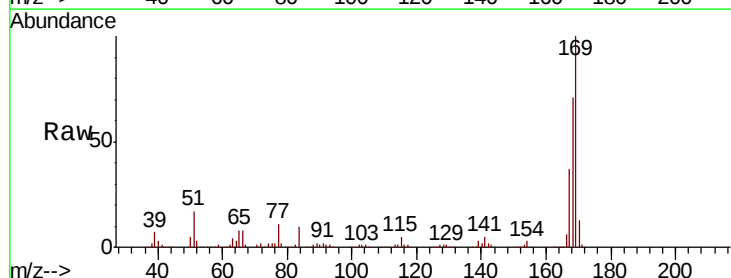
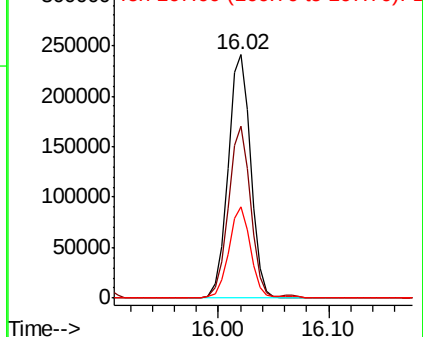
168 70.9 56.6 85.0

167 37.5 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





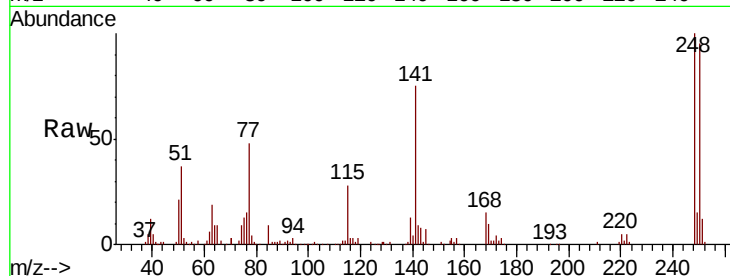
#67
4-Bromophenyl-phenylether
Concen: 39.795 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.6	116.4
141	75.4	63.9	95.9

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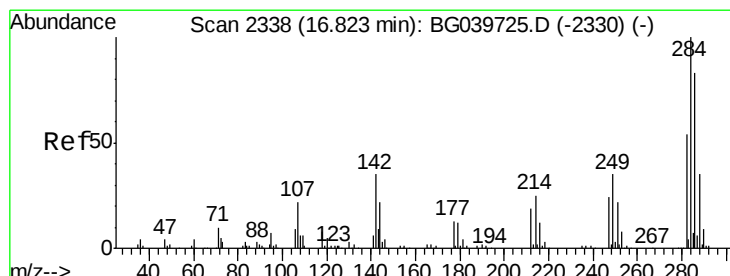
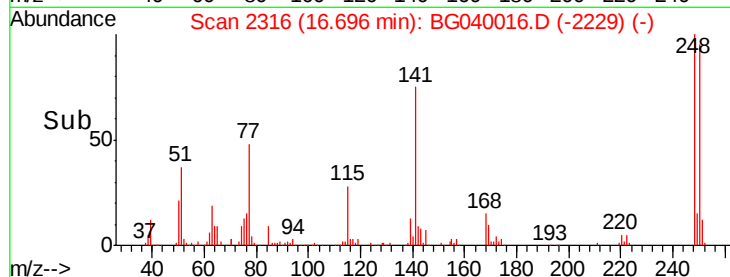
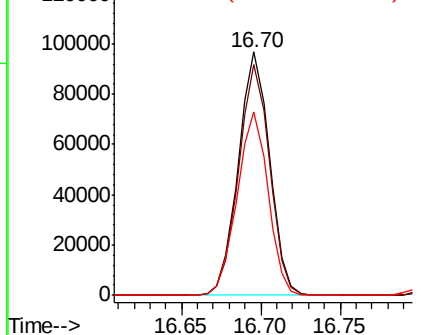


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.392 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

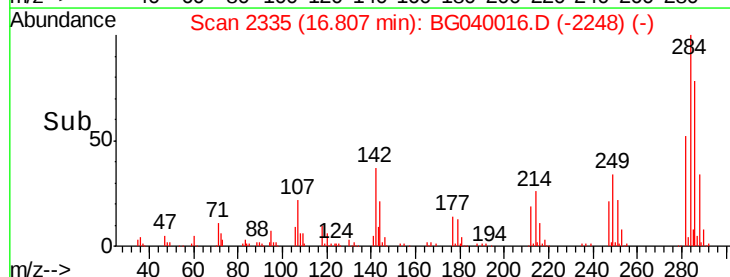
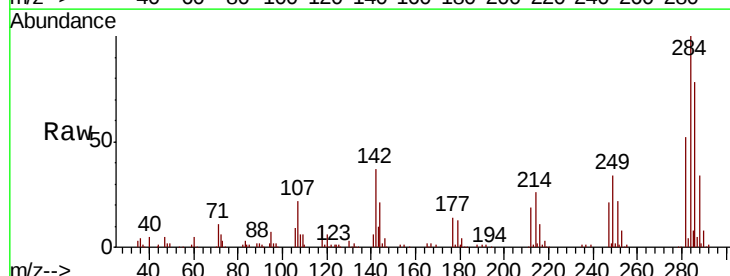
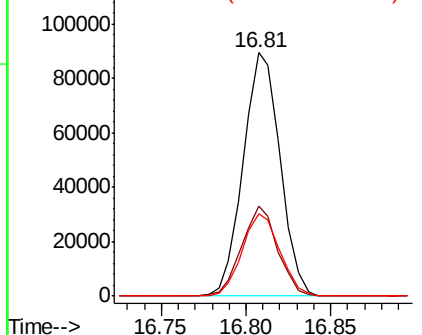
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	30.6	45.8
249	33.7	28.2	42.2

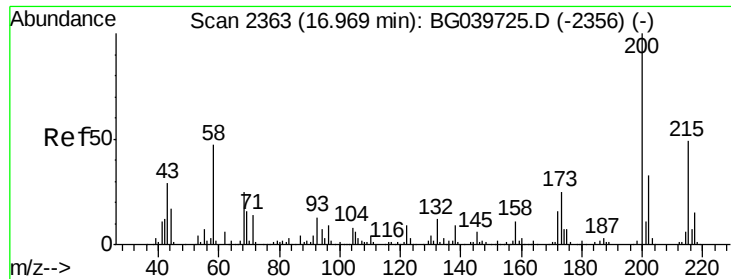
Abundance

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





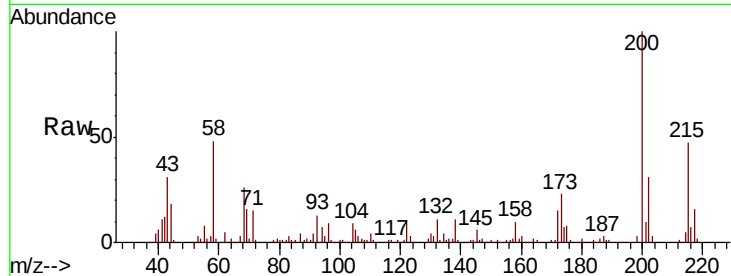
#69
 Atrazine
 Concen: 41.087 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

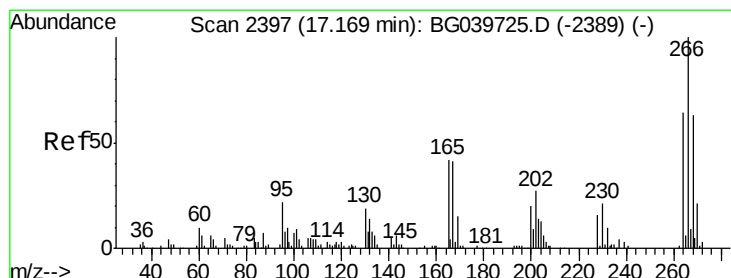
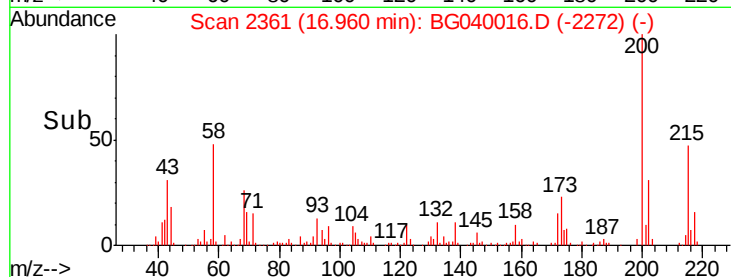
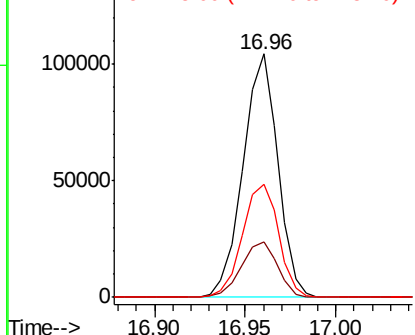
Tot Ion	Ratio	Resp	Lower	Upper
200	100	139289		
173	22.9	3.9	43.9	
215	46.7	30.9	70.9	

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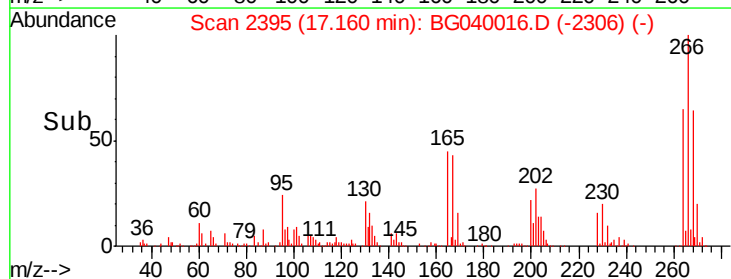
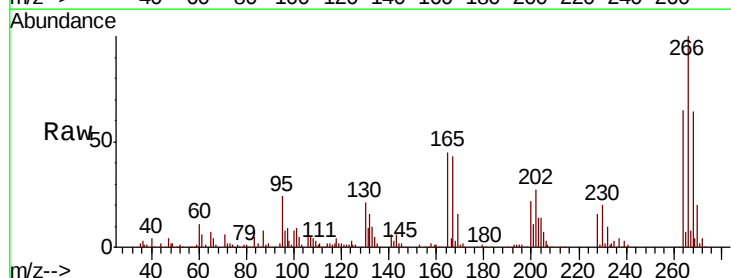
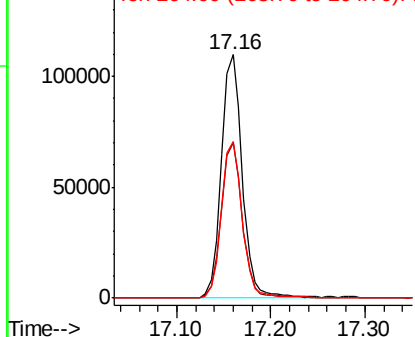
Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

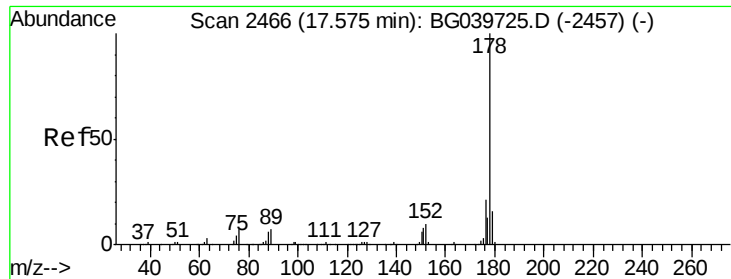


#70
 Pentachlorophenol
 Concen: 78.970 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	172179		
268	63.6	51.1	76.7	
264	64.6	52.1	78.1	

Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





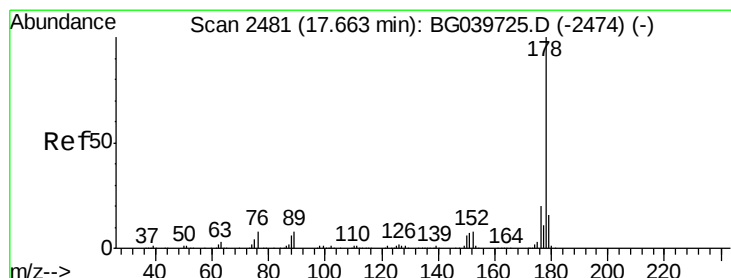
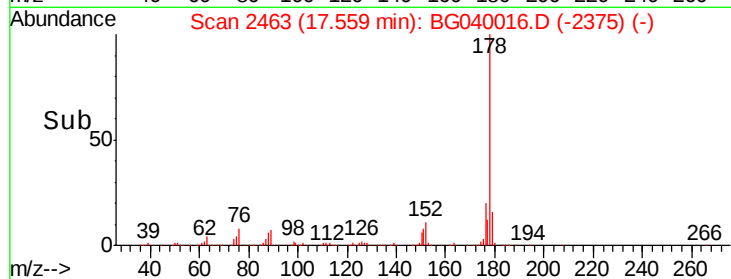
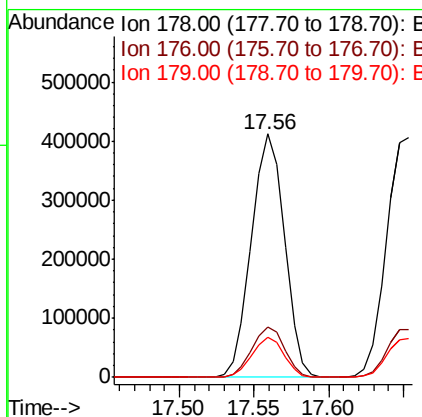
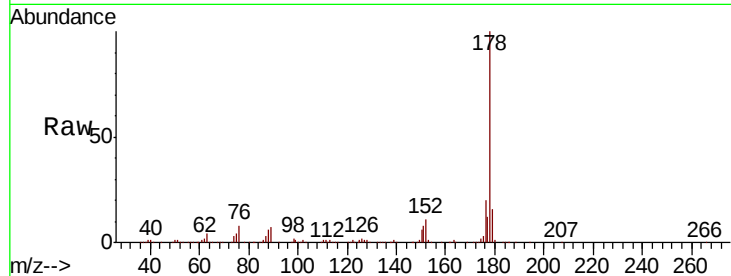
#71
 Phenanthrene
 Concen: 38.660 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

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

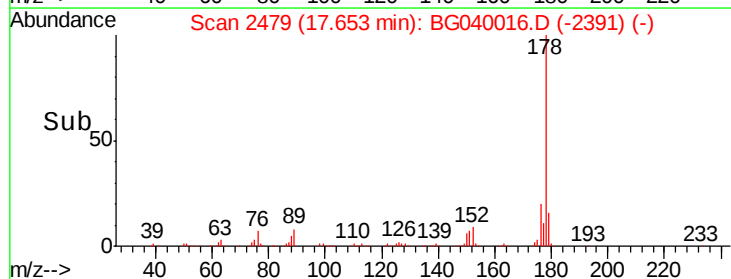
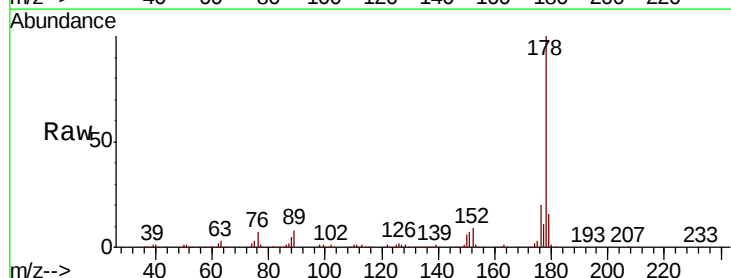
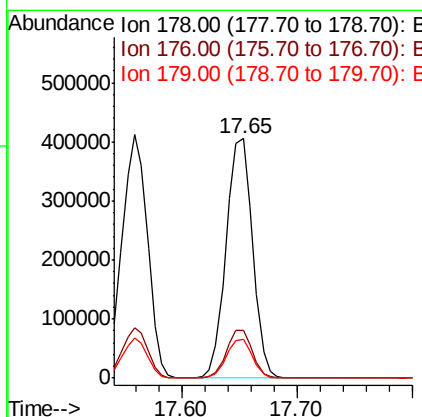
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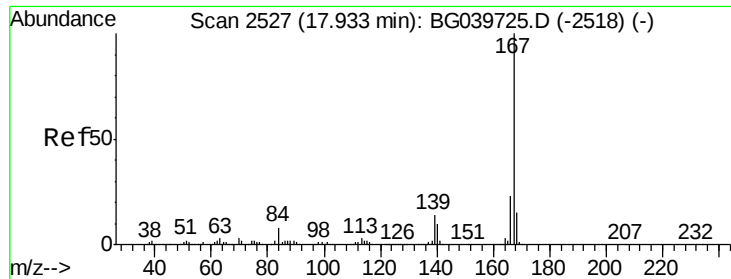
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#72
 Anthracene
 Concen: 40.318 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	16.2	12.5	18.7





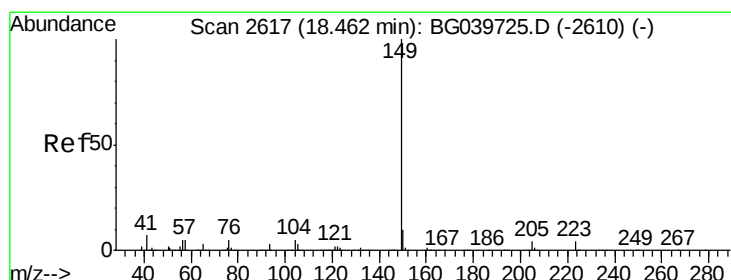
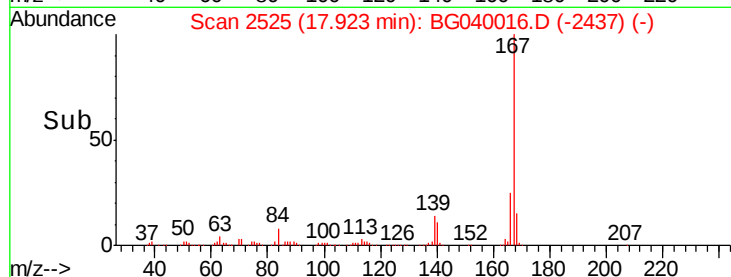
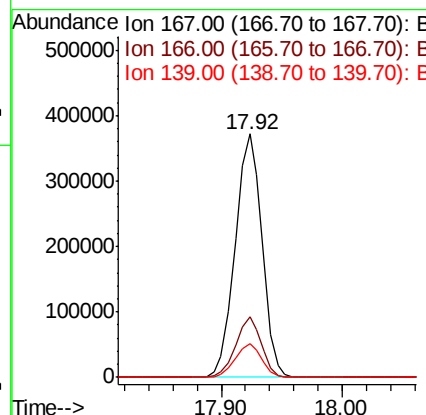
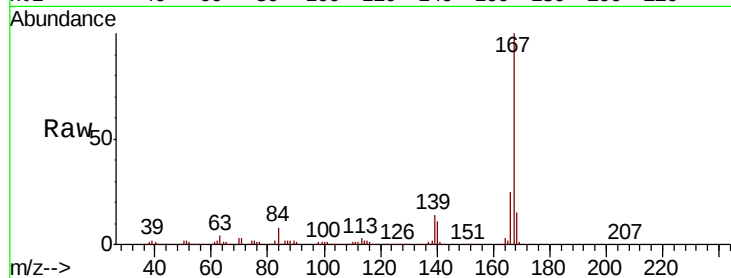
#73
 Carbazole
 Concen: 39.765 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.7	19.4	29.2
139	13.7	10.8	16.2

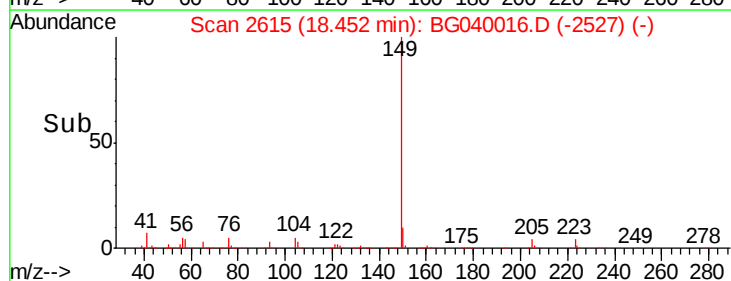
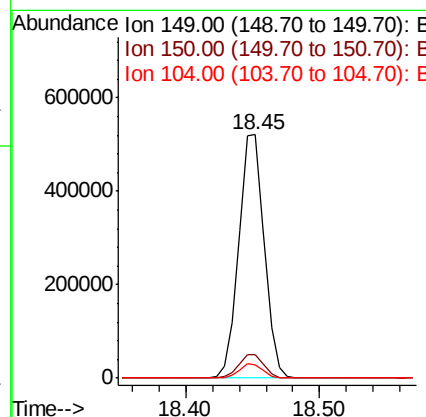
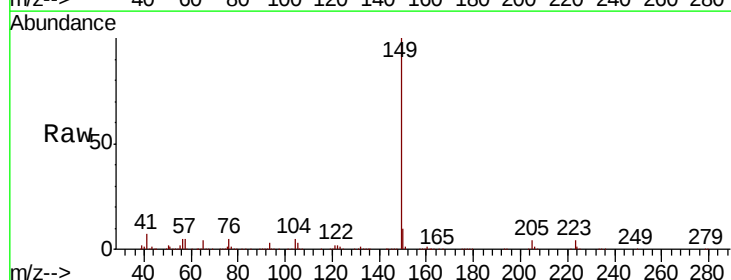
Manual Integrations
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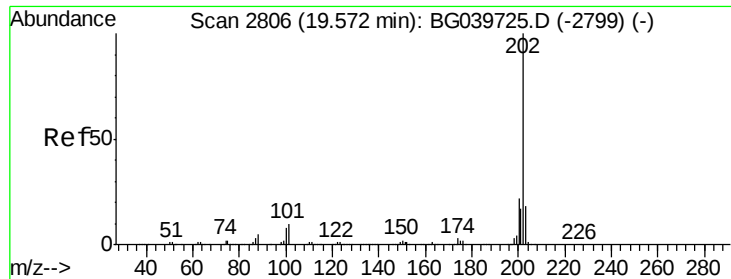
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#74
 Di-n-butylphthalate
 Concen: 40.831 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.3	4.5	6.7





#75

Fluoranthene

Concen: 38.489 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

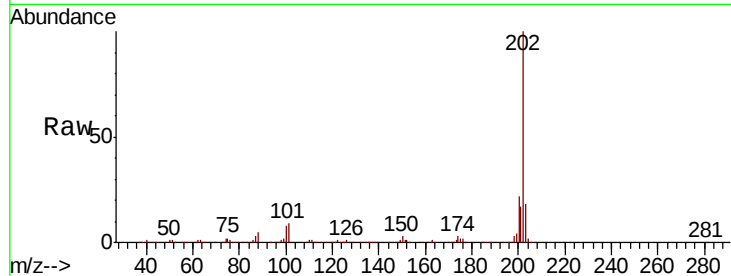
ClientSampleId :

SPMSD

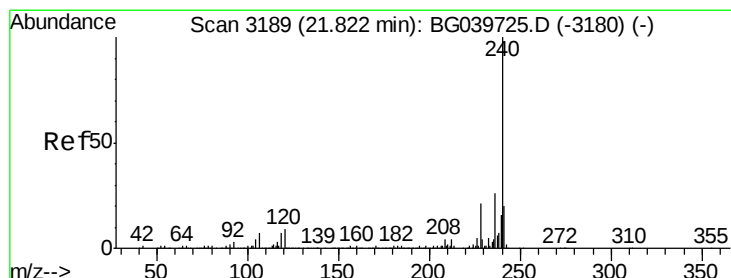
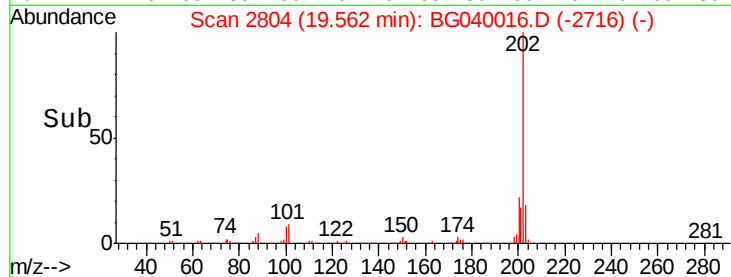
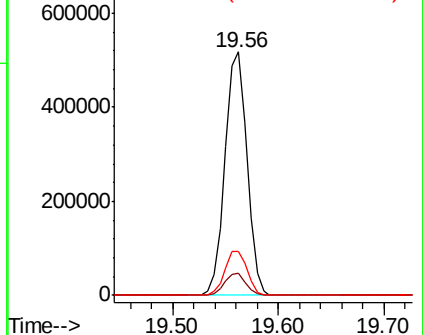
Tot Ion:	202	Resp:	745481
Ion Ratio		Lower	Upper
202	100		
101	8.9	0.0	30.0
203	18.3	0.0	38.9

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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

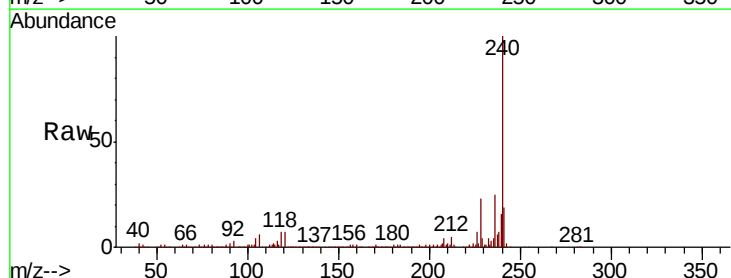
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

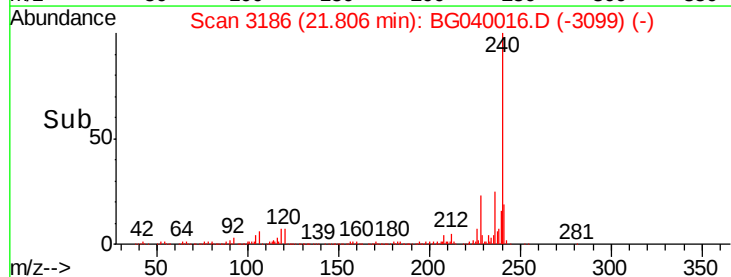
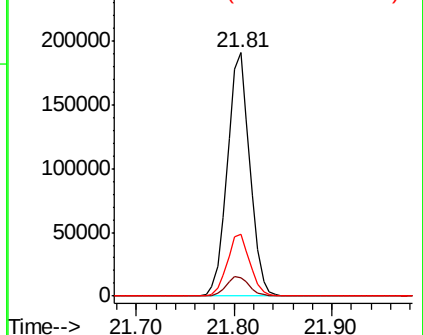
Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	240	Resp:	303369
Ion Ratio		Lower	Upper
240	100		
120	7.4	7.0	10.6
236	25.5	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: 2.121 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

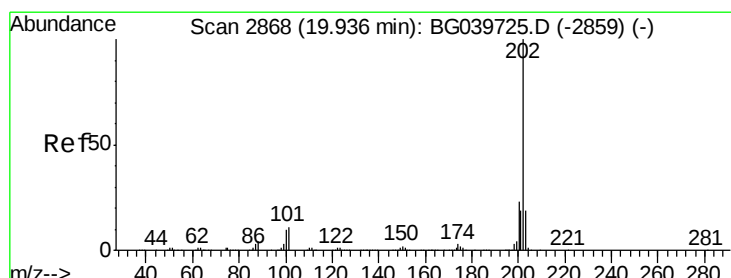
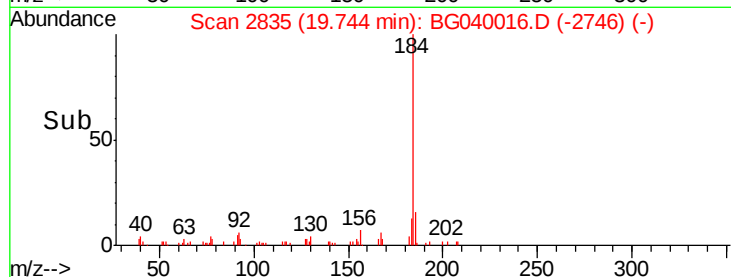
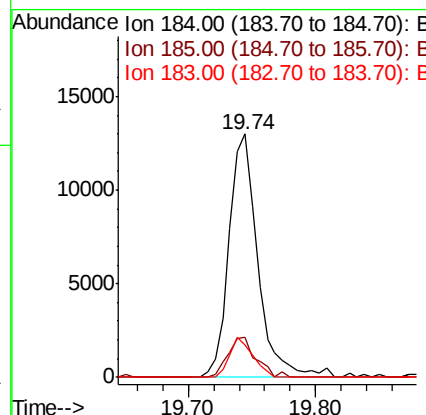
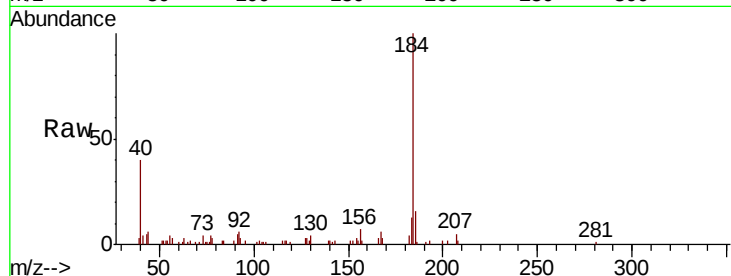
ClientSampleId :

SPMSD

Tot Ion:	184	Resp:	20415
Ion Ratio	Lower	Upper	
184	100		
185	16.5	12.2	18.2
183	13.2	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 38.488 ng

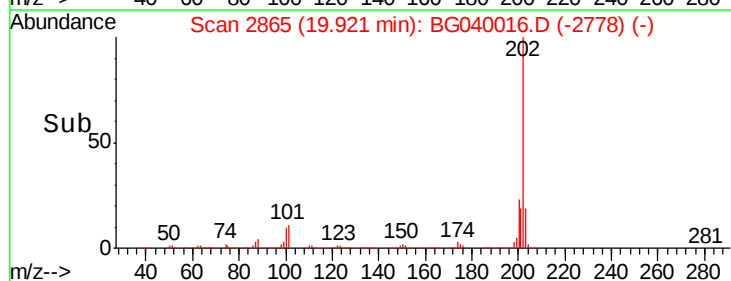
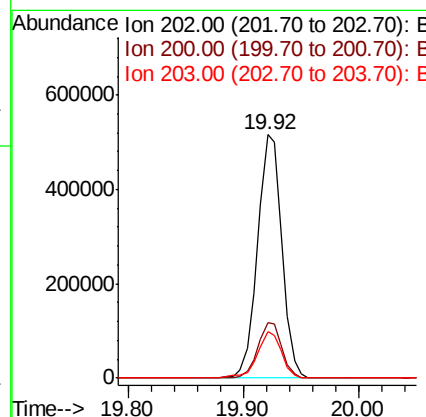
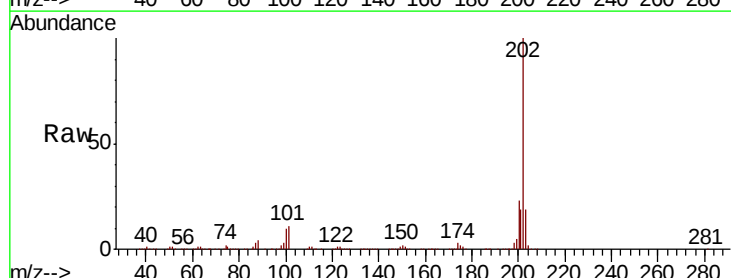
RT: 19.92 min Scan# 2865

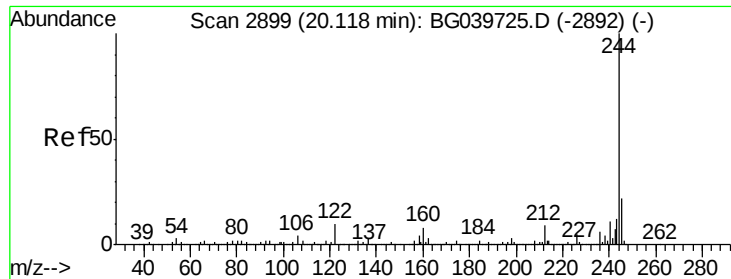
Delta R.T. -0.02 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	202	Resp:	758713
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	18.9	15.3	22.9





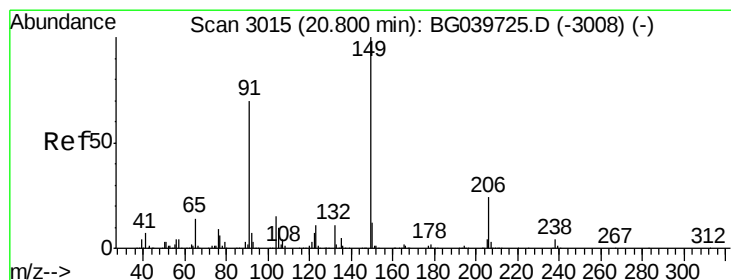
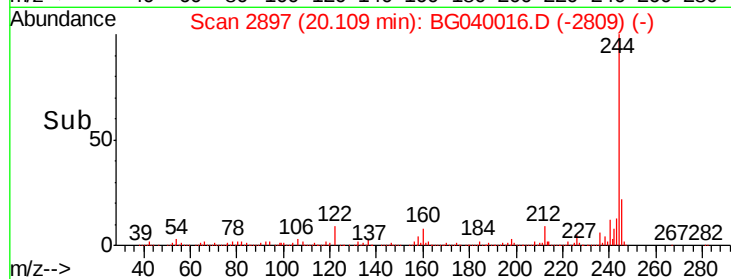
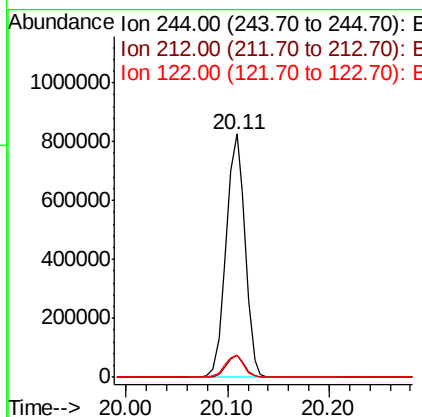
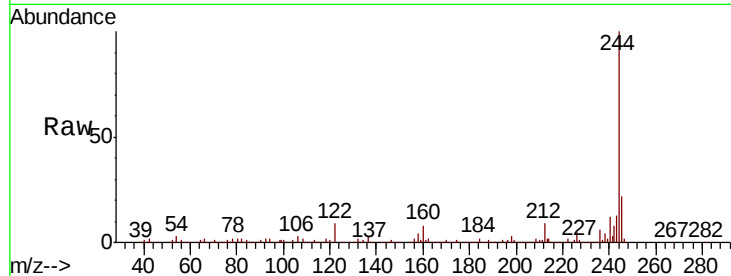
#79
 Terphenyl-d14
 Concen: 77.685 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.1	8.4	12.6

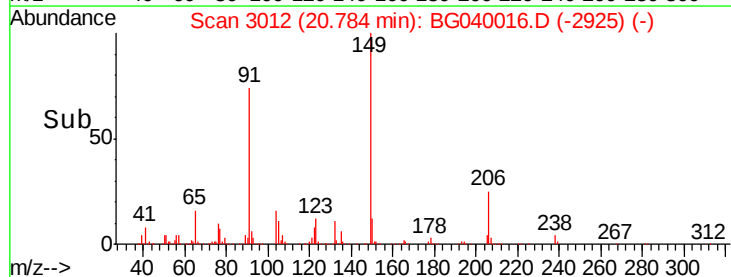
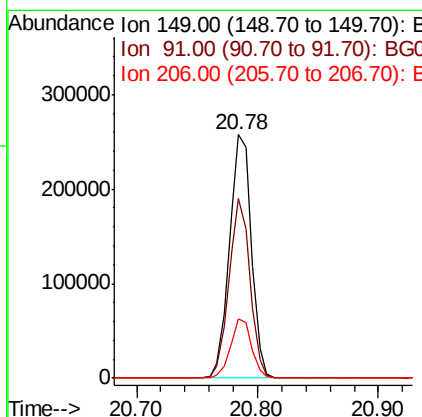
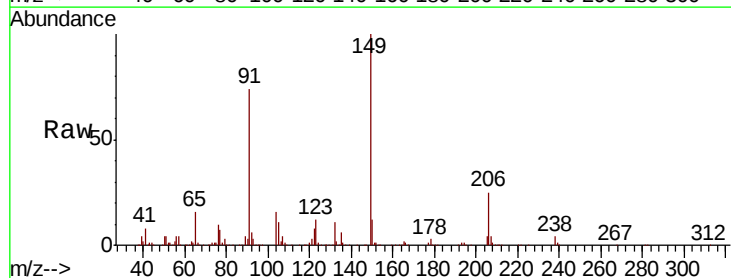
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 42.731 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	59.5	89.3
206	24.6	18.6	27.8





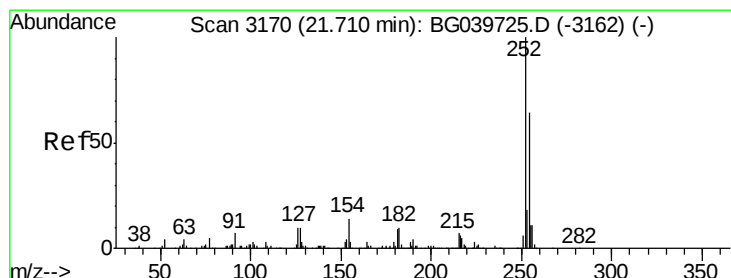
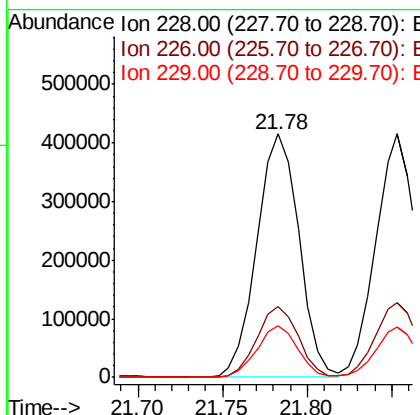
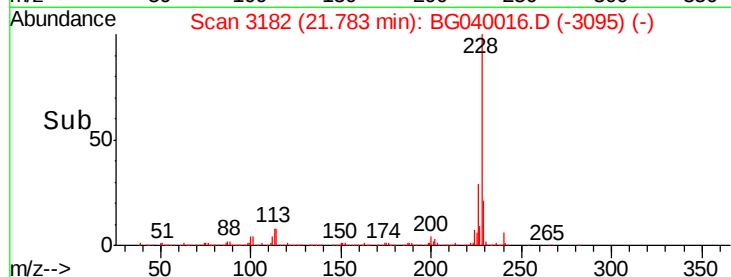
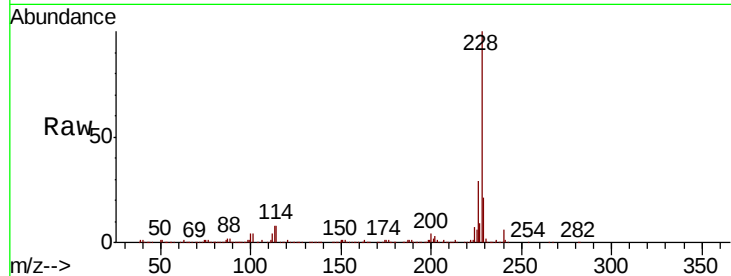
#81
Benzo(a)anthracene
Concen: 37.999 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	21.2	16.9	25.3

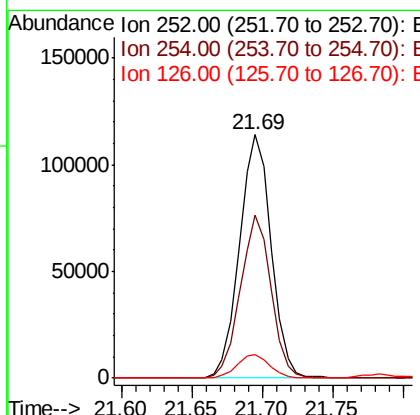
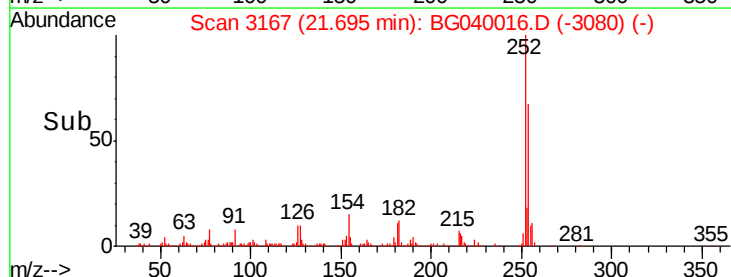
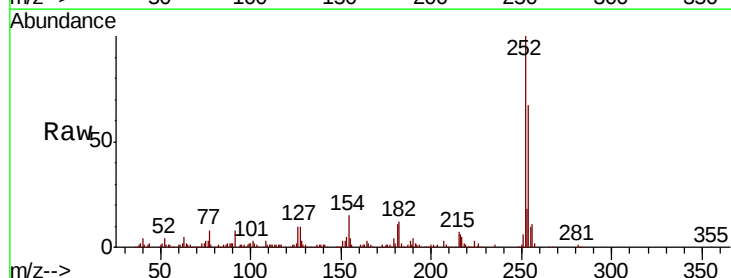
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 25.770 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.2	51.3	76.9
126	9.6	8.0	12.0





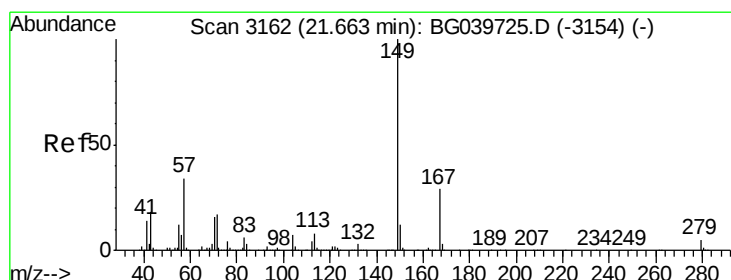
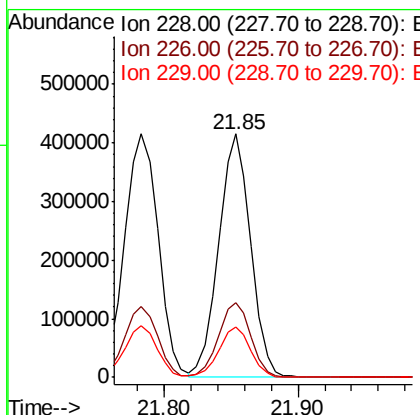
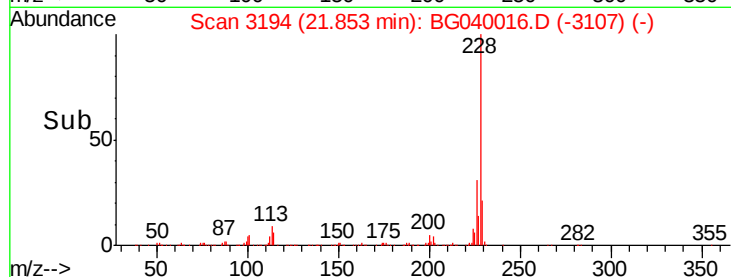
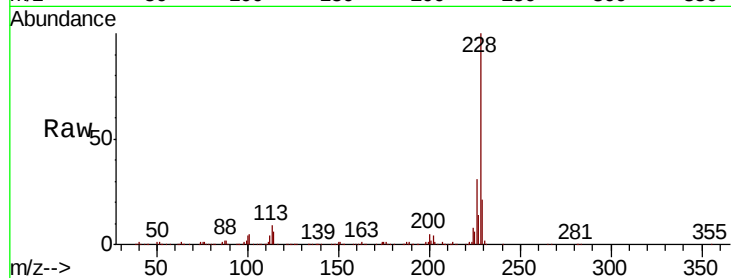
#83
 Chrysene
 Concen: 37.679 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.8	38.6
229	20.6	16.6	25.0

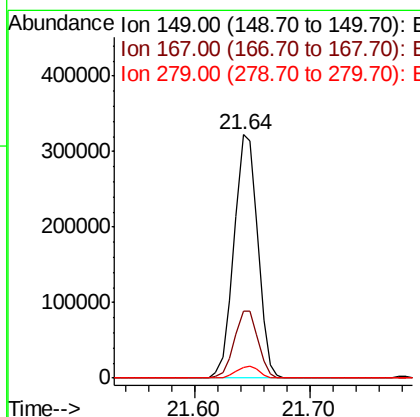
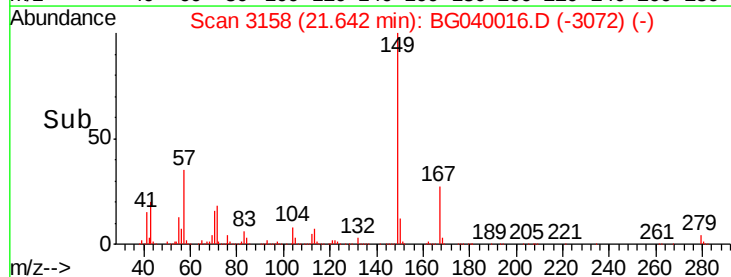
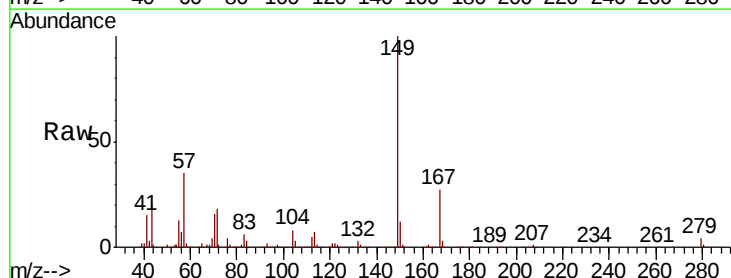
Manual Integrations
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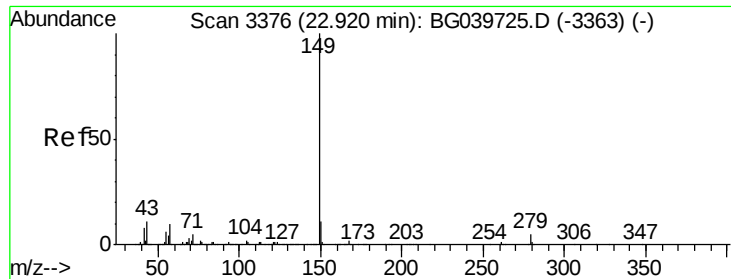
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.710 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040016.D
 Acq: 19 Mar 2019 23:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	4.4	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 44.188 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

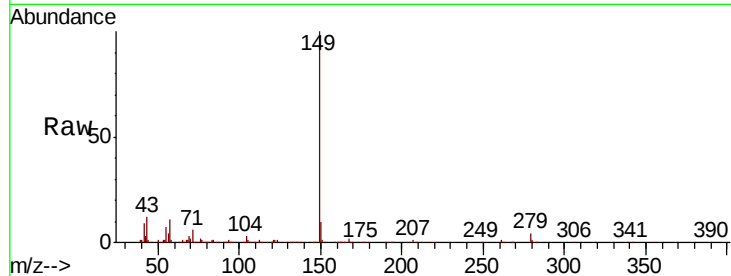
ClientSampled :

SPMSD

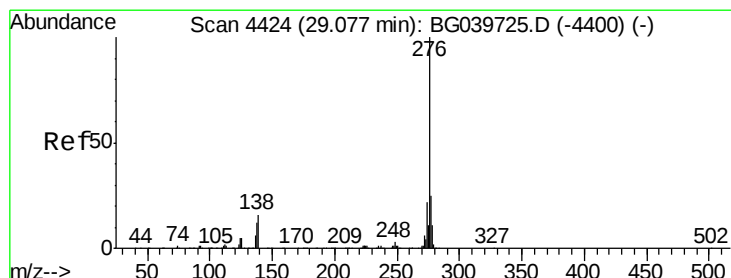
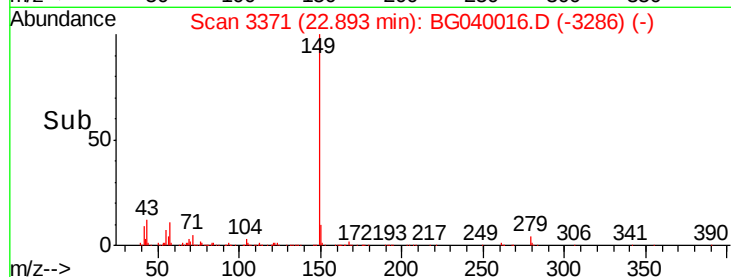
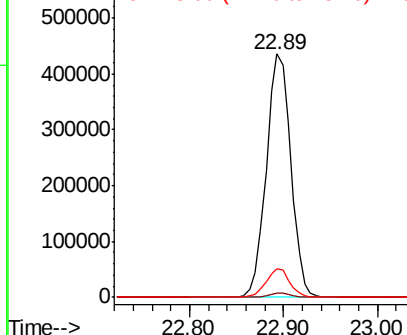
Tot Ion:	149	Resp:	785229
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.2	10.2	15.4

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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: 39.873 ng

RT: 29.03 min Scan# 4415

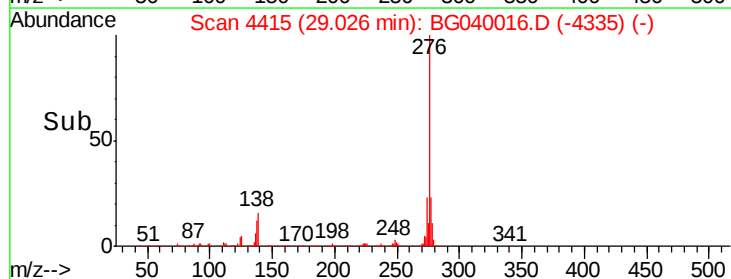
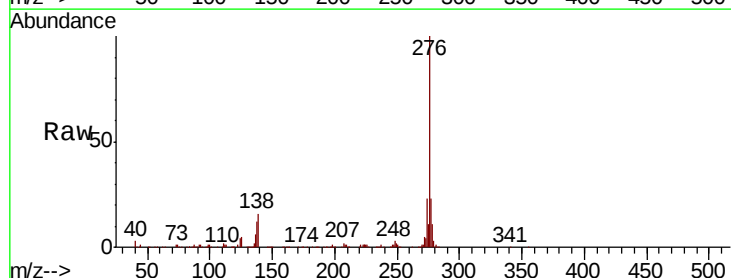
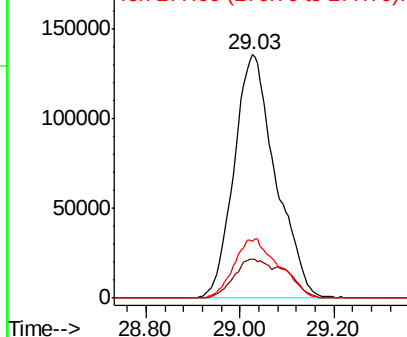
Delta R.T. -0.06 min

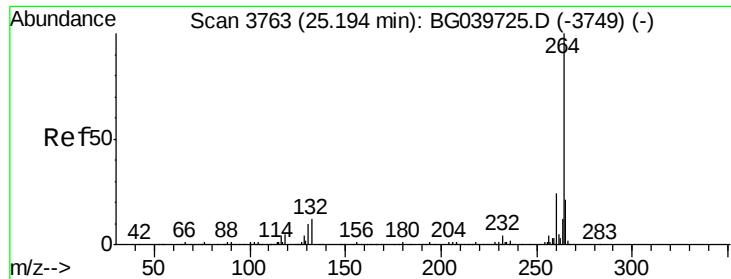
Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	276	Resp:	833769
Ion Ratio	Lower	Upper	
276	100		
138	13.2	12.6	19.0
277	26.1	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: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

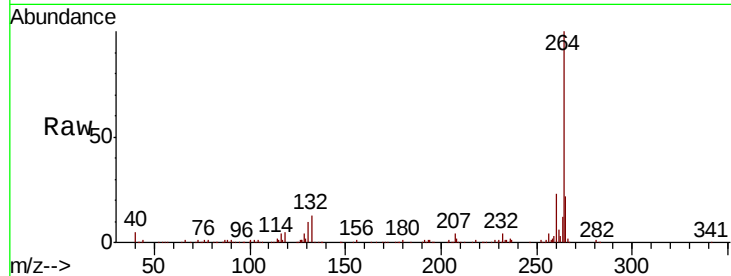
ClientSampled :

SPMSD

Tot Ion:	264	Resp:	316624
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.4
265	21.6	18.5	27.7

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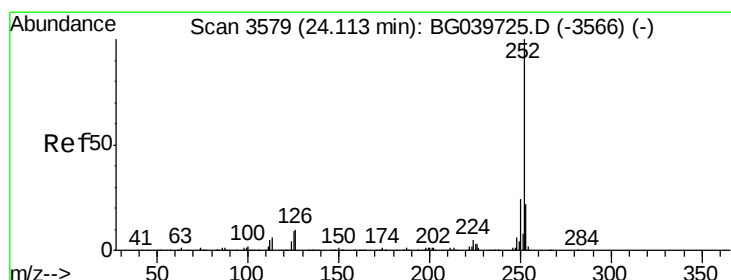
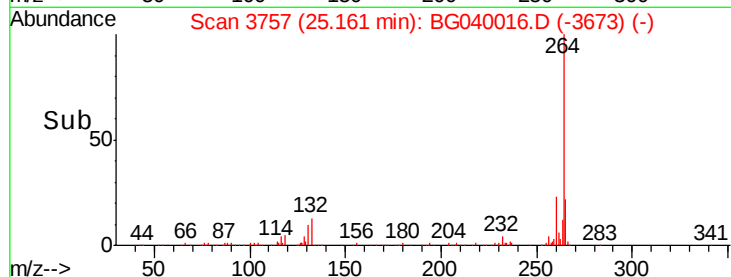
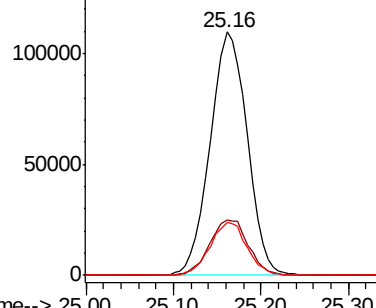


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.681 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

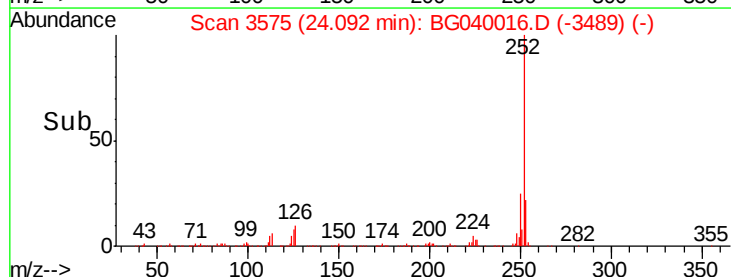
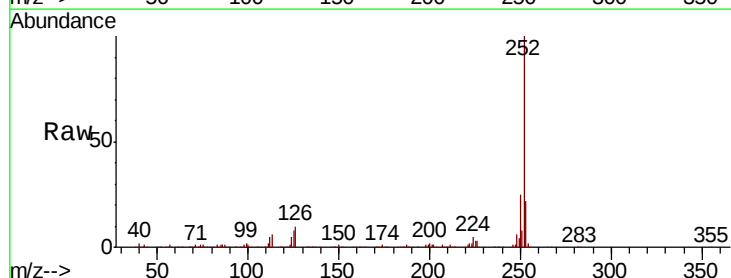
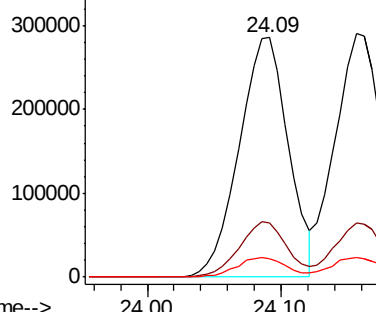
Tgt Ion:	252	Resp:	730327
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	7.9	7.8	11.6

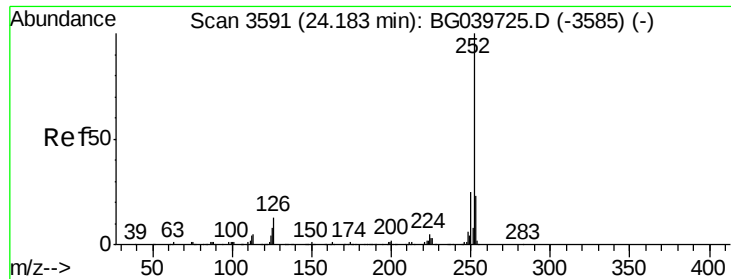
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.382 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Instrument :

BNA_G

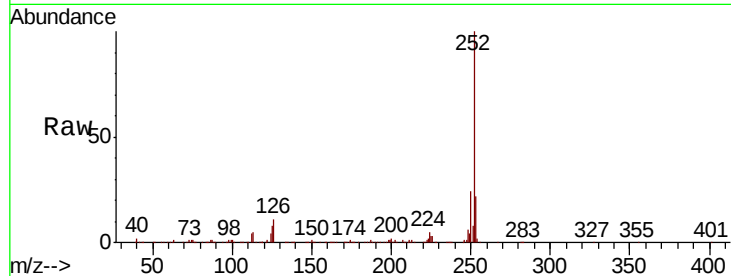
ClientSampled :

SPMSD

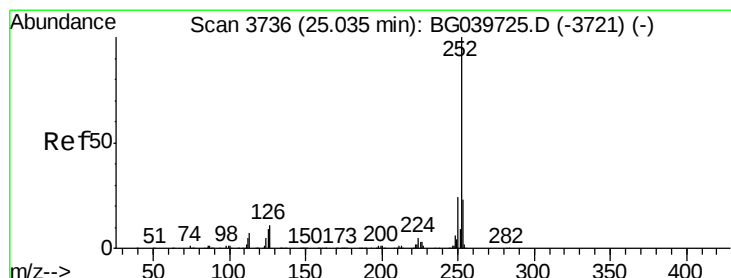
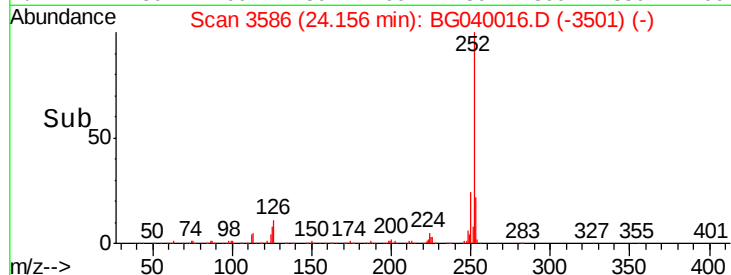
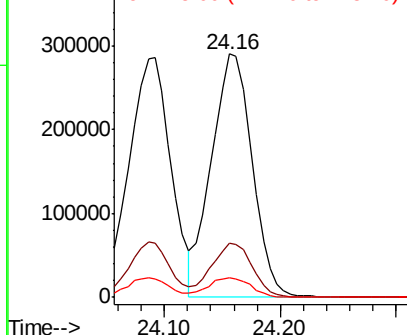
Tot Ion:	252	Resp:	709727
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	8.2	7.4	11.2

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



#90

Benzo(a)pyrene

Concen: 41.161 ng

RT: 25.01 min Scan# 3731

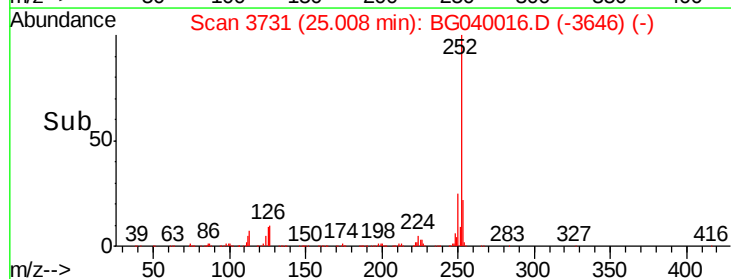
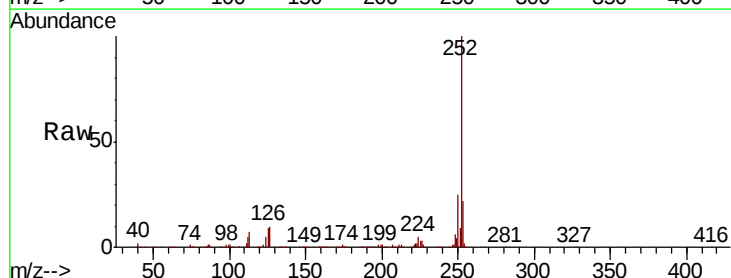
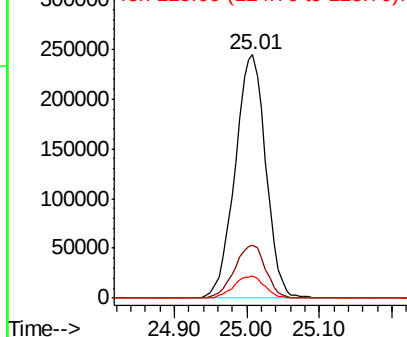
Delta R.T. -0.03 min

Lab File: BG040016.D

Acq: 19 Mar 2019 23:57

Tgt Ion:	252	Resp:	718142
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	9.4	8.3	12.5

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





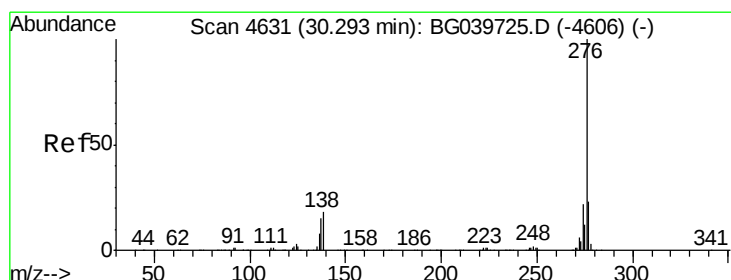
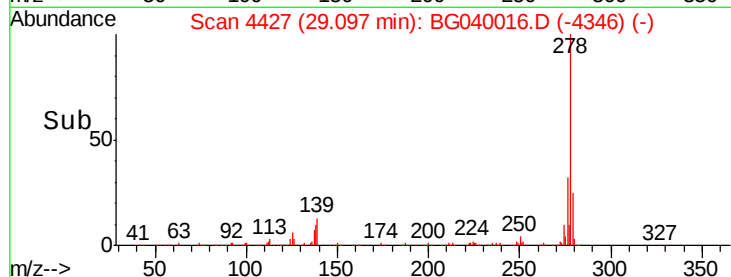
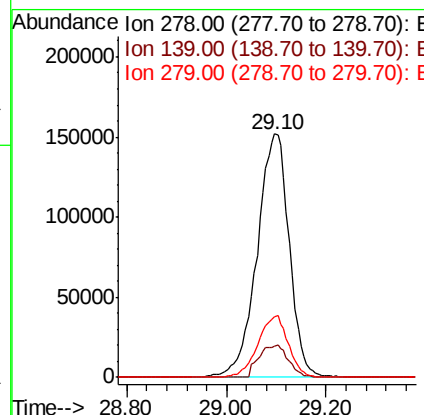
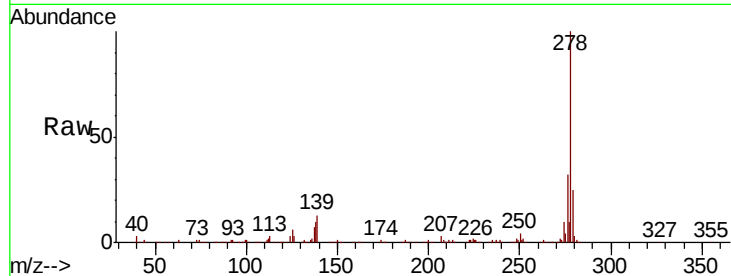
#91
Dibenzo(a,h)anthracene
Concen: 39.674 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:	278	Resp:	678592
Ion	Ratio	Lower	Upper
278	100		
139	12.6	11.7	17.5
279	24.9	19.1	28.7

Manual Integrations
APPROVED

Sohil
3/20/2019 4:59:41 PM



#92
Benzo(g,h,i)perylene
Concen: 40.419 ng
RT: 30.25 min Scan# 4624
Delta R.T. -0.06 min
Lab File: BG040016.D
Acq: 19 Mar 2019 23:57

Tgt Ion:	276	Resp:	694331
Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	18.1	14.7	22.1

