

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040124.D
 Acq On : 25 Mar 2019 19:33
 Operator : JU/SJ
 Sample : K2040-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Manual Integrations
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Sohil
 3/26/2019 6:22:33 PM

Quant Time: Mar 26 05:29:49 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	34325	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	154527	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	112530	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	286339	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	281590	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297741	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	269182	133.79	ng	-0.02
7) Phenol-d6	7.29	99	374213	124.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	251752	88.11	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	193928	147.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	614966	77.81	ng	-0.03
79) Terphenyl-d14	20.11	244	1126338	88.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	32238	34.706	ng	# 48
3) Pyridine	3.99	79	70716	28.437	ng	94
4) n-Nitrosodimethylamine	3.90	42	46294	39.241	ng	91
6) Aniline	7.47	93	37333	9.498	ng	95
8) 2-Chlorophenol	7.70	128	106020	43.434	ng	94
9) Benzaldehyde	7.28	77	29055	15.014	ng	98
10) Phenol	7.32	94	129990	39.997	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	103835	40.978	ng	97
12) 1,3-Dichlorobenzene	8.02	146	96773	35.054	ng	98
13) 1,4-Dichlorobenzene	8.18	146	102287	36.376	ng	99
14) 1,2-Dichlorobenzene	8.49	146	98230	36.155	ng	97
15) Benzyl Alcohol	8.38	79	100472	42.219	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	193263	38.135	ng	95
17) 2-Methylphenol	8.58	107	91803	44.300	ng	99
18) Hexachloroethane	9.22	117	35183	34.870	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	86784	40.190	ng	93
20) 3+4-Methylphenols	8.90	107	127008	44.117	ng	98
22) Acetophenone	8.97	105	166531	40.153	ng	# 94
24) Nitrobenzene	9.36	77	129001	43.038	ng	94
25) Isophorone	9.87	82	249760	41.719	ng	100
26) 2-Nitrophenol	10.07	139	62934	43.487	ng	94
27) 2,4-Dimethylphenol	10.12	122	106829	47.463	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	149398	41.065	ng	97
29) 2,4-Dichlorophenol	10.60	162	121046	47.766	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	115363	40.456	ng	99
31) Naphthalene	11.01	128	336226	41.096	ng	99
32) Benzoic acid	10.23	122	35134	26.208	ng	99
33) 4-Chloroaniline	11.13	127	10699	3.084	ng	97
34) Hexachlorobutadiene	11.27	225	74278	38.119	ng	95
35) Caprolactam	11.91	113	35226m	36.390	ng	
36) 4-Chloro-3-methylphenol	12.23	107	136086	46.847	ng	98
37) 2-Methylnaphthalene	12.61	142	262760	42.957	ng	98
38) 1-Methylnaphthalene	12.82	142	256412	43.136	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	149686	39.265	ng	99

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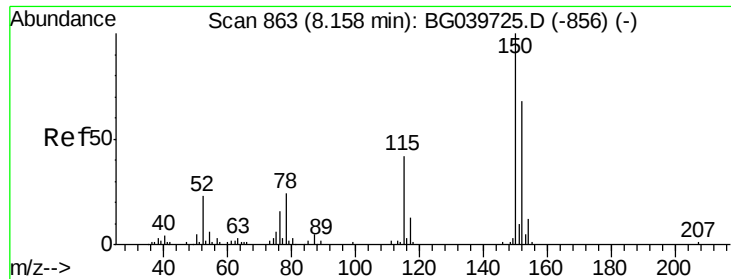
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	178727	87.483	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	106371	47.660	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	116334	46.242	ng	97
46) 1,1'-Biphenyl	13.60	154	374154	40.425	ng	97
47) 2-Chloronaphthalene	13.65	162	287334	41.267	ng	98
48) 2-Nitroaniline	13.86	65	102326	45.730	ng	99
49) Acenaphthylene	14.49	152	467650	40.914	ng	100
50) Dimethylphthalate	14.22	163	408037	43.364	ng	100
51) 2,6-Dinitrotoluene	14.34	165	90640	45.438	ng	99
52) Acenaphthene	14.83	154	287359	41.770	ng	100
53) 3-Nitroaniline	14.68	138	19512	9.731	ng	# 88
54) 2,4-Dinitrophenol	14.89	184	62590	51.741	ng	98
55) Dibenzofuran	15.16	168	482992	42.791	ng	99
56) 4-Nitrophenol	14.98	139	134278	74.857	ng	92
57) 2,4-Dinitrotoluene	15.13	165	131869	47.047	ng	85
58) Fluorene	15.81	166	388645	43.800	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.38	232	120885	49.202	ng	97
60) Diethylphthalate	15.57	149	420049	45.094	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	206261	43.561	ng	99
62) 4-Nitroaniline	15.84	138	88754	40.828	ng	91
63) Azobenzene	16.09	77	363348	43.032	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	59779	35.309	ng	92
66) n-Nitrosodiphenylamine	16.01	169	362784	43.764	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	139905	43.651	ng	96
68) Hexachlorobenzene	16.81	284	143714	43.257	ng	96
69) Atrazine	16.95	200	146667	44.956	ng	97
70) Pentachlorophenol	17.15	266	152693	72.773	ng	97
71) Phenanthrene	17.56	178	673505	42.703	ng	99
72) Anthracene	17.65	178	685218	44.583	ng	99
73) Carbazole	17.92	167	596489	43.050	ng	99
74) Di-n-butylphthalate	18.44	149	729482	44.747	ng	99
75) Fluoranthene	19.56	202	802686	43.064	ng	98
77) Benzidine	19.74	184	14602	1.634	ng	# 90
78) Pyrene	19.92	202	813642	44.466	ng	99
80) Butylbenzylphthalate	20.78	149	331695	46.790	ng	94
81) Benzo(a)anthracene	21.78	228	765386	43.369	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	76317	11.845	ng	97
83) Chrysene	21.85	228	735374	42.981	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	460397	46.216	ng	100
85) Di-n-octyl phthalate	22.89	149	786036	47.654	ng	94
86) Indeno(1,2,3-cd)pyrene	29.02	276	878889	45.281	ng	# 96
88) Benzo(b)fluoranthene	24.08	252	787425	44.350	ng	99
89) Benzo(k)fluoranthene	24.15	252	738421	44.679	ng	99
90) Benzo(a)pyrene	24.99	252	743212	45.300	ng	99
91) Dibenzo(a,h)anthracene	29.09	278	722921	44.946	ng	98
92) Benzo(g,h,i)perylene	30.24	276	729853	45.182	ng	97

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



#1

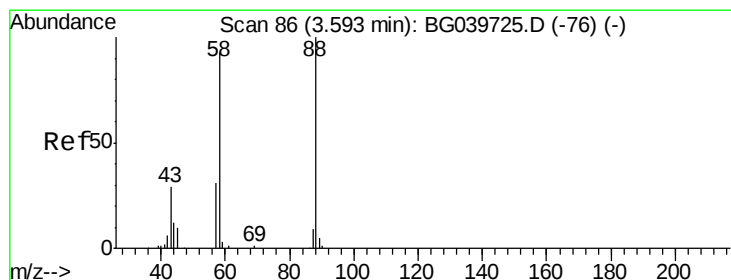
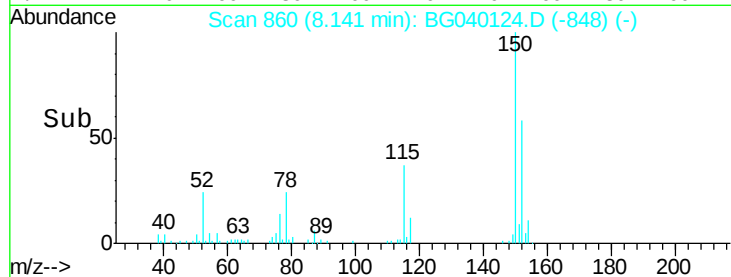
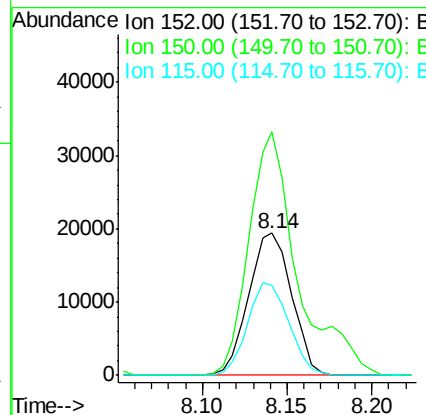
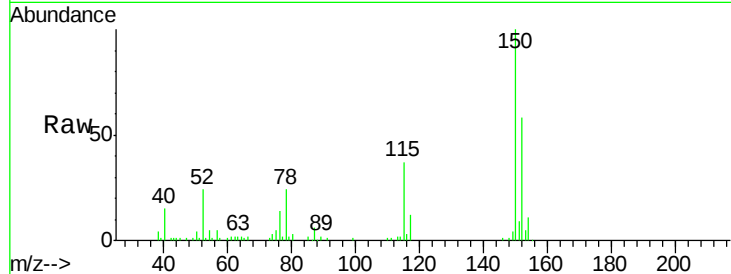
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	171.5	123.7	185.5
115	63.8	45.9	68.9

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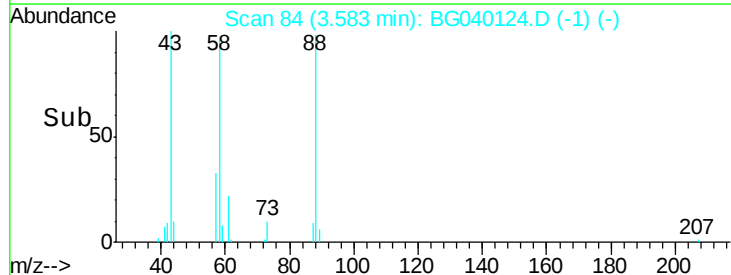
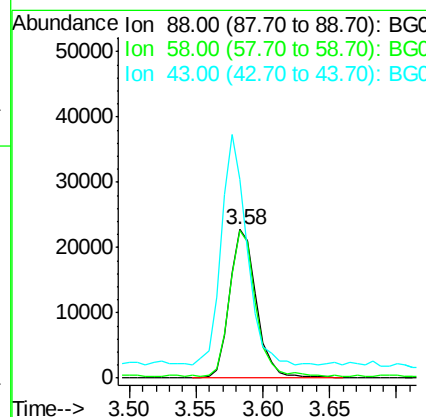
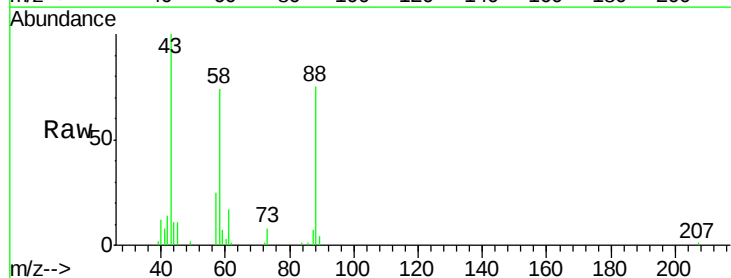
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#2

1,4-Dioxane
Concen: 34.706 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	81.1	121.7
43	146.4	31.4	47.0





#3

Pyridine

Concen: 28.437 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

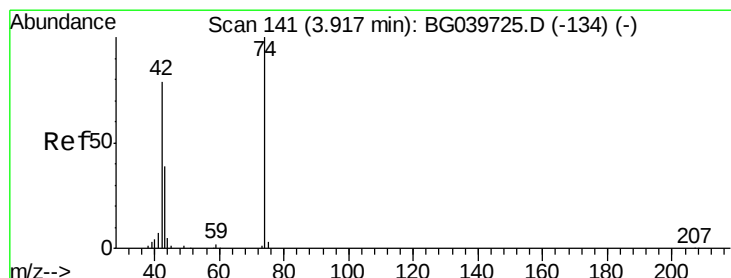
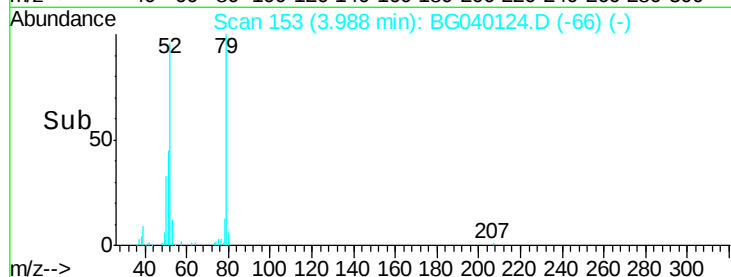
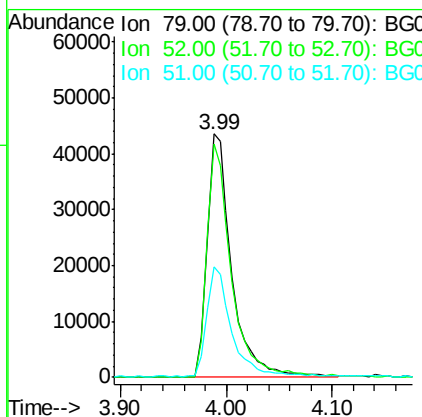
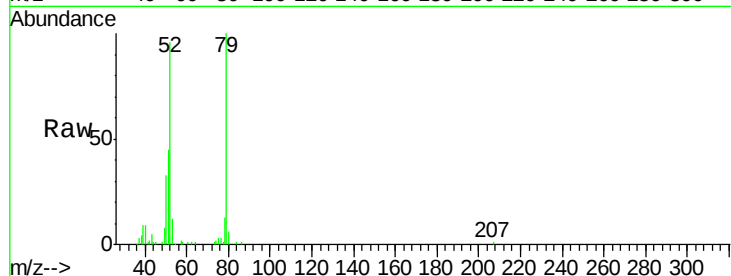
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	79	Resp:	70716
Ion Ratio	Lower	Upper	
79	100		
52	95.7	82.6	124.0
51	45.4	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.241 ng

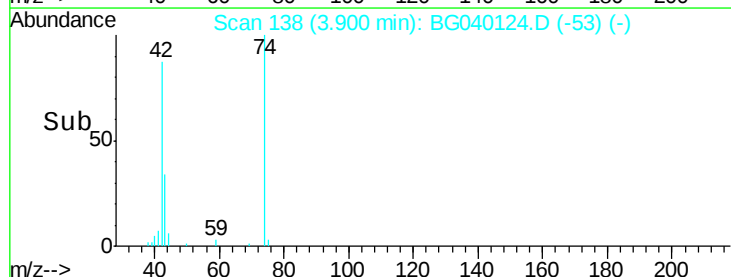
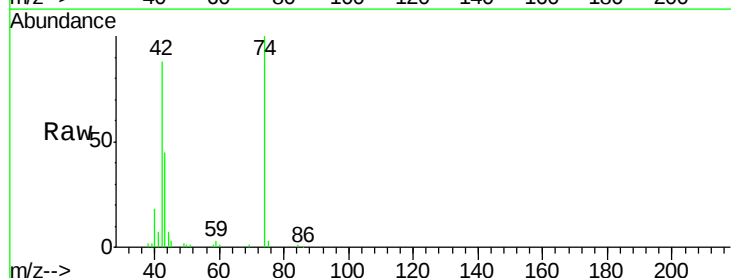
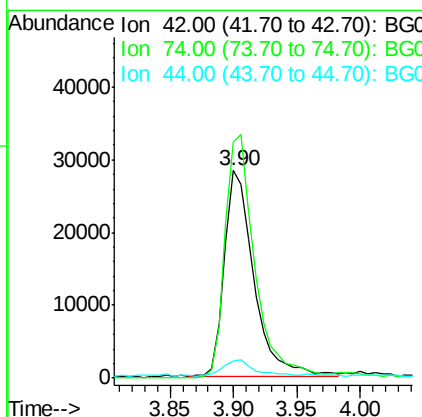
RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	42	Resp:	46294
Ion Ratio	Lower	Upper	
42	100		
74	113.8	83.6	125.4
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 133.788 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

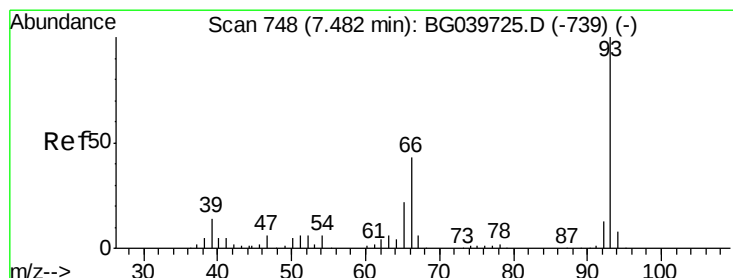
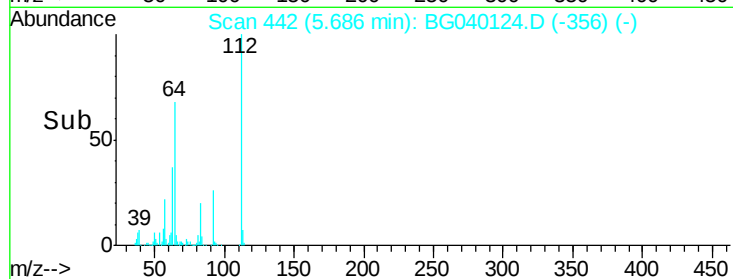
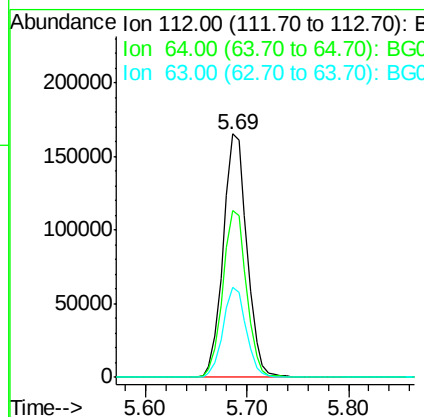
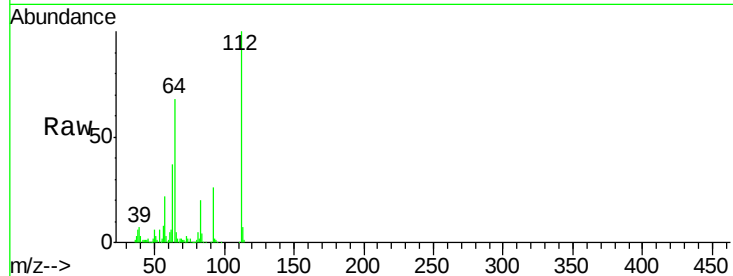
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	112	Resp:	269182
Ion Ratio	Lower	Upper	
112	100		
64	68.4	57.8	86.8
63	36.7	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 9.498 ng

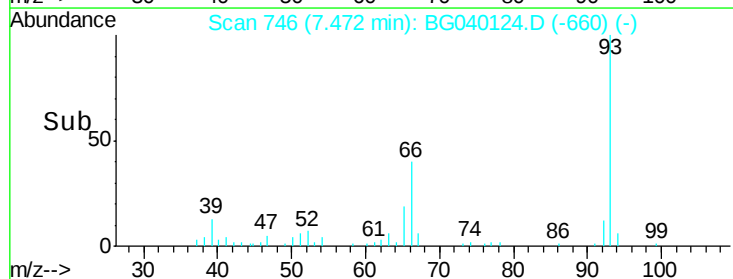
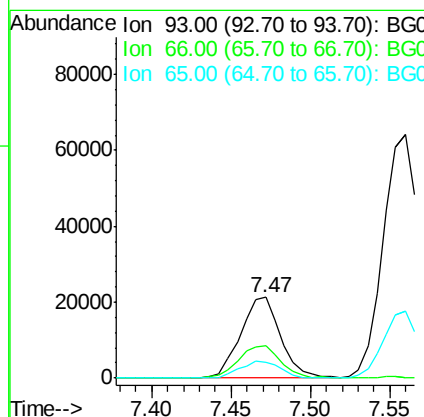
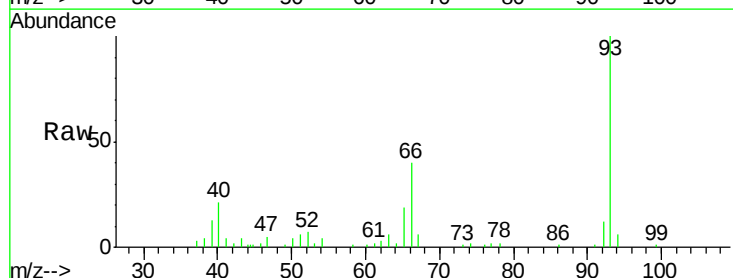
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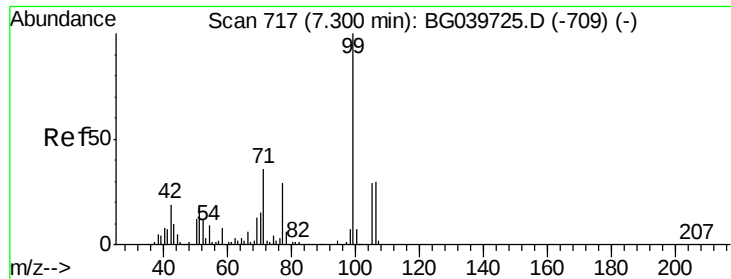
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	93	Resp:	37333
Ion Ratio	Lower	Upper	
93	100		
66	39.9	34.2	51.4
65	19.1	17.7	26.5





#7

Phenol-d6

Concen: 124.737 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

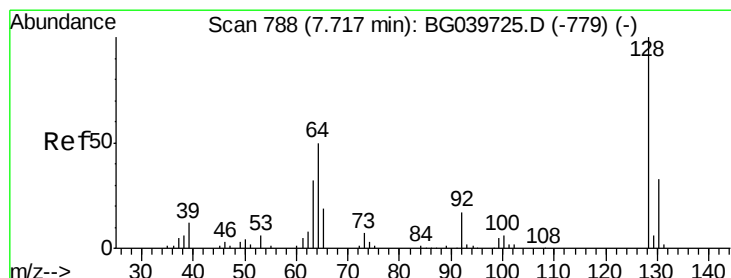
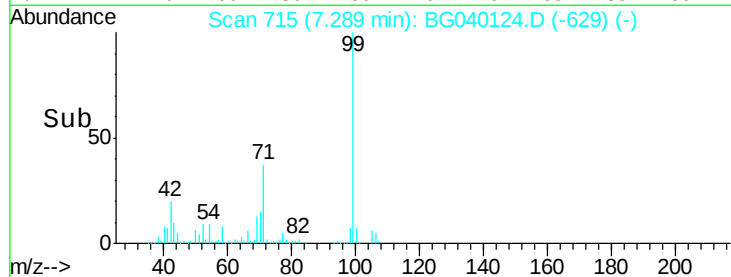
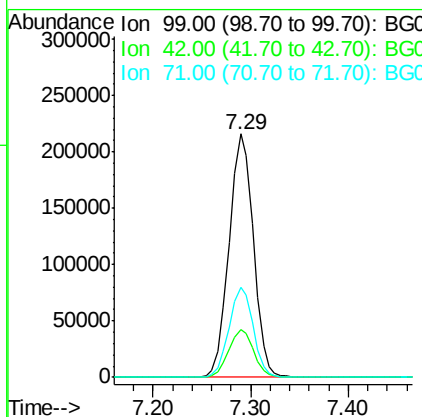
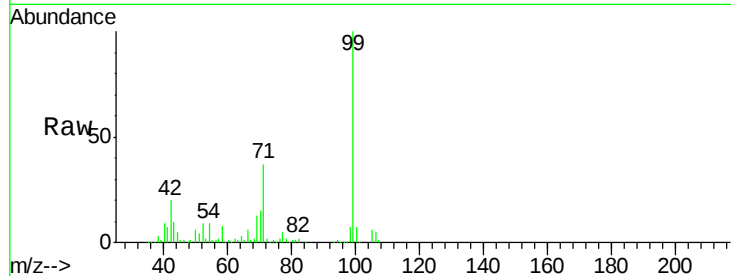
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	99	Resp:	374213
Ion Ratio	Lower	Upper	
99	100		
42	19.5	18.2	27.2
71	37.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.434 ng

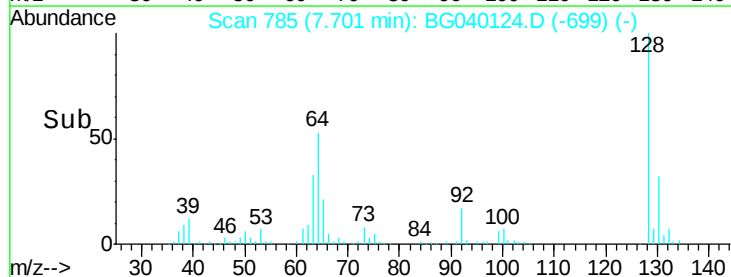
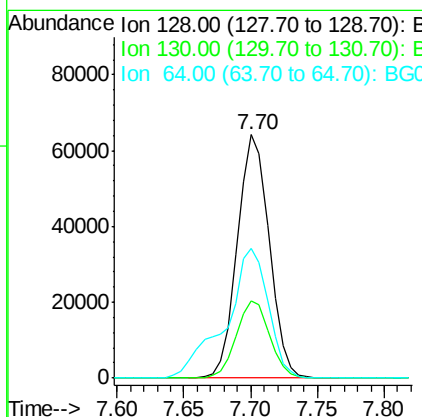
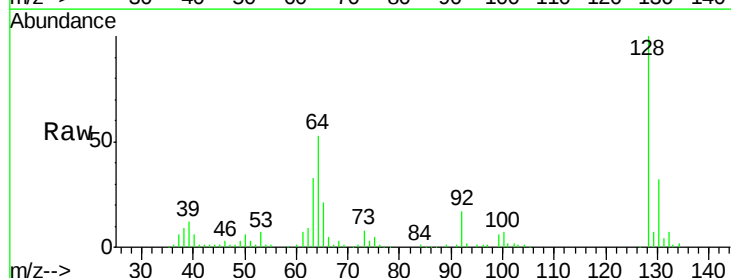
RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	128	Resp:	106020
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.9	52.9
64	53.2	38.7	78.7





#9

Benzaldehyde

Concen: 15.014 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

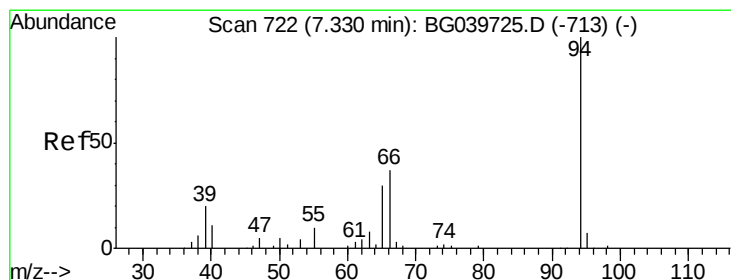
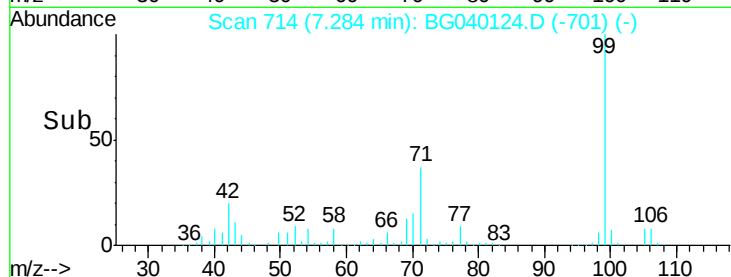
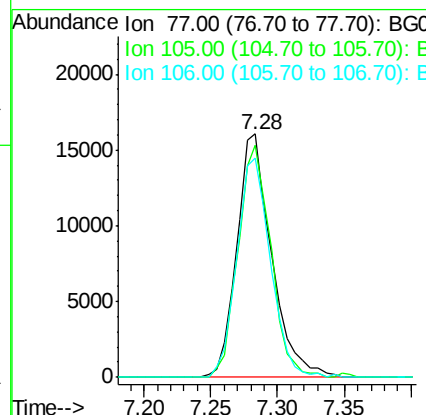
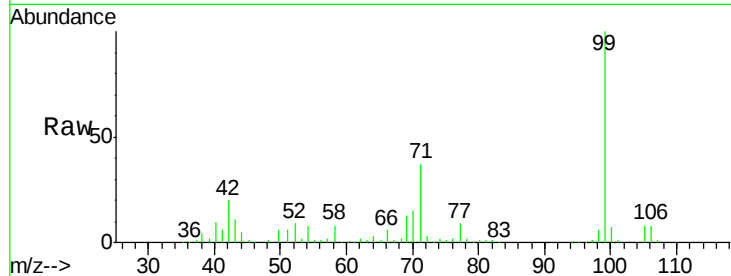
ClientSampleId :

S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	95.6	74.5	114.5
106	90.1	68.0	108.0

Manual Integrations
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#10

Phenol

Concen: 39.997 ng

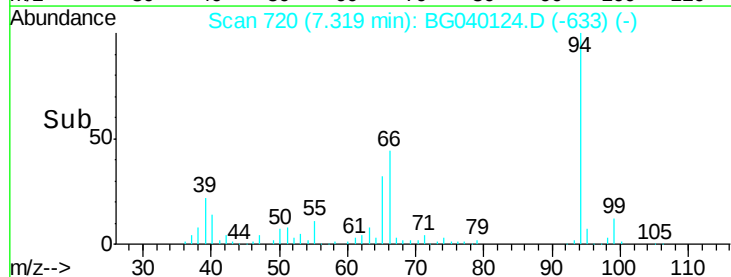
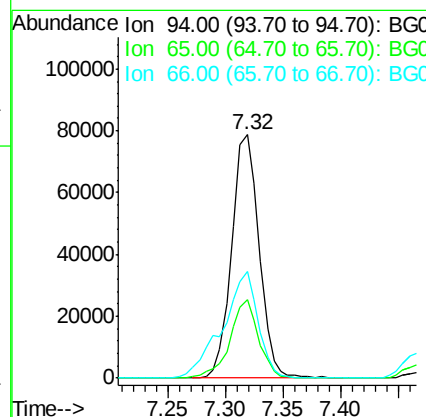
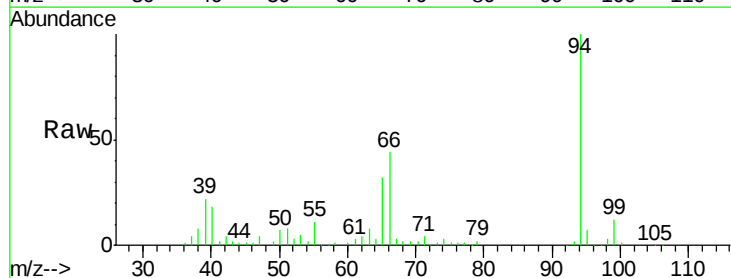
RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.7	51.7
66	43.6	23.7	63.7





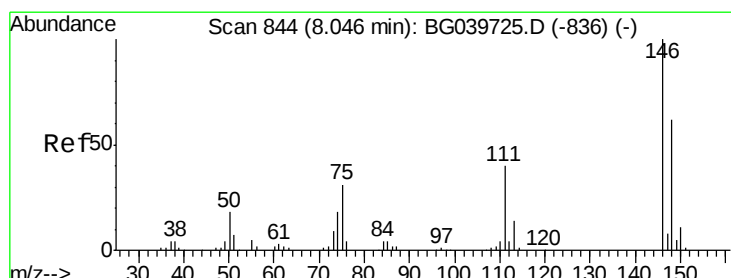
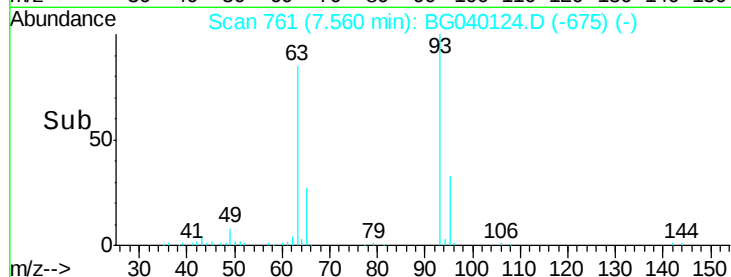
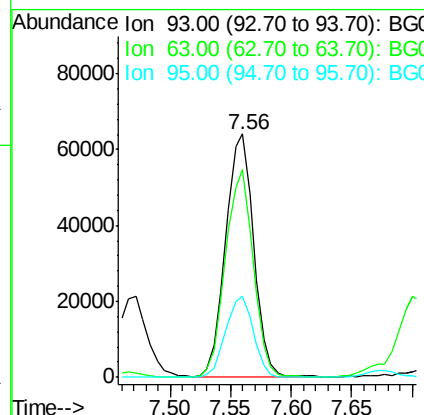
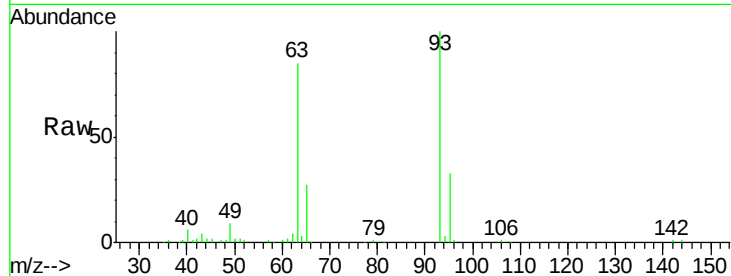
#11
bis(2-Chloroethyl)ether
Concen: 40.978 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.5	69.5	109.5
95	33.4	12.7	52.7

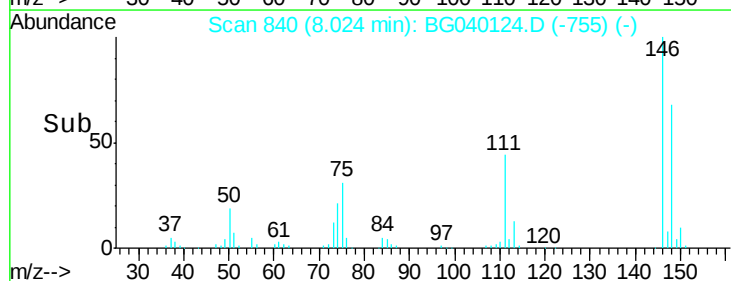
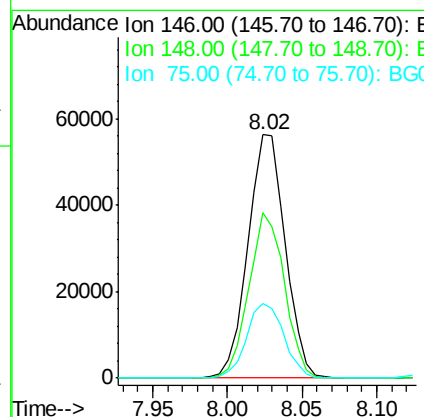
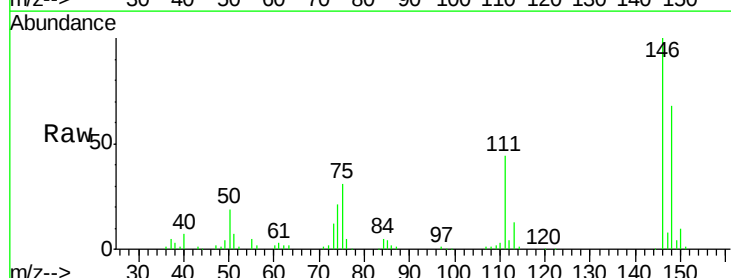
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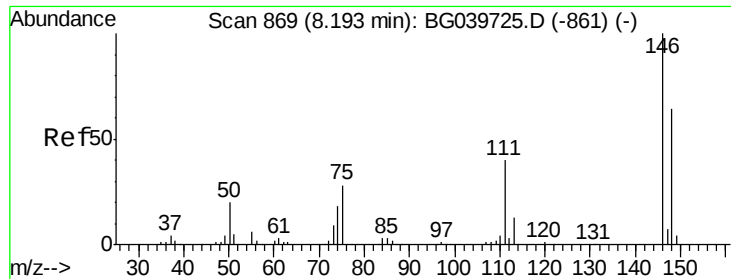
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#12
1,3-Dichlorobenzene
Concen: 35.054 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	52.6	79.0
75	30.9	25.8	38.6





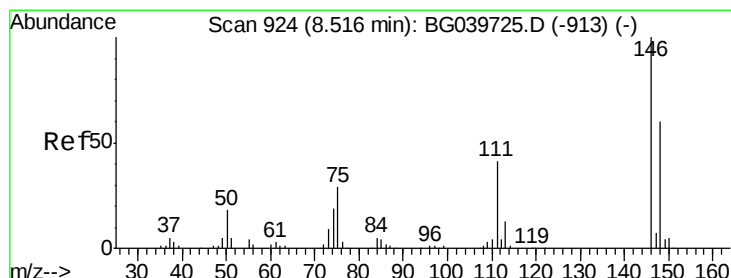
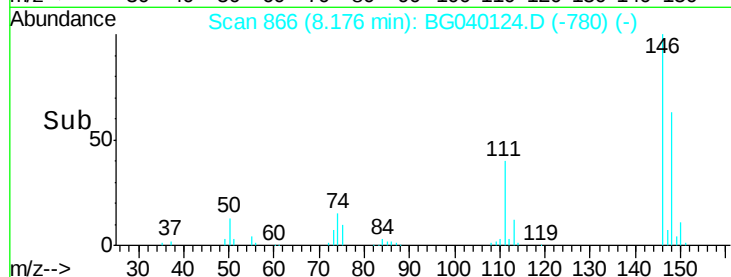
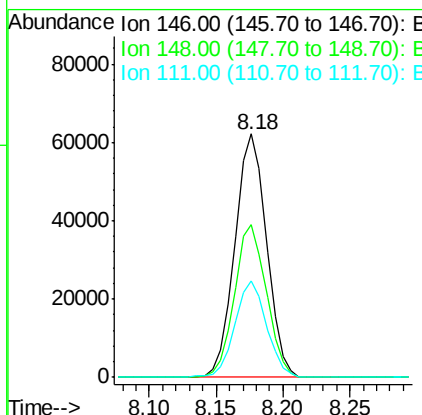
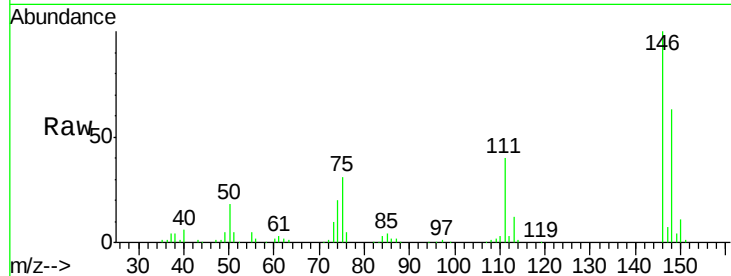
#13
 1,4-Dichlorobenzene
 Concen: 36.376 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
111	39.8	32.6	48.8

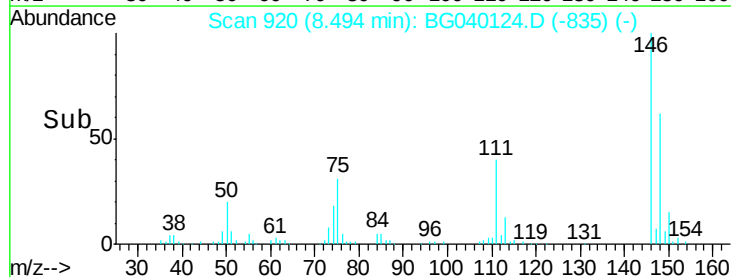
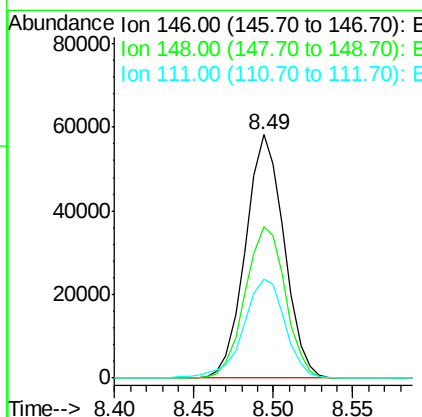
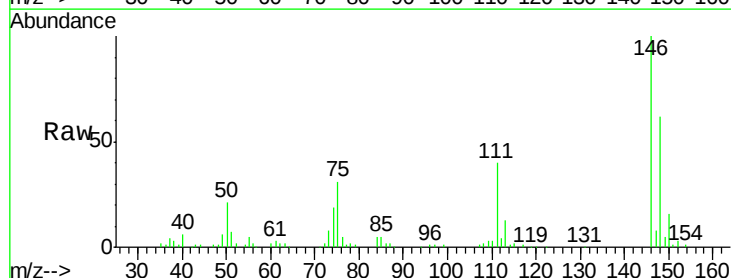
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#14
 1,2-Dichlorobenzene
 Concen: 36.155 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.5	77.3
111	40.4	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.219 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

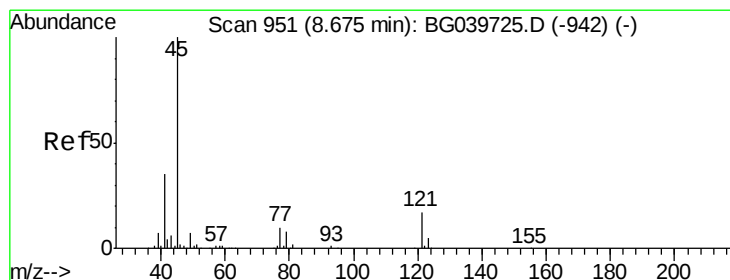
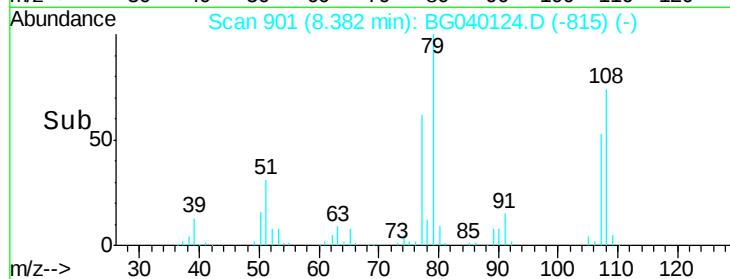
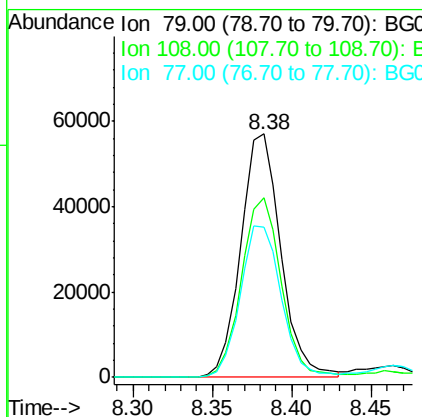
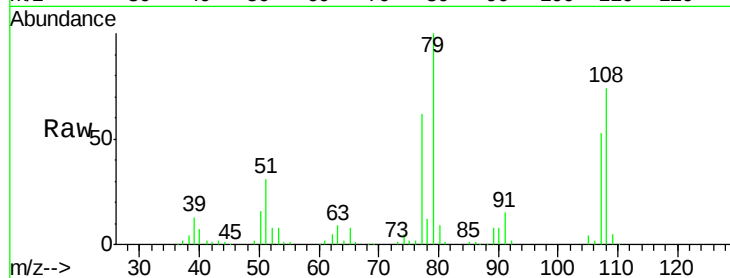
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	79	Resp:	100472
Ion Ratio	Lower	Upper	
79	100		
108	73.6	57.8	86.6
77	61.7	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.135 ng

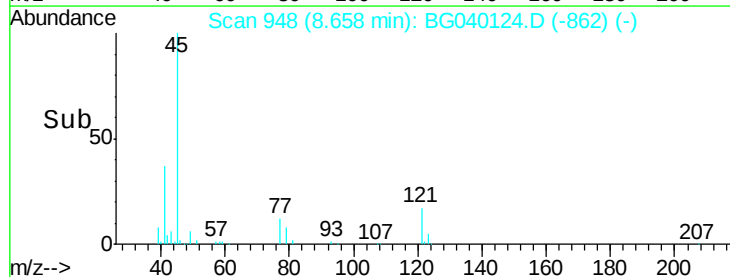
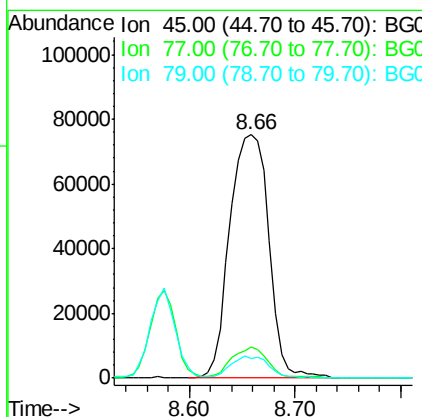
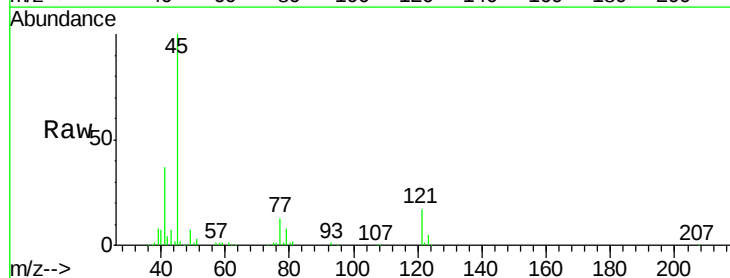
RT: 8.66 min Scan# 948

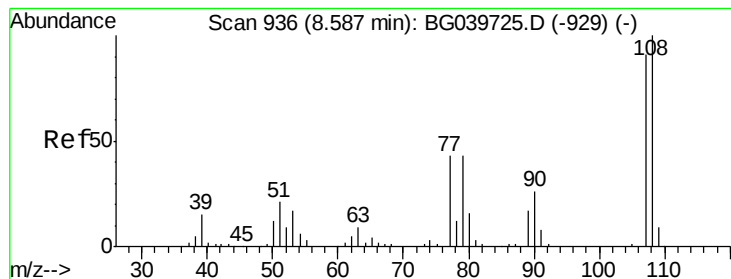
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	45	Resp:	193263
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.0
79	8.2	0.0	27.5





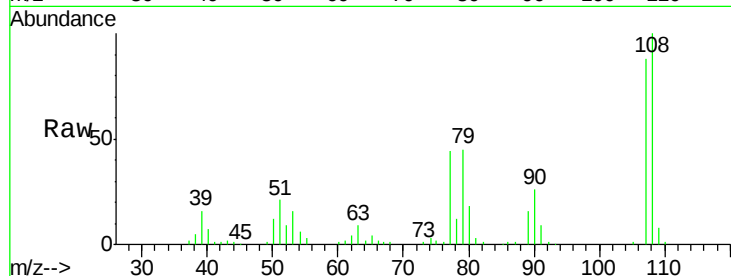
#17
2-Methylphenol
Concen: 44.300 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion:	107	Resp:	91803
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.8	136.2
77	50.6	40.7	61.1
79	51.7	40.6	60.8

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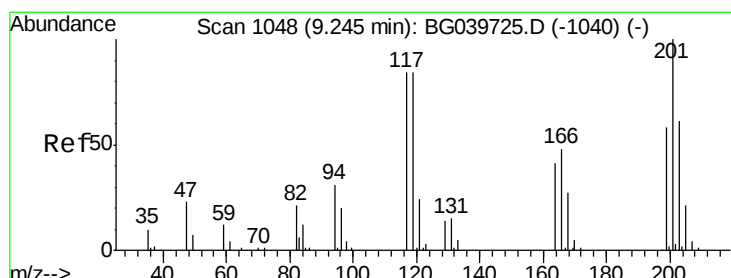
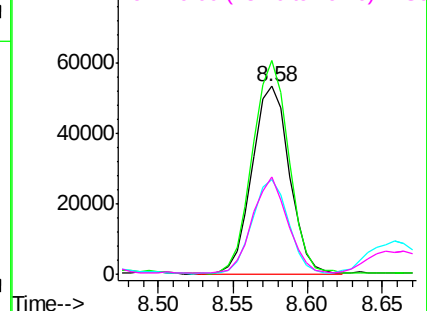
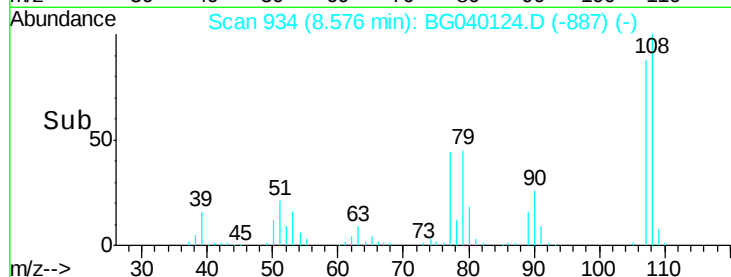
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

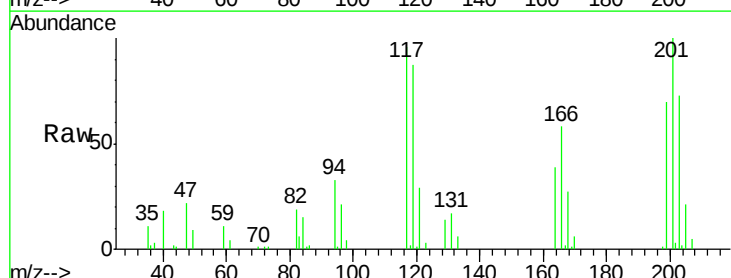
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 34.870 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion:	117	Resp:	35183
Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.3	114.5
201	104.3	91.1	136.7

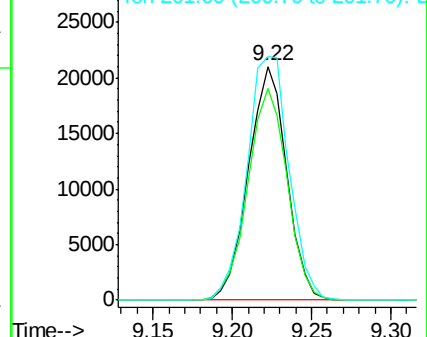
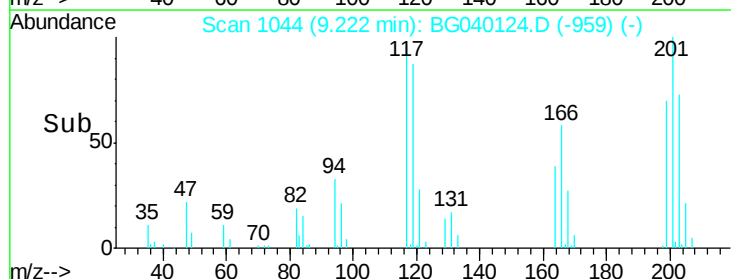


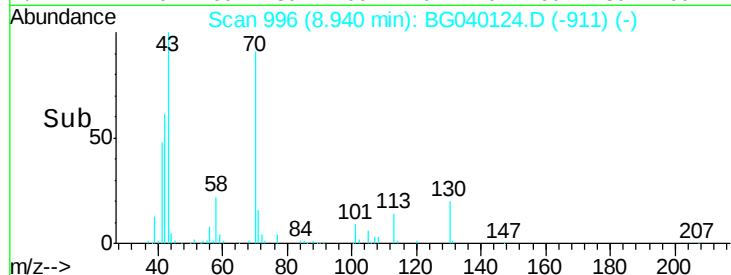
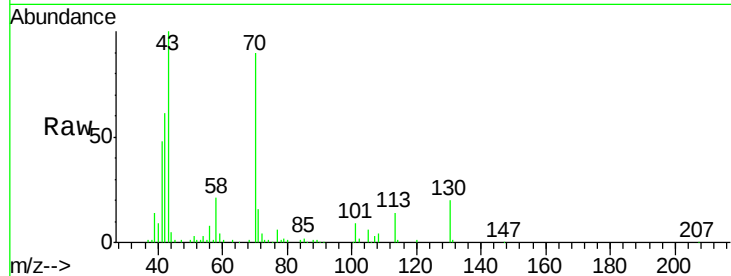
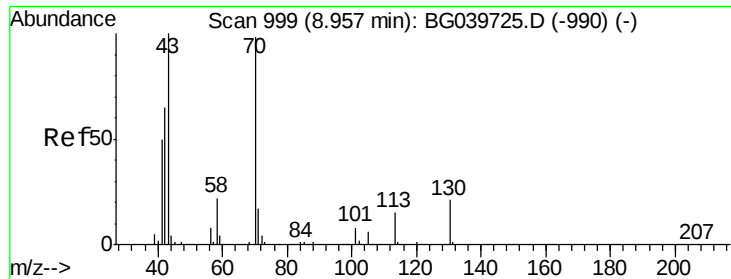
Abundance

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





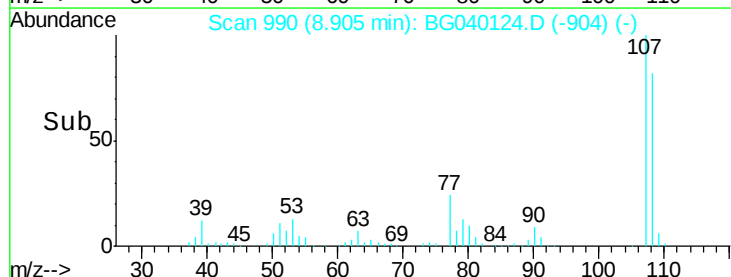
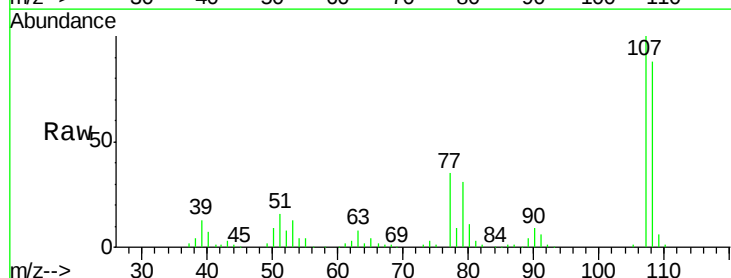
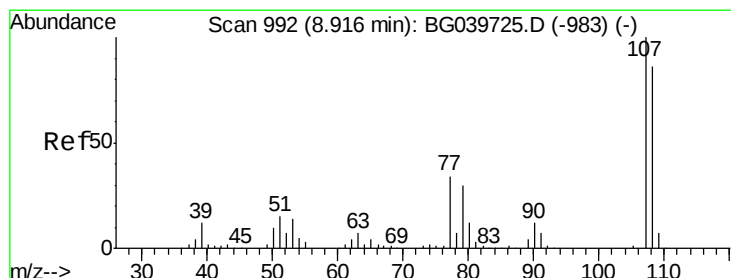
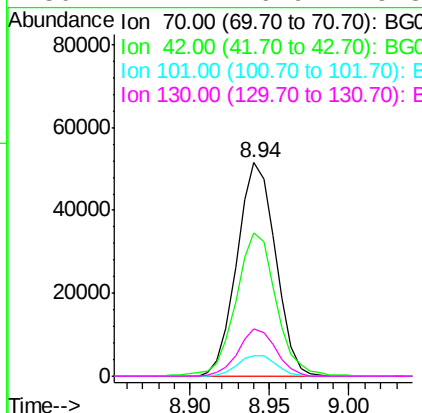
#19
n-Nitroso-di-n-propylamine
Concen: 40.190 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.4	60.4	90.6
101	9.5	7.5	11.3
130	22.4	16.9	25.3

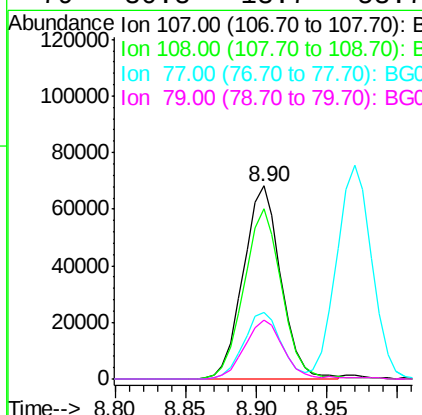
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#20
3+4-Methylphenols
Concen: 44.117 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.9	107.9
77	34.7	15.4	55.4
79	30.8	13.7	53.7





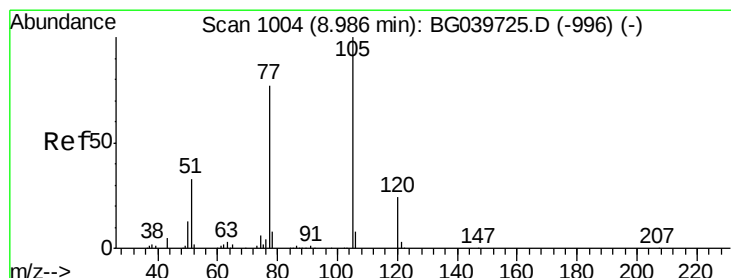
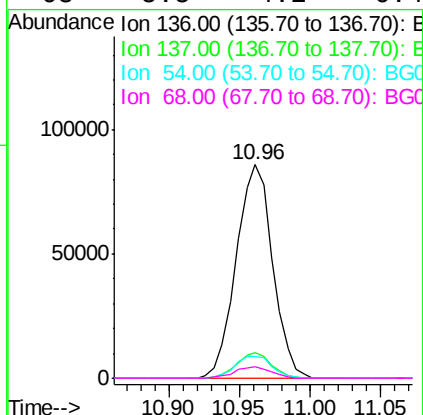
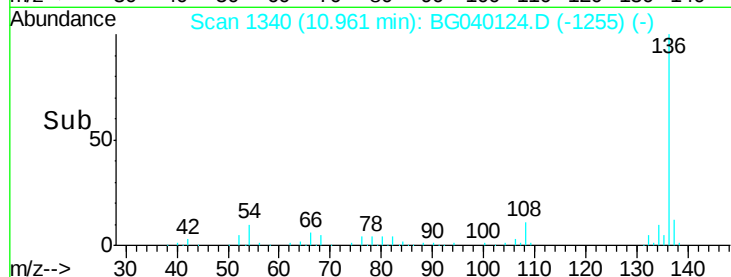
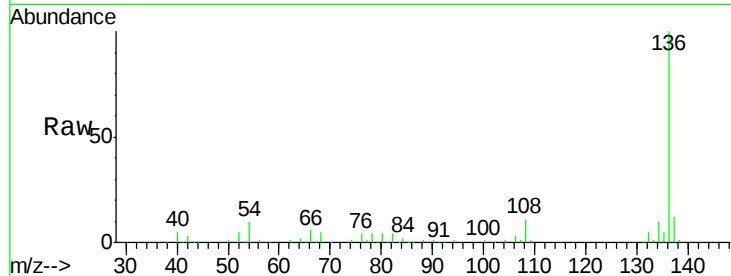
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.9	9.1	13.7
54	10.5	9.4	14.2
68	5.5	4.2	6.4

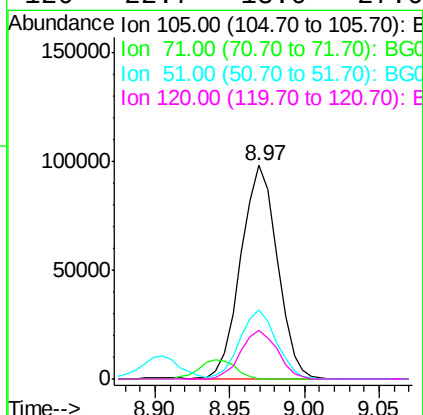
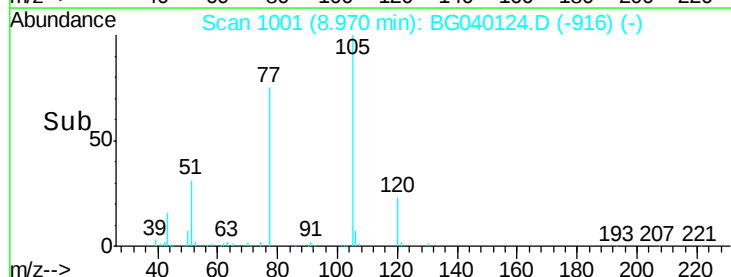
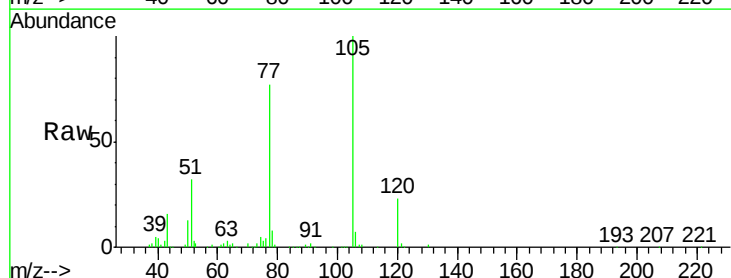
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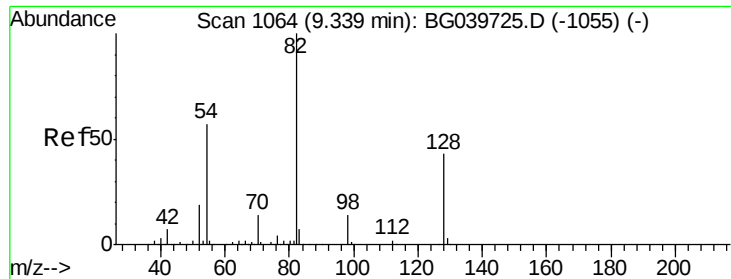
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#22
Acetophenone
Concen: 40.153 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.2	0.8	1.2#
51	32.1	30.2	45.2
120	22.7	18.0	27.0





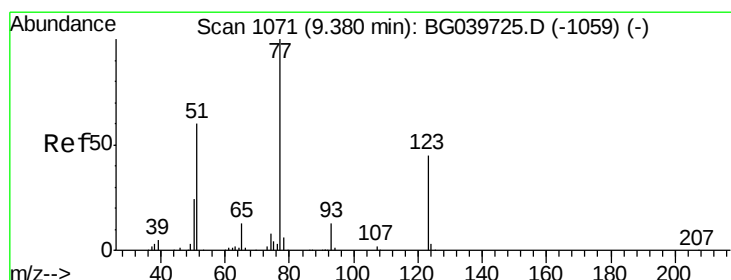
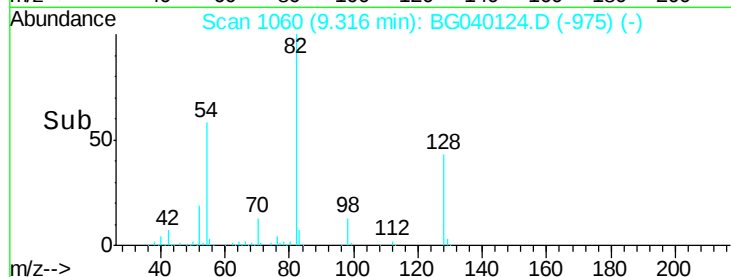
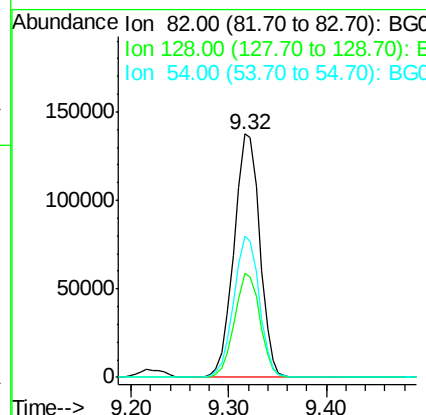
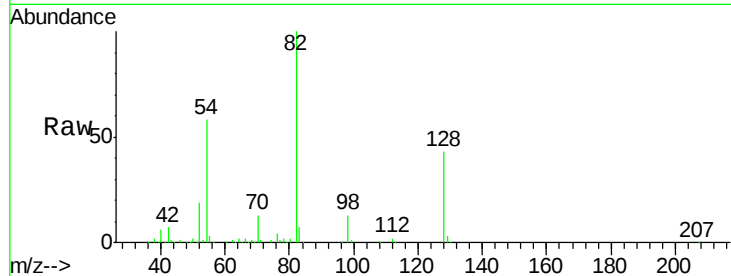
#23
 Nitrobenzene-d5
 Concen: 88.113 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.8	31.3	46.9
54	58.2	50.9	76.3

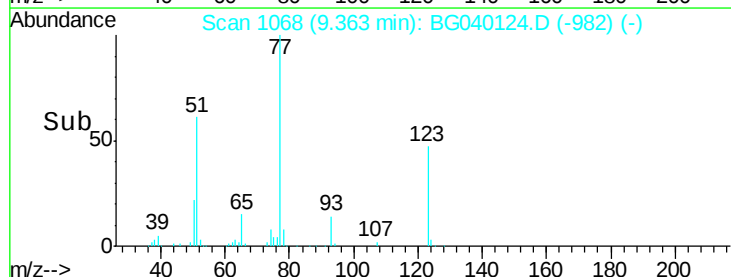
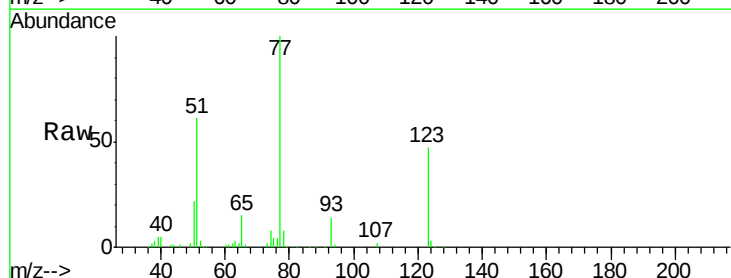
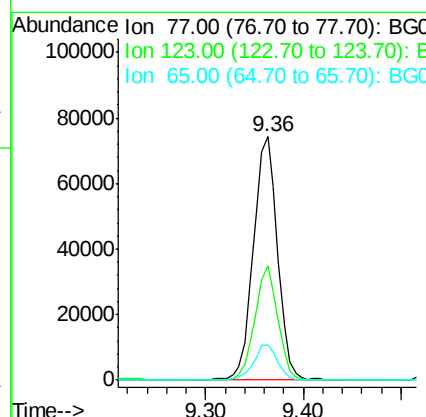
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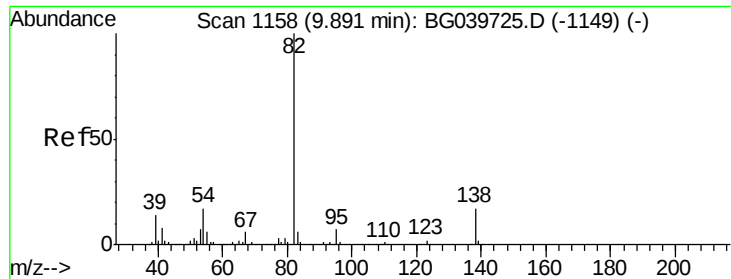
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#24
 Nitrobenzene
 Concen: 43.038 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	47.2	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 41.719 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

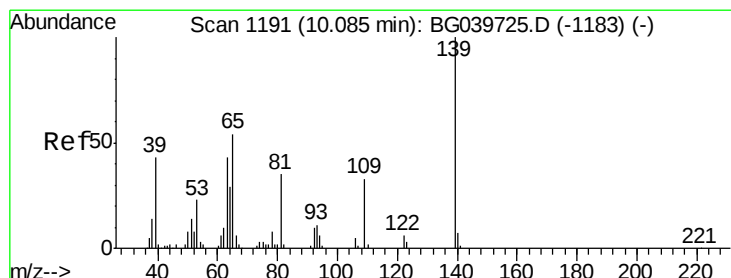
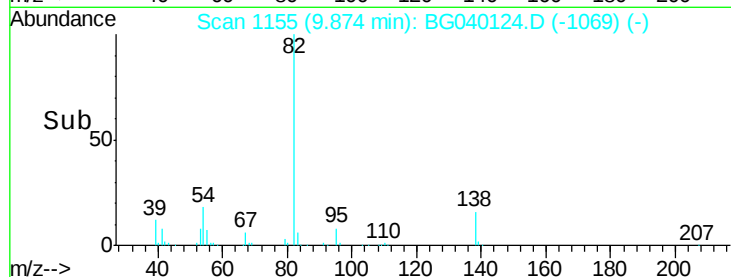
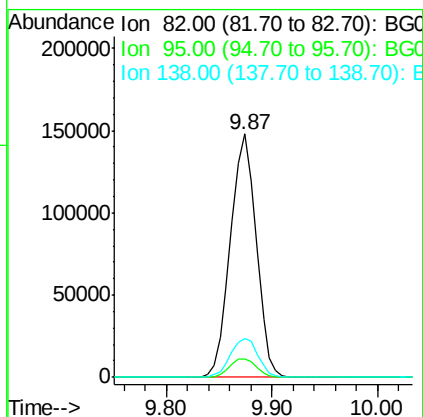
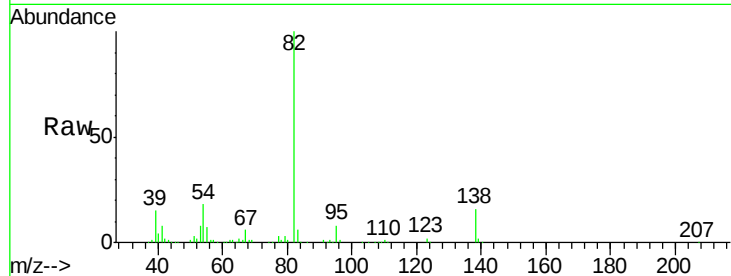
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	82	Resp:	249760
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.2
138	16.1	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.487 ng

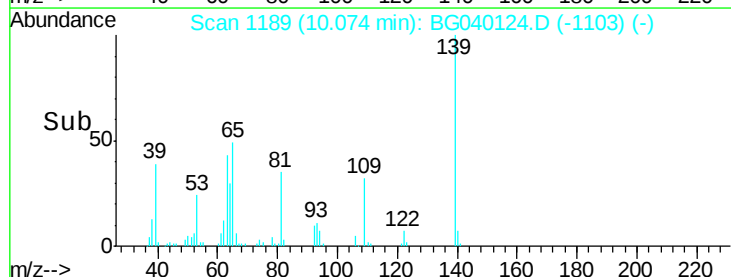
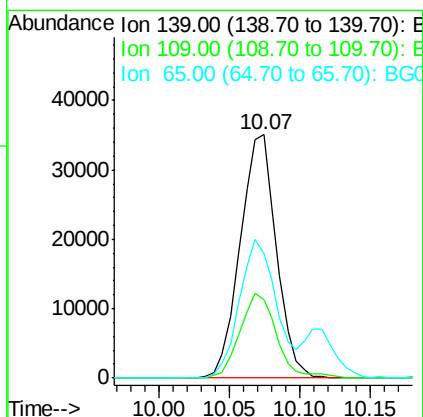
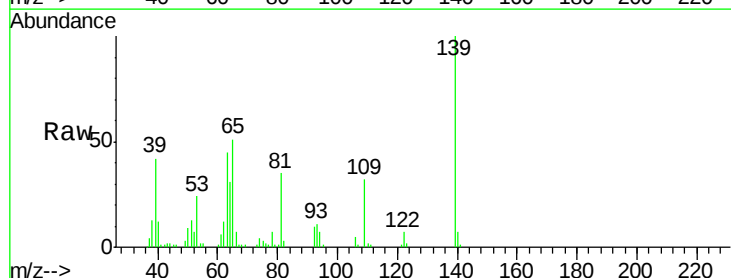
RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	139	Resp:	62934
Ion Ratio	Lower	Upper	
139	100		
109	32.3	23.4	35.0
65	51.0	44.3	66.5





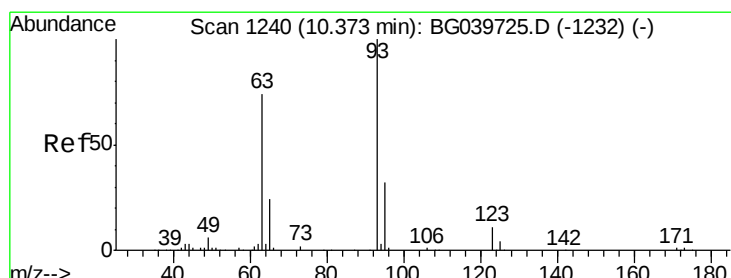
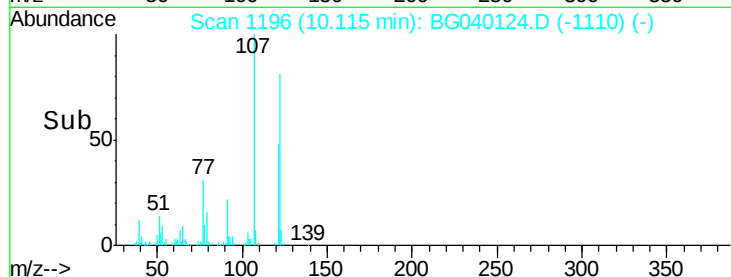
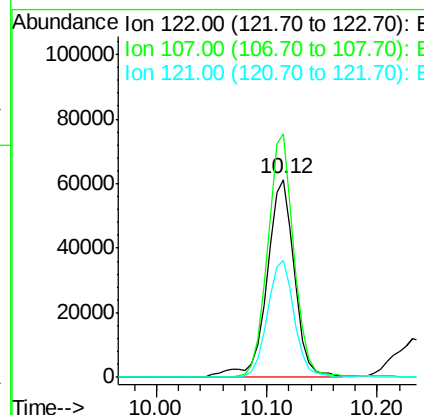
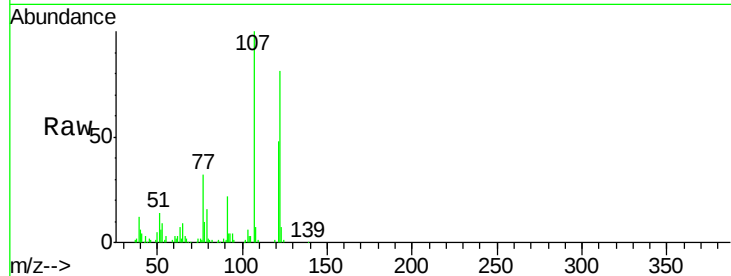
#27
 2,4-Dimethylphenol
 Concen: 47.463 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	106829		
107	123.2	91.7	137.5	
121	59.5	46.4	69.6	

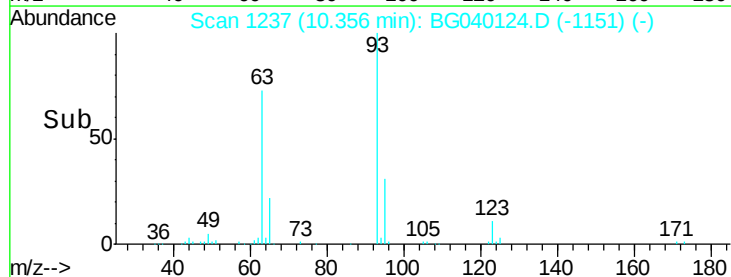
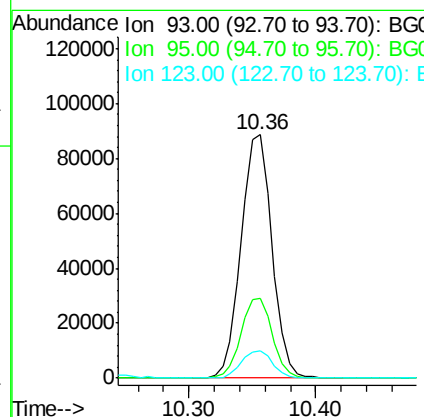
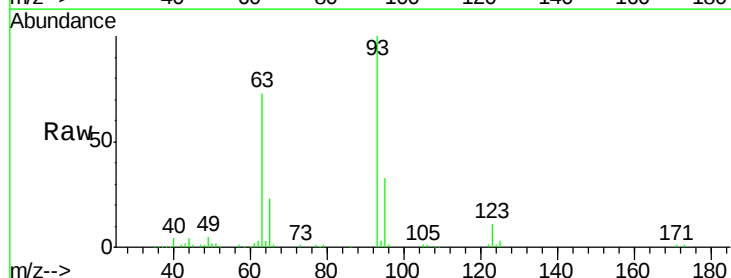
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.065 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	149398		
95	32.9	25.0	37.4	
123	11.3	8.6	12.8	





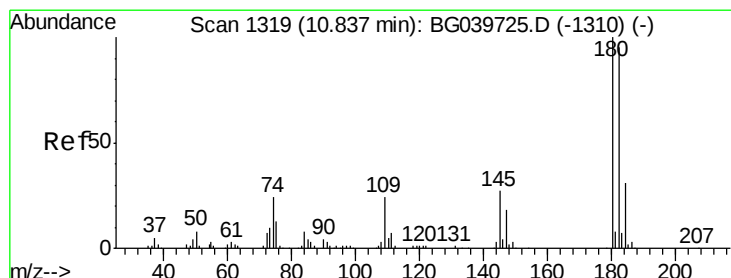
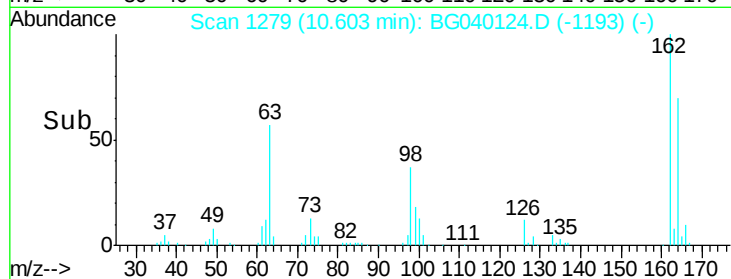
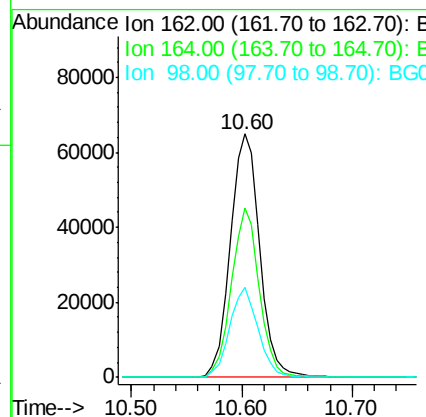
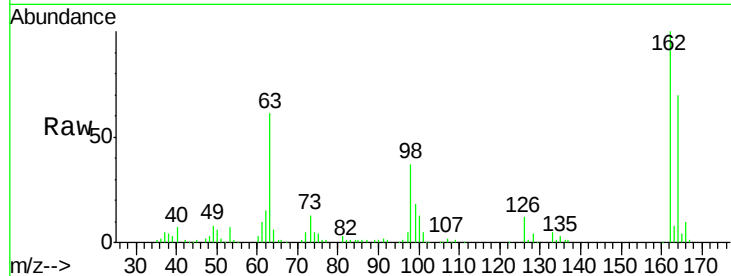
#29
 2,4-Dichlorophenol
 Concen: 47.766 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	121046		
164	69.6	48.1	88.1	
98	37.0	18.1	58.1	

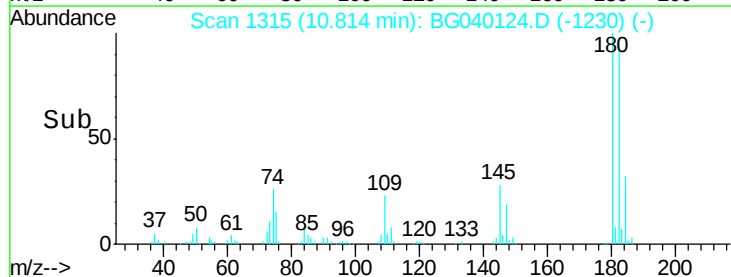
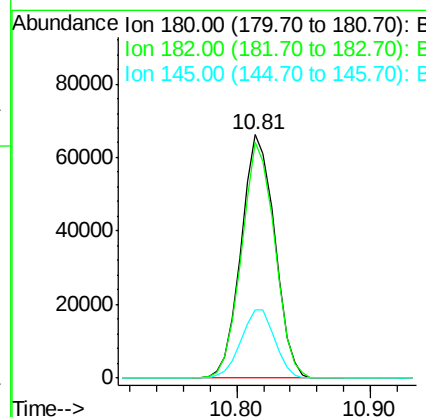
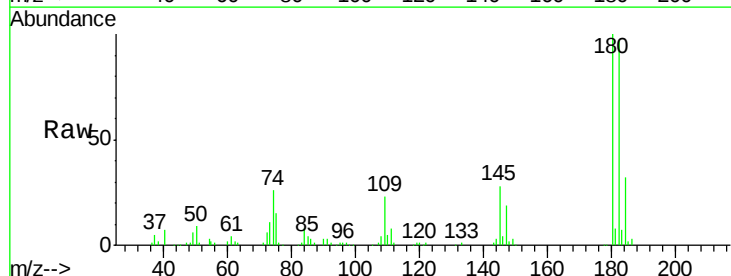
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.456 ng
 RT: 10.81 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115363		
182	96.7	76.0	114.0	
145	28.2	22.7	34.1	





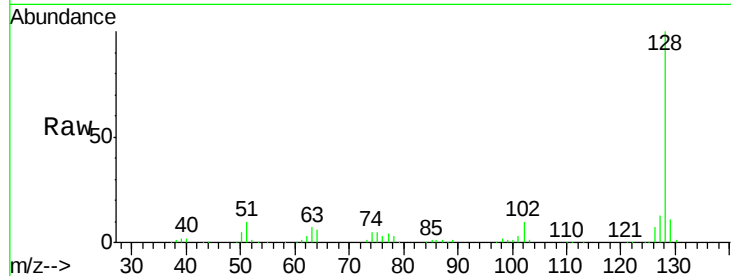
#31
Naphthalene
Concen: 41.096 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	336226		
129	10.5	8.7	13.1	
127	13.3	10.8	16.2	

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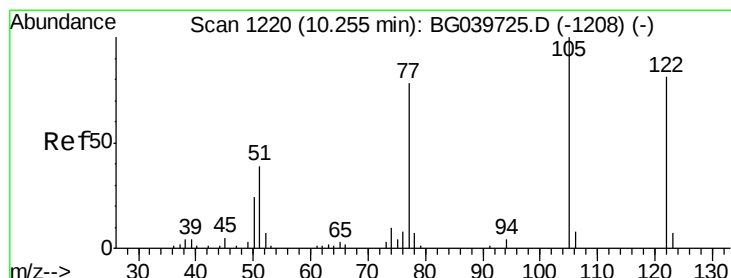
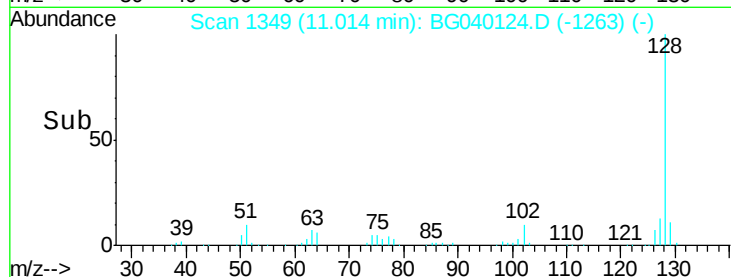
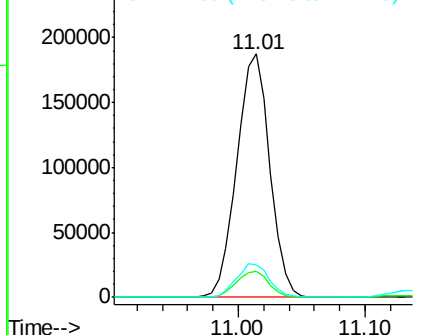


Abundance

Ion 128.00 (127.70 to 128.70): E

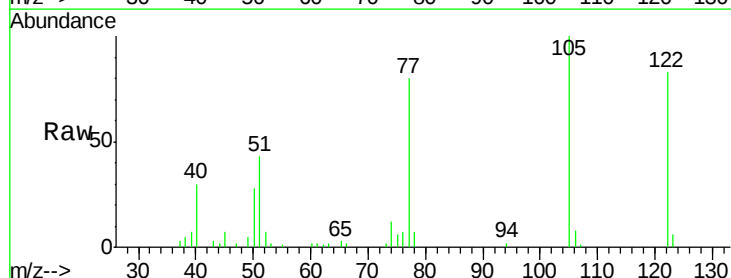
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 26.208 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35134		
105	120.6	101.8	141.8	
77	96.6	76.3	116.3	

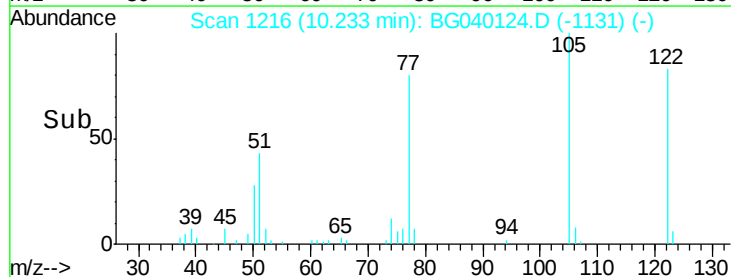
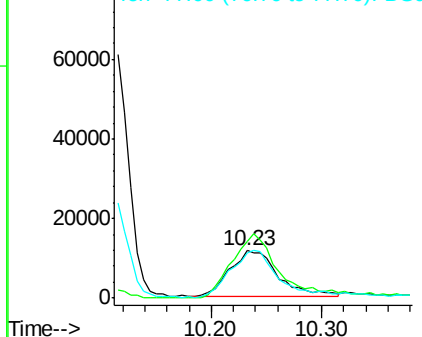


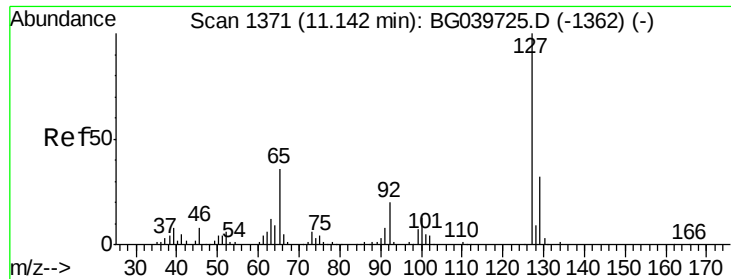
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





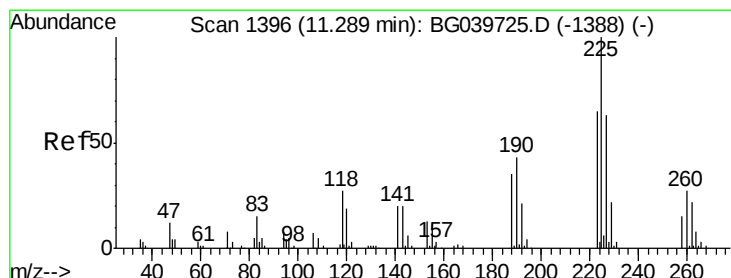
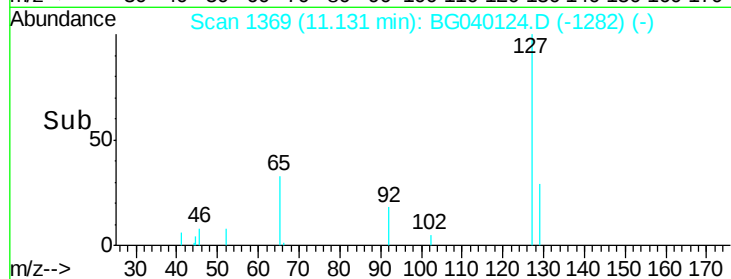
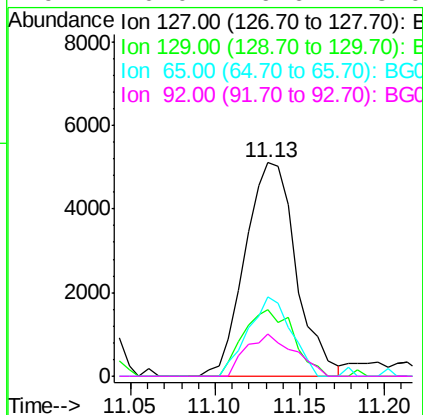
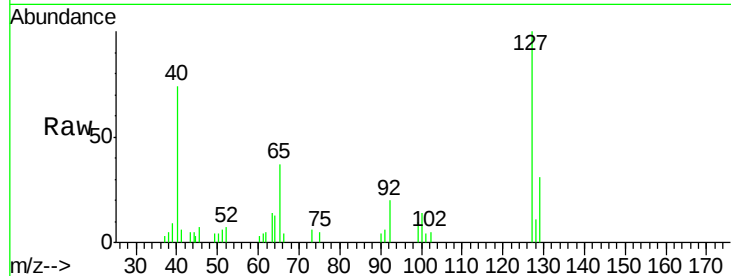
#33
4-Chloroaniline
Concen: 3.084 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	10699		
129	31.3	27.0	40.4	
65	36.9	28.8	43.2	
92	20.0	16.6	25.0	

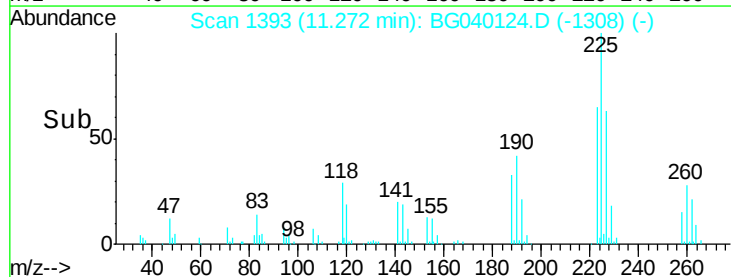
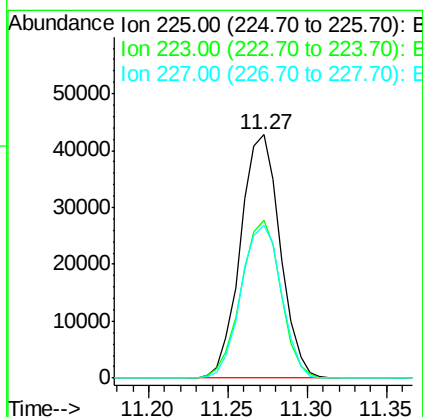
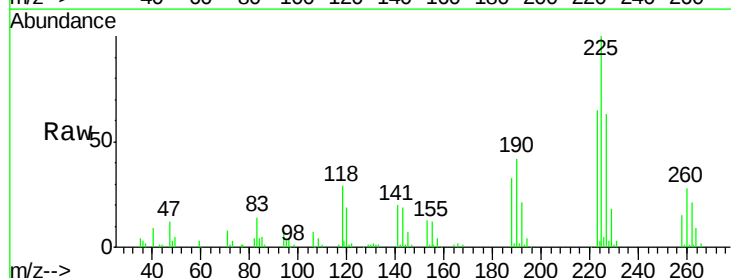
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#34
Hexachlorobutadiene
Concen: 38.119 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74278		
223	64.8	49.0	73.6	
227	62.6	46.3	69.5	





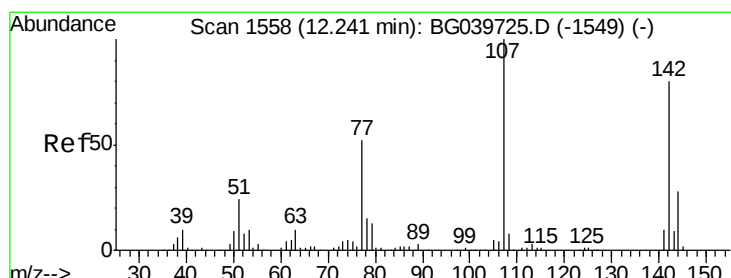
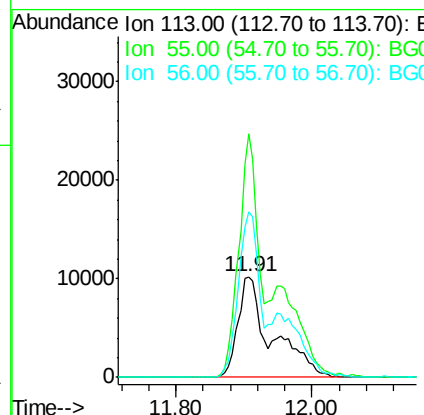
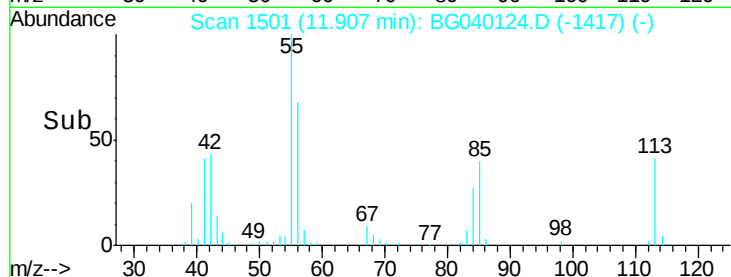
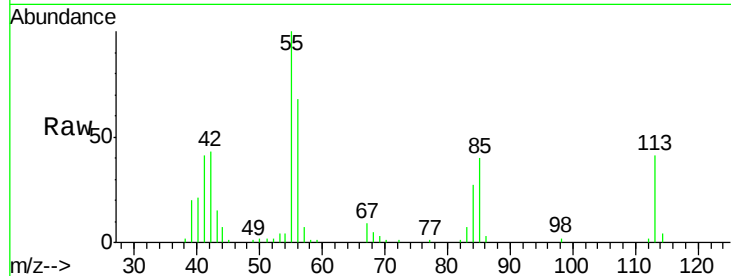
#35
 Caprolactam
 Concen: 36.390 ng m
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion:113 Resp: 35226
 Ion Ratio Lower Upper
 113 100
 55 242.5 216.9 256.9
 56 165.0 152.6 192.6

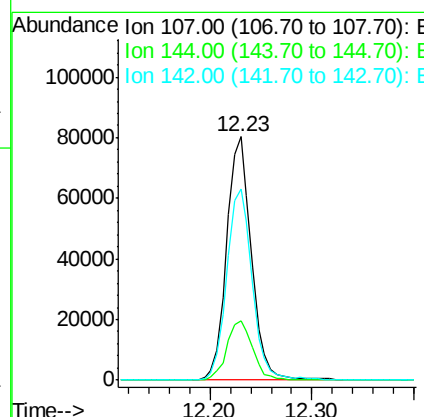
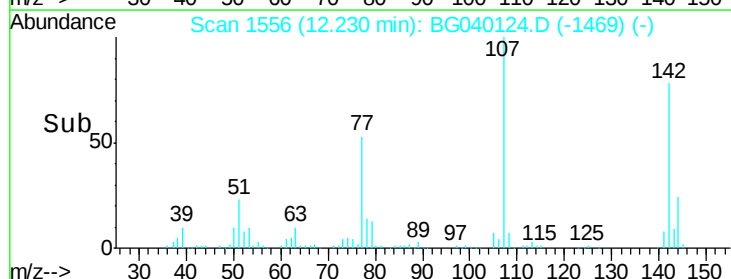
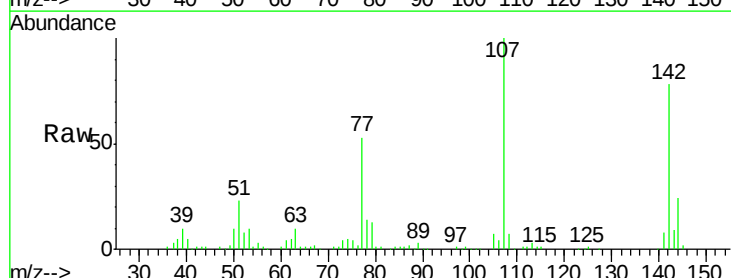
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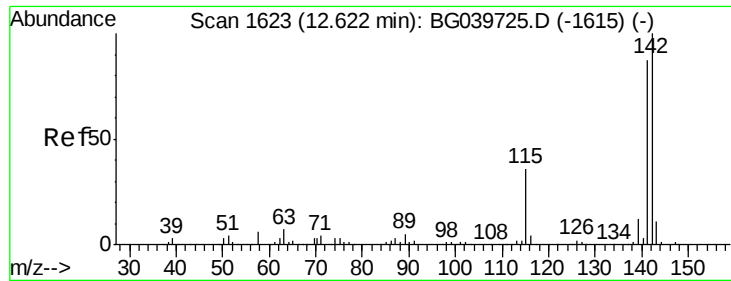
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#36
 4-Chloro-3-methylphenol
 Concen: 46.847 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion:107 Resp: 136086
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 78.5 61.4 92.2





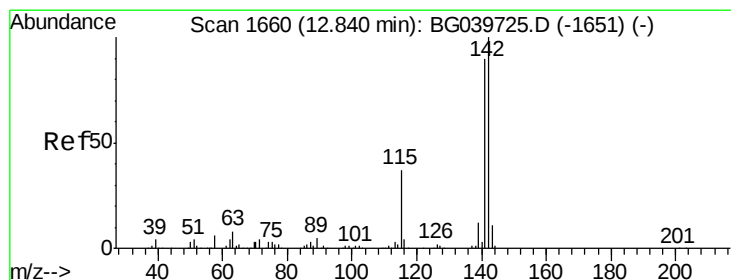
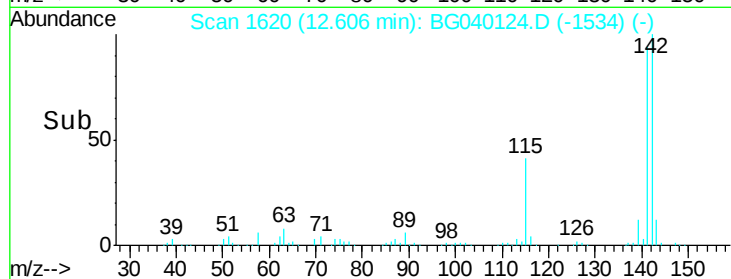
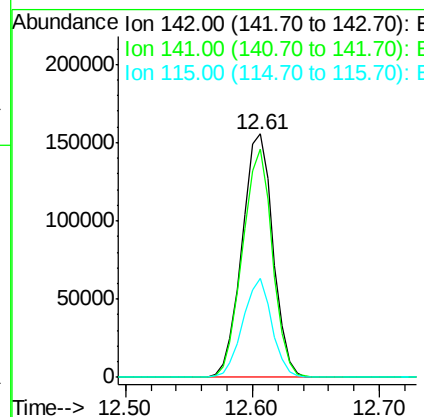
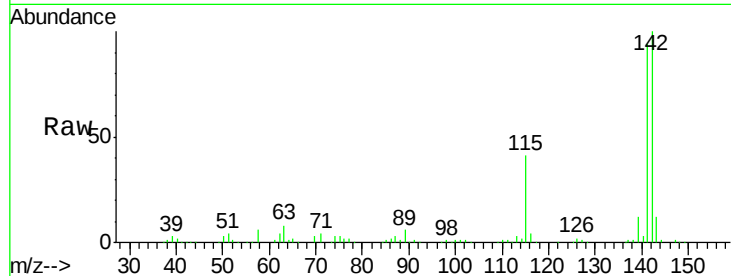
#37
2-Methylnaphthalene
Concen: 42.957 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.5	110.3
115	40.5	30.8	46.2

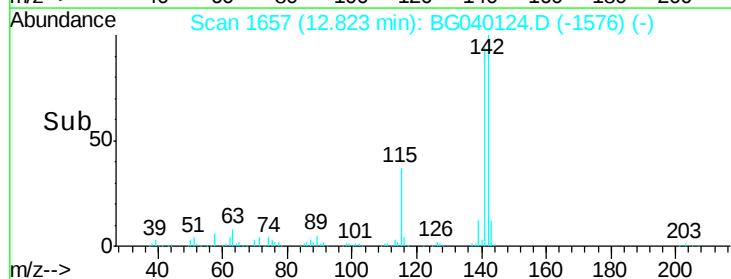
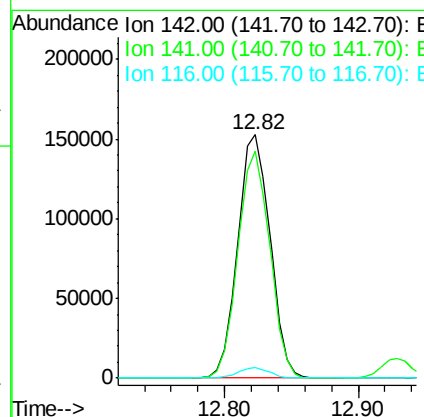
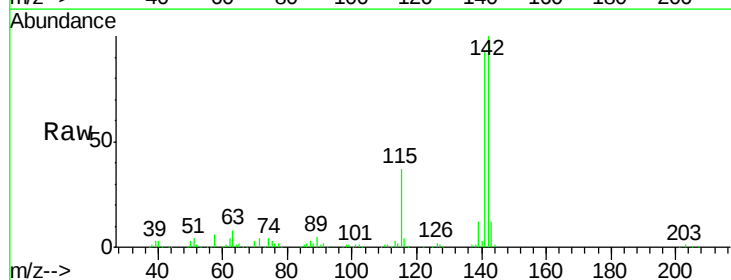
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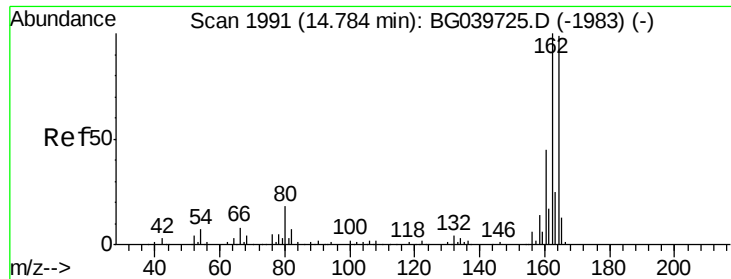
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#38
1-Methylnaphthalene
Concen: 43.136 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4
116	4.3	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: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

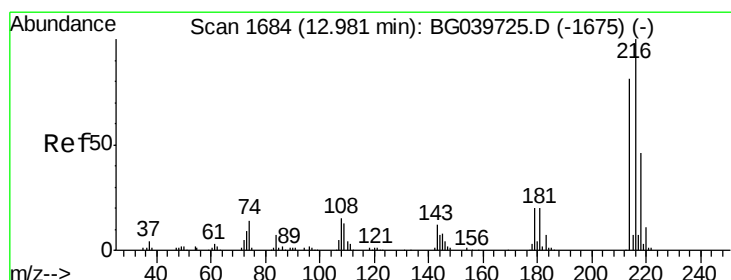
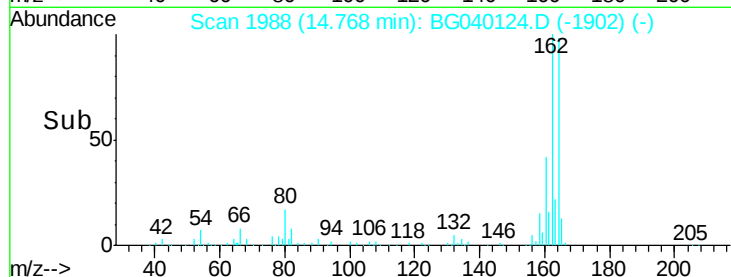
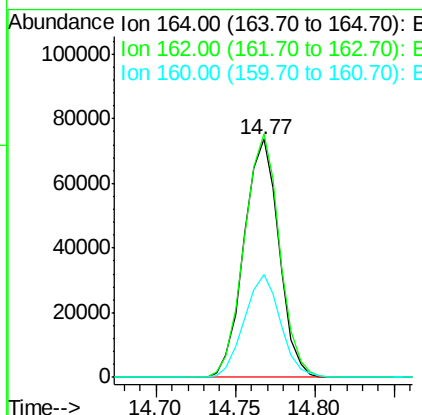
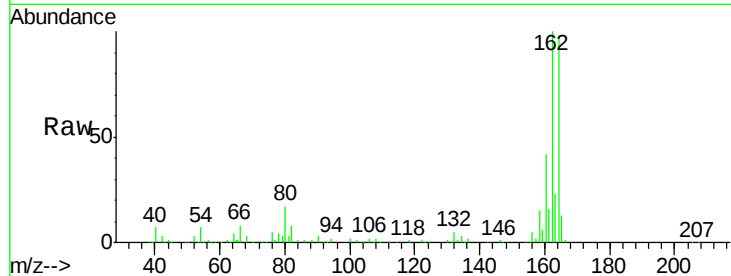
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	164	Resp:	112530
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.6	122.4
160	43.0	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.265 ng

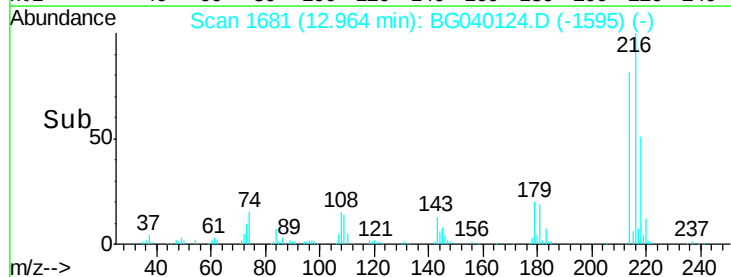
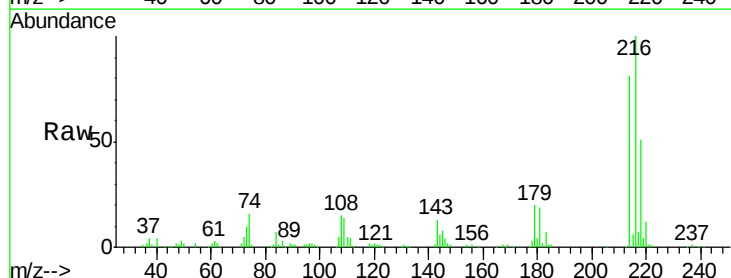
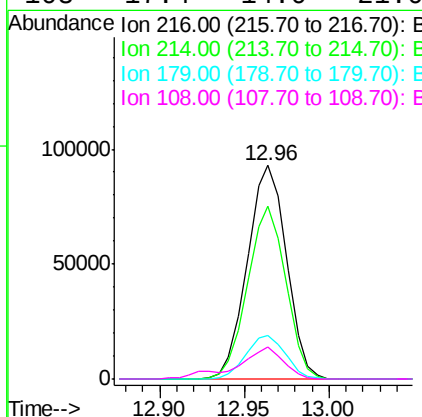
RT: 12.96 min Scan# 1681

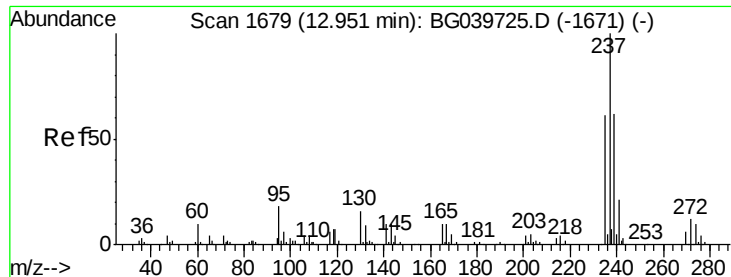
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	216	Resp:	149686
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.6	94.0
179	20.7	16.6	25.0
108	17.4	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 87.483 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

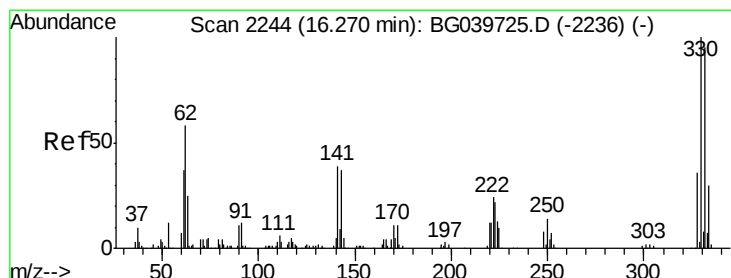
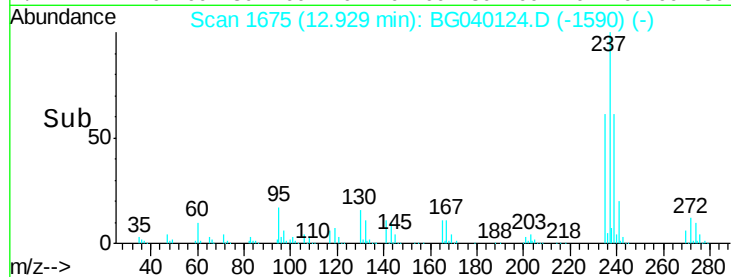
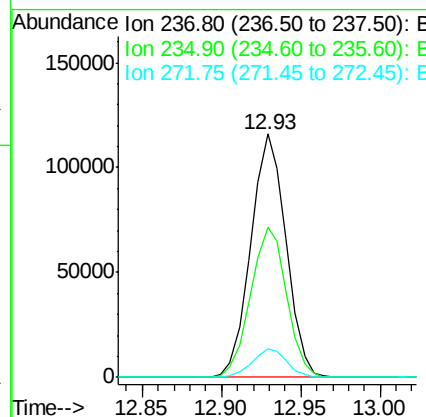
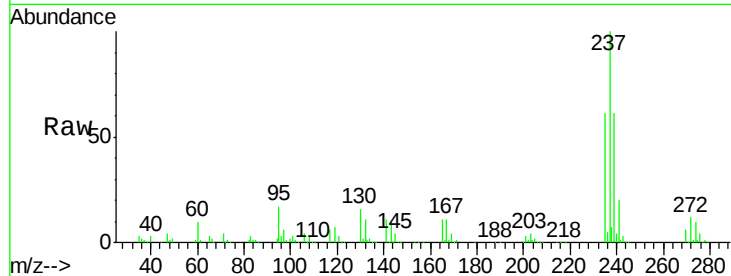
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	237	Resp:	178727
Ion Ratio	Lower	Upper	
237	100		
235	61.4	43.3	83.3
272	11.6	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 147.854 ng

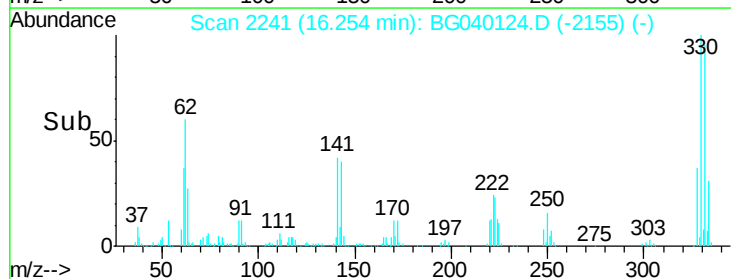
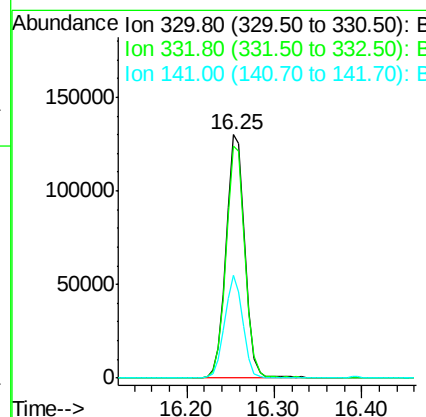
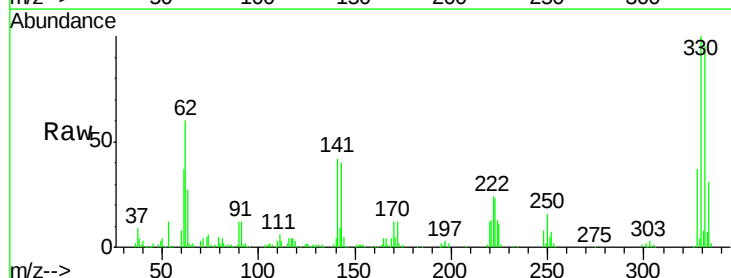
RT: 16.25 min Scan# 2241

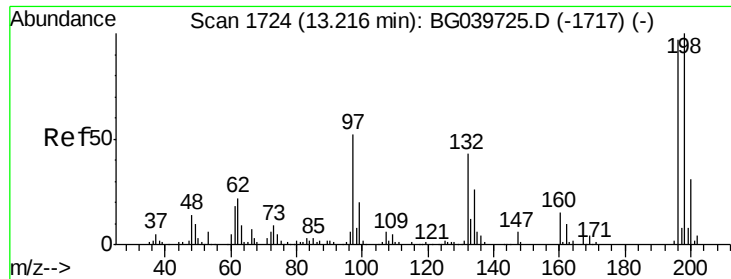
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	330	Resp:	193928
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.7	113.5
141	41.1	35.6	53.4





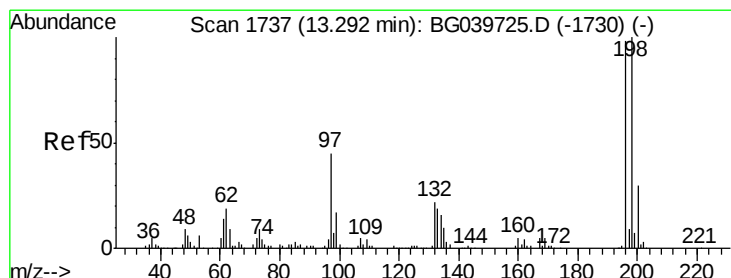
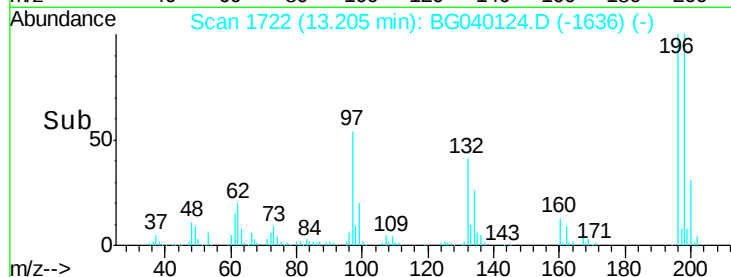
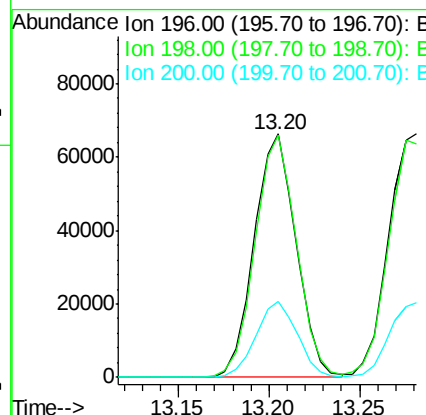
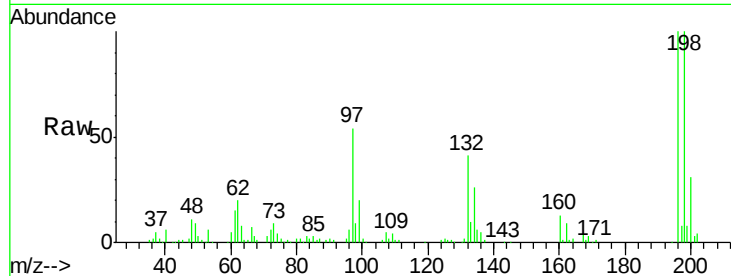
#43
 2,4,6-Trichlorophenol
 Concen: 47.660 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106371		
198	99.6	80.6	121.0	
200	31.1	26.1	39.1	

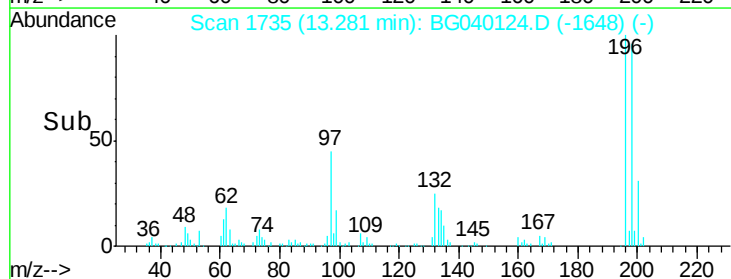
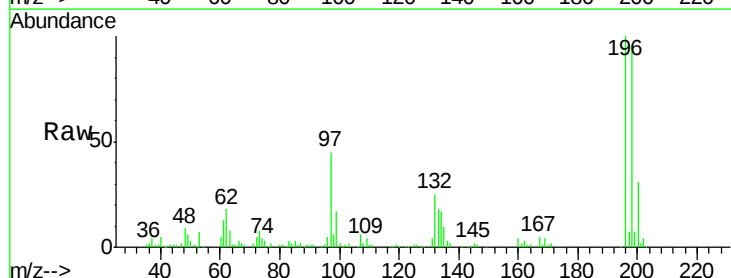
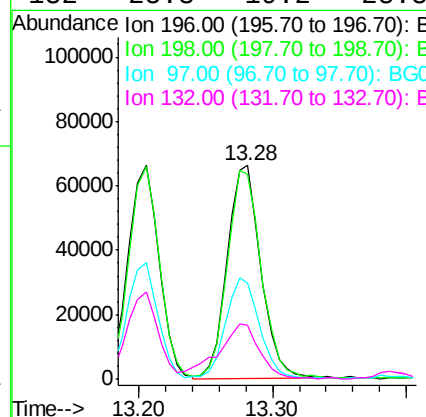
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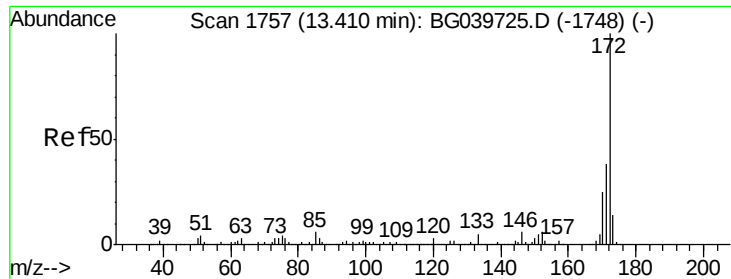
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#44
 2,4,5-Trichlorophenol
 Concen: 46.242 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116334		
198	95.7	78.5	117.7	
97	44.8	38.4	57.6	
132	25.3	19.2	28.8	





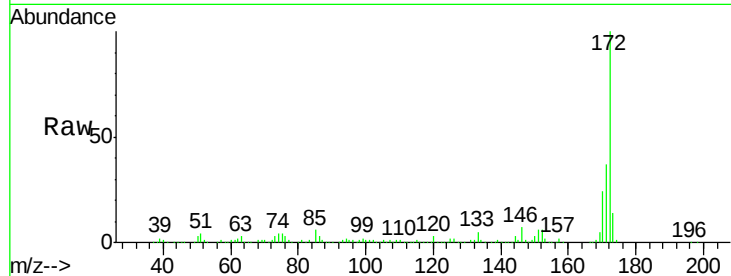
#45
2-Fluorobiphenyl
Concen: 77.811 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

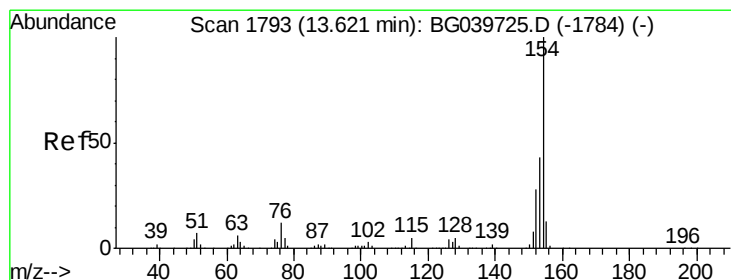
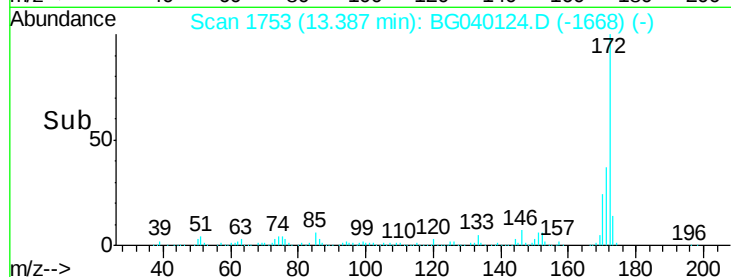
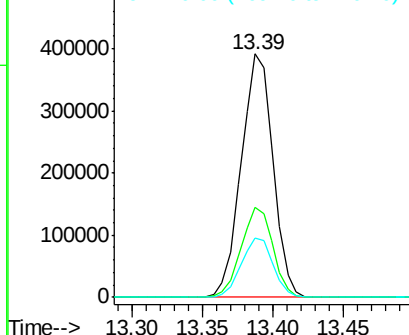
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	614966		
171	37.2		30.8	46.2
170	24.2		20.2	30.4

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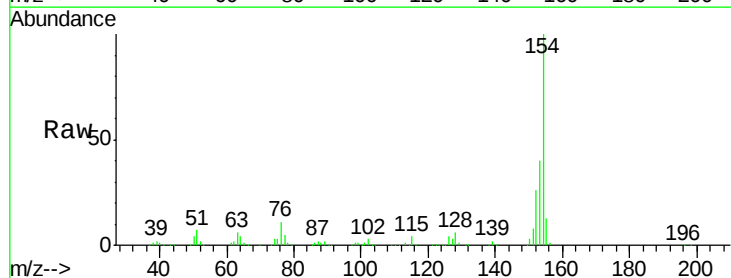


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

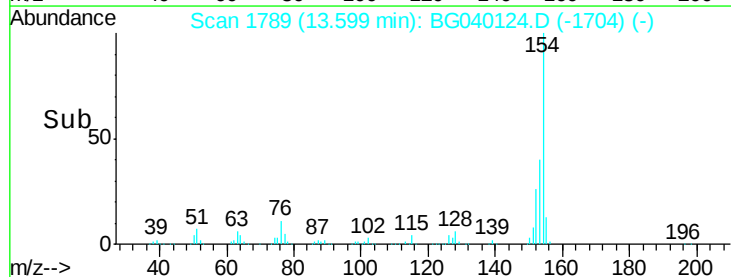
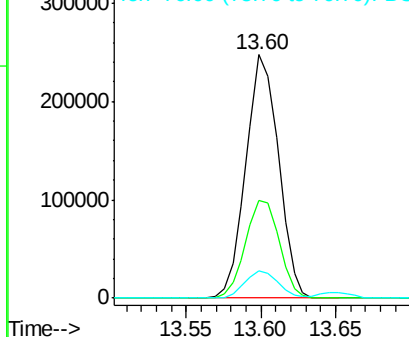


#46
1,1'-Biphenyl
Concen: 40.425 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	374154		
153	40.0		22.1	62.1
76	11.4		0.0	32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG0





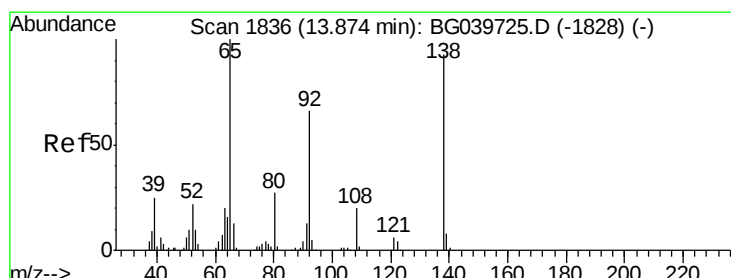
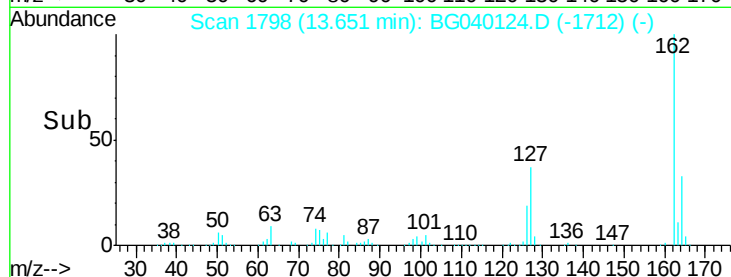
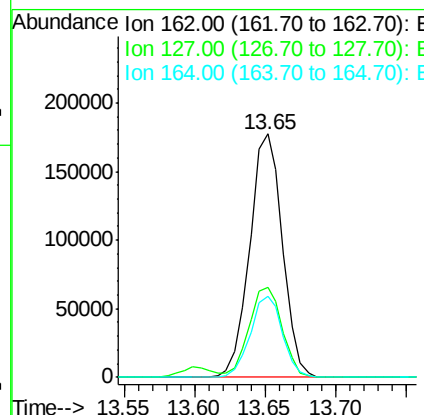
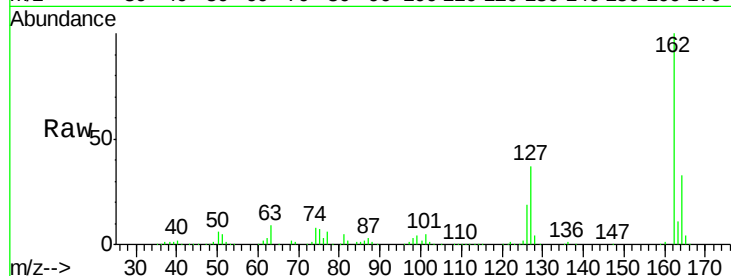
#47
2-Chloronaphthalene
Concen: 41.267 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	287334		
127	37.2	31.0	46.6	
164	33.3	25.7	38.5	

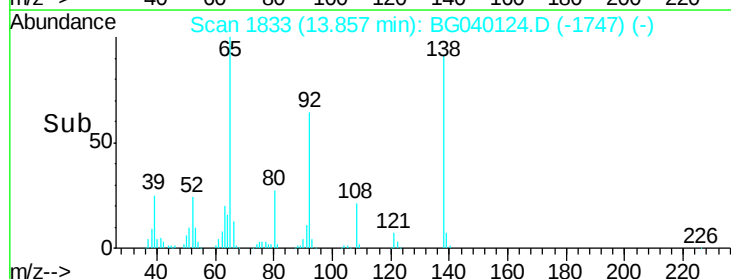
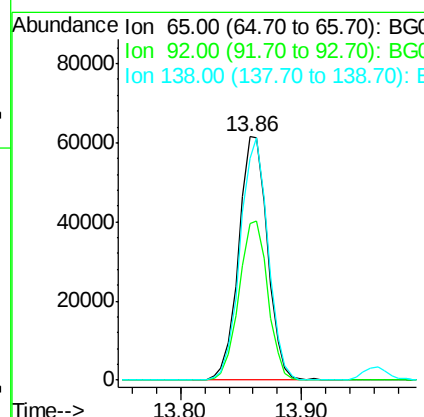
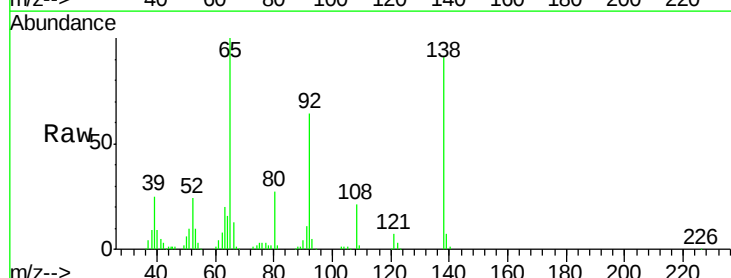
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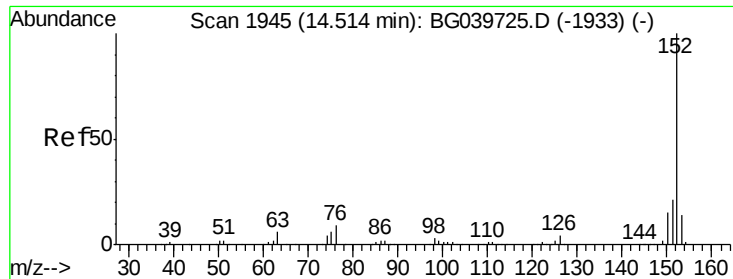
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#48
2-Nitroaniline
Concen: 45.730 ng
RT: 13.86 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	102326		
92	64.2	51.4	77.2	
138	91.1	71.4	107.2	





#49

Acenaphthylene

Concen: 40.914 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040124.D

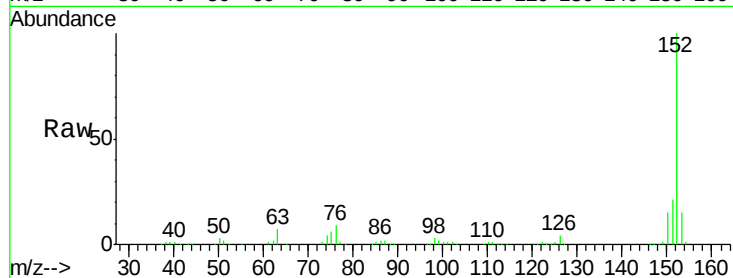
Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampleId :

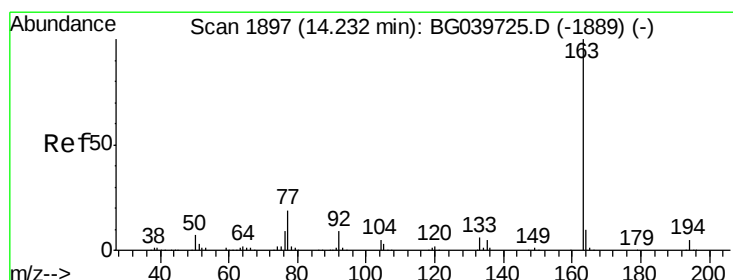
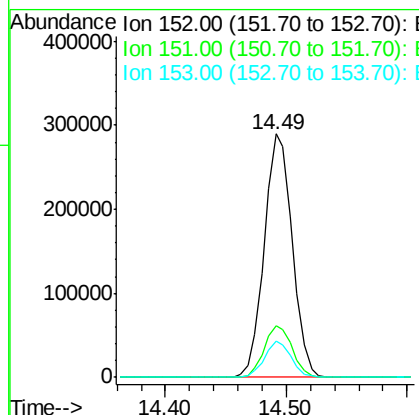
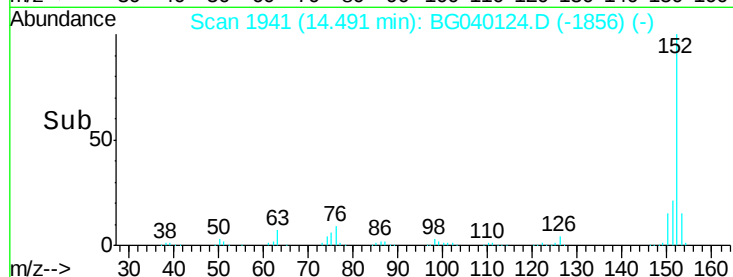
S4B(2-10)MS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	14.8	11.7	17.5

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#50

Dimethylphthalate

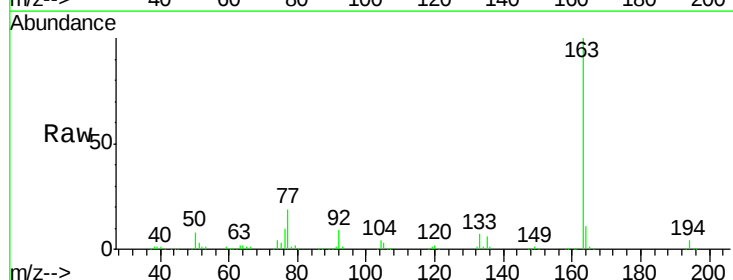
Concen: 43.364 ng

RT: 14.22 min Scan# 1894

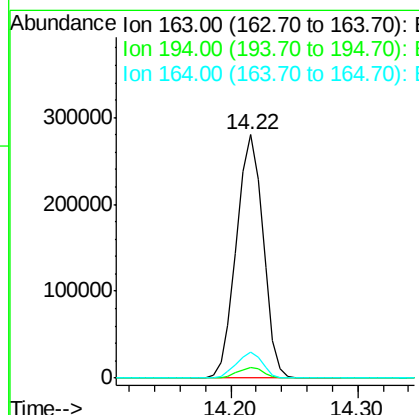
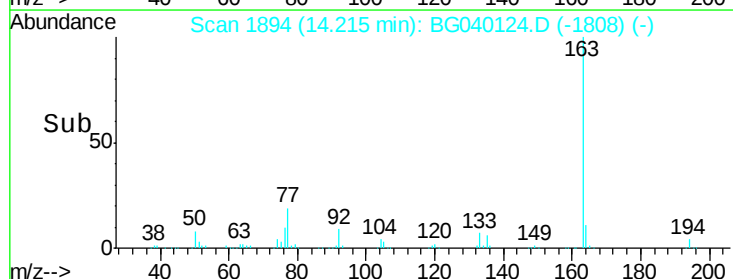
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33



Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.5	8.4	12.6





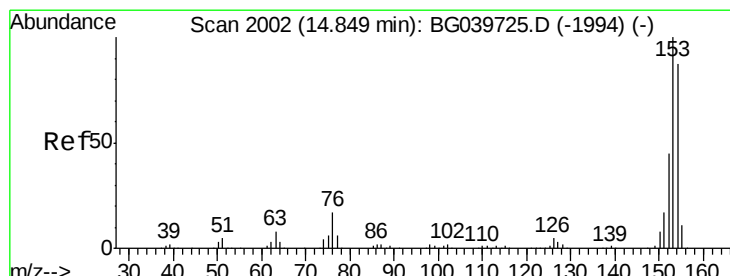
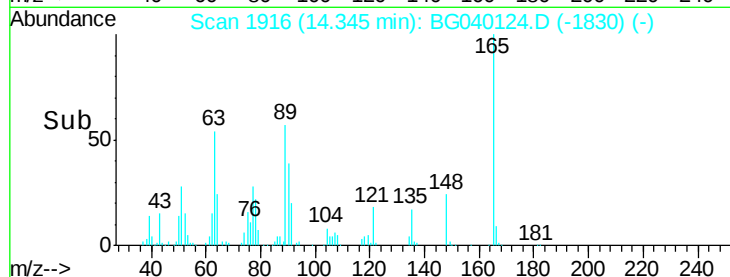
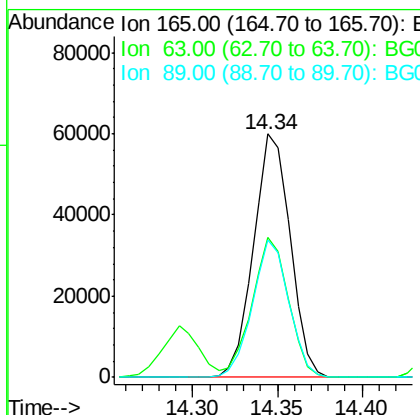
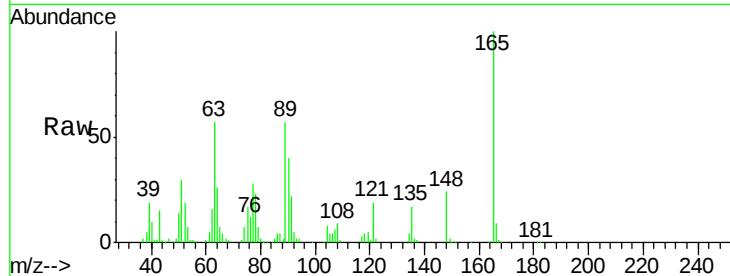
#51
2,6-Dinitrotoluene
Concen: 45.438 ng
RT: 14.34 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90640		
63	57.5	47.0	70.6	
89	56.7	45.8	68.8	

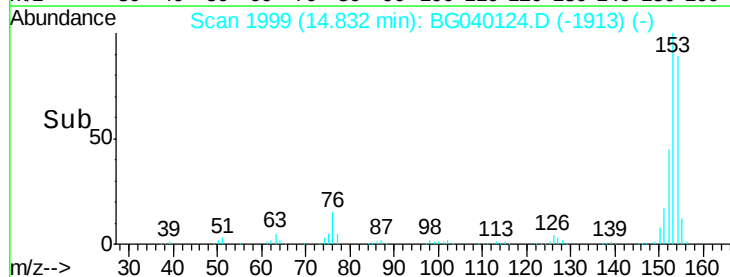
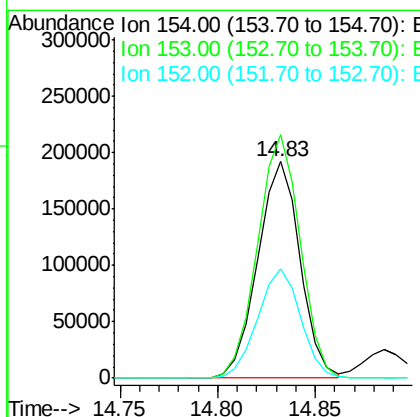
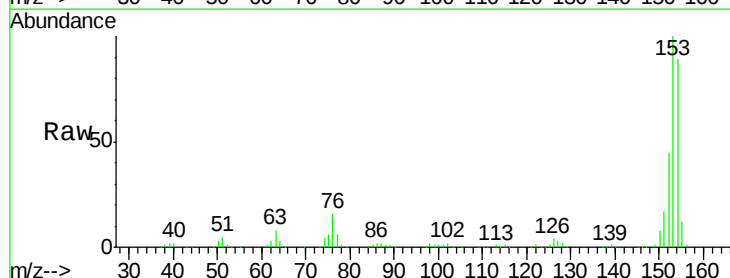
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#52
Acenaphthene
Concen: 41.770 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	287359		
153	112.6	90.1	135.1	
152	50.5	40.9	61.3	





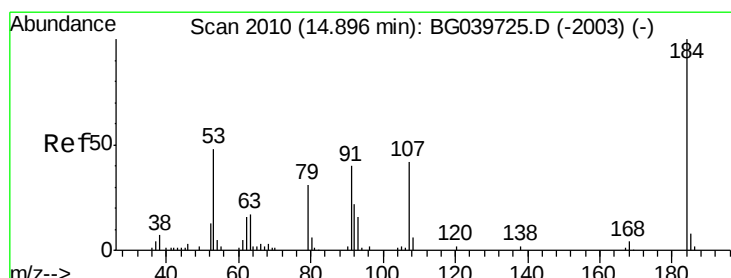
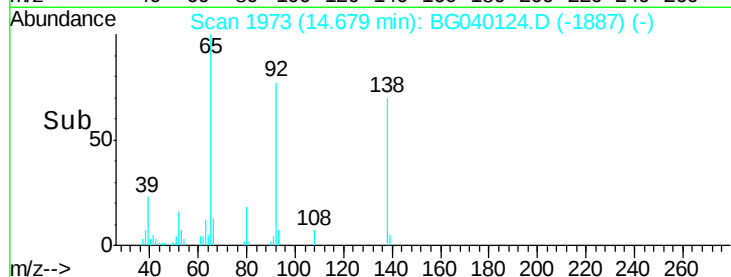
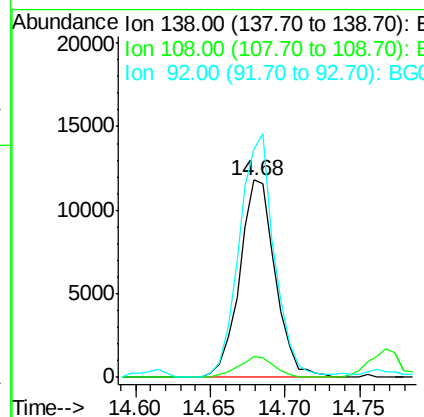
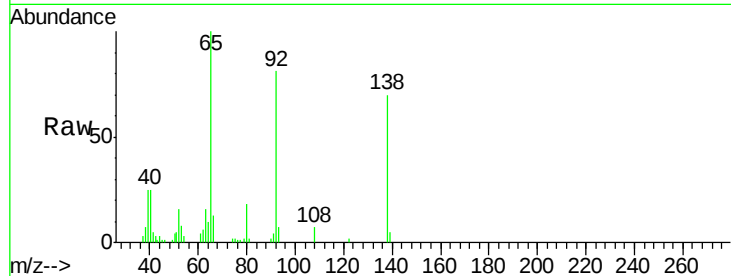
#53
3-Nitroaniline
Concen: 9.731 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	19512		
108	10.7	13.8	20.8#	
92	115.8	103.7	155.5	

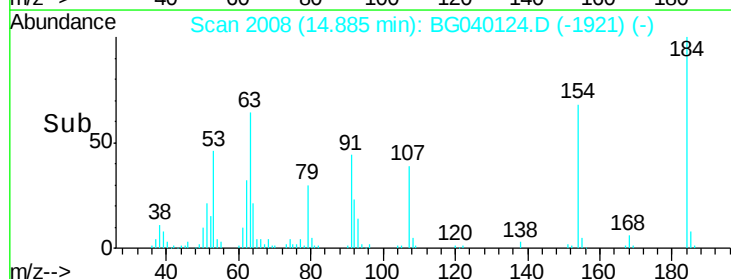
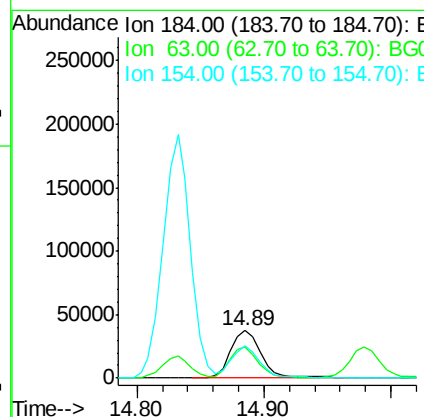
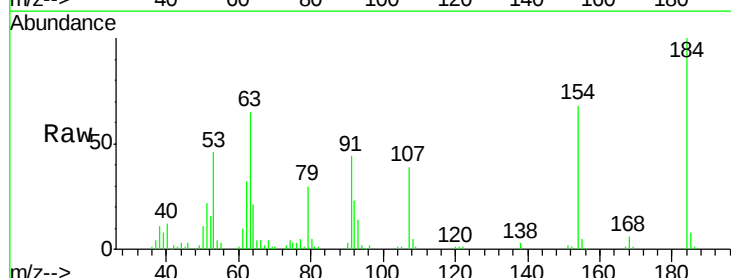
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#54
2,4-Dinitrophenol
Concen: 51.741 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	62590		
63	65.4	50.9	76.3	
154	68.1	53.0	79.6	





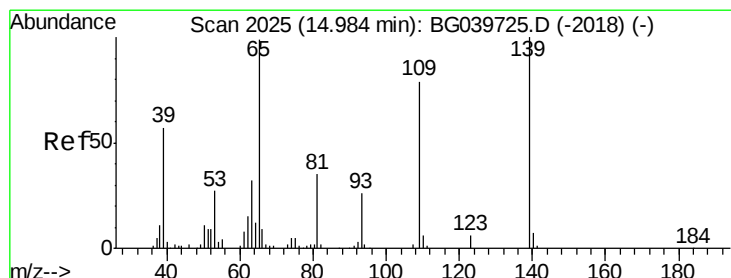
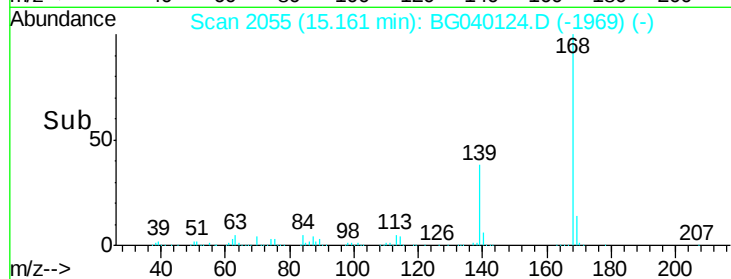
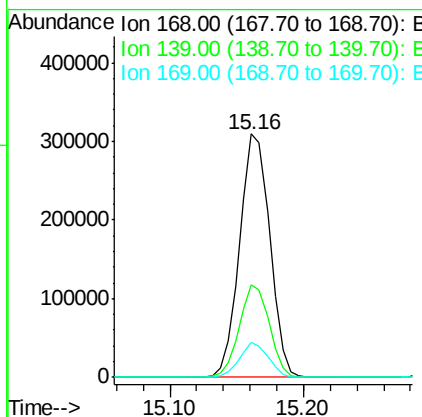
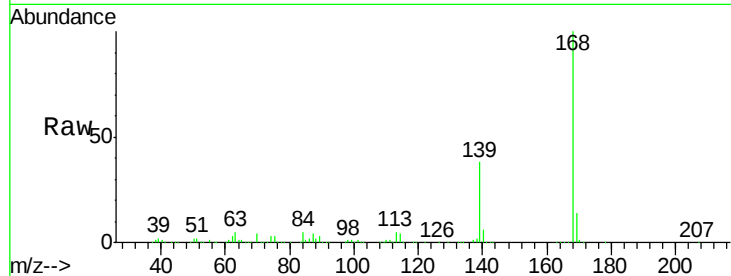
#55
Dibenzenofuran
Concen: 42.791 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	482992		
139	38.2	30.1	45.1	
169	14.2	10.6	16.0	

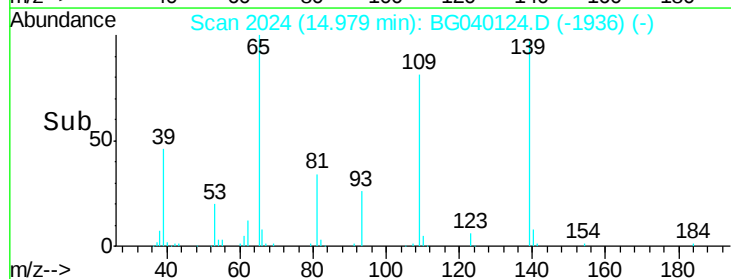
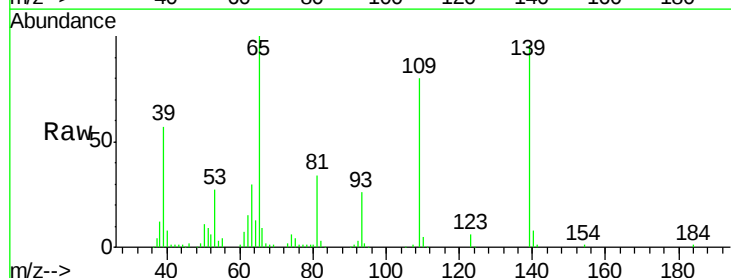
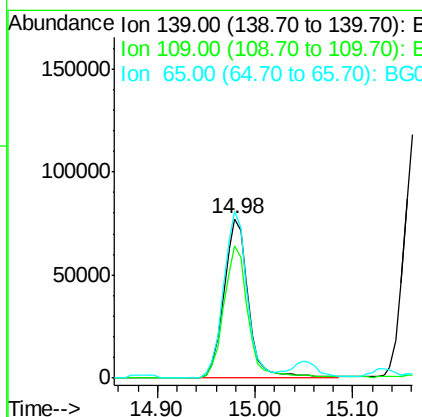
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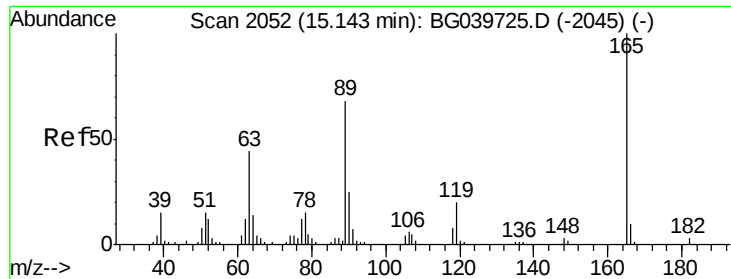
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#56
4-Nitrophenol
Concen: 74.857 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	134278		
109	83.3	61.9	101.9	
65	104.7	99.1	139.1	





#57

2,4-Dinitrotoluene

Concen: 47.047 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

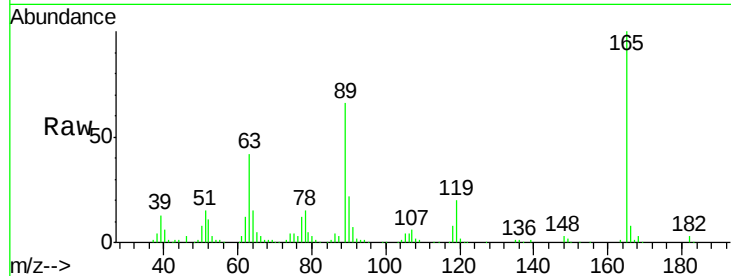
ClientSampleId :

S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131869		
63	41.7	41.0	61.6	
89	66.4	64.6	96.8	
182	2.9	2.0	3.0	

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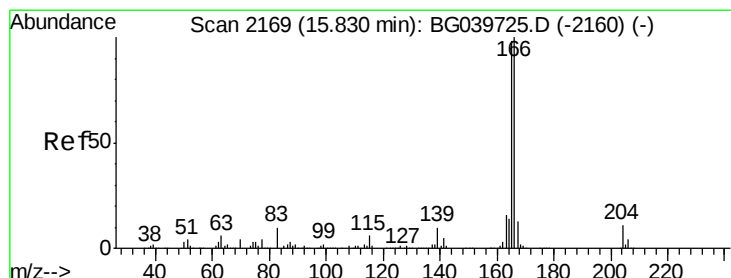
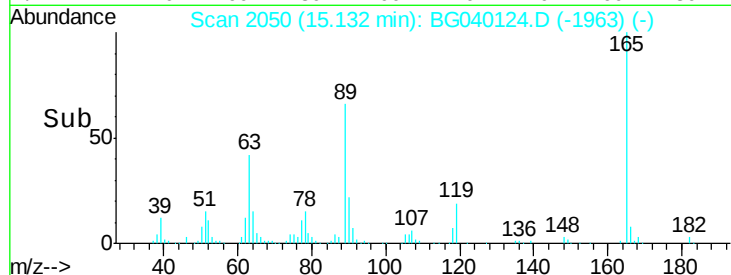
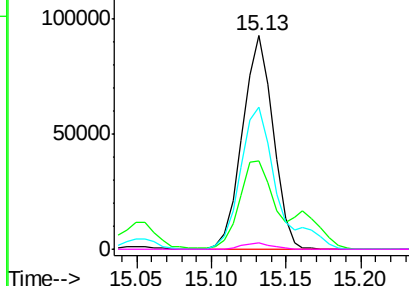


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.800 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040124.D

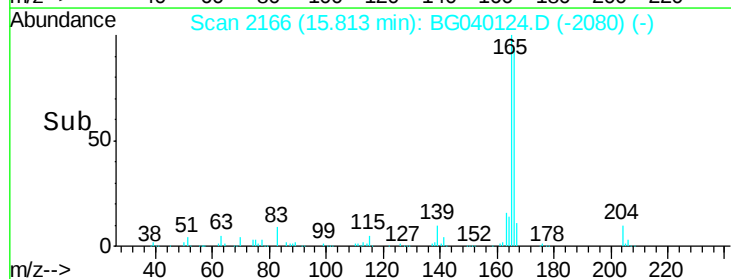
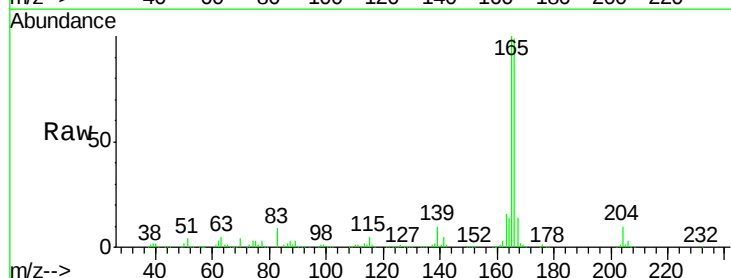
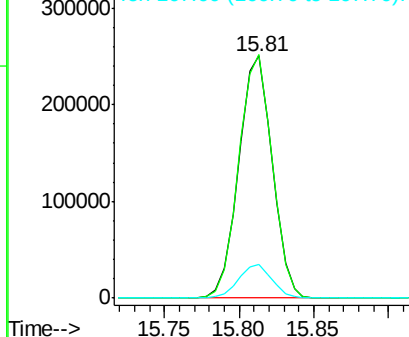
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	388645		
165	100.5	77.9	116.9	
167	13.9	10.8	16.2	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





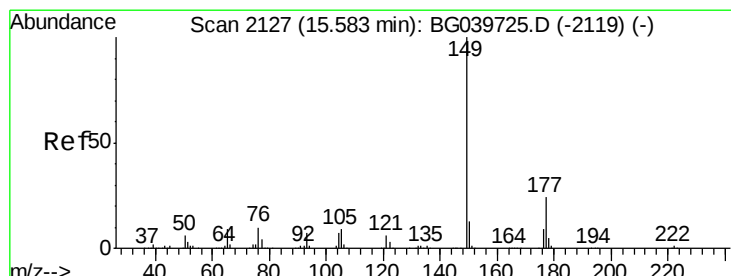
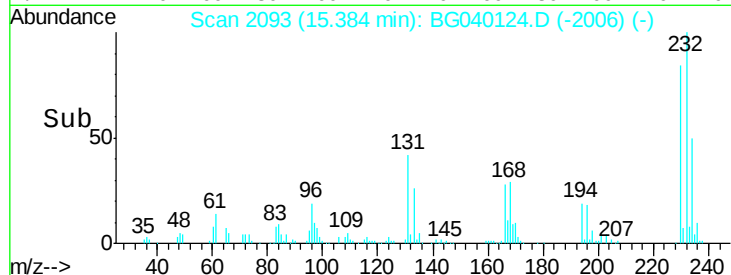
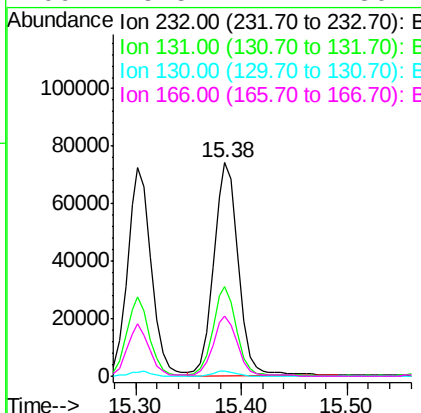
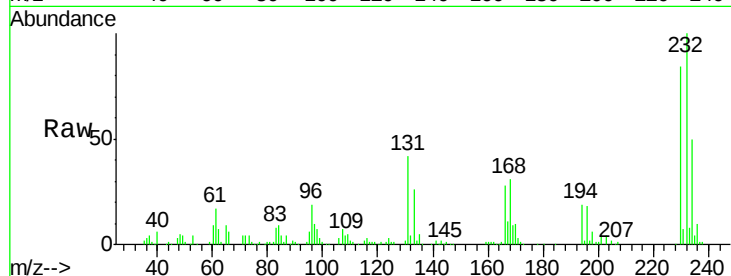
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.202 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampled :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	120885		
131	41.2	34.9	52.3	
130	2.2	2.0	3.0	
166	28.5	24.1	36.1	

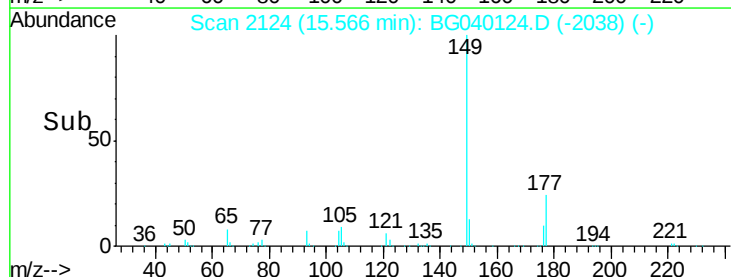
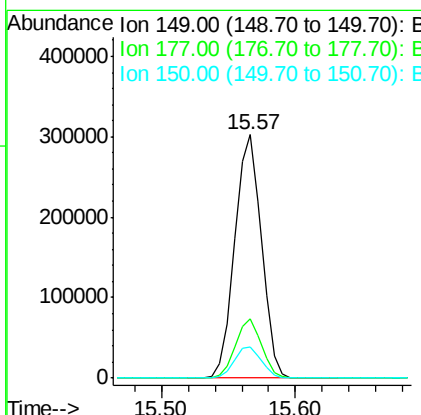
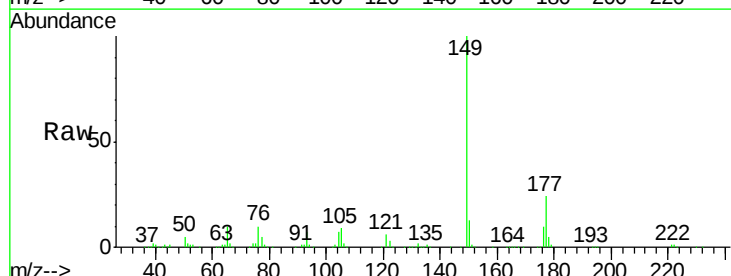
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#60
 Diethylphthalate
 Concen: 45.094 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	420049		
177	24.5	18.3	27.5	
150	12.7	10.2	15.2	





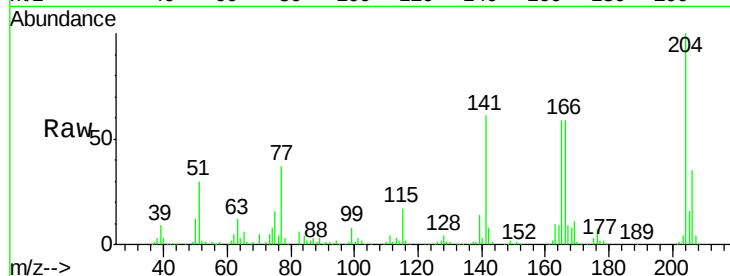
#61
 4-Chlorophenyl-phenylether
 Concen: 43.561 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

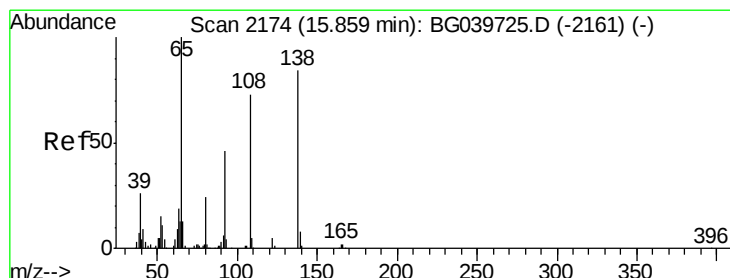
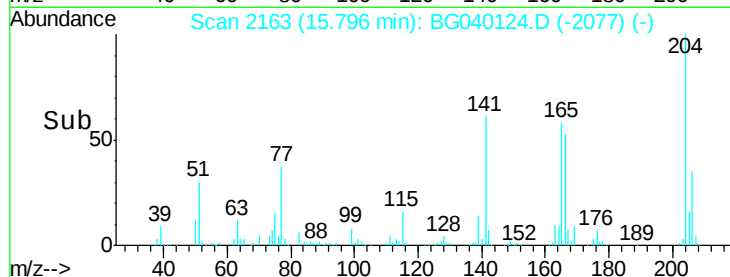
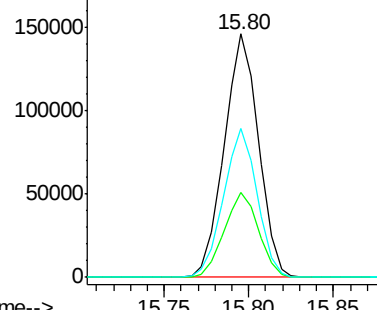
Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	60.9	49.0	73.4

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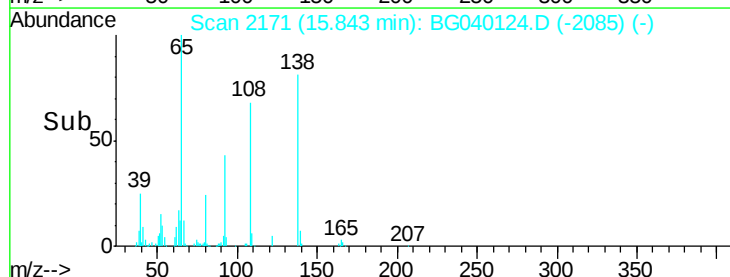
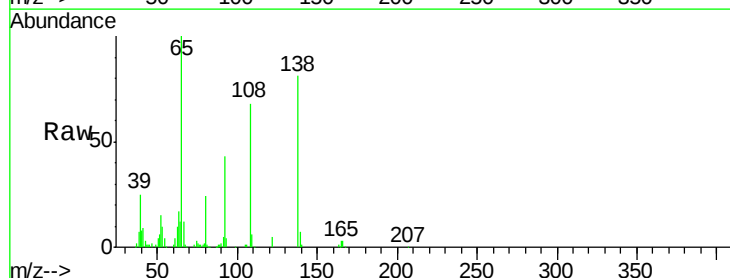
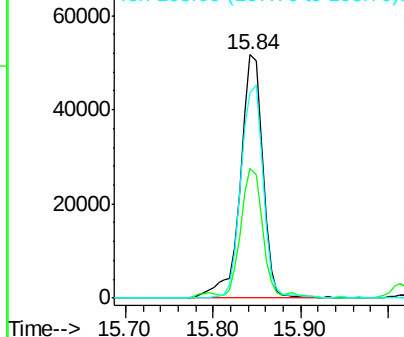
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.828 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	38.7	78.7
108	84.2	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





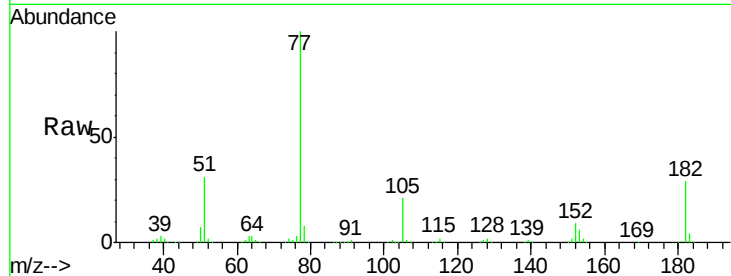
#63
Azobenzene
Concen: 43.032 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

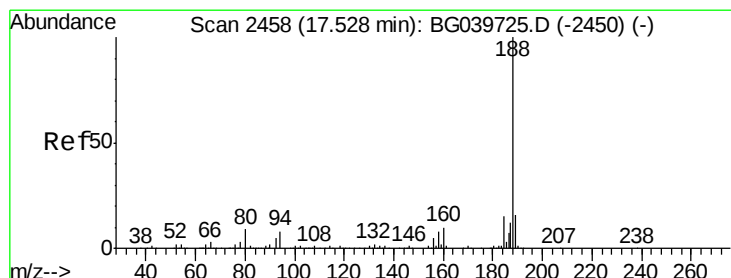
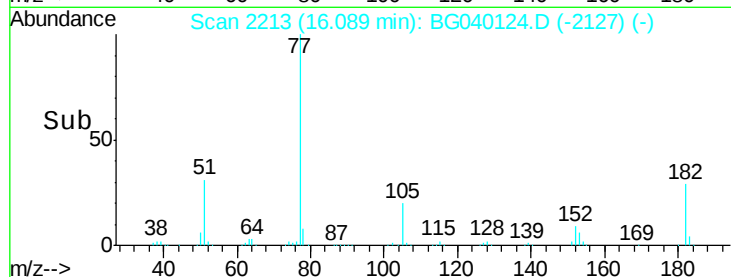
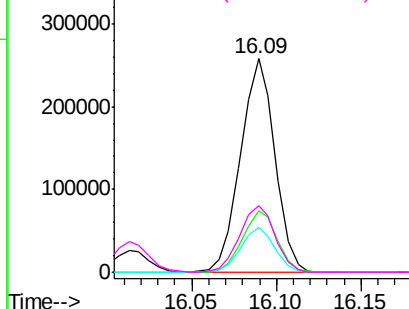
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.6	6.4	46.4
105	21.0	0.0	39.8
51	31.3	14.1	54.1

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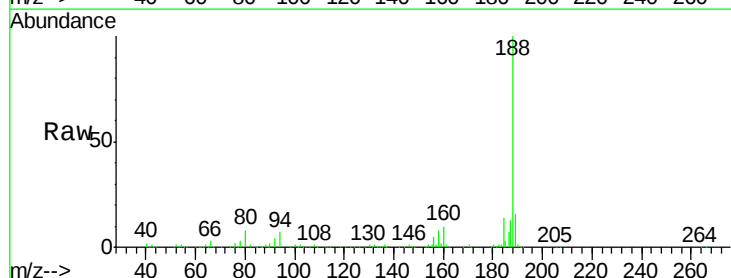


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

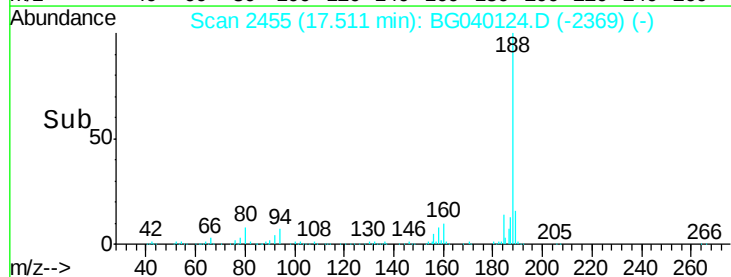
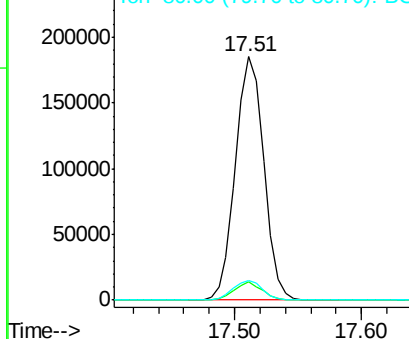


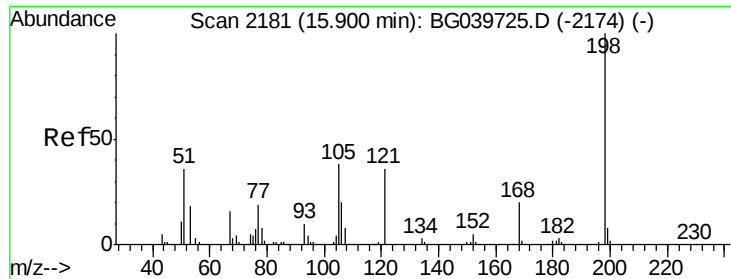
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.1	8.1	12.1#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 35.309 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

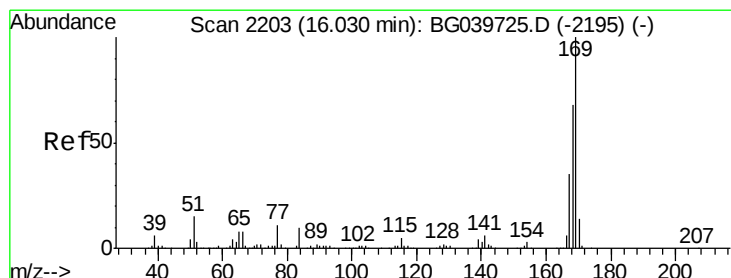
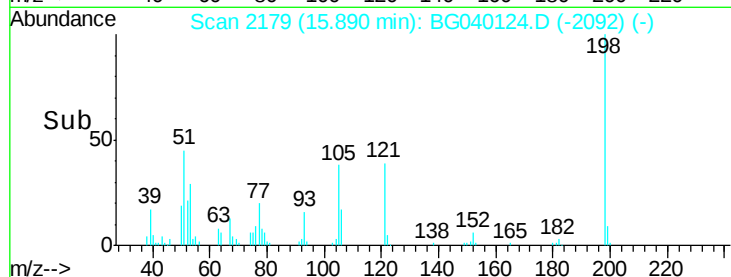
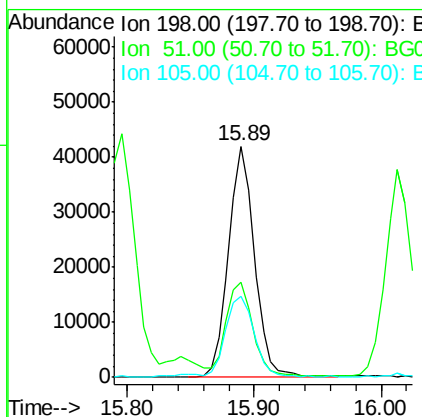
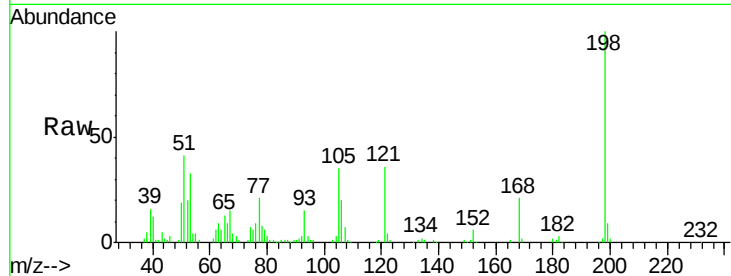
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	198	Resp:	59779
Ion Ratio	Lower	Upper	
198	100		
51	41.3	27.4	67.4
105	35.0	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 43.764 ng

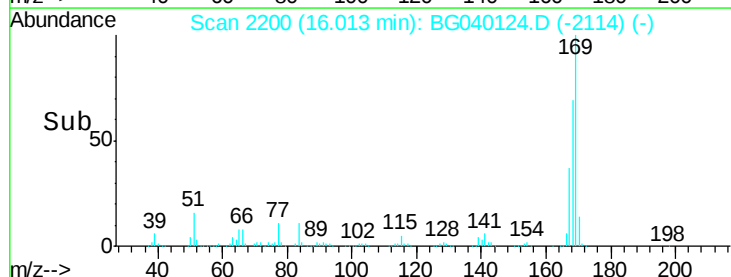
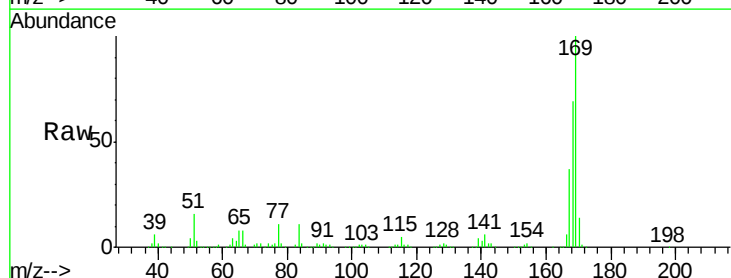
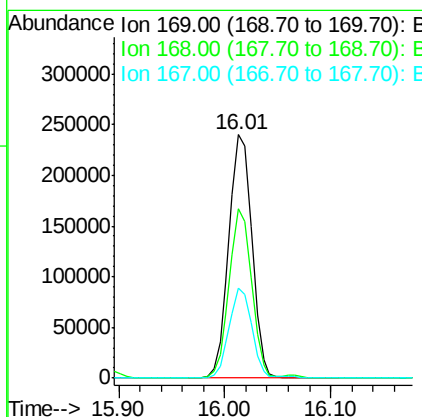
RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	169	Resp:	362784
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.6	85.0
167	36.9	28.8	43.2





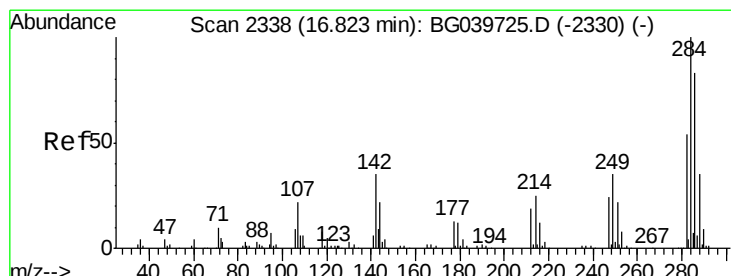
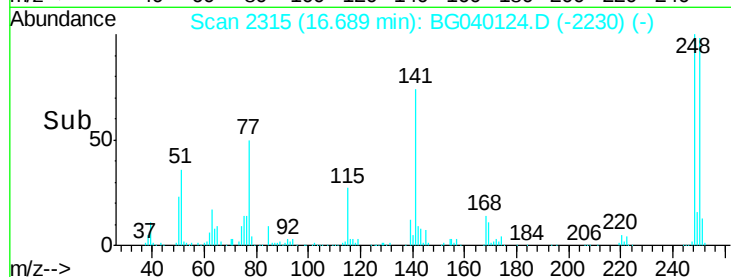
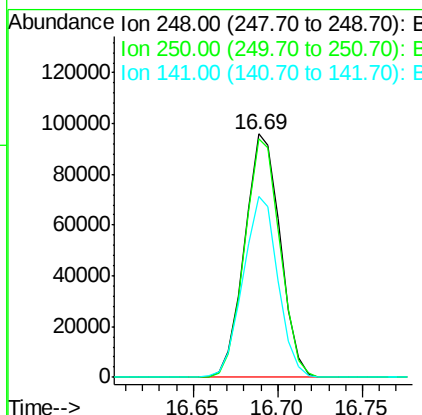
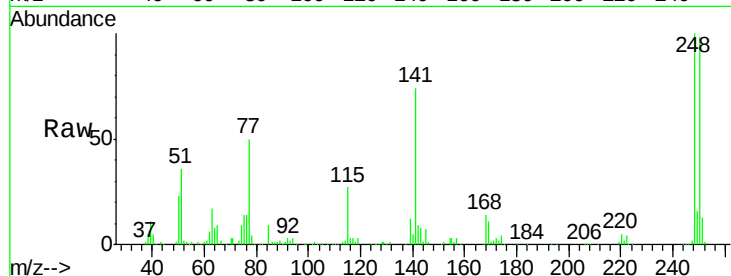
#67
 4-Bromophenyl-phenylether
 Concen: 43.651 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	139905		
250	98.0	77.6	116.4	
141	74.2	63.9	95.9	

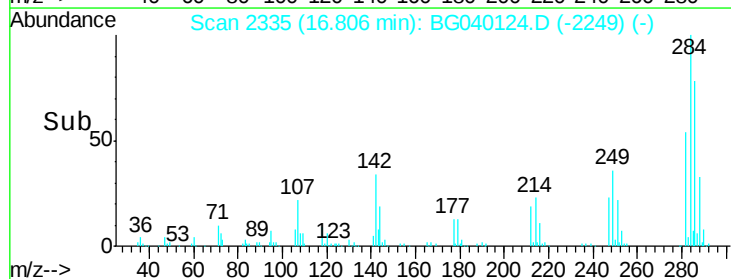
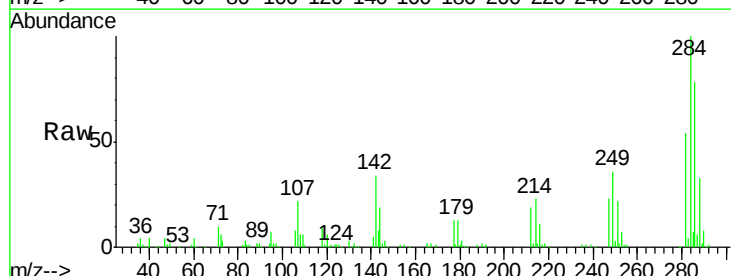
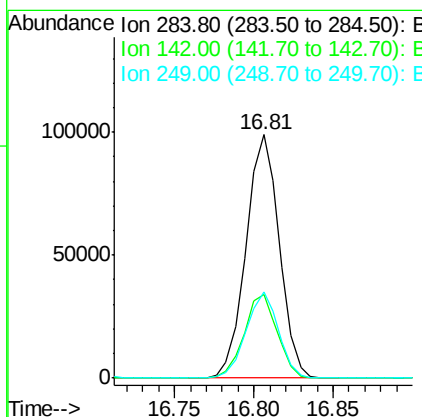
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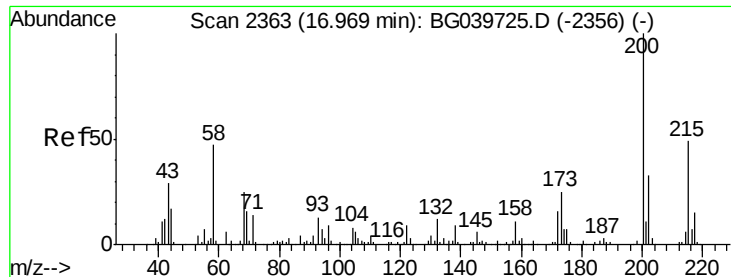
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#68
 Hexachlorobenzene
 Concen: 43.257 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	143714		
142	34.3	30.6	45.8	
249	35.6	28.2	42.2	





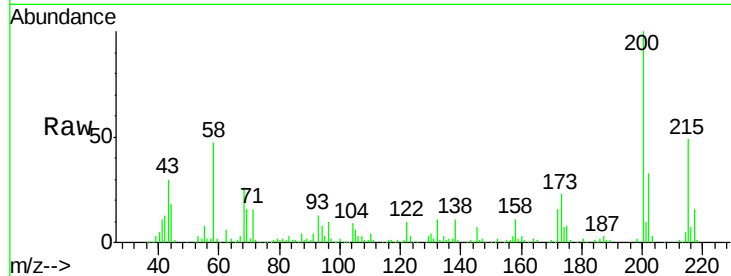
#69
 Atrazine
 Concen: 44.956 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Instrument :
 BNA_G
 ClientSampleId :
 S4B(2-10)MS

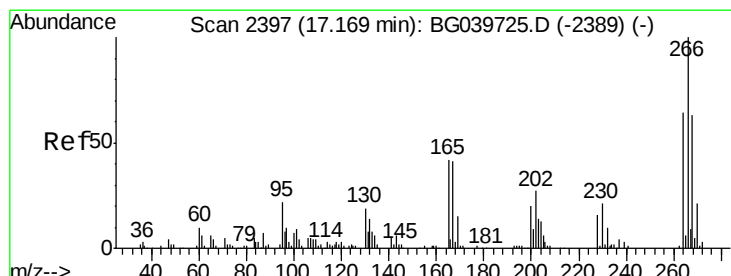
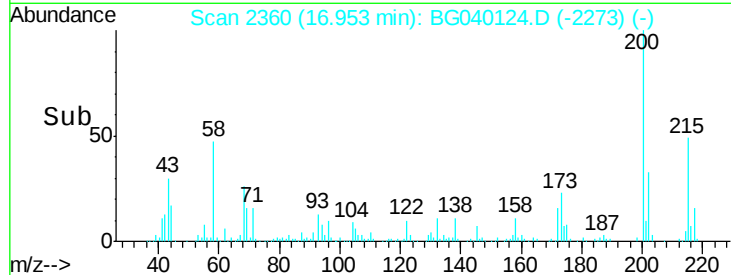
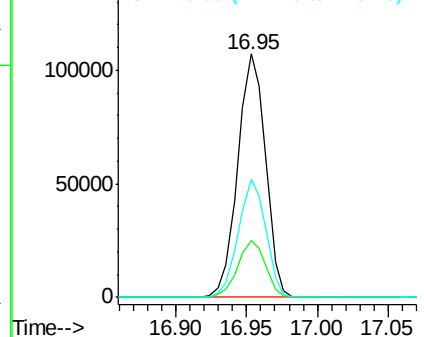
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.1	3.9	43.9
215	48.7	30.9	70.9

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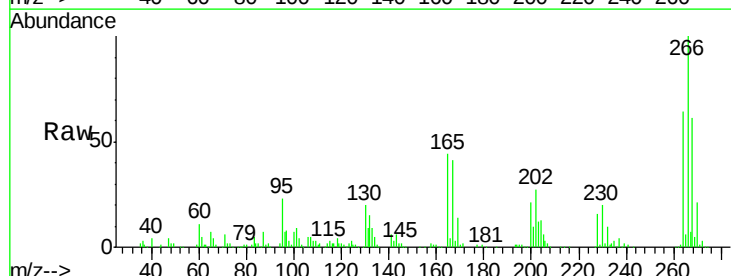


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

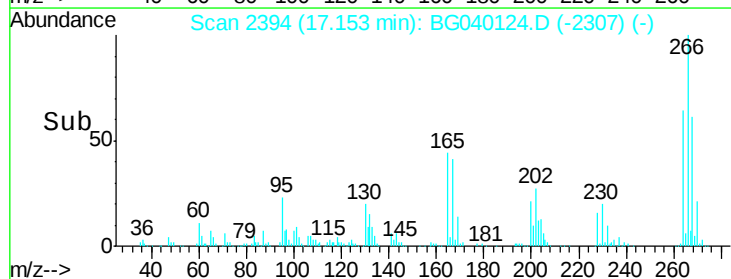
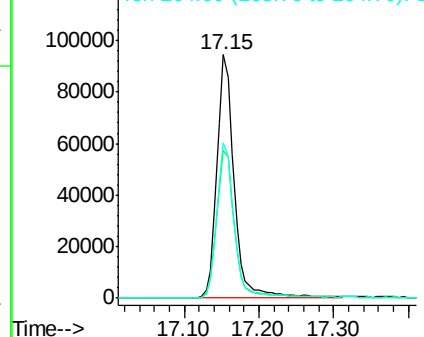


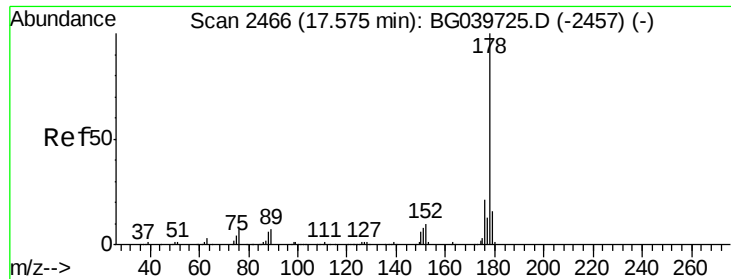
#70
 Pentachlorophenol
 Concen: 72.773 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG040124.D
 Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	60.9	51.1	76.7
264	63.7	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





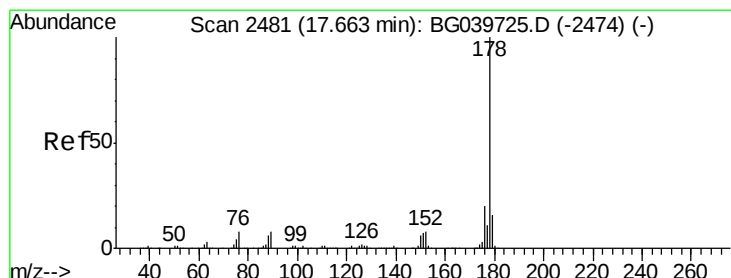
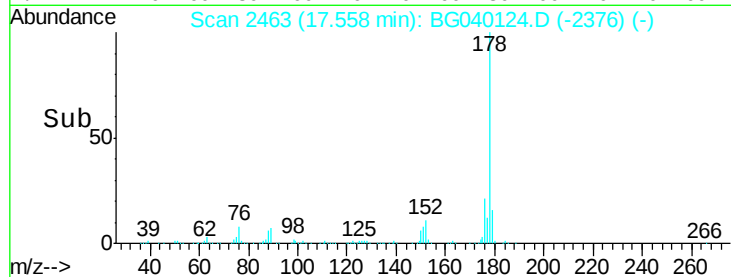
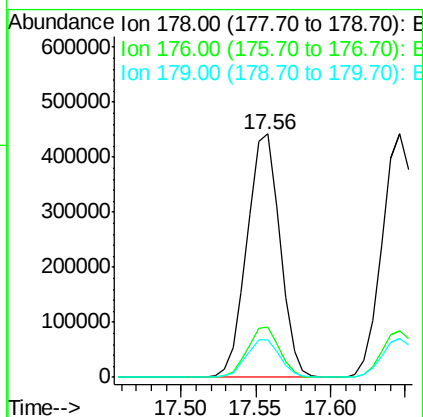
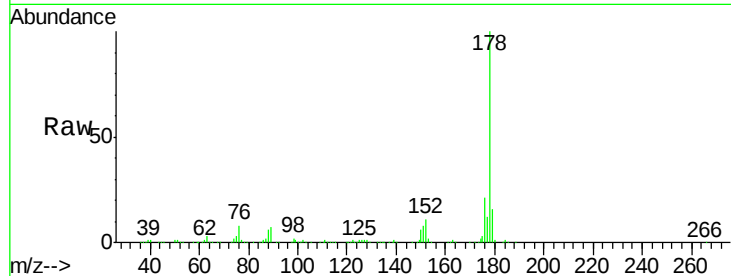
#71
Phenanthrene
Concen: 42.703 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.6	12.6	19.0

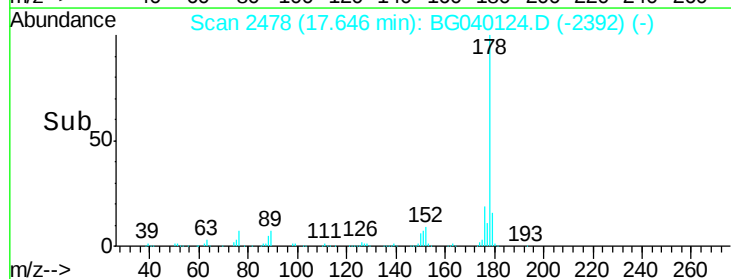
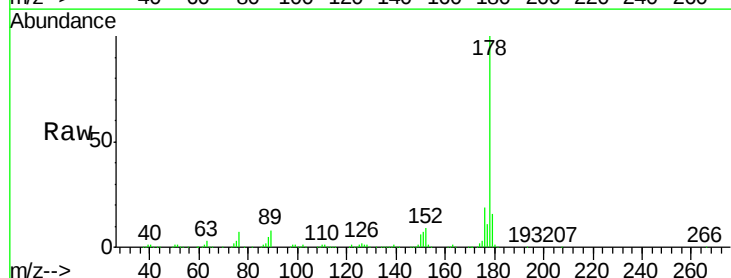
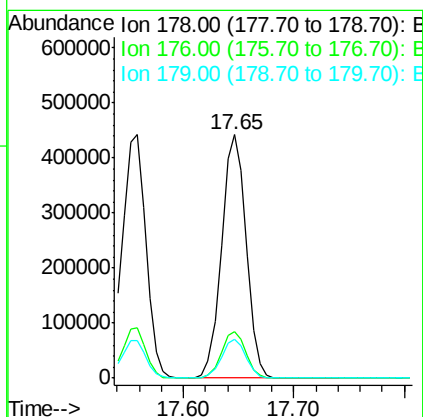
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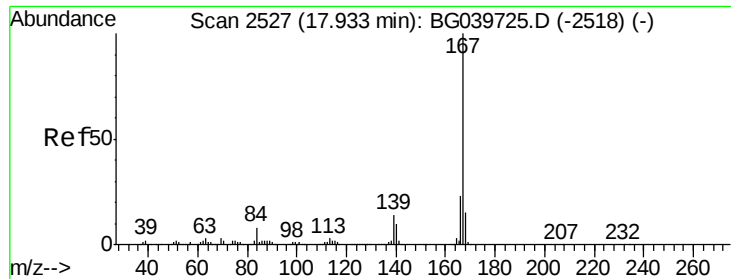
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#72
Anthracene
Concen: 44.583 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.8	12.5	18.7





#73

Carbazole

Concen: 43.050 ng

RT: 17.92 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

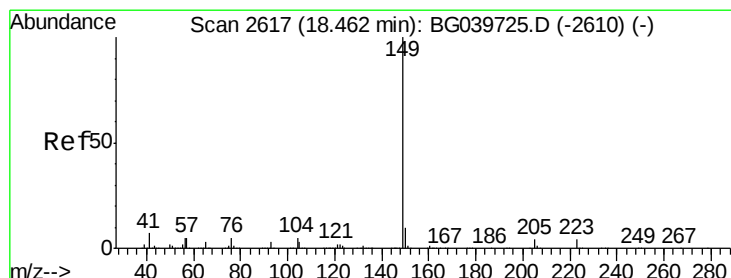
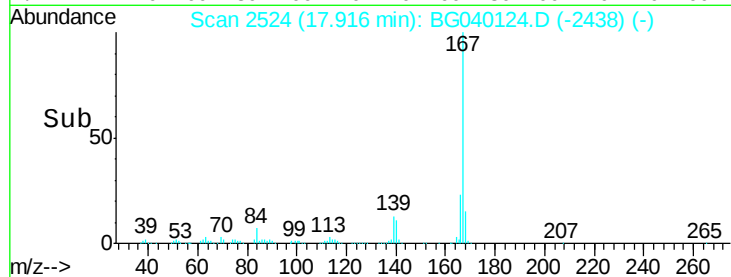
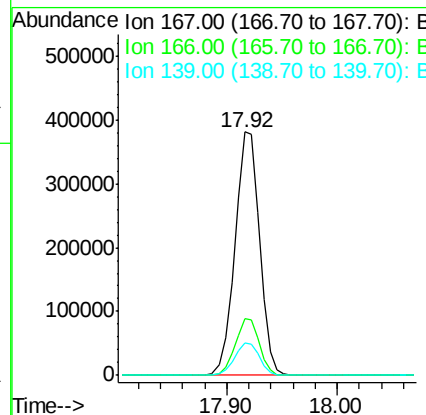
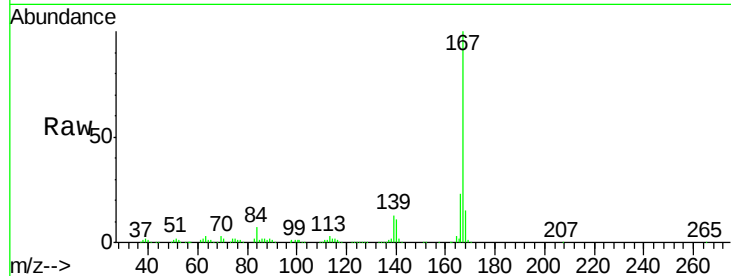
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	167	Resp:	596489
Ion Ratio		Lower	Upper
167	100		
166	23.3	19.4	29.2
139	13.3	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 44.747 ng

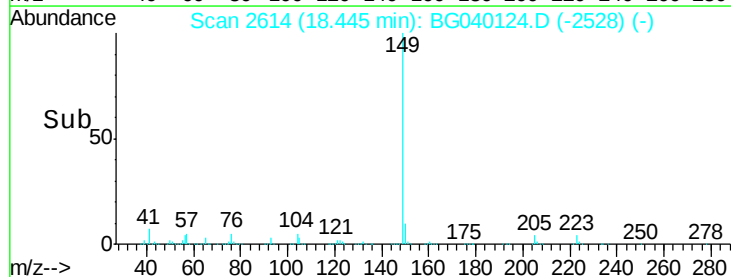
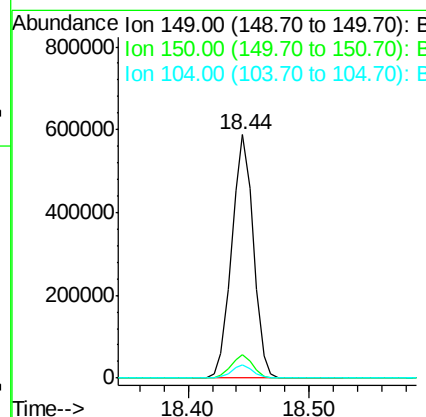
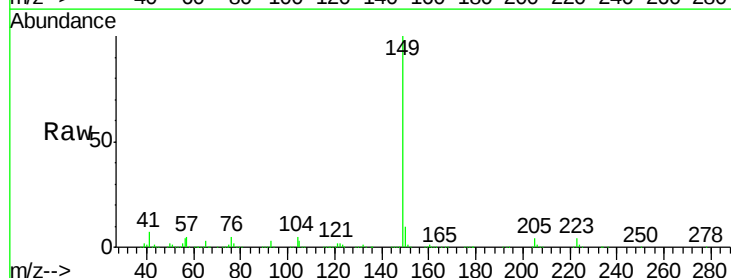
RT: 18.44 min Scan# 2614

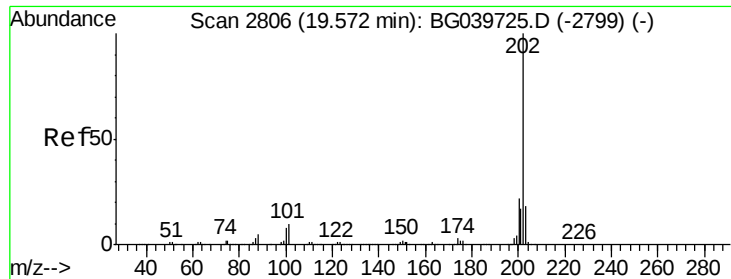
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	149	Resp:	729482
Ion Ratio		Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 43.064 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

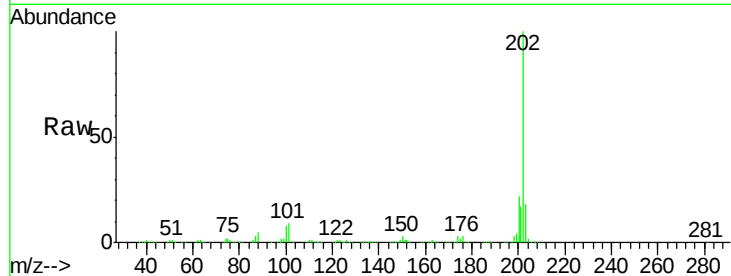
ClientSampleId :

S4B(2-10)MS

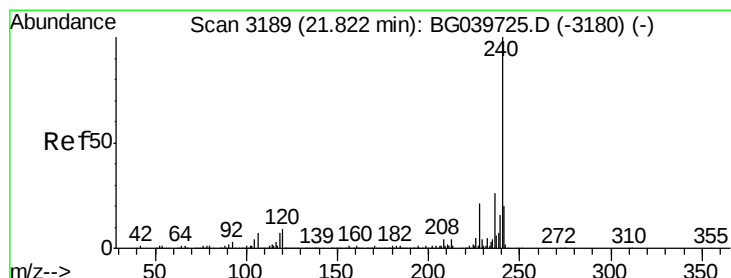
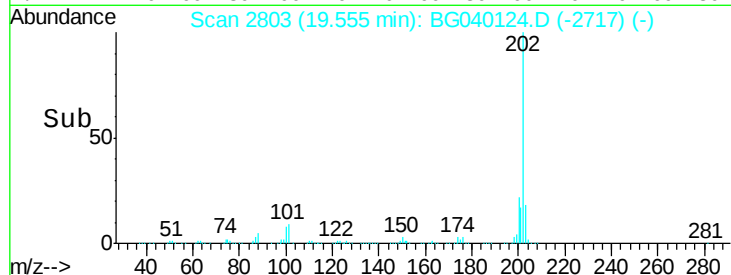
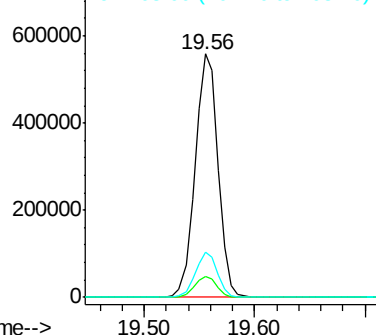
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		802686		
101	8.6	0.0	30.0		
203	18.5	0.0	38.9		

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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

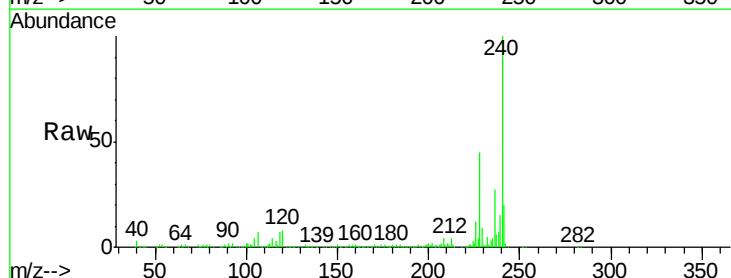
RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

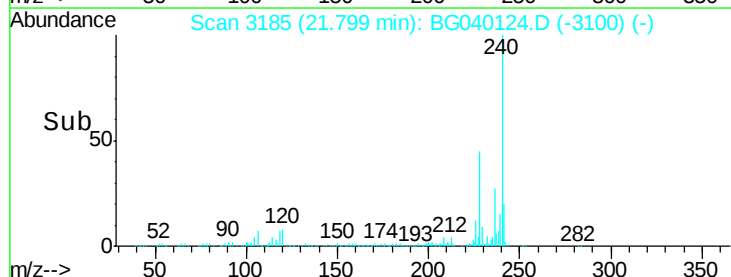
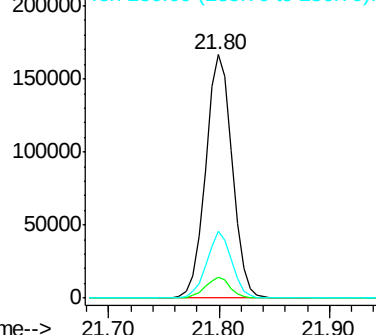
Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		281590		
120	8.4	7.0	10.6		
236	27.4	21.0	31.4		



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





#77

Benzidine

Concen: 1.634 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

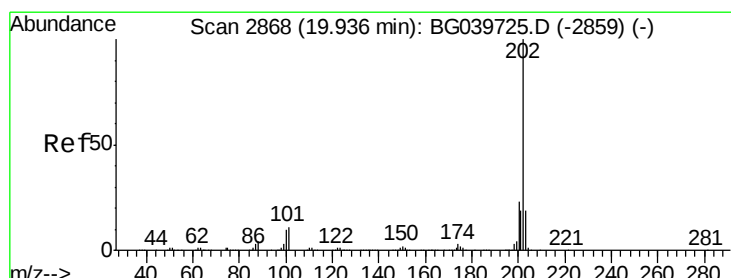
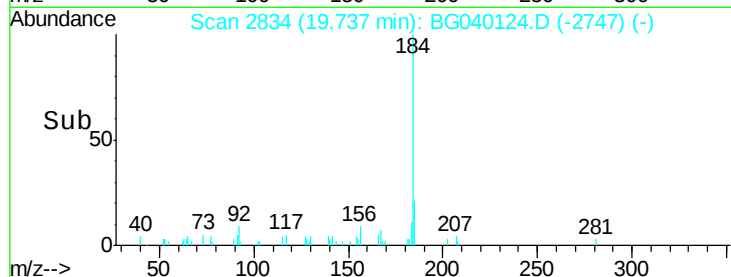
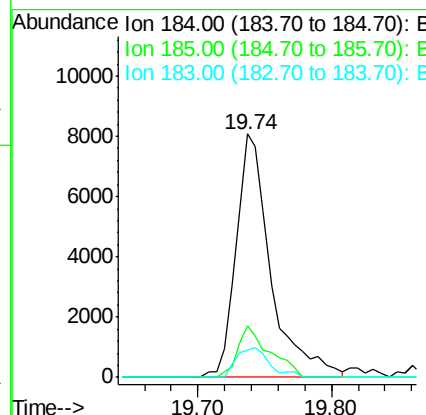
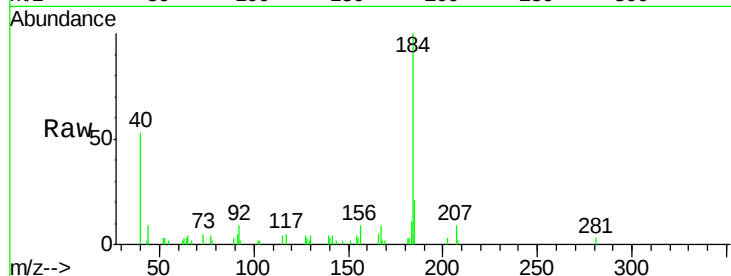
ClientSampleId :

S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.2	12.2	18.2#
183	11.2	10.6	15.8

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#78

Pyrene

Concen: 44.466 ng

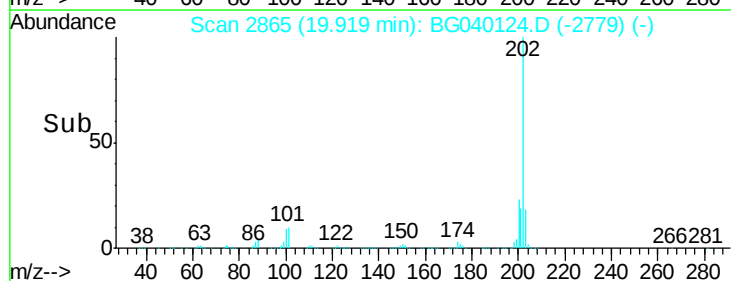
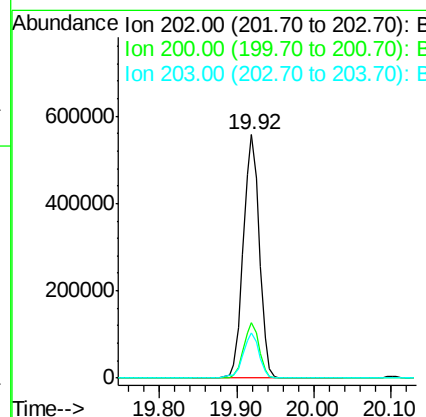
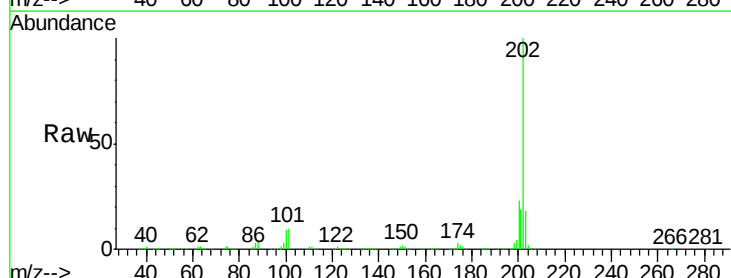
RT: 19.92 min Scan# 2865

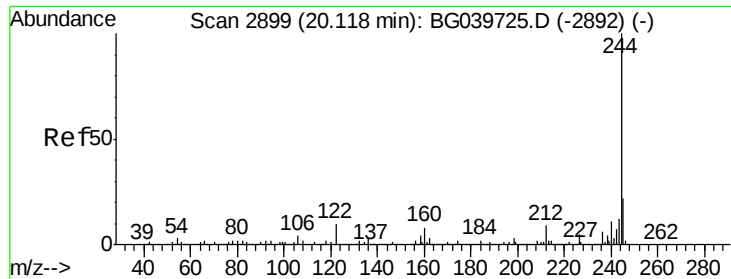
Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.8
203	18.4	15.3	22.9





#79

Terphenyl-d14

Concen: 88.070 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

ClientSampled :

S4B(2-10)MS

Tgt Ion:244 Resp: 1126338

Ion Ratio Lower Upper

244 100

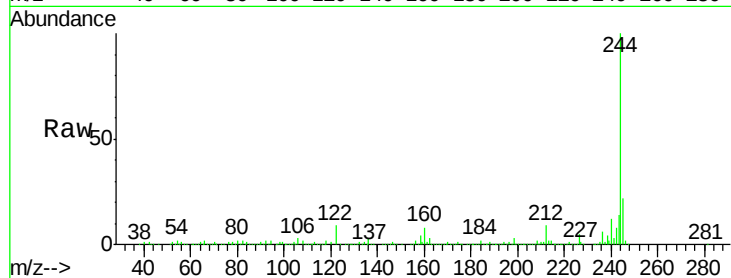
212 9.3 7.3 10.9

122 8.6 8.4 12.6

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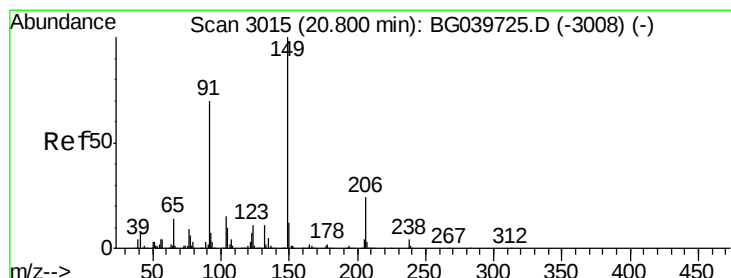
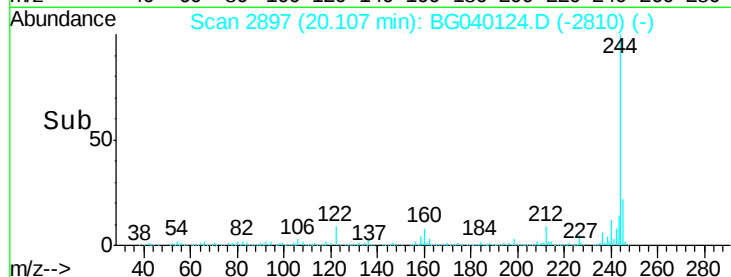
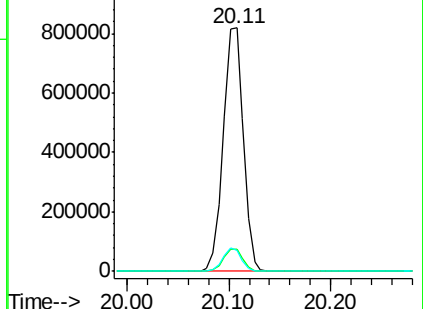
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.790 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

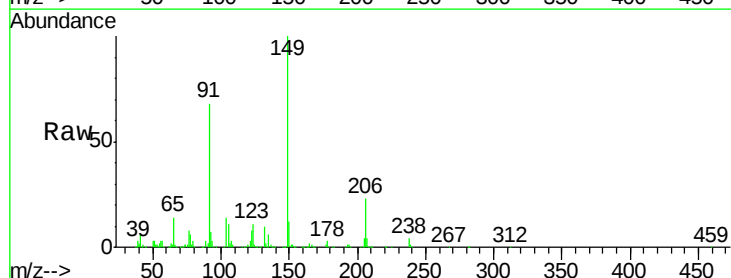
Tgt Ion:149 Resp: 331695

Ion Ratio Lower Upper

149 100

91 67.7 59.5 89.3

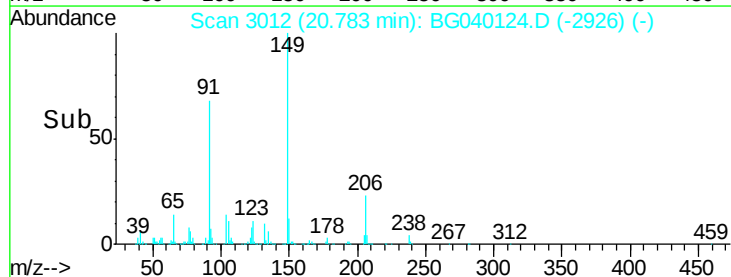
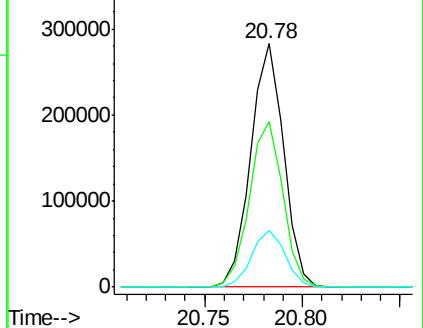
206 23.4 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





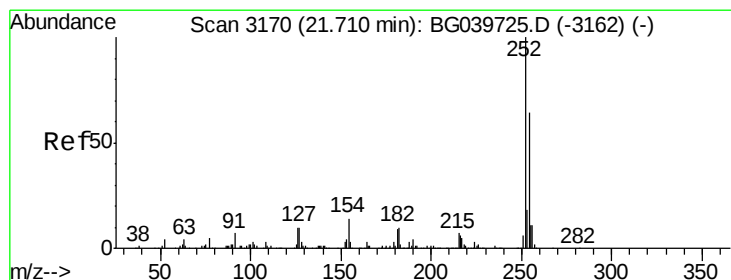
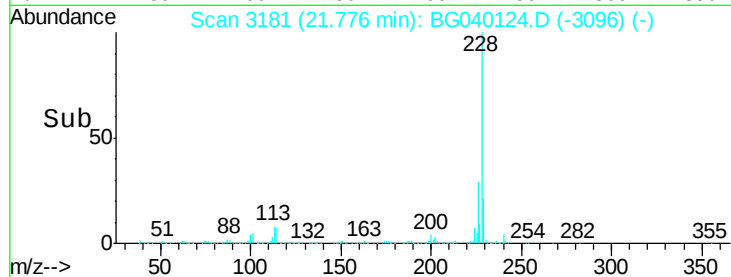
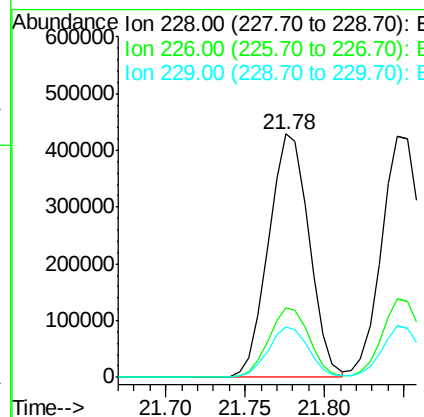
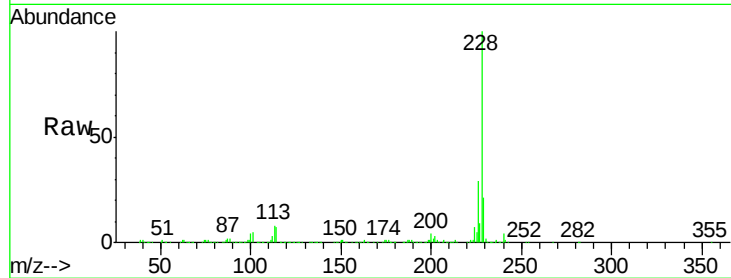
#81
Benzo(a)anthracene
Concen: 43.369 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	20.8	16.9	25.3

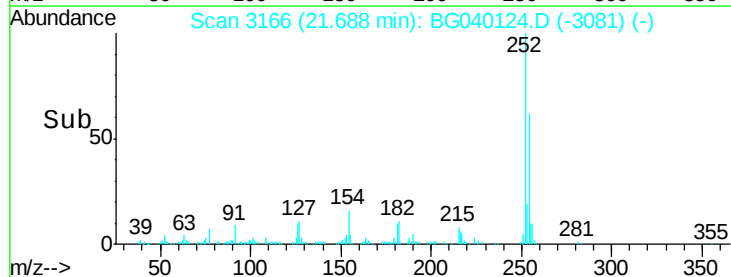
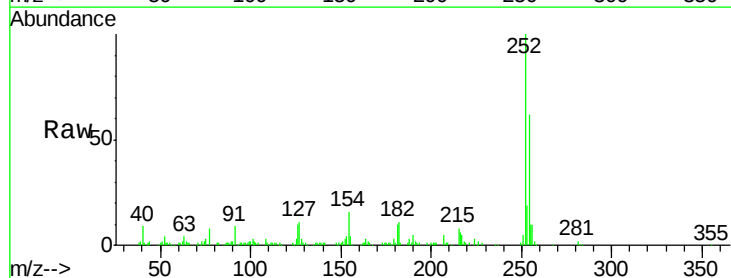
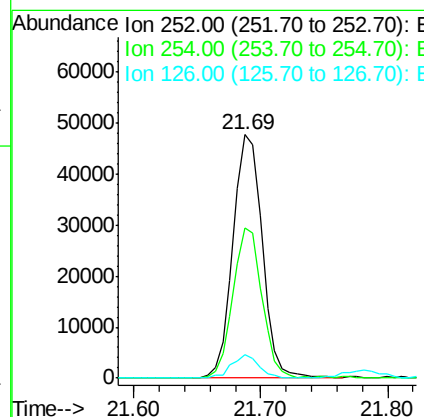
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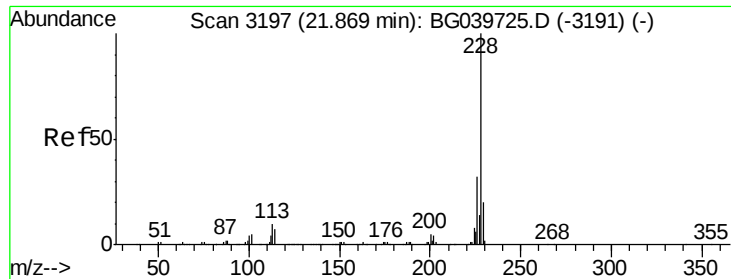
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#82
3,3'-Dichlorobenzidine
Concen: 11.845 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.3	76.9
126	9.9	8.0	12.0





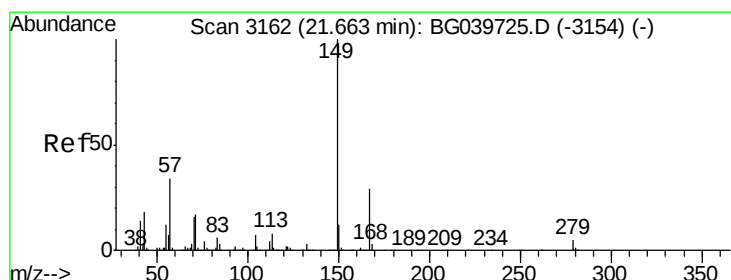
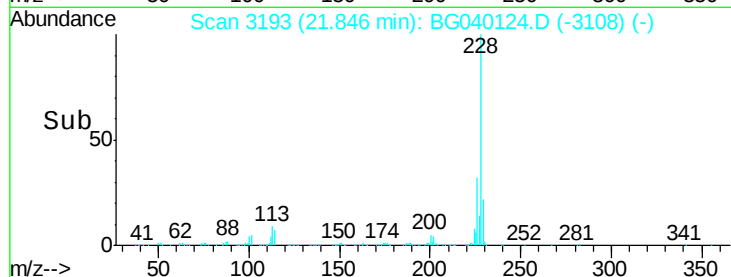
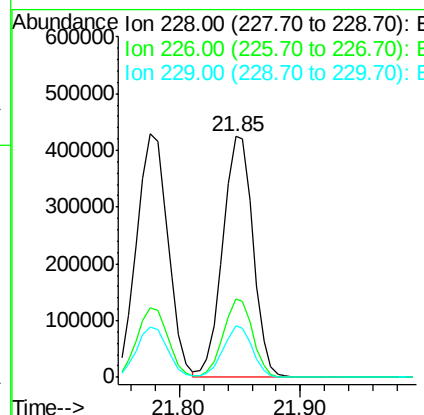
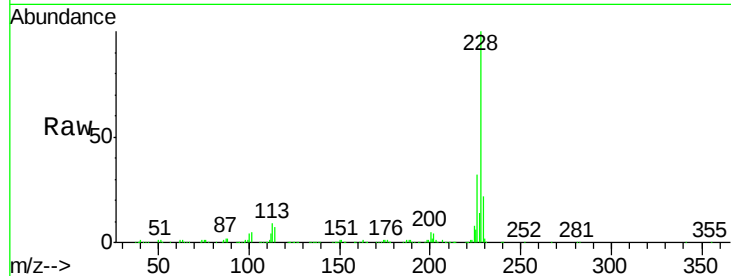
#83
Chrysene
Concen: 42.981 ng
RT: 21.85 min Scan# 3193
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	735374		
226	32.5	25.8	38.6	
229	21.5	16.6	25.0	

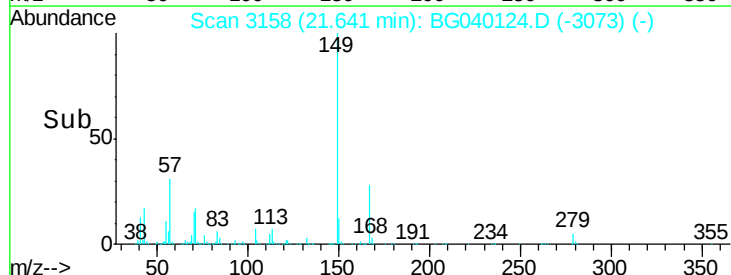
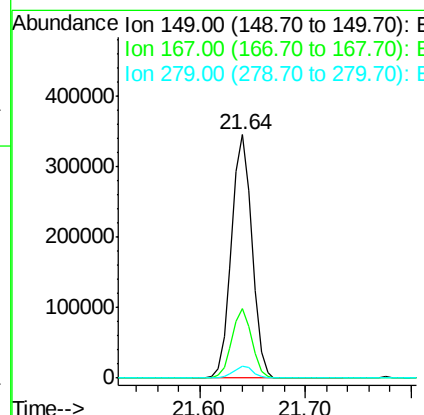
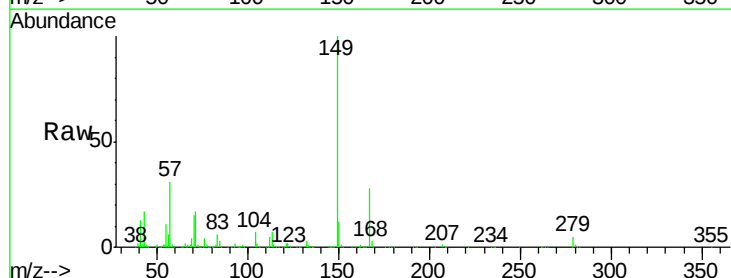
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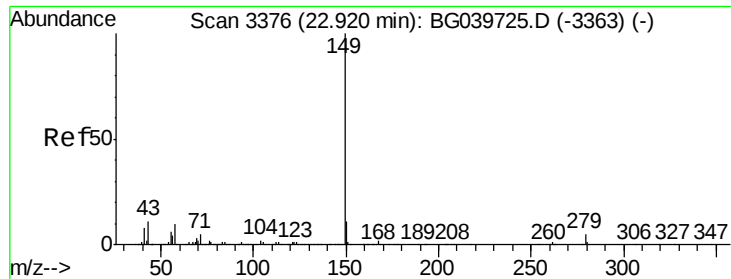
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.216 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	460397		
167	28.4	22.6	34.0	
279	5.1	3.5	5.3	





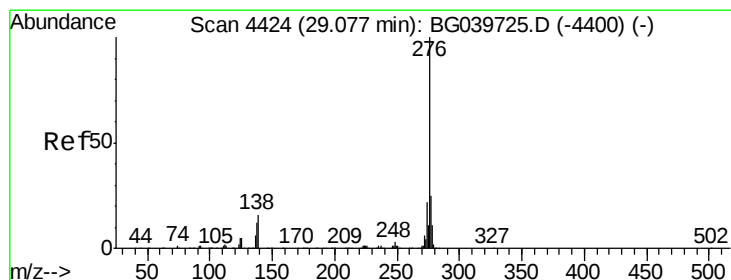
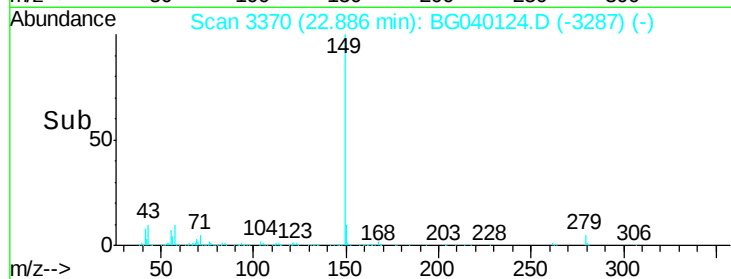
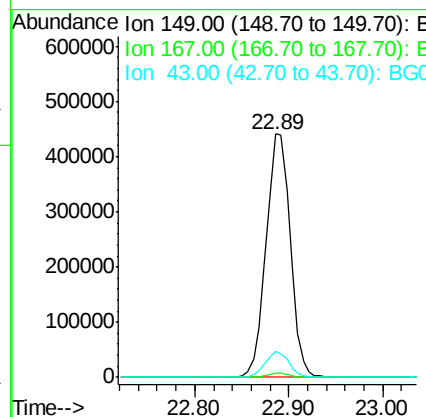
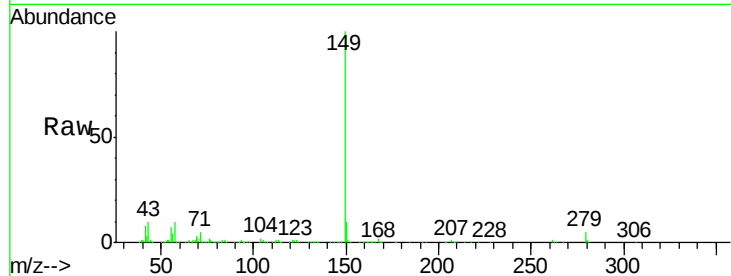
#85
Di-n-octyl phthalate
Concen: 47.654 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	10.3	10.2	15.4

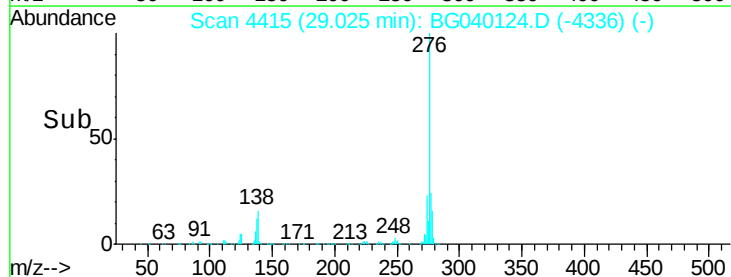
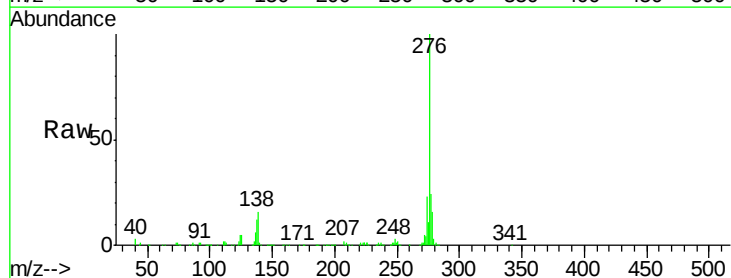
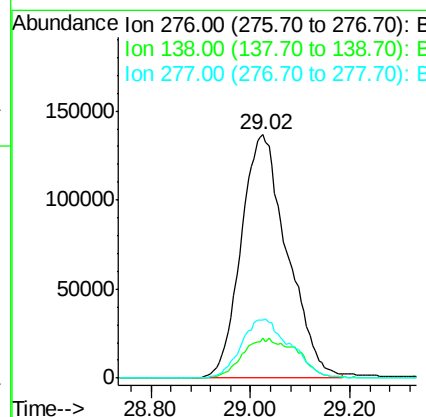
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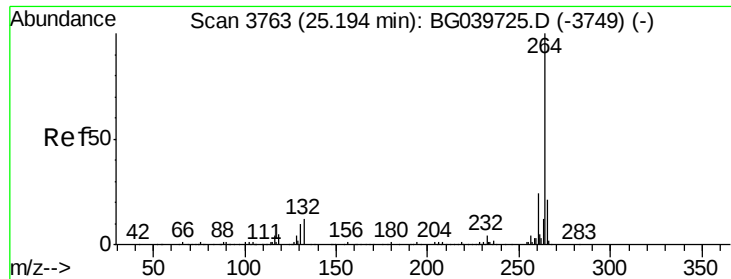
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.281 ng
RT: 29.02 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.5	12.6	19.0#
277	25.7	20.8	31.2





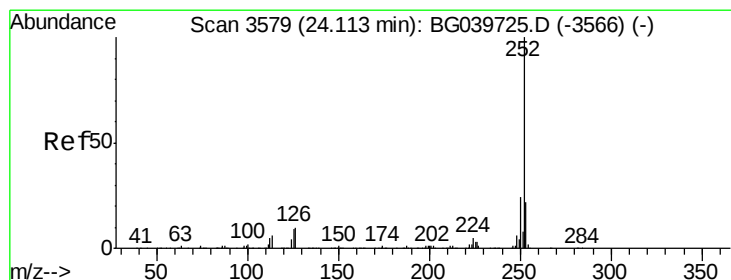
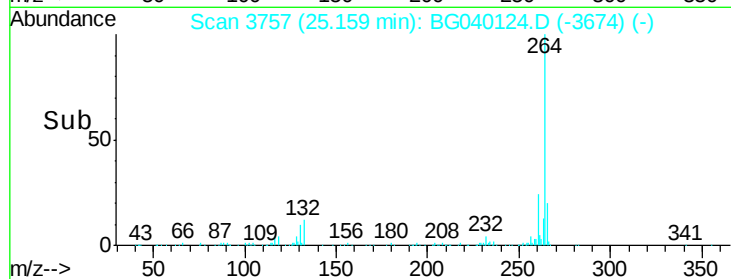
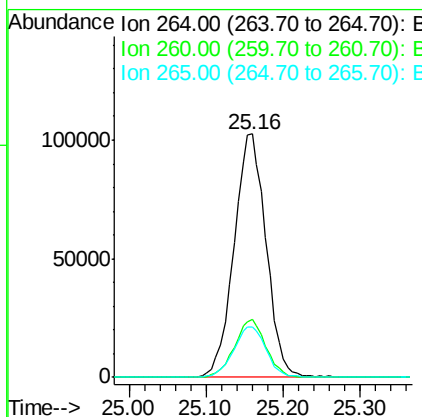
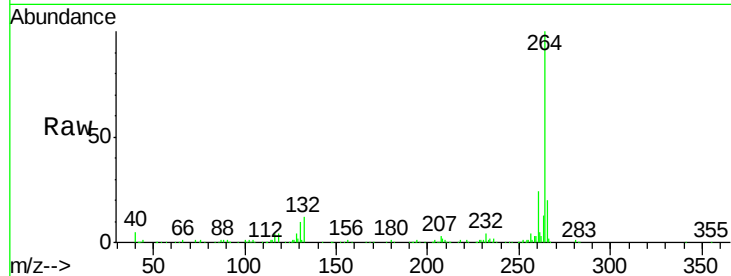
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampled :
S4B(2-10)MS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	297741		
260	23.7	18.2	27.4	
265	20.4	18.5	27.7	

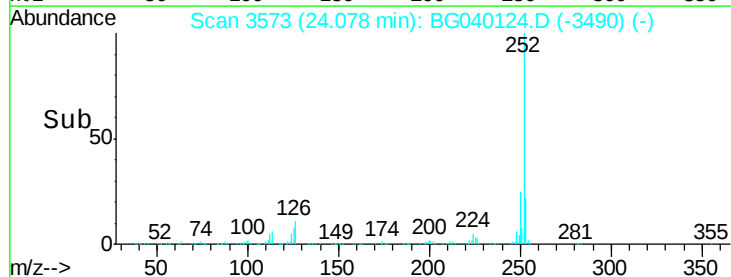
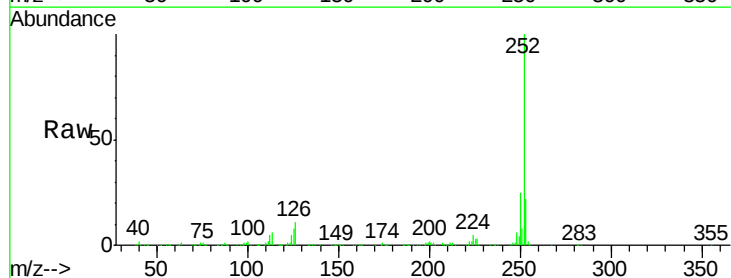
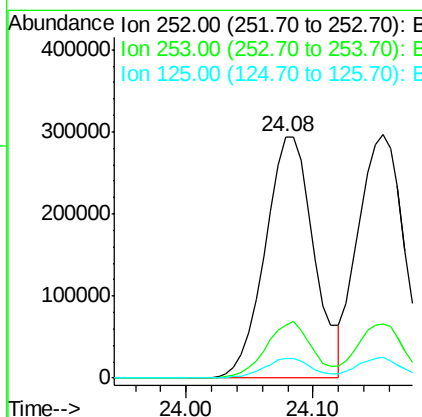
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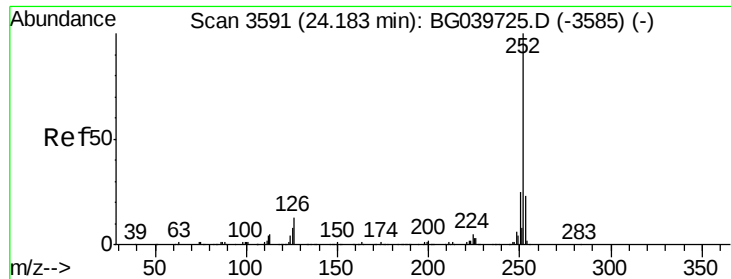
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#88
Benzo(b)fluoranthene
Concen: 44.350 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	787425		
253	22.1	17.8	26.8	
125	8.3	7.8	11.6	





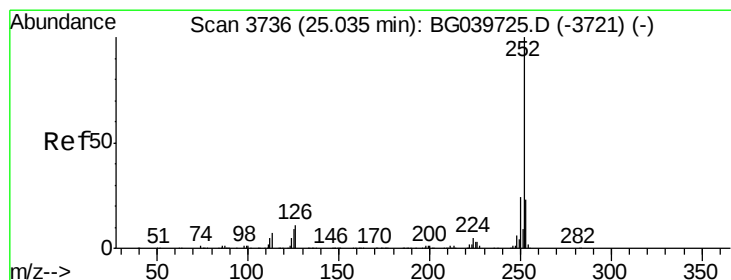
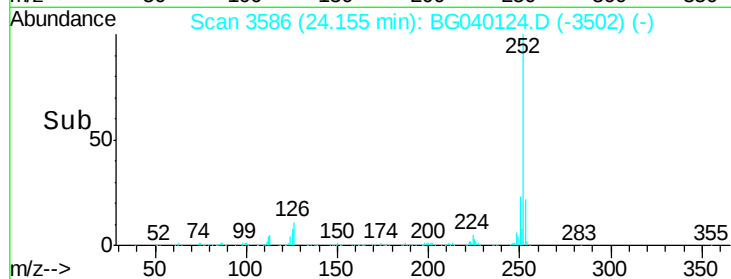
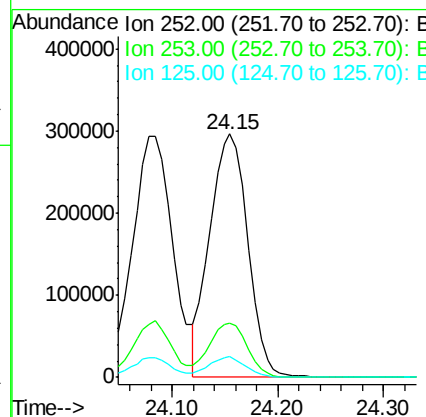
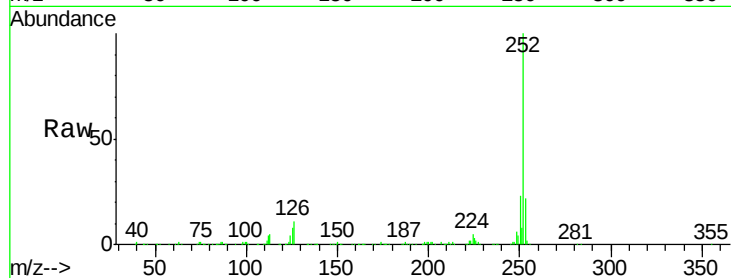
#89
Benzo(k)fluoranthene
Concen: 44.679 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.3	7.4	11.2

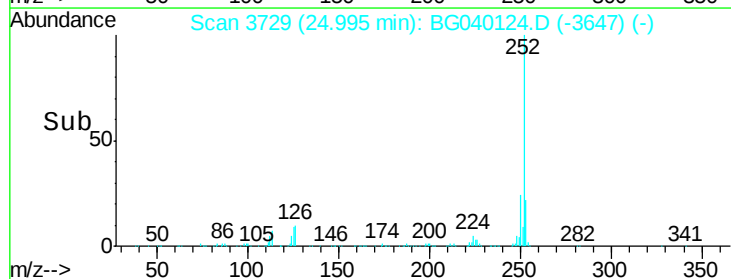
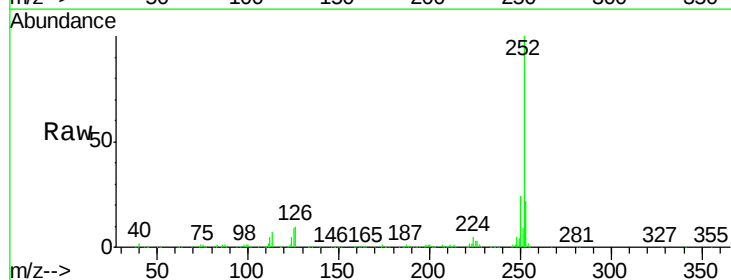
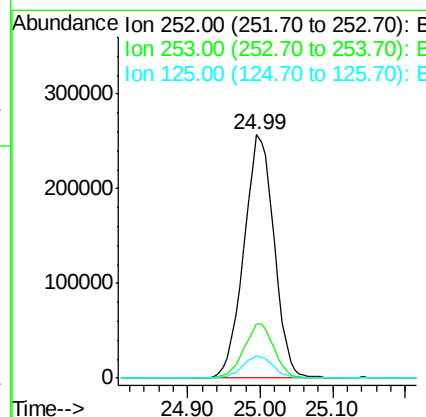
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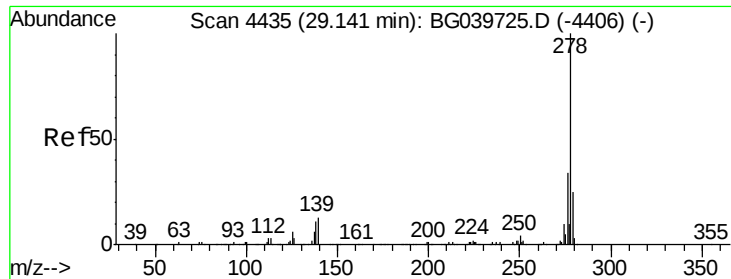
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#90
Benzo(a)pyrene
Concen: 45.300 ng
RT: 24.99 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040124.D
Acq: 25 Mar 2019 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.9	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.946 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.06 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Instrument :

BNA_G

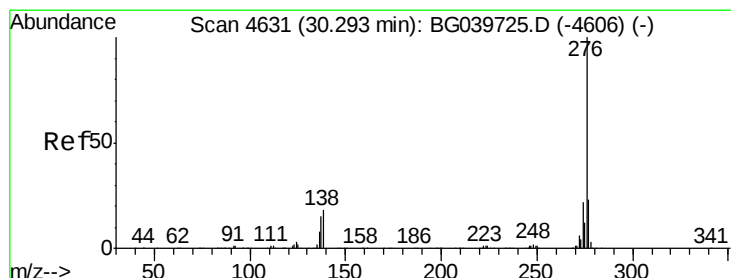
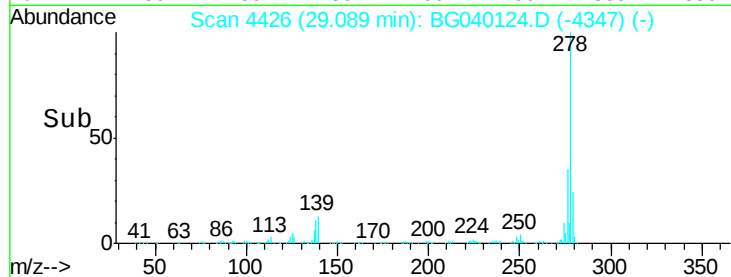
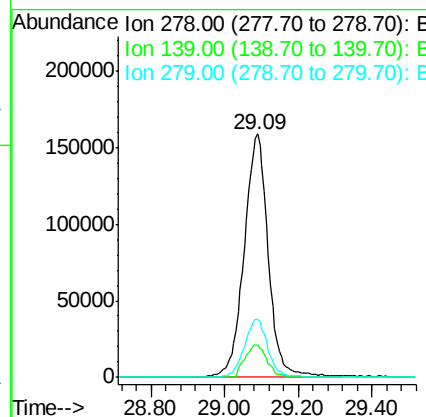
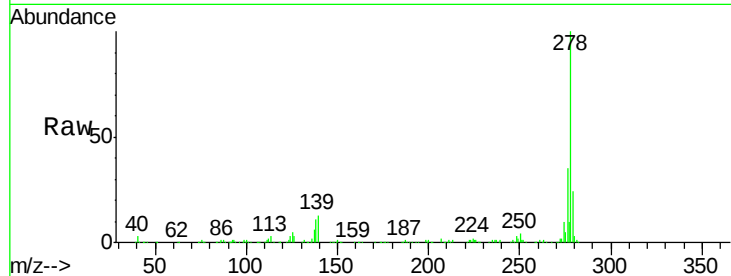
ClientSampleId :

S4B(2-10)MS

Tgt Ion:	278	Resp:	722921
Ion Ratio	Lower	Upper	
278	100		
139	13.1	11.7	17.5
279	23.8	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 45.182 ng

RT: 30.24 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040124.D

Acq: 25 Mar 2019 19:33

Tgt Ion:	276	Resp:	729853
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.6	29.4
138	16.6	14.7	22.1

