

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040058.D
 Acq On : 21 Mar 2019 7:07
 Operator : JU/SJ
 Sample : K1688-22MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Manual Integrations
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Sohil
 3/25/2019 4:17:12 PM

Quant Time: Mar 21 11:57:52 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	40420	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	177068	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	124002	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	294836	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	280967	20.00	ng	-0.03
87) Perylene-d12	25.15	264	289678	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	327766	138.34	ng	-0.02
7) Phenol-d6	7.30	99	430397	121.83	ng	-0.02
23) Nitrobenzene-d5	9.32	82	329307	100.58	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	216216	149.60	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	768255	88.21	ng	-0.02
79) Terphenyl-d14	20.11	244	1206981	94.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	30240	27.646	ng	# 1
3) Pyridine	4.00	79	88998	30.392	ng	95
4) n-Nitrosodimethylamine	3.90	42	50760	36.539	ng	# 90
6) Aniline	7.47	93	45979	9.934	ng	95
8) 2-Chlorophenol	7.71	128	129703	45.124	ng	96
9) Benzaldehyde	7.28	77	40423	17.739	ng	89
10) Phenol	7.32	94	145286	37.963	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	129515	43.405	ng	96
12) 1,3-Dichlorobenzene	8.03	146	129434	39.815	ng	98
13) 1,4-Dichlorobenzene	8.18	146	133075	40.188	ng	99
14) 1,2-Dichlorobenzene	8.50	146	130705	40.854	ng	98
15) Benzyl Alcohol	8.38	79	124556	44.447	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	243497	40.802	ng	98
17) 2-Methylphenol	8.58	107	109468	44.859	ng	98
18) Hexachloroethane	9.22	117	48193	40.562	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	105738	41.584	ng	95
20) 3+4-Methylphenols	8.91	107	153693	45.336	ng	97
22) Acetophenone	8.97	105	205768	43.297	ng	# 95
24) Nitrobenzene	9.36	77	162265	47.244	ng	98
25) Isophorone	9.88	82	320559	46.729	ng	99
26) 2-Nitrophenol	10.08	139	79090	47.694	ng	98
27) 2,4-Dimethylphenol	10.12	122	133288	51.680	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	189101	45.361	ng	96
29) 2,4-Dichlorophenol	10.60	162	151399	52.139	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	148524	45.455	ng	98
31) Naphthalene	11.02	128	427505	45.601	ng	99
32) Benzoic acid	10.22	122	22894	17.750	ng	97
33) 4-Chloroaniline	11.13	127	8256	2.077	ng	# 94
34) Hexachlorobutadiene	11.27	225	94953	42.526	ng	95
35) Caprolactam	11.91	113	35730m	32.212	ng	
36) 4-Chloro-3-methylphenol	12.23	107	159241	47.839	ng	97
37) 2-Methylnaphthalene	12.61	142	326750	46.618	ng	98
38) 1-Methylnaphthalene	12.82	142	316764	46.505	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	184009	43.803	ng	99

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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	208774	92.736	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	127105	51.681	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	134085	48.368	ng	98
46) 1,1'-Biphenyl	13.61	154	452137	44.332	ng	99
47) 2-Chloronaphthalene	13.65	162	348148	45.375	ng	98
48) 2-Nitroaniline	13.86	65	118342	47.995	ng	94
49) Acenaphthylene	14.50	152	557674	44.276	ng	99
50) Dimethylphthalate	14.22	163	468161	45.150	ng	99
51) 2,6-Dinitrotoluene	14.35	165	106232	48.328	ng	93
52) Acenaphthene	14.83	154	341113	44.997	ng	96
53) 3-Nitroaniline	14.69	138	14481	6.554	ng #	88
54) 2,4-Dinitrophenol	14.89	184	39775	32.064	ng	97
55) Dibenzofuran	15.17	168	561050	45.108	ng	98
56) 4-Nitrophenol	14.99	139	140823	71.243	ng	92
57) 2,4-Dinitrotoluene	15.13	165	149852	48.517	ng	88
58) Fluorene	15.81	166	440269	45.027	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	137724	50.869	ng	98
60) Diethylphthalate	15.57	149	474956	46.272	ng	97
61) 4-Chlorophenyl-phenylether	15.80	204	236533	45.333	ng	98
62) 4-Nitroaniline	15.85	138	100530	41.966	ng	93
63) Azobenzene	16.09	77	426491	45.837	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	43947	25.210	ng	96
66) n-Nitrosodiphenylamine	16.02	169	404044	47.336	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	155456	47.105	ng	95
68) Hexachlorobenzene	16.81	284	157861	46.146	ng	96
69) Atrazine	16.95	200	160378	47.742	ng	96
70) Pentachlorophenol	17.15	266	143515	66.428	ng	96
71) Phenanthrene	17.56	178	739100	45.511	ng	99
72) Anthracene	17.65	178	746113	47.146	ng	98
73) Carbazole	17.92	167	649715	45.540	ng	99
74) Di-n-butylphthalate	18.45	149	792676	47.222	ng	99
75) Fluoranthene	19.56	202	861191	44.871	ng	99
77) Benzidine	19.74	184	61051	6.847	ng	97
78) Pyrene	19.92	202	863187	47.279	ng	98
80) Butylbenzylphthalate	20.78	149	361552	51.114	ng	95
81) Benzo(a)anthracene	21.78	228	808316	45.904	ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	76978	11.974	ng	96
83) Chrysene	21.85	228	780071	45.695	ng	100
84) Bis(2-ethylhexyl)phthalate	21.64	149	507518	51.059	ng	99
85) Di-n-octyl phthalate	22.89	149	856381	52.034	ng	95
86) Indeno(1,2,3-cd)pyrene	29.03	276	933615	48.207	ng	99
88) Benzo(b)fluoranthene	24.09	252	819738	47.455	ng	97
89) Benzo(k)fluoranthene	24.16	252	776092	48.266	ng	100
90) Benzo(a)pyrene	25.00	252	788660	49.408	ng	98
91) Dibenzo(a,h)anthracene	29.08	278	752032	48.057	ng	99
92) Benzo(g,h,i)perylene	30.24	276	766763	48.788	ng	99

(#) = 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: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

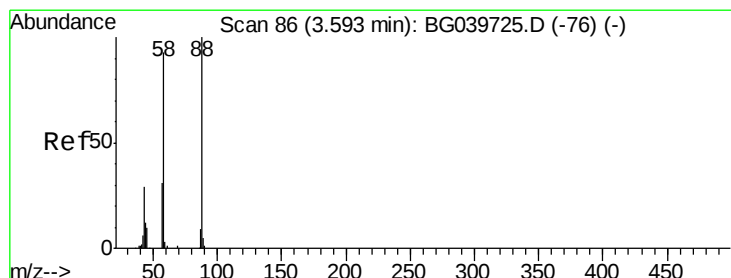
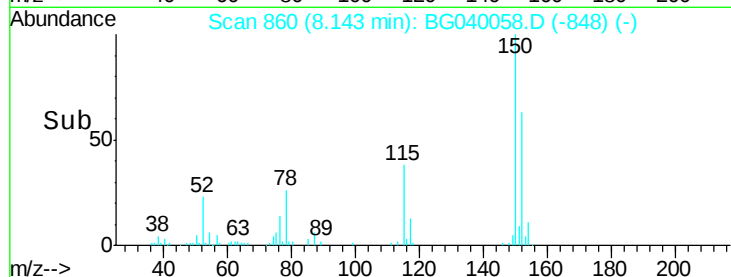
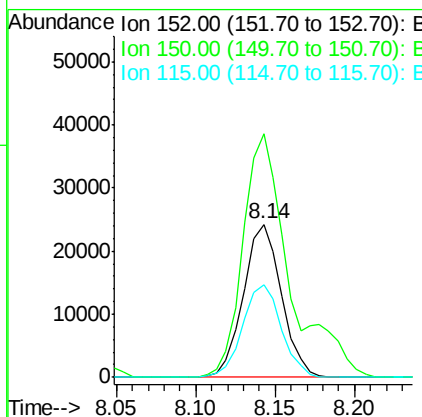
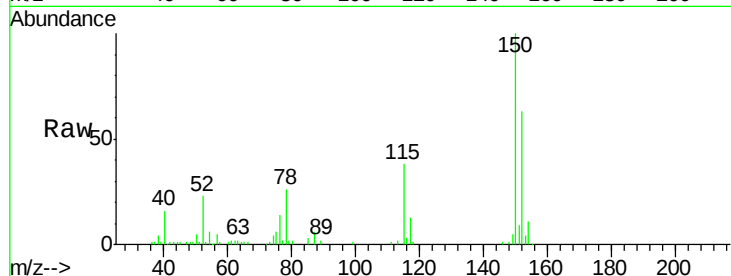
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	152	Resp:	40420
Ion Ratio	Lower	Upper	
152	100		
150	159.0	123.7	185.5
115	60.7	45.9	68.9

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#2

1,4-Dioxane

Concen: 27.646 ng

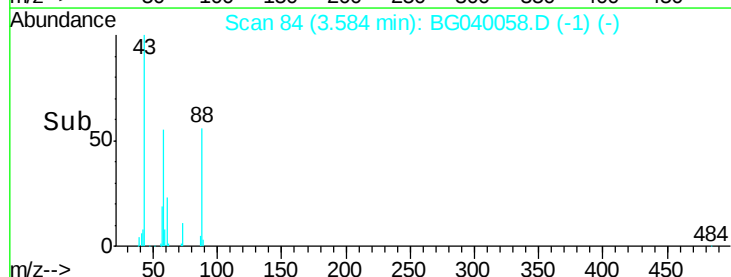
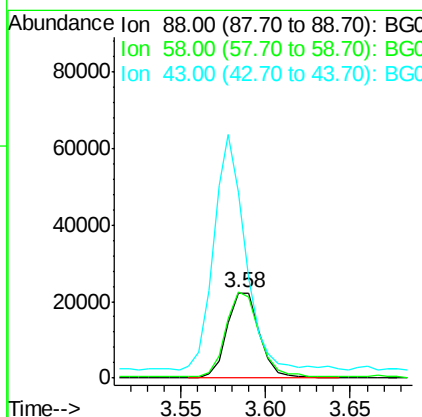
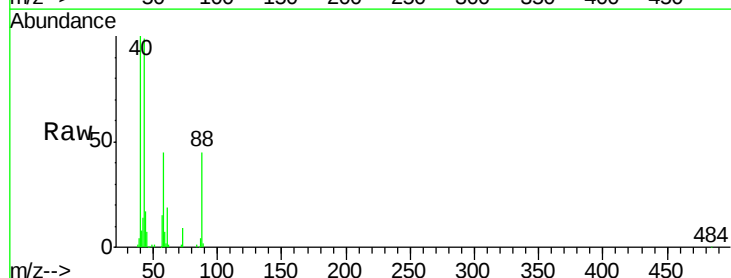
RT: 3.58 min Scan# 84

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	88	Resp:	30240
Ion Ratio	Lower	Upper	
88	100		
58	99.8	81.1	121.7
43	264.8	31.4	47.0#





#3

Pyridine

Concen: 30.392 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

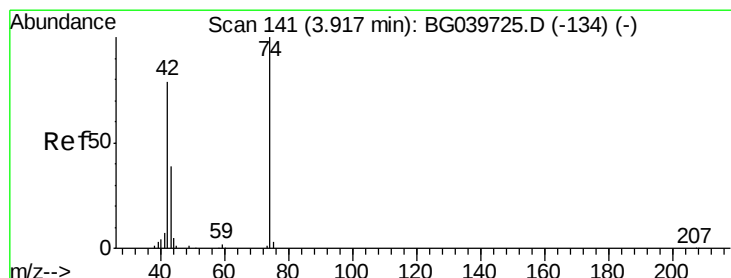
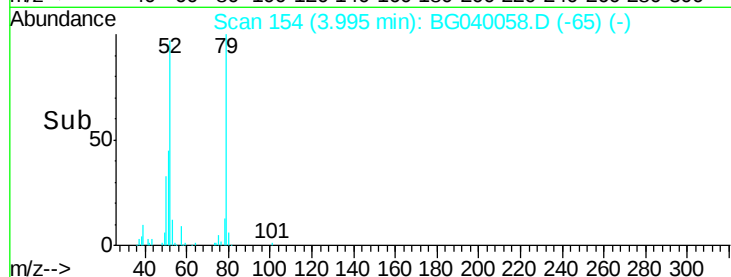
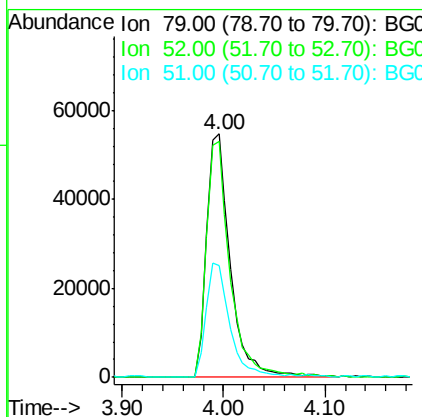
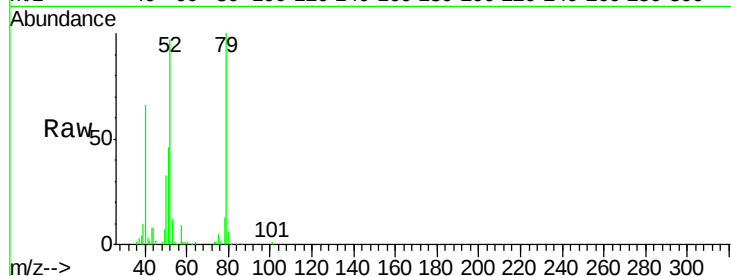
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	79	Resp:	88998
Ion Ratio	Lower	Upper	
79	100		
52	96.8	82.6	124.0
51	45.8	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.539 ng

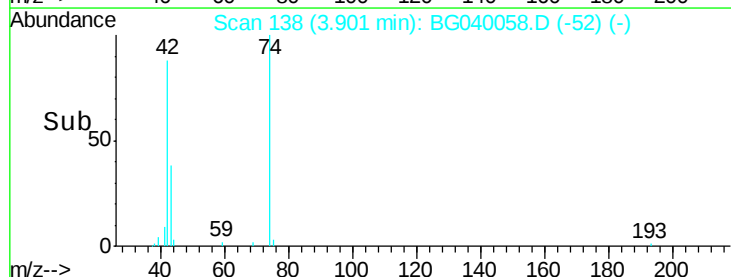
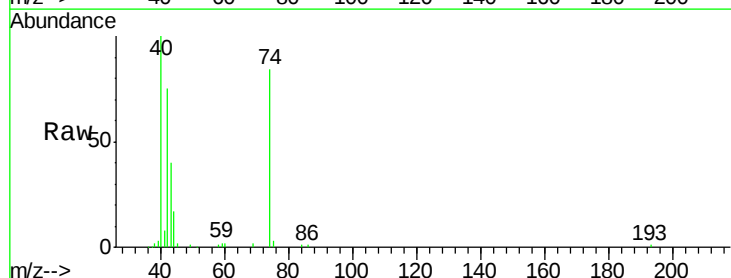
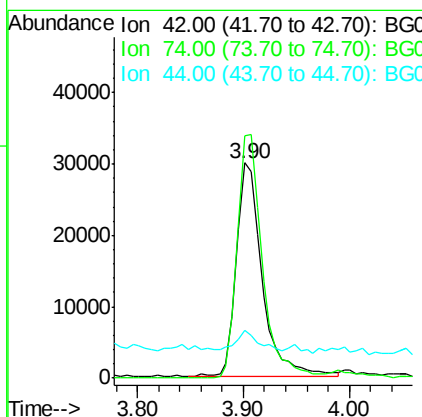
RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	42	Resp:	50760
Ion Ratio	Lower	Upper	
42	100		
74	112.6	83.6	125.4
44	22.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 138.340 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

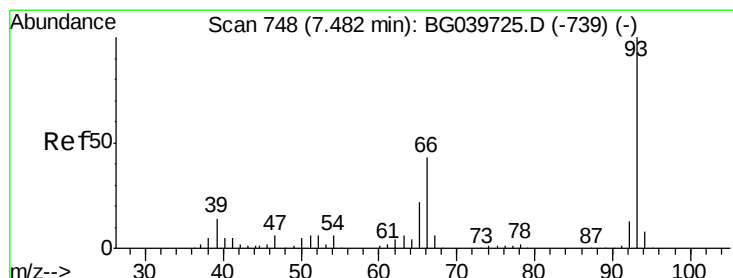
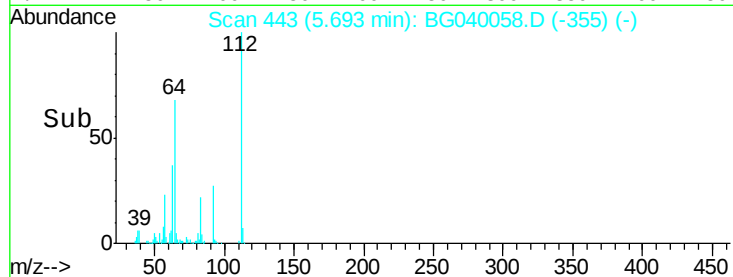
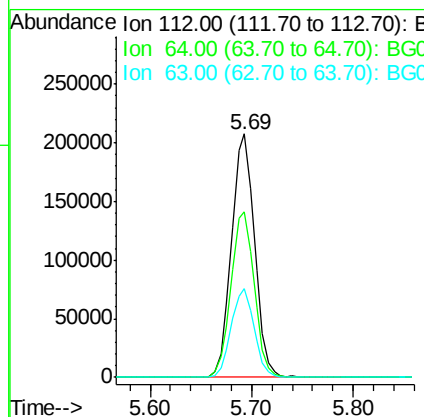
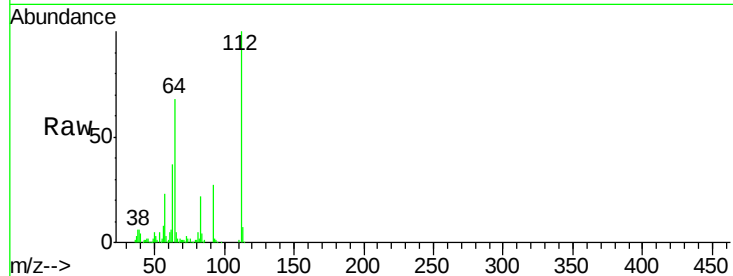
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	112	Resp:	327766
Ion Ratio	Lower	Upper	
112	100		
64	67.9	57.8	86.8
63	36.6	29.8	44.6

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#6

Aniline

Concen: 9.934 ng

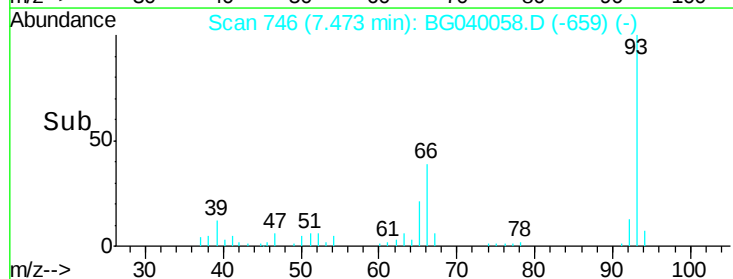
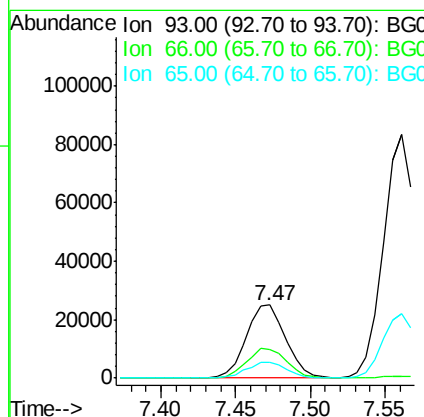
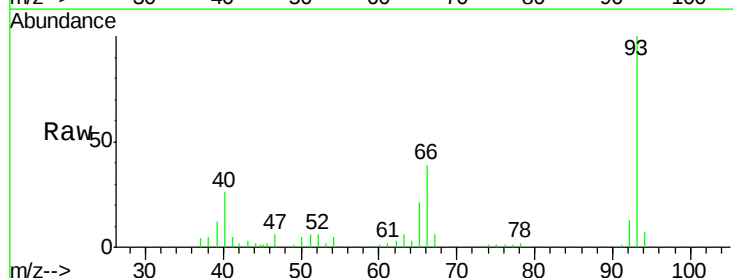
RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	93	Resp:	45979
Ion Ratio	Lower	Upper	
93	100		
66	38.6	34.2	51.4
65	21.3	17.7	26.5





#7

Phenol-d6

Concen: 121.832 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

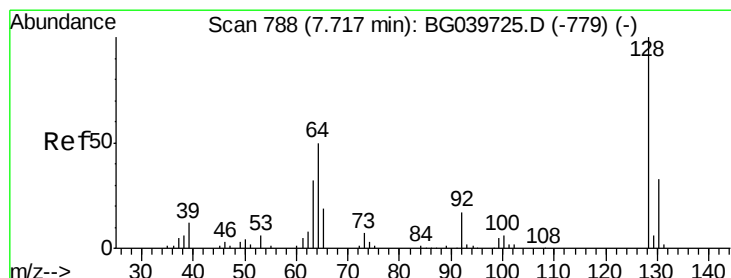
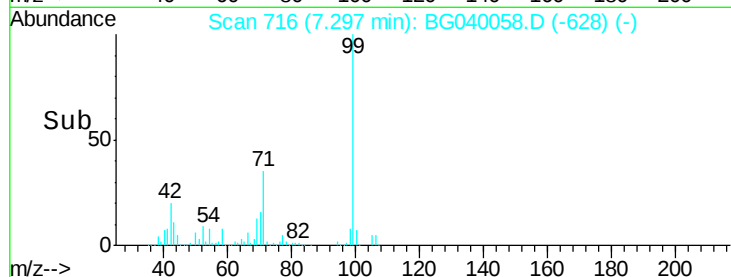
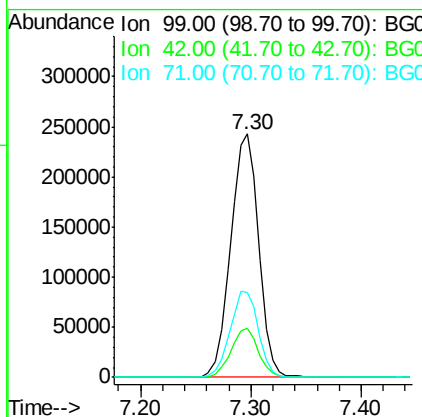
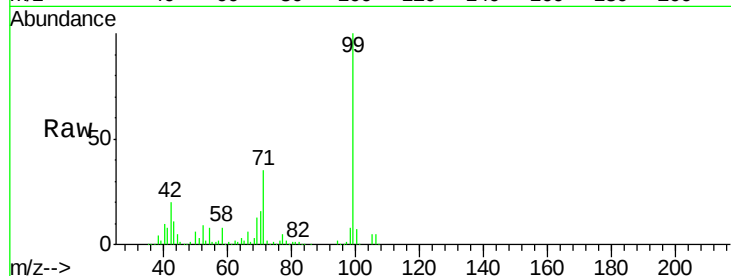
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	99	Resp:	430397
Ion Ratio	Lower	Upper	
99	100		
42	20.3	18.2	27.2
71	35.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 45.124 ng

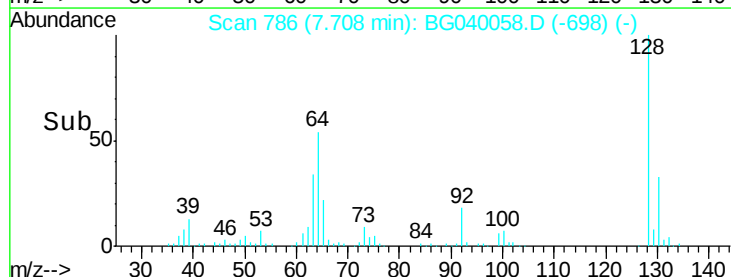
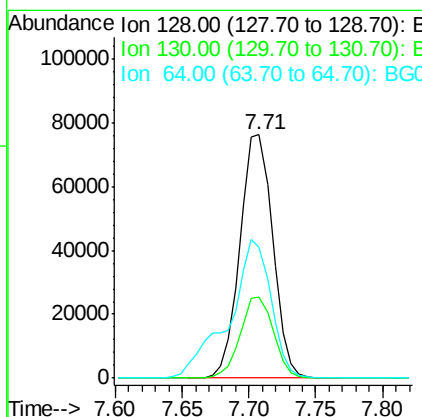
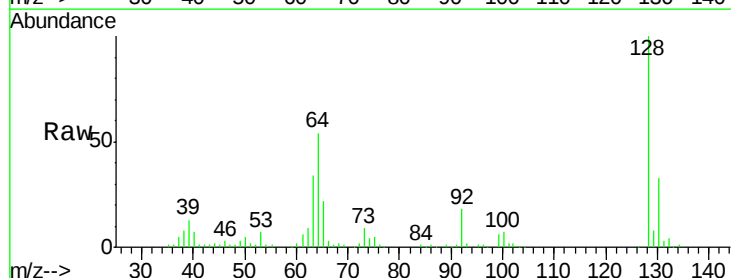
RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	128	Resp:	129703
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	54.0	38.7	78.7





#9

Benzaldehyde

Concen: 17.739 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040058.D

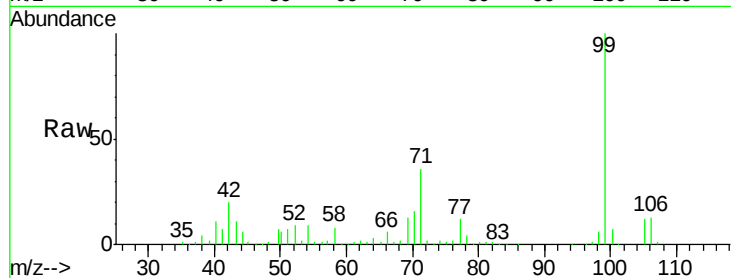
Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

ClientSampleId :

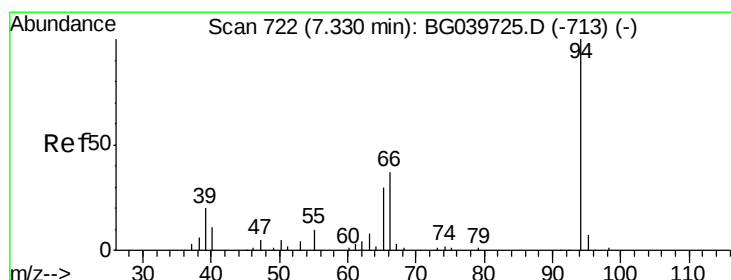
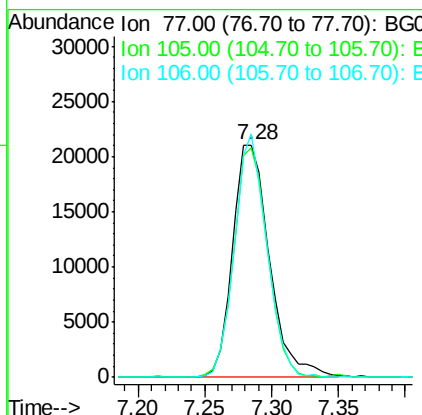
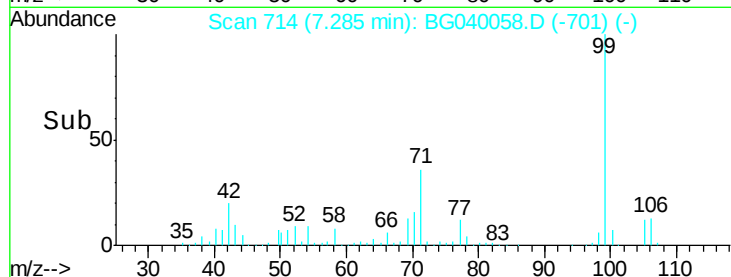
JC-02-031919-AMSD



Tgt Ion:	77	Resp:	40423
Ion	Ratio	Lower	Upper
77	100		
105	98.7	74.5	114.5
106	104.7	68.0	108.0

Manual Integrations
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#10

Phenol

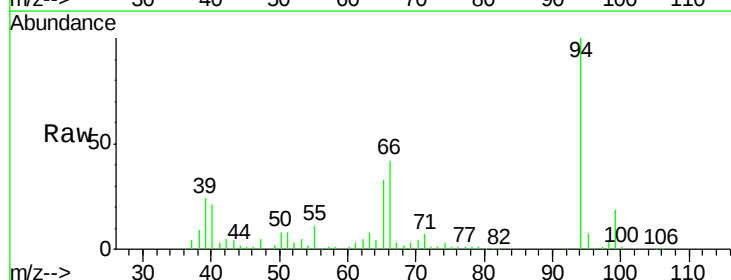
Concen: 37.963 ng

RT: 7.32 min Scan# 720

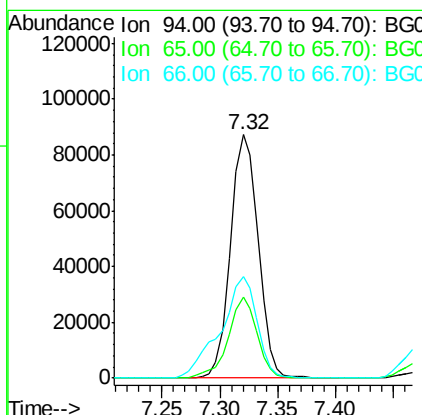
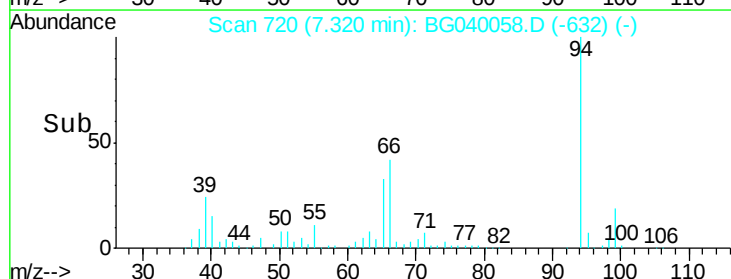
Delta R.T. -0.02 min

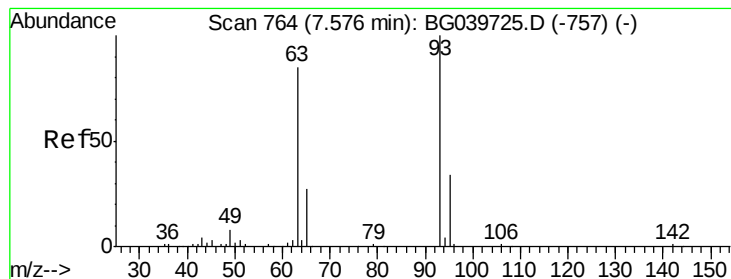
Lab File: BG040058.D

Acq: 21 Mar 2019 7:07



Tgt Ion:	94	Resp:	145286
Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.7	51.7
66	42.0	23.7	63.7





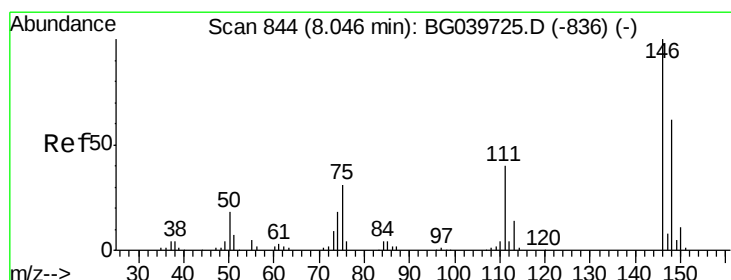
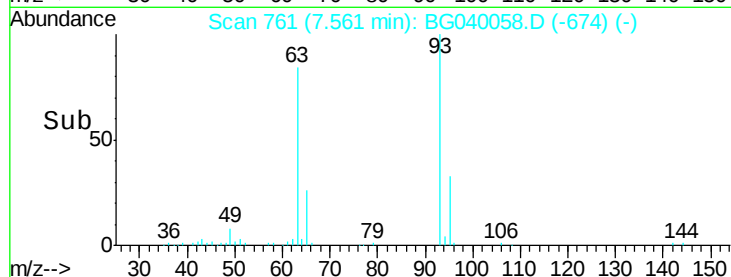
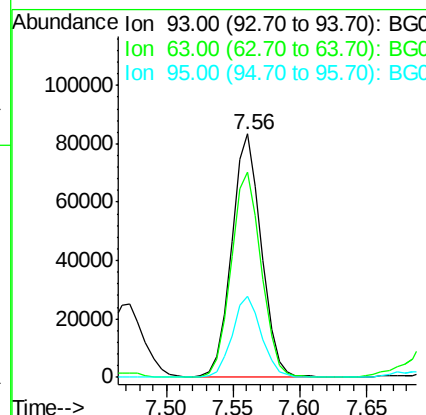
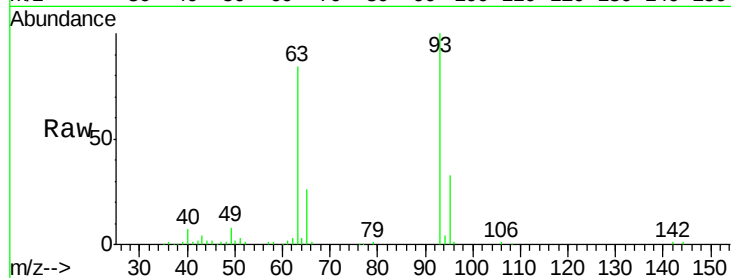
#11
bis(2-Chloroethyl)ether
Concen: 43.405 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	84.3	69.5	109.5
95	33.1	12.7	52.7

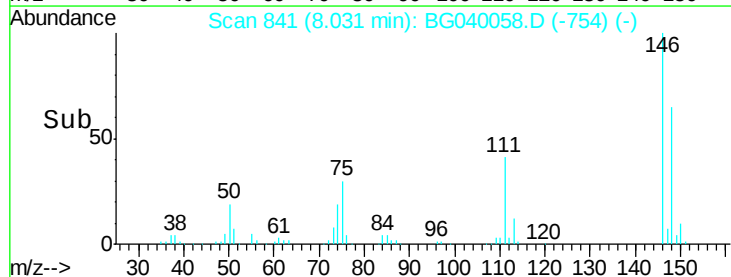
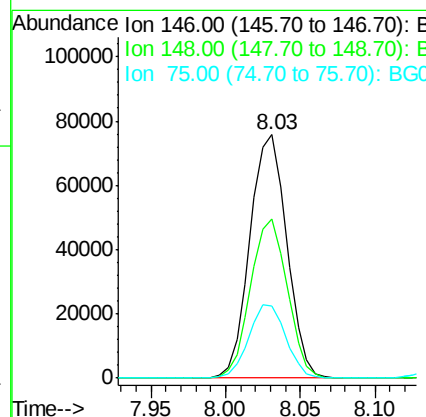
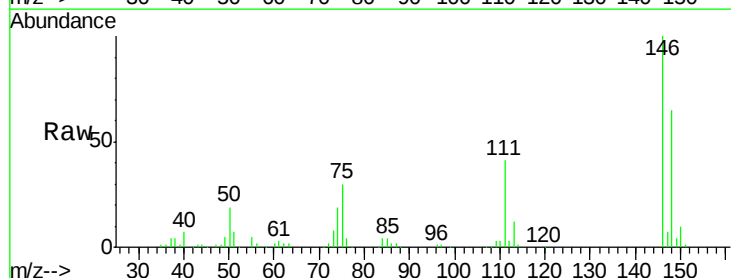
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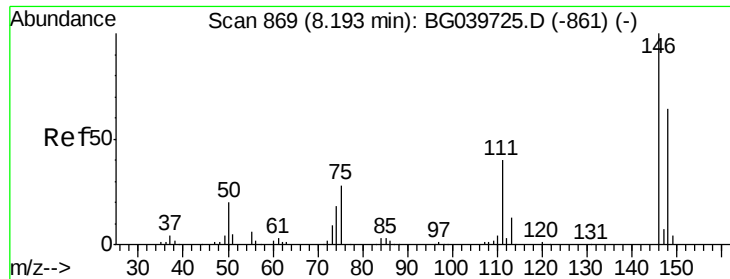
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#12
1,3-Dichlorobenzene
Concen: 39.815 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.4	52.6	79.0
75	29.7	25.8	38.6





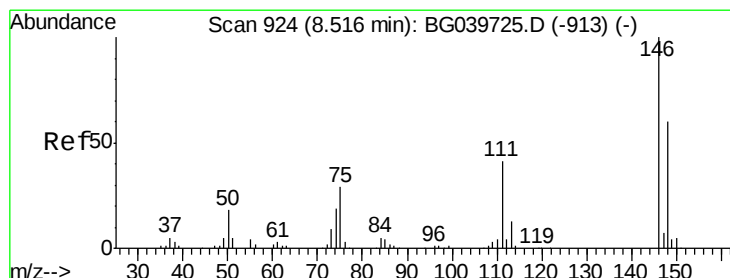
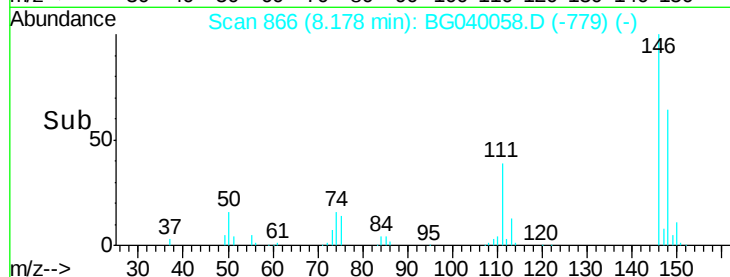
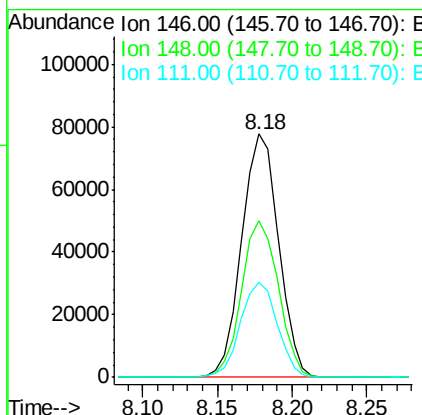
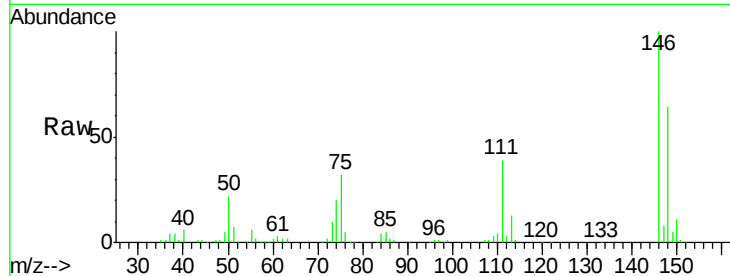
#13
 1,4-Dichlorobenzene
 Concen: 40.188 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	39.1	32.6	48.8

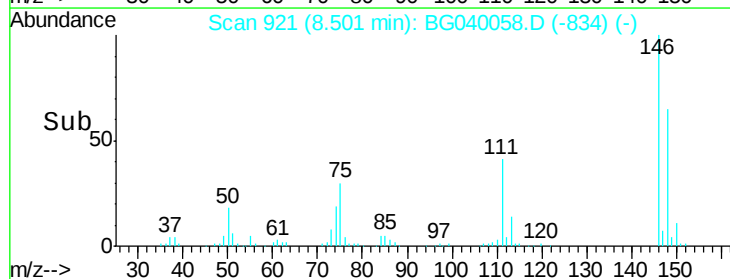
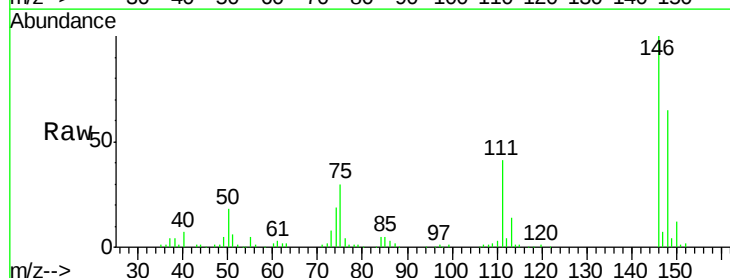
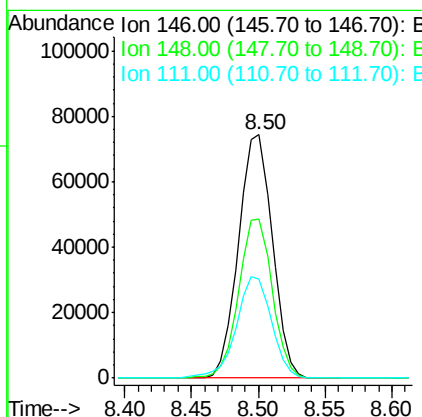
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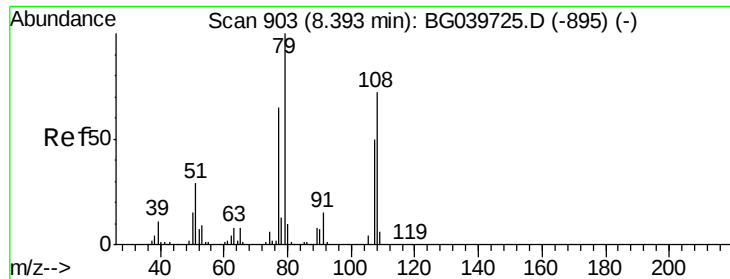
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.854 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.5	77.3
111	40.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 44.447 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

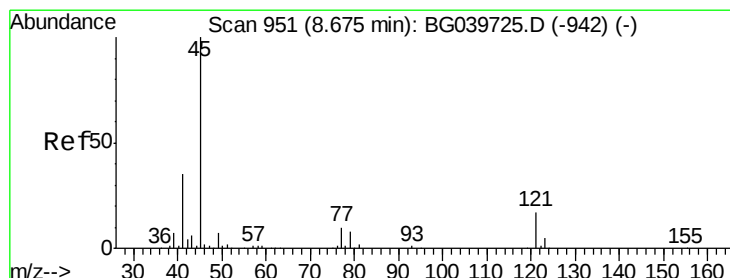
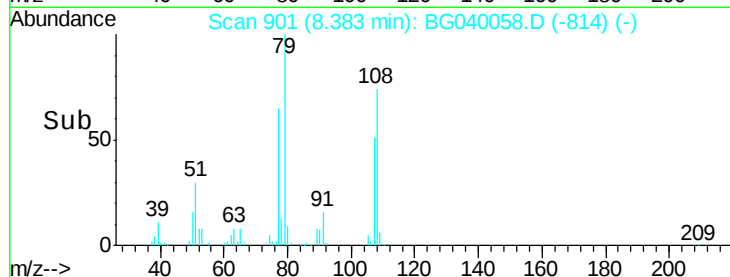
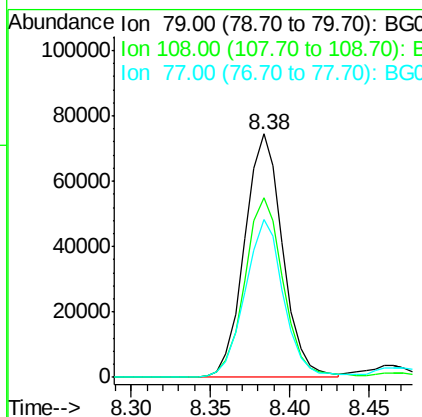
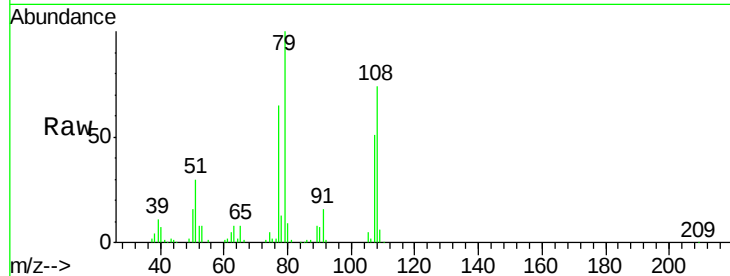
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	79	Resp:	124556
Ion Ratio	Lower	Upper	
79	100		
108	73.8	57.8	86.6
77	65.0	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.802 ng

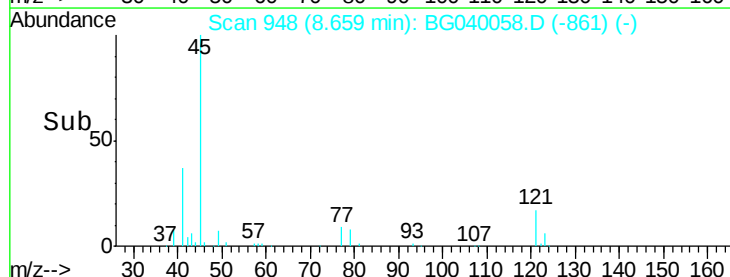
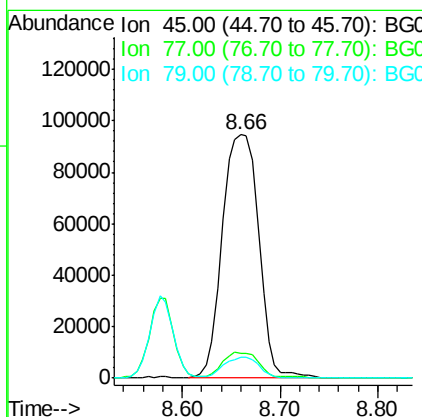
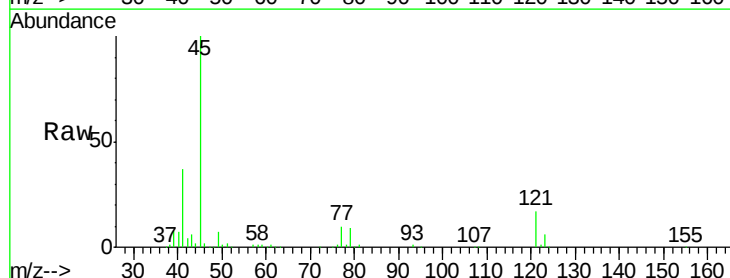
RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	45	Resp:	243497
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	30.0
79	8.5	0.0	27.5





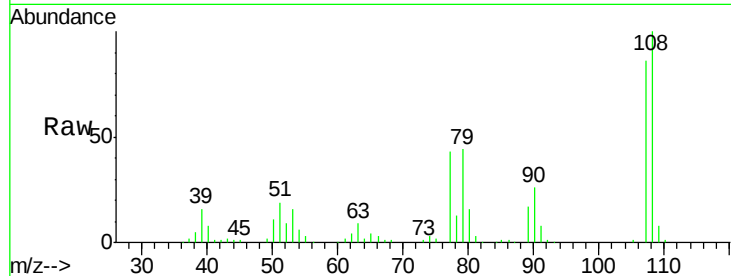
#17
2-Methylphenol
Concen: 44.859 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

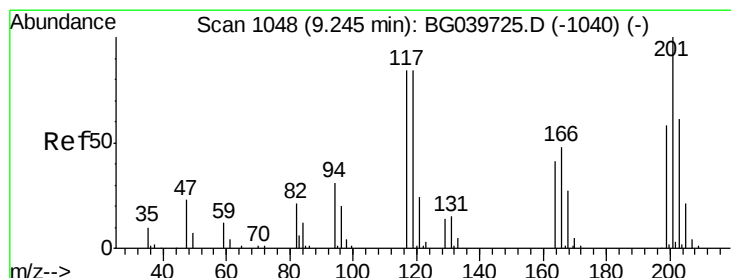
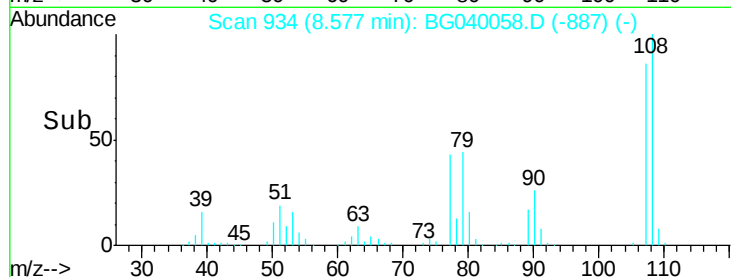
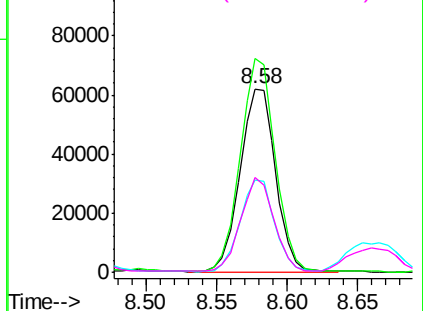
Tgt Ion:	107	Resp:	109468
Ion Ratio	Lower	Upper	
107	100		
108	116.6	90.8	136.2
77	50.3	40.7	61.1
79	51.5	40.6	60.8

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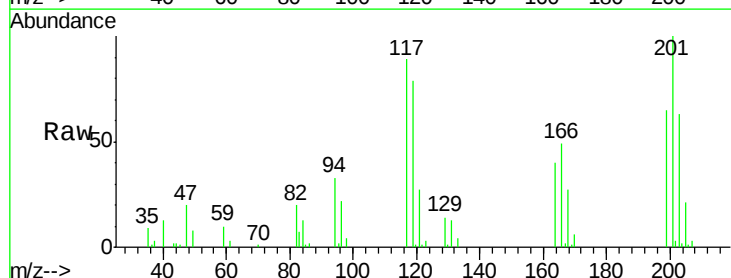


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

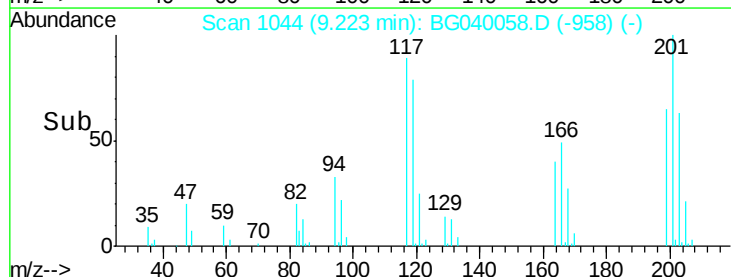
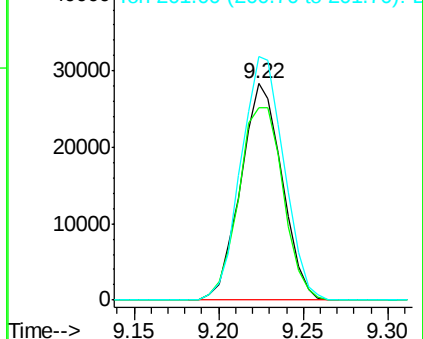


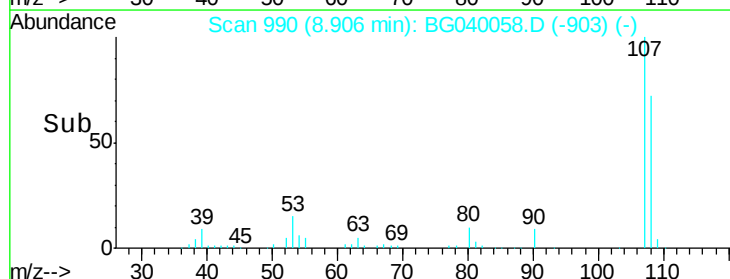
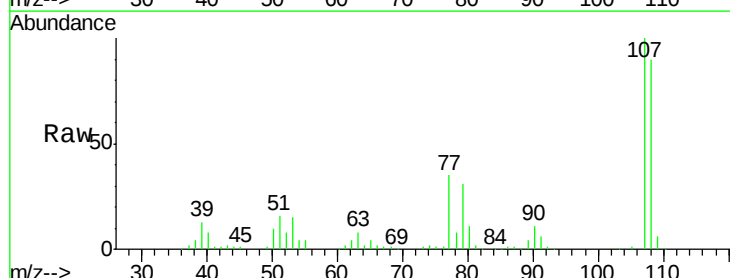
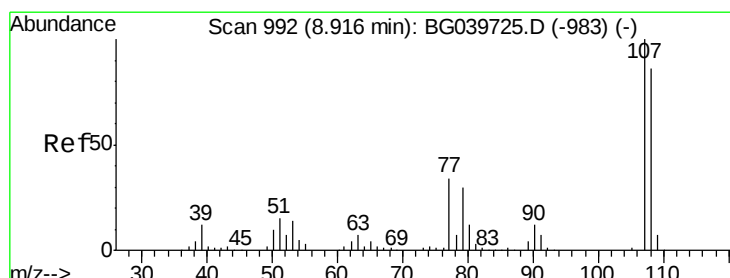
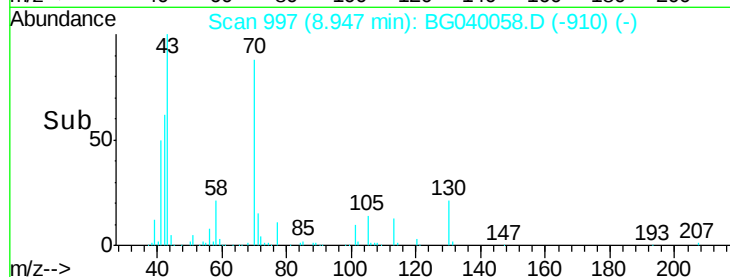
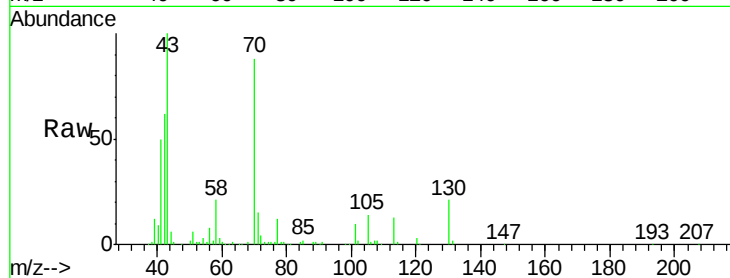
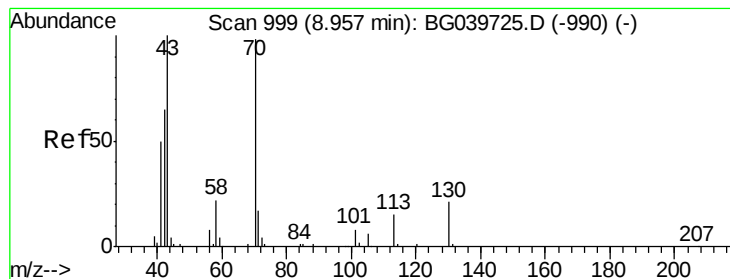
#18
Hexachloroethane
Concen: 40.562 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion:	117	Resp:	48193
Ion Ratio	Lower	Upper	
117	100		
119	89.1	76.3	114.5
201	112.6	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: 41.584 ng

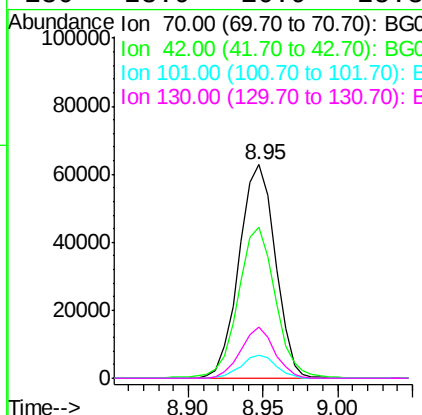
RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	105738		
42	71.0	60.4	90.6	
101	10.9	7.5	11.3	
130	23.9	16.9	25.3	



Instrument :

BNA_G

ClientSampleId :

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3/25/2019 4:17:12 PM

#20

3+4-Methylphenols

Concen: 45.336 ng

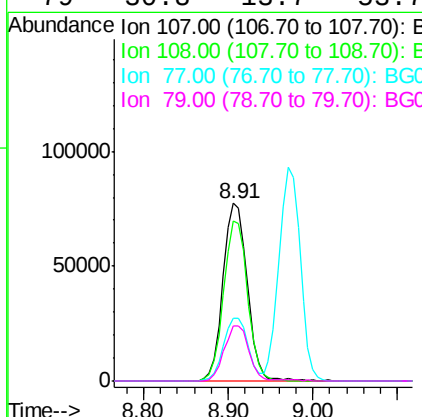
RT: 8.91 min Scan# 990

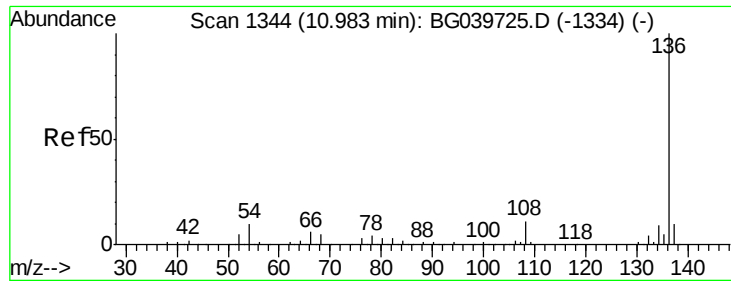
Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	153693		
108	90.0	67.9	107.9	
77	35.0	15.4	55.4	
79	30.8	13.7	53.7	





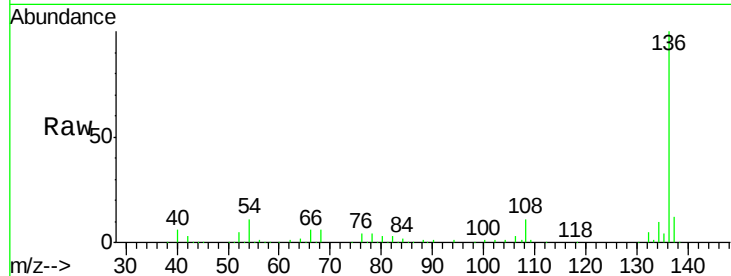
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

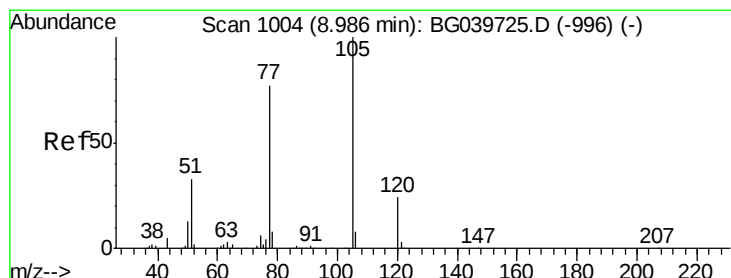
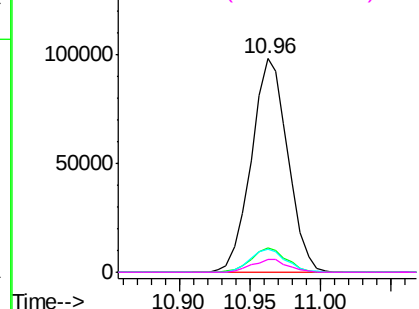
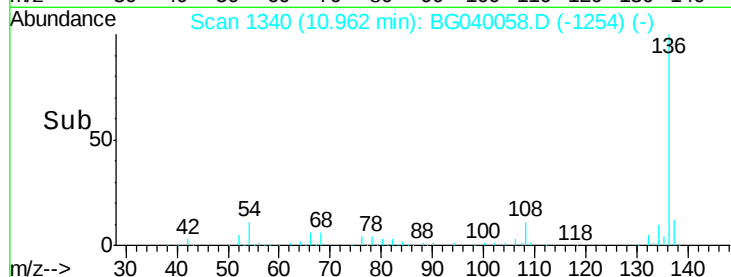
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	177068		
137	11.6	9.1	13.7	
54	10.7	9.4	14.2	
68	5.9	4.2	6.4	

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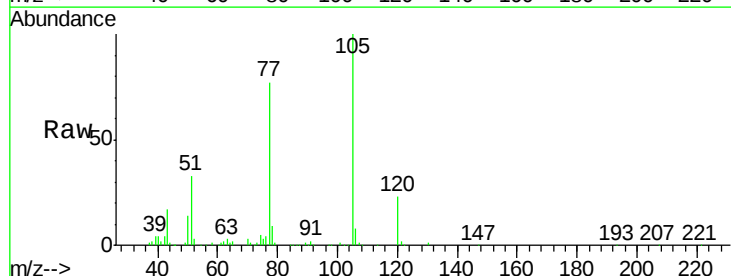


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

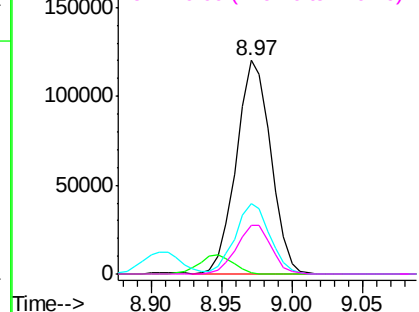
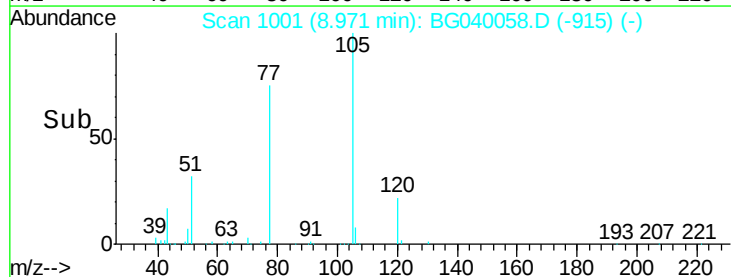


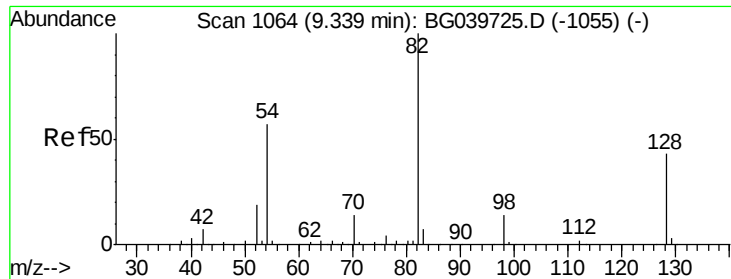
#22
Acetophenone
Concen: 43.297 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	205768		
71	0.8	0.8	1.2#	
51	32.8	30.2	45.2	
120	22.6	18.0	27.0	



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





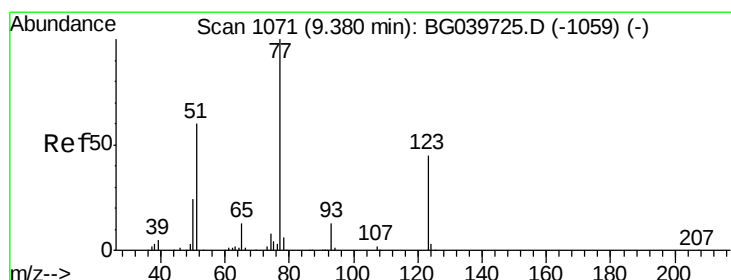
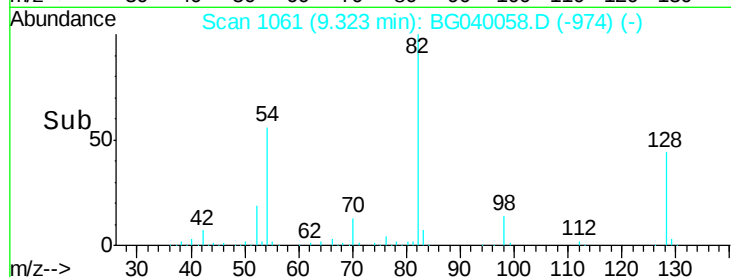
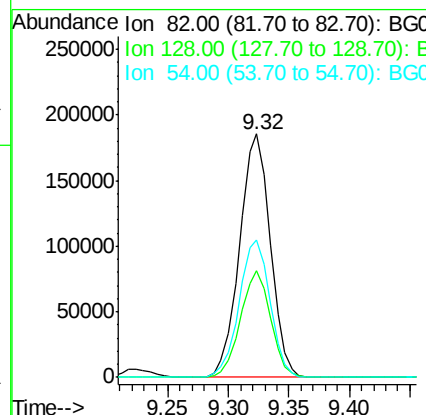
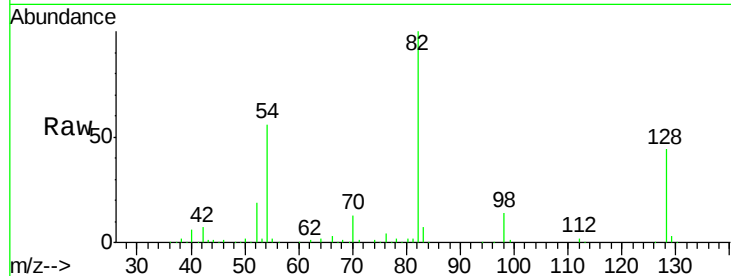
#23
 Nitrobenzene-d5
 Concen: 100.584 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.7	31.3	46.9
54	56.3	50.9	76.3

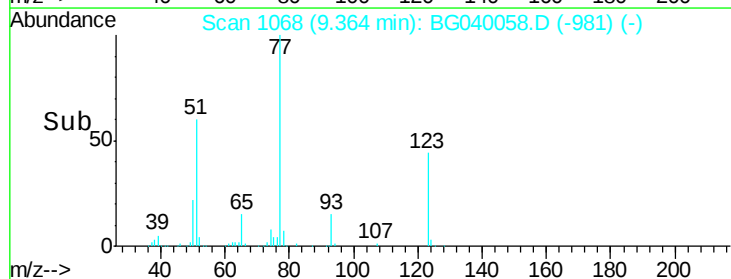
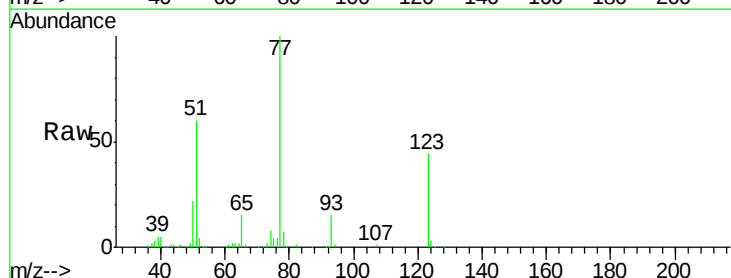
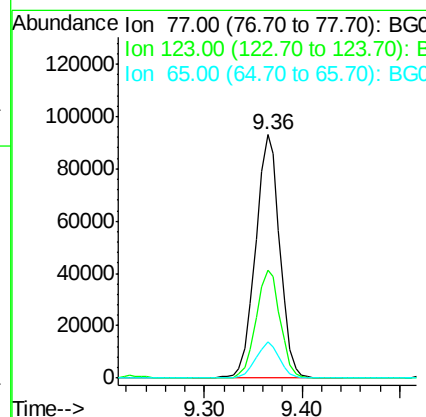
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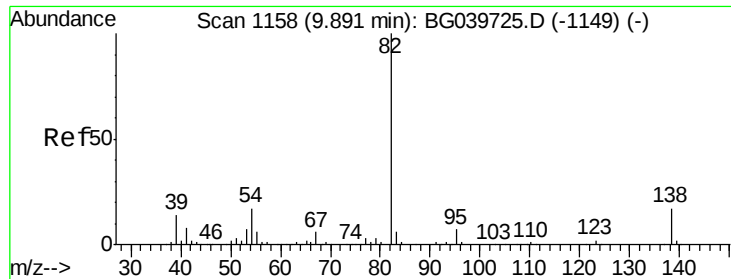
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#24
 Nitrobenzene
 Concen: 47.244 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.2	34.1	51.1
65	15.1	12.3	18.5





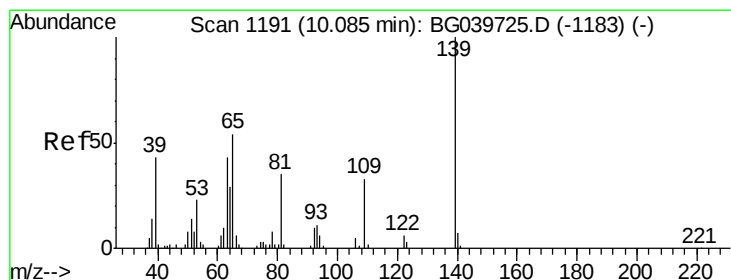
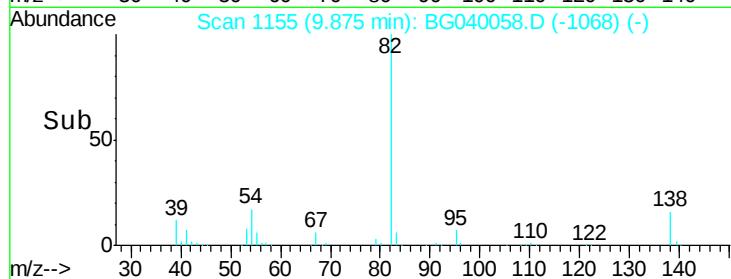
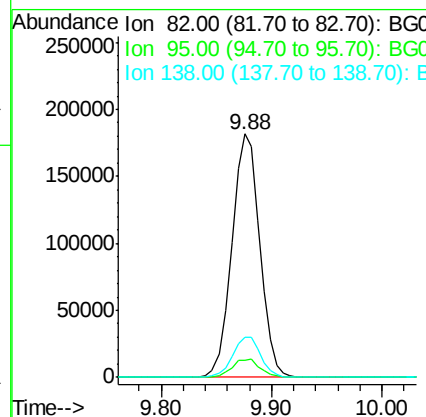
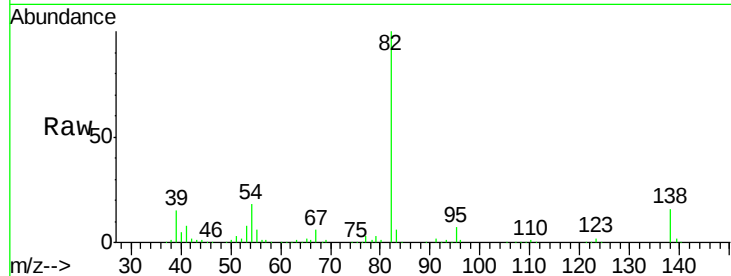
#25
Isophorone
Concen: 46.729 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	320559		
95	7.0	6.2	9.2	
138	16.4	13.0	19.4	

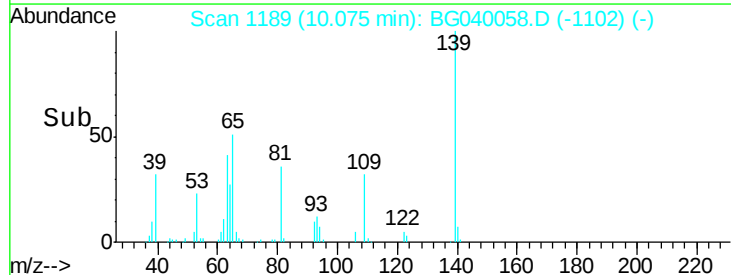
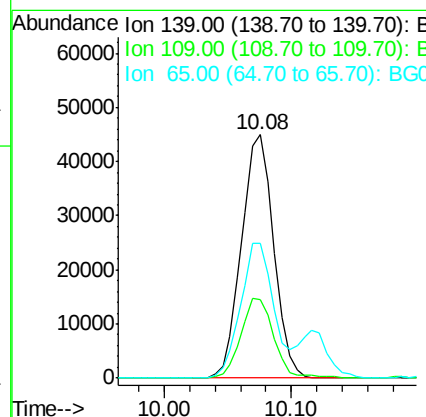
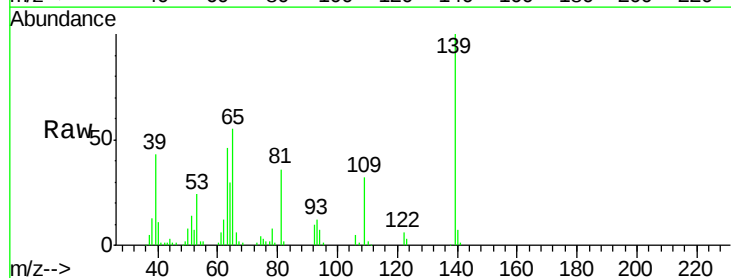
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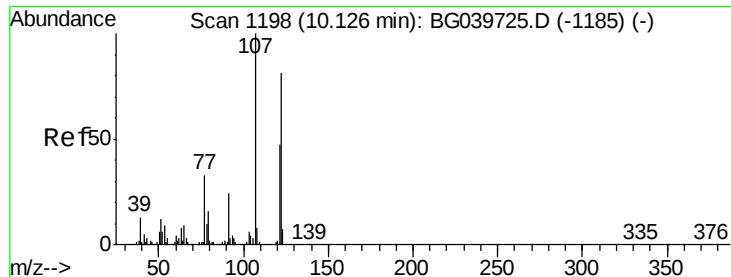
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#26
2-Nitrophenol
Concen: 47.694 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79090		
109	32.4	23.4	35.0	
65	55.2	44.3	66.5	





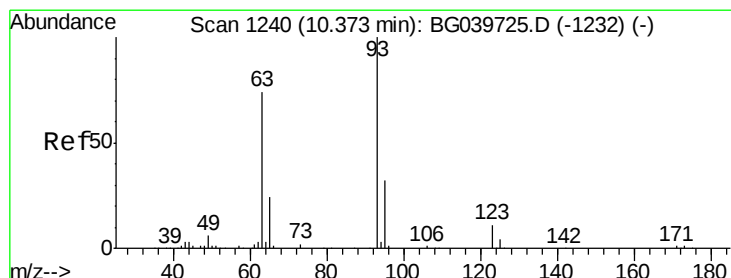
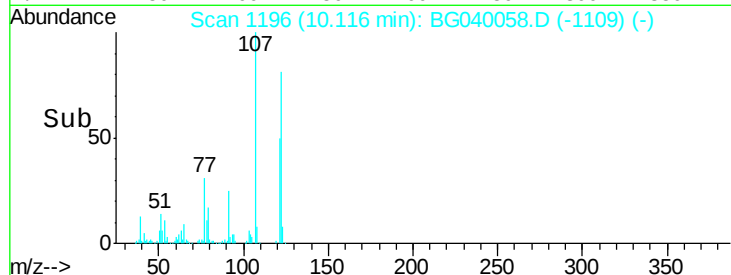
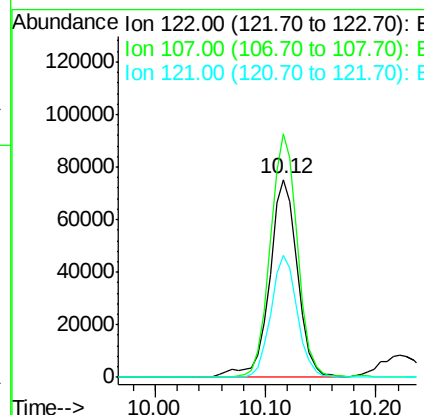
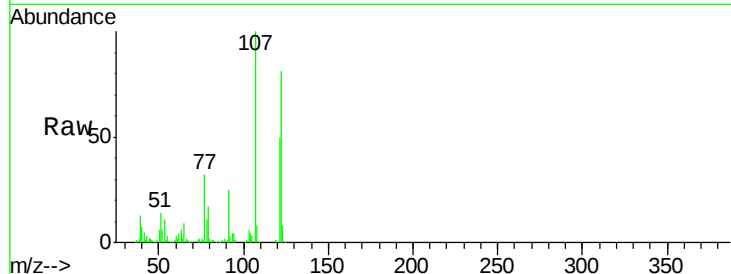
#27
2,4-Dimethylphenol
Concen: 51.680 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	133288		
107	122.9	91.7	137.5	
121	61.6	46.4	69.6	

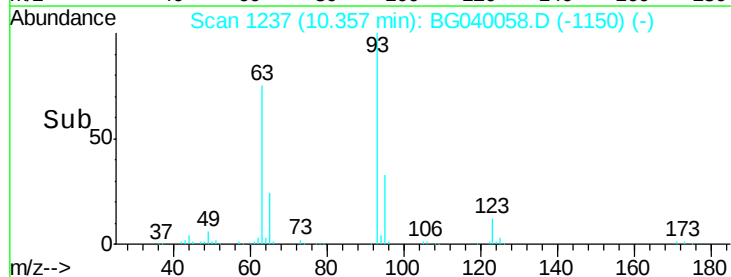
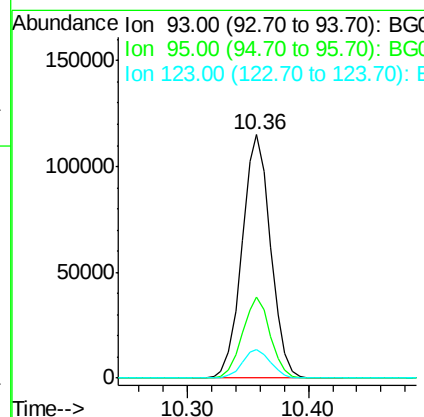
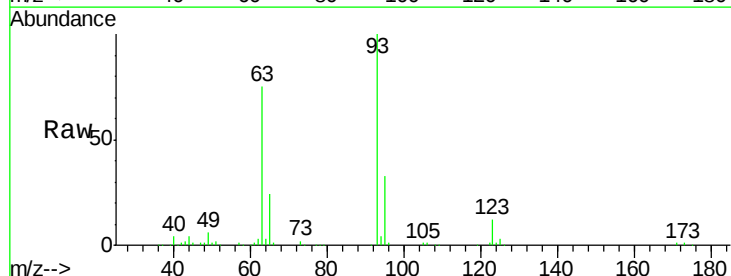
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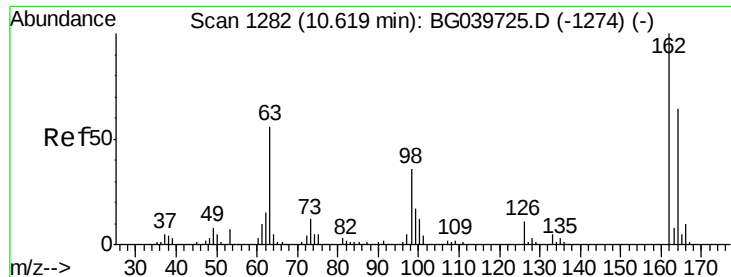
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#28
bis(2-Chloroethoxy)methane
Concen: 45.361 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	189101		
95	33.3	25.0	37.4	
123	11.8	8.6	12.8	





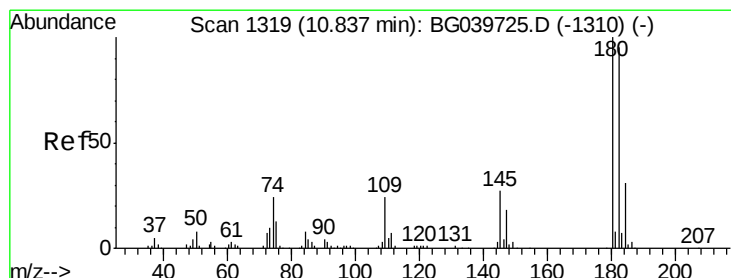
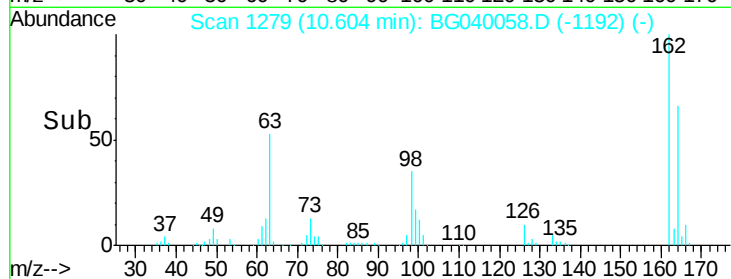
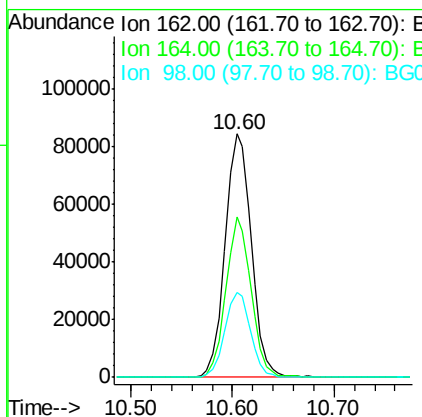
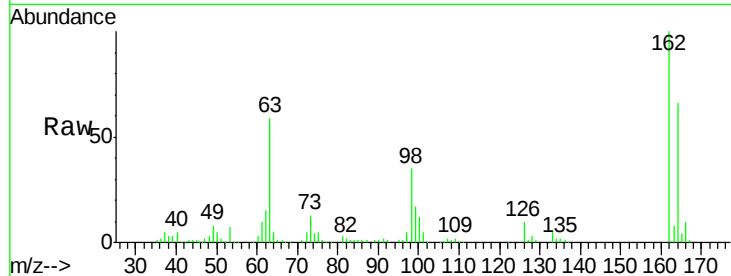
#29
 2,4-Dichlorophenol
 Concen: 52.139 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	151399		
164	66.1	48.1	88.1	
98	34.9	18.1	58.1	

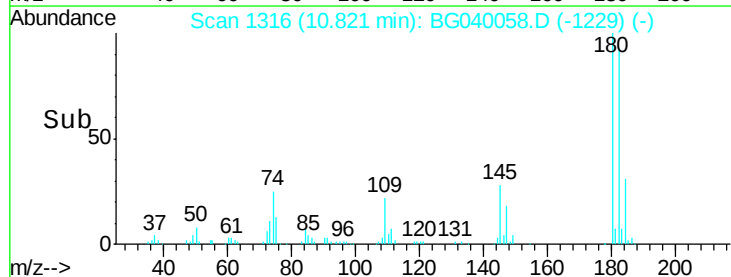
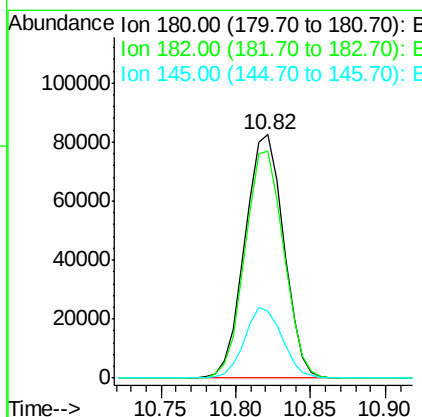
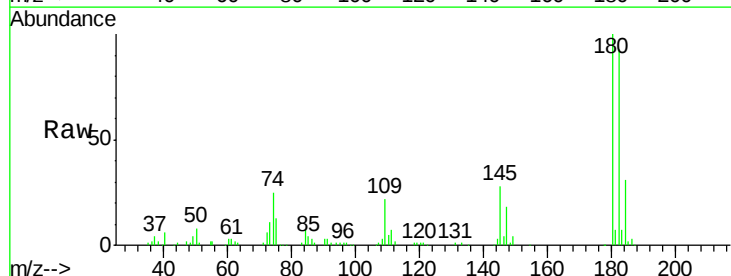
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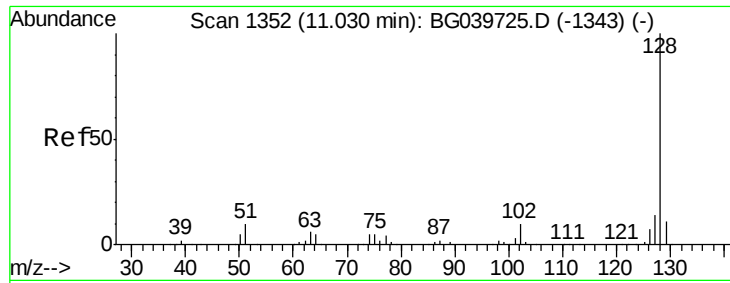
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.455 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148524		
182	93.0	76.0	114.0	
145	27.6	22.7	34.1	





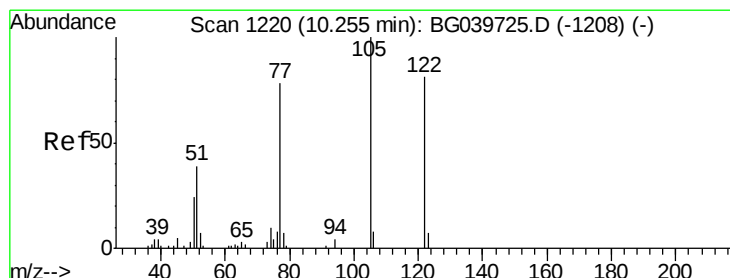
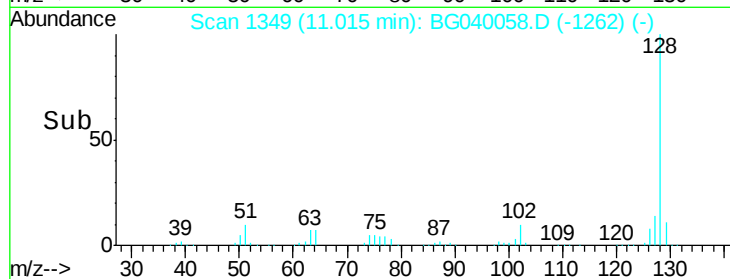
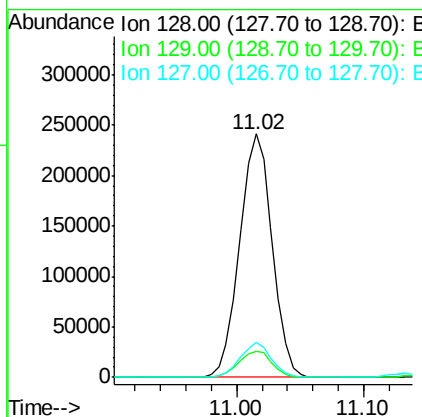
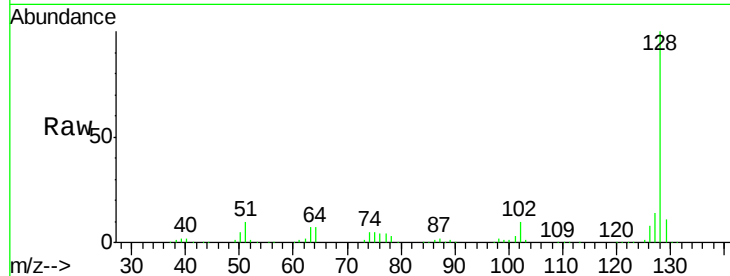
#31
Naphthalene
Concen: 45.601 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	427505		
129	10.9	8.7	13.1	
127	14.2	10.8	16.2	

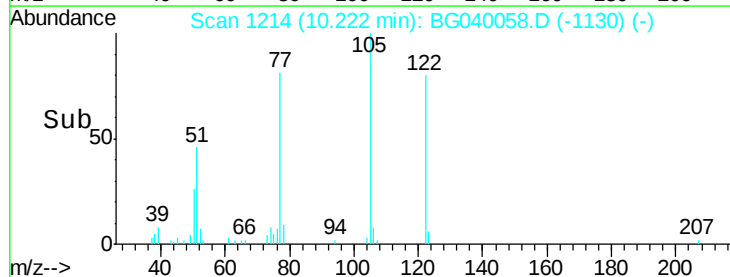
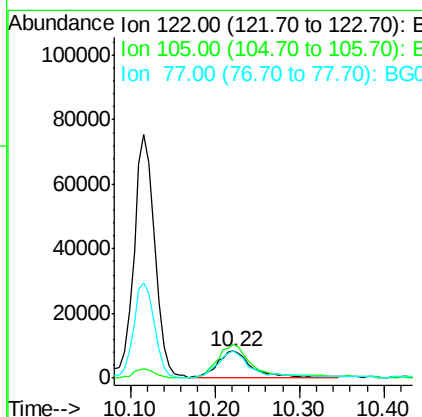
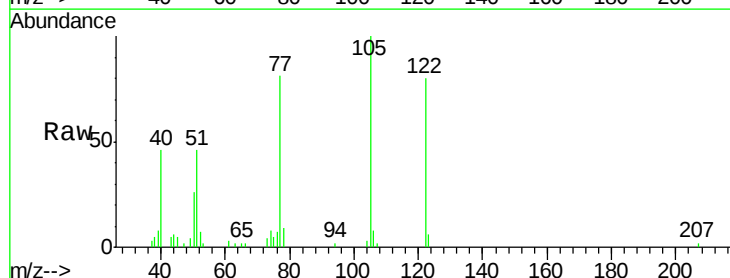
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#32
Benzoic acid
Concen: 17.750 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	22894		
105	124.3	101.8	141.8	
77	100.4	76.3	116.3	





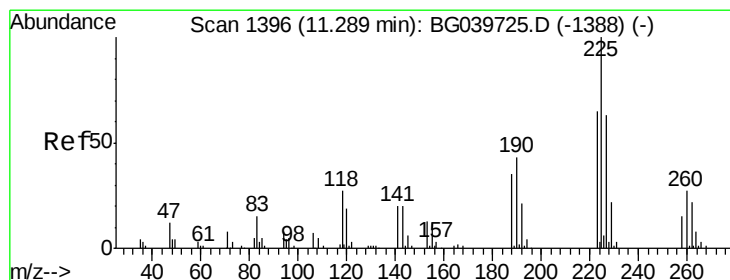
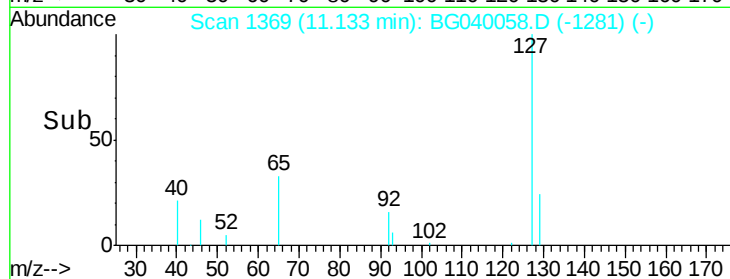
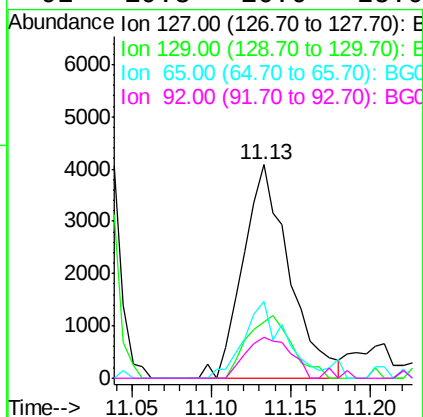
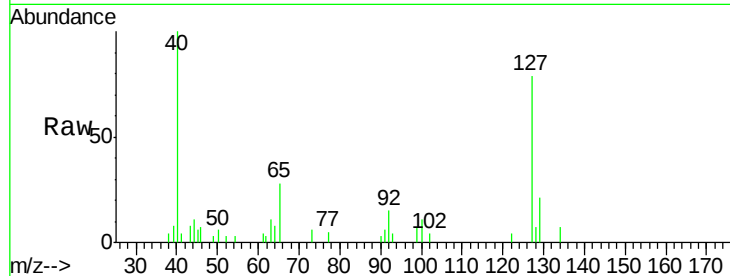
#33
4-Chloroaniline
Concen: 2.077 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	26.1	27.0	40.4#
65	35.9	28.8	43.2
92	19.3	16.6	25.0

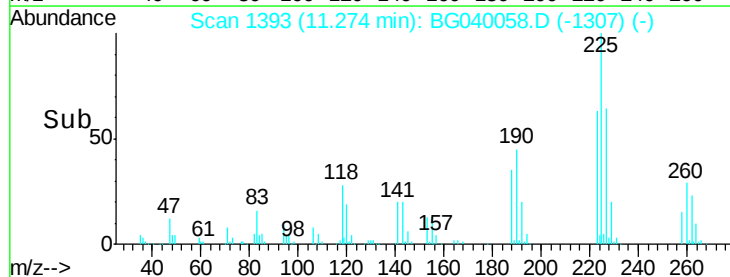
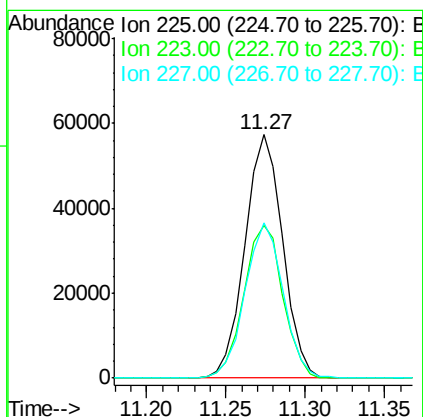
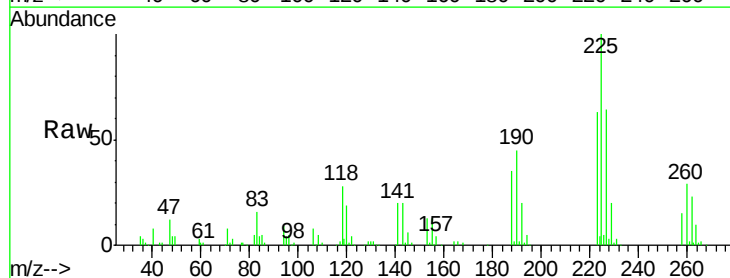
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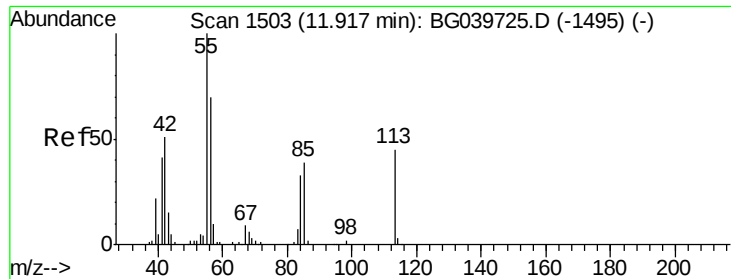
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#34
Hexachlorobutadiene
Concen: 42.526 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.0	73.6
227	64.0	46.3	69.5





#35

Caprolactam

Concen: 32.212 ng m

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:113 Resp: 35730

Ion Ratio Lower Upper

113 100

55 220.6 216.9 256.9

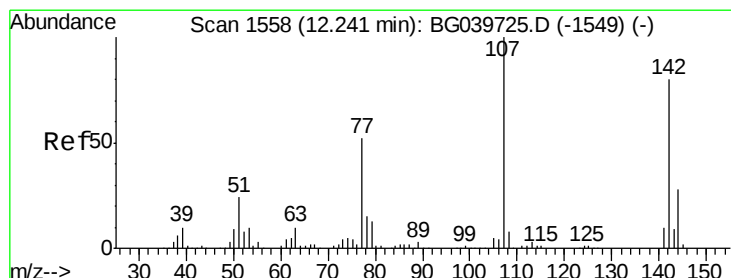
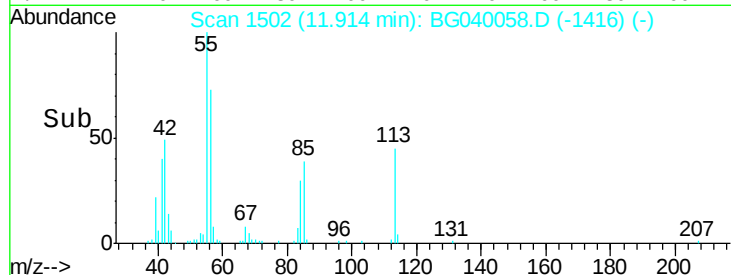
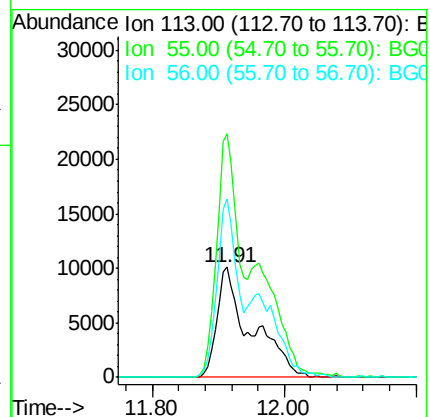
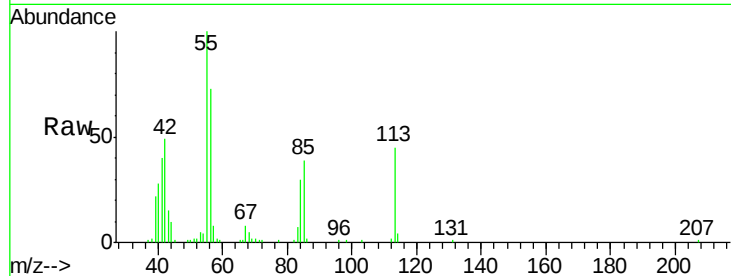
56 161.8 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 47.839 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

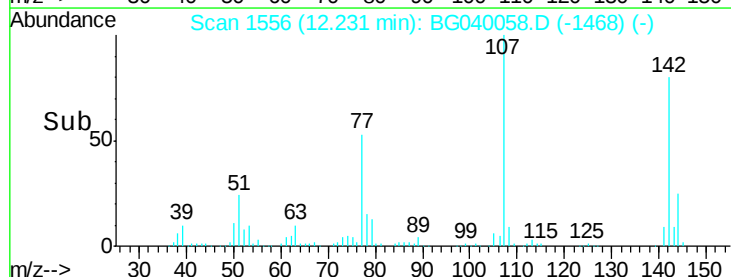
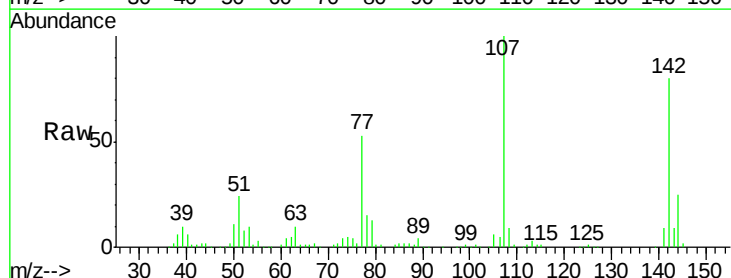
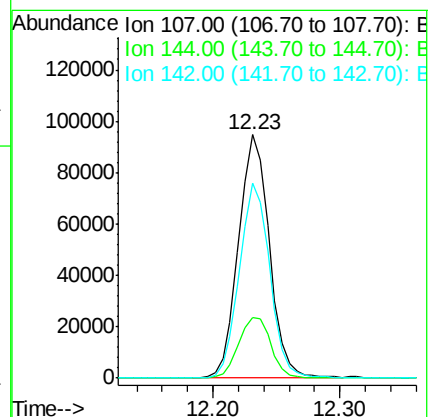
Tgt Ion:107 Resp: 159241

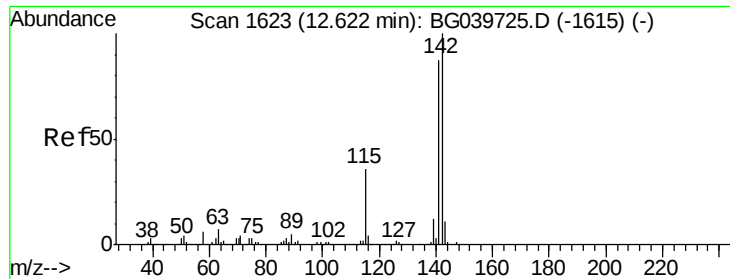
Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.2

142 79.9 61.4 92.2





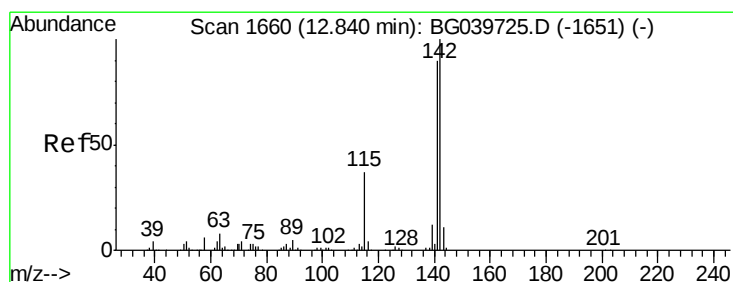
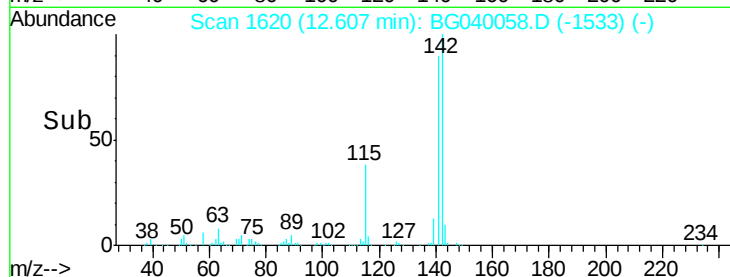
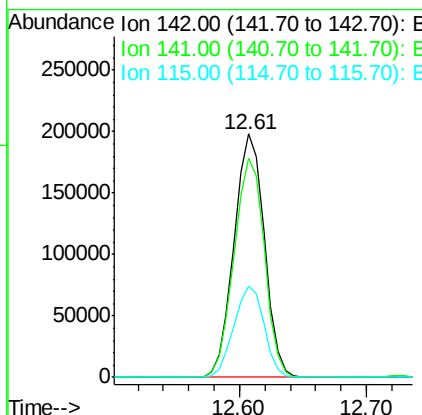
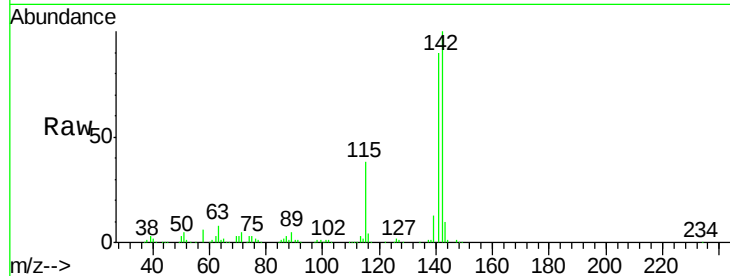
#37
 2-Methylnaphthalene
 Concen: 46.618 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	326750		
141	90.1	73.5	110.3	
115	37.7	30.8	46.2	

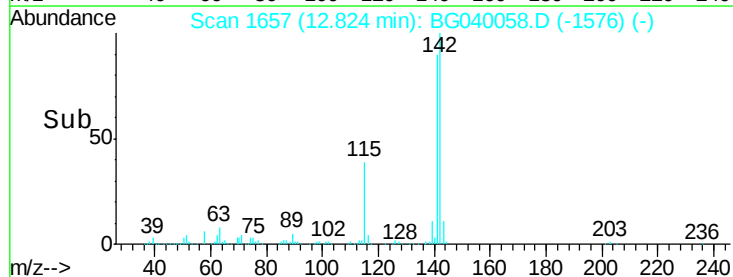
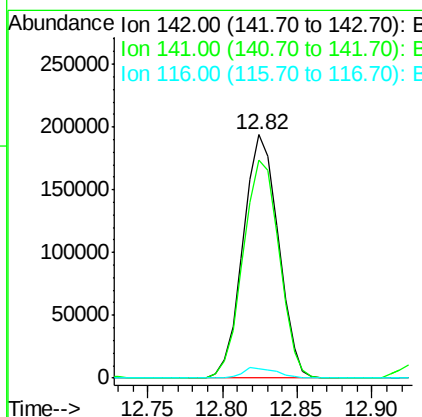
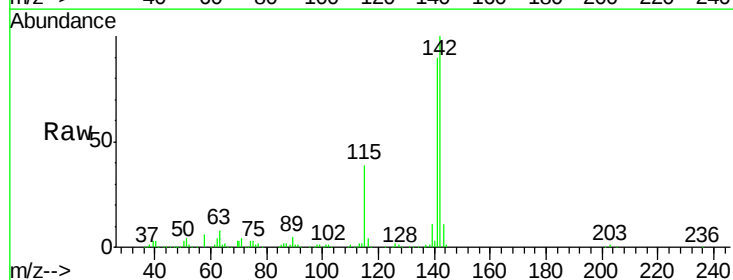
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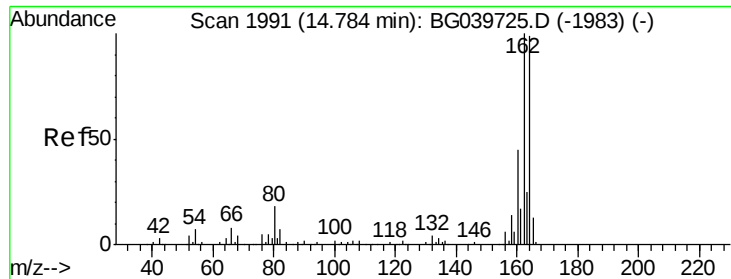
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#38
 1-Methylnaphthalene
 Concen: 46.505 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	316764		
141	89.8	74.2	111.4	
116	3.9	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: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

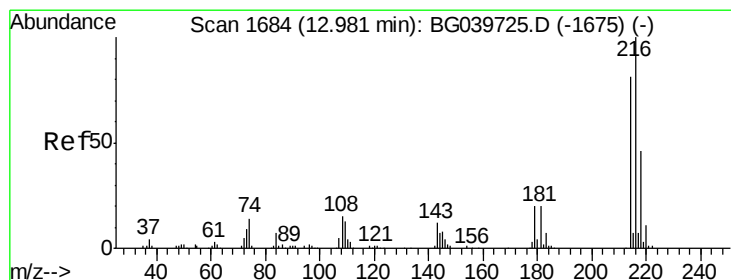
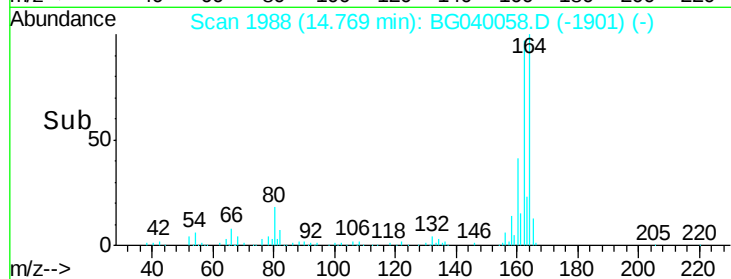
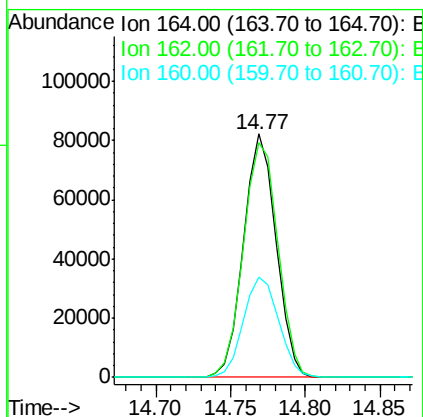
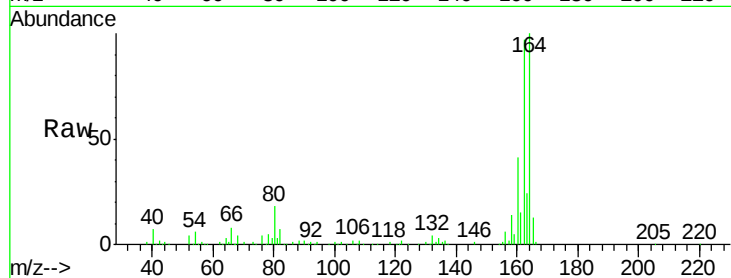
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	164	Resp:	124002
Ion Ratio	Lower	Upper	
164	100		
162	96.6	81.6	122.4
160	41.2	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.803 ng

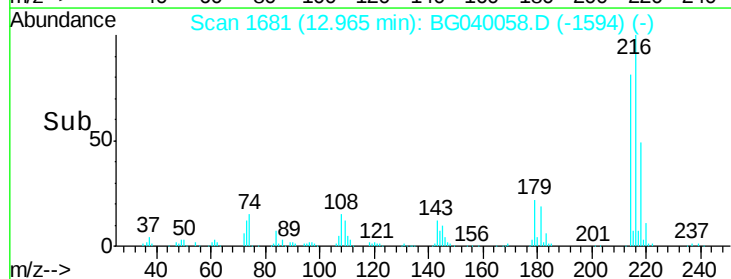
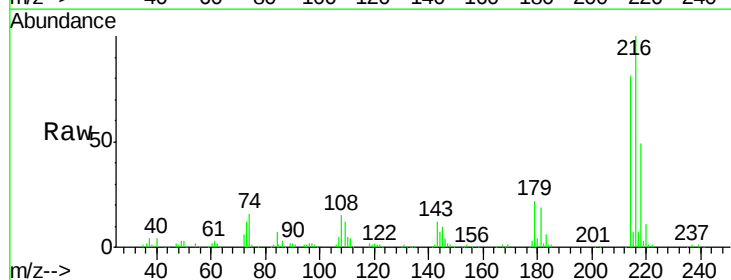
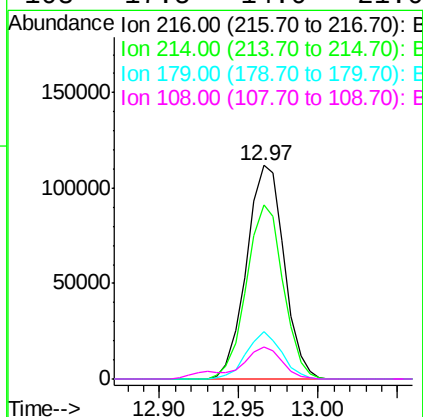
RT: 12.97 min Scan# 1681

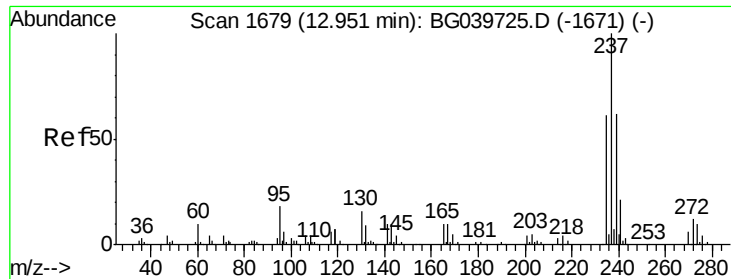
Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	216	Resp:	184009
Ion Ratio	Lower	Upper	
216	100		
214	79.8	62.6	94.0
179	20.6	16.6	25.0
108	17.5	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 92.736 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

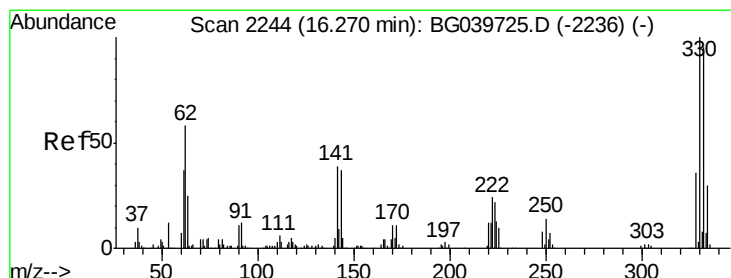
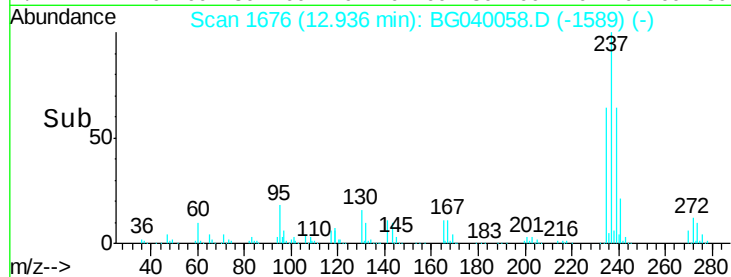
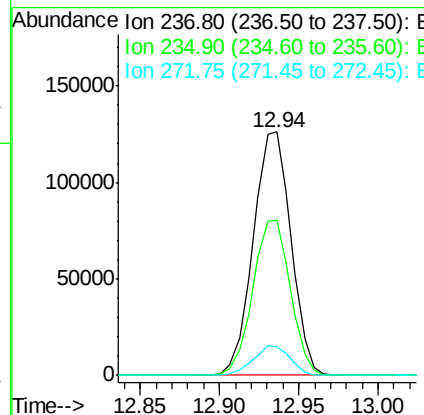
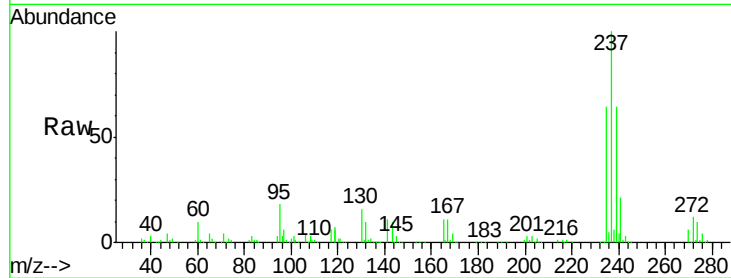
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	237	Resp:	208774
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.3	83.3
272	11.5	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 149.596 ng

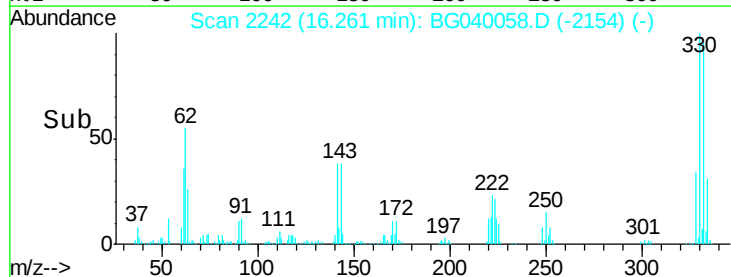
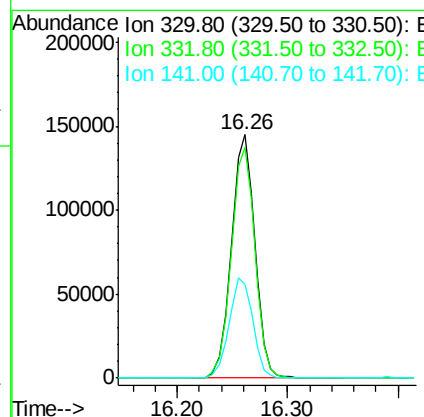
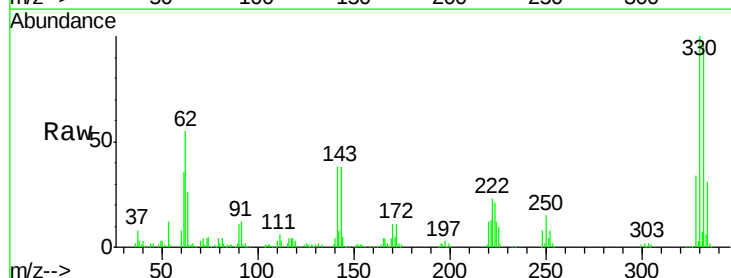
RT: 16.26 min Scan# 2242

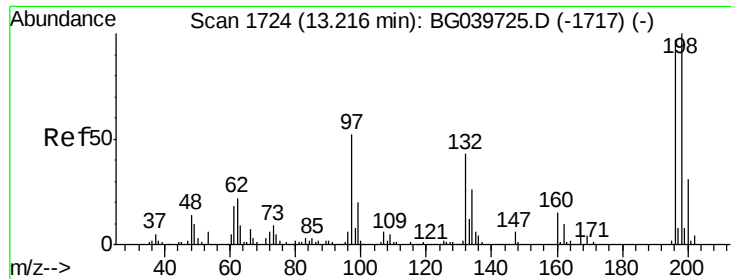
Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	330	Resp:	216216
Ion Ratio	Lower	Upper	
330	100		
332	95.5	75.7	113.5
141	41.6	35.6	53.4





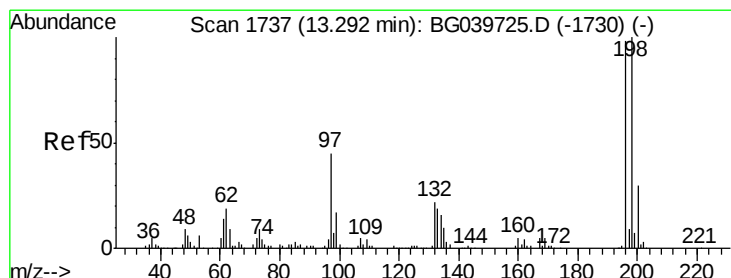
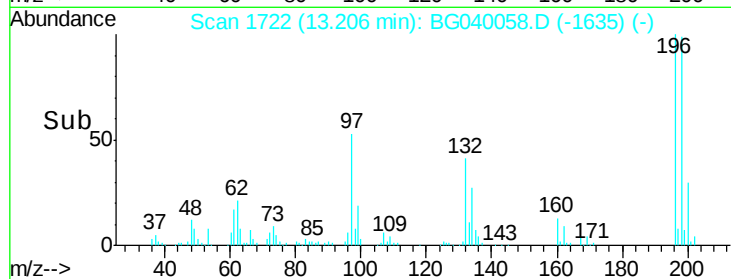
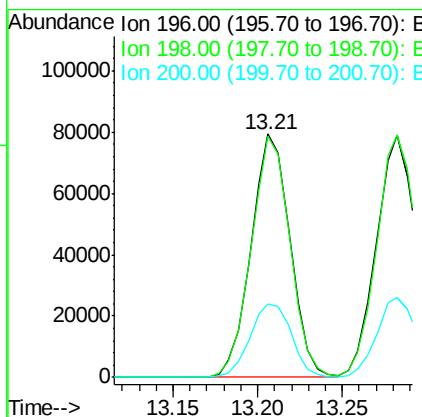
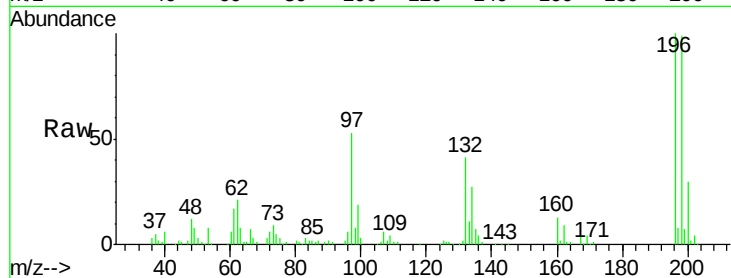
#43
 2,4,6-Trichlorophenol
 Concen: 51.681 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127105		
198	98.8	80.6	121.0	
200	30.4	26.1	39.1	

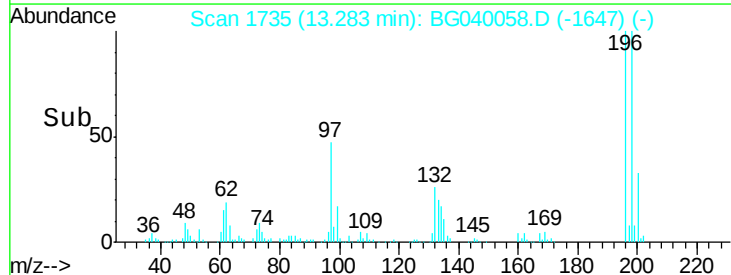
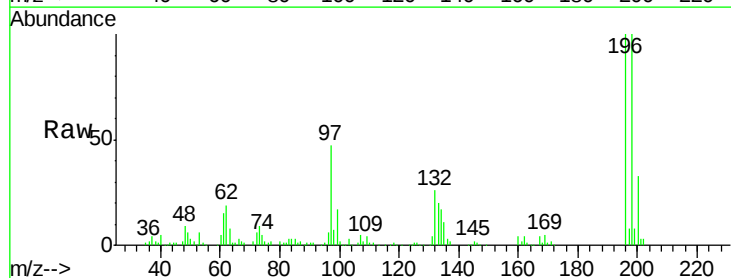
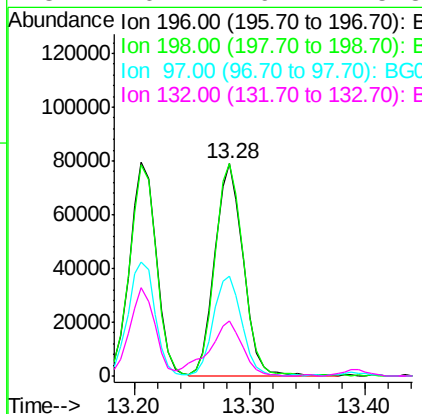
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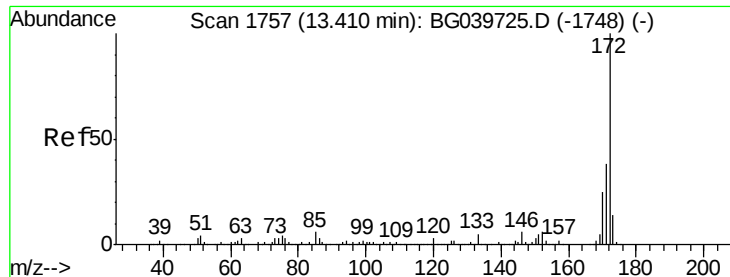
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#44
 2,4,5-Trichlorophenol
 Concen: 48.368 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	134085		
198	100.3	78.5	117.7	
97	47.1	38.4	57.6	
132	26.1	19.2	28.8	





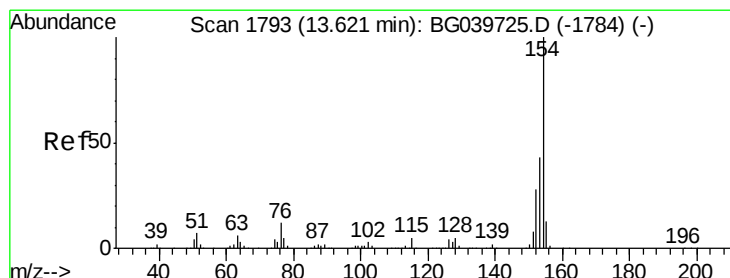
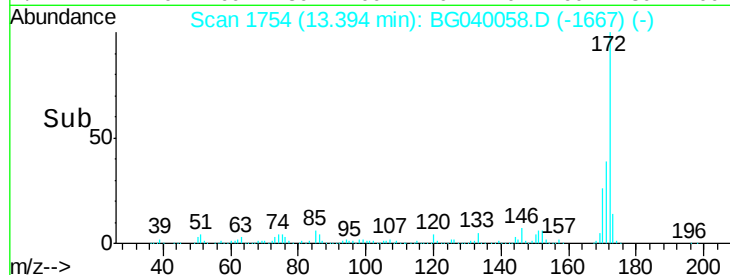
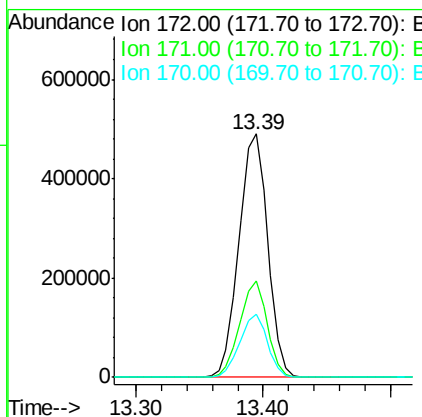
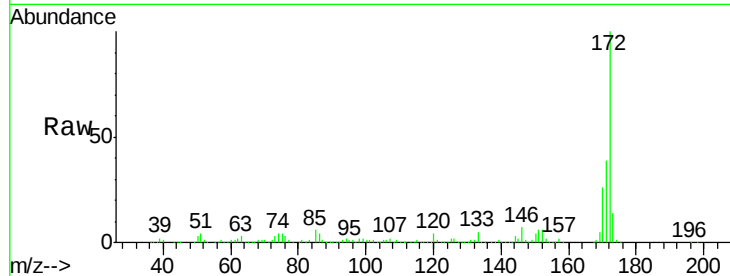
#45
 2-Fluorobiphenyl
 Concen: 88.213 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	39.5	30.8	46.2
170	25.8	20.2	30.4

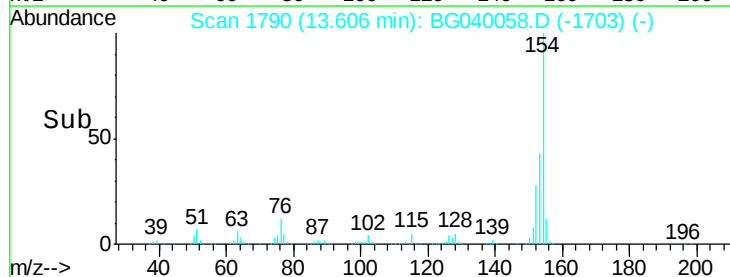
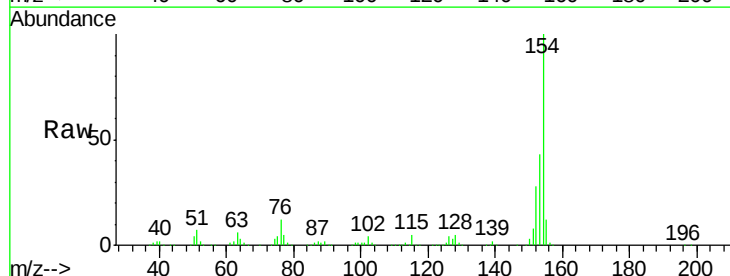
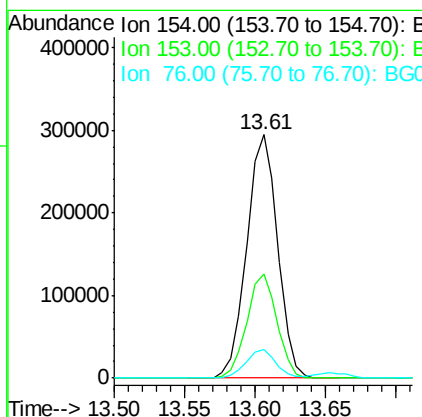
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#46
 1,1'-Biphenyl
 Concen: 44.332 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.5	22.1	62.1
76	11.8	0.0	32.4





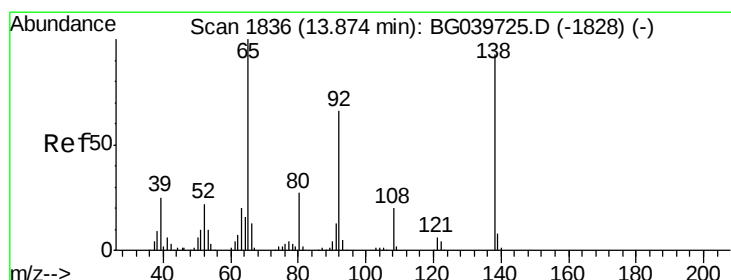
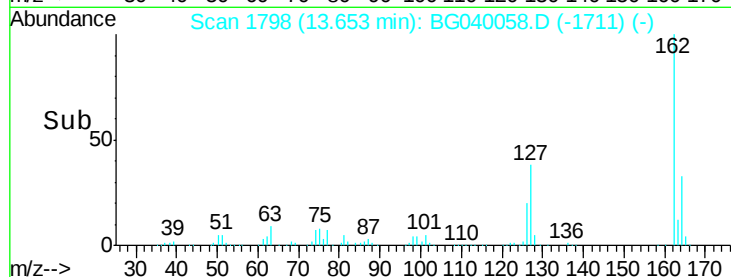
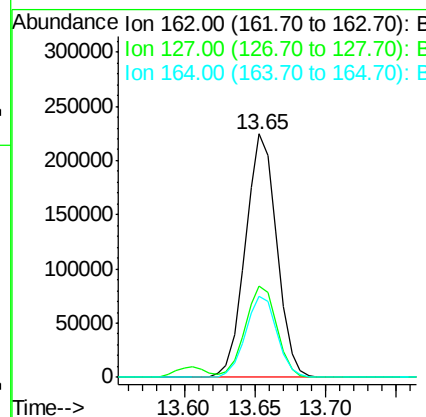
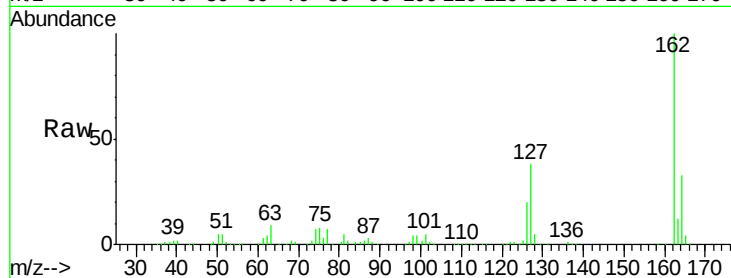
#47
2-Chloronaphthalene
Concen: 45.375 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	37.6	31.0	46.6
164	33.2	25.7	38.5

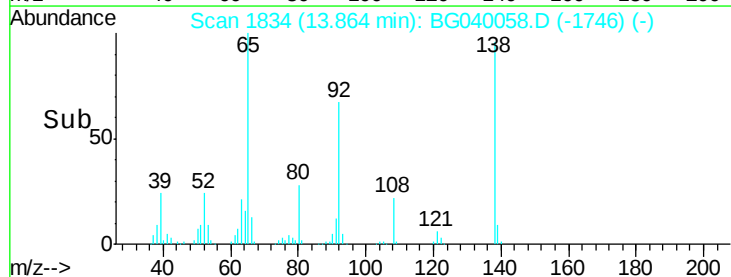
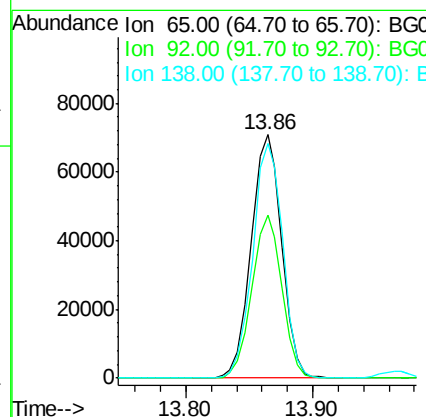
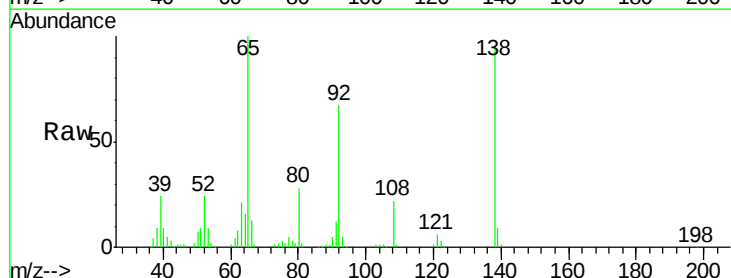
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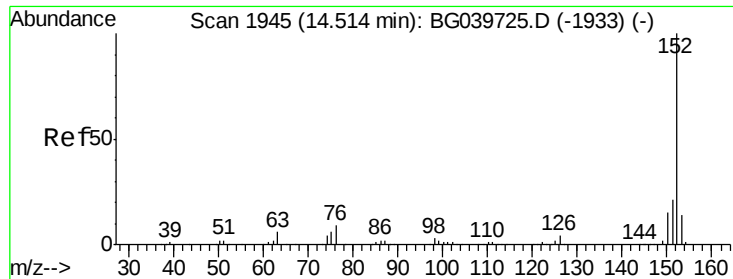
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#48
2-Nitroaniline
Concen: 47.995 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	66.7	51.4	77.2
138	96.3	71.4	107.2





#49

Acenaphthylene

Concen: 44.276 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040058.D

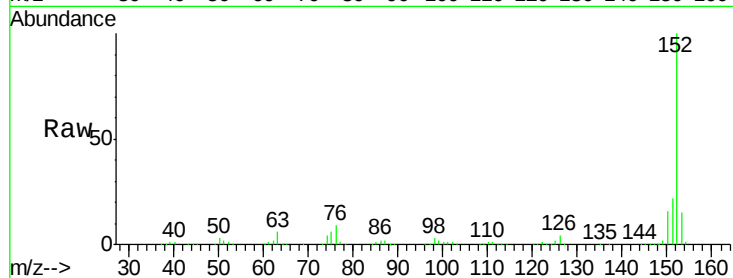
Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

ClientSampleId :

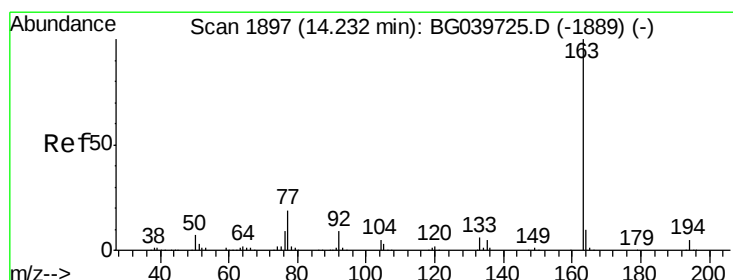
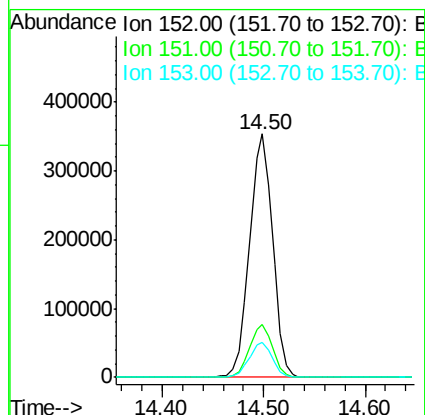
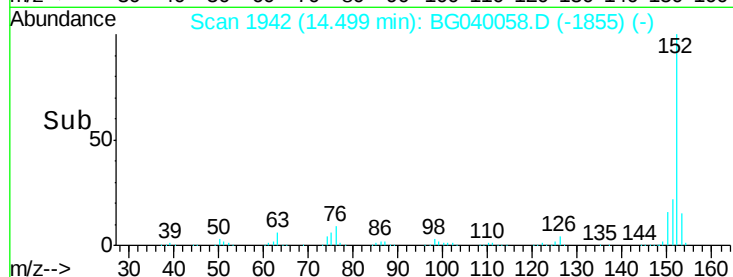
JC-02-031919-AMSD



Tgt Ion:	152	Resp:	557674
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	14.6	11.7	17.5

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#50

Dimethylphthalate

Concen: 45.150 ng

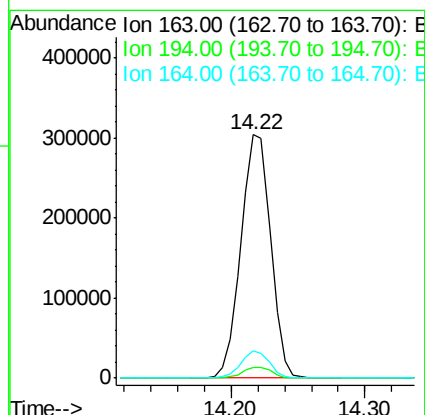
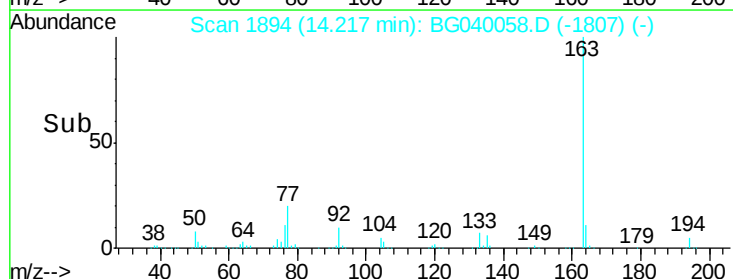
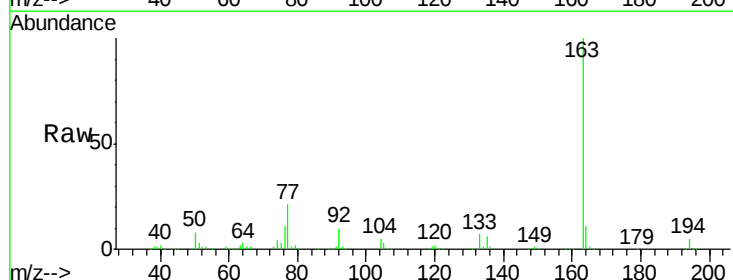
RT: 14.22 min Scan# 1894

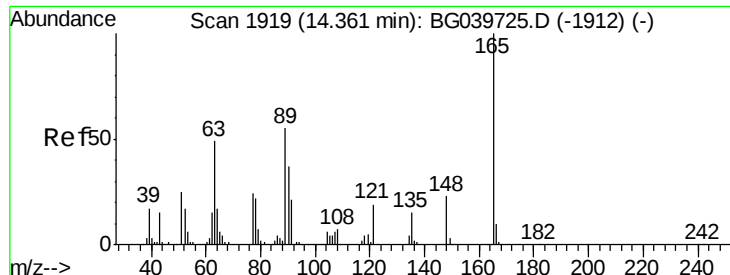
Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	163	Resp:	468161
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	11.1	8.4	12.6





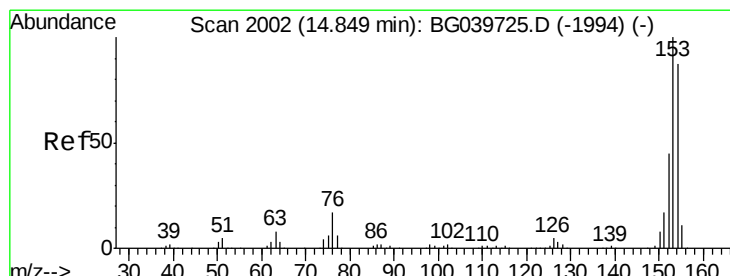
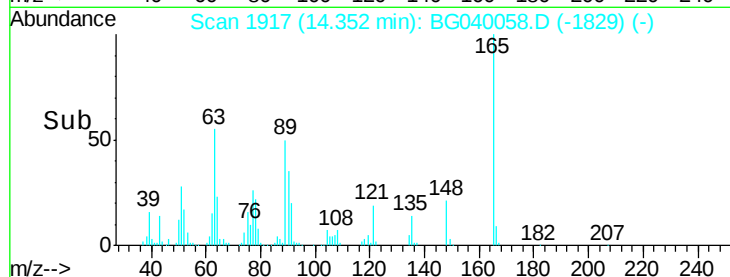
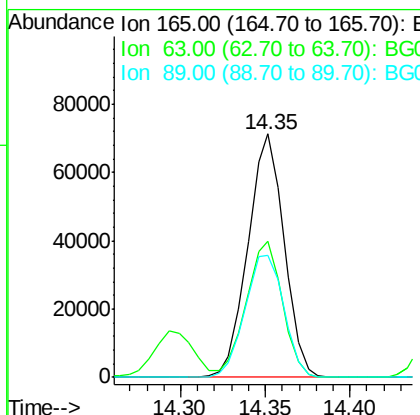
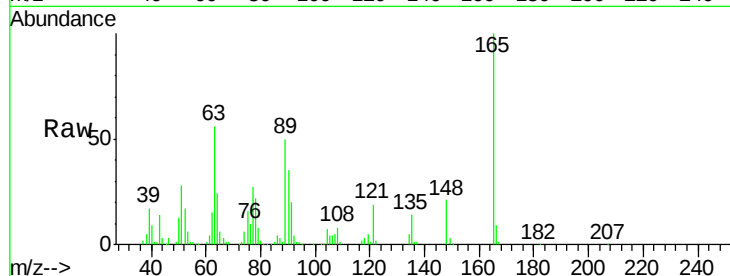
#51
 2,6-Dinitrotoluene
 Concen: 48.328 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106232		
63	55.7	47.0	70.6	
89	50.3	45.8	68.8	

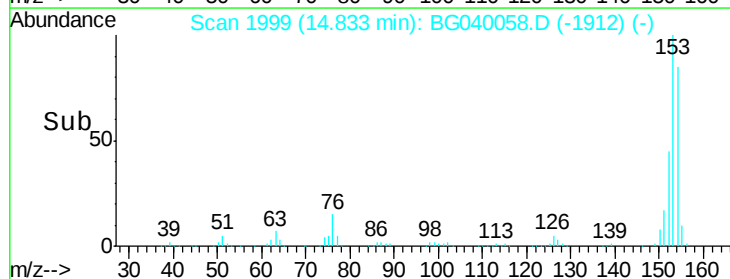
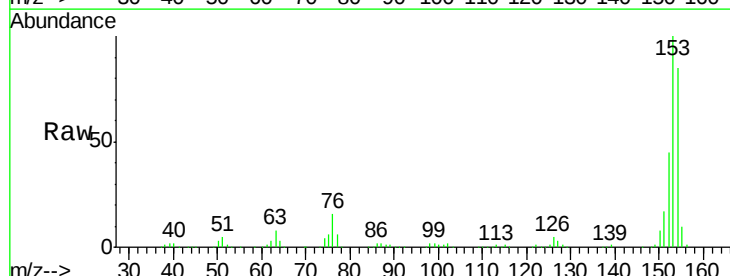
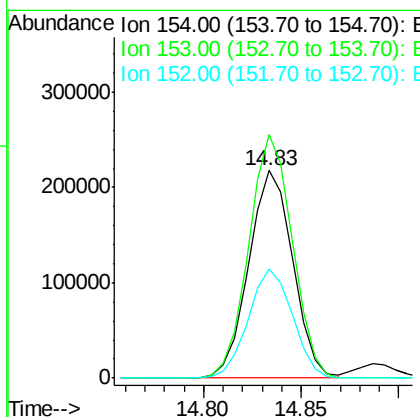
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#52
 Acenaphthene
 Concen: 44.997 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	341113		
153	117.2	90.1	135.1	
152	52.4	40.9	61.3	





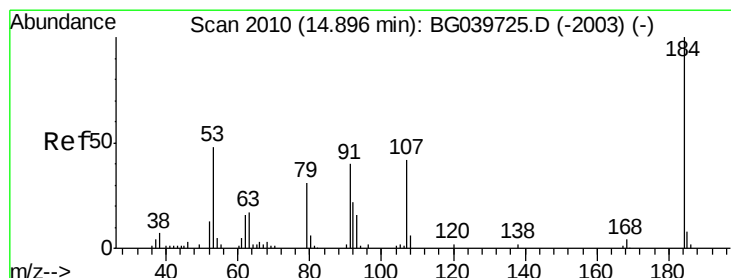
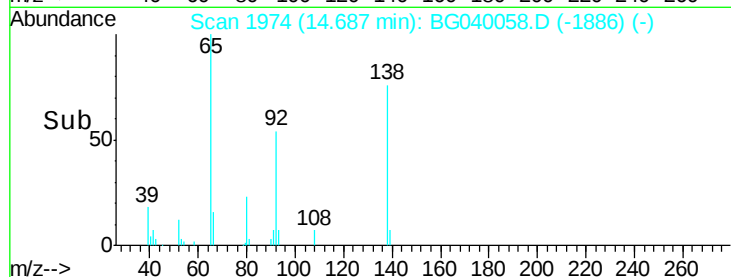
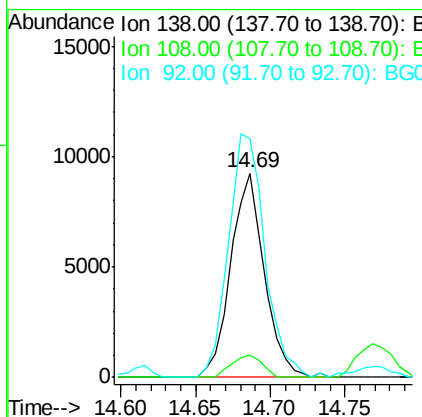
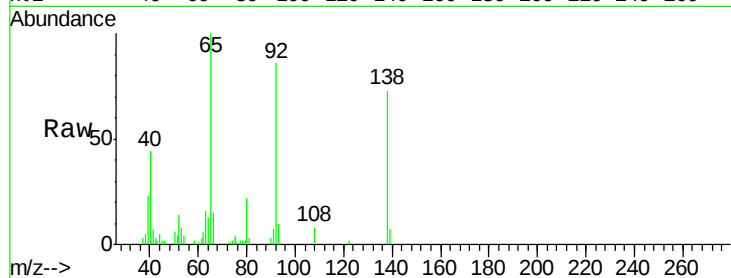
#53
3-Nitroaniline
Concen: 6.554 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	13.8	20.8#
92	116.6	103.7	155.5

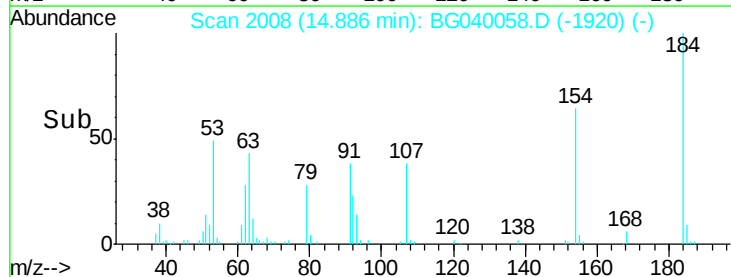
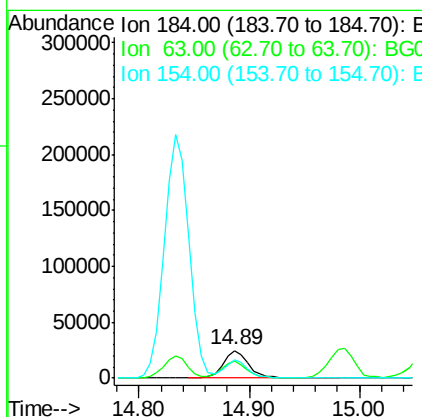
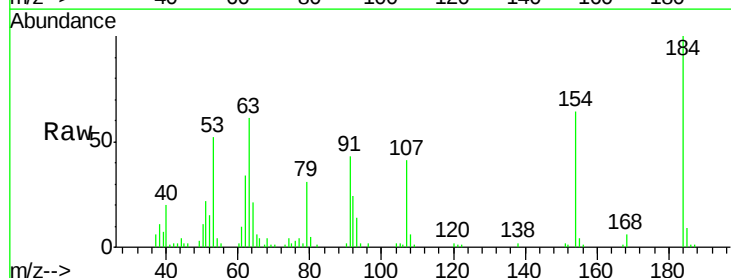
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3/25/2019 4:17:12 PM



#54
2,4-Dinitrophenol
Concen: 32.064 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	50.9	76.3
154	64.1	53.0	79.6





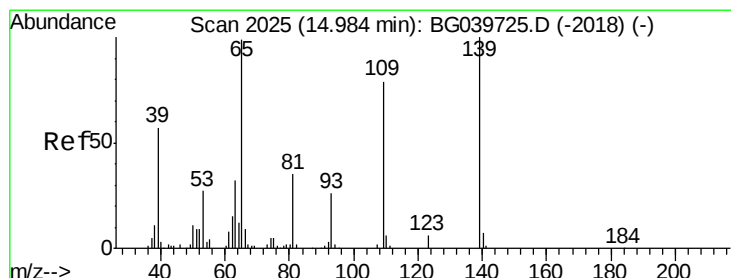
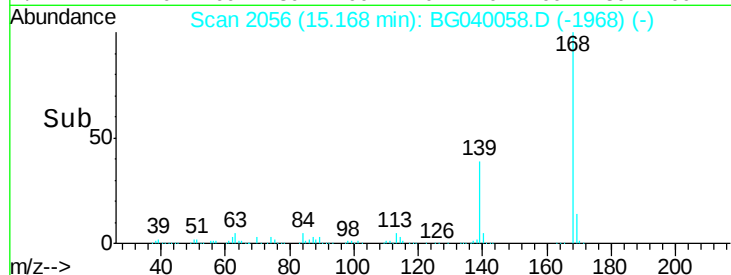
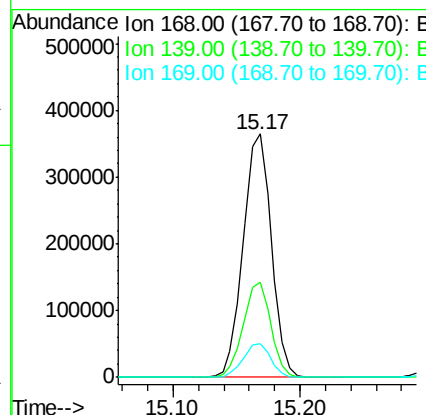
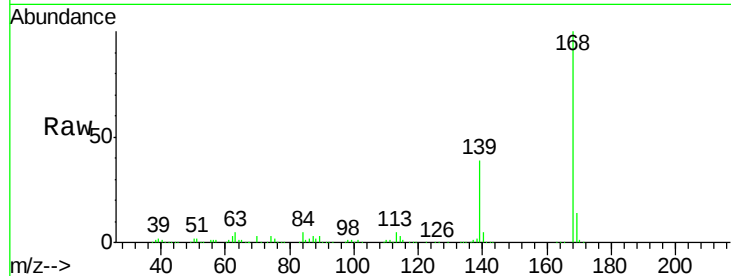
#55
Dibenzenofuran
Concen: 45.108 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	561050		
139	39.3	30.1	45.1	
169	13.7	10.6	16.0	

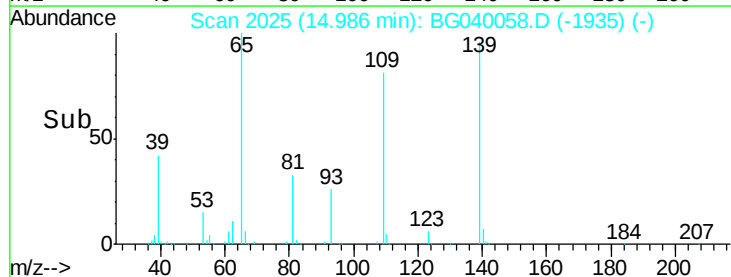
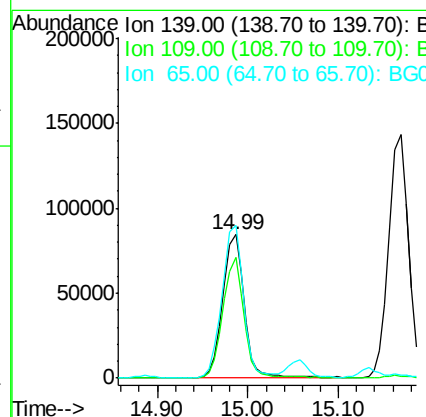
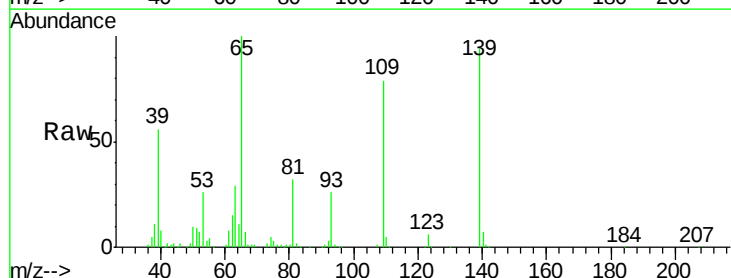
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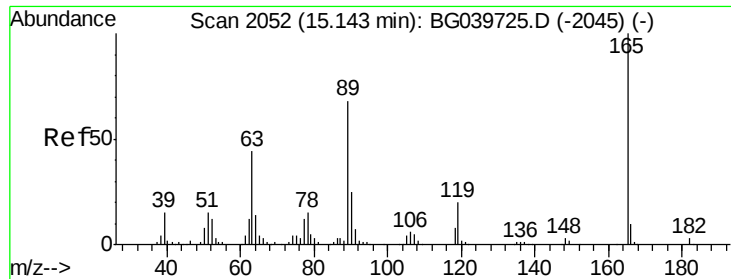
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#56
4-Nitrophenol
Concen: 71.243 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140823		
109	83.9	61.9	101.9	
65	106.4	99.1	139.1	





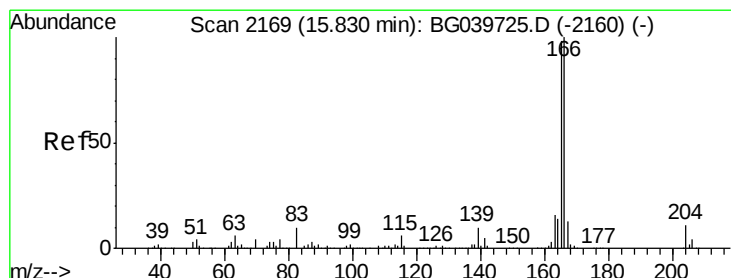
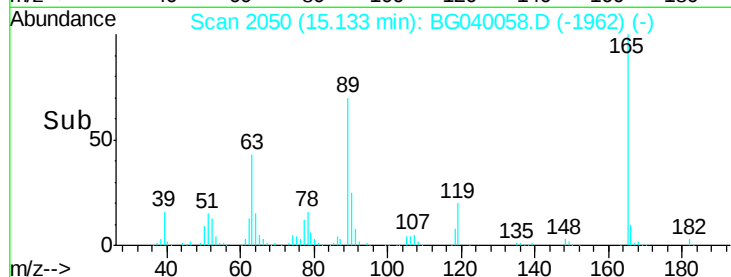
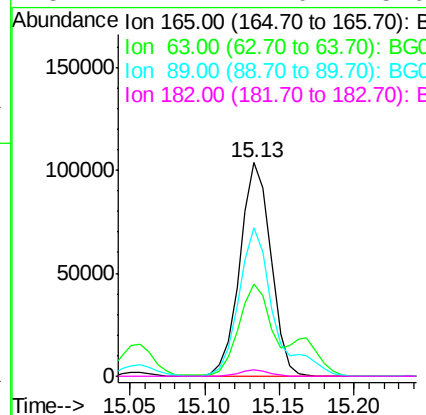
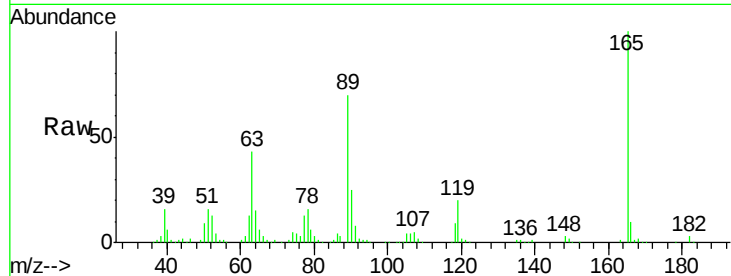
#57
2,4-Dinitrotoluene
Concen: 48.517 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149852		
63	43.4	41.0	61.6	
89	69.8	64.6	96.8	
182	2.7	2.0	3.0	

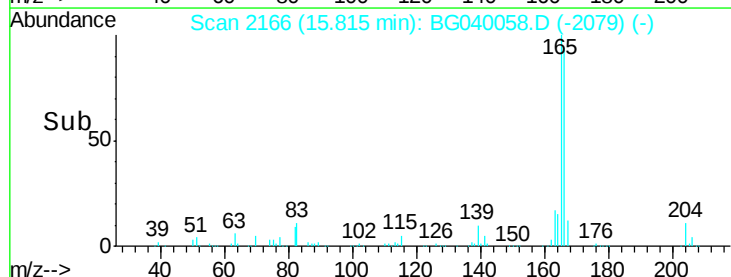
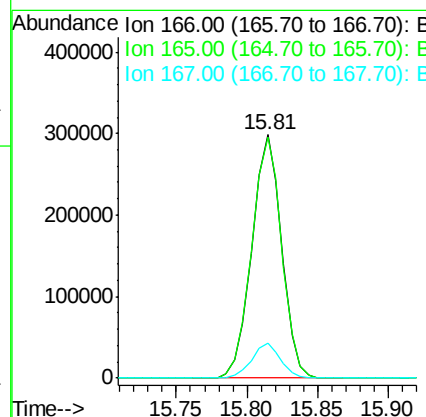
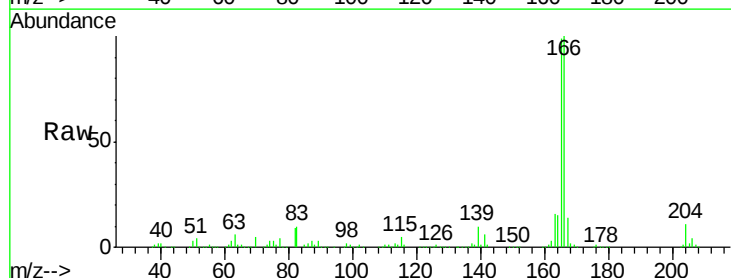
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#58
Fluorene
Concen: 45.027 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	440269		
165	98.8	77.9	116.9	
167	14.1	10.8	16.2	





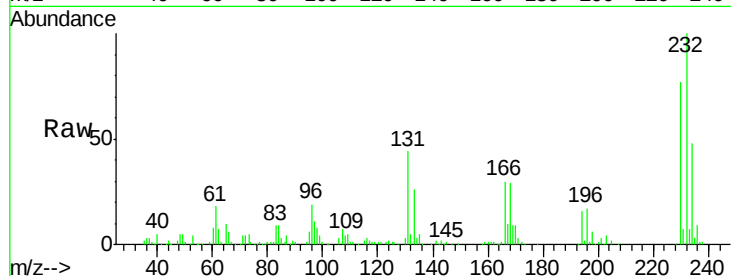
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.869 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

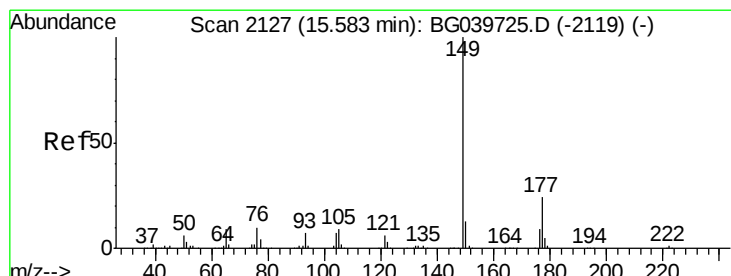
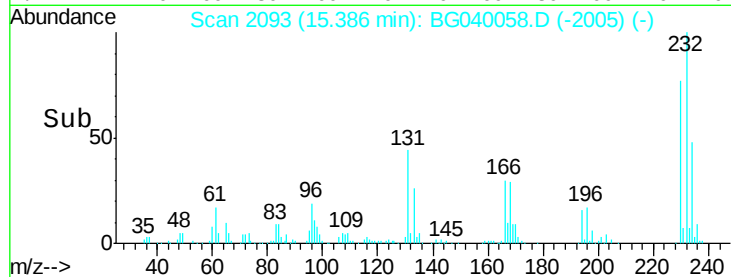
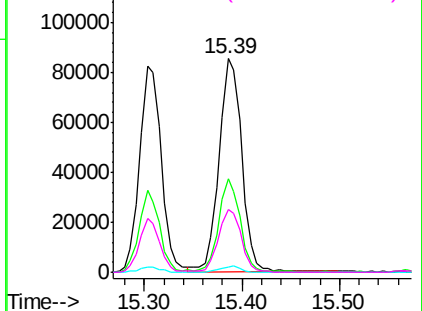
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	137724		
131	41.9	34.9	52.3	
130	2.6	2.0	3.0	
166	29.9	24.1	36.1	

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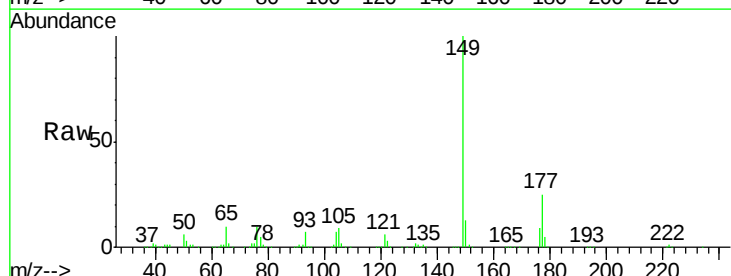


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

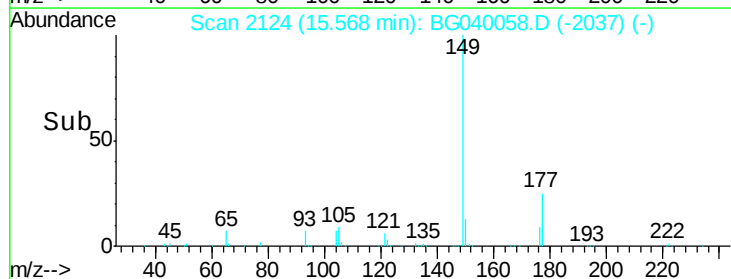
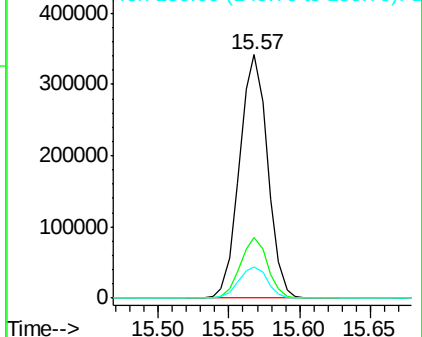


#60
 Diethylphthalate
 Concen: 46.272 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	474956		
177	24.6	18.3	27.5	
150	13.0	10.2	15.2	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





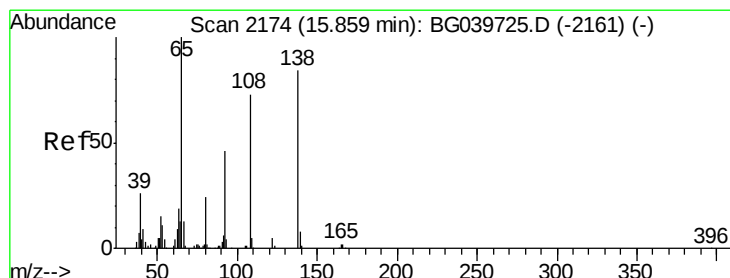
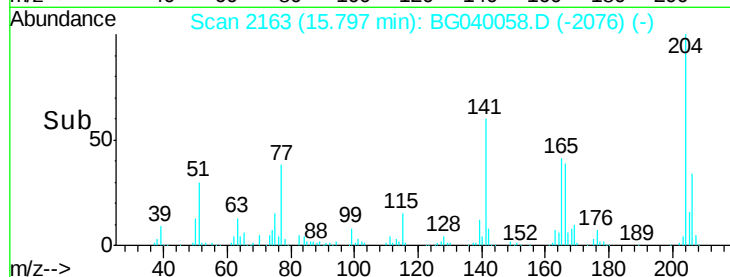
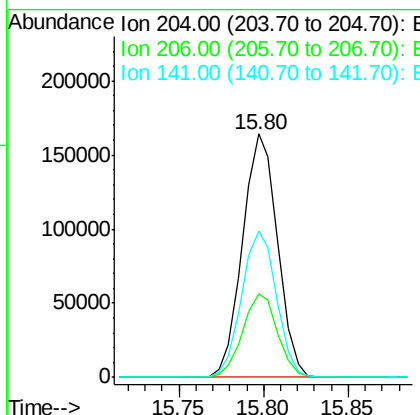
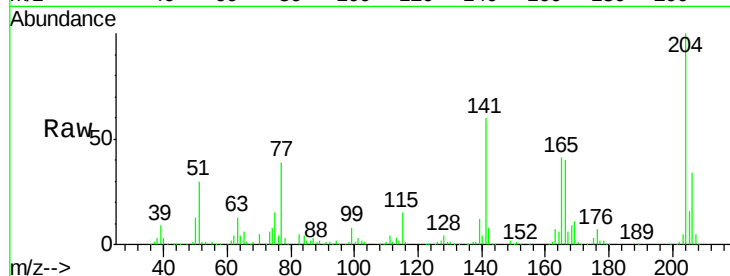
#61
4-Chlorophenyl-phenylether
Concen: 45.333 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	236533		
206	34.1	29.2	43.8	
141	60.3	49.0	73.4	

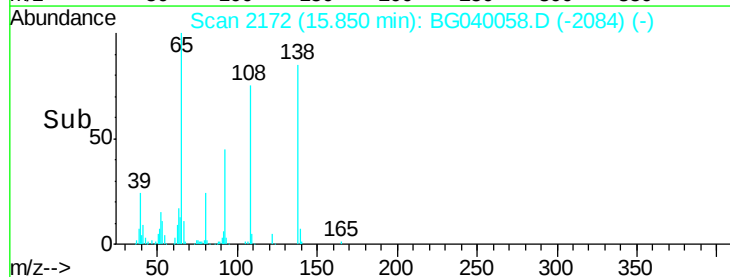
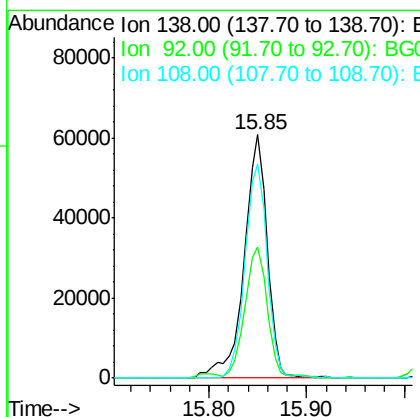
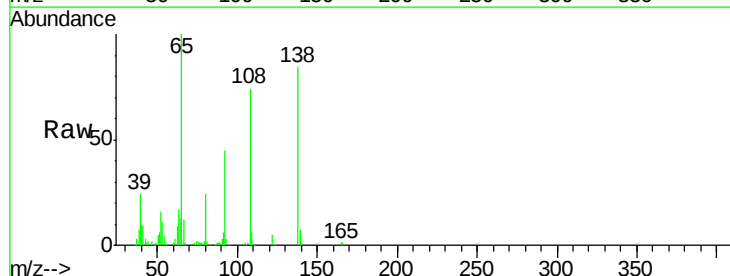
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#62
4-Nitroaniline
Concen: 41.966 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	100530		
92	53.6	38.7	78.7	
108	88.0	74.6	114.6	





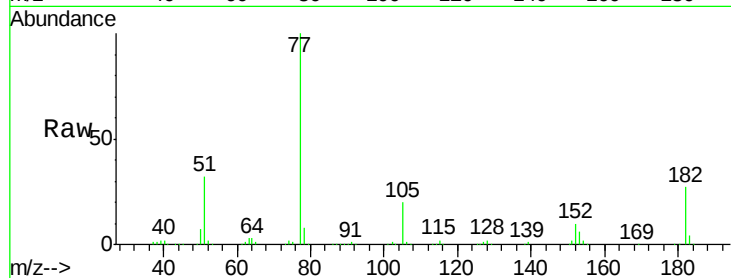
#63
Azobenzene
Concen: 45.837 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

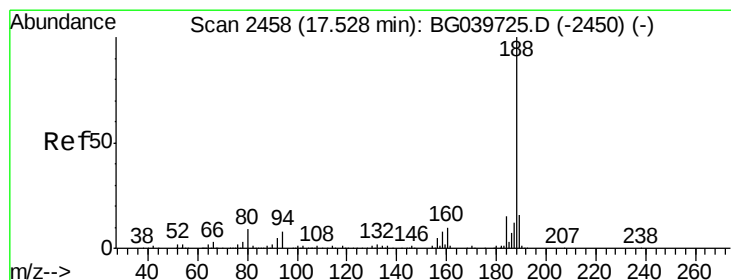
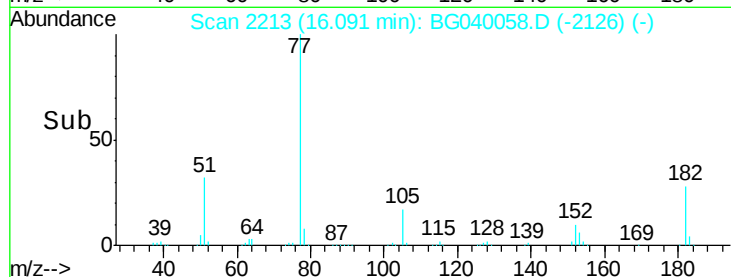
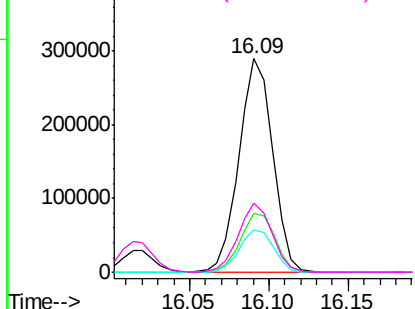
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	6.4	46.4
105	19.9	0.0	39.8
51	32.3	14.1	54.1

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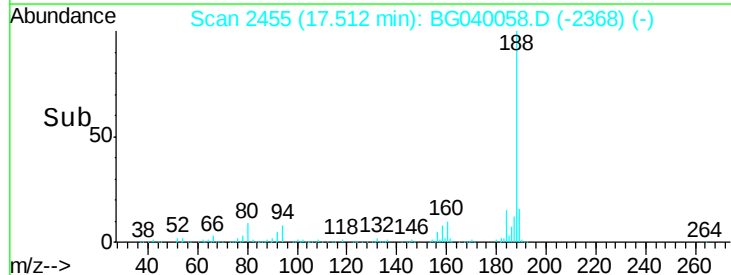
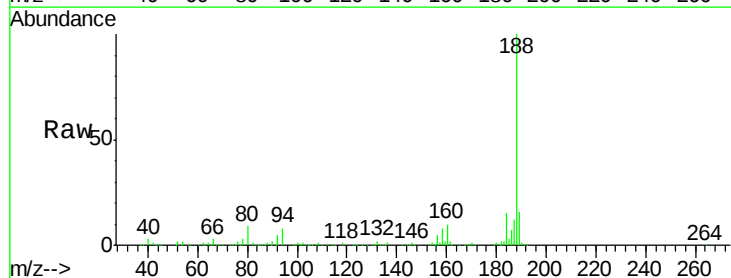
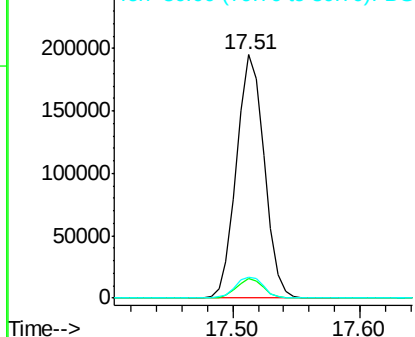
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

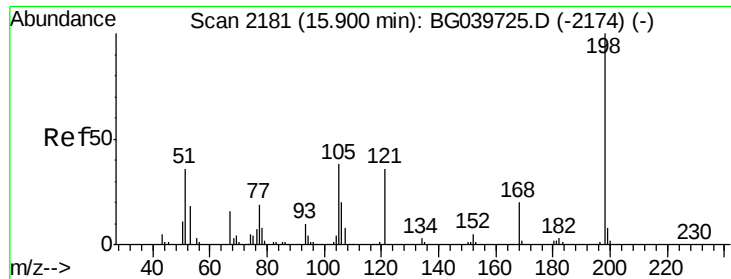


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.6	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: 25.210 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

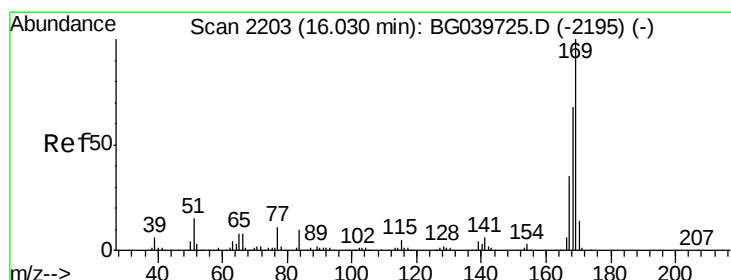
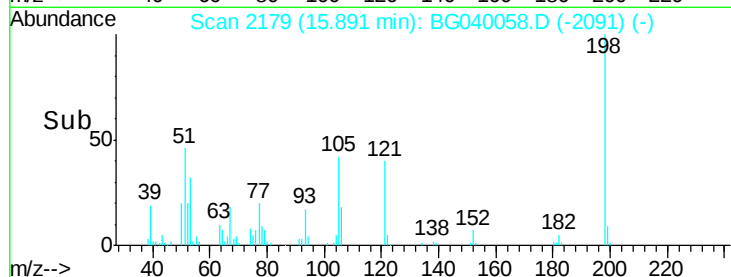
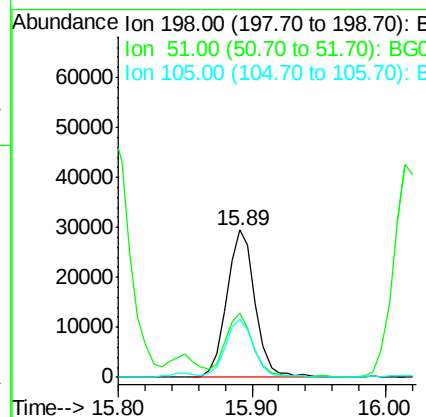
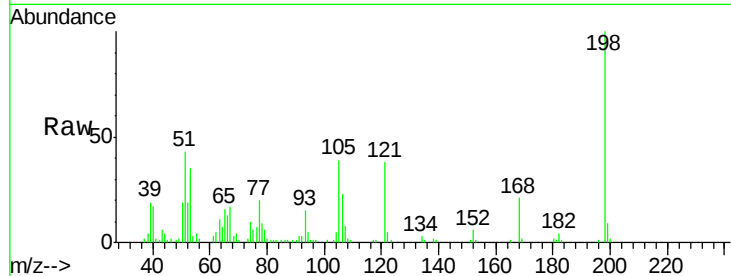
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	198	Resp:	43947
Ion Ratio	Lower	Upper	
198	100		
51	43.4	27.4	67.4
105	38.9	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 47.336 ng

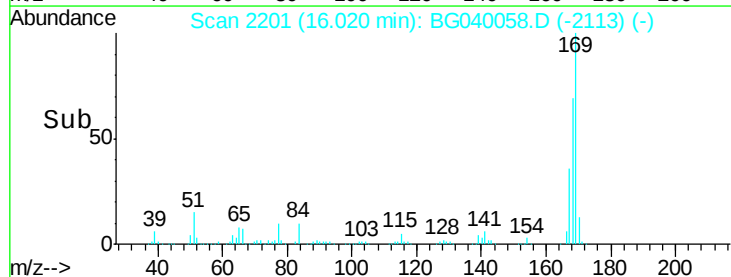
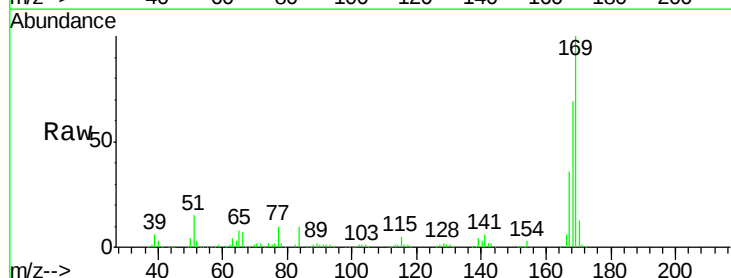
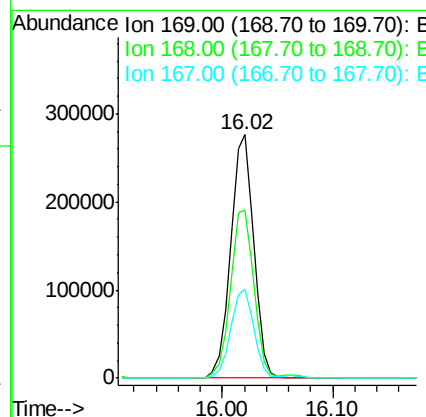
RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion:	169	Resp:	404044
Ion Ratio	Lower	Upper	
169	100		
168	69.3	56.6	85.0
167	36.3	28.8	43.2





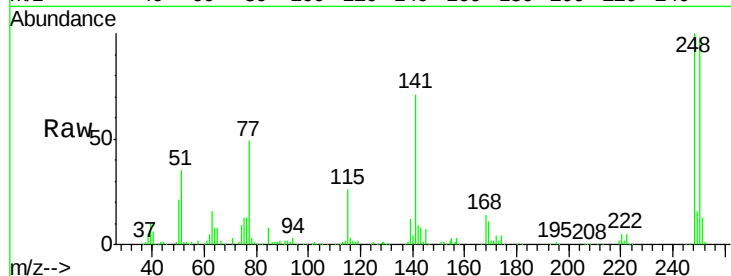
#67
4-Bromophenyl-phenylether
Concen: 47.105 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

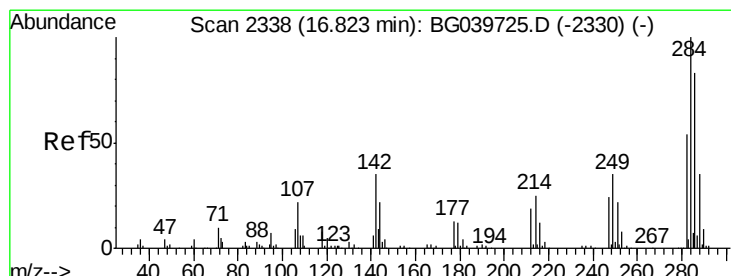
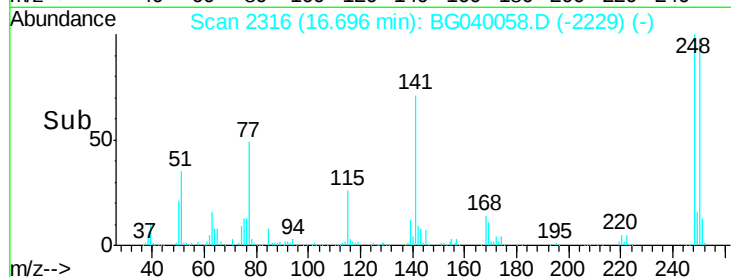
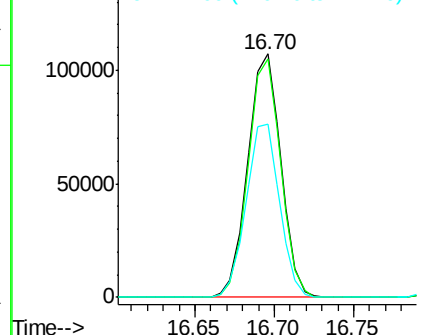
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	155456		
250	97.8	77.6	116.4	
141	71.1	63.9	95.9	

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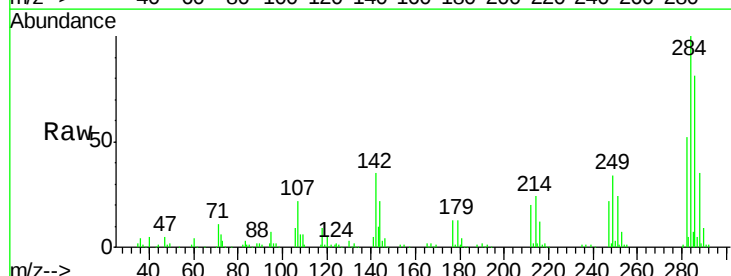


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

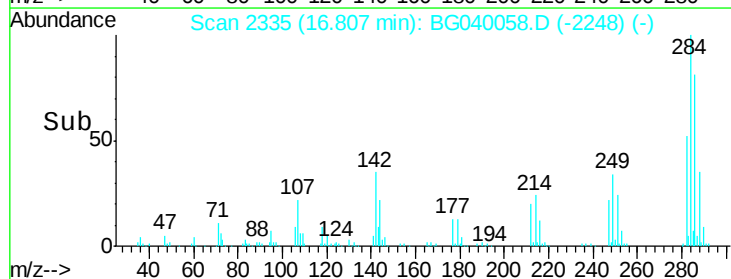
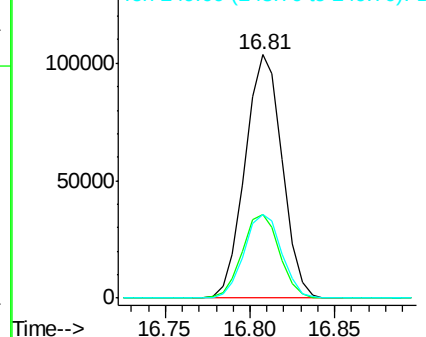


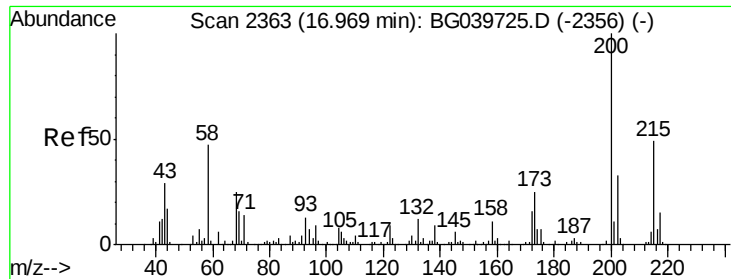
#68
Hexachlorobenzene
Concen: 46.146 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	157861		
142	34.5	30.6	45.8	
249	34.2	28.2	42.2	



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





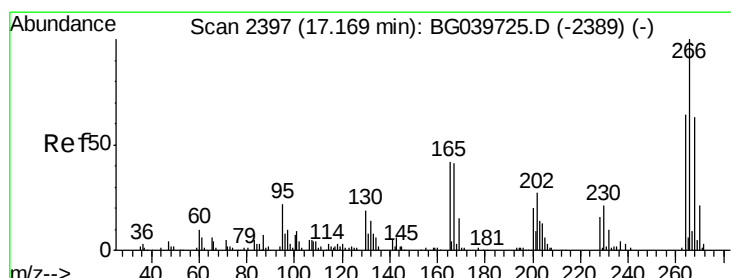
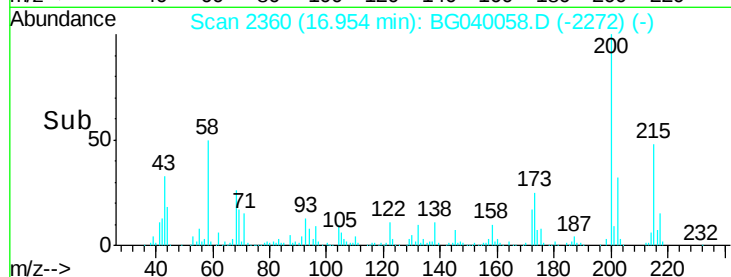
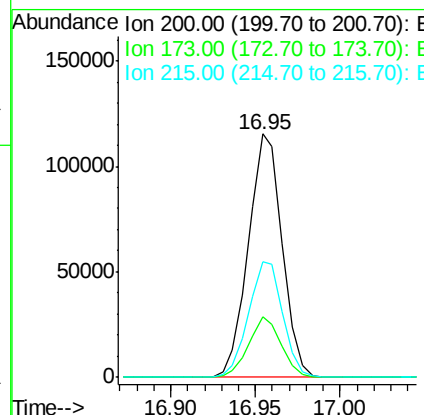
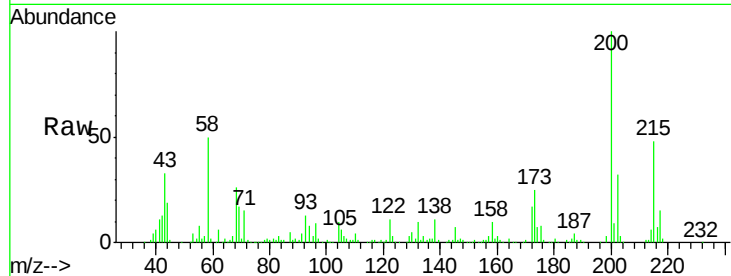
#69
Atrazine
Concen: 47.742 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.8	3.9	43.9
215	47.7	30.9	70.9

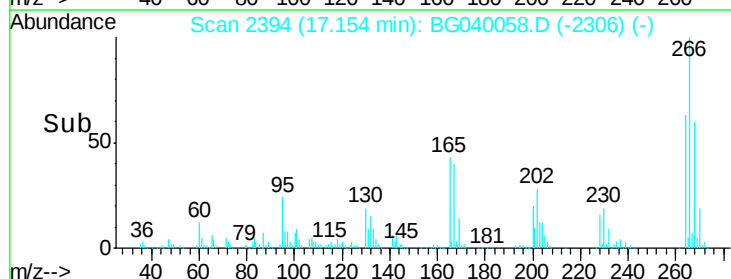
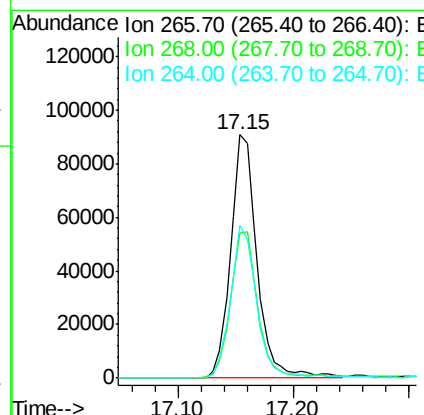
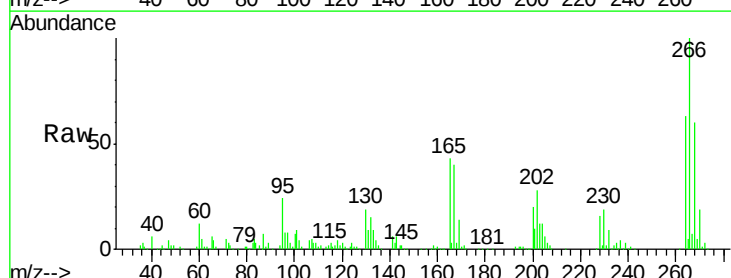
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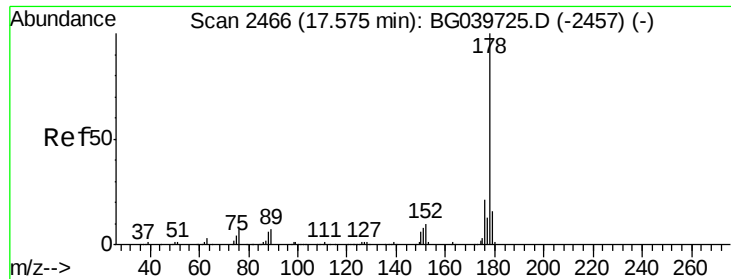
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#70
Pentachlorophenol
Concen: 66.428 ng
RT: 17.15 min Scan# 2394
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	59.7	51.1	76.7
264	62.7	52.1	78.1





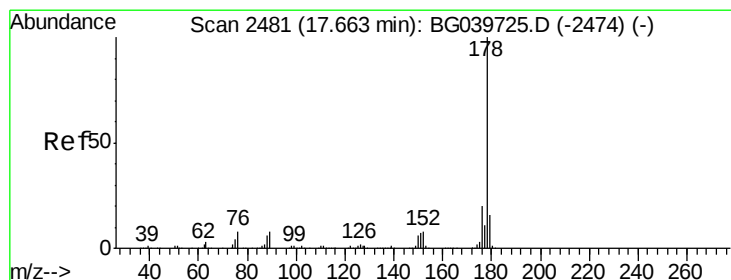
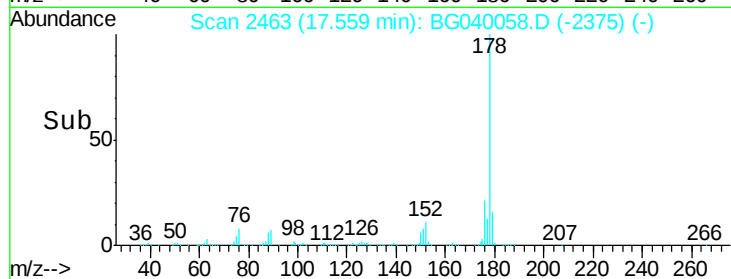
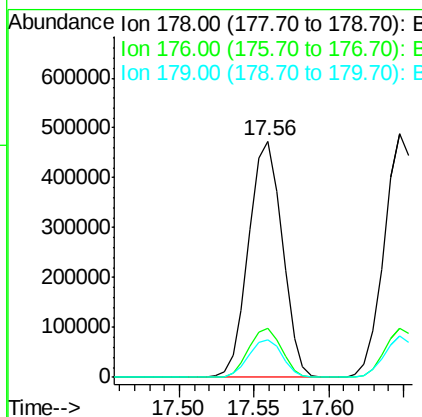
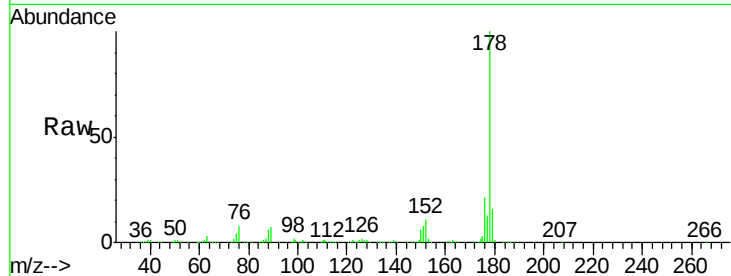
#71
Phenanthrene
Concen: 45.511 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.2	24.4
179	15.9	12.6	19.0

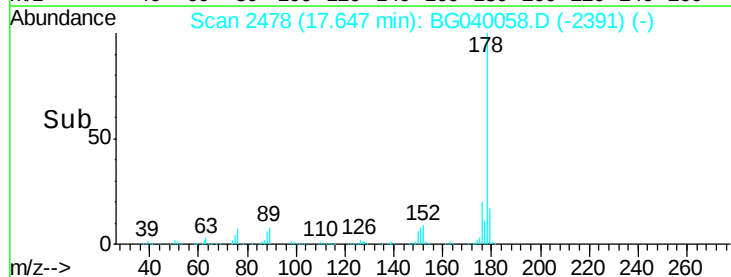
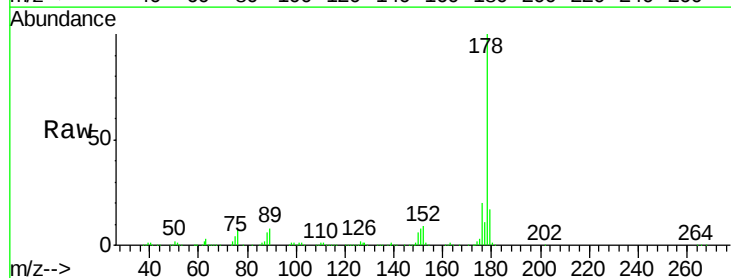
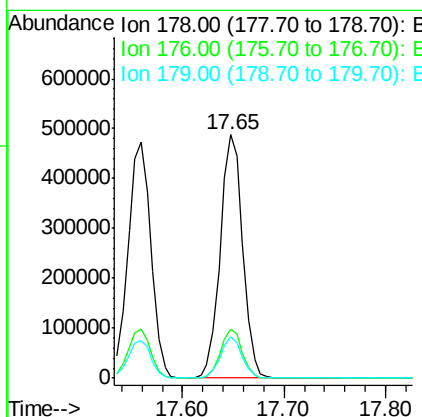
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#72
Anthracene
Concen: 47.146 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.8	12.5	18.7





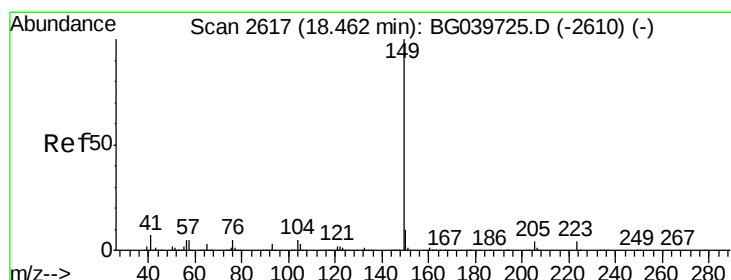
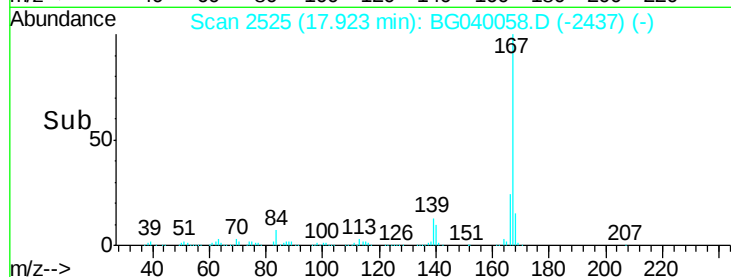
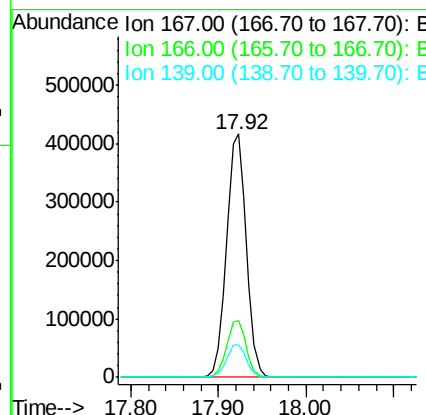
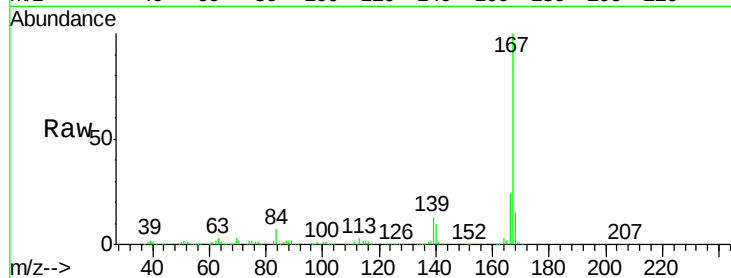
#73
 Carbazole
 Concen: 45.540 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.3	10.8	16.2

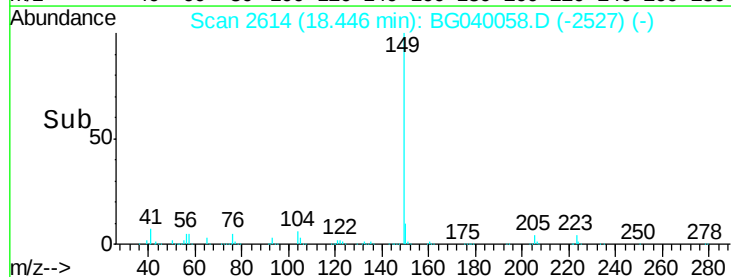
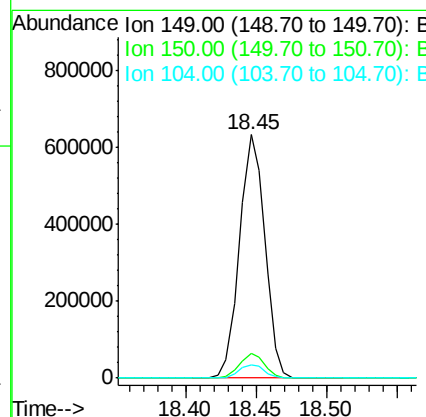
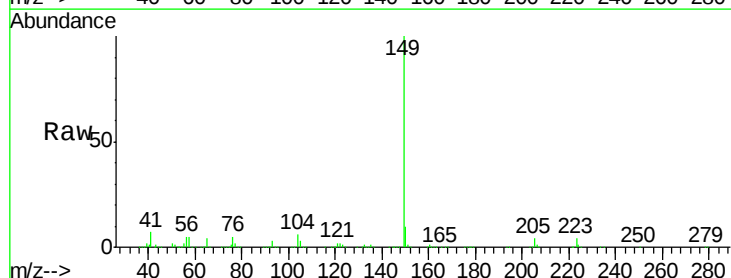
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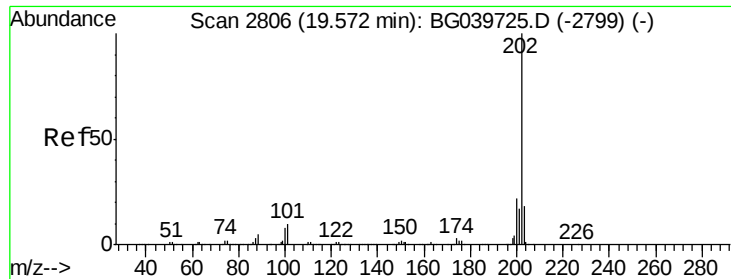
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#74
 Di-n-butylphthalate
 Concen: 47.222 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 44.871 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

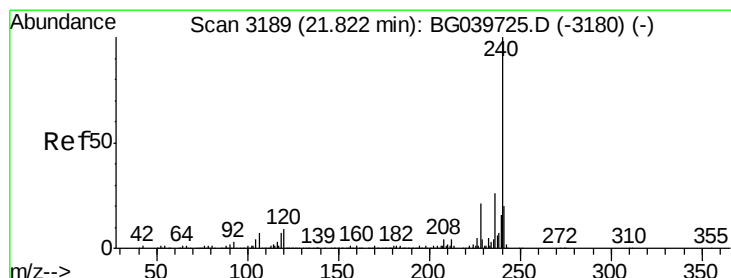
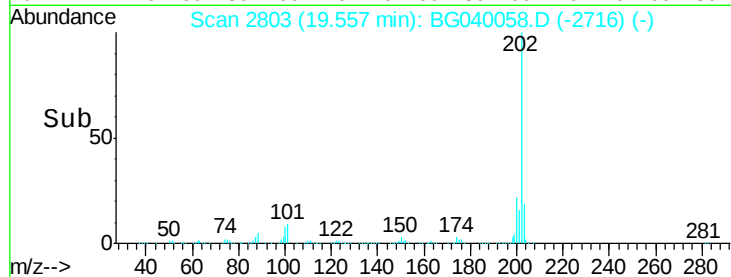
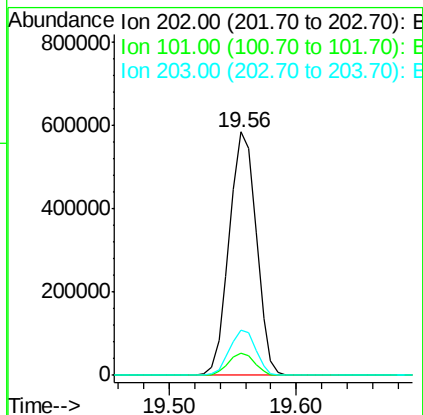
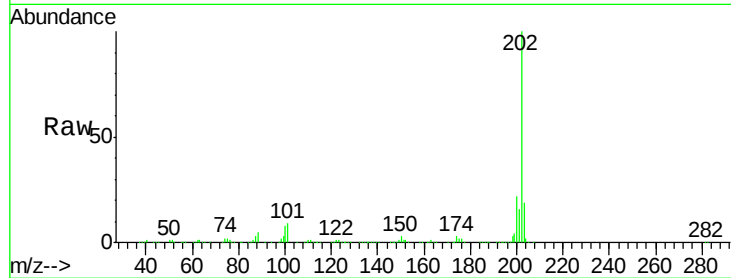
ClientSampleId :

JC-02-031919-AMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		861191		
101	9.3	0.0	30.0		
203	18.8	0.0	38.9		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

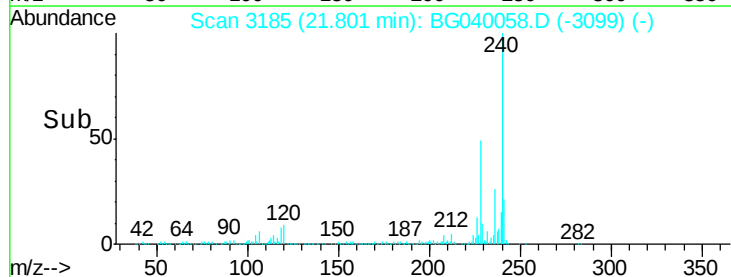
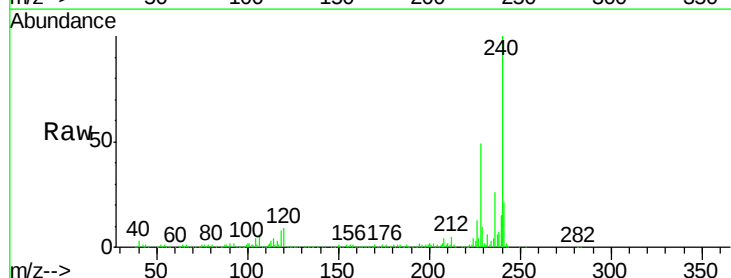
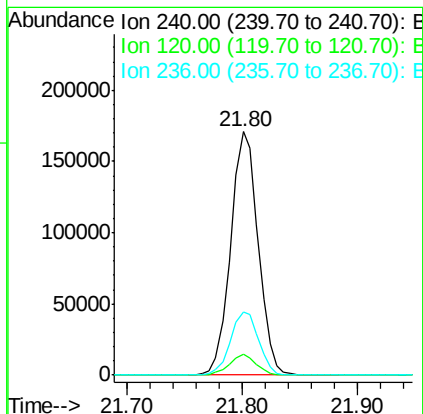
RT: 21.80 min Scan# 3185

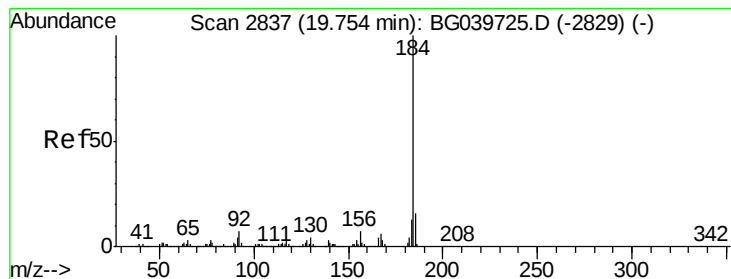
Delta R.T. -0.03 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		280967		
120	8.6	7.0	10.6		
236	25.9	21.0	31.4		





#77

Benzidine

Concen: 6.847 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

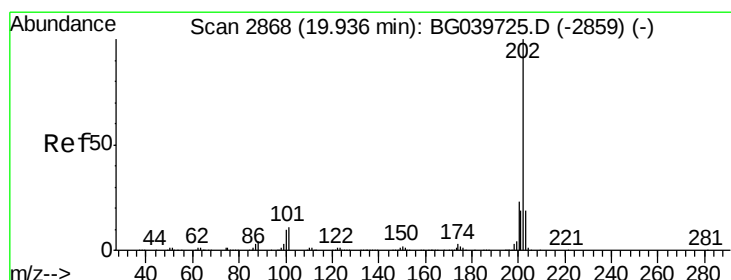
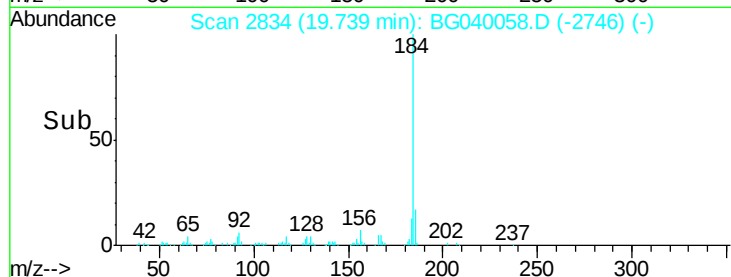
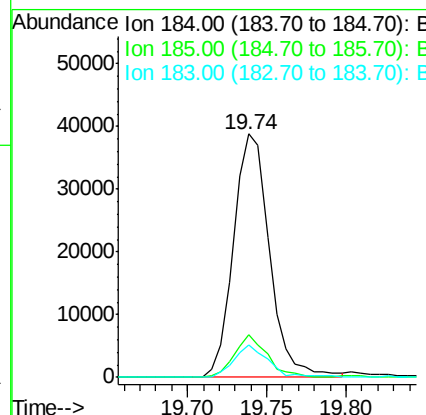
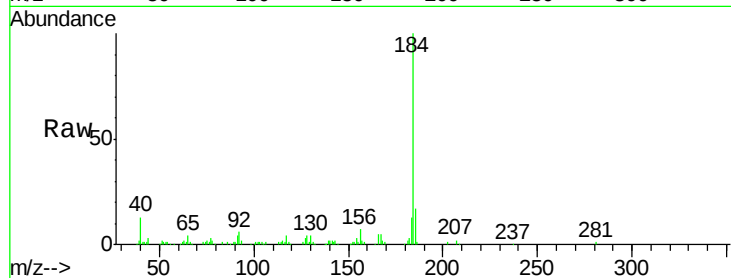
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	61051		
185	17.5	12.2	18.2	
183	13.4	10.6	15.8	

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#78

Pyrene

Concen: 47.279 ng

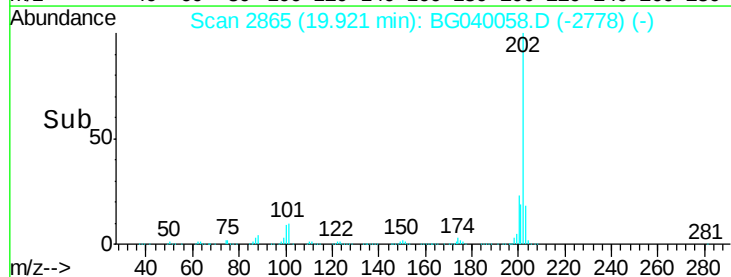
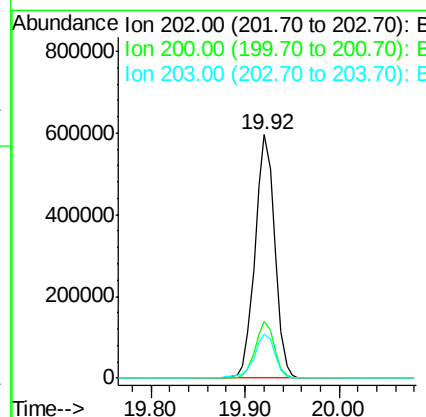
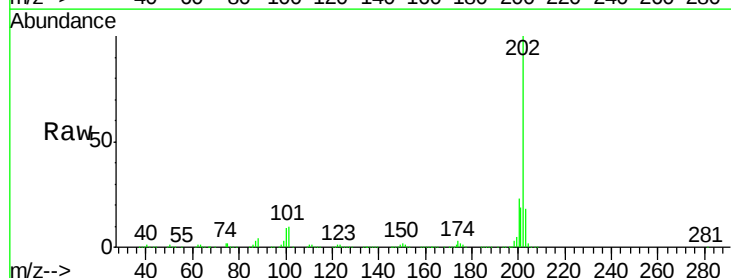
RT: 19.92 min Scan# 2865

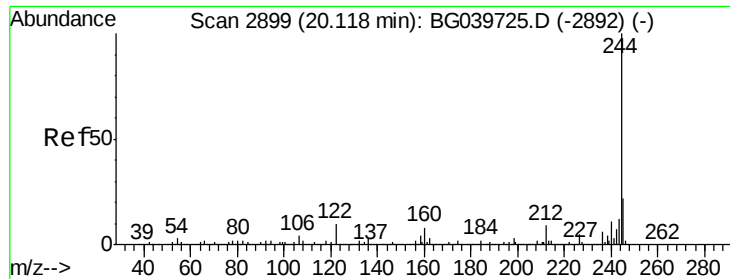
Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	863187		
200	23.4	17.8	26.8	
203	18.1	15.3	22.9	





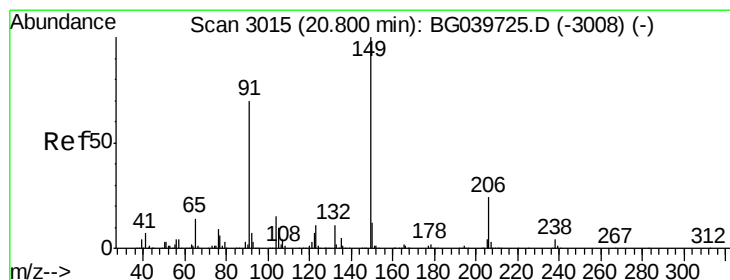
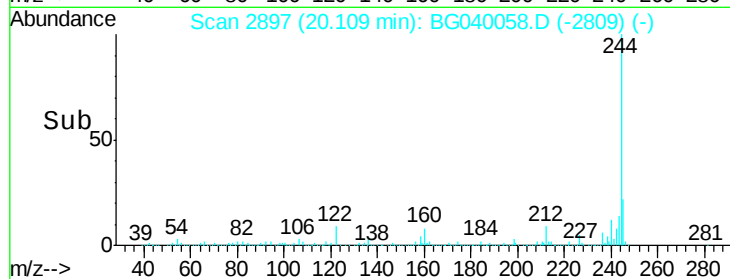
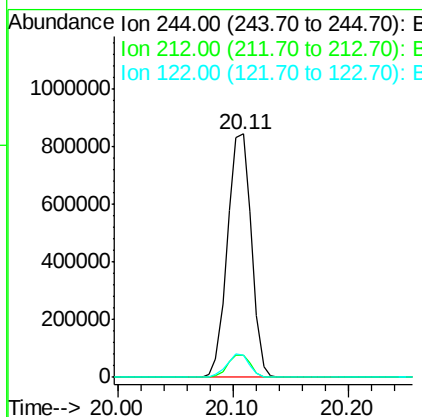
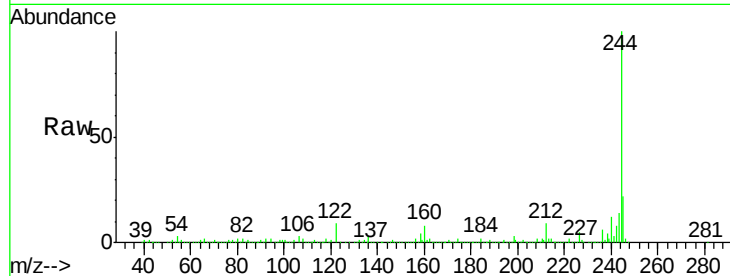
#79
 Terphenyl-d14
 Concen: 94.585 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.3	10.9
122	9.0	8.4	12.6

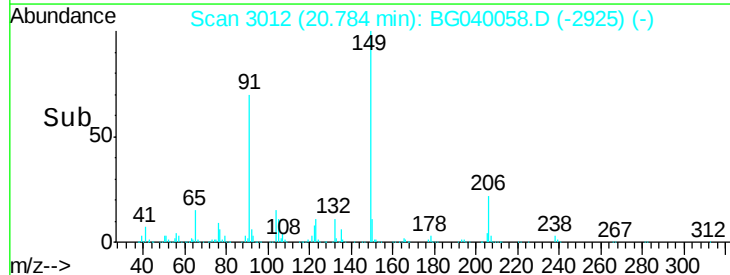
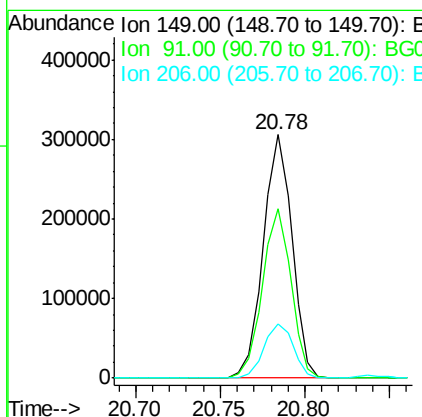
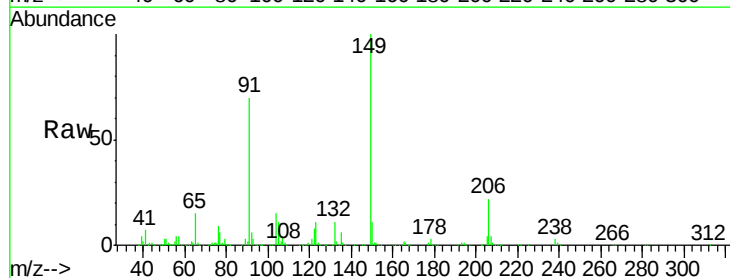
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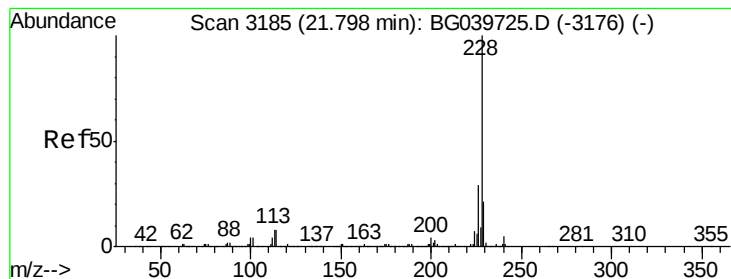
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#80
 Butylbenzylphthalate
 Concen: 51.114 ng
 RT: 20.78 min Scan# 3012
 Delta R.T. -0.02 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	59.5	89.3
206	22.5	18.6	27.8





#81

Benzo(a)anthracene

Concen: 45.904 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

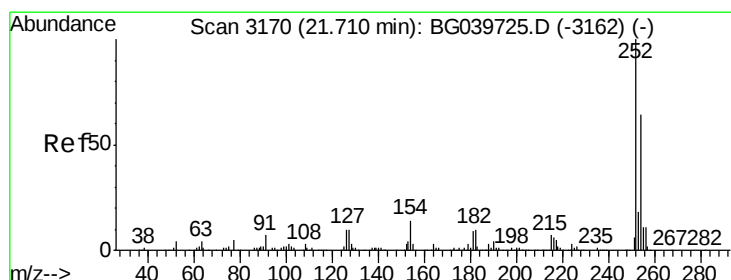
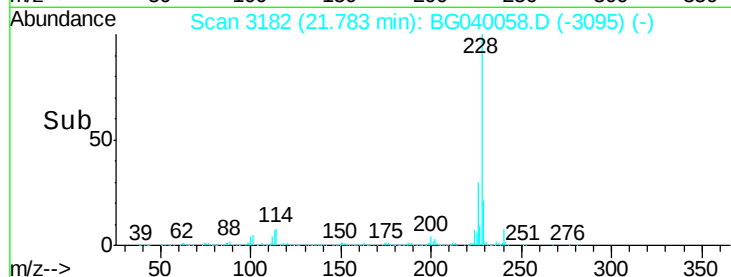
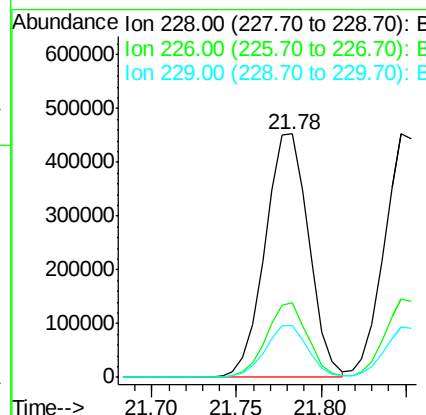
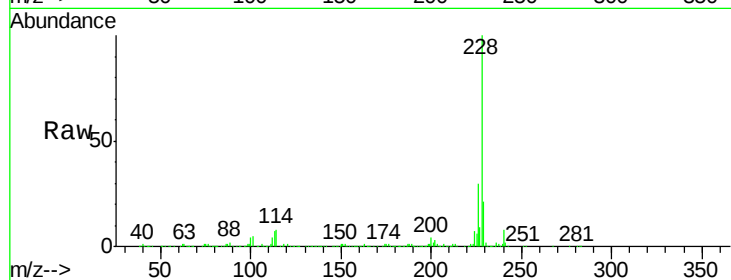
ClientSampleId :

JC-02-031919-AMSD

Tgt	Ion:228	Resp:	808316
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.6
229	21.0	16.9	25.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 11.974 ng

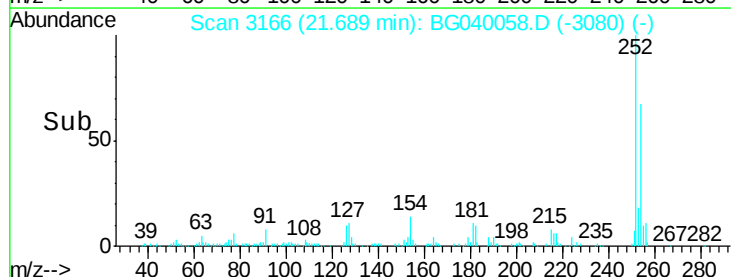
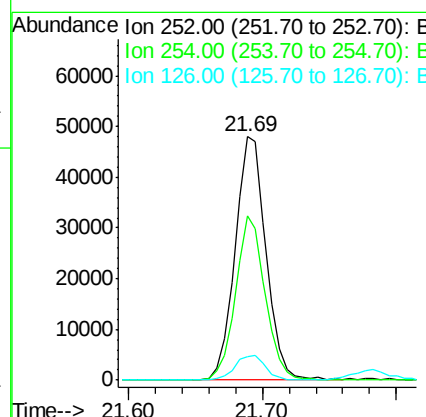
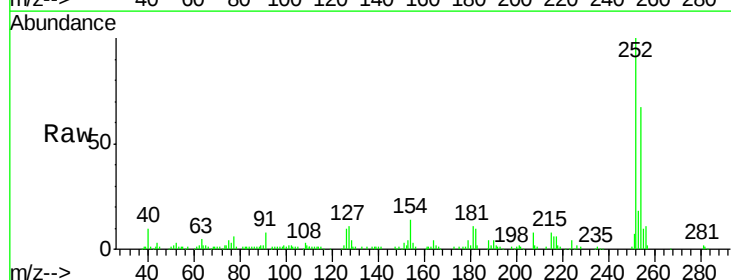
RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Tgt	Ion:252	Resp:	76978
Ion	Ratio	Lower	Upper
252	100		
254	67.4	51.3	76.9
126	9.6	8.0	12.0





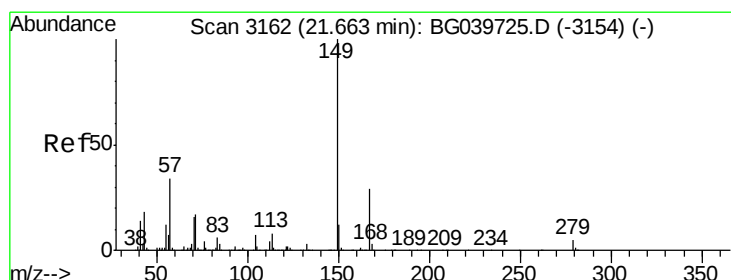
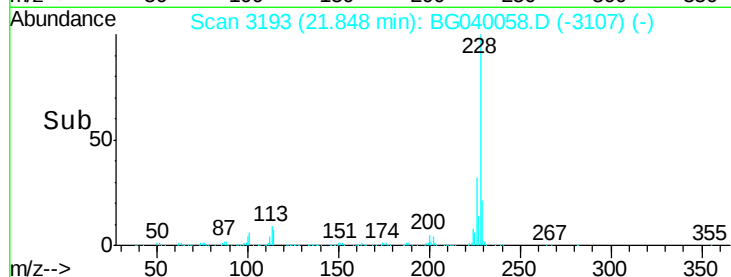
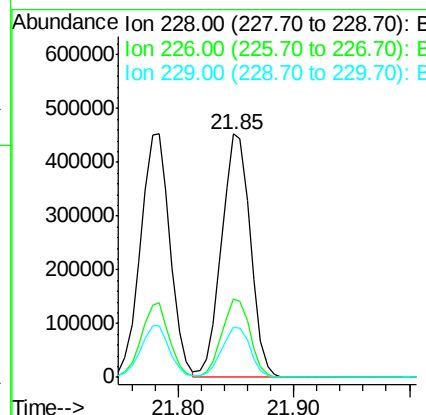
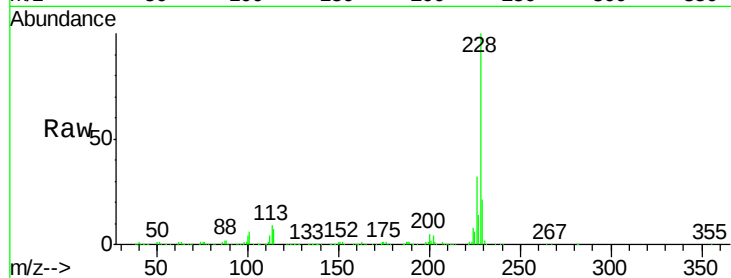
#83
Chrysene
Concen: 45.695 ng
RT: 21.85 min Scan# 3193
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	20.7	16.6	25.0

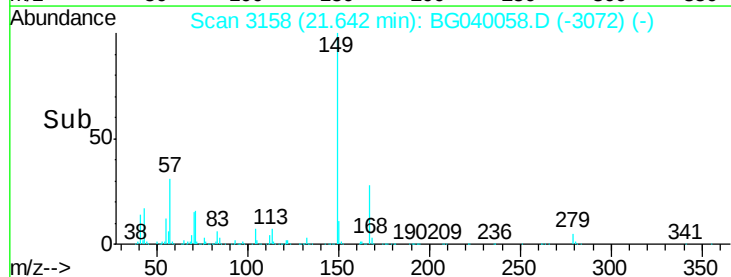
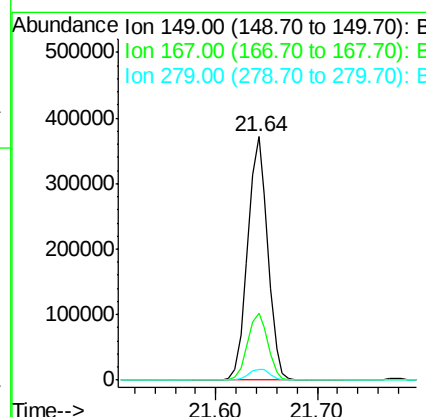
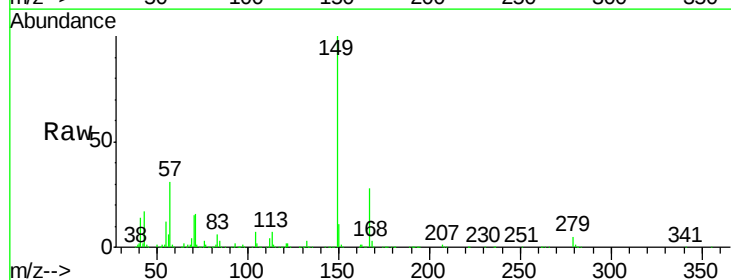
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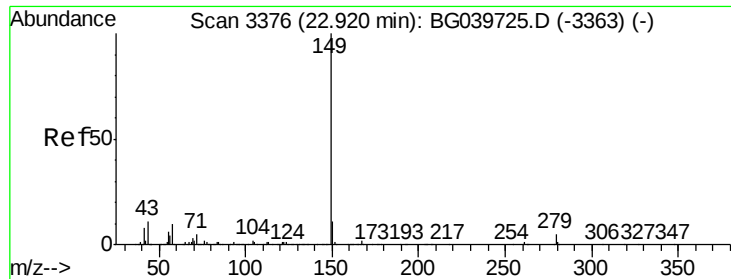
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.059 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	34.0
279	4.6	3.5	5.3





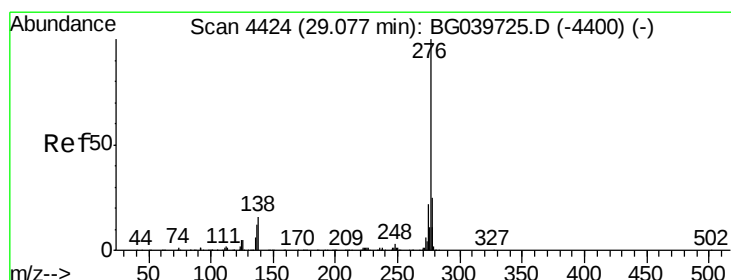
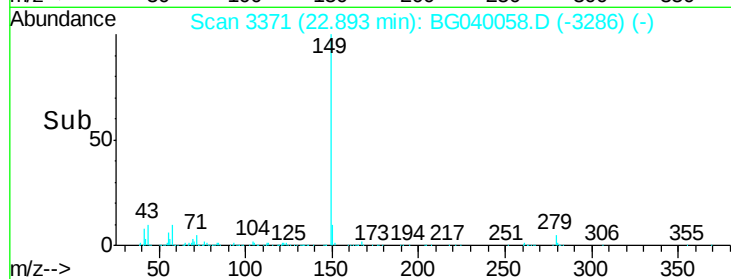
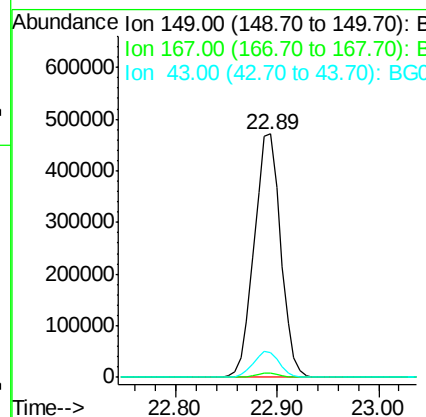
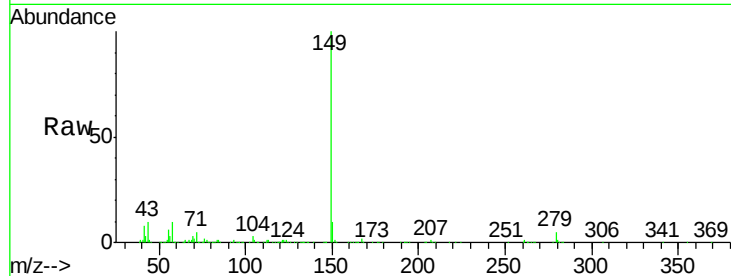
#85
 Di-n-octyl phthalate
 Concen: 52.034 ng
 RT: 22.89 min Scan# 3371
 Delta R.T. -0.03 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-031919-AMSD

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.5	10.2	15.4

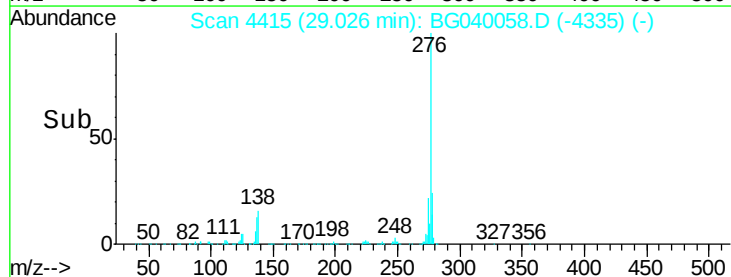
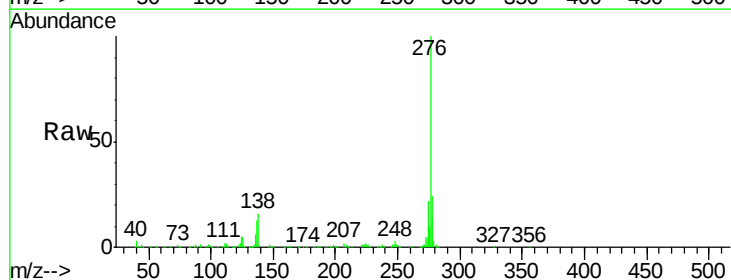
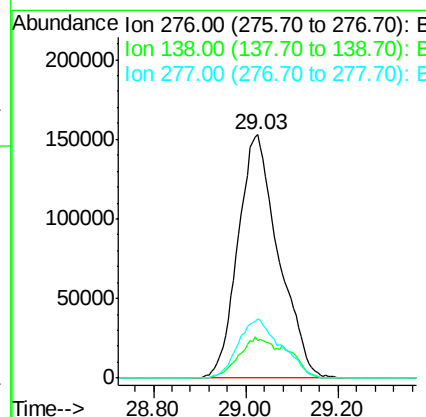
Manual Integrations
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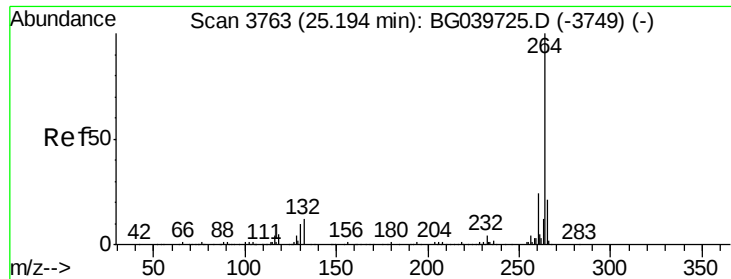
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 48.207 ng
 RT: 29.03 min Scan# 4415
 Delta R.T. -0.06 min
 Lab File: BG040058.D
 Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.6	12.6	19.0
277	25.8	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

Instrument :

BNA_G

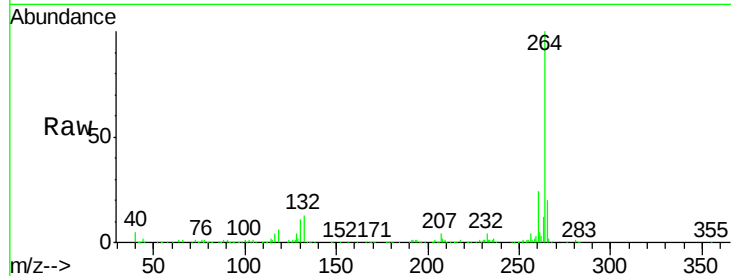
ClientSampleId :

JC-02-031919-AMSD

Tgt Ion:	264	Resp:	289678
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.2	27.4
265	19.9	18.5	27.7

Manual Integrations
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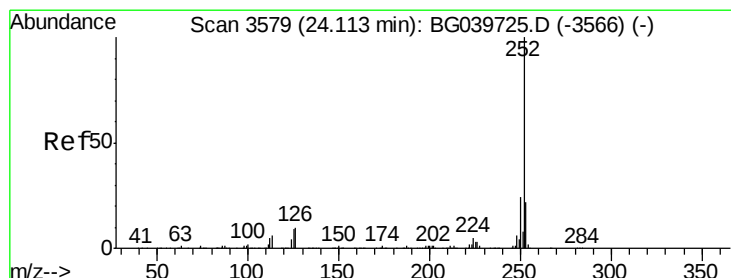
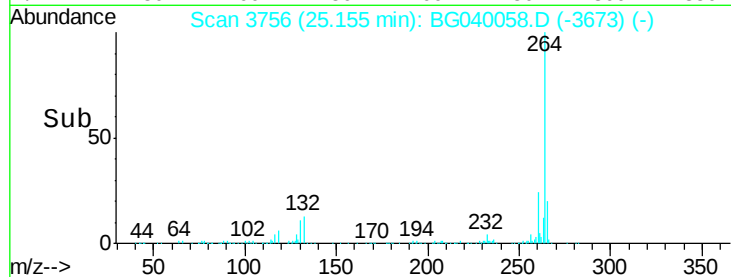
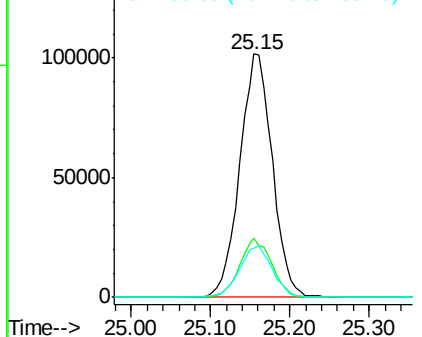
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.455 ng

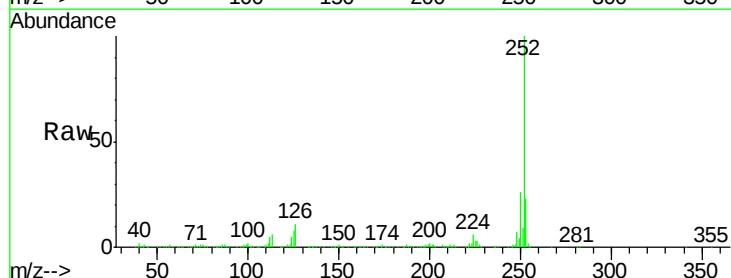
RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040058.D

Acq: 21 Mar 2019 7:07

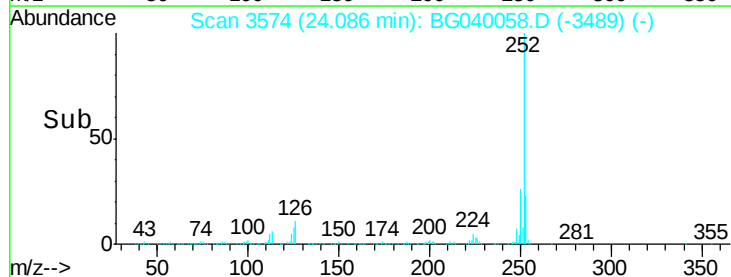
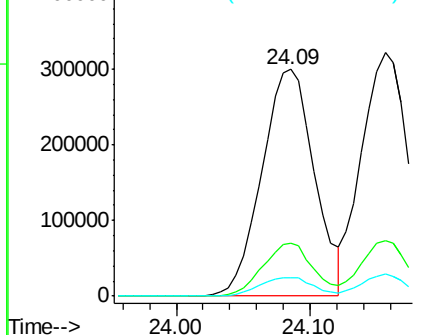
Tgt Ion:	252	Resp:	819738
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	8.1	7.8	11.6

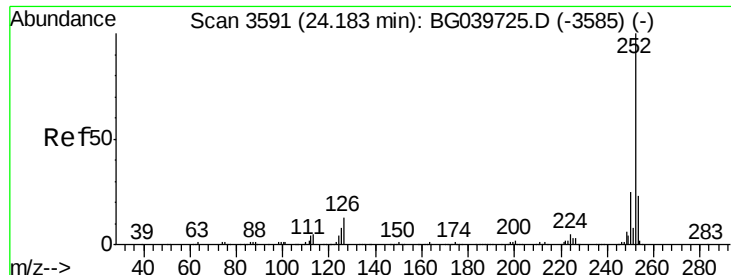


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





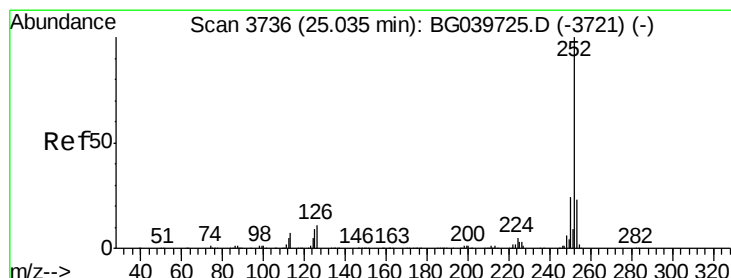
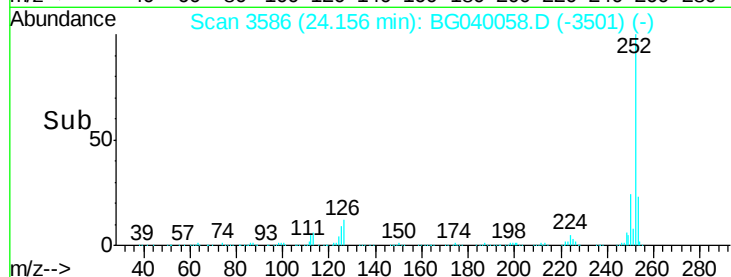
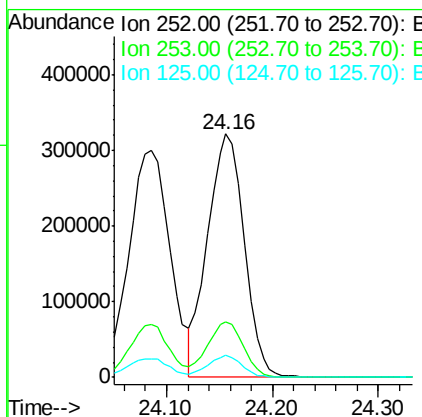
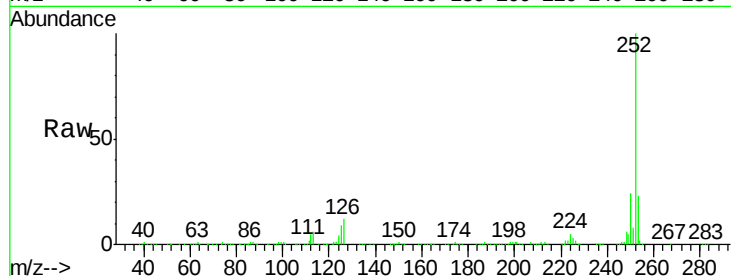
#89
Benzo(k)fluoranthene
Concen: 48.266 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.0	7.4	11.2

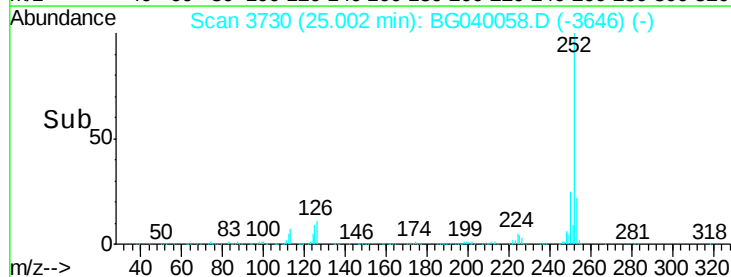
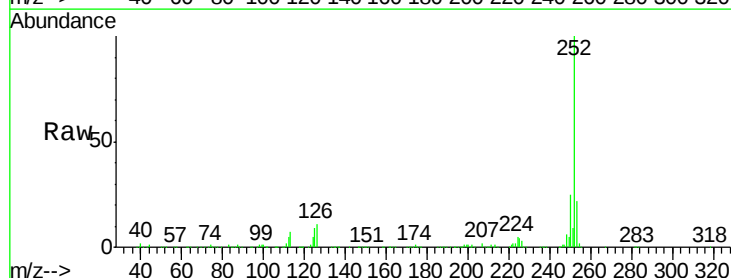
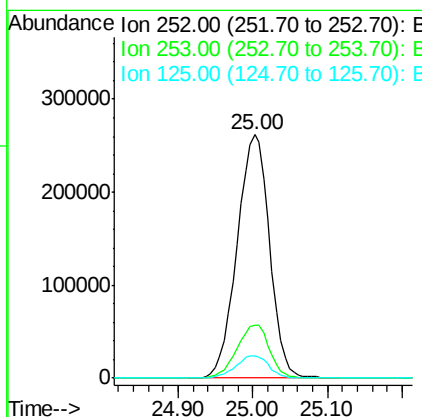
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#90
Benzo(a)pyrene
Concen: 49.408 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	9.1	8.3	12.5





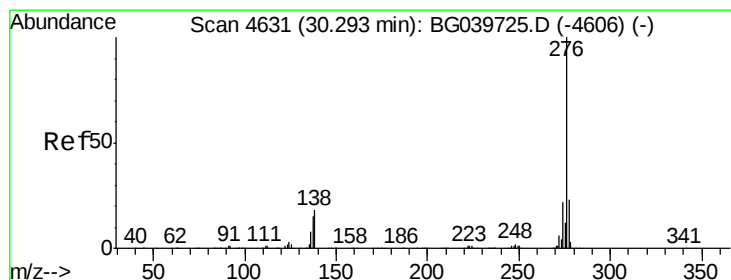
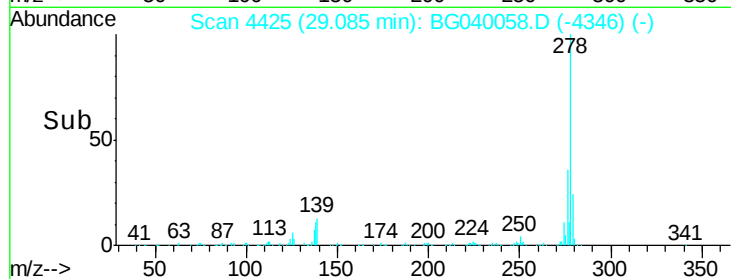
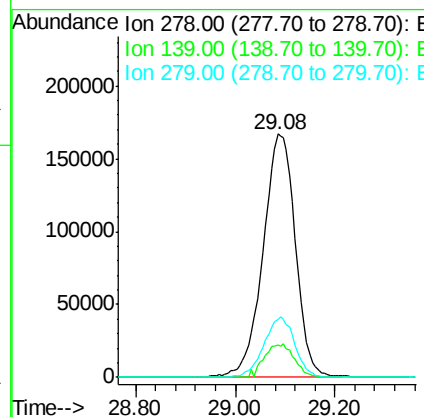
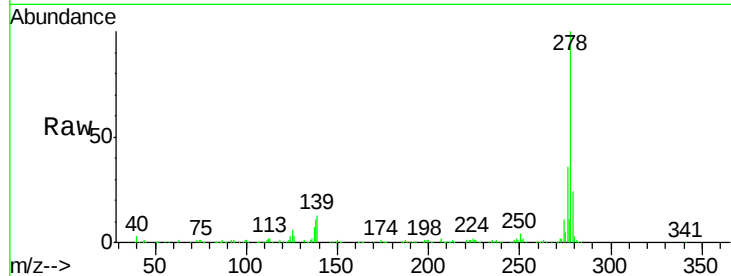
#91
Dibenzo(a,h)anthracene
Concen: 48.057 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Instrument :
BNA_G
ClientSampleId :
JC-02-031919-AMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	23.6	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.788 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040058.D
Acq: 21 Mar 2019 7:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	17.9	14.7	22.1

