

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042438.D
 Acq On : 23 Aug 2019 18:08
 Operator : HP/JU
 Sample : K4086-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Manual Integrations
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 8/26/2019 2:01:58 PM

Quant Time: Aug 24 02:15:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	110912	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	372884	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	234311	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	492563	20.00	ng	0.00
76) Chrysene-d12	21.70	240	429185	20.00	ng	0.00
87) Perylene-d12	24.95	264	528887	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	790170	144.29	ng	0.00
7) Phenol-d6	7.17	99	845568	114.31	ng	0.00
23) Nitrobenzene-d5	9.18	82	529797	98.18	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	481244	144.50	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1292433	93.29	ng	0.00
79) Terphenyl-d14	20.03	244	1875940	94.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	89277	39.064	ng	# 63
3) Pyridine	3.84	79	210240	35.876	ng	94
4) n-Nitrosodimethylamine	3.74	42	85847	41.015	ng	79
6) Aniline	7.33	93	129156	13.091	ng	98
8) 2-Chlorophenol	7.57	128	273068	41.144	ng	98
9) Benzaldehyde	7.13	77	98805	26.679	ng	94
10) Phenol	7.20	94	270242	35.931	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	243263	41.183	ng	99
12) 1,3-Dichlorobenzene	7.90	146	280076	33.172	ng	100
13) 1,4-Dichlorobenzene	8.04	146	304995	35.663	ng	97
14) 1,2-Dichlorobenzene	8.36	146	271464	33.146	ng	98
15) Benzyl Alcohol	8.25	79	199577	37.501	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	375205	46.865	ng	99
17) 2-Methylphenol	8.46	107	257914	46.557	ng	95
18) Hexachloroethane	9.09	117	90638	30.958	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	212975	44.440	ng	98
20) 3+4-Methylphenols	8.79	107	347338	45.311	ng	98
22) Acetophenone	8.83	105	438547	54.988	ng	98
24) Nitrobenzene	9.22	77	251750	46.073	ng	98
25) Isophorone	9.74	82	479204	44.999	ng	99
26) 2-Nitrophenol	9.93	139	156094	45.585	ng	99
27) 2,4-Dimethylphenol	10.00	122	271975	57.660	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	392584	58.491	ng	99
29) 2,4-Dichlorophenol	10.48	162	325714	52.778	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	302249	39.901	ng	98
31) Naphthalene	10.88	128	782612	45.206	ng	99
32) Benzoic acid	10.15	122	148725	44.220	ng	96
33) 4-Chloroaniline	11.00	127	50422	6.309	ng	97
34) Hexachlorobutadiene	11.17	225	184637	36.268	ng	99
35) Caprolactam	11.76	113	70658m	34.313	ng	
36) 4-Chloro-3-methylphenol	12.13	107	275355	47.002	ng	96
37) 2-Methylnaphthalene	12.49	142	714536	51.403	ng	98
38) 1-Methylnaphthalene	12.71	142	575568	43.591	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	341561	45.393	ng	99

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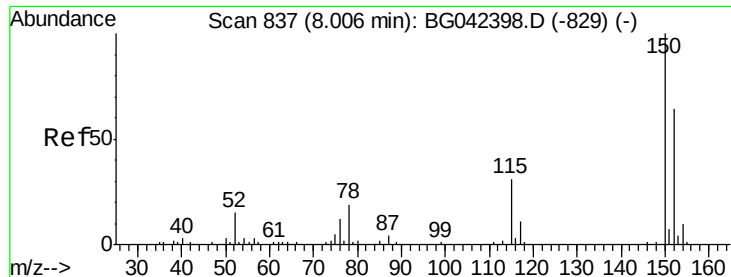
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	128704	32.562	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	229897	45.201	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	240886	45.703	ng	96
46) 1,1'-Biphenyl	13.50	154	769021	50.774	ng	98
47) 2-Chloronaphthalene	13.54	162	589854	45.165	ng	96
48) 2-Nitroaniline	13.74	65	143080	45.432	ng	96
49) Acenaphthylene	14.39	152	1017959	51.809	ng	97
50) Dimethylphthalate	14.12	163	925421	54.738	ng	99
51) 2,6-Dinitrotoluene	14.24	165	224290	57.235	ng	97
52) Acenaphthene	14.73	154	542867	45.502	ng	99
53) 3-Nitroaniline	14.56	138	90016	22.968	ng	95
54) 2,4-Dinitrophenol	14.78	184	44814	21.898	ng	96
55) Dibenzofuran	15.06	168	879053	44.512	ng	98
56) 4-Nitrophenol	14.89	139	272490	97.847	ng	94
57) 2,4-Dinitrotoluene	15.03	165	247200	44.052	ng	98
58) Fluorene	15.72	166	738252	45.731	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	219865	42.182	ng	# 87
60) Diethylphthalate	15.48	149	682844	41.317	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	428128	43.994	ng	99
62) 4-Nitroaniline	15.73	138	139193	33.185	ng	94
63) Azobenzene	16.00	77	728712	64.347	ng	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	36043	11.671	ng	96
66) n-Nitrosodiphenylamine	15.92	169	863755	63.765	ng	95
67) 4-Bromophenyl-phenylether	16.60	248	331312	53.028	ng	97
68) Hexachlorobenzene	16.73	284	335107	49.339	ng	# 91
69) Atrazine	16.87	200	298679	62.352	ng	99
70) Pentachlorophenol	17.07	266	375585	106.430	ng	97
71) Phenanthrene	17.46	178	1128303	46.116	ng	97
72) Anthracene	17.55	178	1162226	47.584	ng	97
73) Carbazole	17.82	167	1054649	48.449	ng	97
74) Di-n-butylphthalate	18.38	149	1124330	43.693	ng	99
75) Fluoranthene	19.47	202	1231044	41.228	ng	97
77) Benzidine	19.65	184	619530	50.348	ng	99
78) Pyrene	19.83	202	1267273	48.161	ng	96
80) Butylbenzylphthalate	20.72	149	512087	49.479	ng	98
81) Benzo(a)anthracene	21.68	228	1207129	46.236	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	356501	33.952	ng	98
83) Chrysene	21.74	228	1179280	46.836	ng	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	705508	49.097	ng	100
85) Di-n-octyl phthalate	22.80	149	1221873	49.439	ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1504697	43.974	ng	99
88) Benzo(b)fluoranthene	23.92	252	1295407	44.552	ng	98
89) Benzo(k)fluoranthene	23.98	252	1358157m	48.595	ng	
90) Benzo(a)pyrene	24.79	252	1309320	47.455	ng	98
91) Dibenzo(a,h)anthracene	28.72	278	1277342	45.724	ng	97
92) Benzo(g,h,i)perylene	29.82	276	1159314	41.493	ng	97

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



#1

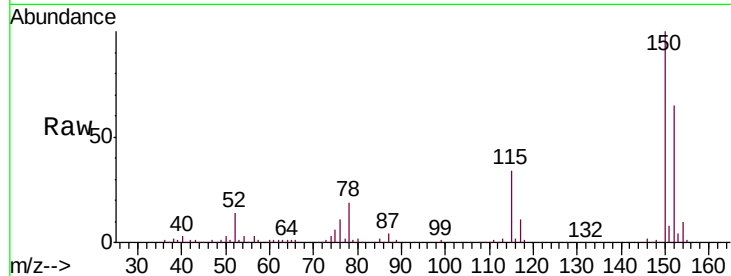
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.4	188.0
115	52.3	38.5	57.7

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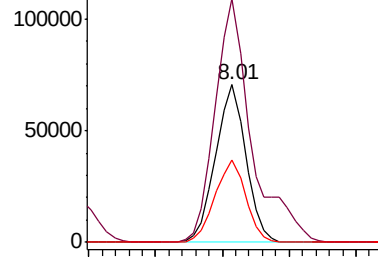


Abundance

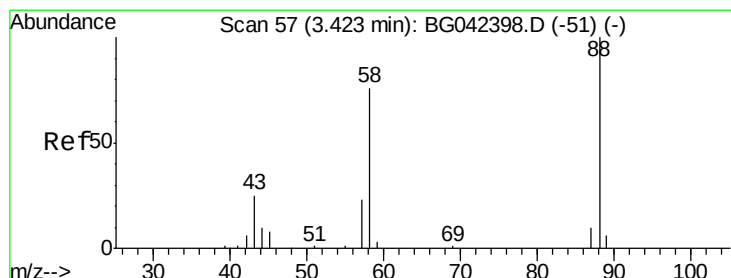
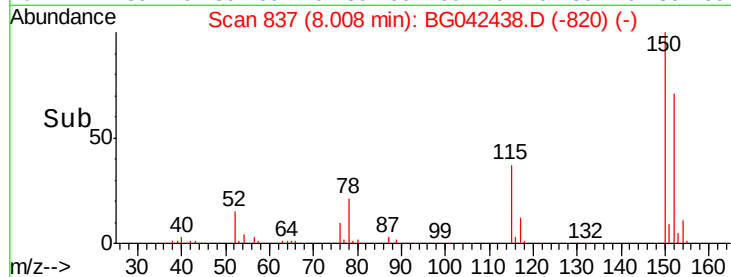
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



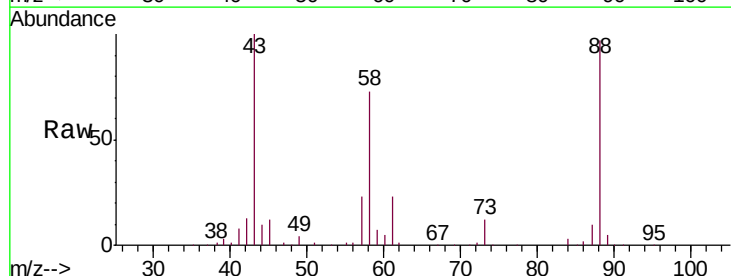
Time-->



#2

1,4-Dioxane
Concen: 39.064 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	58.3	87.5
43	94.6	20.2	30.2

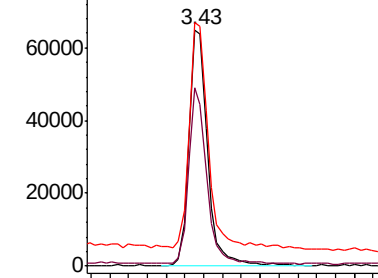


Abundance

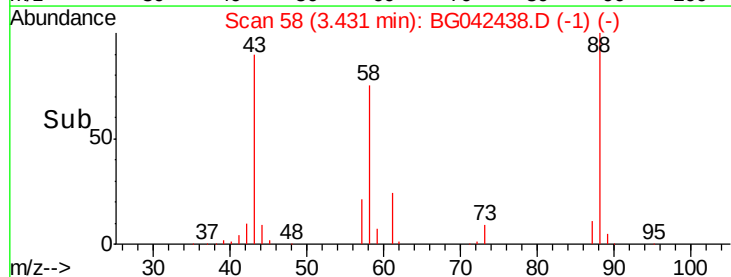
Ion 88.00 (87.70 to 88.70): BGC

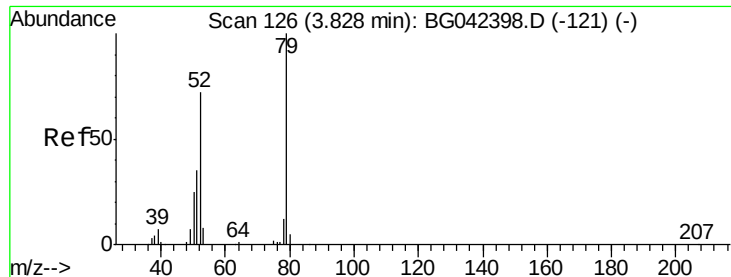
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 35.876 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

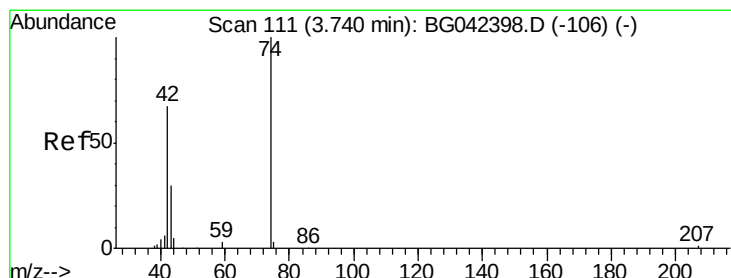
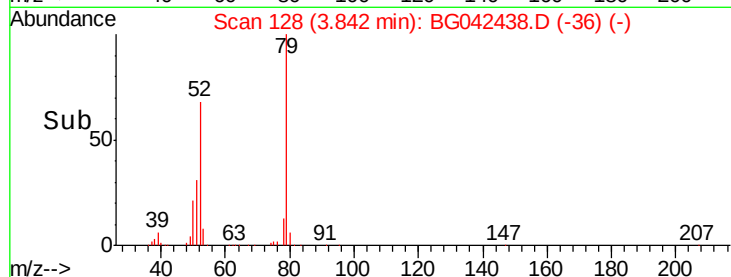
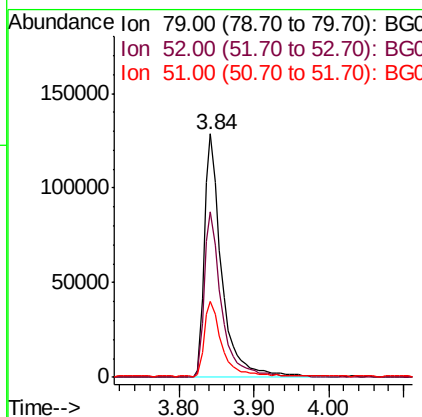
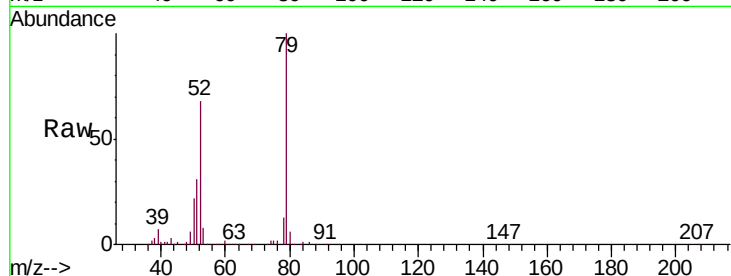
ClientSampleId :

NB-08-082019MS

Tot Ion:	79	Resp:	210240
Ion	Ratio	Lower	Upper
79	100		
52	68.1	57.7	86.5
51	31.4	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 41.015 ng

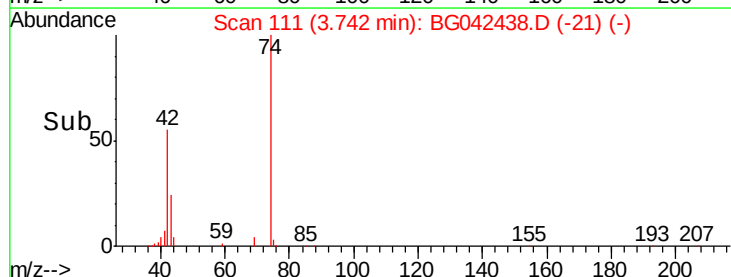
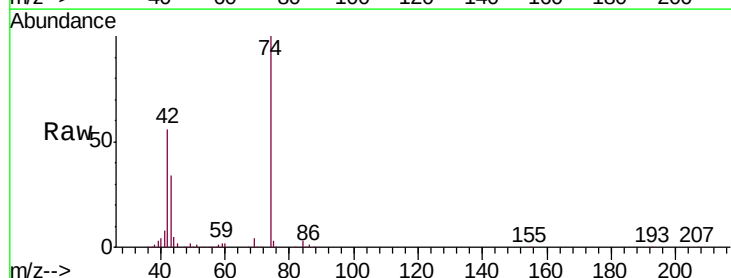
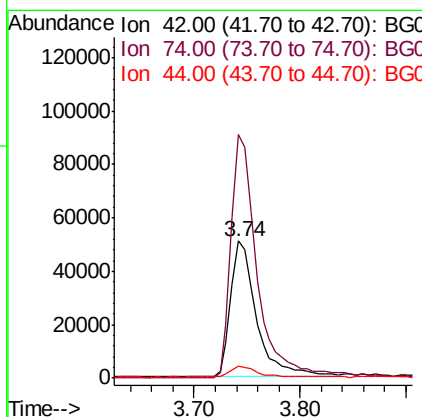
RT: 3.74 min Scan# 111

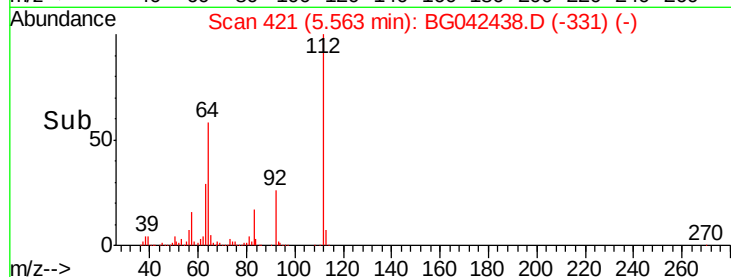
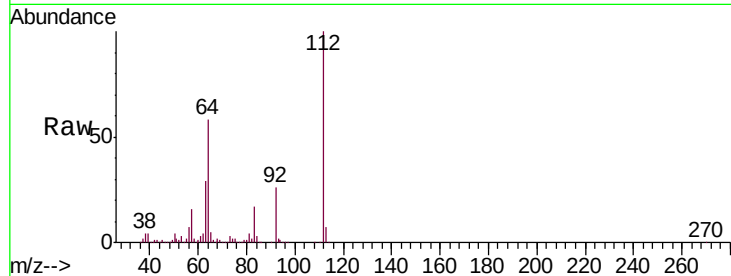
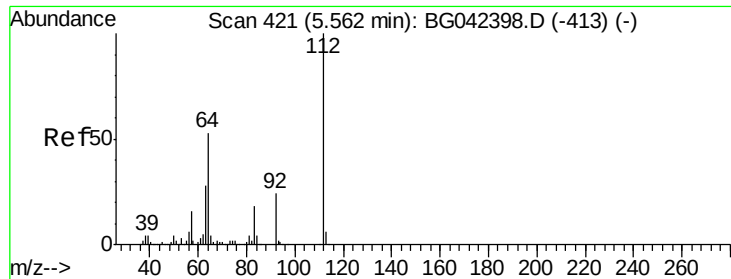
Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion:	42	Resp:	85847
Ion	Ratio	Lower	Upper
42	100		
74	177.4	119.6	179.4
44	8.6	6.5	9.7





#5

2-Fluorophenol

Concen: 144.288 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tot Ion:	112	Resp:	790170
Ion Ratio	Lower	Upper	
112	100		
64	57.9	42.8	64.2
63	28.6	22.7	34.1

Instrument :

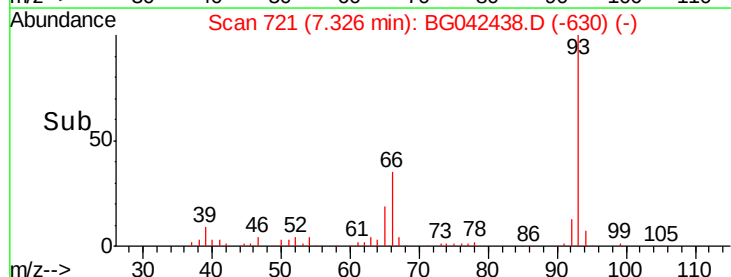
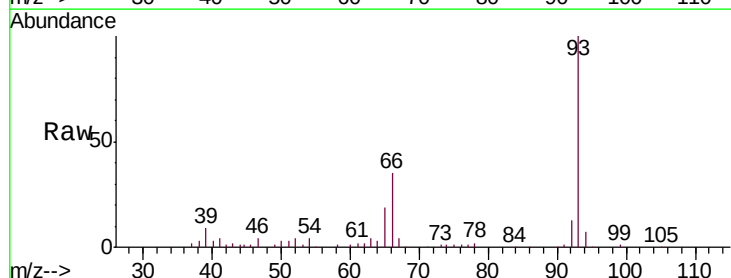
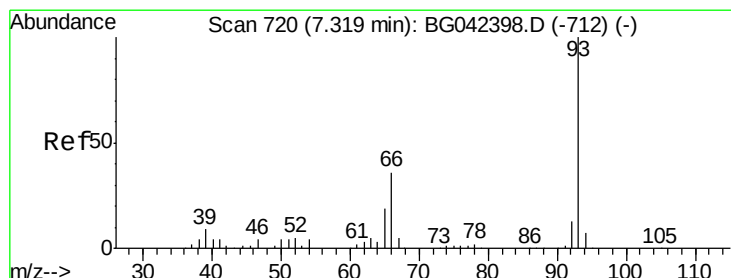
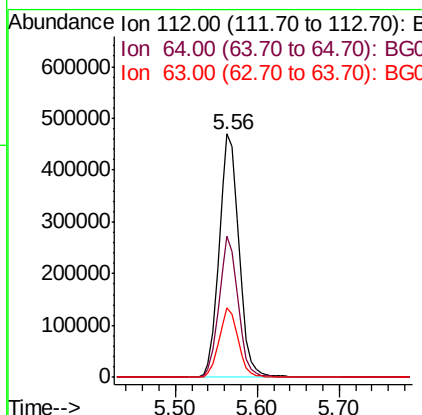
BNA_G

ClientSampleId :

NB-08-082019MS

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#6

Aniline

Concen: 13.091 ng

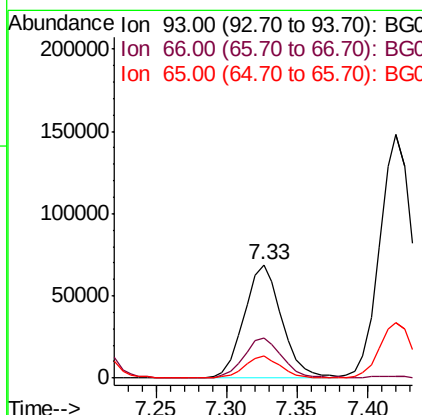
RT: 7.33 min Scan# 721

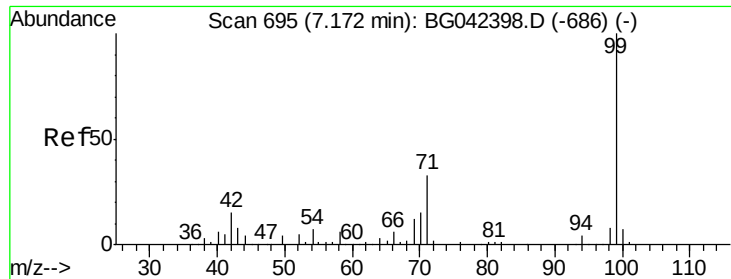
Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion:	93	Resp:	129156
Ion Ratio	Lower	Upper	
93	100		
66	35.0	29.0	43.6
65	19.3	15.2	22.8





#7

Phenol-d6

Concen: 114.308 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

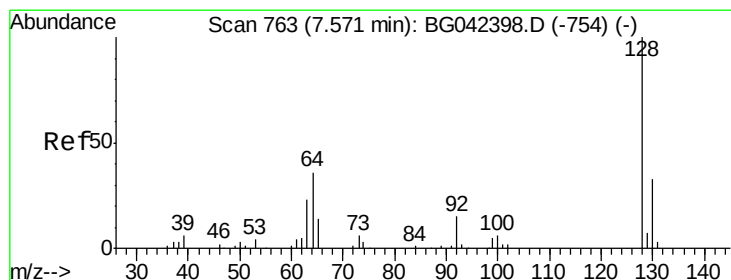
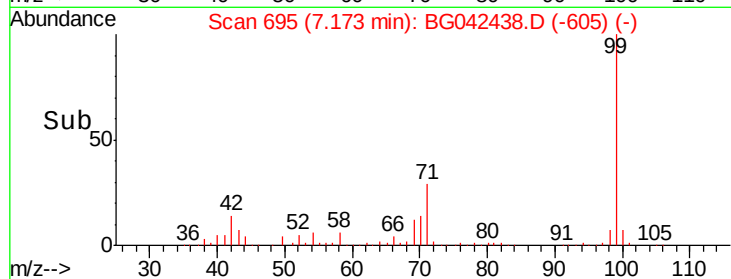
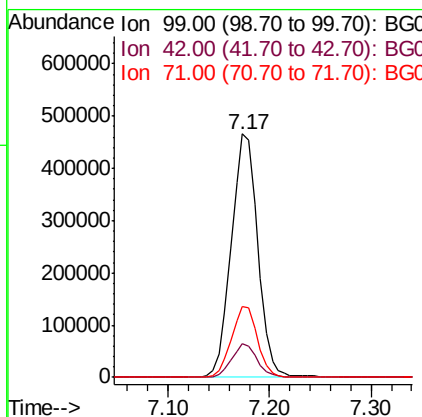
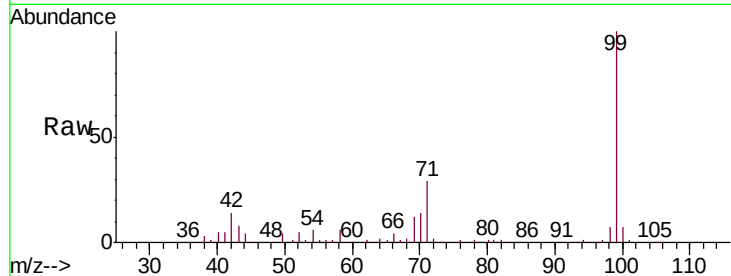
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		845568		
42	13.7	12.0	18.0		
71	28.9	26.3	39.5		

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#8

2-Chlorophenol

Concen: 41.144 ng

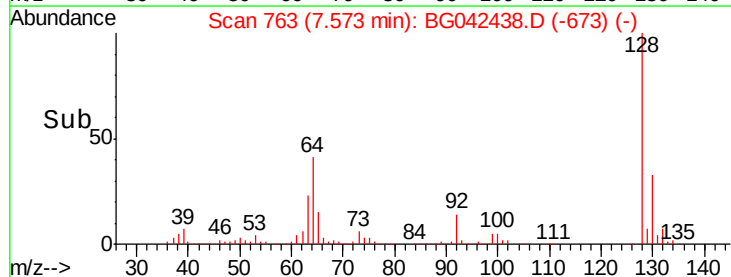
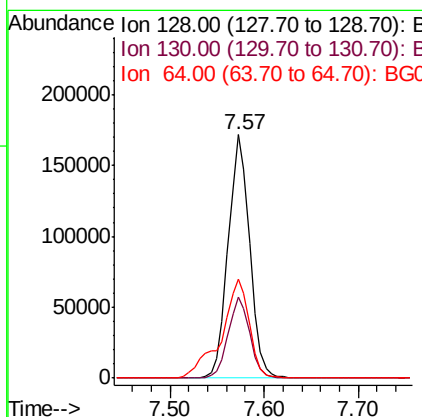
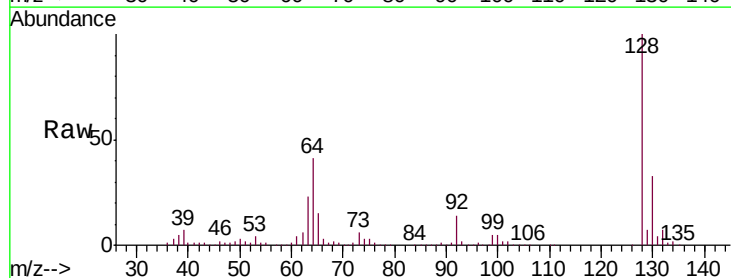
RT: 7.57 min Scan# 763

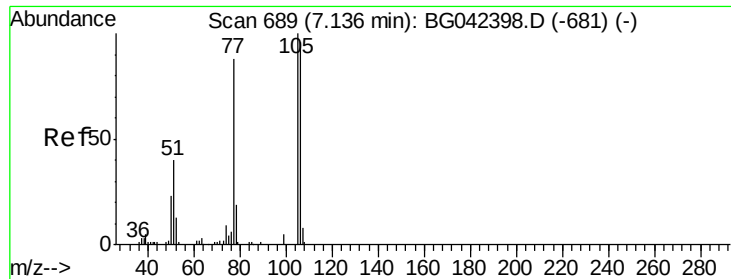
Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		273068		
130	33.1	12.8	52.8		
64	40.9	19.2	59.2		





#9

Benzaldehyde

Concen: 26.679 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

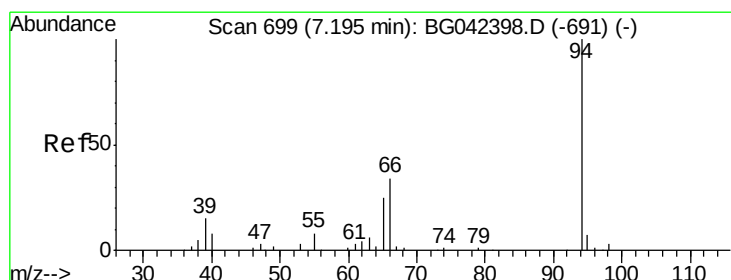
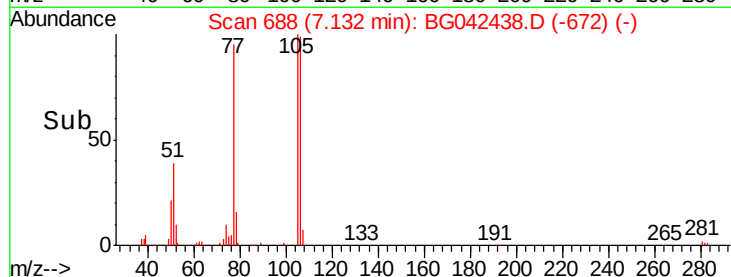
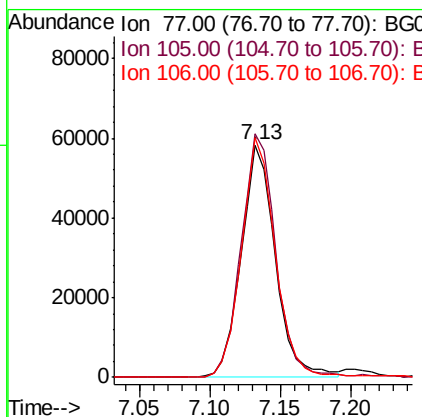
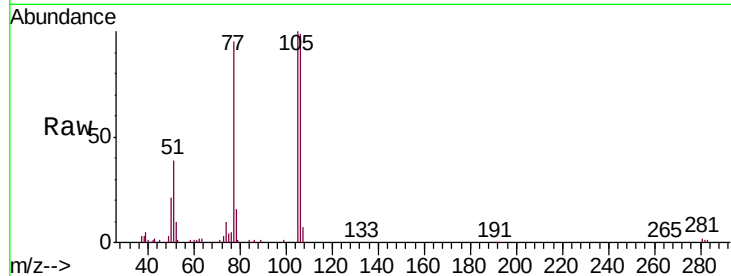
ClientSampleId :

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Tot Ion:	77	Resp:	98805
Ion	Ratio	Lower	Upper
77	100		
105	104.8	93.4	133.4
106	103.5	88.4	128.4

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#10

Phenol

Concen: 35.931 ng

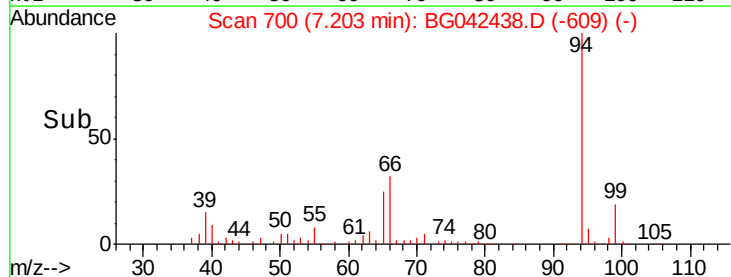
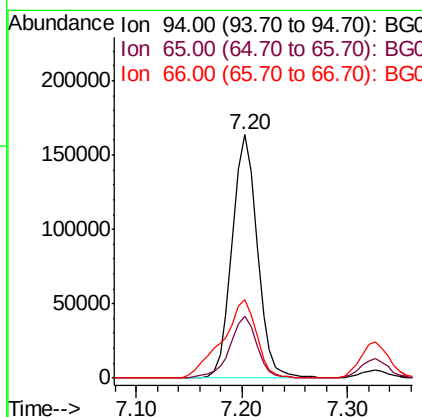
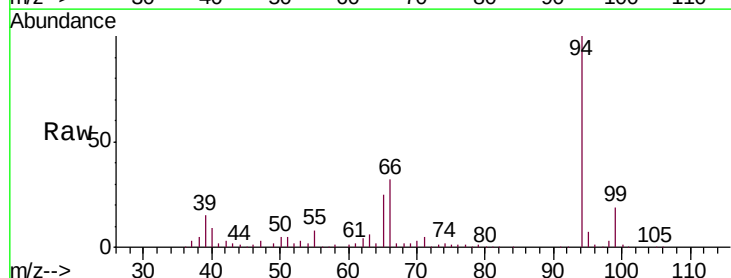
RT: 7.20 min Scan# 700

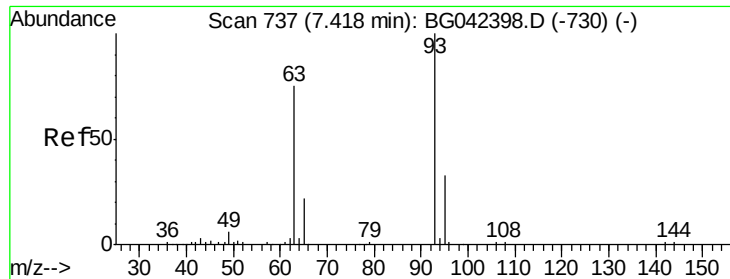
Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion:	94	Resp:	270242
Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.6	45.6
66	32.0	16.0	56.0





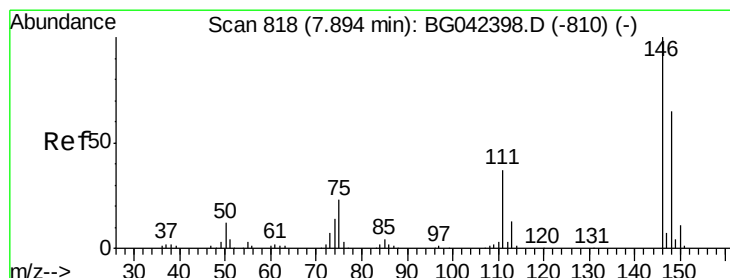
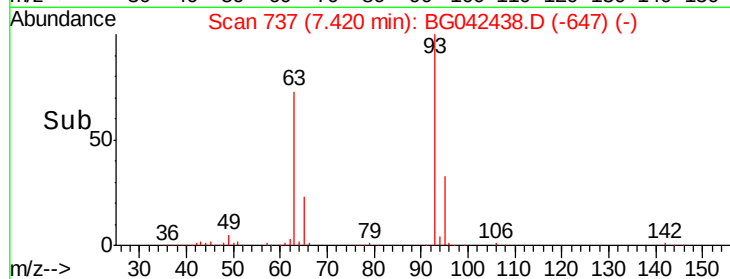
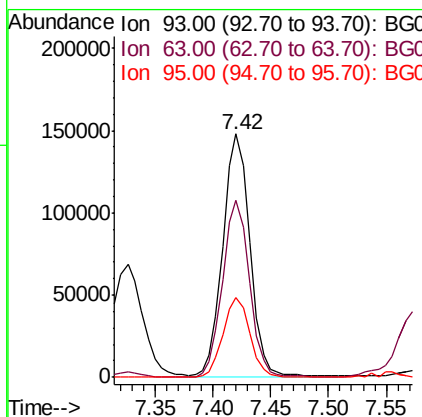
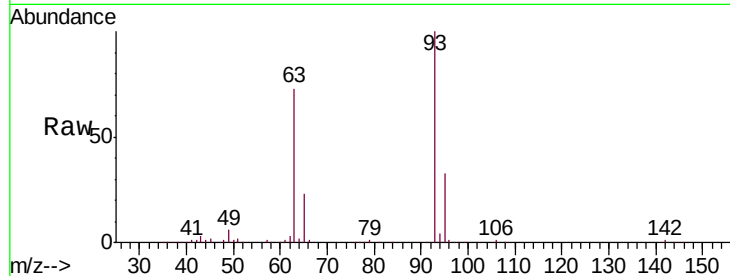
#11
bis(2-Chloroethyl)ether
Concen: 41.183 ng
RT: 7.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		243263		
63	72.6	53.8	93.8		
95	33.0	13.1	53.1		

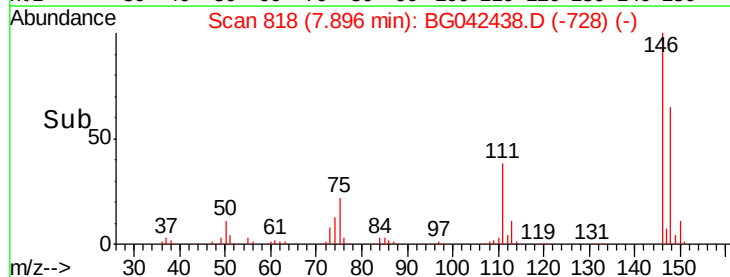
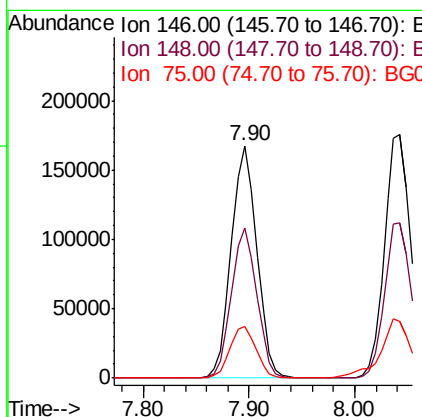
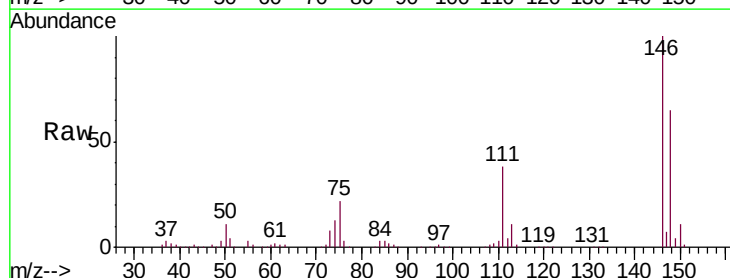
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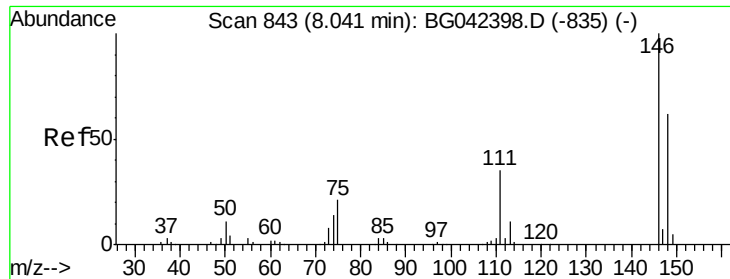
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#12
1,3-Dichlorobenzene
Concen: 33.172 ng
RT: 7.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		280076		
148	64.8	52.2	78.2		
75	22.4	18.0	27.0		





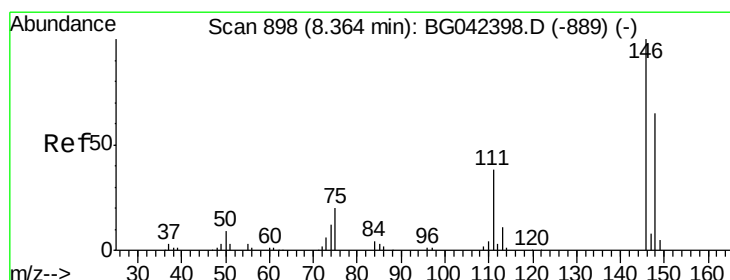
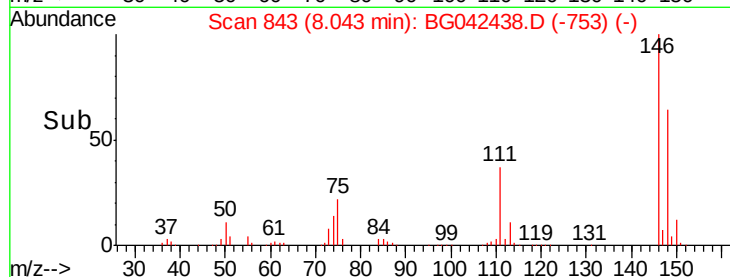
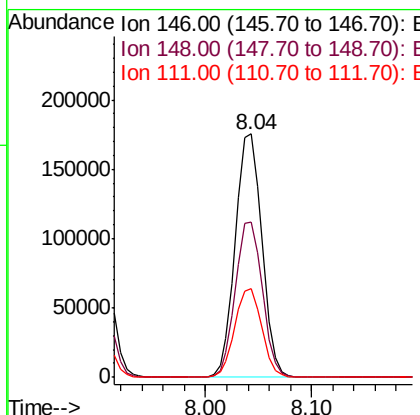
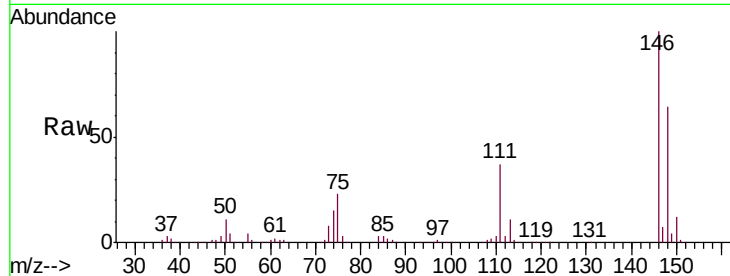
#13
 1,4-Dichlorobenzene
 Concen: 35.663 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.5	74.3
111	36.5	28.1	42.1

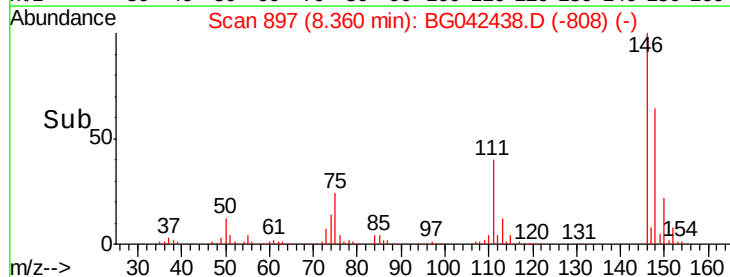
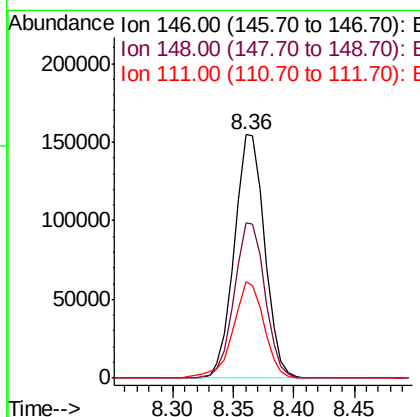
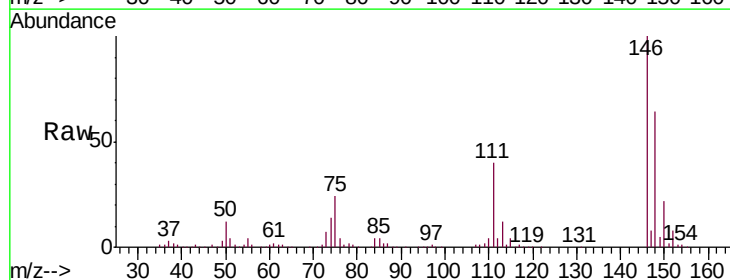
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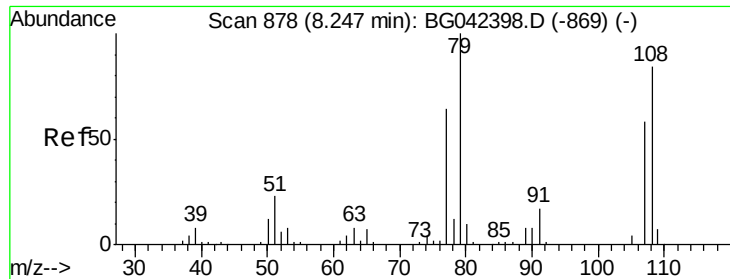
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#14
 1,2-Dichlorobenzene
 Concen: 33.146 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
111	39.8	30.9	46.3





#15

Benzyl Alcohol

Concen: 37.501 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

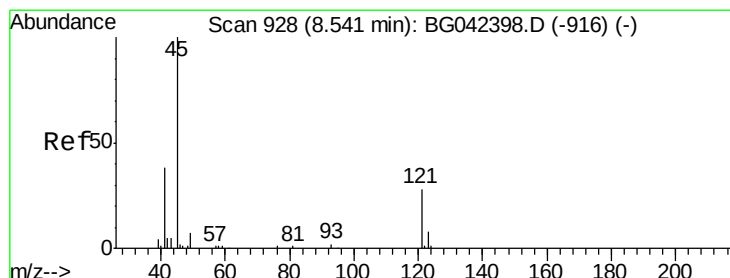
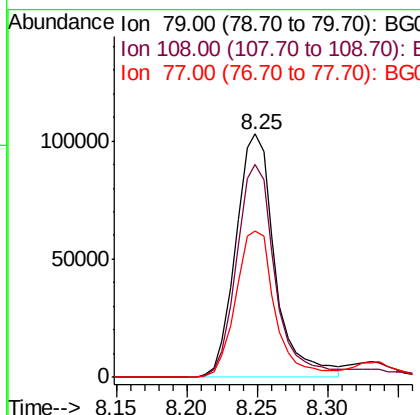
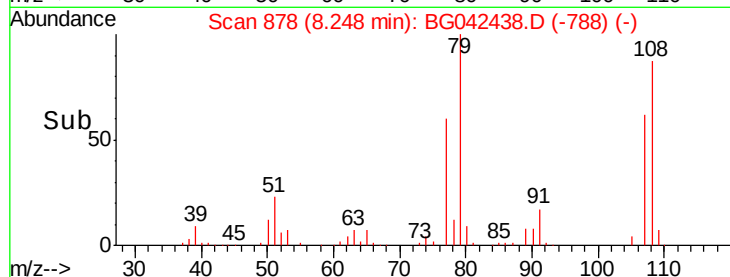
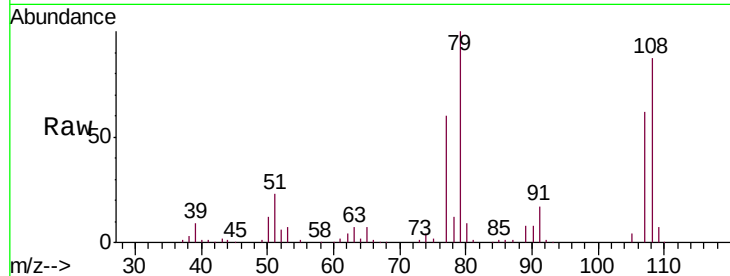
ClientSampleId :

NB-08-082019MS

Tot Ion:	79	Resp:	199577
Ion Ratio	Lower	Upper	
79	100		
108	87.4	67.4	101.2
77	60.1	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.865 ng

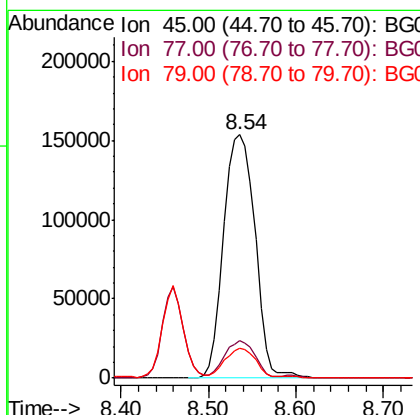
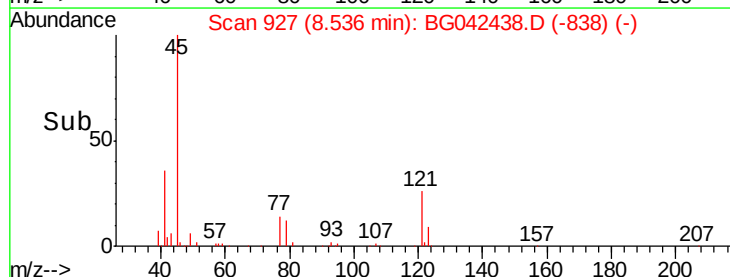
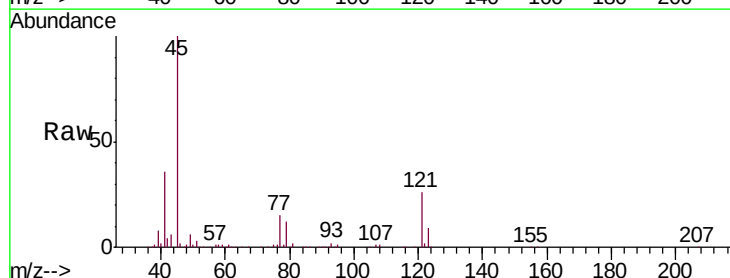
RT: 8.54 min Scan# 927

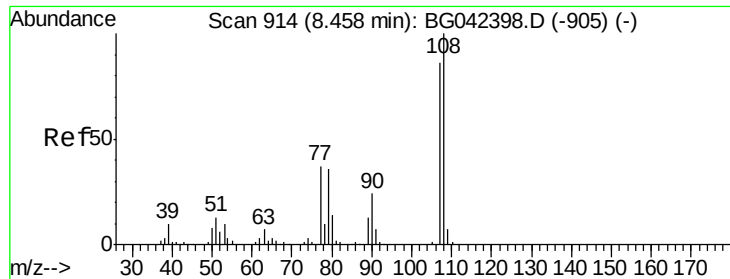
Delta R.T. -0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion:	45	Resp:	375205
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	35.6
79	12.2	0.0	31.6





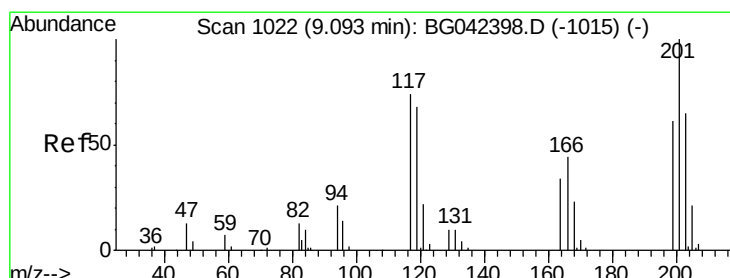
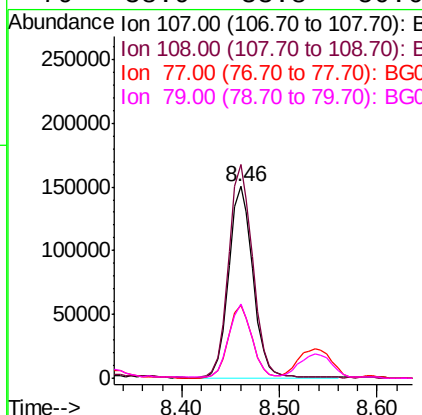
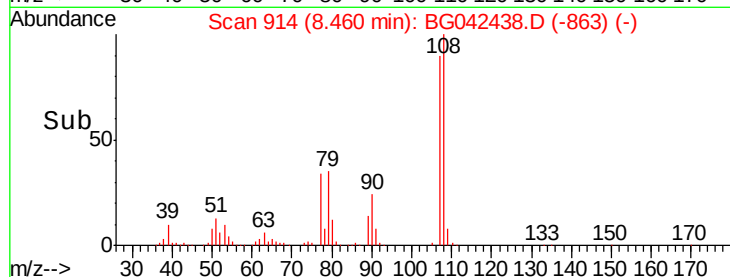
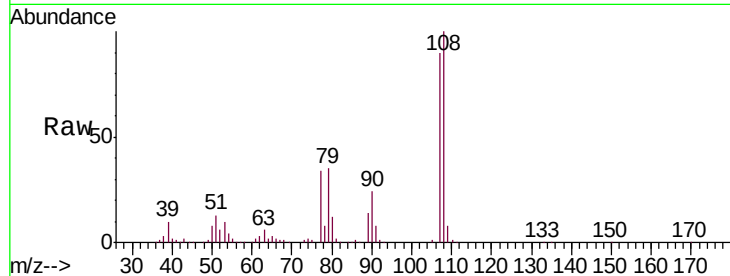
#17
2-Methylphenol
Concen: 46.557 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	92.9	139.3	
77	38.2	34.4	51.6	
79	38.9	33.8	50.6	

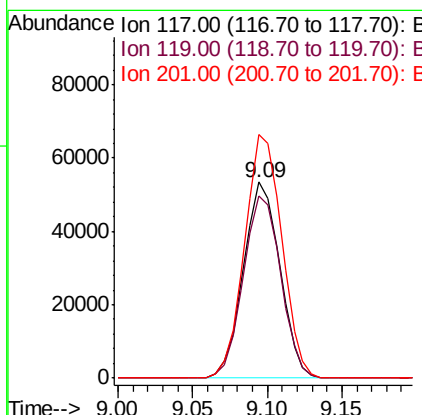
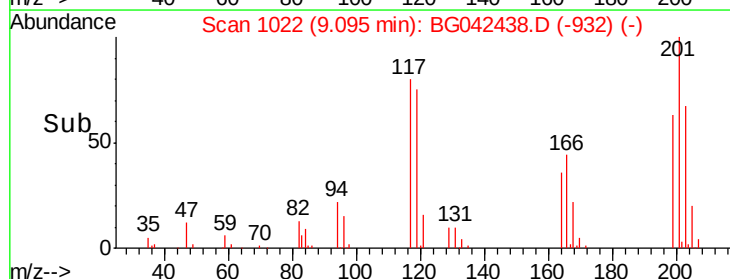
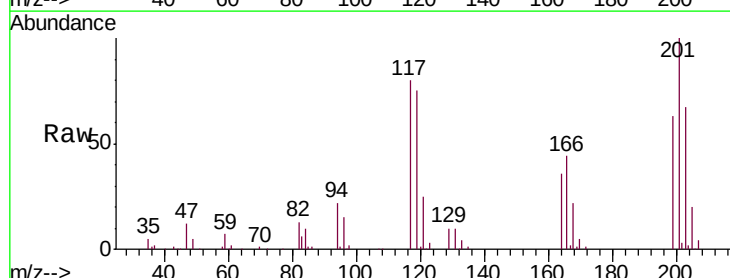
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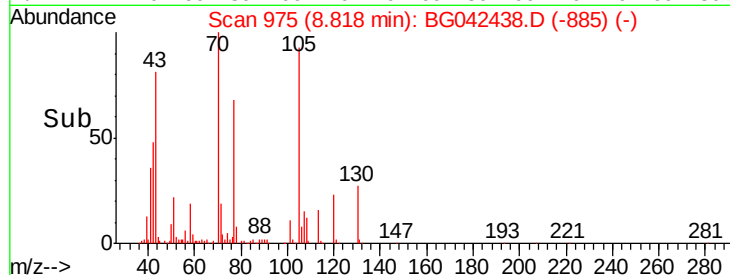
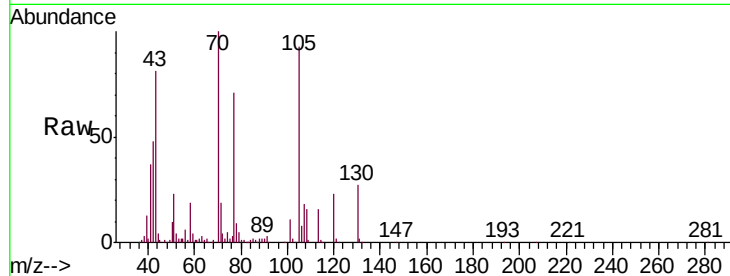
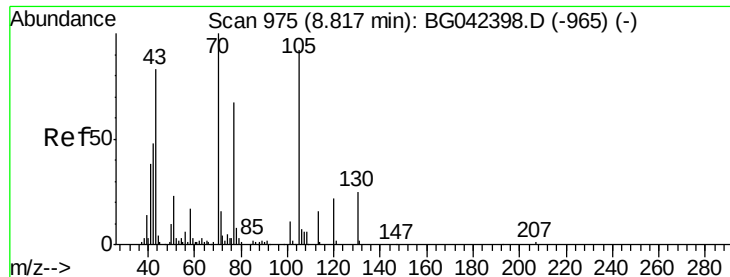
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#18
Hexachloroethane
Concen: 30.958 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	73.8	110.8	
201	124.3	108.3	162.5	





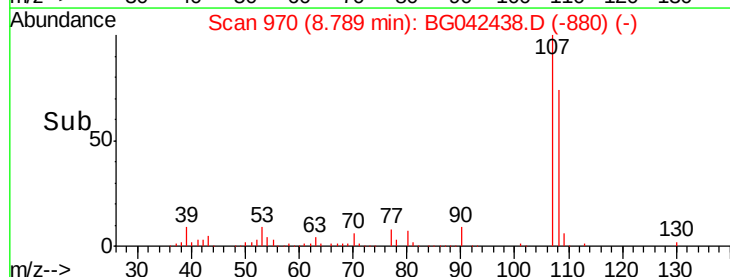
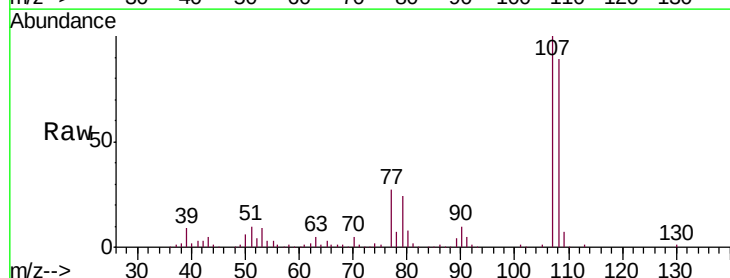
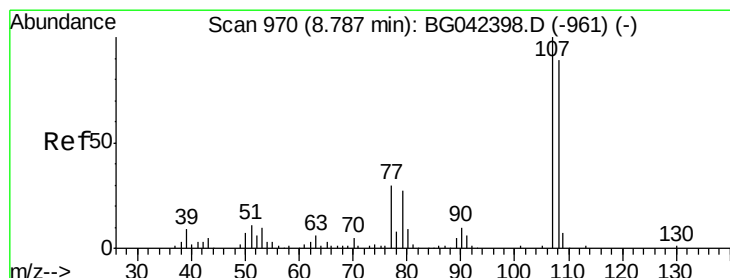
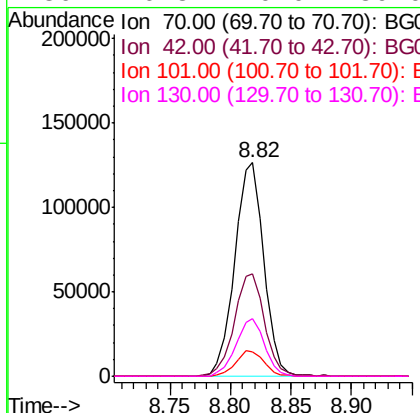
#19
n-Nitroso-di-n-propylamine
Concen: 44.440 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.8	38.8	58.2
101	11.4	9.0	13.6
130	26.8	20.0	30.0

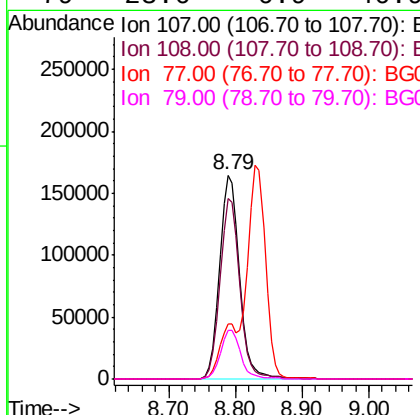
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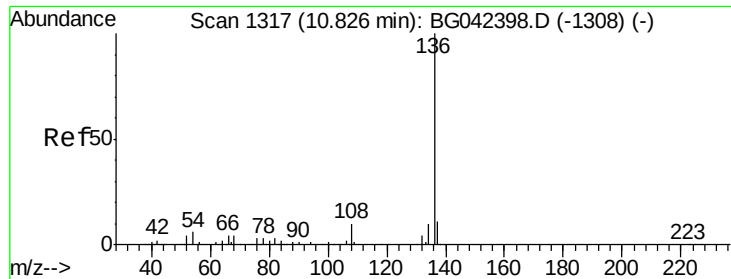
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#20
3+4-Methylphenols
Concen: 45.311 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	27.2	10.2	50.2
79	23.6	6.9	46.9





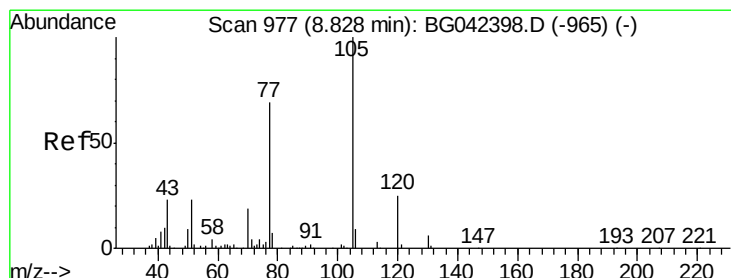
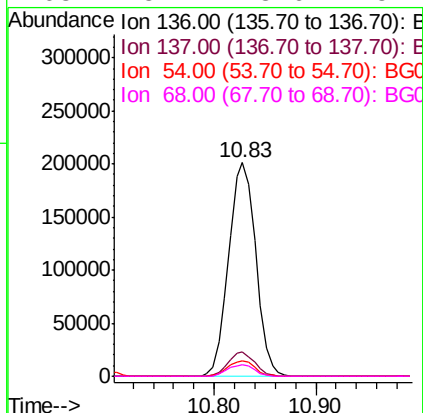
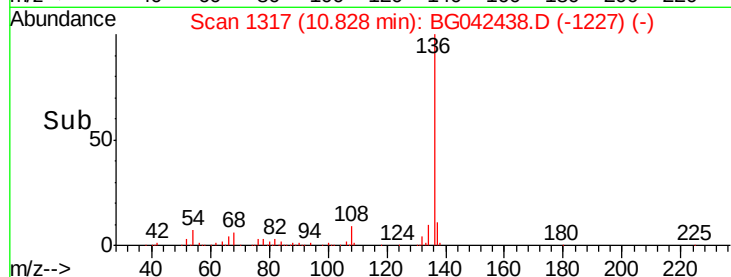
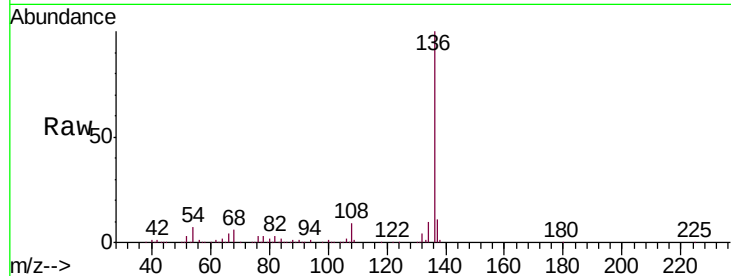
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	7.2	4.9	7.3	
68	5.7	3.6	5.4	

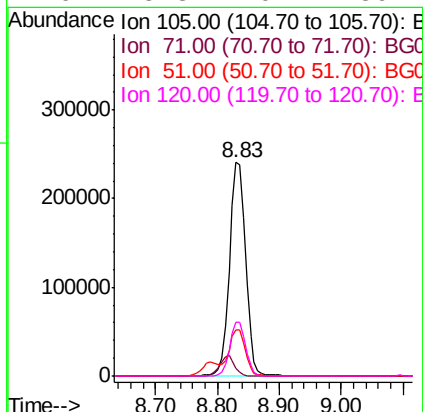
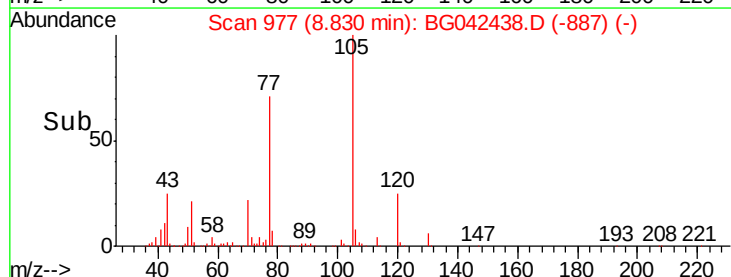
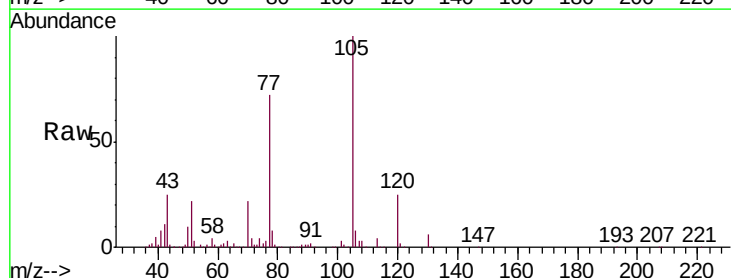
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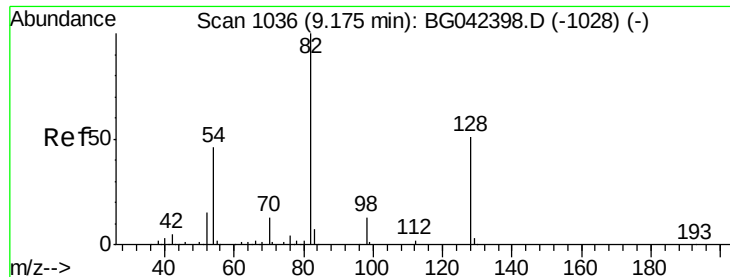
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#22
Acetophenone
Concen: 54.988 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	2.8	4.2	
51	21.9	18.7	28.1	
120	25.3	20.1	30.1	





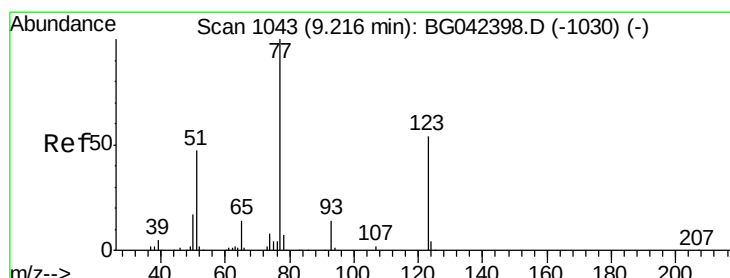
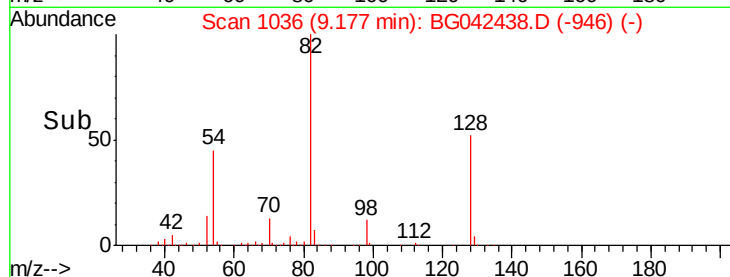
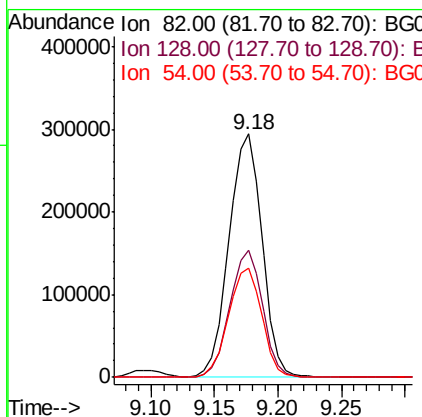
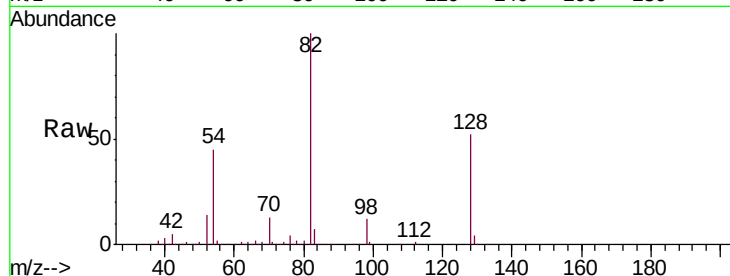
#23
 Nitrobenzene-d5
 Concen: 98.184 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.7	61.1
54	44.6	36.3	54.5

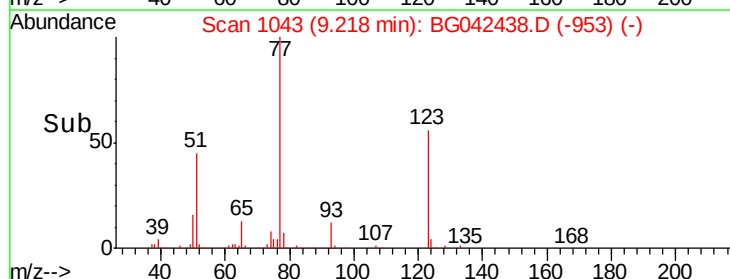
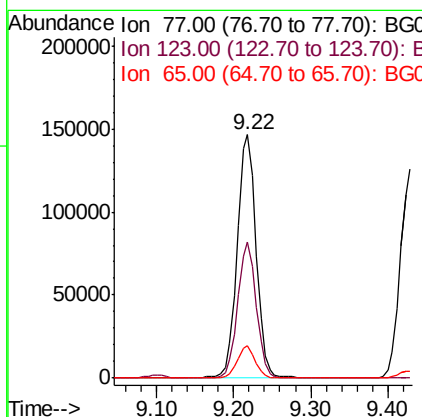
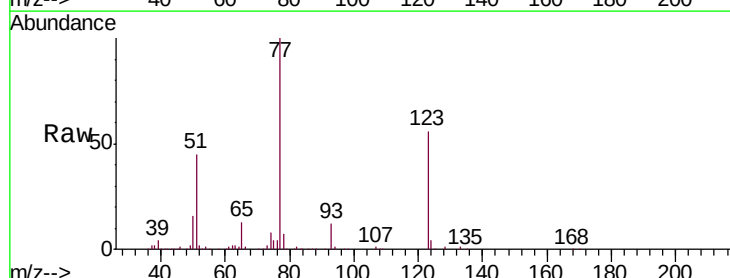
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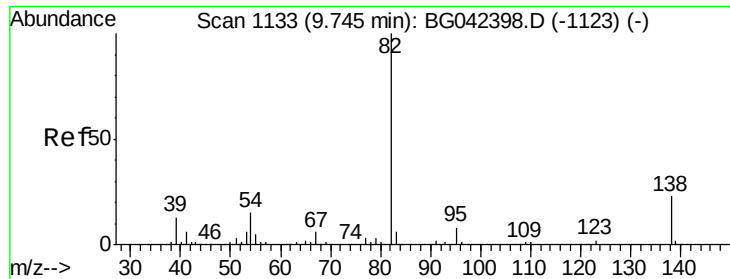
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#24
 Nitrobenzene
 Concen: 46.073 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.7	43.4	65.0
65	13.3	11.0	16.6





#25

Isophorone

Concen: 44.999 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

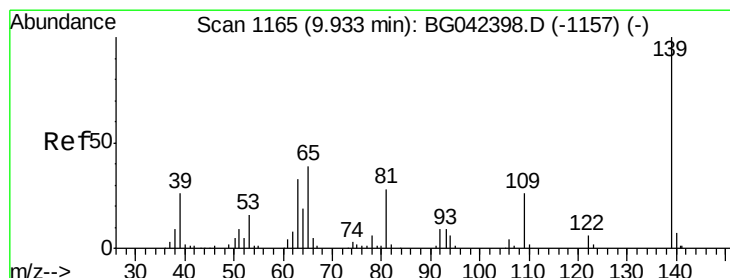
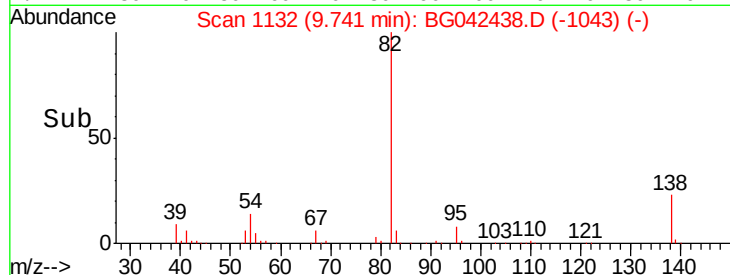
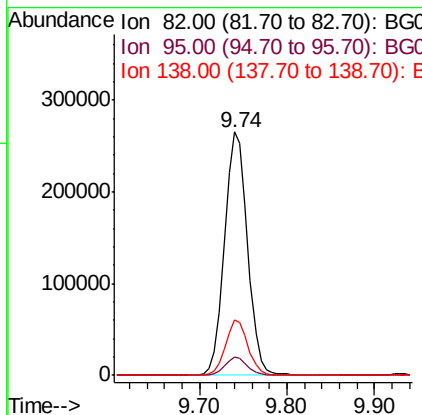
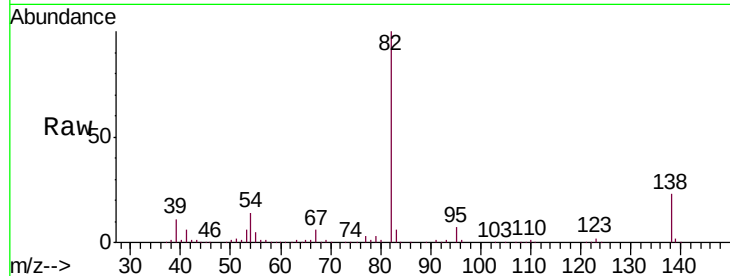
ClientSampleId :

NB-08-082019MS

Tot Ion:	82	Resp:	479204
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.6	9.8
138	22.6	18.6	27.8

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#26

2-Nitrophenol

Concen: 45.585 ng

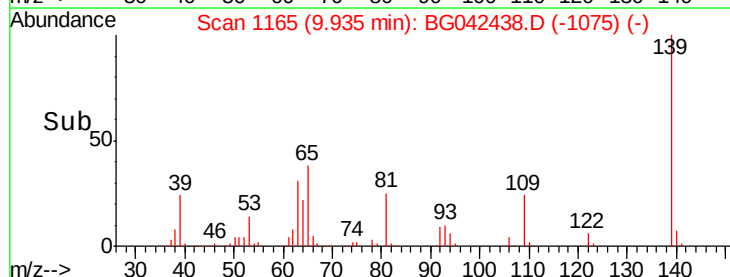
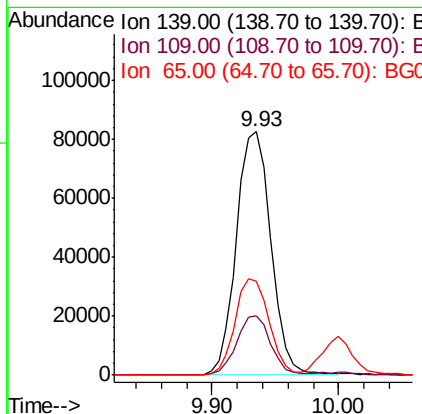
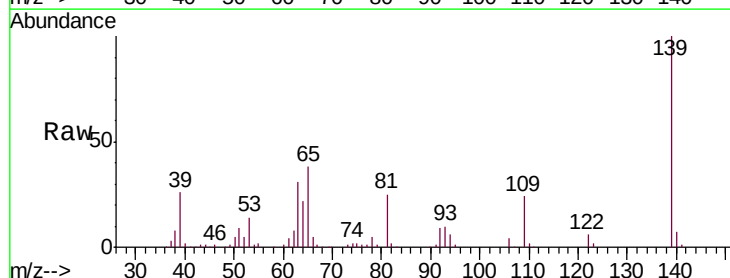
RT: 9.93 min Scan# 1165

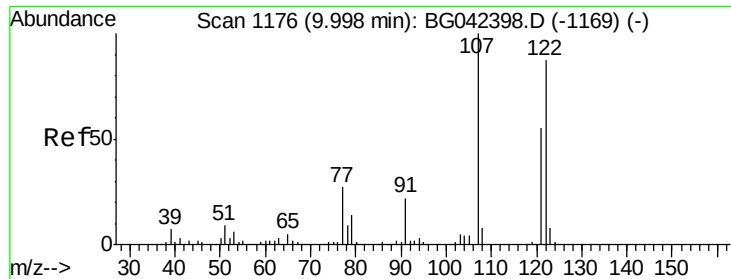
Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion:	139	Resp:	156094
Ion Ratio	Lower	Upper	
139	100		
109	24.3	20.5	30.7
65	38.5	30.9	46.3





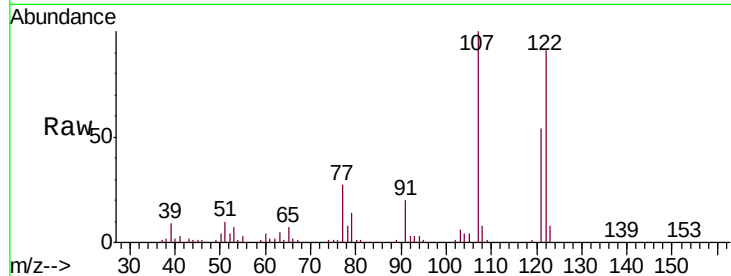
#27
 2,4-Dimethylphenol
 Concen: 57.660 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		271975		
107	110.5	90.8	136.2		
121	60.2	49.6	74.4		

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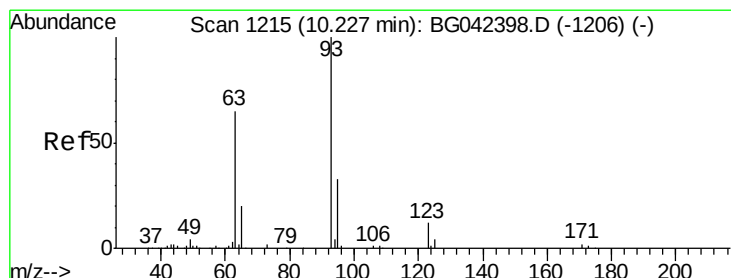
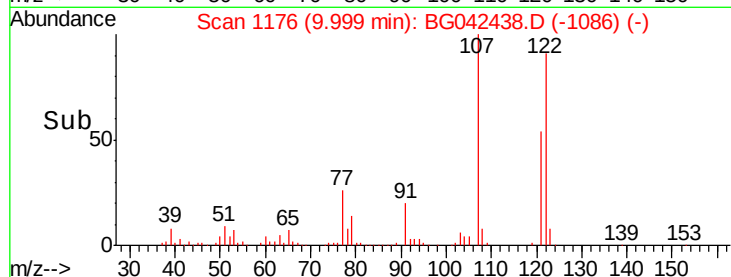
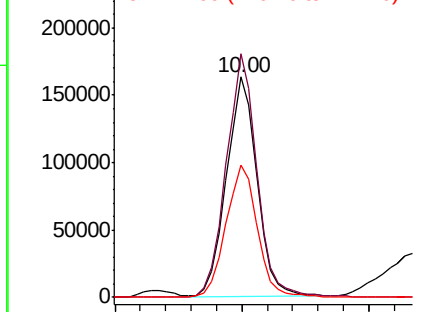


Abundance

Ion 122.00 (121.70 to 122.70): E

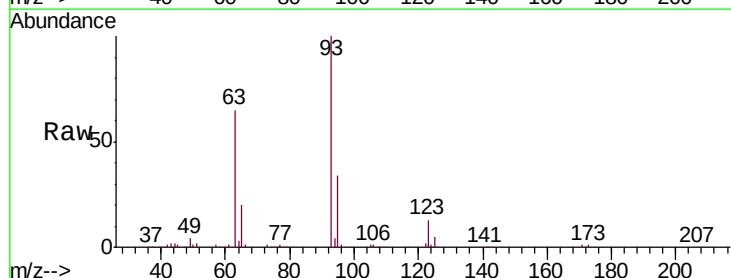
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 58.491 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		392584		
95	33.6	26.6	40.0		
123	13.4	10.1	15.1		

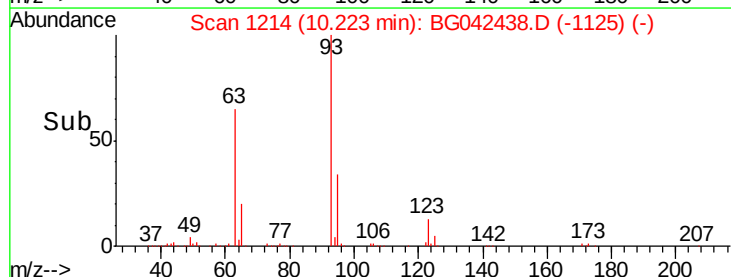
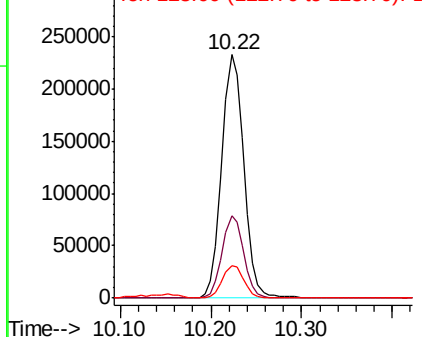


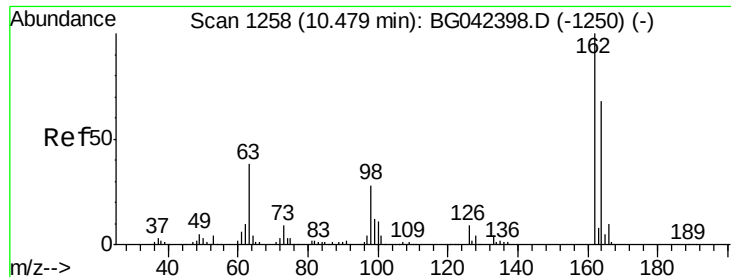
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





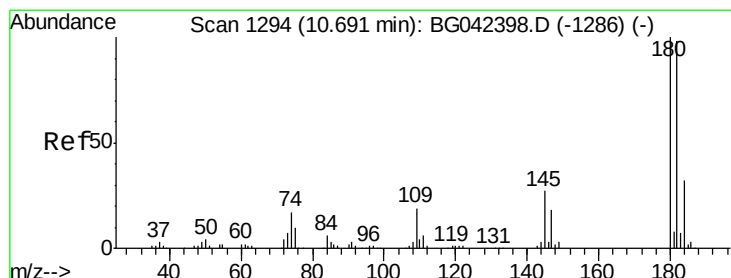
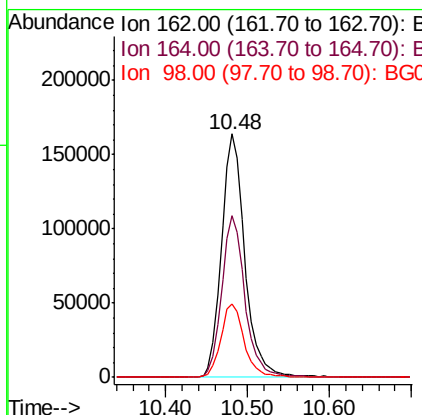
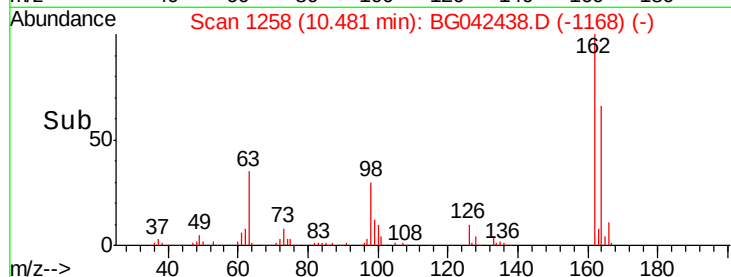
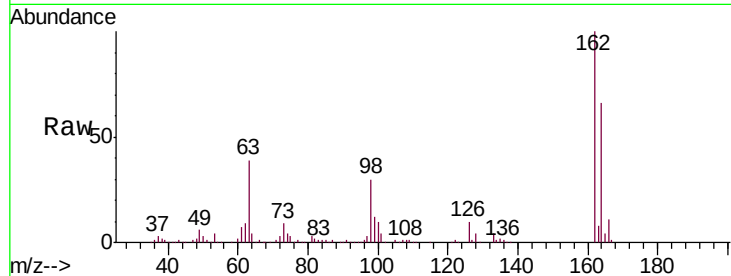
#29
2,4-Dichlorophenol
Concen: 52.778 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.2	48.1	88.1	
98	30.4	7.6	47.6	

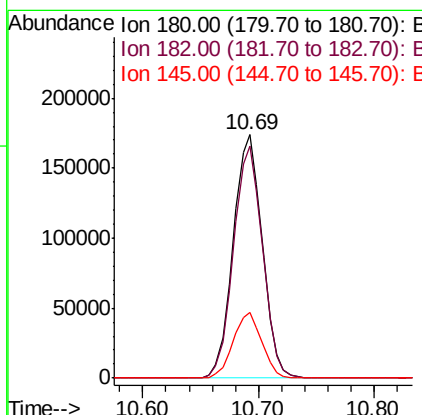
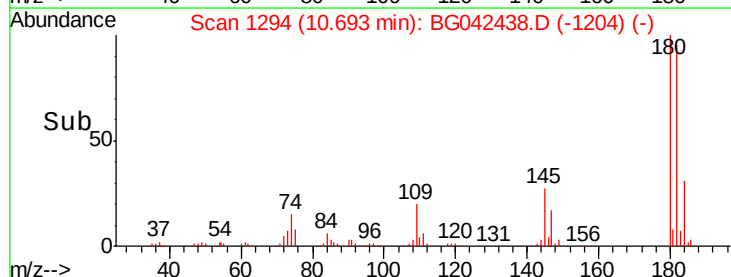
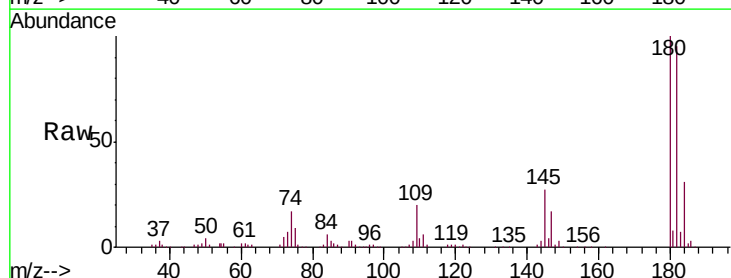
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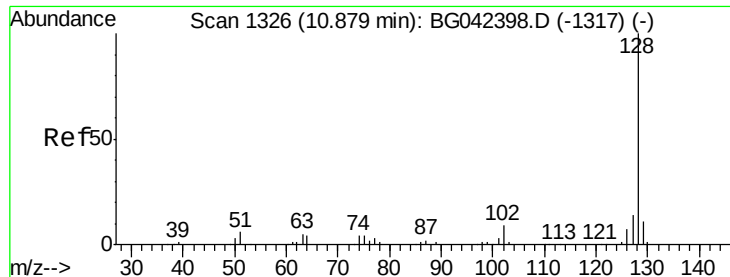
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#30
1,2,4-Trichlorobenzene
Concen: 39.901 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	78.7	118.1	
145	26.8	21.6	32.4	





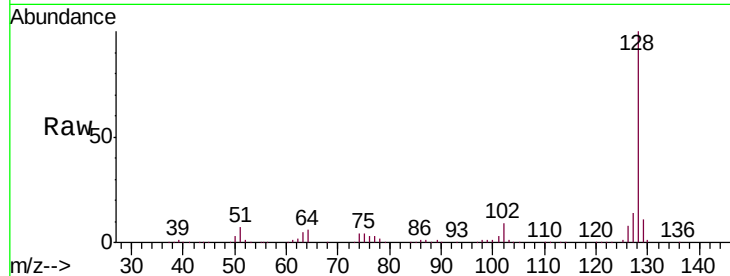
#31
Naphthalene
Concen: 45.206 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.4	11.4	17.0

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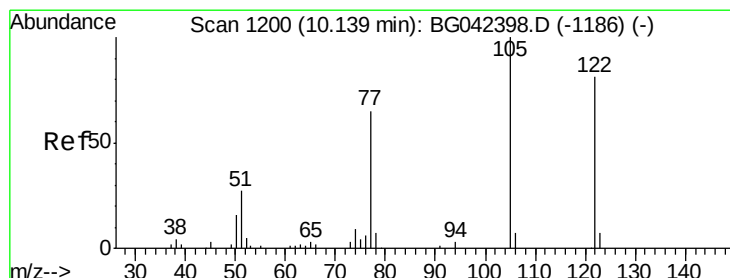
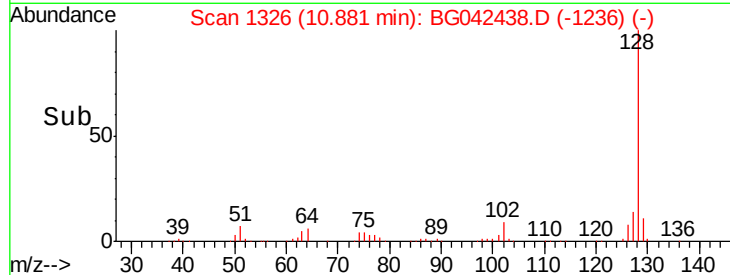
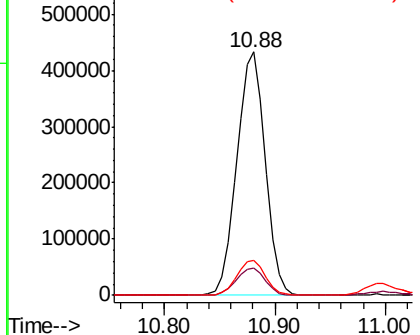


Abundance

Ion 128.00 (127.70 to 128.70): E

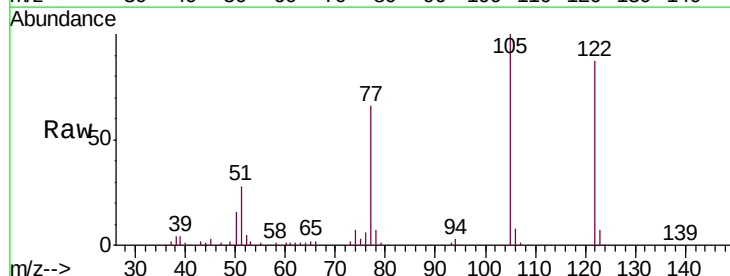
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 44.220 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	115.0	99.6	139.6
77	75.4	59.5	99.5

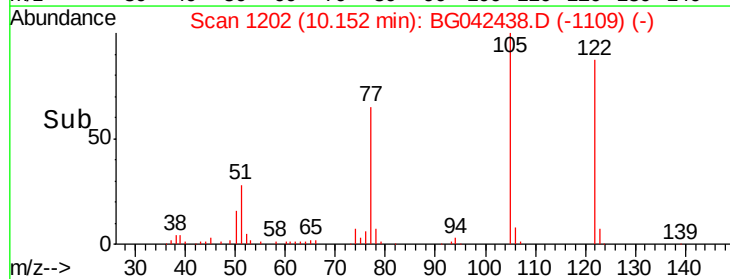
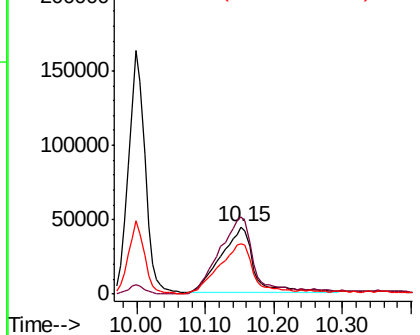


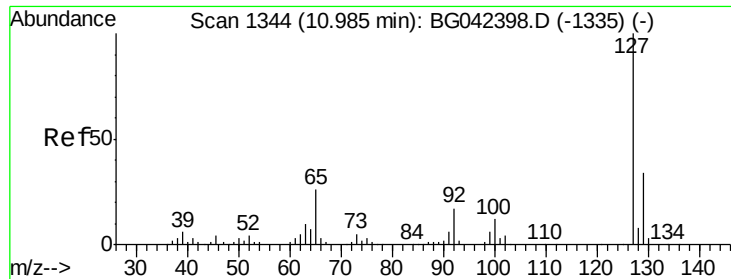
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





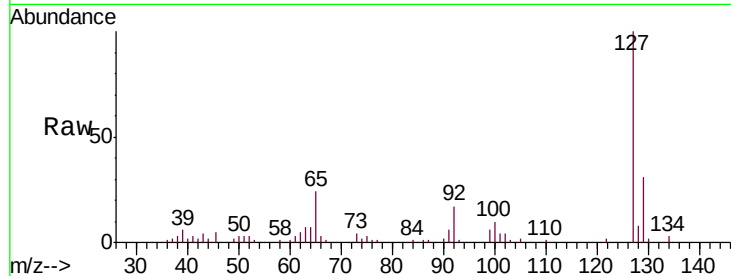
#33
4-Chloroaniline
Concen: 6.309 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		50422		
129	30.8	26.8	40.2		
65	24.4	20.7	31.1		
92	16.8	13.6	20.4		

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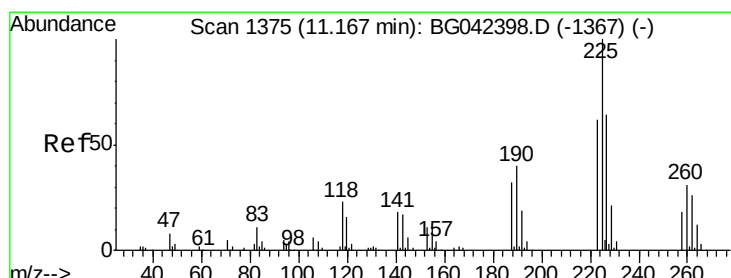
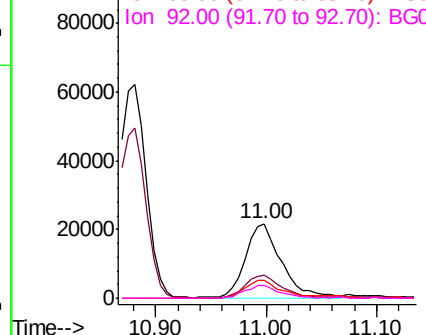
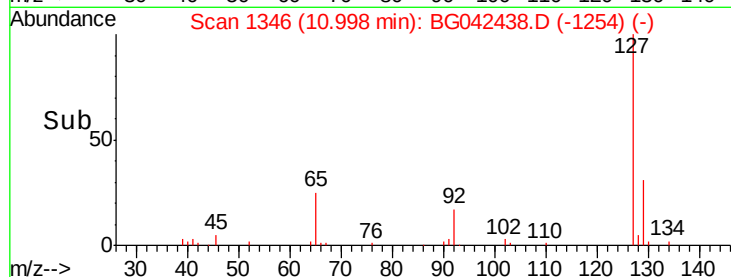
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

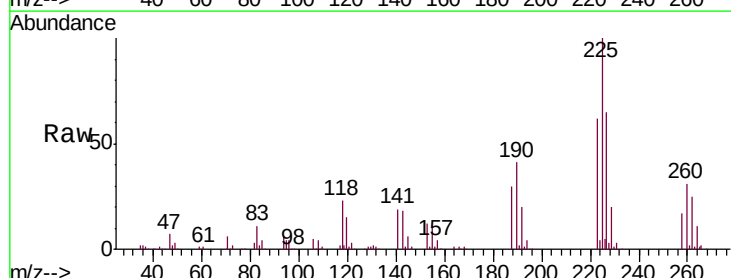
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 36.268 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		184637		
223	62.4	49.8	74.6		
227	64.6	50.9	76.3		

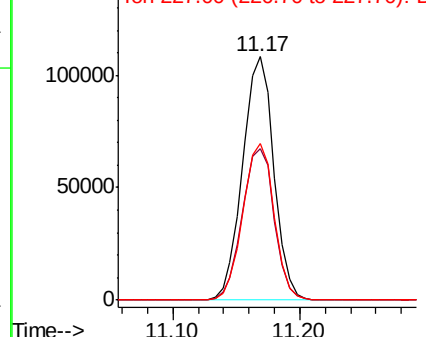
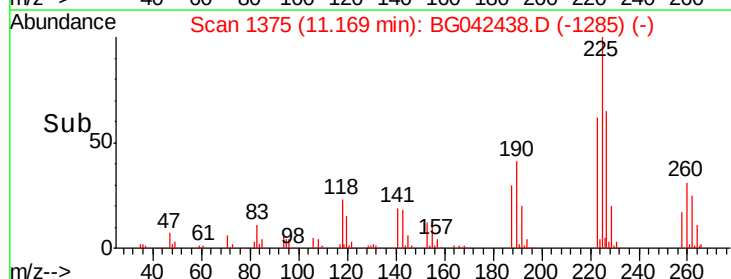


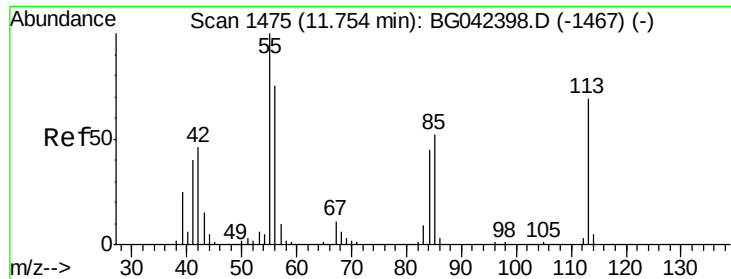
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.313 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-082019MS

Tot Ion:113 Resp: 70658

Ion Ratio Lower Upper

113 100

55 146.6 124.6 164.6

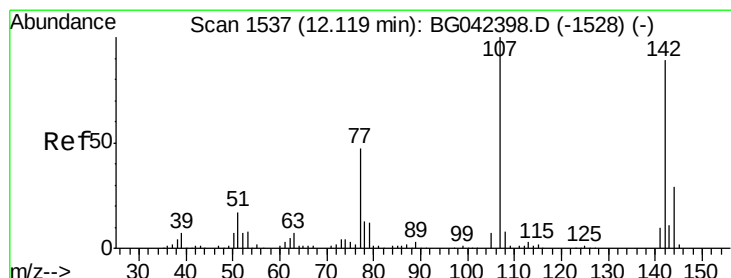
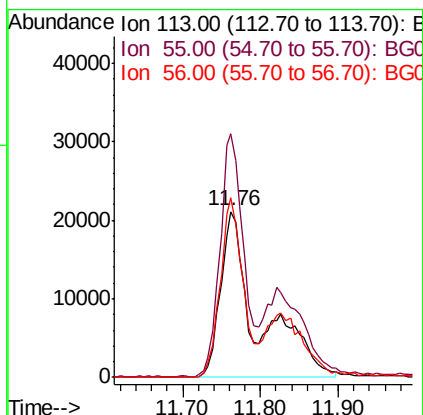
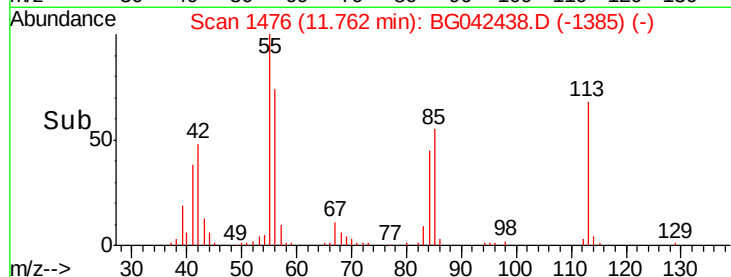
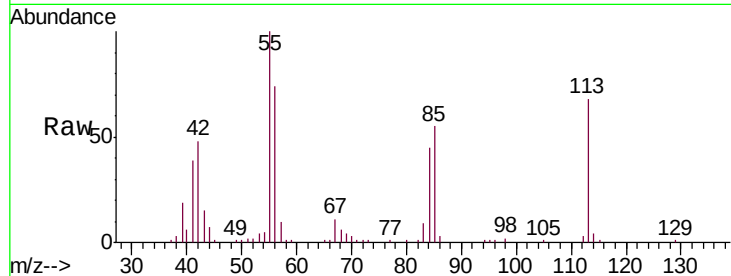
56 108.1 88.3 128.3

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 47.002 ng/mL

RT: 12.13 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

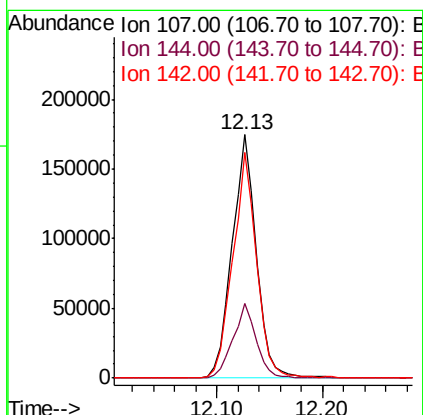
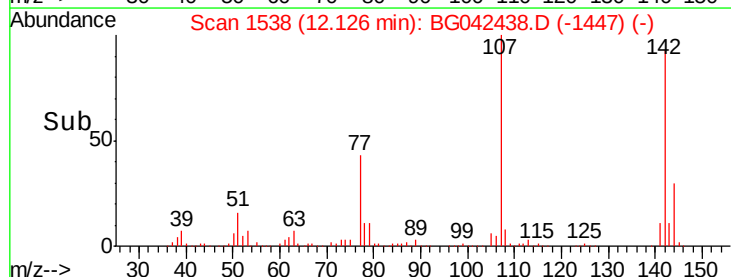
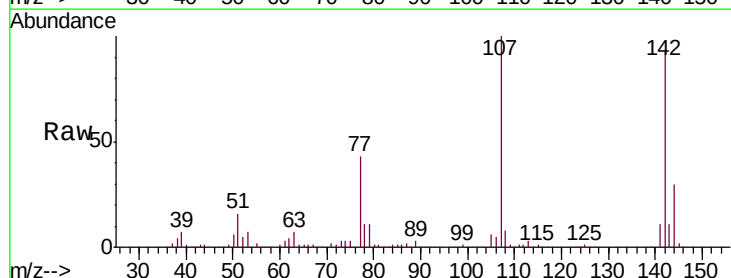
Tgt Ion:107 Resp: 275355

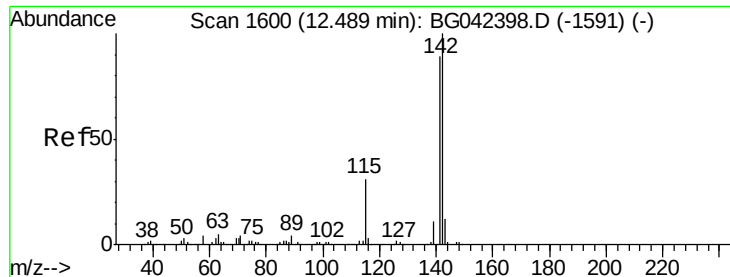
Ion Ratio Lower Upper

107 100

144 30.4 23.6 35.4

142 92.6 71.0 106.4





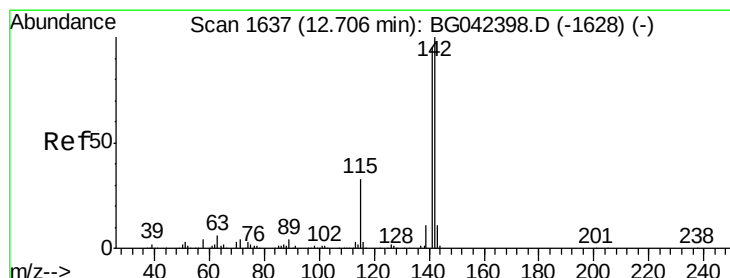
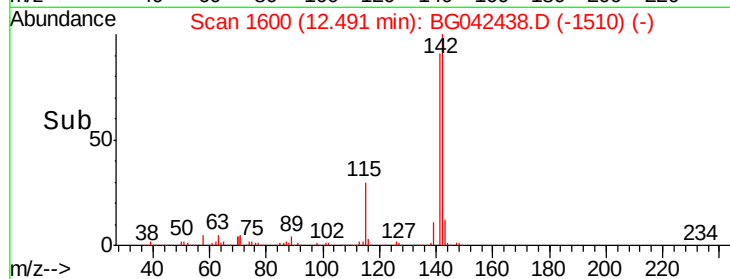
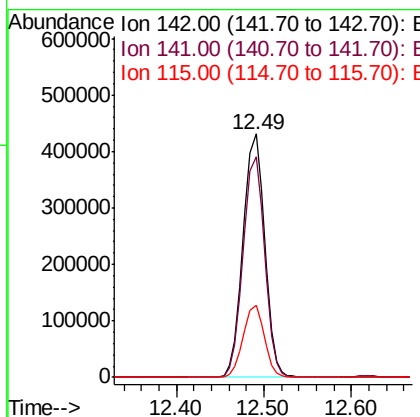
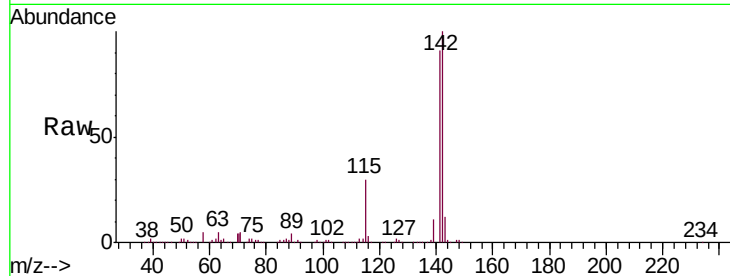
#37
 2-Methylnaphthalene
 Concen: 51.403 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.2
115	29.5	25.2	37.8

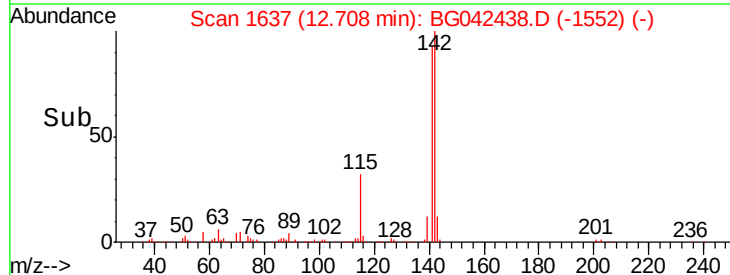
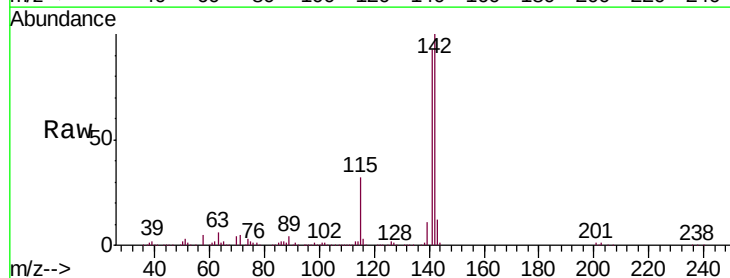
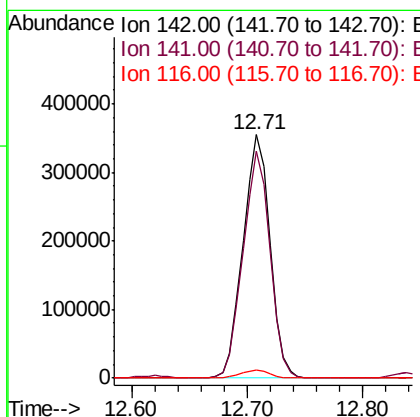
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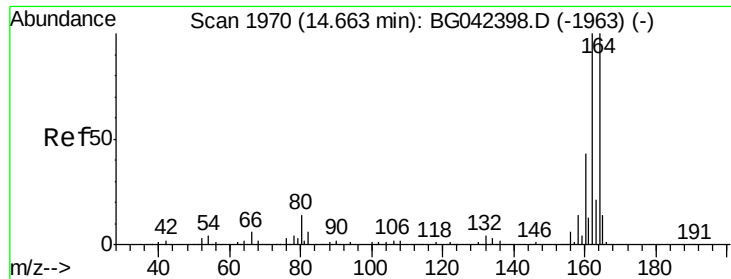
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#38
 1-Methylnaphthalene
 Concen: 43.591 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.2	114.2
116	3.4	2.8	4.2





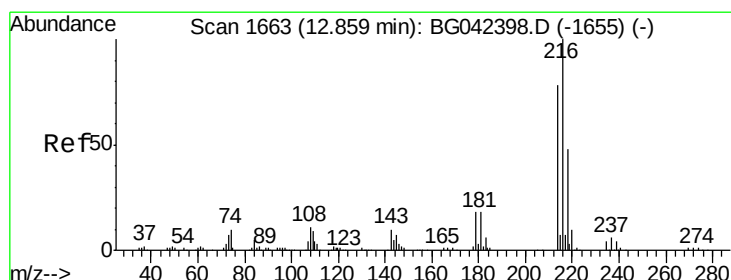
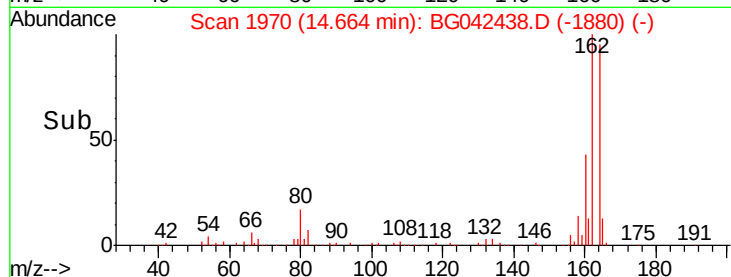
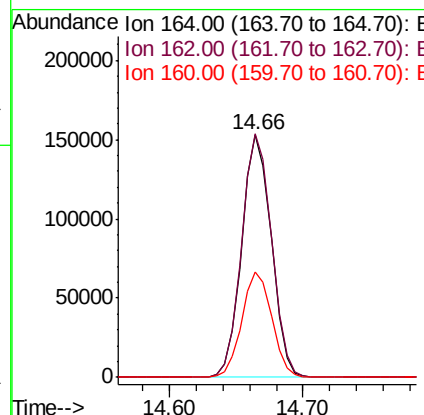
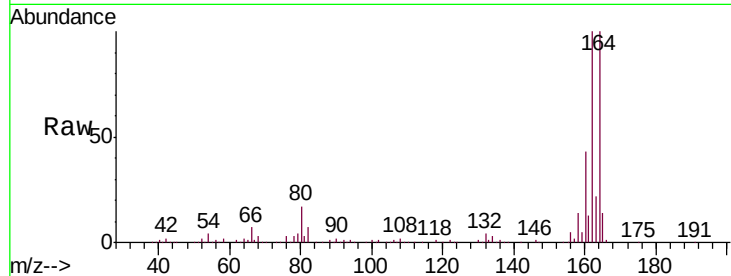
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	43.6	34.3	51.5

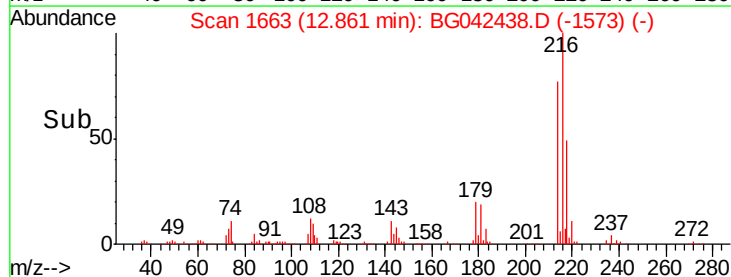
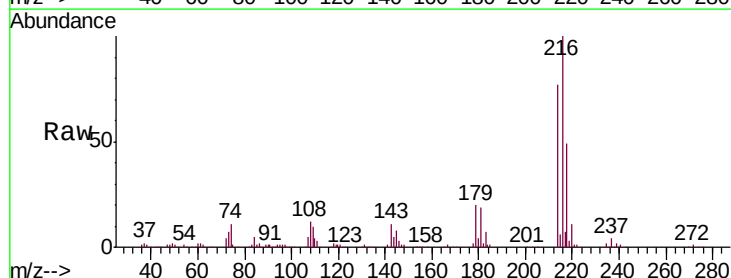
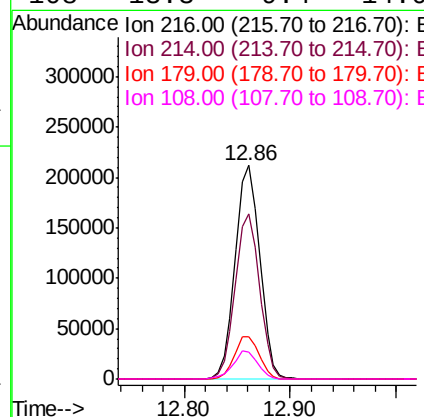
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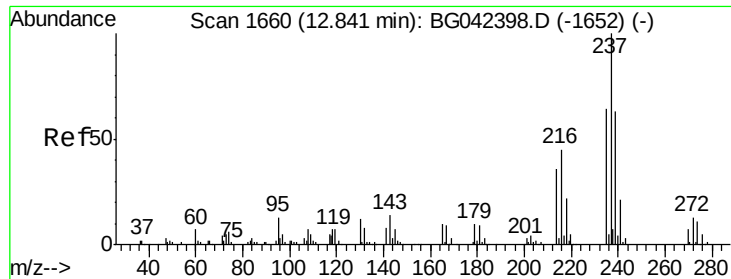
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.393 ng
RT: 12.86 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.5	61.4	92.2
179	19.8	15.1	22.7
108	13.3	9.4	14.0





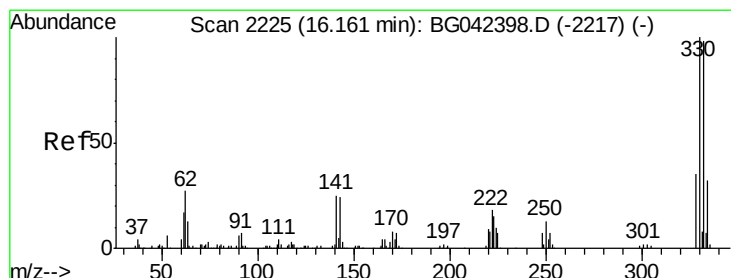
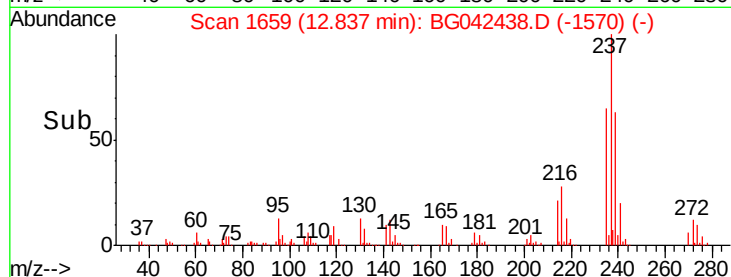
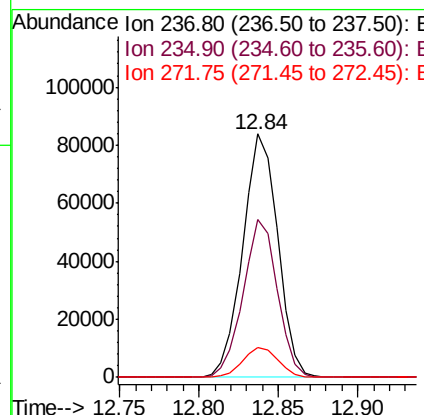
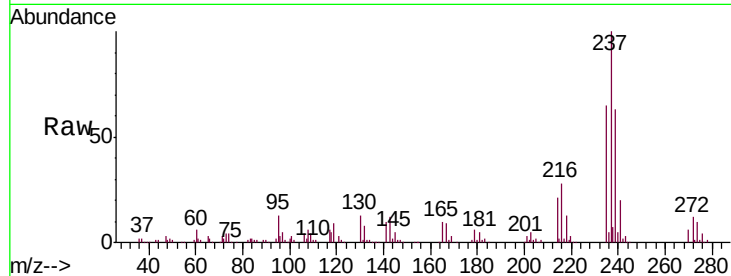
#41
Hexachlorocyclopentadiene
Concen: 32.562 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	128704		
235	64.7	43.7	83.7	
272	12.0	0.0	33.3	

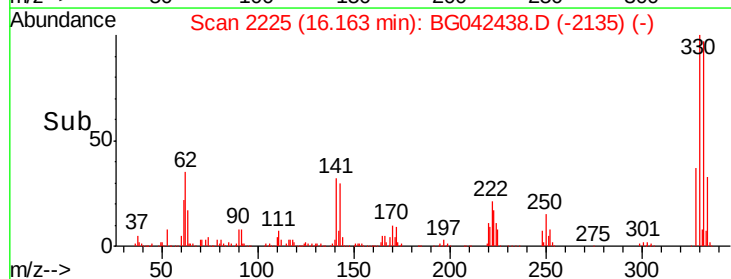
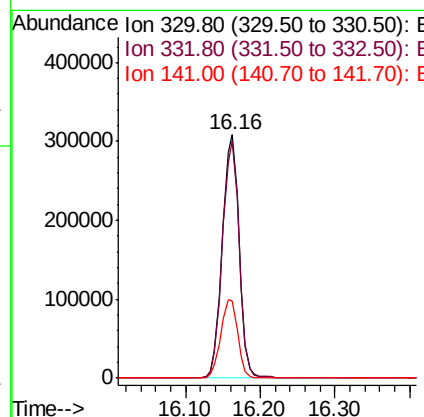
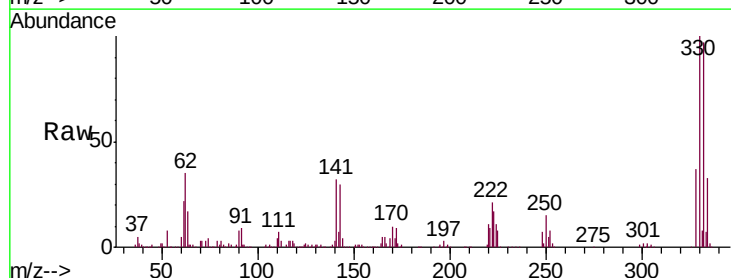
Manual Integrations
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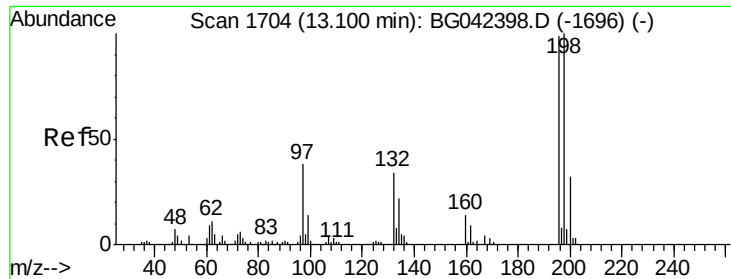
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#42
2,4,6-Tribromophenol
Concen: 144.503 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	481244		
332	97.0	77.4	116.0	
141	32.5	21.4	32.0	





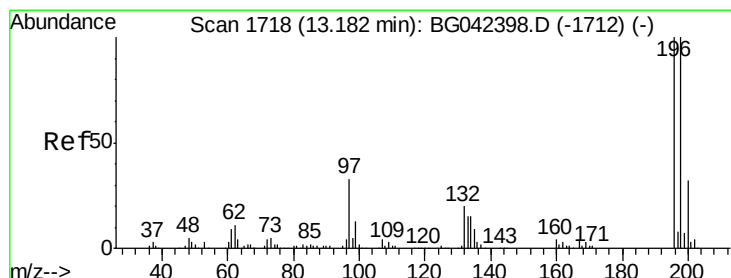
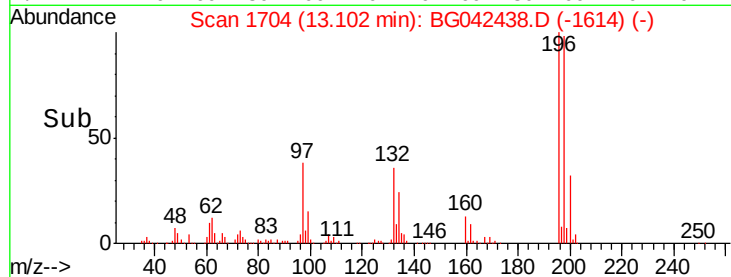
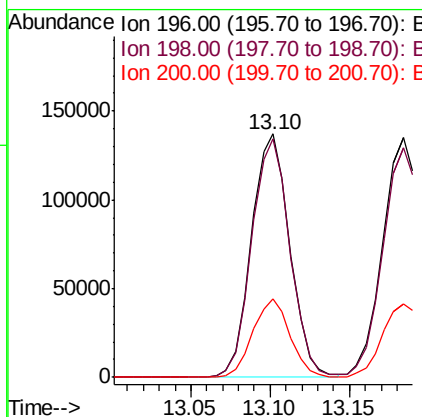
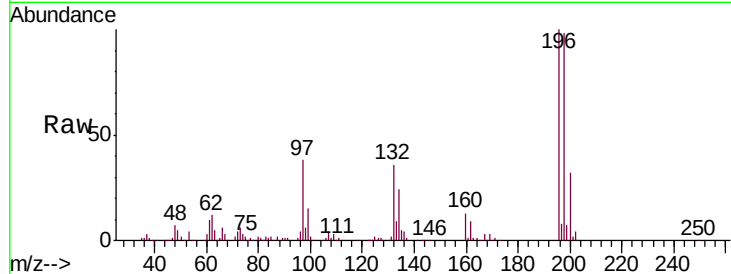
#43
 2,4,6-Trichlorophenol
 Concen: 45.201 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion:	196	Resp:	229897
Ion Ratio	Lower	Upper	
196	100		
198	97.9	80.7	121.1
200	32.1	25.7	38.5

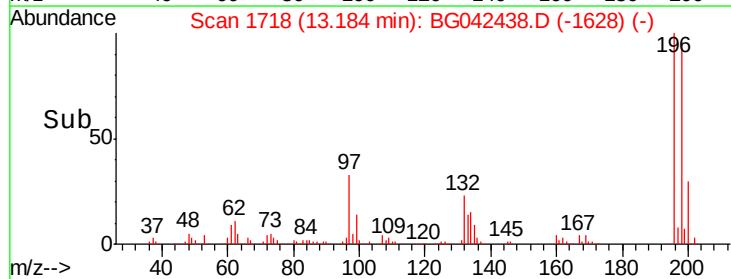
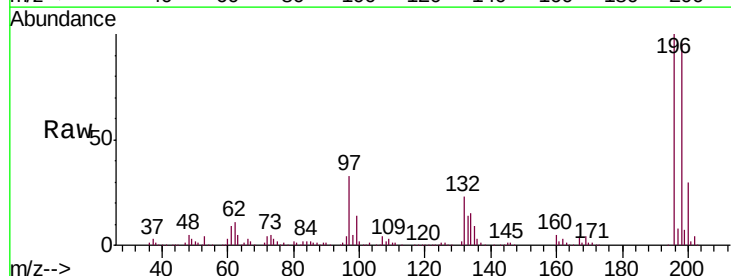
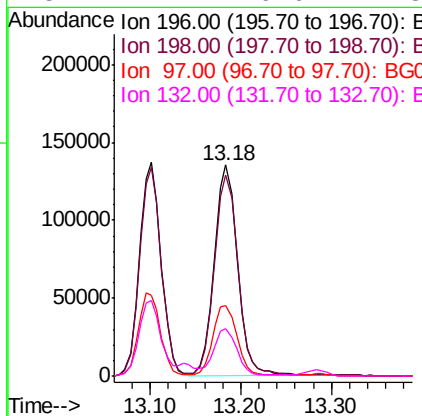
Manual Integrations
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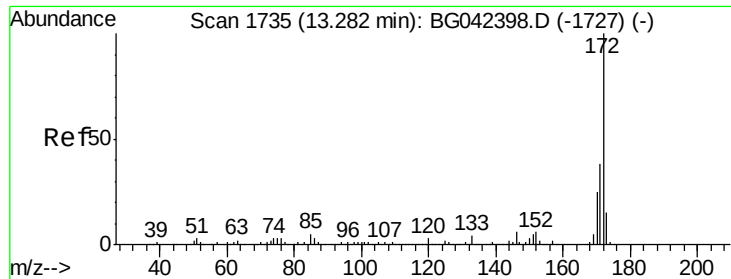
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 45.703 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion:	196	Resp:	240886
Ion Ratio	Lower	Upper	
196	100		
198	95.5	80.2	120.4
97	33.4	26.3	39.5
132	22.7	16.6	24.8





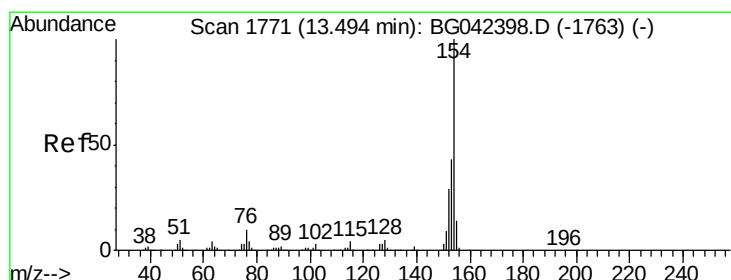
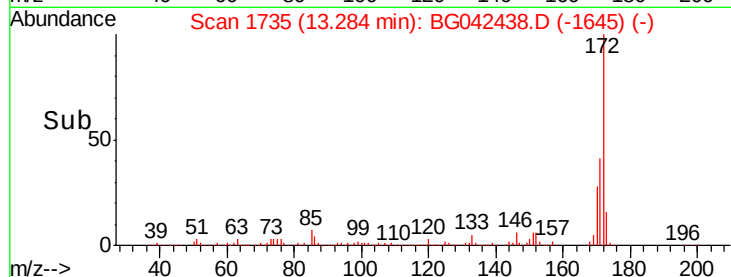
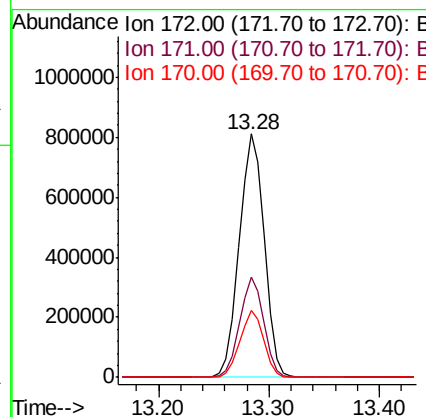
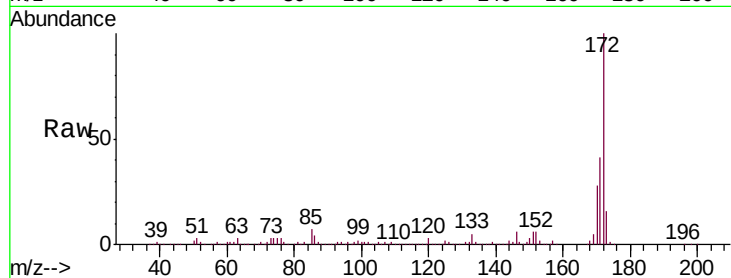
#45
2-Fluorobiphenyl
Concen: 93.289 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	30.5	45.7
170	27.5	20.2	30.2

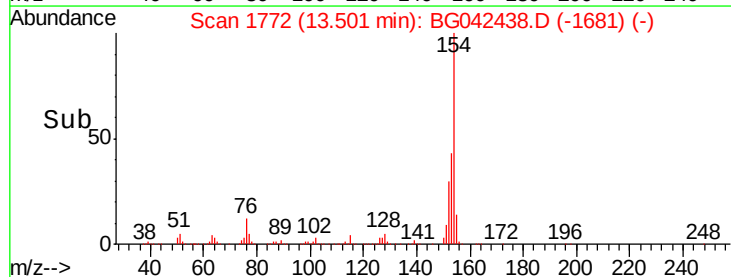
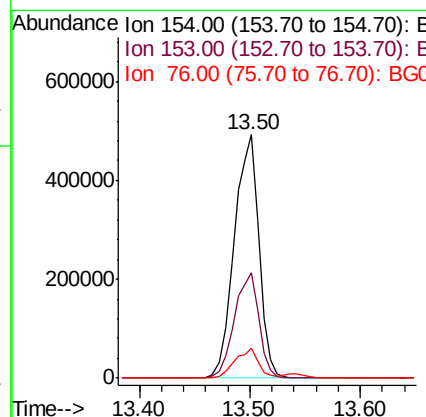
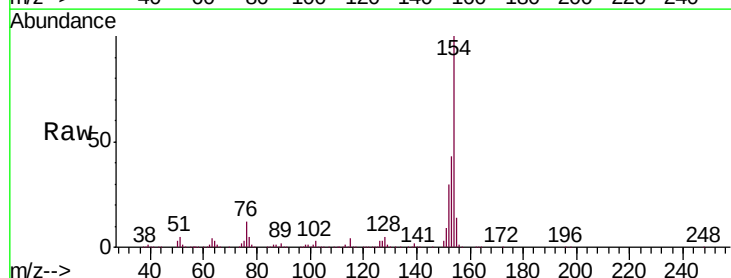
Manual Integrations
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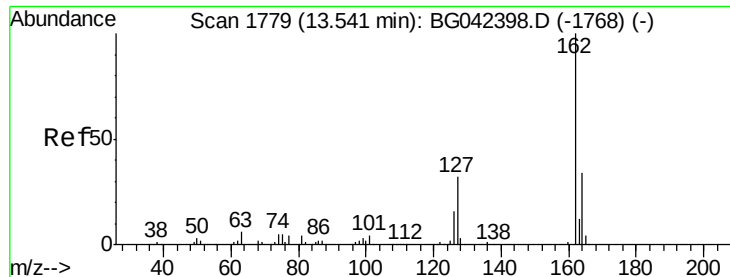
Jagrut
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#46
1,1'-Biphenyl
Concen: 50.774 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.0	63.0
76	12.3	0.0	29.6





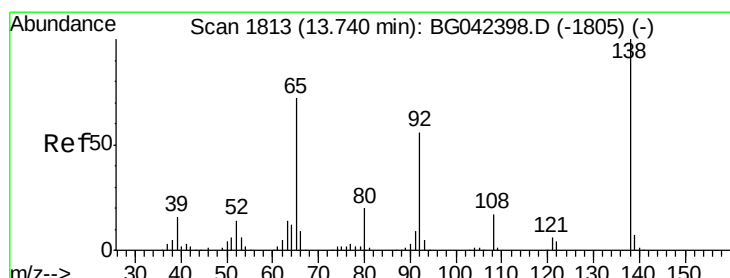
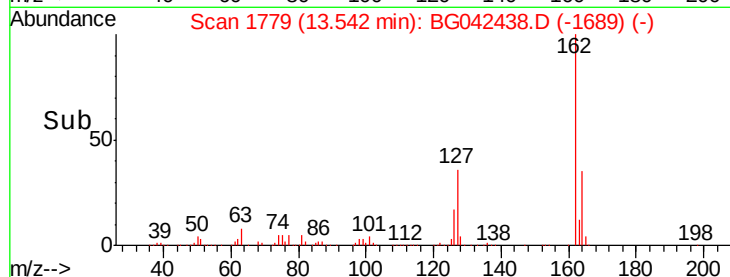
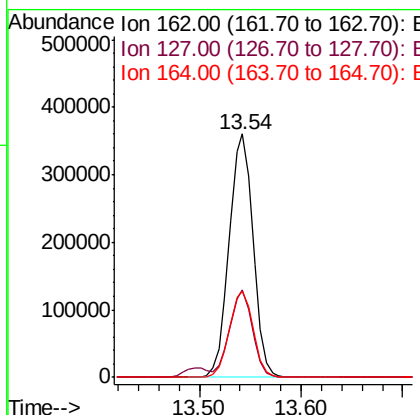
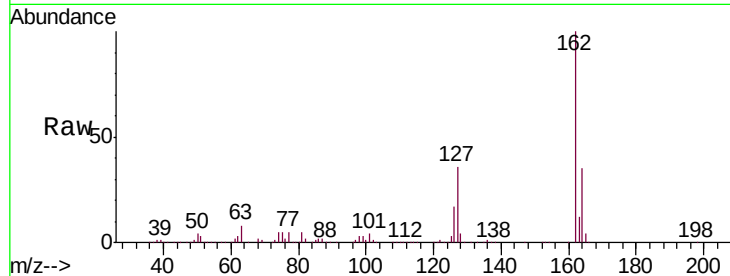
#47
 2-Chloronaphthalene
 Concen: 45.165 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.7	26.0	39.0	
164	35.3	27.4	41.0	

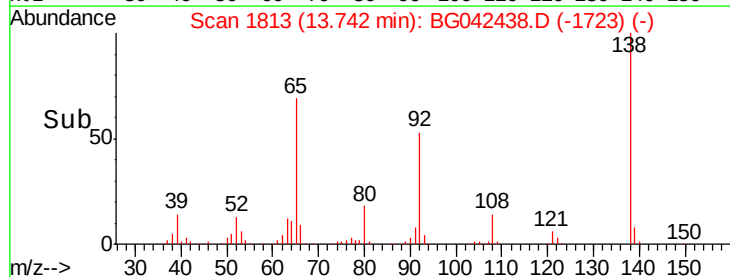
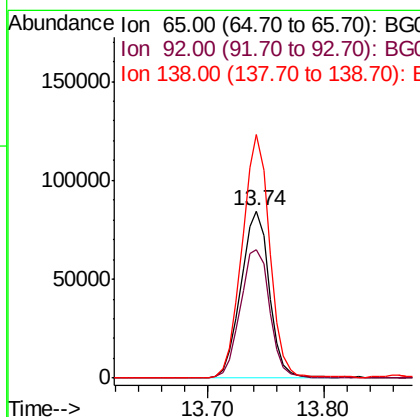
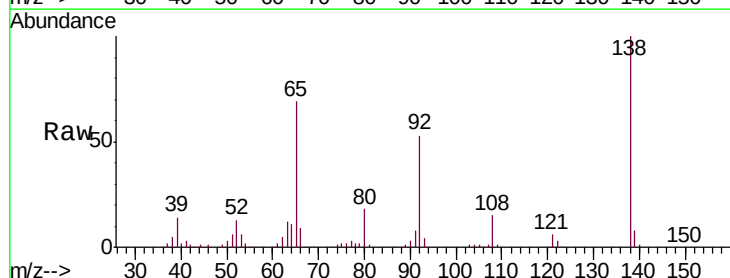
Manual Integrations
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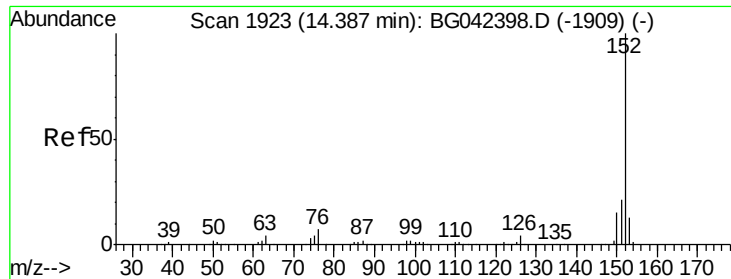
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#48
 2-Nitroaniline
 Concen: 45.432 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	76.8	61.8	92.6	
138	145.8	111.0	166.6	





#49

Acenaphthylene

Concen: 51.809 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-082019MS

Tot Ion:152 Resp: 1017959

Ion Ratio Lower Upper

152 100

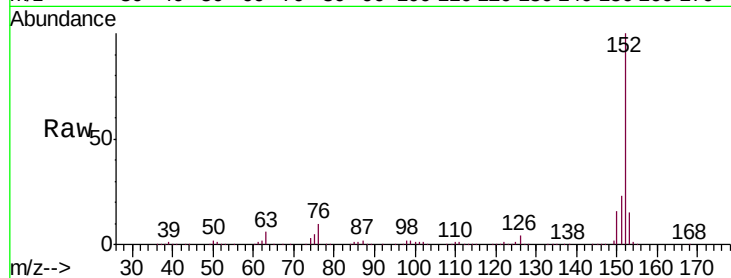
151 22.7 17.0 25.4

153 14.8 10.6 16.0

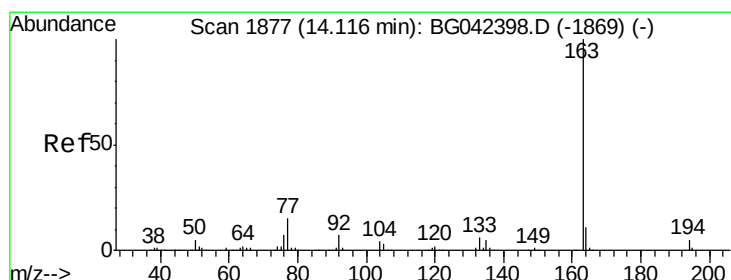
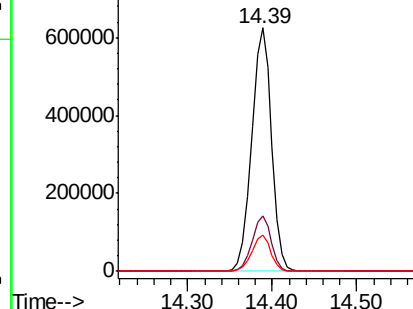
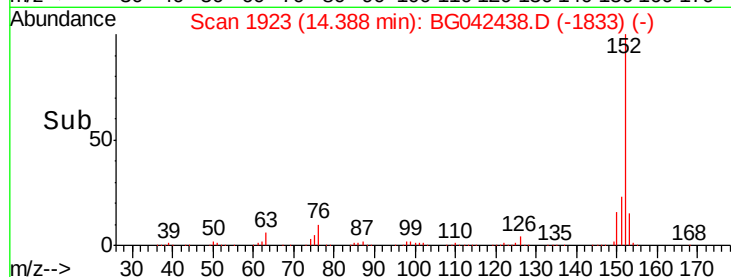
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.738 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

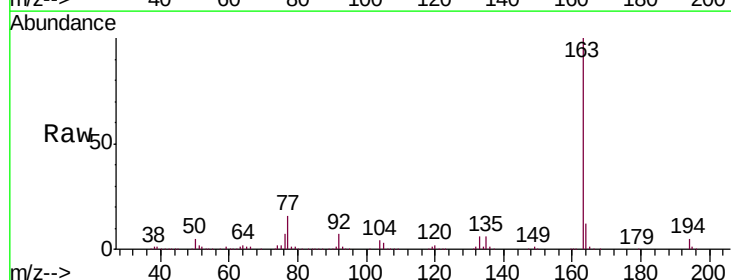
Tgt Ion:163 Resp: 925421

Ion Ratio Lower Upper

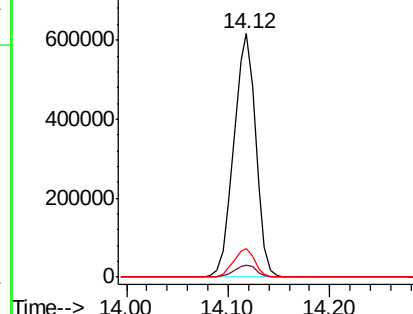
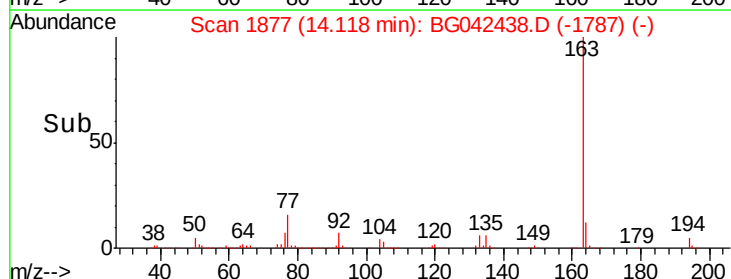
163 100

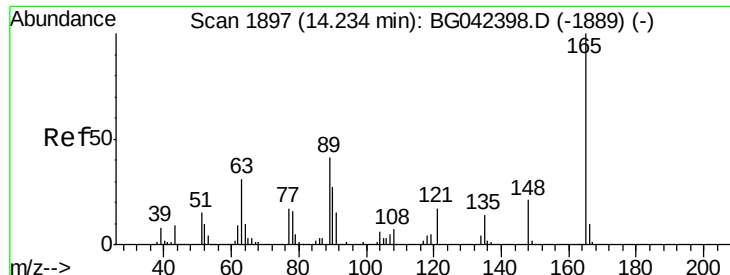
194 5.1 4.2 6.2

164 11.5 8.8 13.2



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





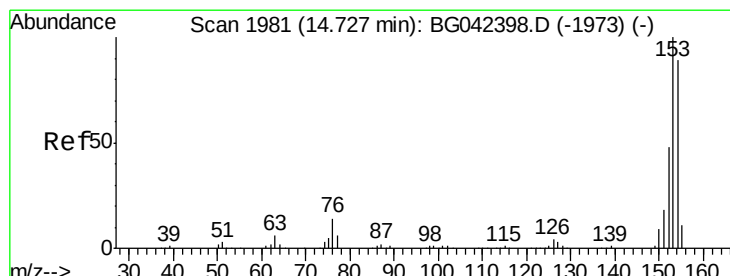
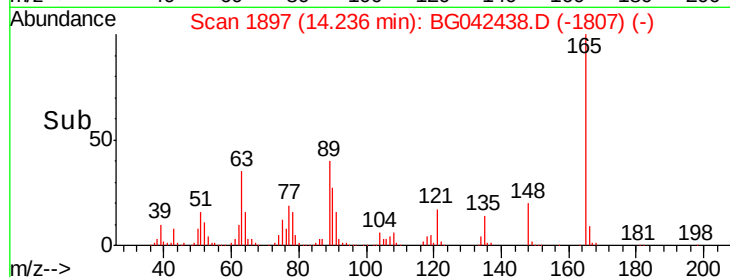
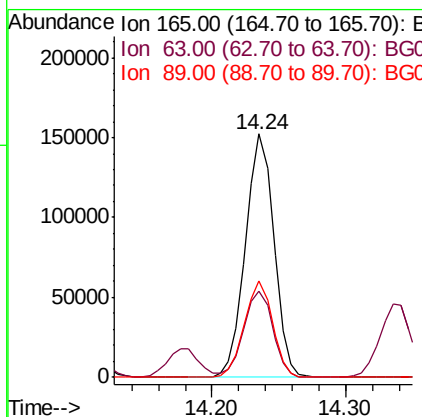
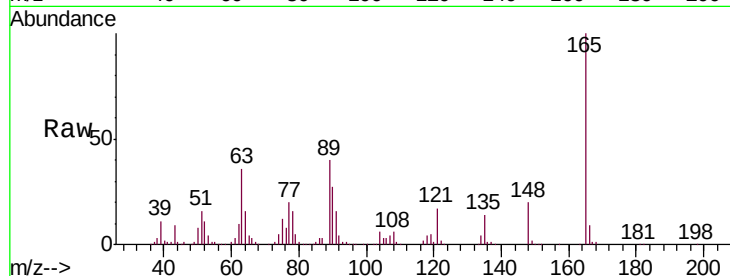
#51
 2,6-Dinitrotoluene
 Concen: 57.235 ng
 RT: 14.24 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	224290		
63	35.6		30.6	45.8
89	39.7		32.6	49.0

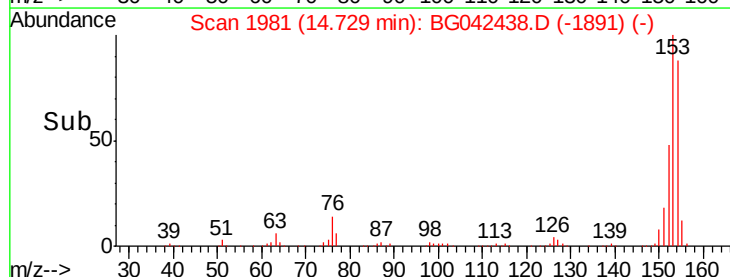
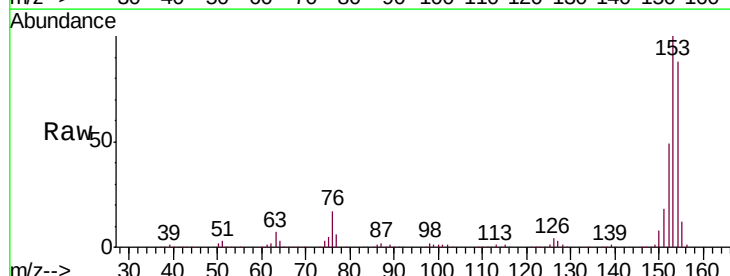
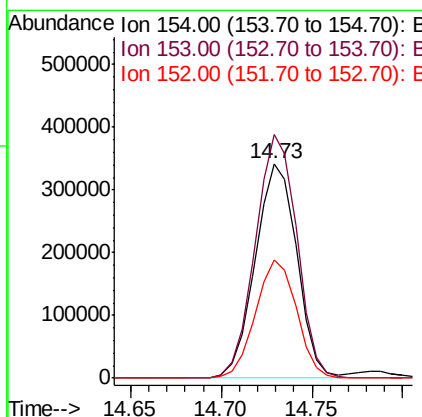
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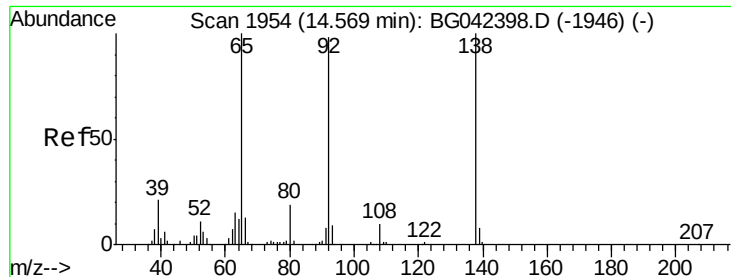
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#52
 Acenaphthene
 Concen: 45.502 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	542867		
153	113.4		90.2	135.4
152	55.1		43.2	64.8





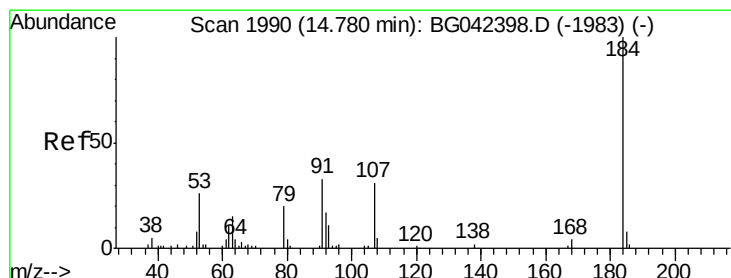
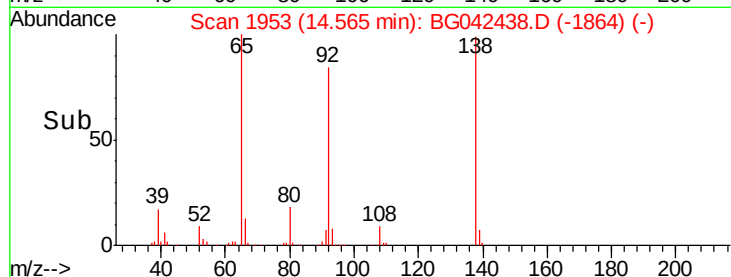
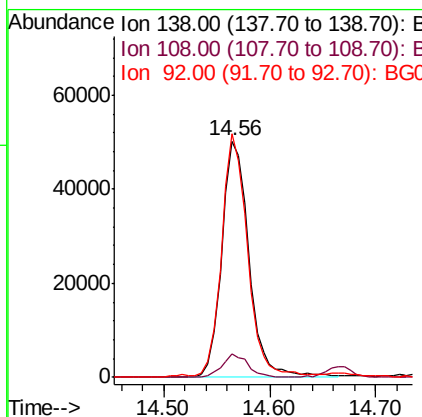
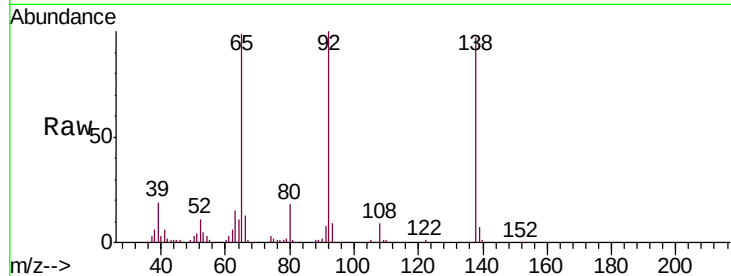
#53
3-Nitroaniline
Concen: 22.968 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.3	12.5
92	102.9	78.2	117.4

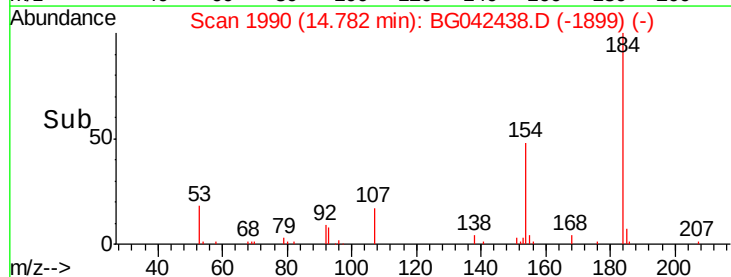
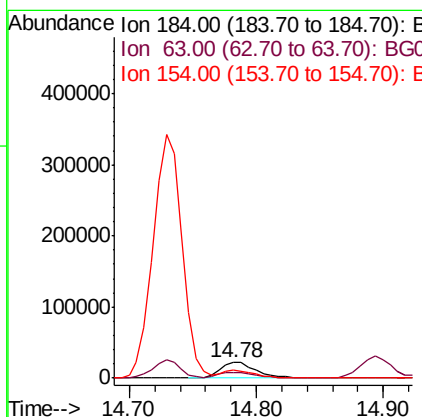
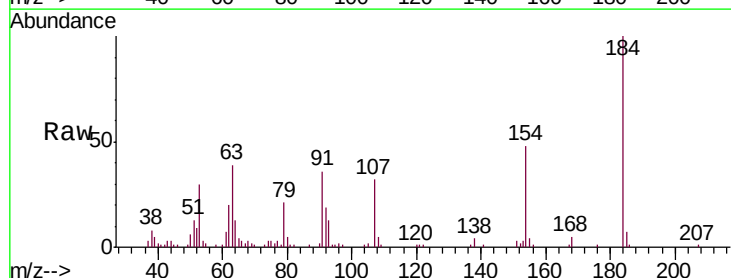
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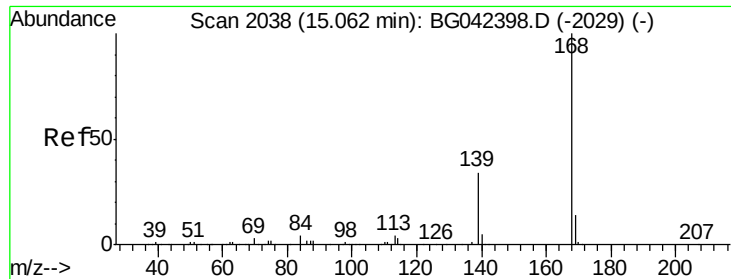
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#54
2,4-Dinitrophenol
Concen: 21.898 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.2	31.7	47.5
154	47.9	42.0	63.0





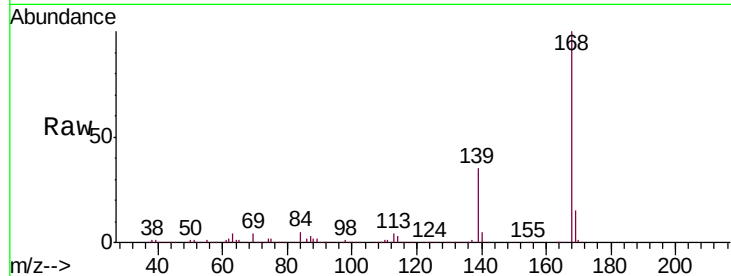
#55
Dibenzenofuran
Concen: 44.512 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	27.2	40.8
169	15.0	11.5	17.3

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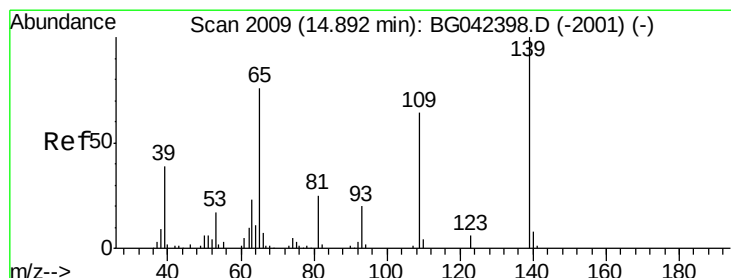
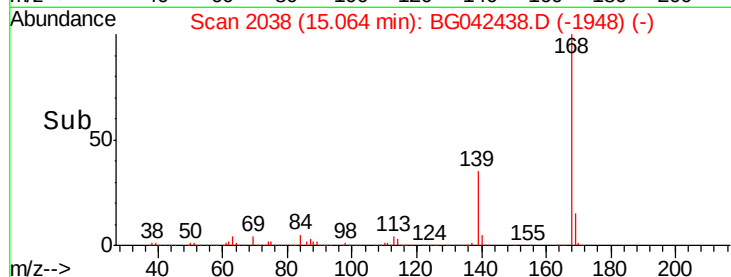
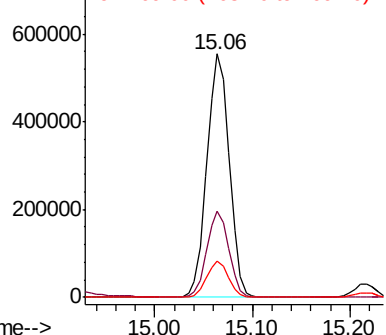


Abundance

Ion 168.00 (167.70 to 168.70): E

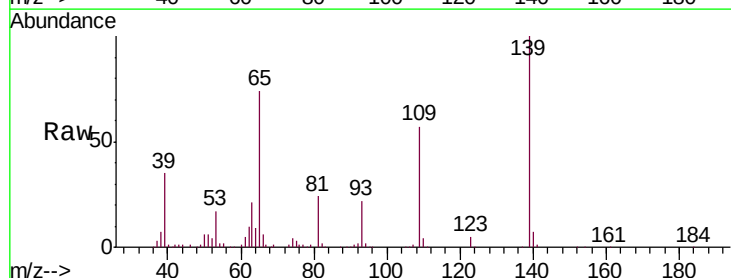
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 97.847 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.9	43.9	83.9
65	73.6	56.3	96.3

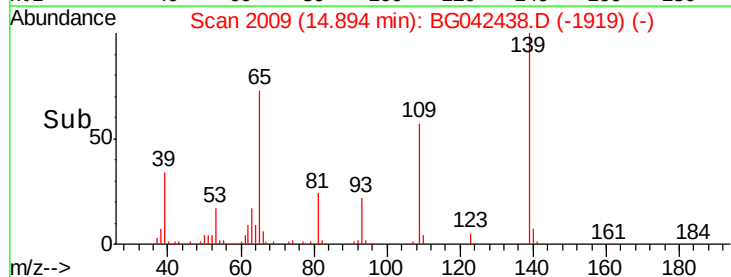
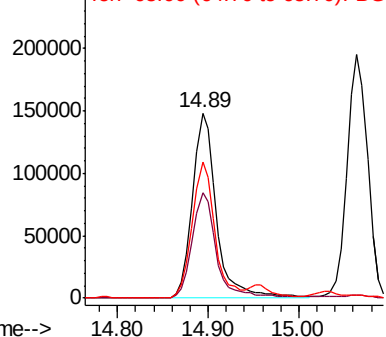


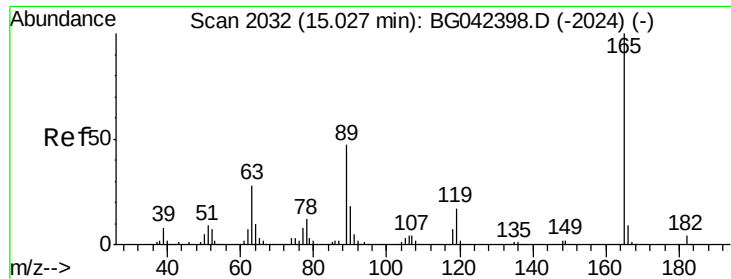
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





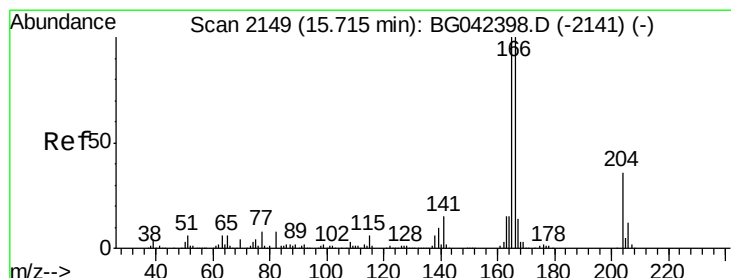
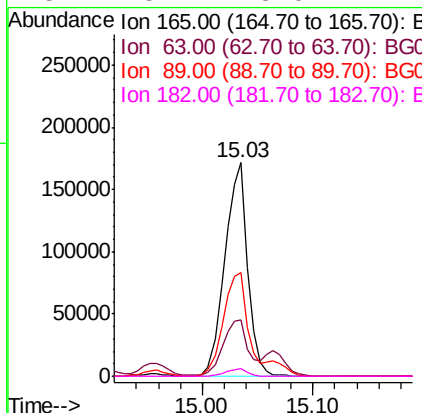
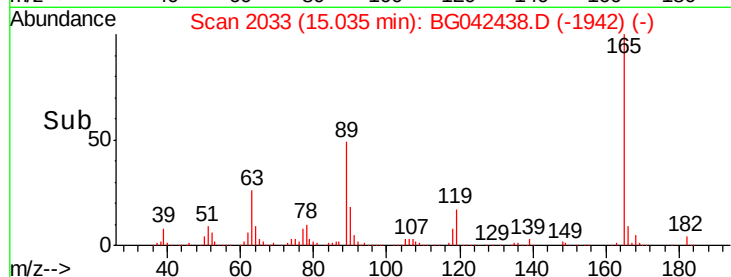
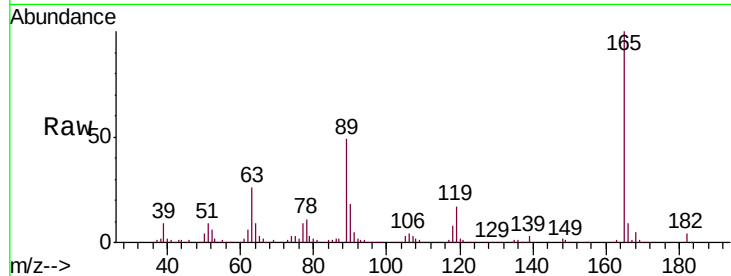
#57
 2,4-Dinitrotoluene
 Concen: 44.052 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		247200		
63	26.3		22.5	33.7	
89	48.6		37.8	56.6	
182	3.7		3.0	4.4	

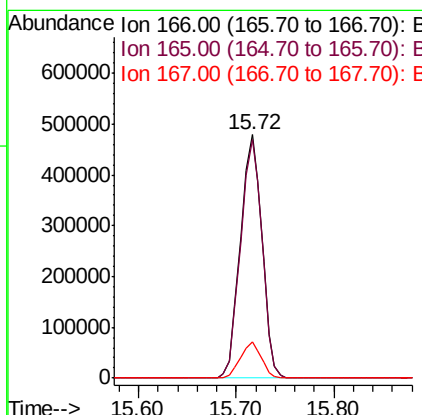
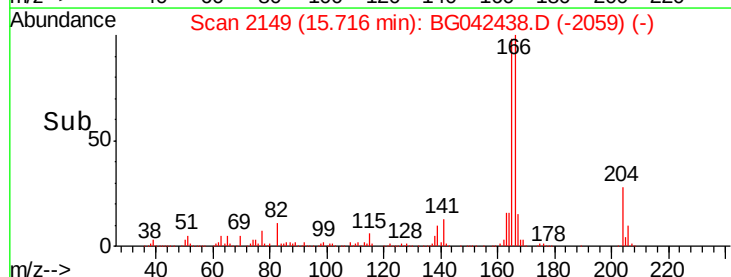
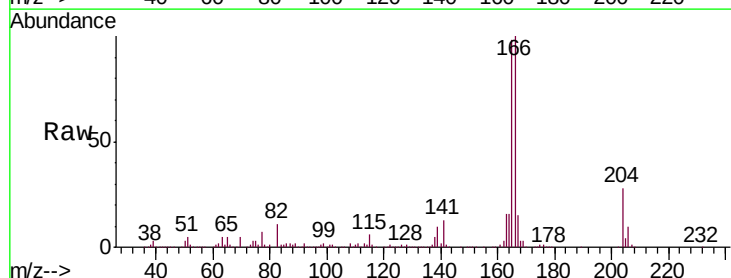
Manual Integrations
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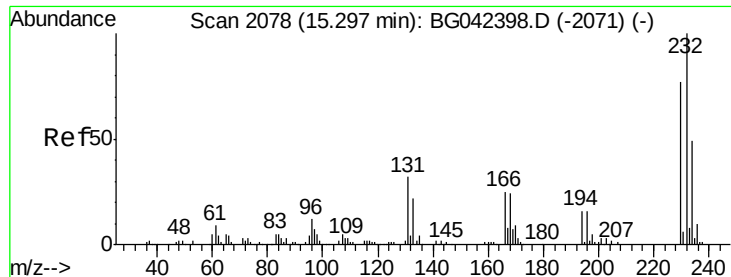
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#58
 Fluorene
 Concen: 45.731 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		738252		
165	98.1		79.7	119.5	
167	14.7		10.9	16.3	





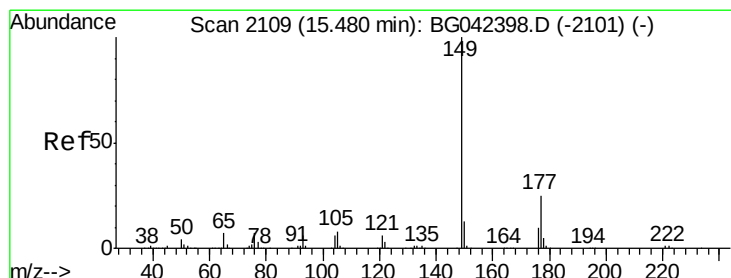
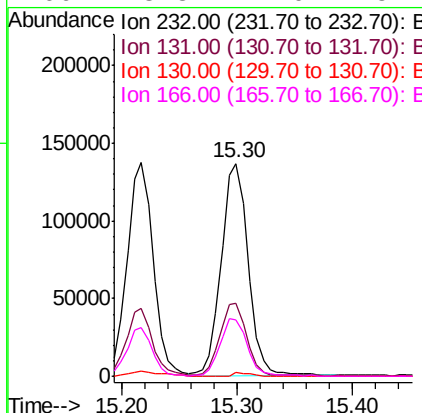
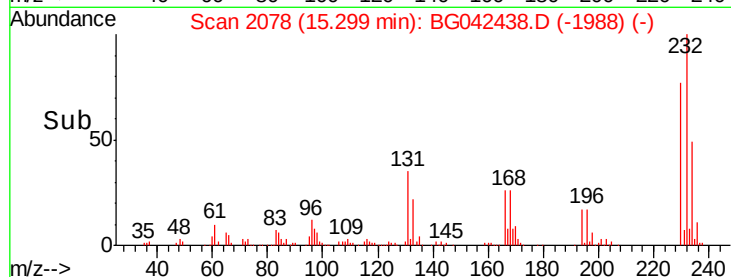
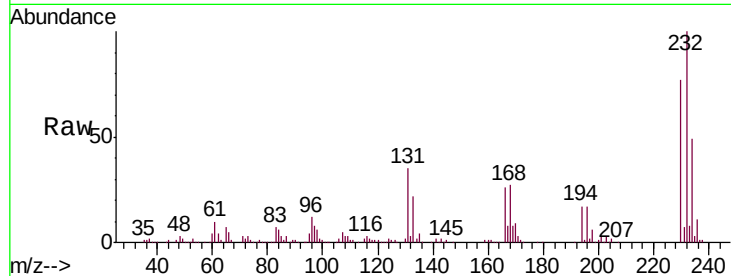
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.182 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	219865		
131	34.7	22.9	34.3#	
130	1.1	1.4	2.0#	
166	28.3	17.0	25.4#	

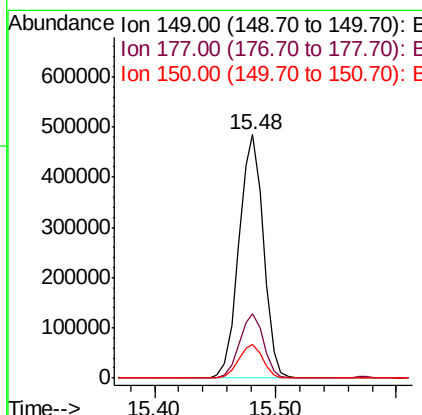
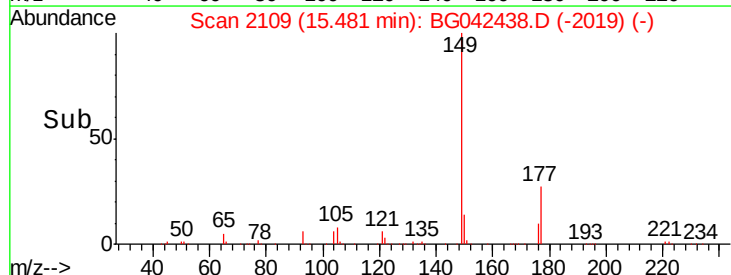
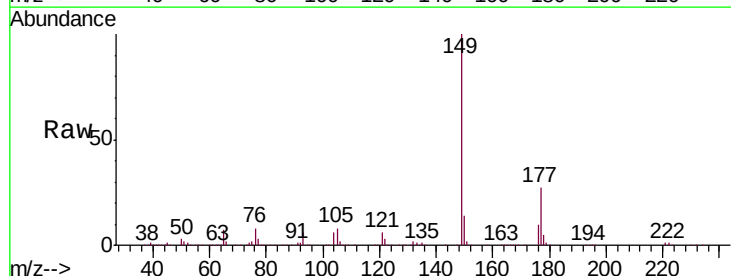
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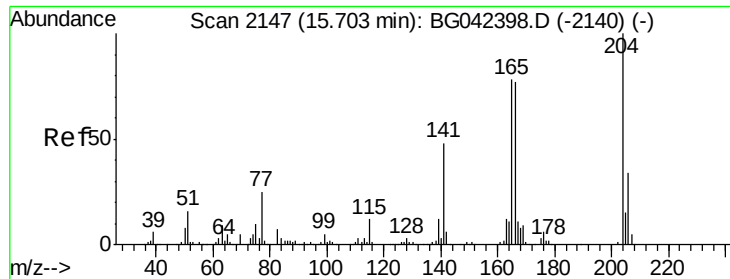
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#60
 Diethylphthalate
 Concen: 41.317 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	682844		
177	26.5	20.4	30.6	
150	13.6	10.3	15.5	





#61

4-Chlorophenyl-phenylether

Concen: 43.994 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

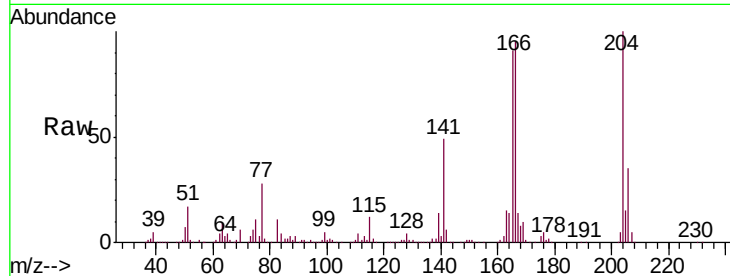
ClientSampleId :

NB-08-082019MS

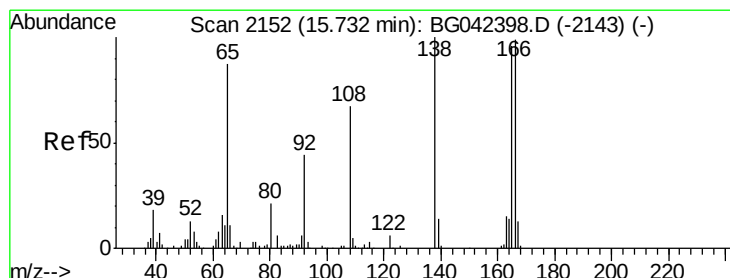
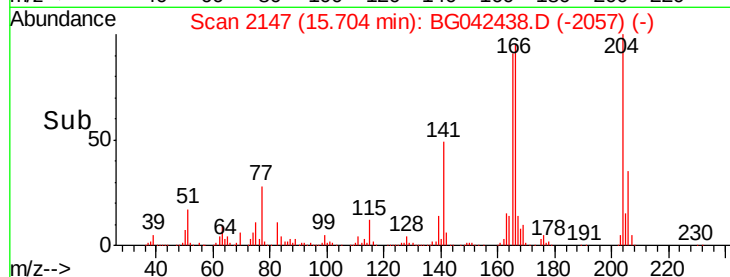
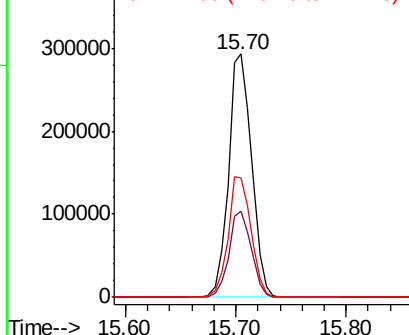
Tot Ion:	204	Resp:	428128
Ion Ratio	Lower	Upper	
204	100		
206	35.2	27.2	40.8
141	48.9	38.7	58.1

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Abundance Ion 204.00 (203.70 to 204.70): E
400000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 33.185 ng

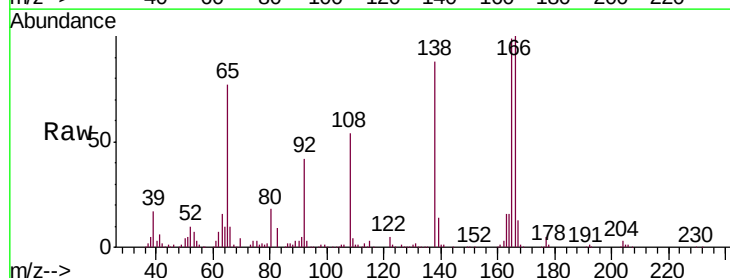
RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

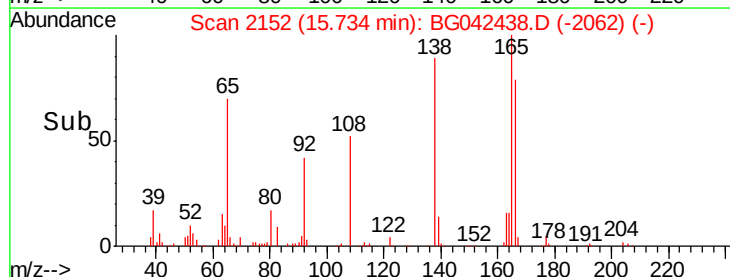
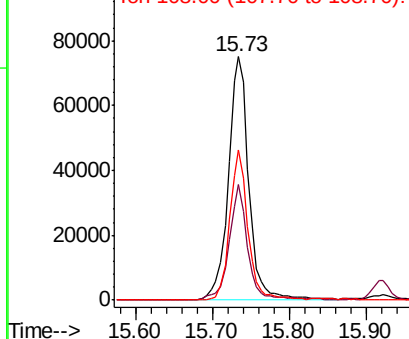
Lab File: BG042438.D

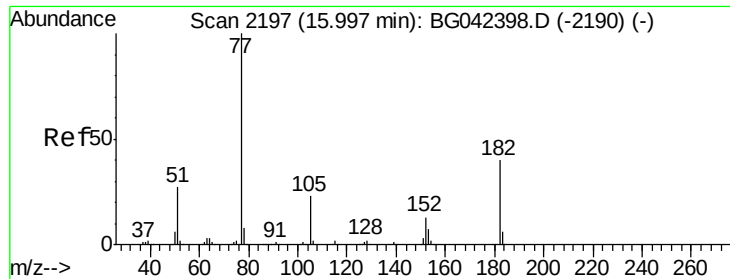
Acq: 23 Aug 2019 18:08

Tgt Ion:	138	Resp:	139193
Ion Ratio	Lower	Upper	
138	100		
92	47.2	24.2	64.2
108	61.8	46.8	86.8



Abundance Ion 138.00 (137.70 to 138.70): E
100000
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





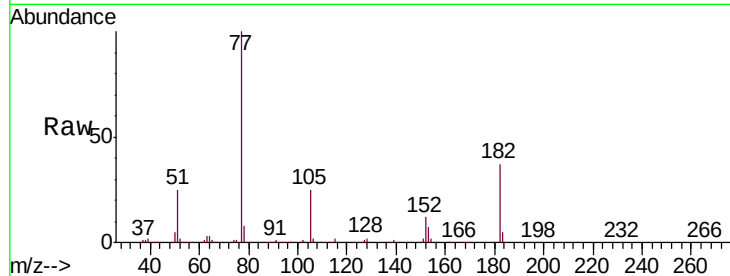
#63
Azobenzene
Concen: 64.347 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

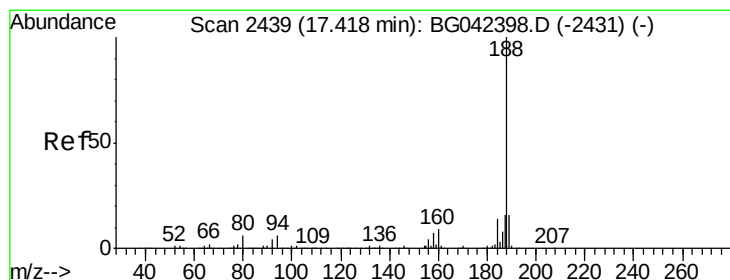
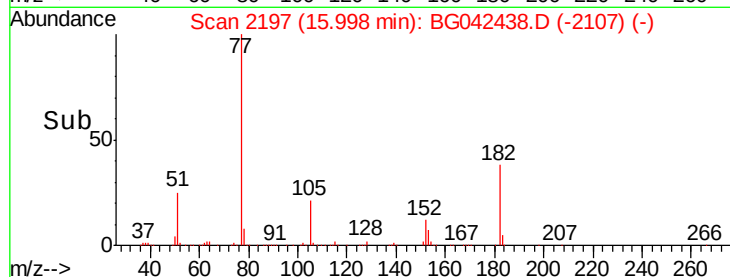
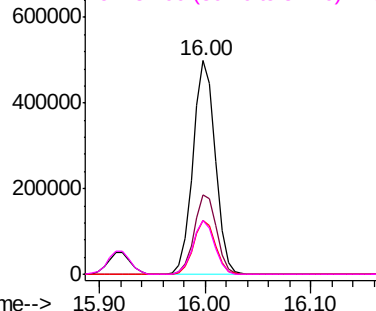
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		728712		
182	37.0	19.9	59.9		
105	25.3	2.9	42.9		
51	25.1	7.6	47.6		

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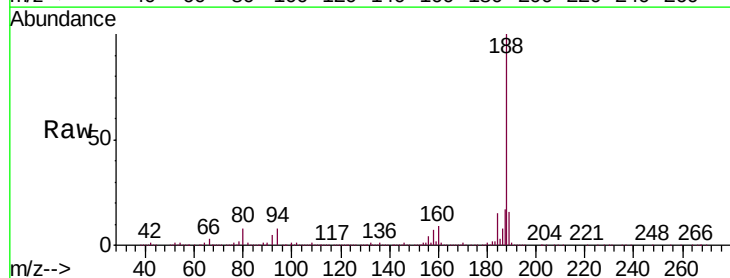


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

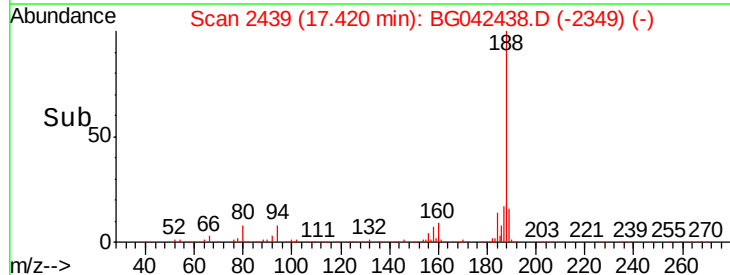
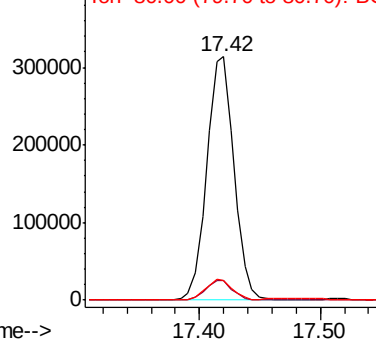


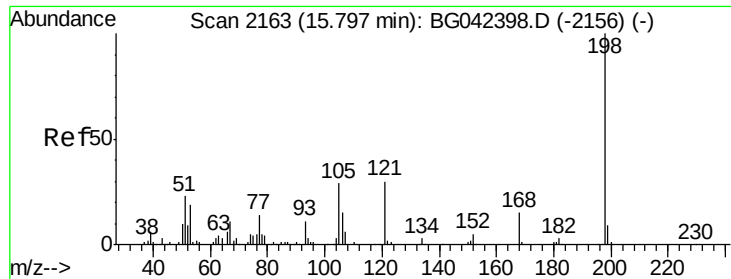
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		492563		
94	7.9	4.5	6.7#		
80	8.0	4.9	7.3#		



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





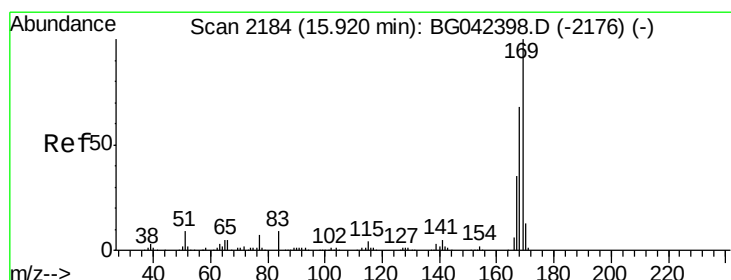
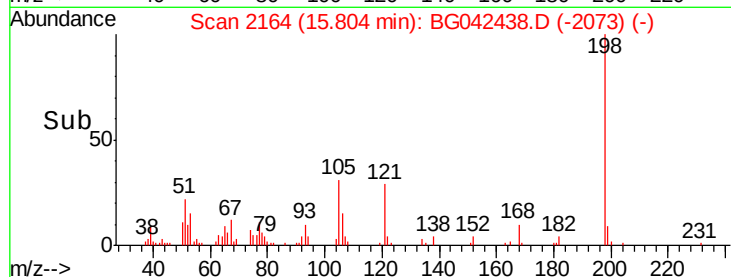
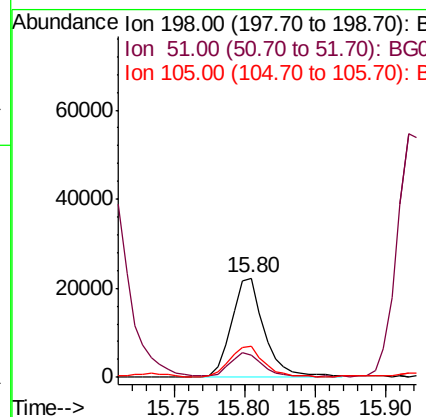
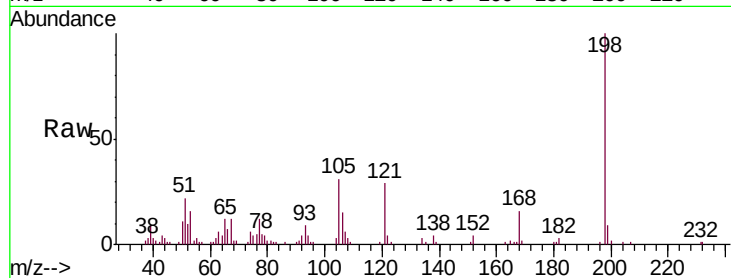
#65
4,6-Dinitro-2-methylphenol
Concen: 11.671 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	22.0	4.2	44.2	
105	31.0	8.8	48.8	

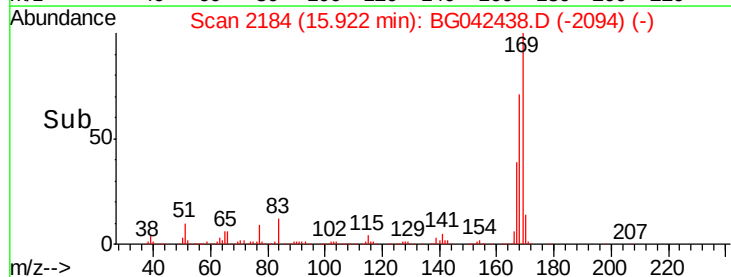
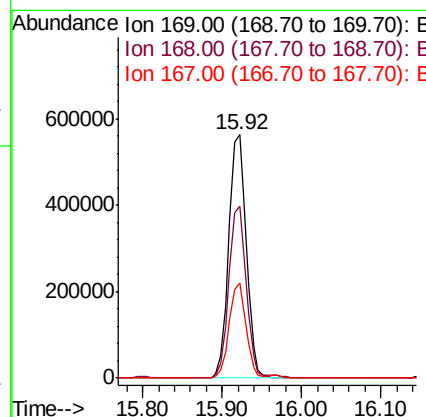
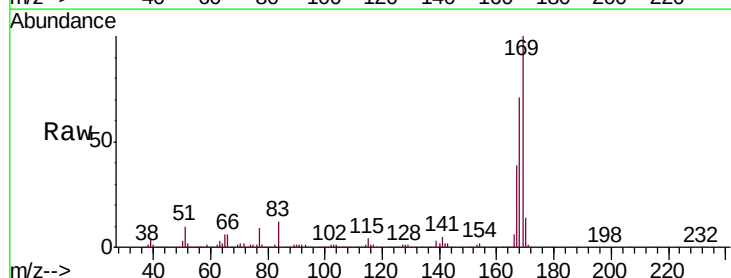
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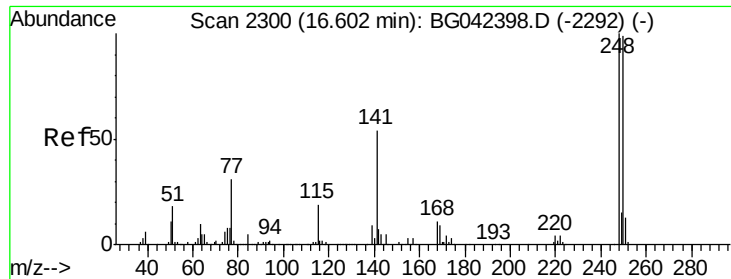
Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 63.765 ng
RT: 15.92 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.7	54.3	81.5	
167	39.1	28.2	42.2	





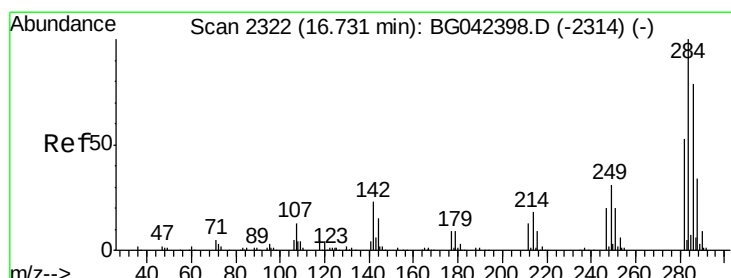
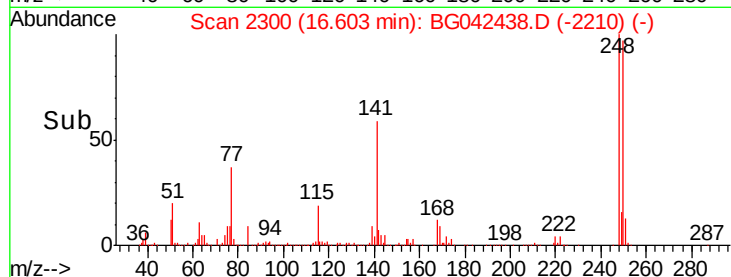
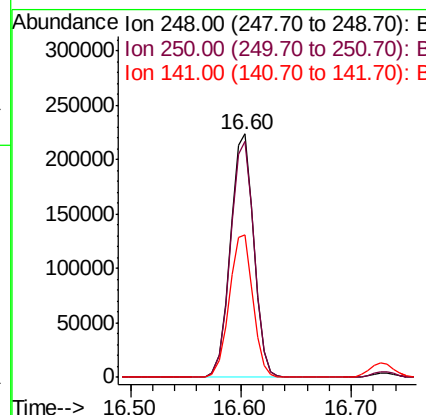
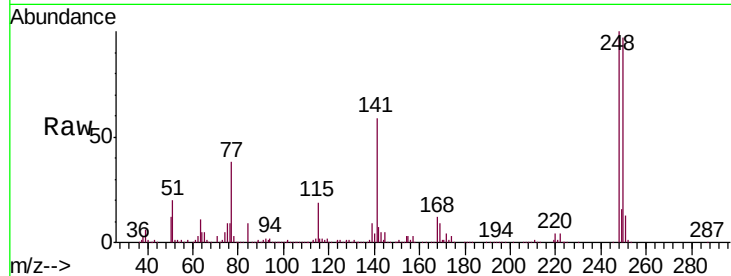
#67
 4-Bromophenyl-phenylether
 Concen: 53.028 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.9	118.3
141	58.7	43.3	64.9

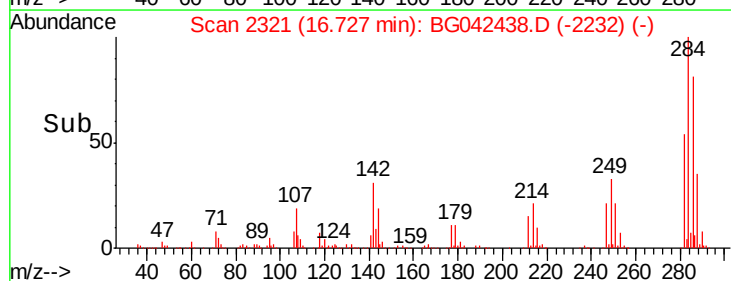
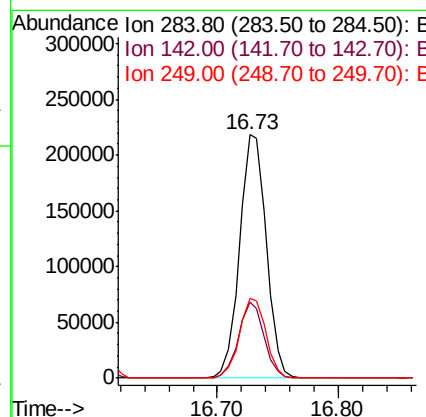
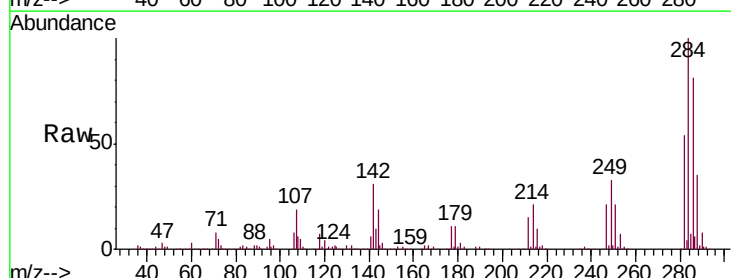
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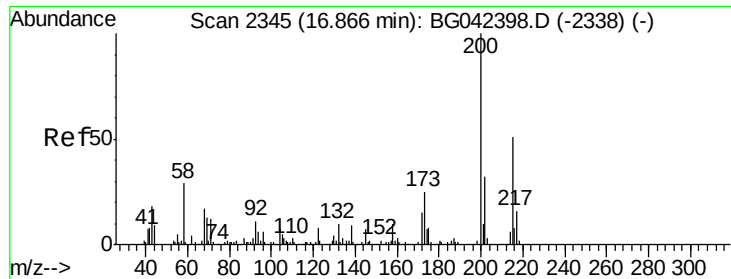
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#68
 Hexachlorobenzene
 Concen: 49.339 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	18.2	27.4#
249	33.0	25.0	37.4





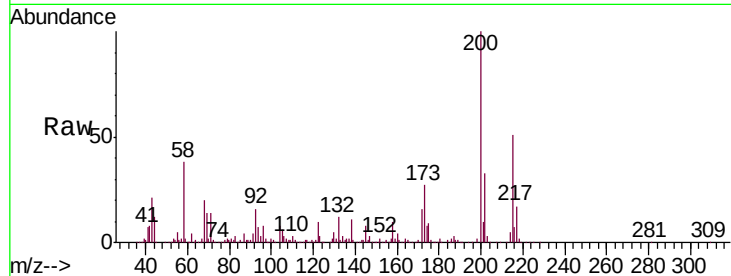
#69
Atrazine
Concen: 62.352 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	298679		
173	27.0	4.9	44.9	
215	50.7	30.7	70.7	

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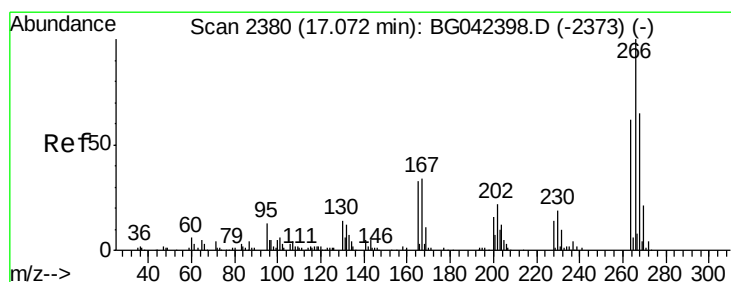
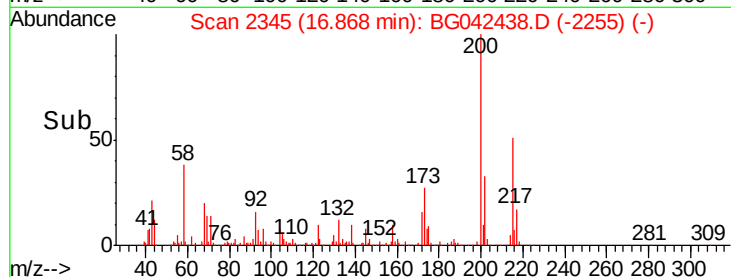
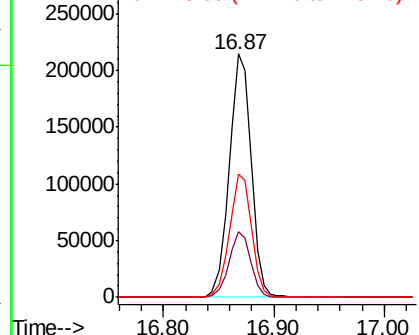


Abundance

Ion 200.00 (199.70 to 200.70): E

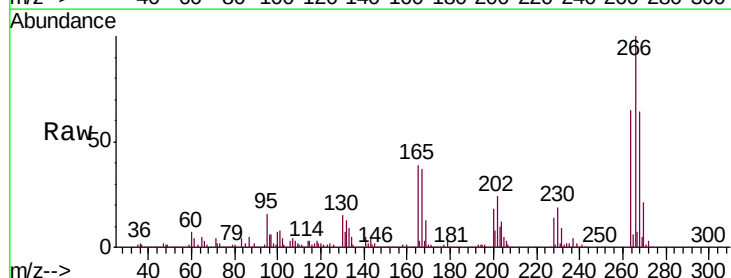
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 106.430 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	375585		
268	63.8	52.1	78.1	
264	65.0	49.4	74.2	

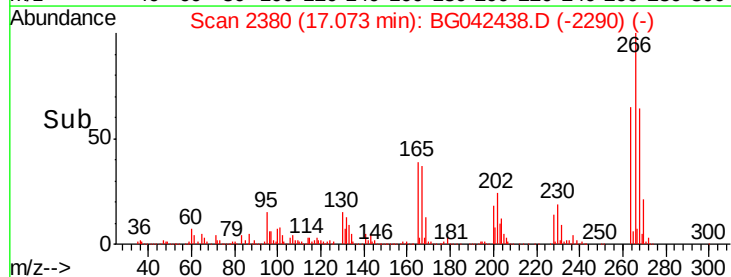
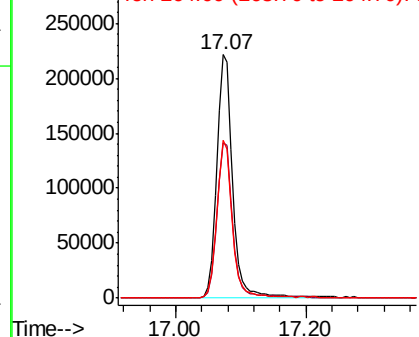


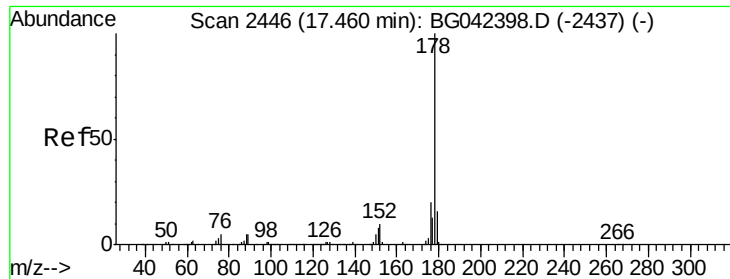
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





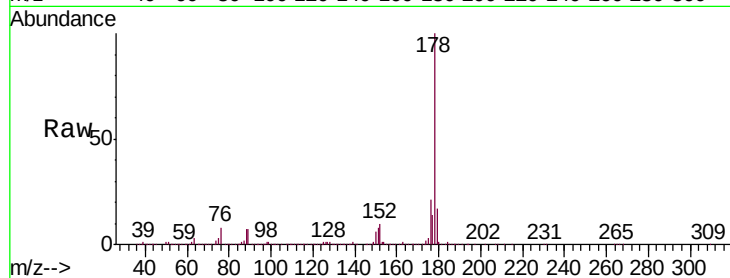
#71
Phenanthrene
Concen: 46.116 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

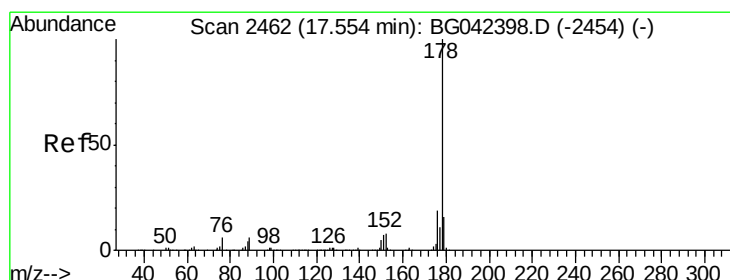
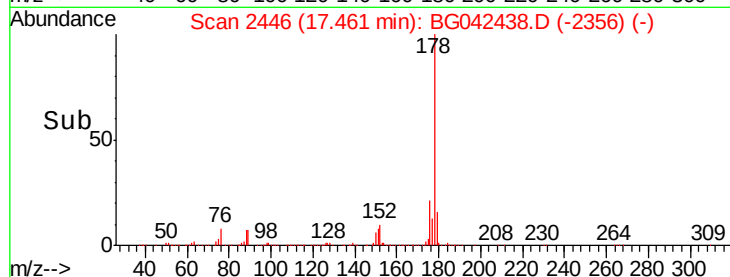
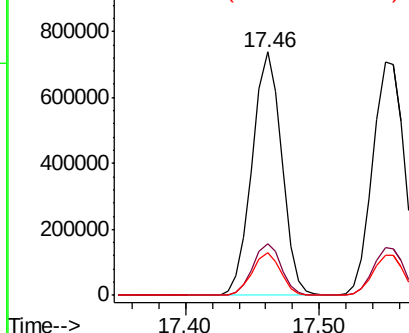
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.9	23.9
179	17.5	12.7	19.1

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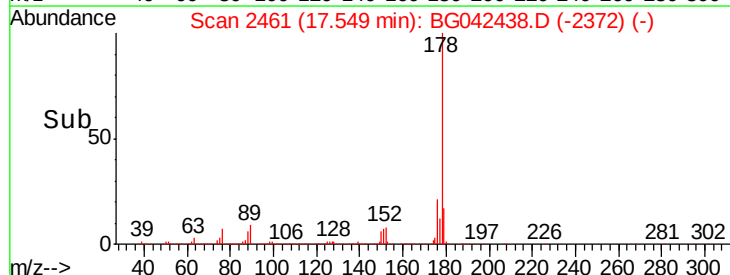
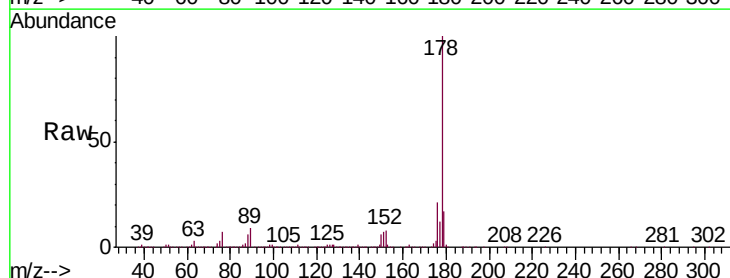
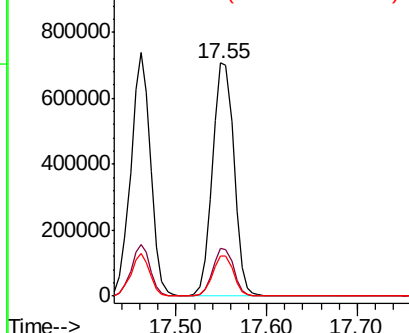
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

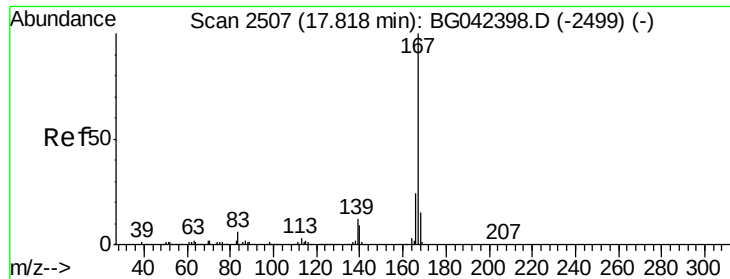


#72
Anthracene
Concen: 47.584 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.5	23.3
179	17.5	12.9	19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





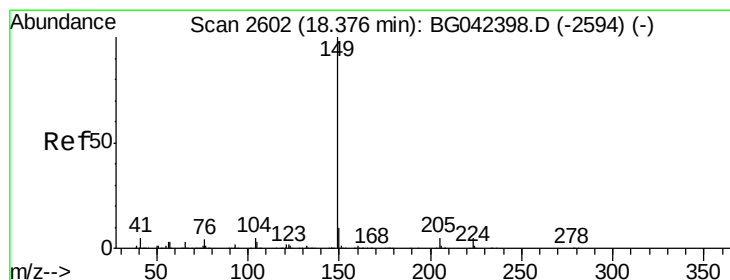
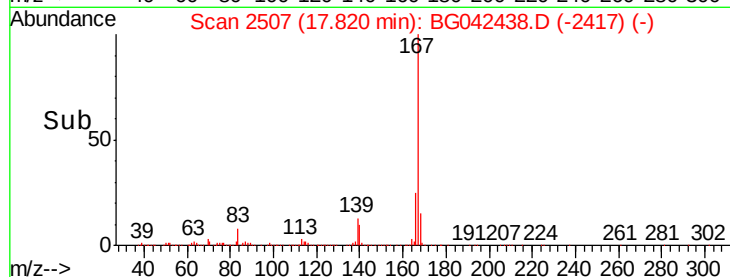
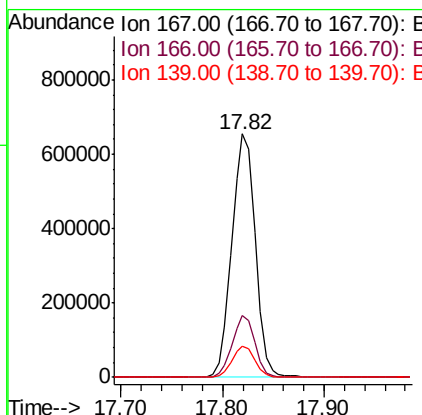
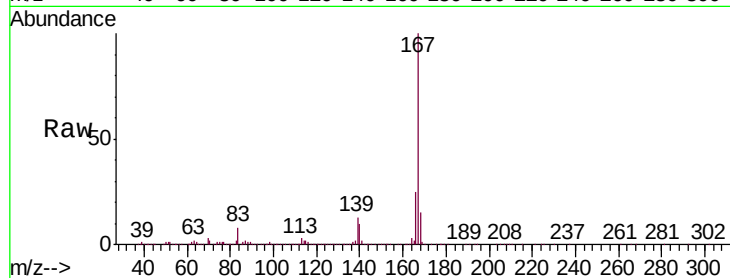
#73
 Carbazole
 Concen: 48.449 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	18.9	28.3
139	12.9	9.8	14.6

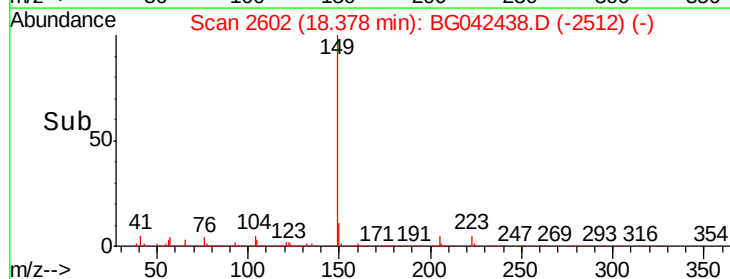
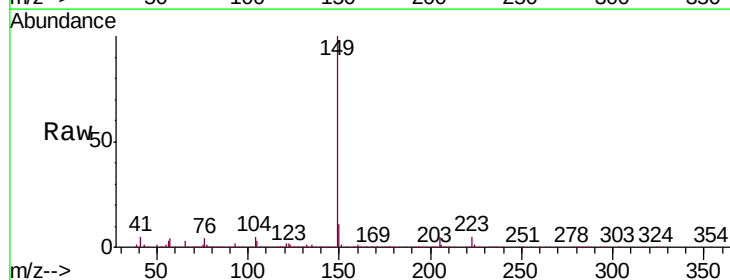
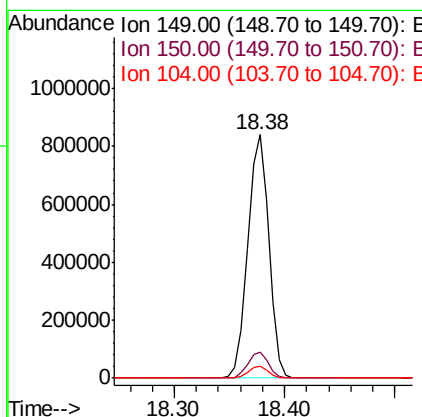
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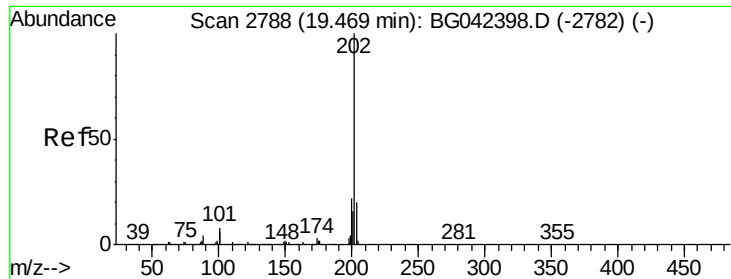
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#74
 Di-n-butylphthalate
 Concen: 43.693 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.1	12.1
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 41.228 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

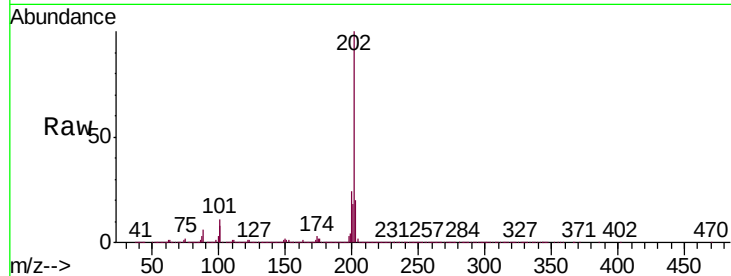
ClientSampleId :

NB-08-082019MS

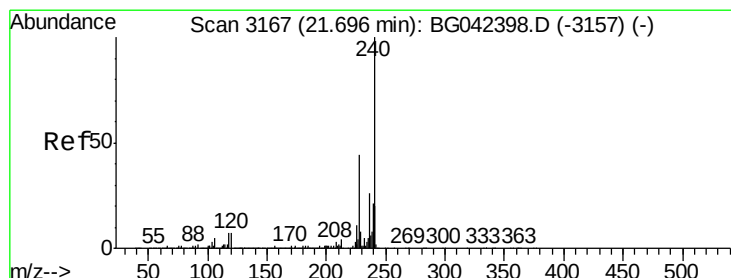
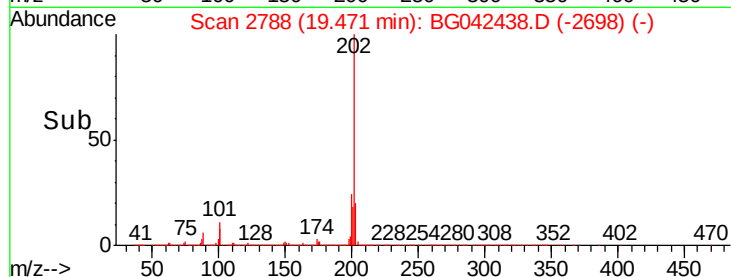
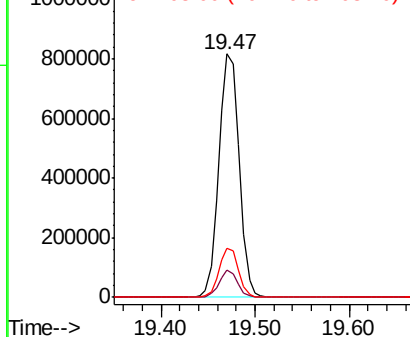
Tot Ion:	202	Resp:	1231044
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	28.3
203	20.3	0.0	39.6

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



#76

Chrysene-d12

Concen: 20.000 ng

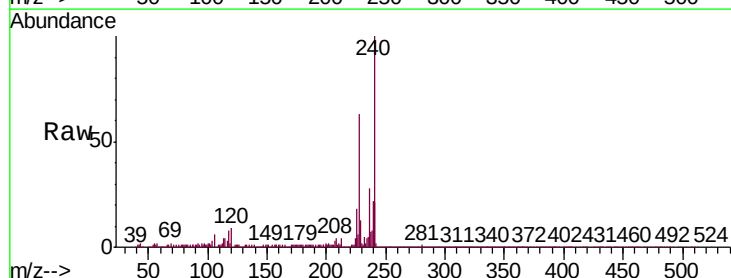
RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

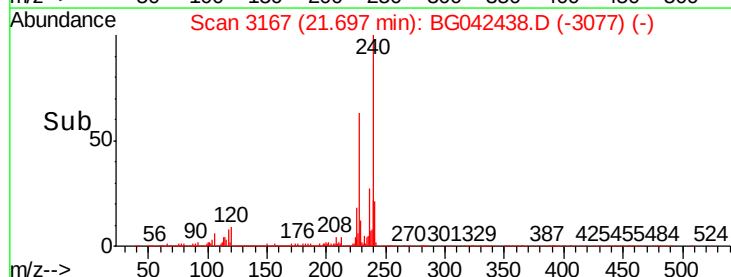
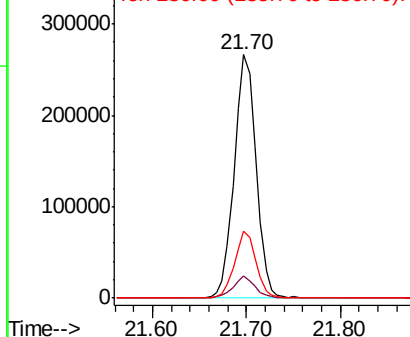
Lab File: BG042438.D

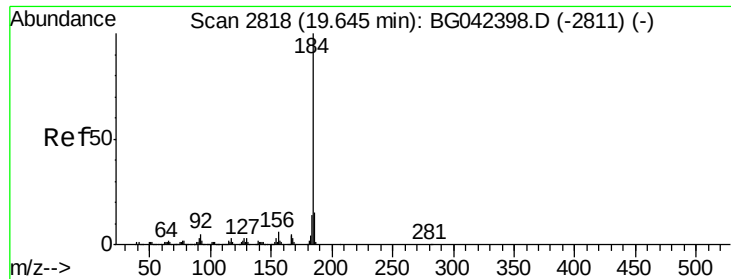
Acq: 23 Aug 2019 18:08

Tgt Ion:	240	Resp:	429185
Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.7	8.5#
236	27.6	21.0	31.4



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





#77

Benzidine

Concen: 50.348 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

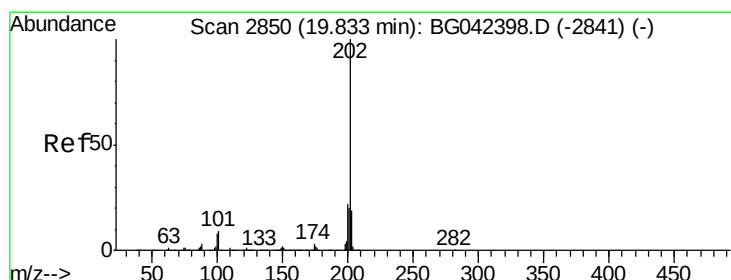
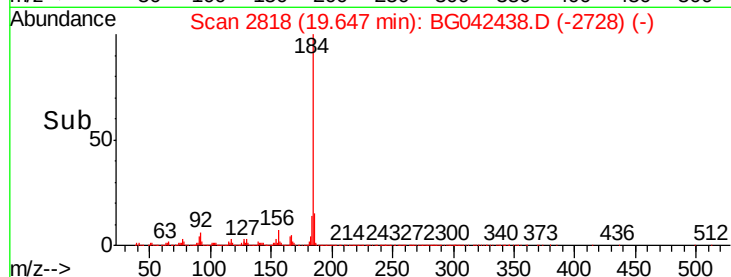
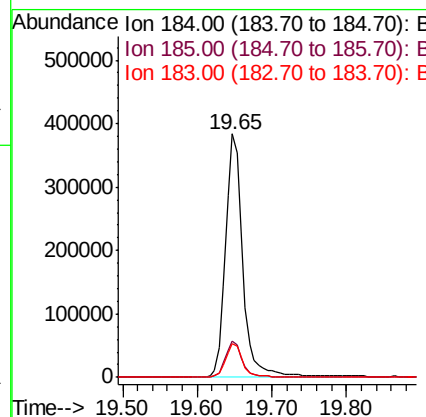
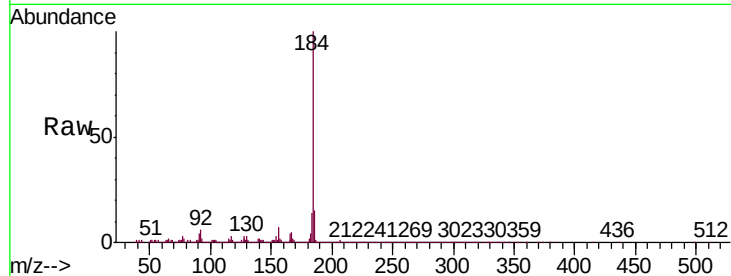
ClientSampleId :

NB-08-082019MS

Tot Ion:	184	Resp:	619530
Ion Ratio		Lower	Upper
184	100		
185	14.9	12.2	18.4
183	13.9	10.8	16.2

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#78

Pyrene

Concen: 48.161 ng

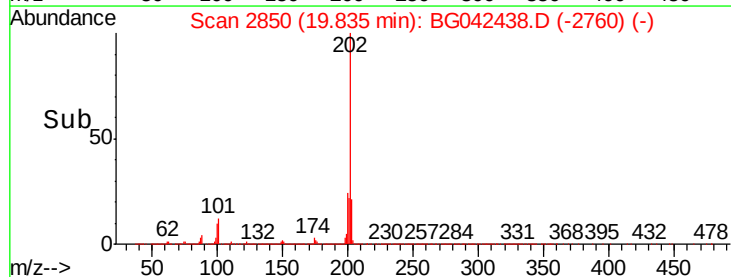
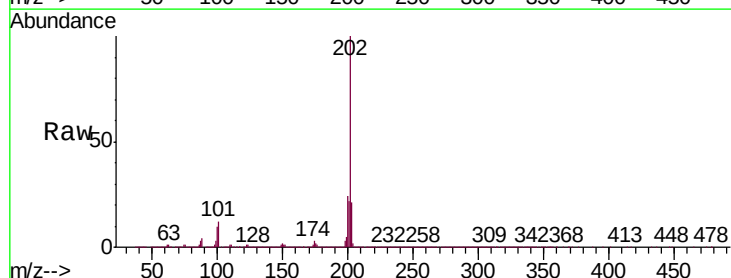
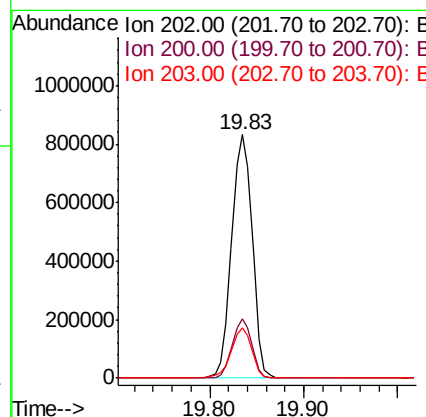
RT: 19.83 min Scan# 2850

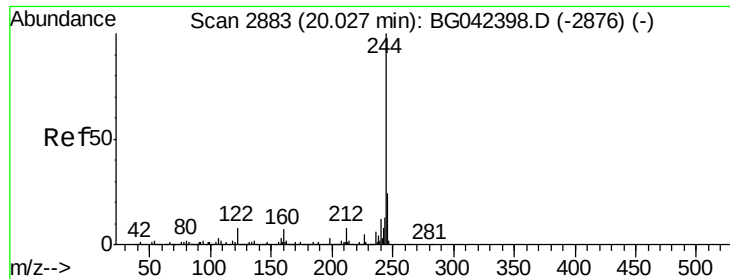
Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Tgt Ion:	202	Resp:	1267273
Ion Ratio		Lower	Upper
202	100		
200	24.3	17.8	26.6
203	20.8	15.5	23.3





#79

Terphenyl-d14

Concen: 94.496 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-082019MS

Tot Ion:244 Resp: 1875940

Ion Ratio Lower Upper

244 100

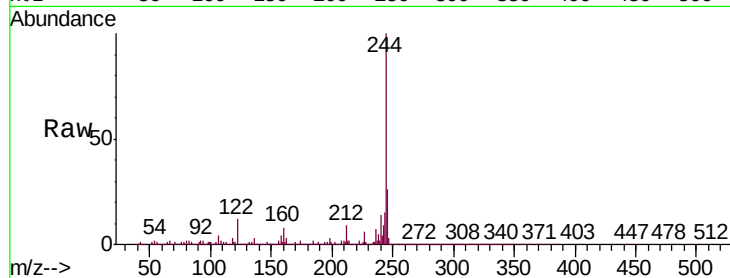
212 9.4 6.0 9.0#

122 11.9 6.7 10.1#

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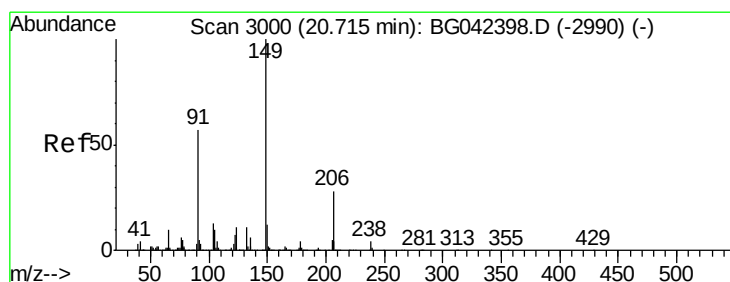
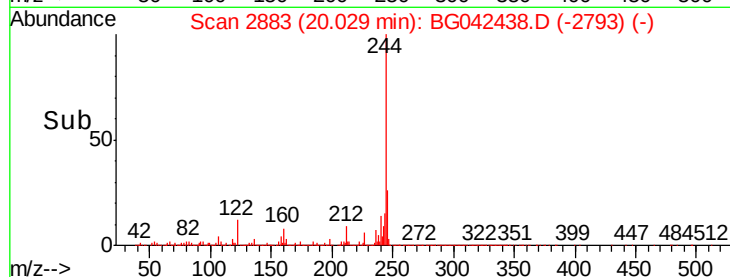
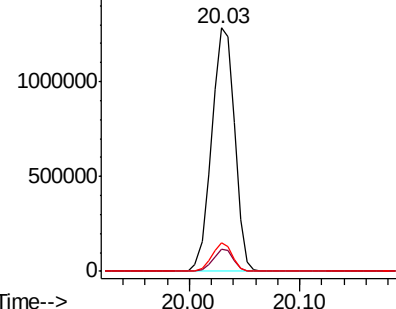
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.479 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

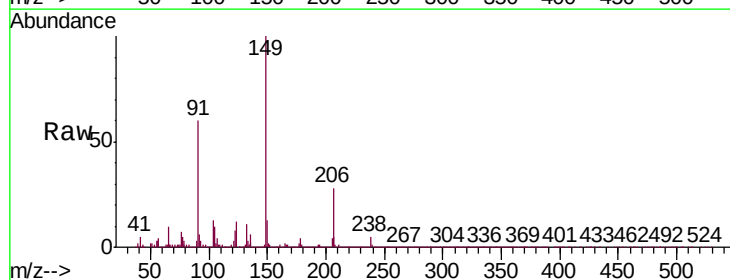
Tgt Ion:149 Resp: 512087

Ion Ratio Lower Upper

149 100

91 59.6 45.9 68.9

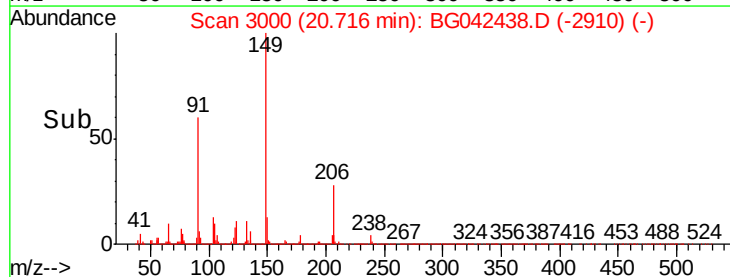
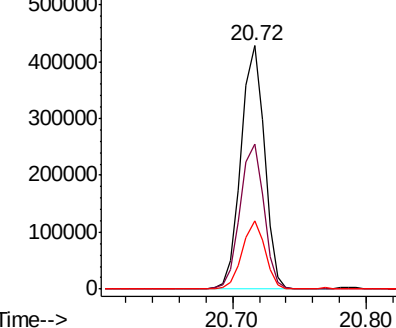
206 28.3 22.5 33.7

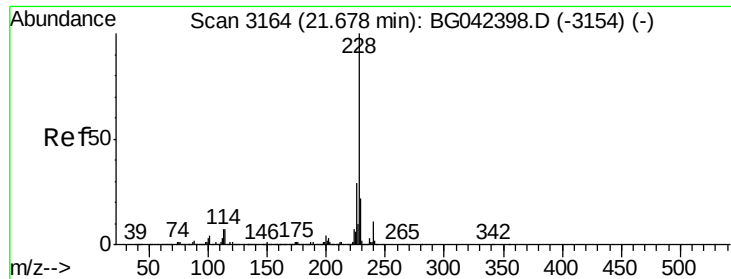


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.236 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

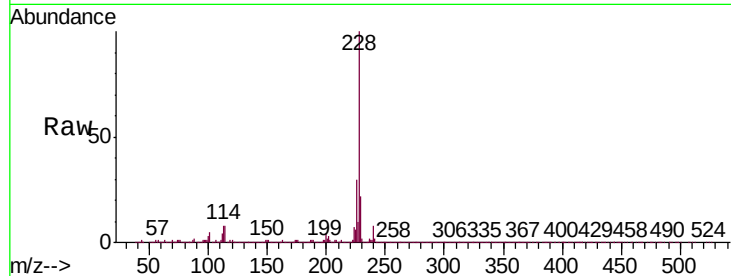
ClientSampleId :

NB-08-082019MS

Tot Ion:	228	Resp:	1207129
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.3	17.4	26.2

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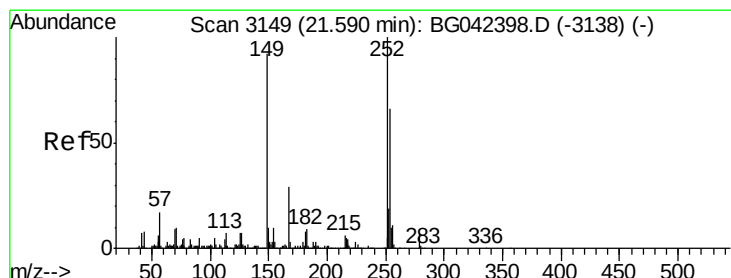
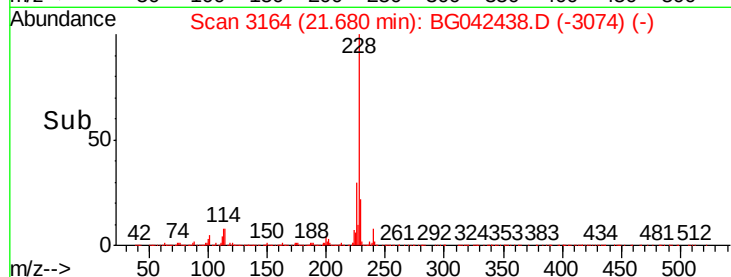
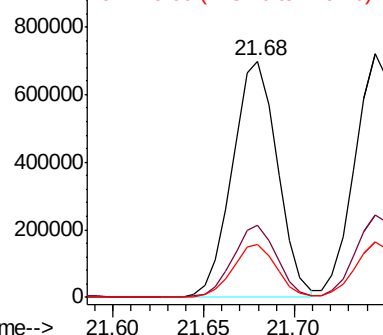


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.952 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

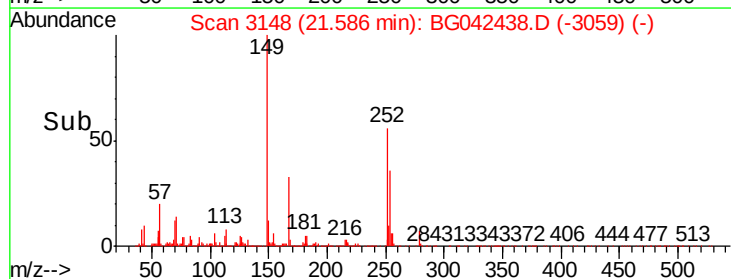
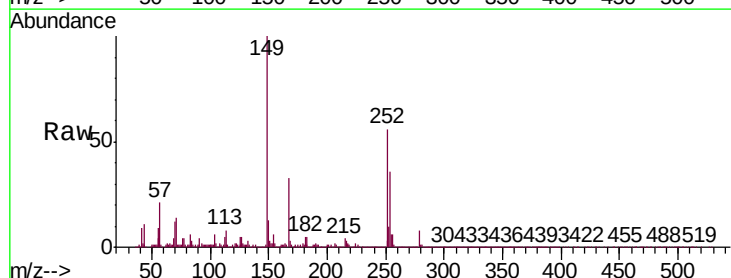
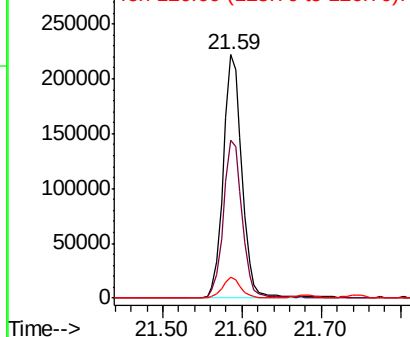
Tgt Ion:	252	Resp:	356501
Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.0	79.4
126	8.3	5.7	8.5

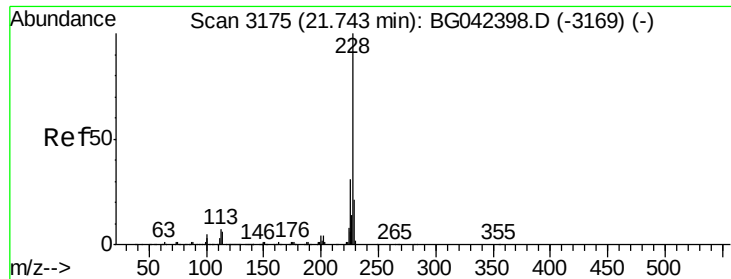
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





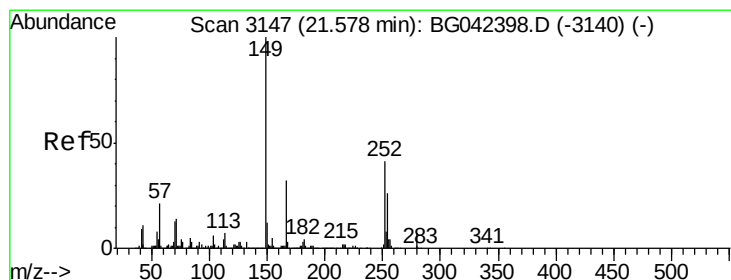
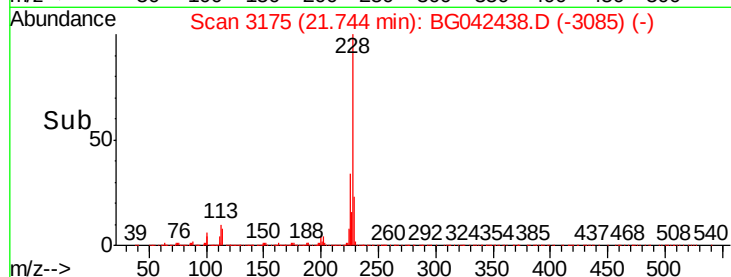
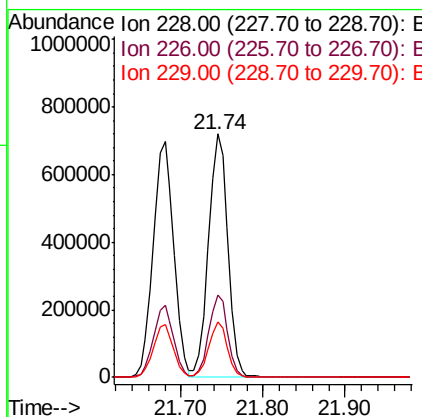
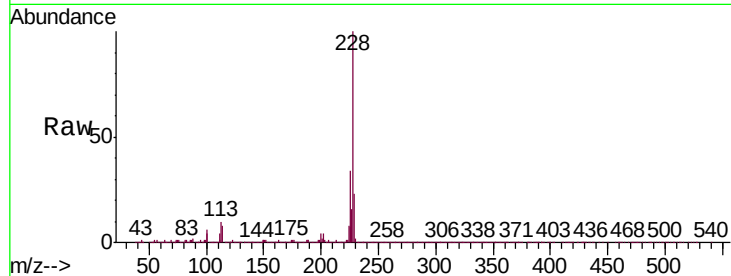
#83
 Chrysene
 Concen: 46.836 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.9	37.3
229	22.8	16.9	25.3

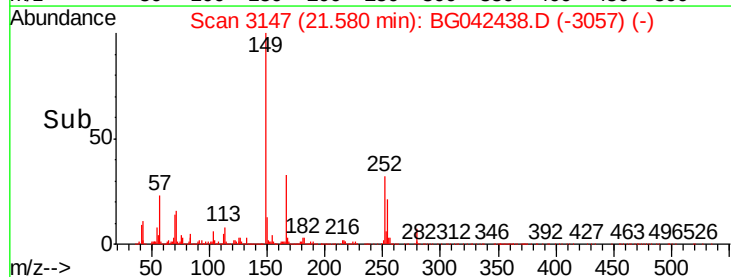
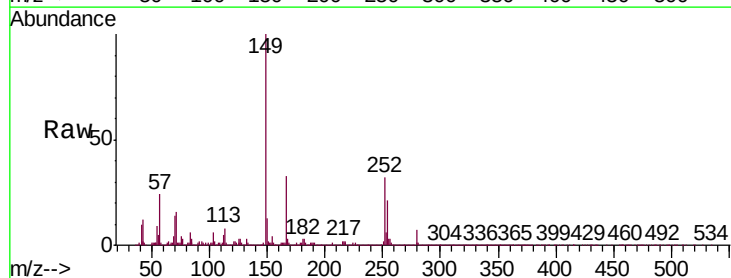
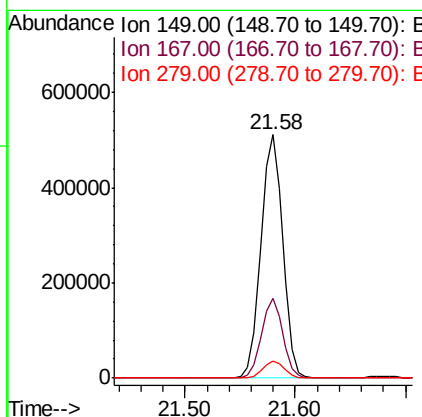
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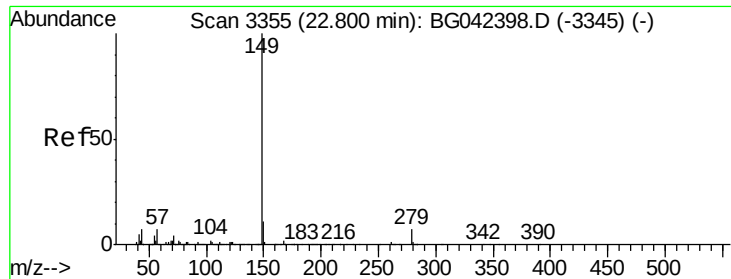
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.097 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG042438.D
 Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.6	26.0	39.0
279	6.8	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 49.439 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

ClientSampleId :

NB-08-082019MS

Tot Ion:149 Resp: 1221873

Ion Ratio Lower Upper

149 100

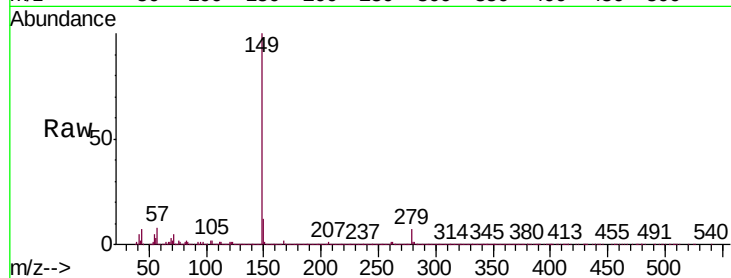
167 1.9 1.6 2.4

43 6.8 5.3 7.9

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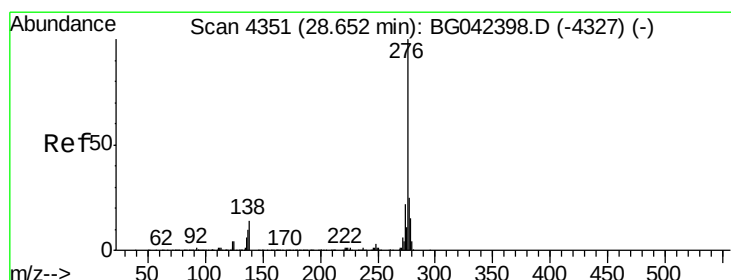
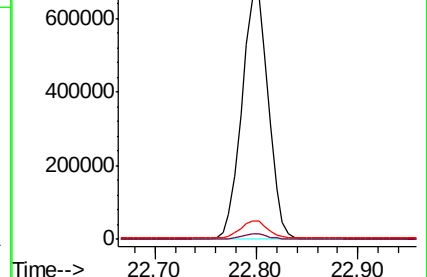
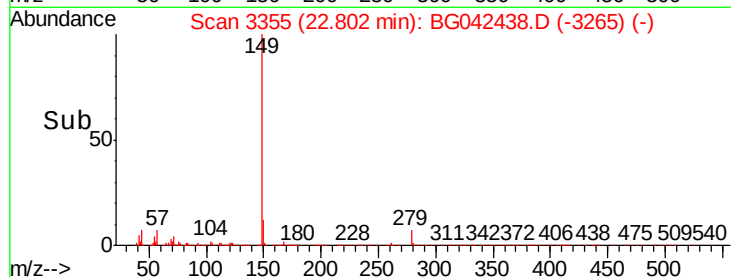
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.974 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

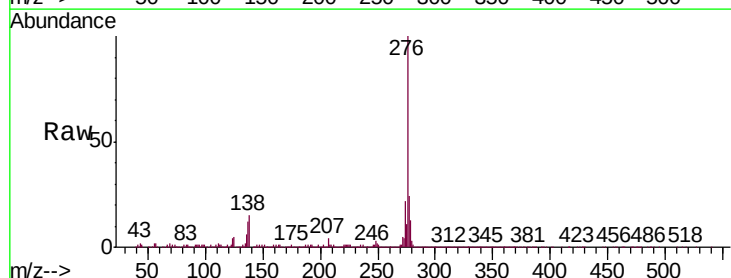
Tgt Ion:276 Resp: 1504697

Ion Ratio Lower Upper

276 100

138 11.8 9.2 13.8

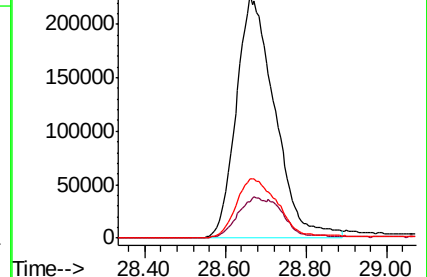
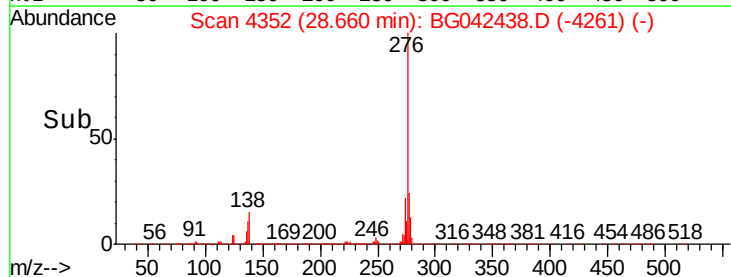
277 25.9 21.0 31.6

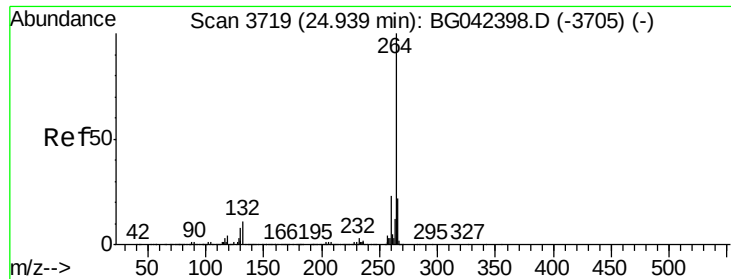


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

Instrument :

BNA_G

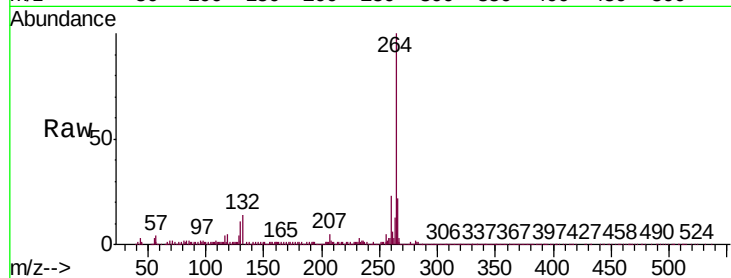
ClientSampleId :

NB-08-082019MS

Tot Ion:	264	Resp:	528887
Ion Ratio		Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.2	17.6	26.4

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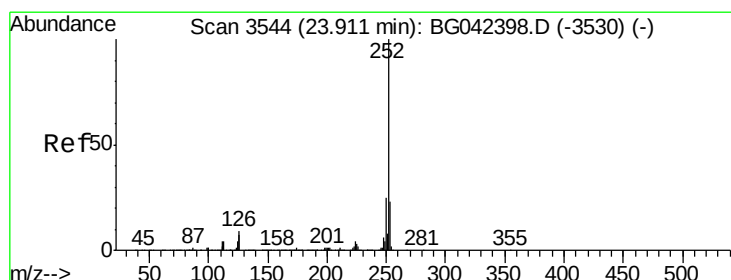
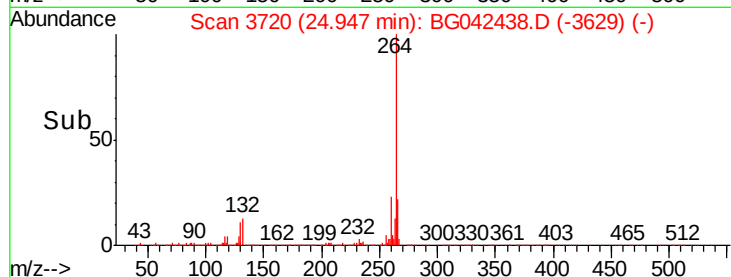
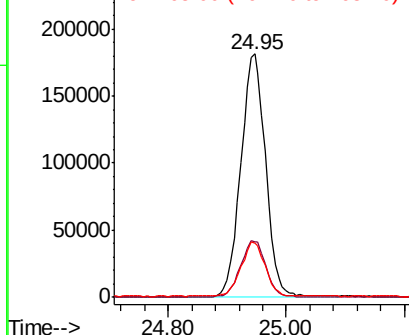


Abundance

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: 44.552 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG042438.D

Acq: 23 Aug 2019 18:08

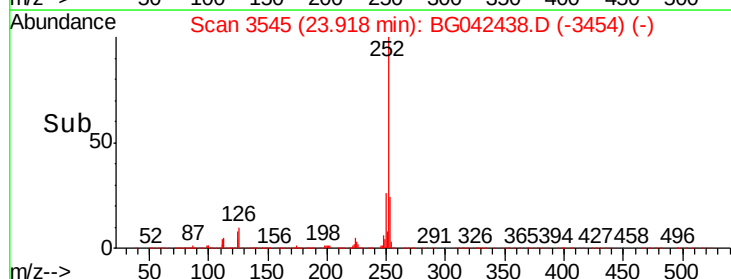
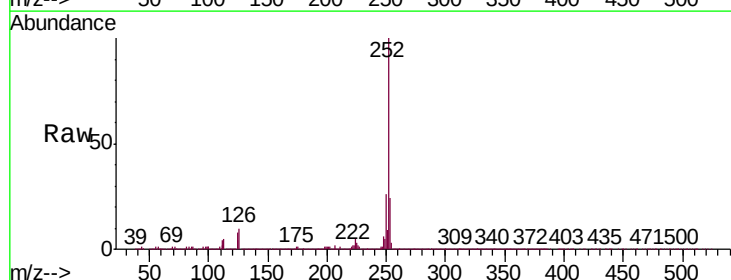
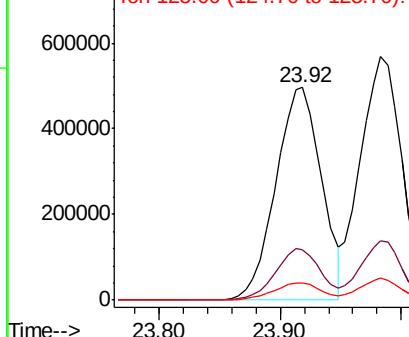
Tgt Ion:	252	Resp:	1295407
Ion Ratio		Lower	Upper
252	100		
253	23.9	18.6	27.8
125	8.1	5.6	8.4

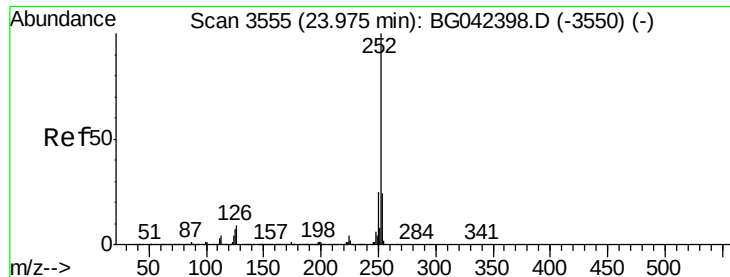
Abundance

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





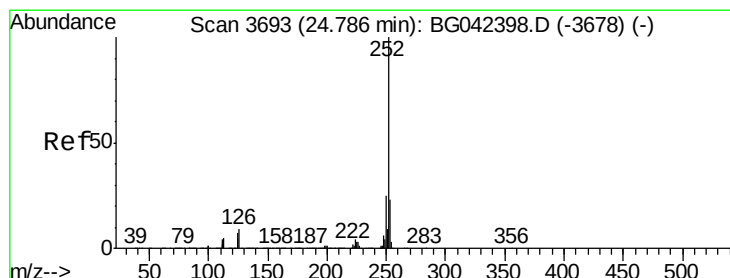
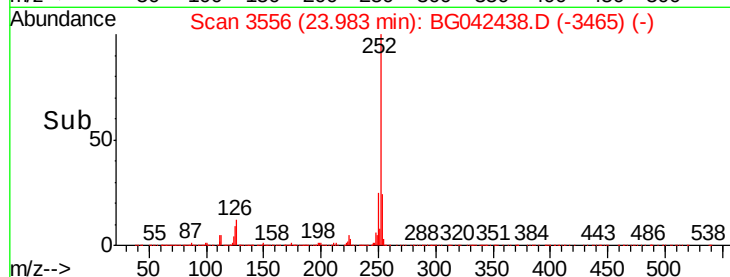
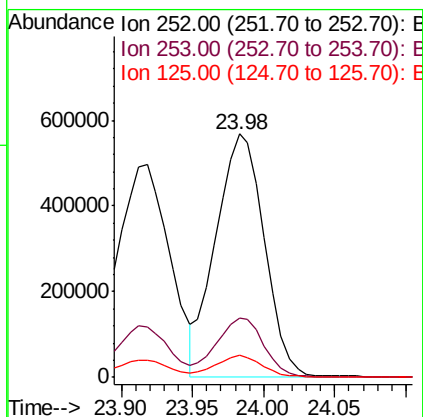
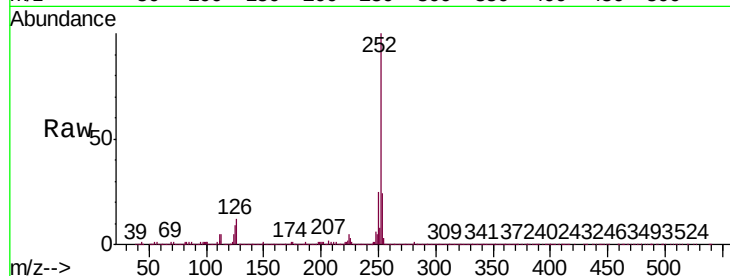
#89
Benzo(k)fluoranthene
Concen: 48.595 ng m
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.6	27.8
125	8.9	5.8	8.6#

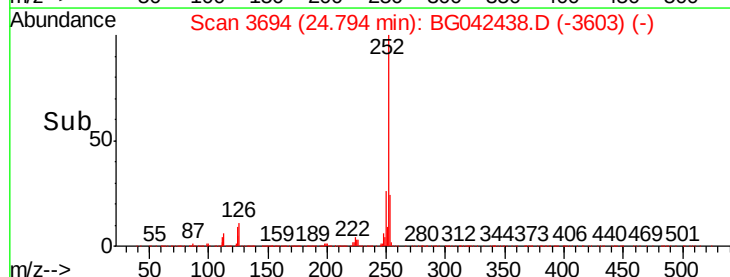
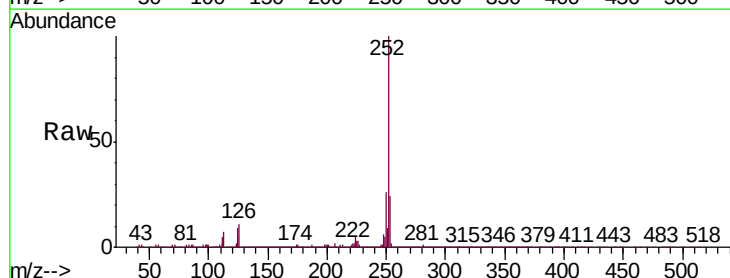
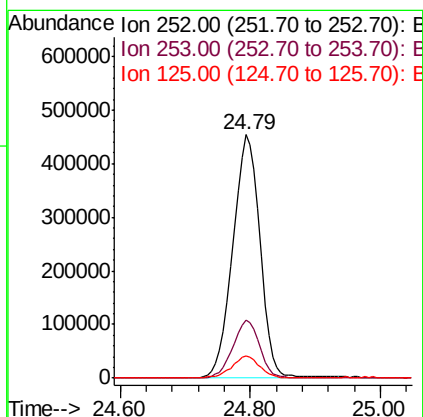
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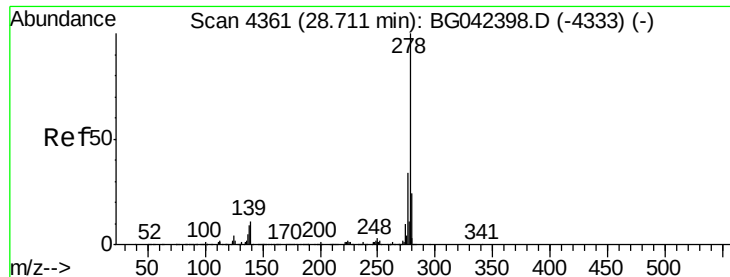
Jagrut
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#90
Benzo(a)pyrene
Concen: 47.455 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	8.9	6.0	9.0





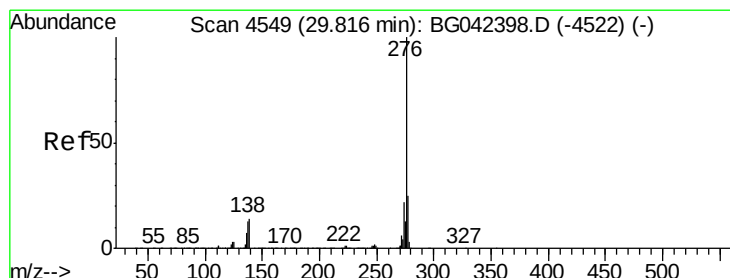
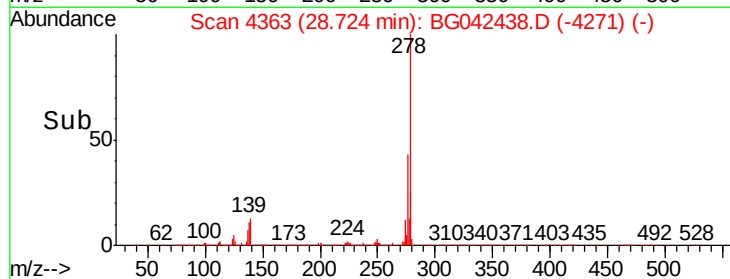
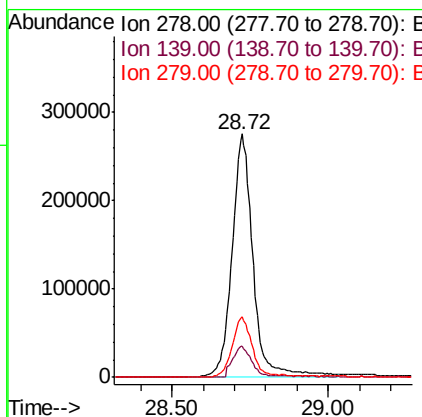
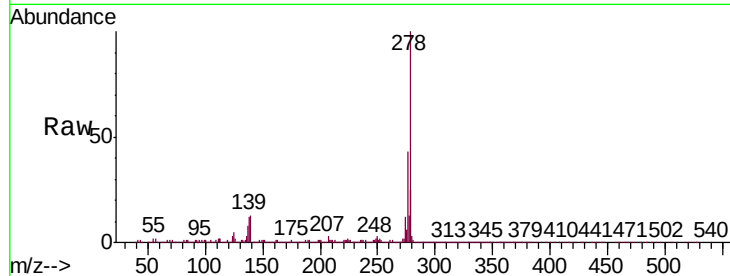
#91
Dibenzo(a,h)anthracene
Concen: 45.724 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Instrument :
BNA_G
ClientSampleId :
NB-08-082019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	8.8	13.2
279	24.7	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:01:58 PM



#92
Benzo(g,h,i)perylene
Concen: 41.493 ng
RT: 29.82 min Scan# 4550
Delta R.T. 0.01 min
Lab File: BG042438.D
Acq: 23 Aug 2019 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	17.0	11.4	17.0

