

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042503.D
 Acq On : 26 Aug 2019 17:48
 Operator : HP/JU
 Sample : K4477-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Manual Integrations
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JAGRUT
 8/27/2019 7:51:42 AM

Quant Time: Aug 27 02:27:28 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	8.00	152	34170	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	122375	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	81877	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	206860	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	283876	20.00	ng	0.00
87) Perylene-d12	24.93	264	346773	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	228389	135.37	ng	0.00
7) Phenol-d6	7.17	99	300735	131.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	169269	95.58	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	165740	142.42	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	438153	90.51	ng	0.00
79) Terphenyl-d14	20.02	244	1022494	77.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	28138	39.964	ng	98
3) Pyridine	3.82	79	67108	37.170	ng	99
4) n-Nitrosodimethylamine	3.74	42	26359	40.877	ng	94
6) Aniline	7.31	93	75387	24.801	ng	99
8) 2-Chlorophenol	7.57	128	84972	41.557	ng	99
9) Benzaldehyde	7.13	77	29553	25.902	ng	94
10) Phenol	7.19	94	98583	42.545	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	69915	38.419	ng	99
12) 1,3-Dichlorobenzene	7.89	146	101824	39.146	ng	100
13) 1,4-Dichlorobenzene	8.03	146	101941	38.691	ng	98
14) 1,2-Dichlorobenzene	8.35	146	97928	38.811	ng	98
15) Benzyl Alcohol	8.24	79	59899	36.533	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92923	37.674	ng	99
17) 2-Methylphenol	8.45	107	67085	39.307	ng	96
18) Hexachloroethane	9.09	117	34911	38.704	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	52879	35.815	ng	96
20) 3+4-Methylphenols	8.78	107	87780	37.169	ng	99
22) Acetophenone	8.82	105	115022	43.945	ng	# 96
24) Nitrobenzene	9.21	77	76801	42.827	ng	99
25) Isophorone	9.73	82	144892	41.458	ng	98
26) 2-Nitrophenol	9.92	139	48710	43.345	ng	97
27) 2,4-Dimethylphenol	9.99	122	75474	48.755	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	91969	41.752	ng	100
29) 2,4-Dichlorophenol	10.48	162	88384	43.639	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	103879	41.786	ng	98
31) Naphthalene	10.87	128	246496	43.385	ng	98
32) Benzoic acid	10.13	122	2755m	10.204	ng	
33) 4-Chloroaniline	10.98	127	65894	25.124	ng	97
34) Hexachlorobutadiene	11.16	225	68298	40.879	ng	99
35) Caprolactam	11.74	113	29326	43.394	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	78727	40.947	ng	100
37) 2-Methylnaphthalene	12.48	142	188348	41.286	ng	99
38) 1-Methylnaphthalene	12.70	142	179557	41.436	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	119284	45.366	ng	99

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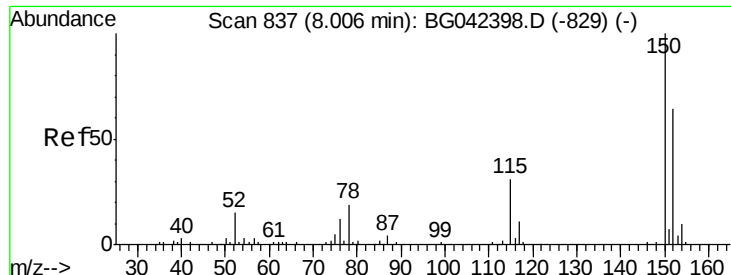
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	125340	90.749	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	77886	43.823	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	85125	46.219	nq	97
46) 1,1'-Biphenyl	13.49	154	236070	44.604	nq	100
47) 2-Chloronaphthalene	13.53	162	197295	43.232	nq	99
48) 2-Nitroaniline	13.74	65	45797	41.615	nq	97
49) Acenaphthylene	14.38	152	307317	44.761	nq	99
50) Dimethylphthalate	14.11	163	286171	48.440	nq	99
51) 2,6-Dinitrotoluene	14.22	165	59644	43.556	nq	99
52) Acenaphthene	14.72	154	178943	42.922	nq	99
53) 3-Nitroaniline	14.56	138	45193	33.000	nq	97
54) 2,4-Dinitrophenol	14.78	184	33795	40.007	nq	96
55) Dibenzofuran	15.06	168	306580	44.426	nq	99
56) 4-Nitrophenol	14.88	139	117562	120.808	nq	98
57) 2,4-Dinitrotoluene	15.02	165	89044	45.410	nq	96
58) Fluorene	15.71	166	248827	44.109	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	88802	48.756	nq	# 92
60) Diethylphthalate	15.47	149	255728	44.281	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	142068	41.778	nq	100
62) 4-Nitroaniline	15.73	138	69545	47.448	nq	99
63) Azobenzene	15.99	77	178750	45.170	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	45763	35.286	nq	97
66) n-Nitrosodiphenylamine	15.91	169	237273	41.709	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	100602	38.341	nq	98
68) Hexachlorobenzene	16.72	284	107649	37.740	nq	96
69) Atrazine	16.86	200	105278	52.332	nq	99
70) Pentachlorophenol	17.07	266	140053	94.500	nq	98
71) Phenanthrene	17.46	178	459331	44.703	nq	99
72) Anthracene	17.54	178	477955	46.595	nq	99
73) Carbazole	17.81	167	468752	51.274	nq	98
74) Di-n-butylphthalate	18.37	149	536754	49.669	nq	99
75) Fluoranthene	19.46	202	697762	55.643	nq	98
77) Benzidine	19.64	184	353826	43.474	nq	98
78) Pyrene	19.83	202	714178	41.035	nq	99
80) Butylbenzylphthalate	20.71	149	290510	42.438	nq	99
81) Benzo(a)anthracene	21.67	228	750712	43.472	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	189885	27.341	nq	100
83) Chrysene	21.73	228	732979	44.012	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	421366	44.333	nq	97
85) Di-n-octyl phthalate	22.79	149	752532	46.035	nq	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	989630	43.726	nq	# 94
88) Benzo(b)fluoranthene	23.90	252	855919	44.896	nq	100
89) Benzo(k)fluoranthene	23.97	252	810369	44.222	nq	99
90) Benzo(a)pyrene	24.78	252	832965	46.045	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	821424	44.846	nq	99
92) Benzo(g,h,i)perylene	29.79	276	831793	45.405	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

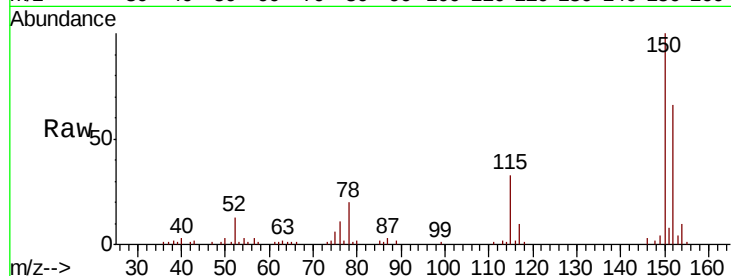
ClientSampleId :

TP-1(1-3)MS

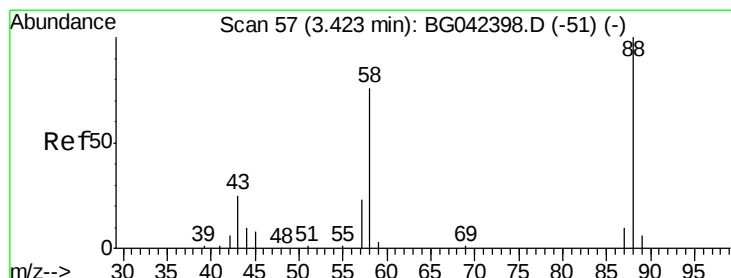
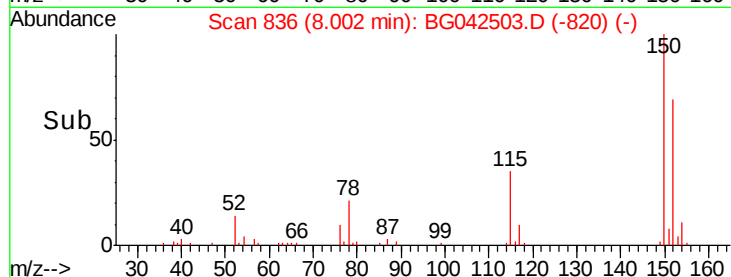
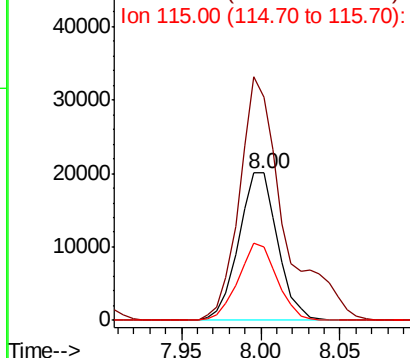
Tot Ion:	152	Resp:	34170
Ion Ratio	Lower	Upper	
152	100		
150	151.3	125.4	188.0
115	49.9	38.5	57.7

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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



#2

1,4-Dioxane

Concen: 39.964 ng

RT: 3.41 min Scan# 55

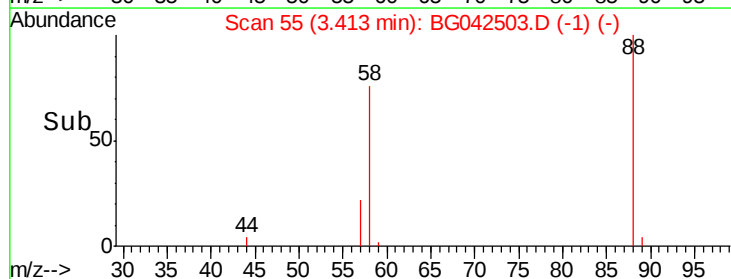
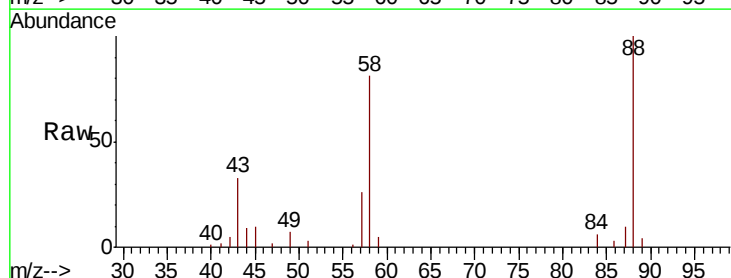
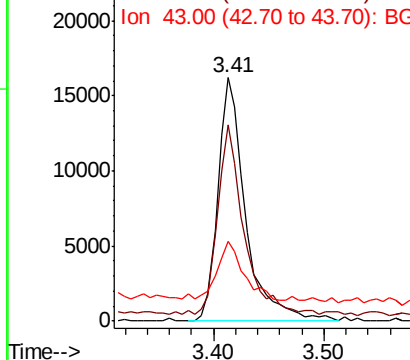
Delta R.T. -0.01 min

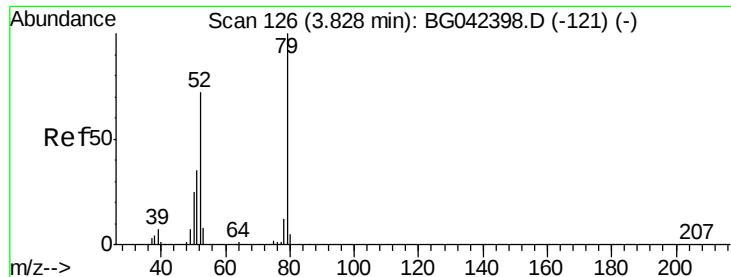
Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	88	Resp:	28138
Ion Ratio	Lower	Upper	
88	100		
58	74.5	58.3	87.5
43	23.7	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





#3

Pvridine

Concen: 37.170 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

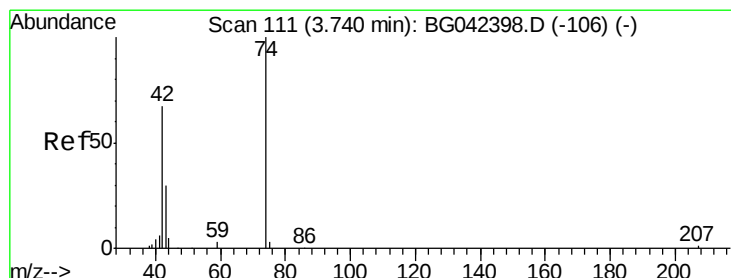
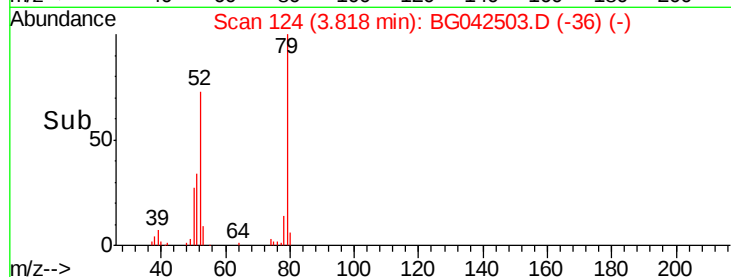
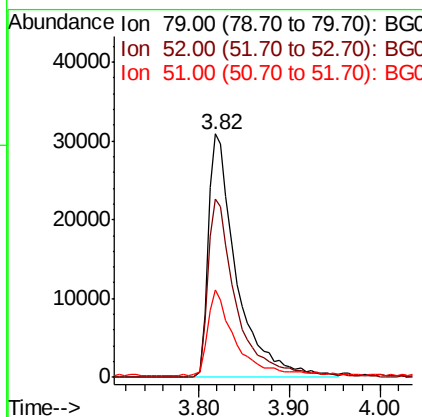
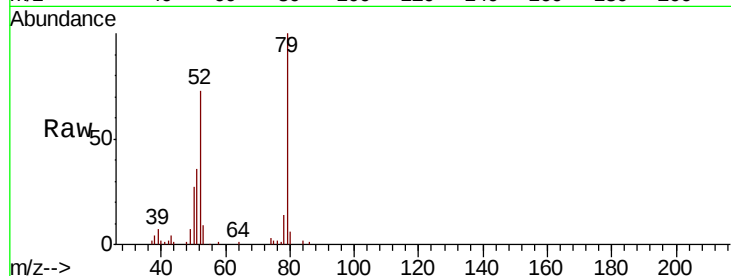
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	79	Resp:	67108
Ion	Ratio	Lower	Upper
79	100		
52	73.5	57.7	86.5
51	35.7	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 40.877 ng

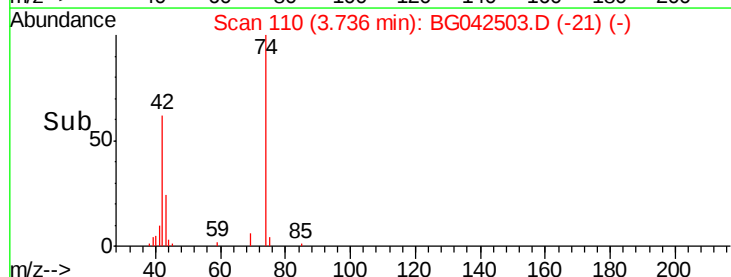
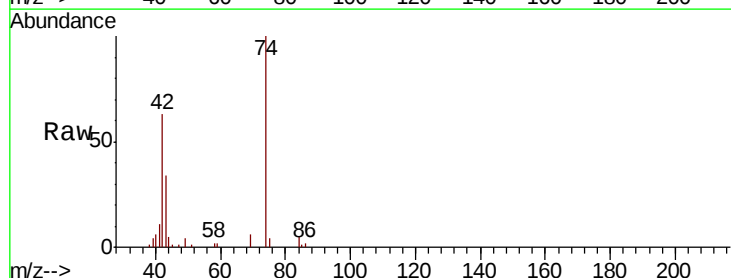
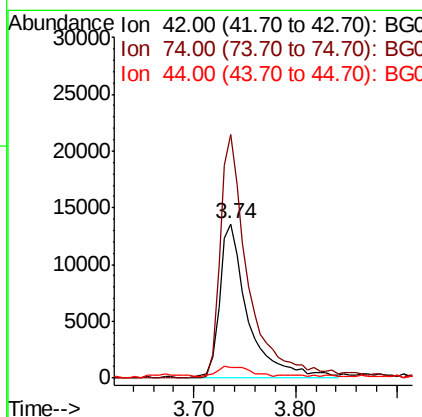
RT: 3.74 min Scan# 110

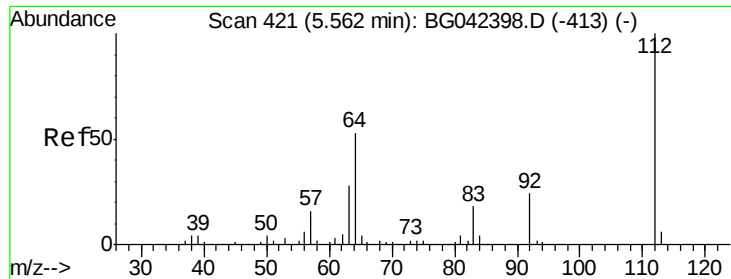
Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	42	Resp:	26359
Ion	Ratio	Lower	Upper
42	100		
74	157.5	119.6	179.4
44	7.2	6.5	9.7





#5

2-Fluorophenol

Concen: 135.369 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

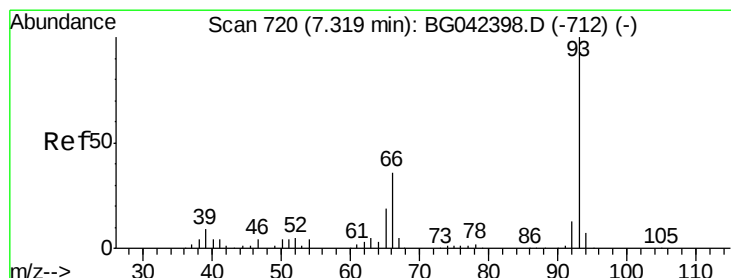
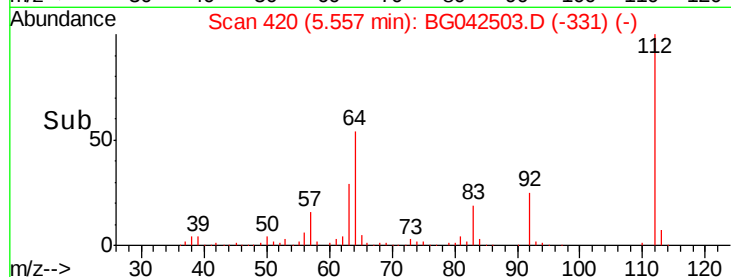
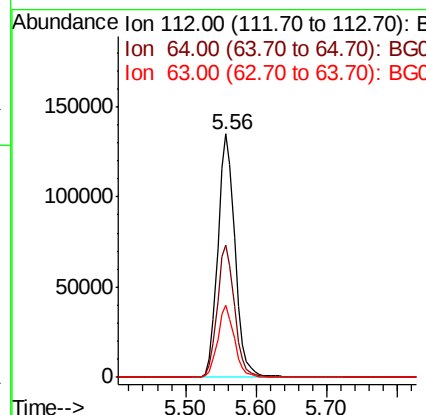
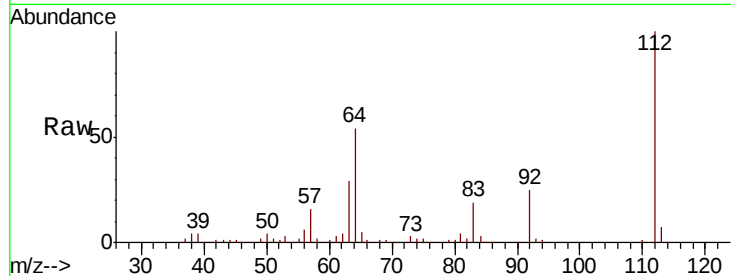
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	112	Resp:	228389
Ion Ratio	Lower	Upper	
112	100		
64	54.1	42.8	64.2
63	29.5	22.7	34.1

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#6

Aniline

Concen: 24.801 ng

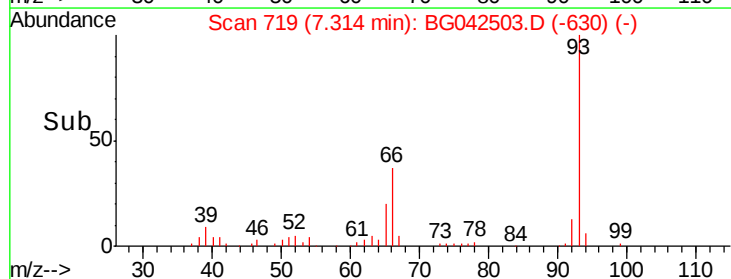
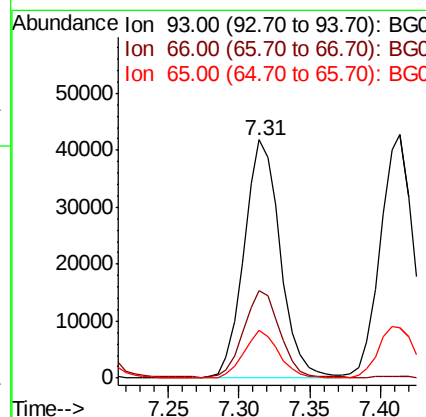
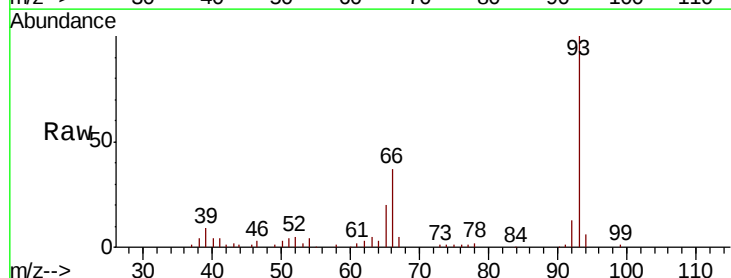
RT: 7.31 min Scan# 719

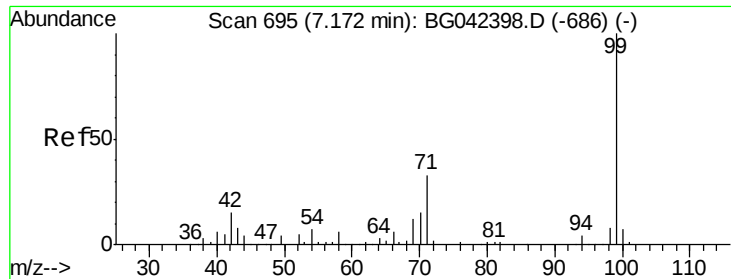
Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	93	Resp:	75387
Ion Ratio	Lower	Upper	
93	100		
66	36.7	29.0	43.6
65	19.9	15.2	22.8





#7

Phenol-d6

Concen: 131.960 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

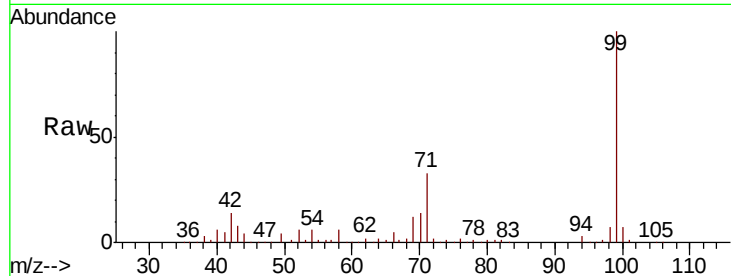
ClientSampleId :

TP-1(1-3)MS

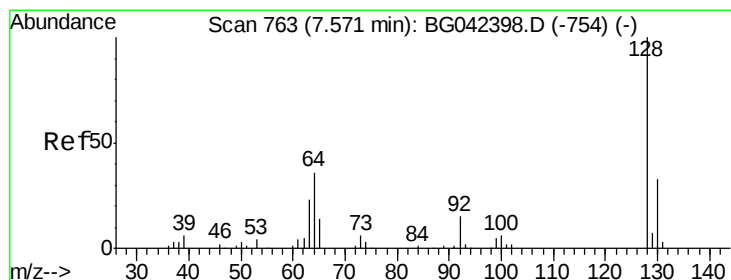
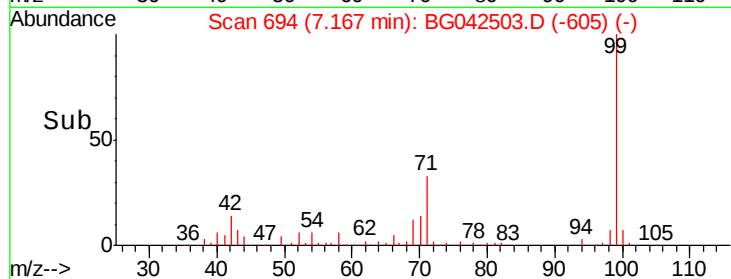
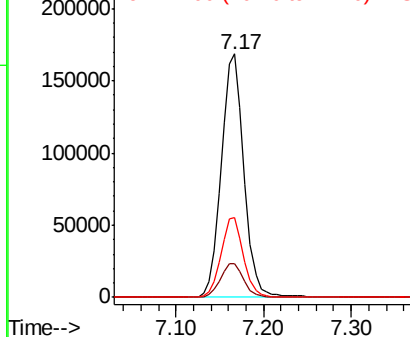
Tot Ion:	99	Resp:	300735
Ion Ratio	Lower	Upper	
99	100		
42	14.1	12.0	18.0
71	32.8	26.3	39.5

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.557 ng

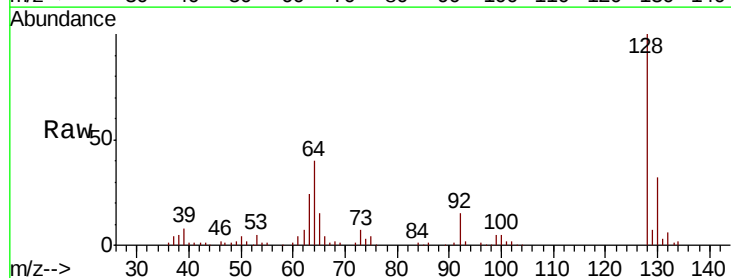
RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

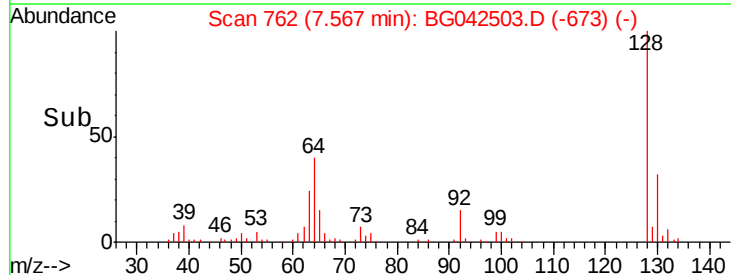
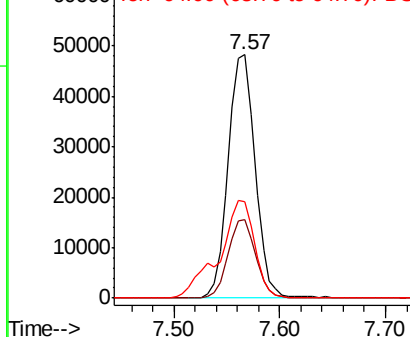
Lab File: BG042503.D

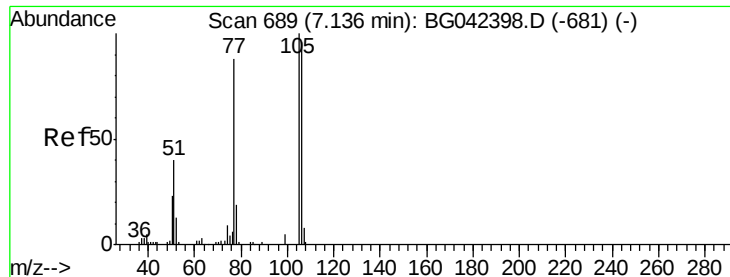
Acq: 26 Aug 2019 17:48

Tgt Ion:	128	Resp:	84972
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.8	52.8
64	39.8	19.2	59.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.902 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

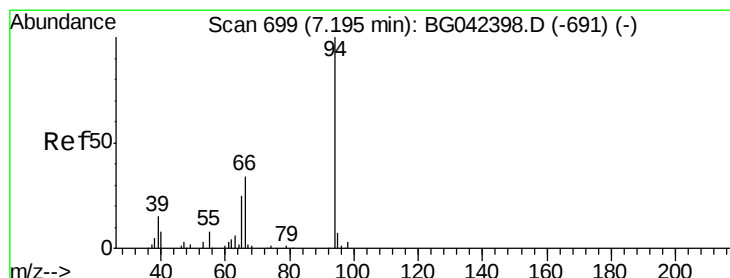
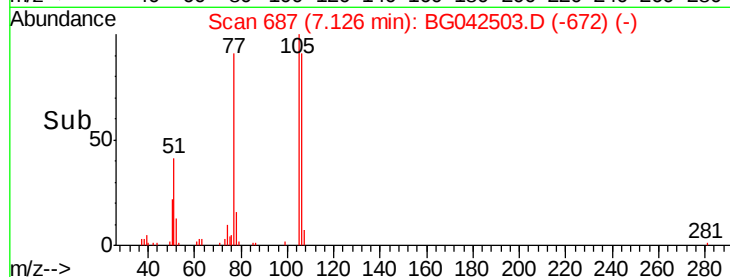
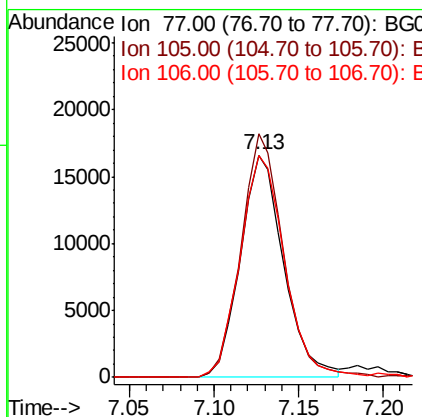
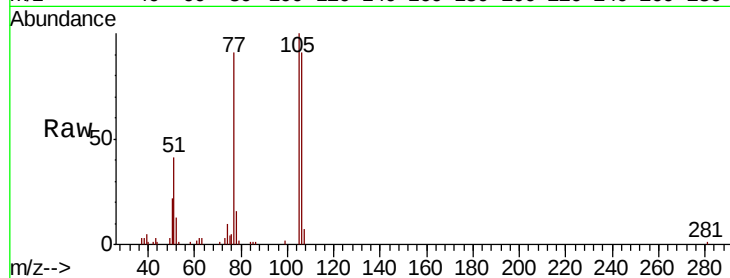
ClientSampleId :

TP-1(1-3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	109.4	93.4	133.4		
106	99.8	88.4	128.4		

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#10

Phenol

Concen: 42.545 ng

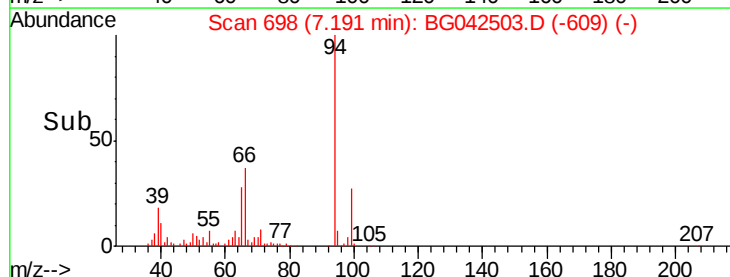
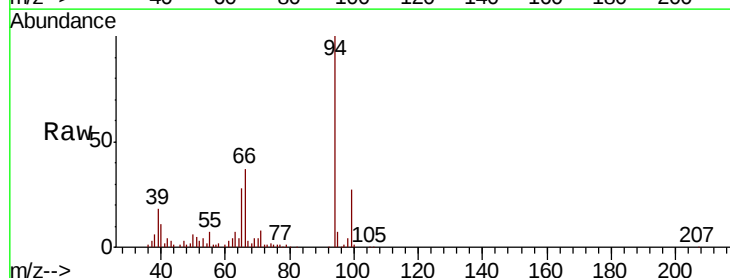
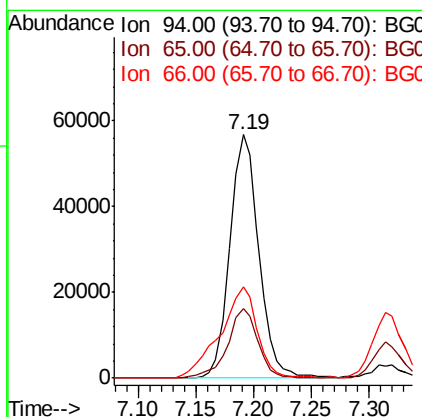
RT: 7.19 min Scan# 698

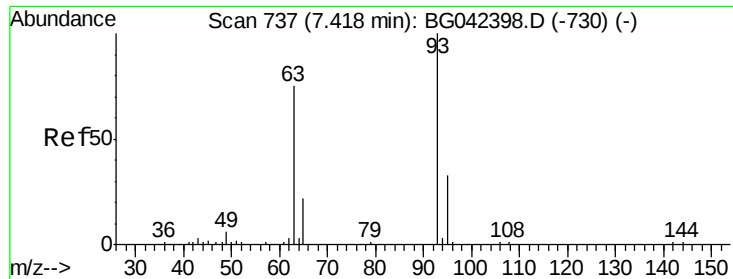
Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.5	5.6	45.6		
66	37.4	16.0	56.0		





#11

bis(2-Chloroethyl)ether

Concen: 38.419 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

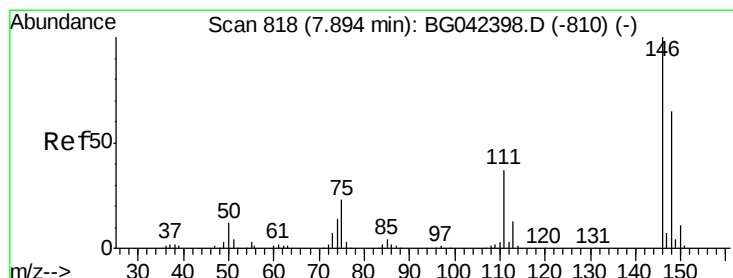
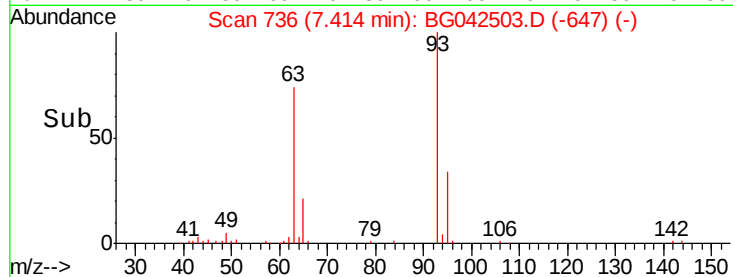
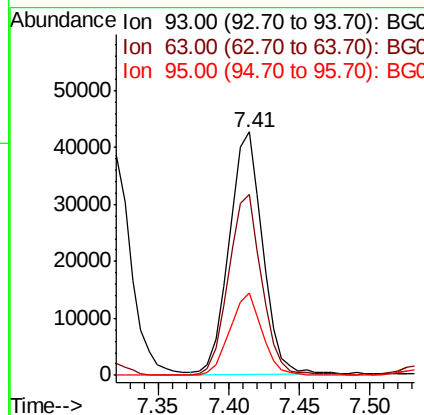
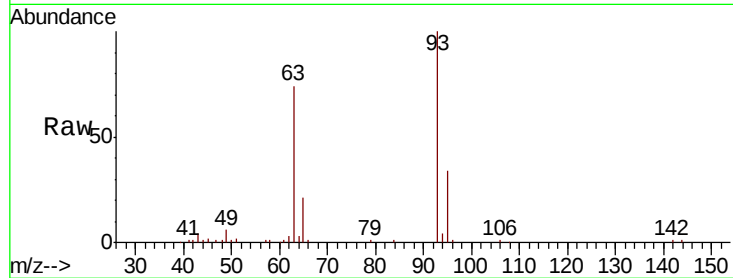
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	93	Resp:	69915
Ion Ratio	Lower	Upper	
93	100		
63	74.5	53.8	93.8
95	33.6	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 39.146 ng

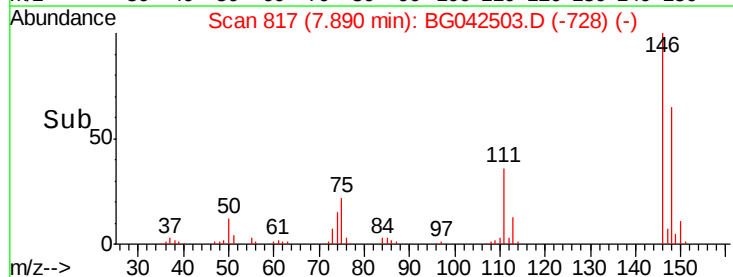
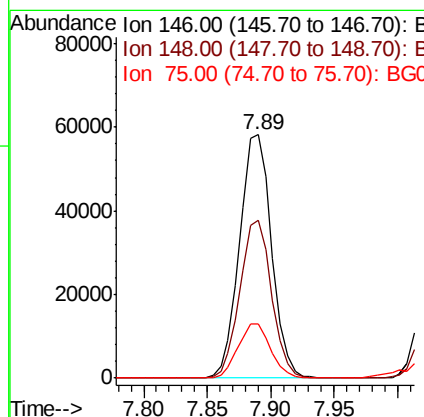
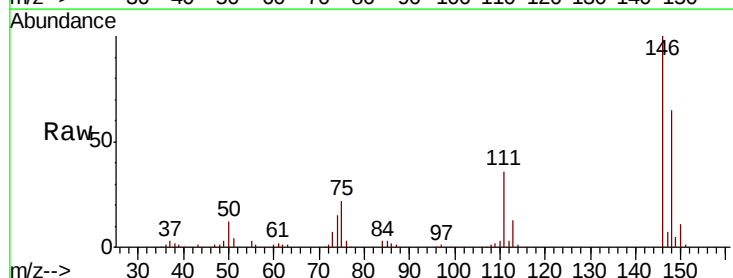
RT: 7.89 min Scan# 817

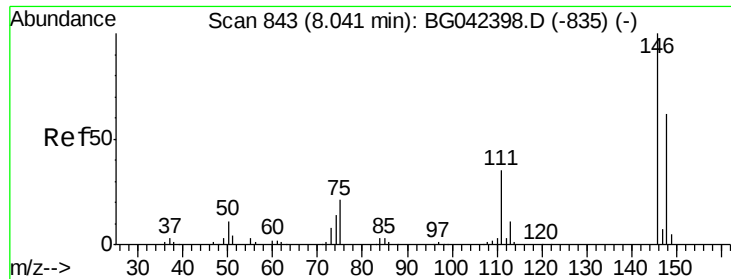
Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	146	Resp:	101824
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.2	78.2
75	22.4	18.0	27.0





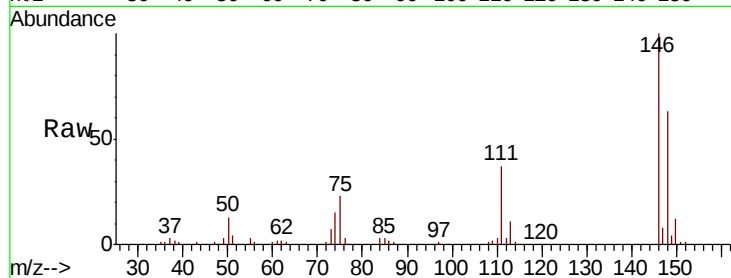
#13
 1,4-Dichlorobenzene
 Concen: 38.691 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.5	74.3
111	36.7	28.1	42.1

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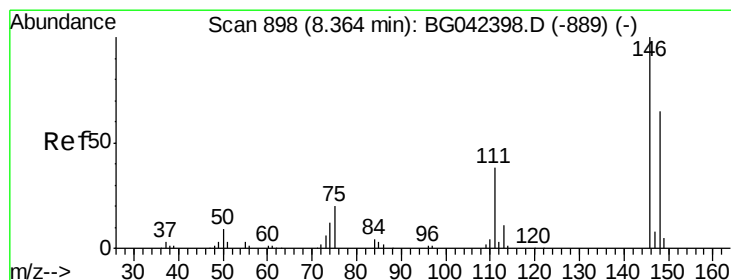
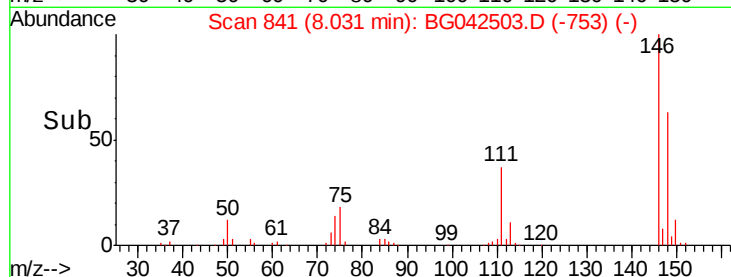
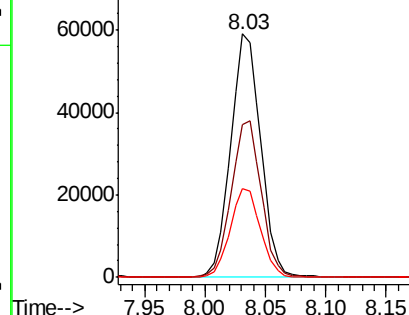


Abundance

Ion 146.00 (145.70 to 146.70): E

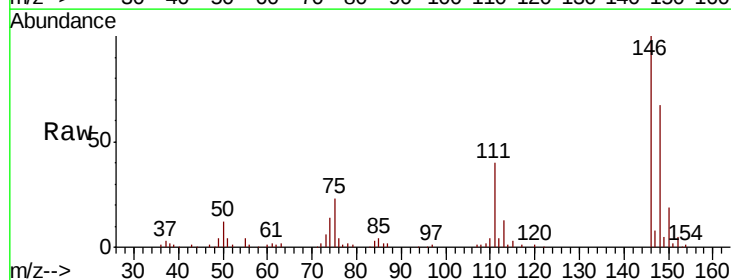
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.811 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.6
111	39.5	30.9	46.3

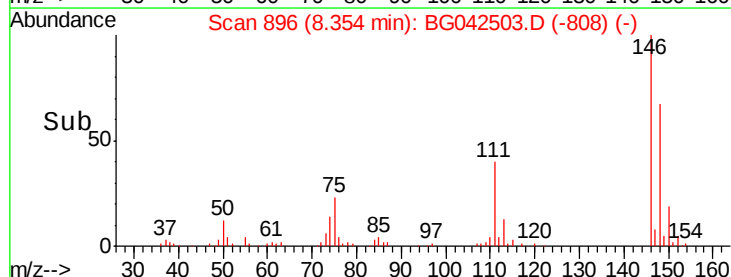
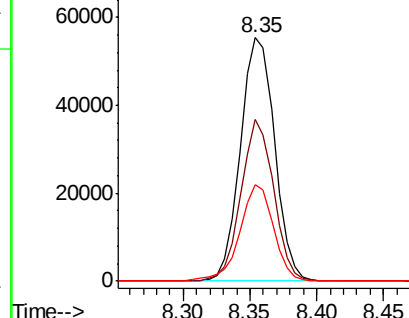


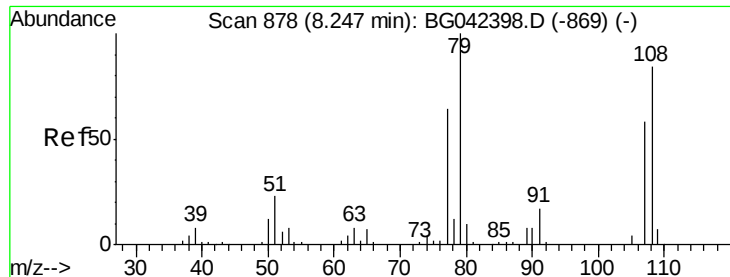
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.533 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

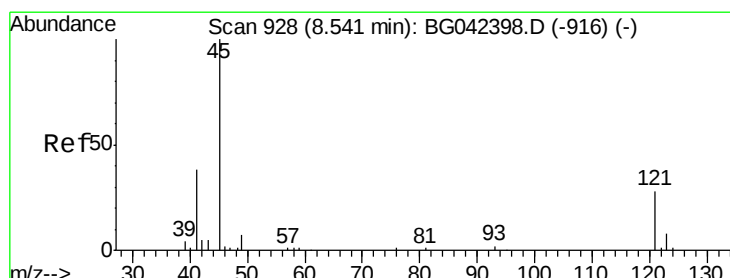
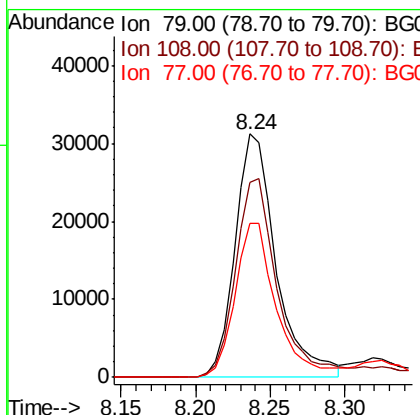
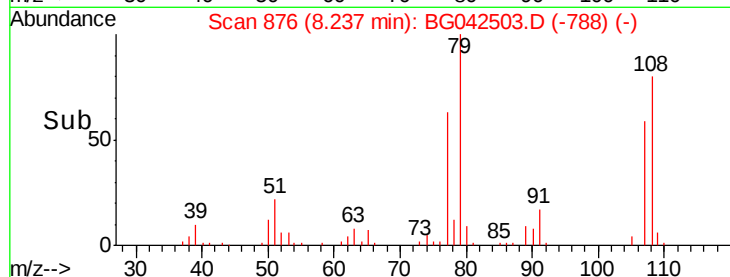
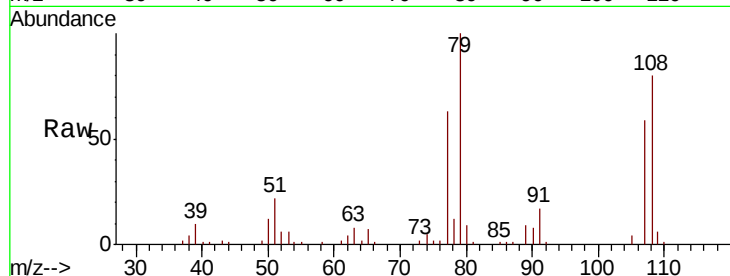
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	79	Resp:	59899
Ion	Ratio	Lower	Upper
79	100		
108	80.2	67.4	101.2
77	63.1	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.674 ng

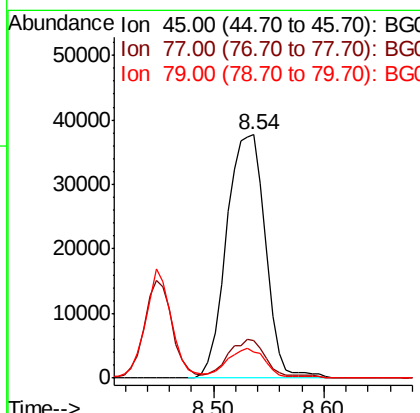
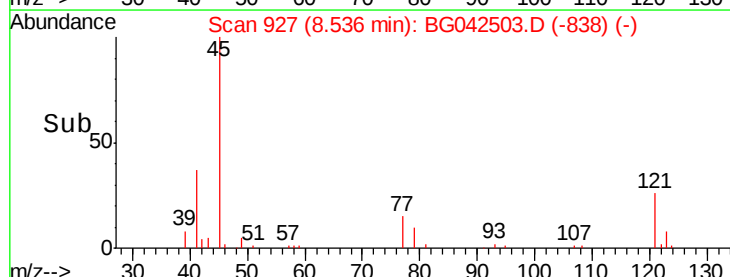
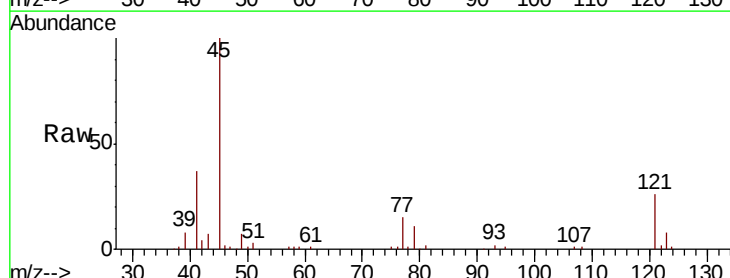
RT: 8.54 min Scan# 927

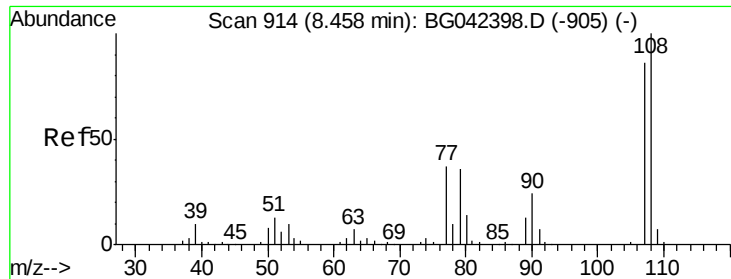
Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	45	Resp:	92923
Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	35.6
79	10.7	0.0	31.6





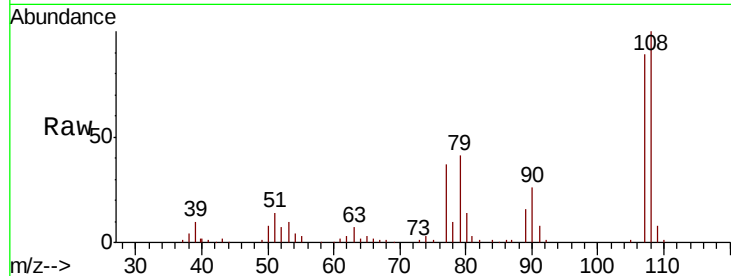
#17
2-Methylphenol
Concen: 39.307 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion:	107	Resp:	67085
Ion Ratio	Lower	Upper	
107	100		
108	111.9	92.9	139.3
77	41.0	34.4	51.6
79	45.9	33.8	50.6

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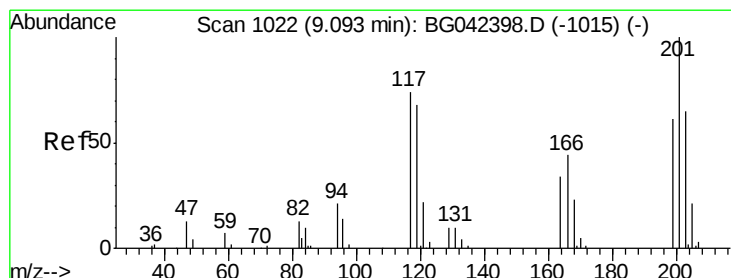
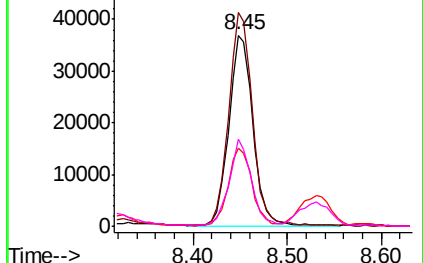
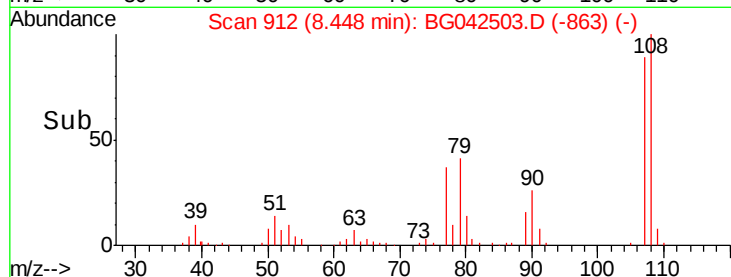
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

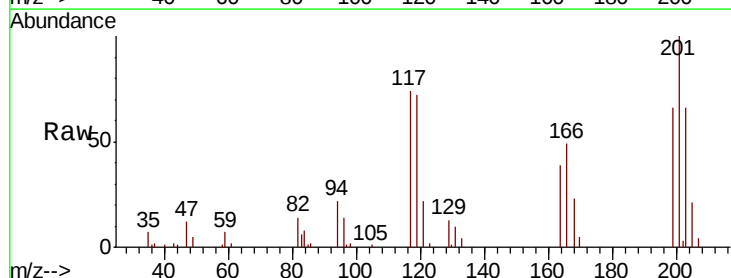
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.704 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:	117	Resp:	34911
Ion Ratio	Lower	Upper	
117	100		
119	97.0	73.8	110.8
201	134.9	108.3	162.5

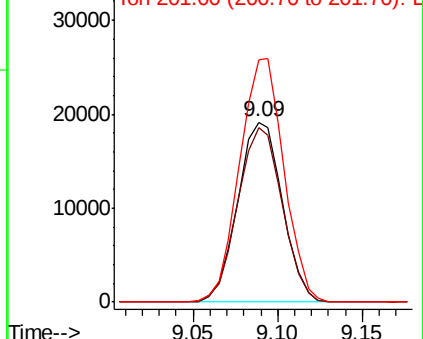
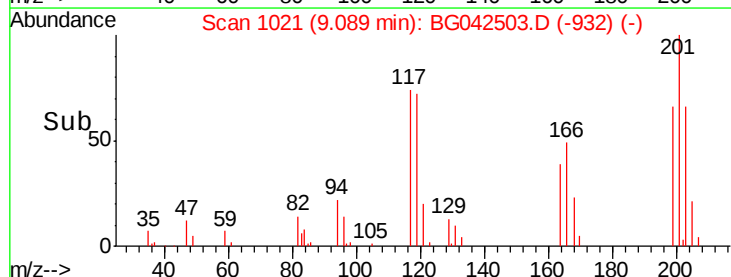


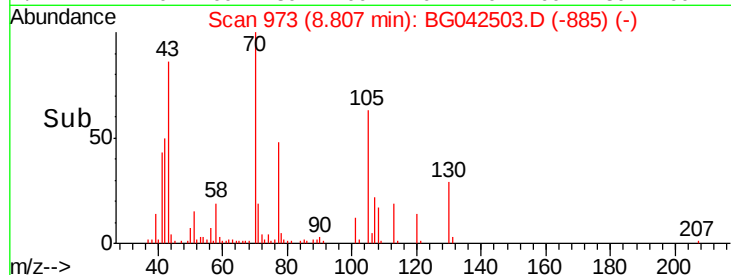
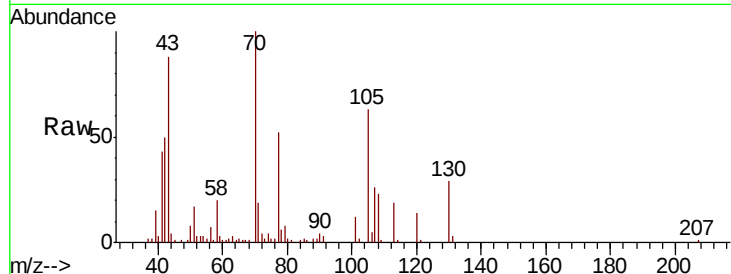
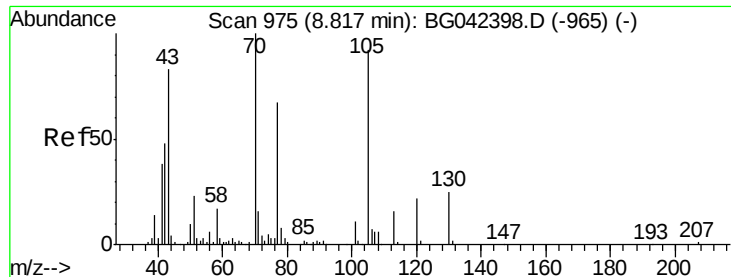
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





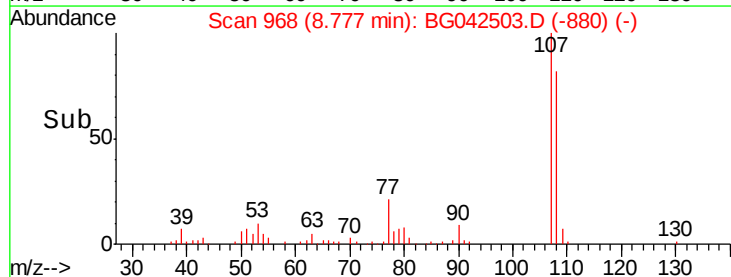
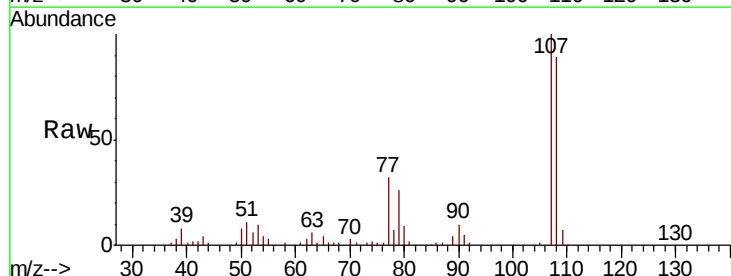
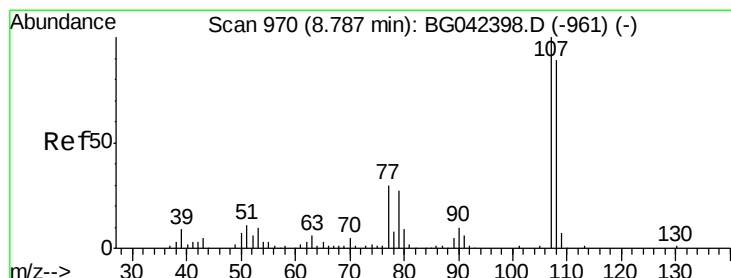
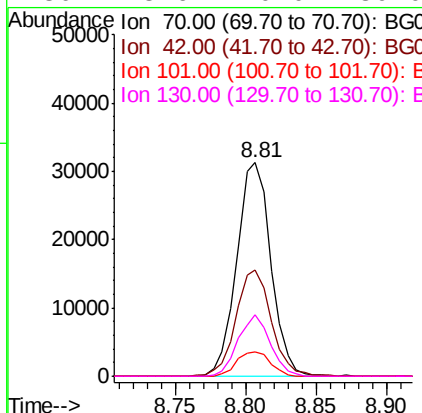
#19
n-Nitroso-di-n-propylamine
Concen: 35.815 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.0	38.8	58.2
101	11.7	9.0	13.6
130	28.6	20.0	30.0

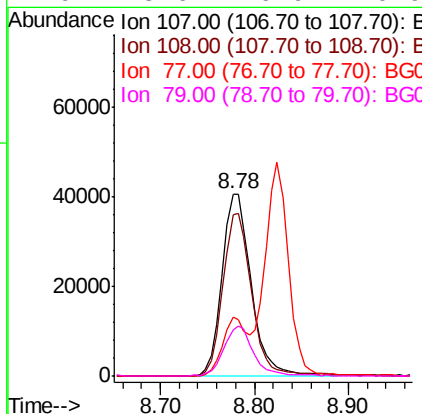
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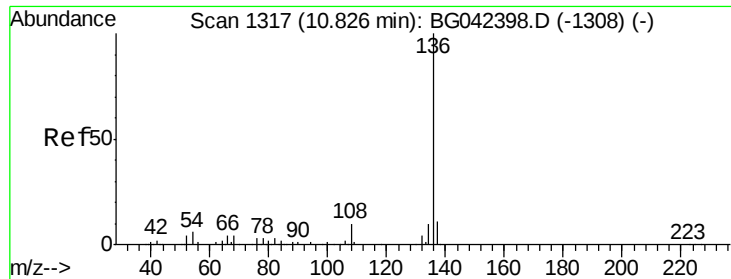
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#20
3+4-Methylphenols
Concen: 37.169 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.7	108.7
77	32.2	10.2	50.2
79	25.6	6.9	46.9





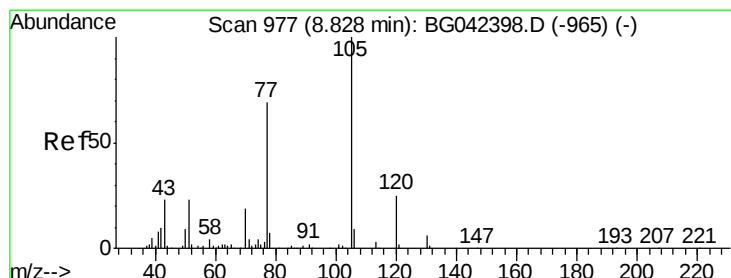
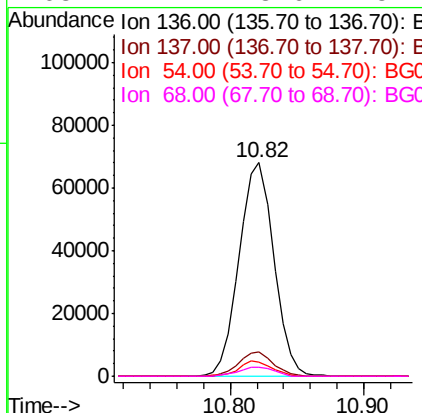
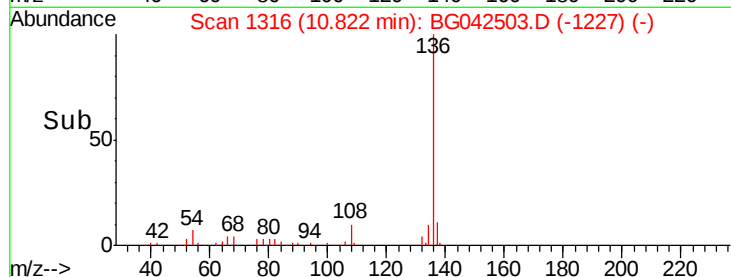
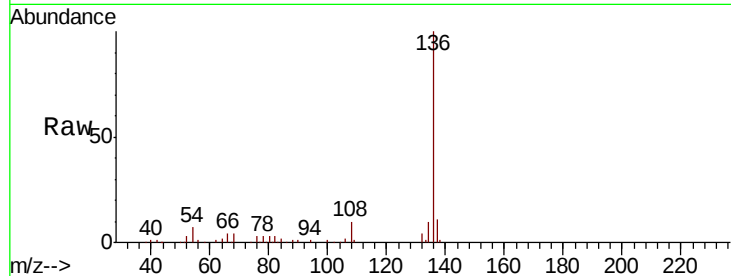
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	122375		
137	11.2	8.7	13.1	
54	6.9	4.9	7.3	
68	4.4	3.6	5.4	

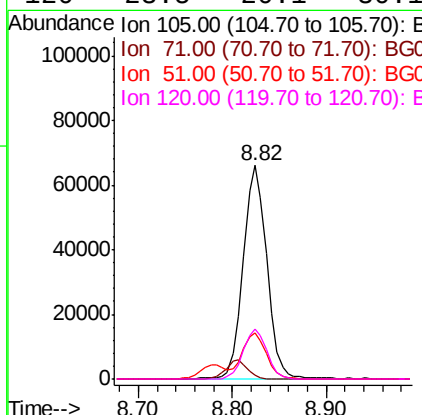
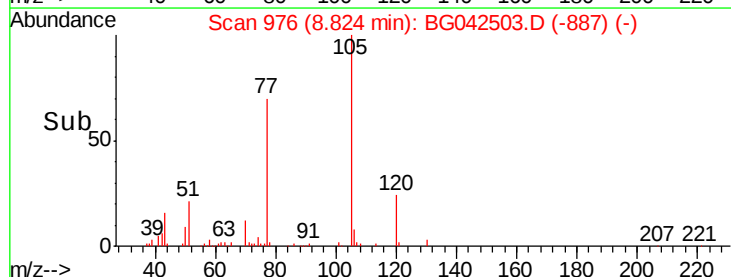
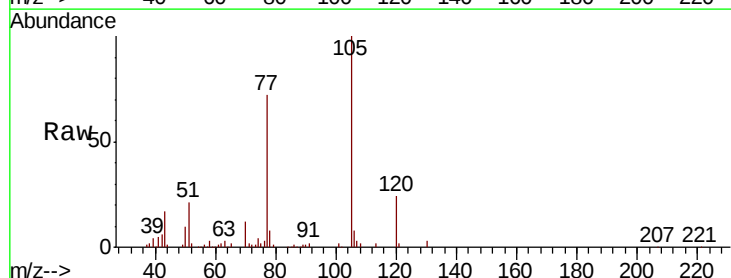
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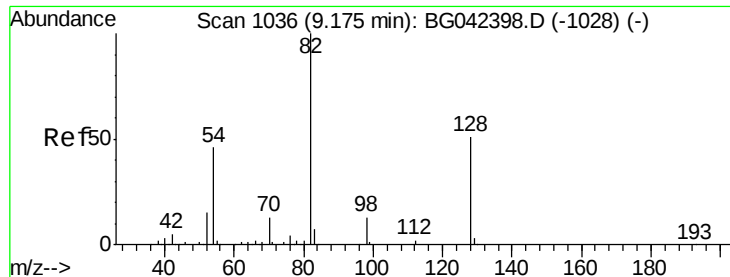
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#22
Acetophenone
Concen: 43.945 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	115022		
71	1.7	2.8	4.2#	
51	21.5	18.7	28.1	
120	23.5	20.1	30.1	





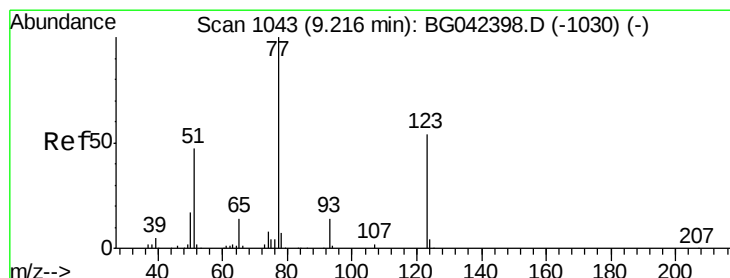
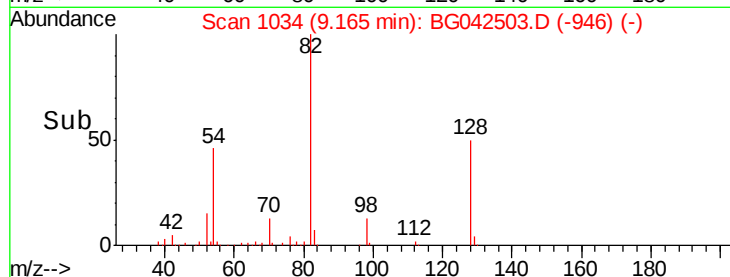
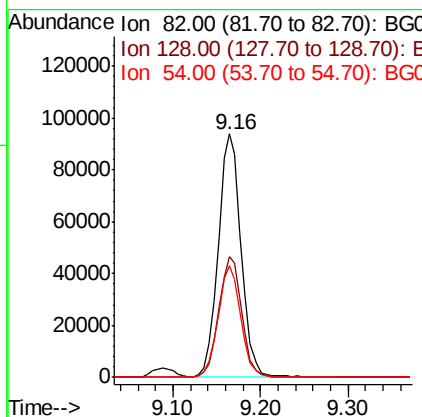
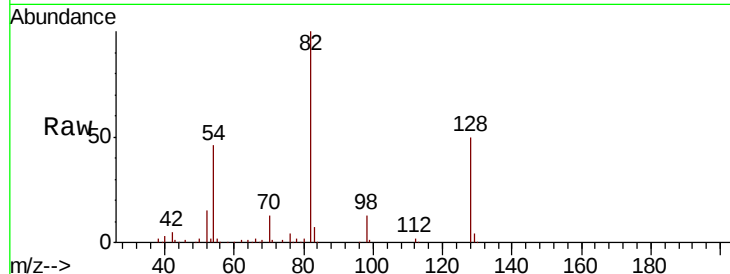
#23
 Nitrobenzene-d5
 Concen: 95.585 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	82	Resp	169269
Ion Ratio	Lower	Upper	
82	100		
128	49.6	40.7	61.1
54	46.2	36.3	54.5

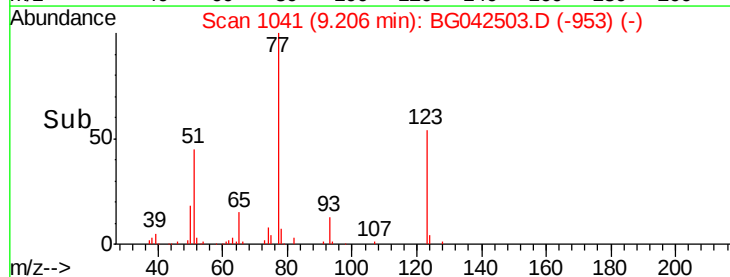
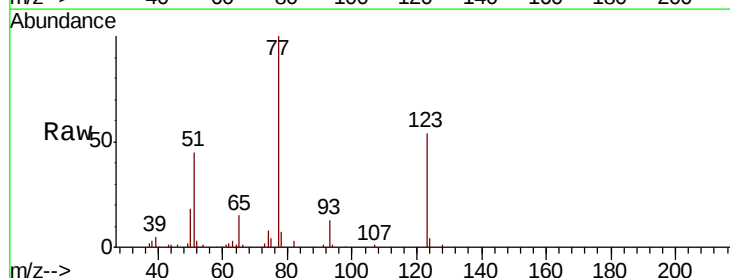
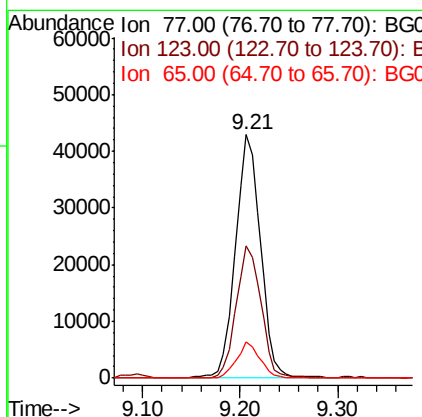
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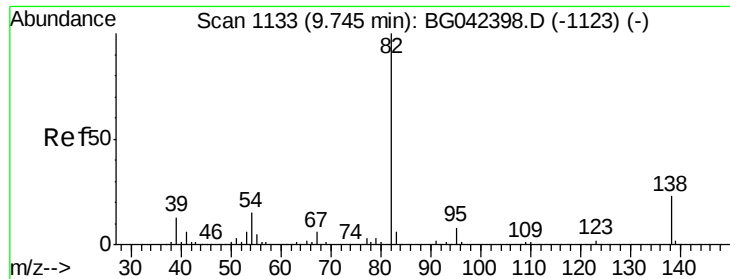
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#24
 Nitrobenzene
 Concen: 42.827 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	77	Resp	76801
Ion Ratio	Lower	Upper	
77	100		
123	54.3	43.4	65.0
65	14.7	11.0	16.6





#25

Isophorone

Concen: 41.458 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

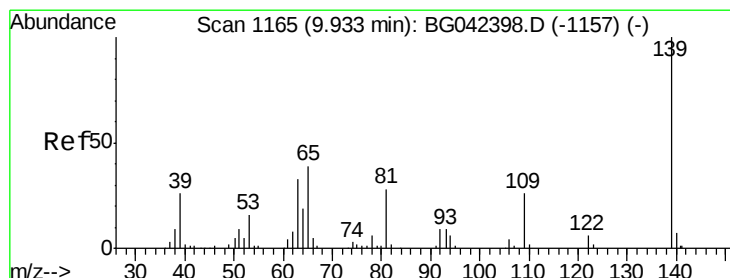
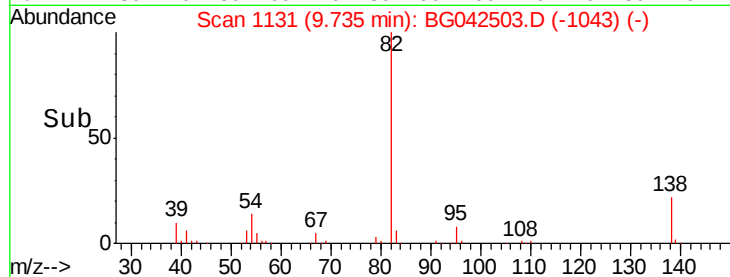
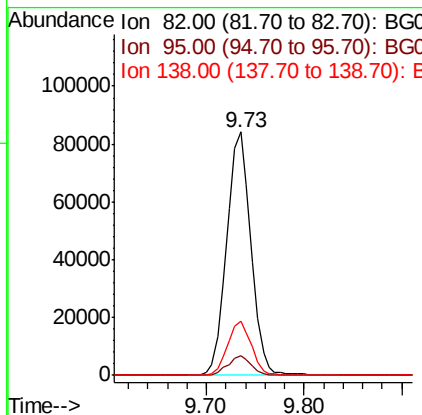
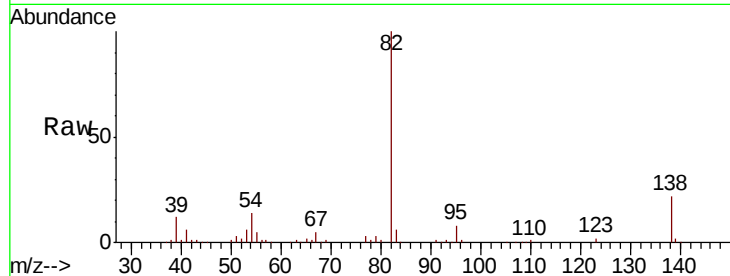
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	82	Resp:	144892
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	9.8
138	22.0	18.6	27.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.345 ng

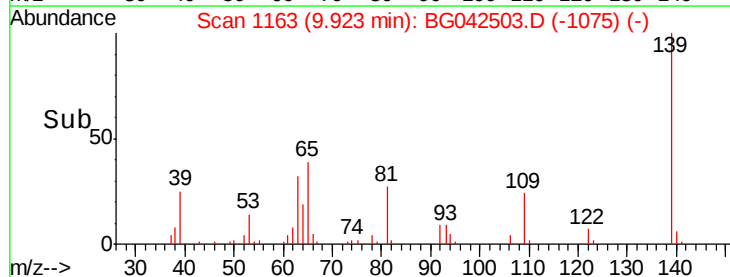
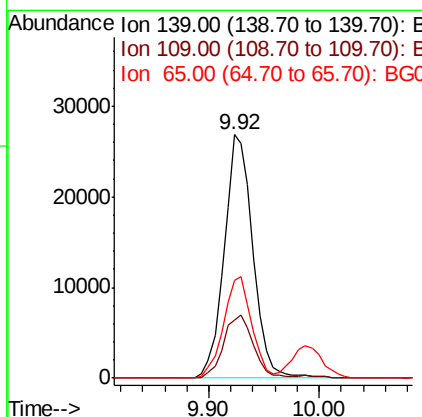
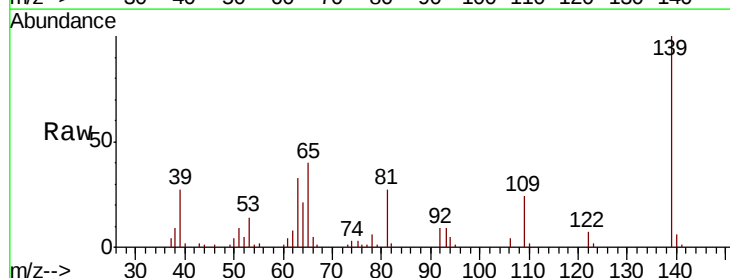
RT: 9.92 min Scan# 1163

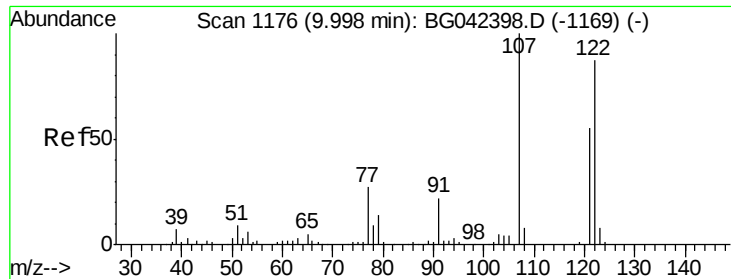
Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	139	Resp:	48710
Ion Ratio	Lower	Upper	
139	100		
109	23.9	20.5	30.7
65	40.2	30.9	46.3





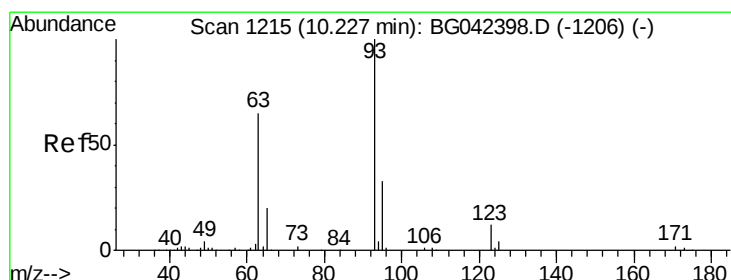
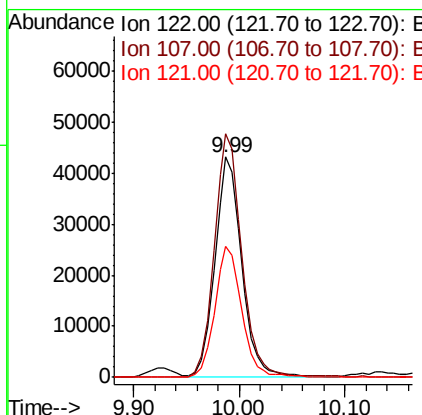
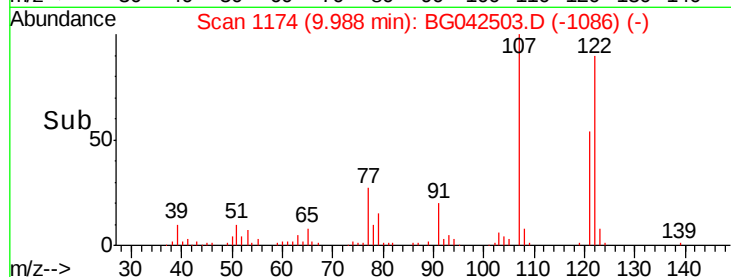
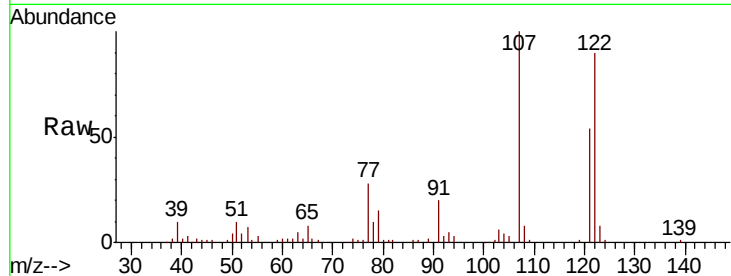
#27
 2,4-Dimethylphenol
 Concen: 48.755 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	90.8	136.2
121	59.3	49.6	74.4

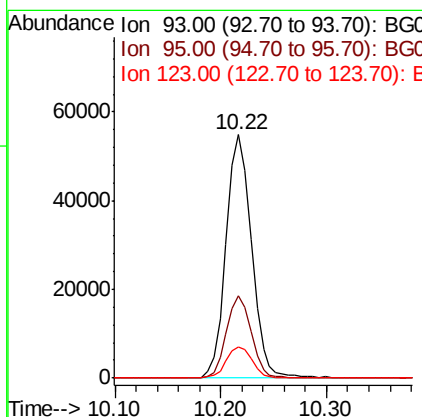
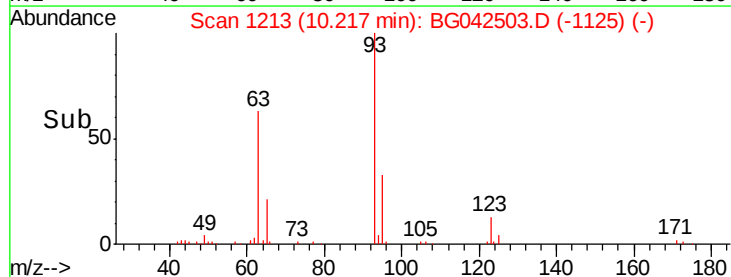
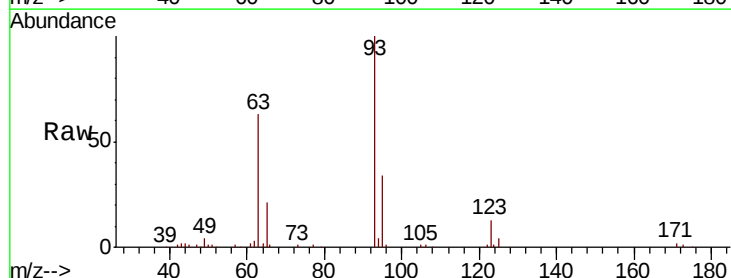
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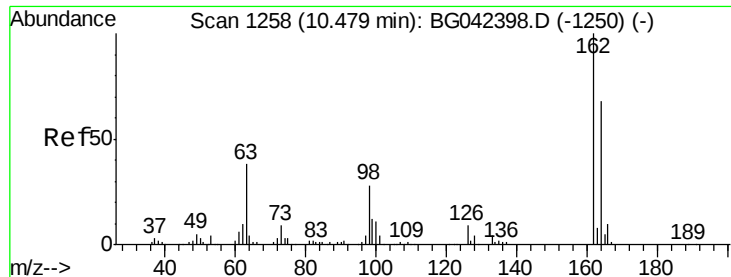
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.752 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	12.6	10.1	15.1





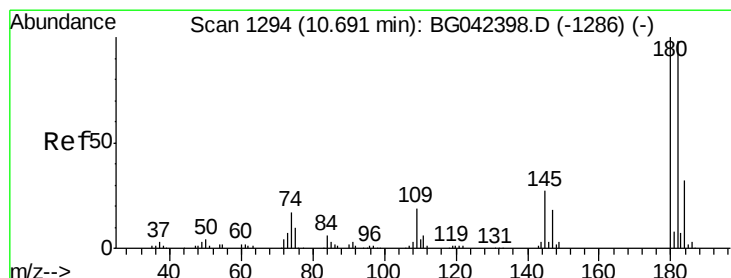
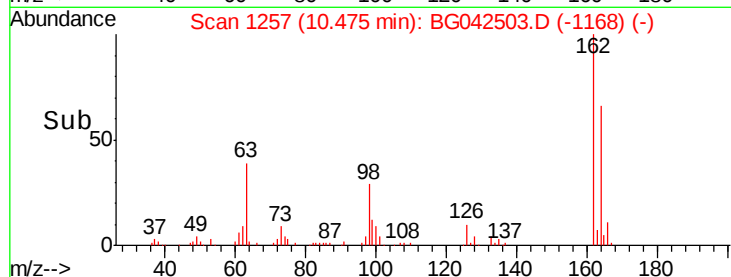
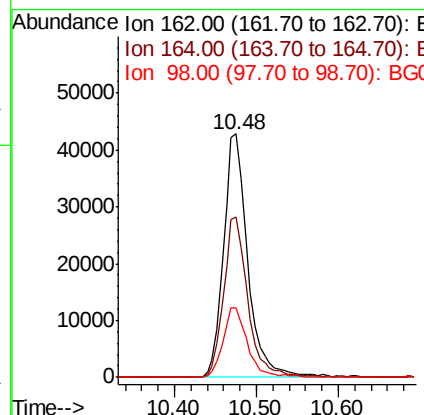
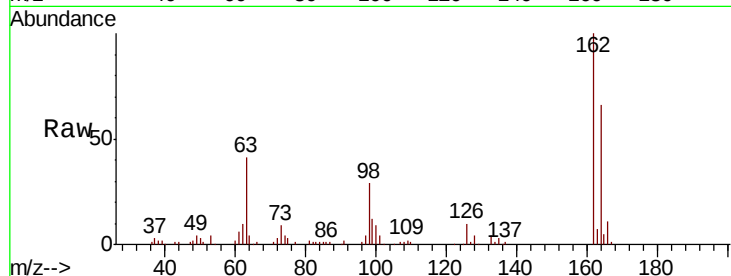
#29
 2,4-Dichlorophenol
 Concen: 43.639 ng
 RT: 10.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	88384		
164	65.9	48.1	88.1	
98	28.8	7.6	47.6	

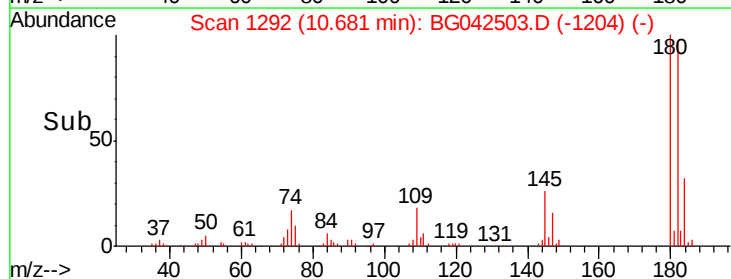
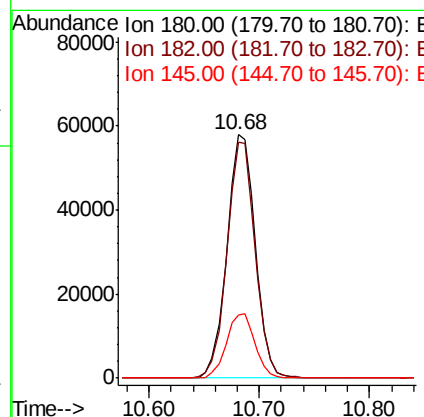
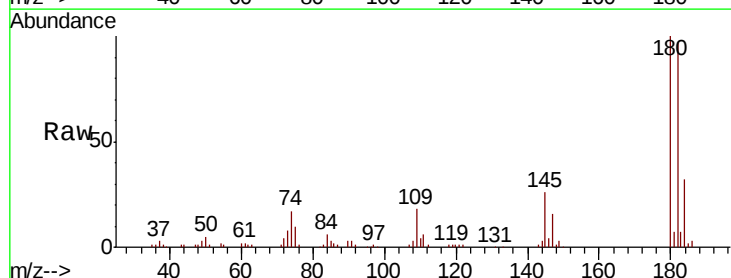
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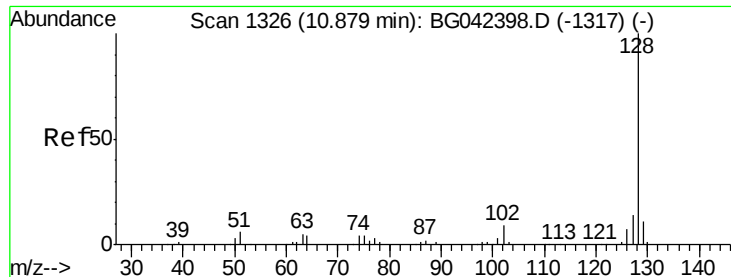
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.786 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	103879		
182	96.9	78.7	118.1	
145	25.8	21.6	32.4	





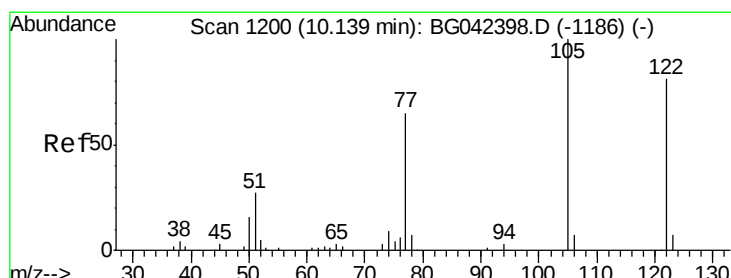
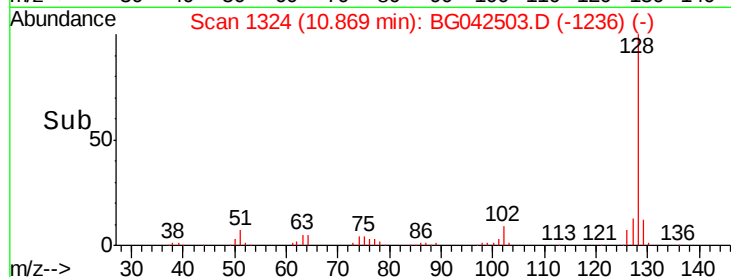
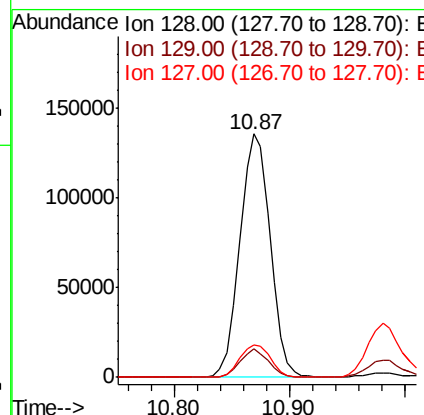
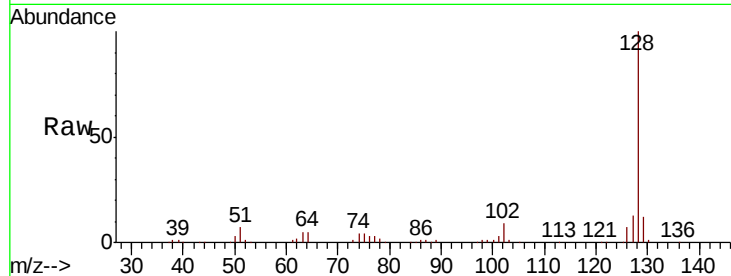
#31
Naphthalene
Concen: 43.385 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	246496		
129	11.6		8.8	13.2
127	13.5		11.4	17.0

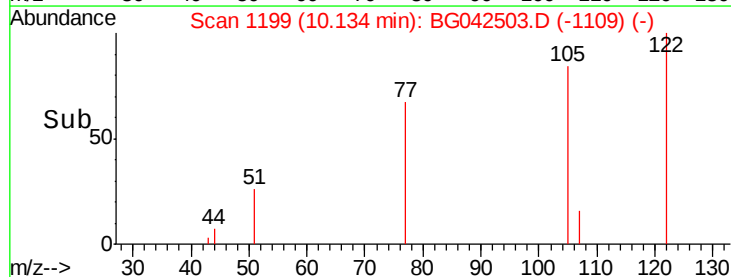
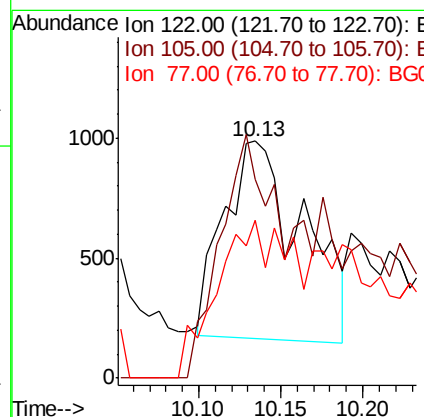
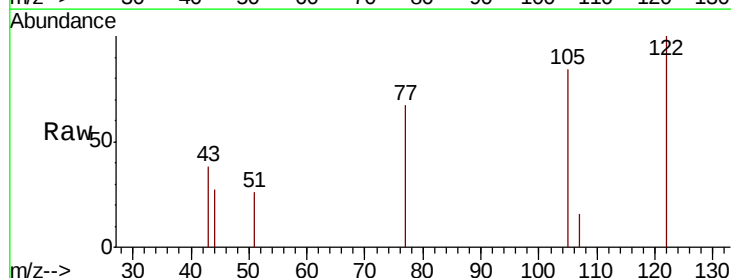
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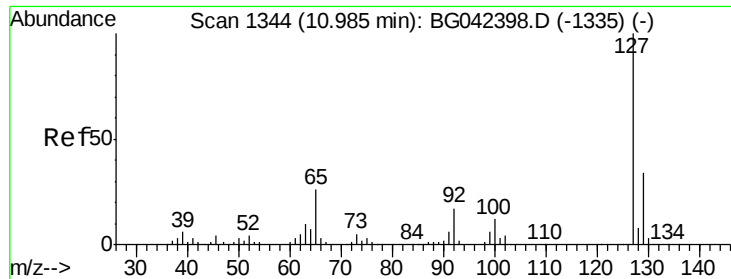
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#32
Benzoic acid
Concen: 10.204 ng m
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	2755		
105	84.0		99.6	139.6#
77	66.8		59.5	99.5





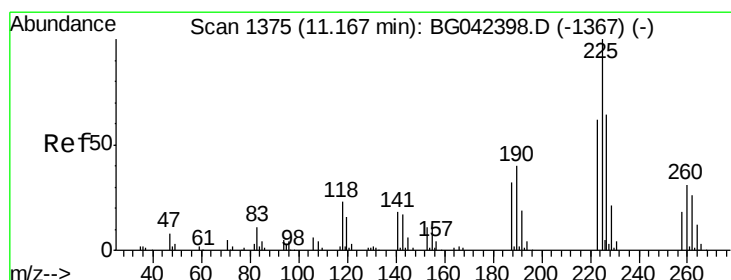
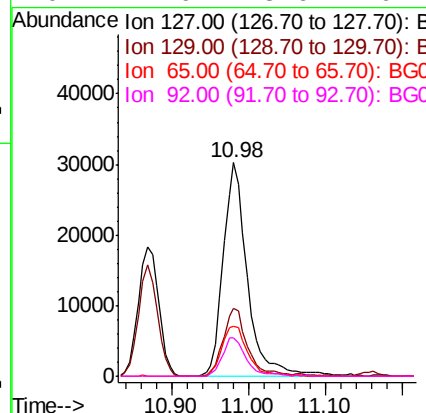
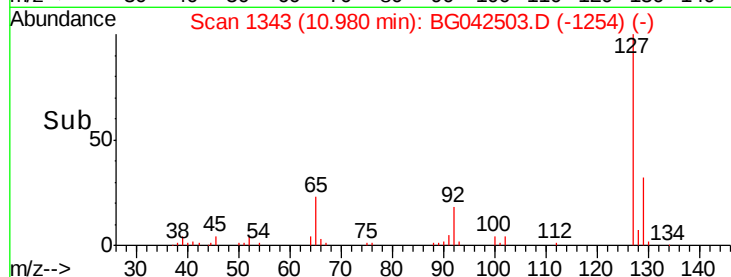
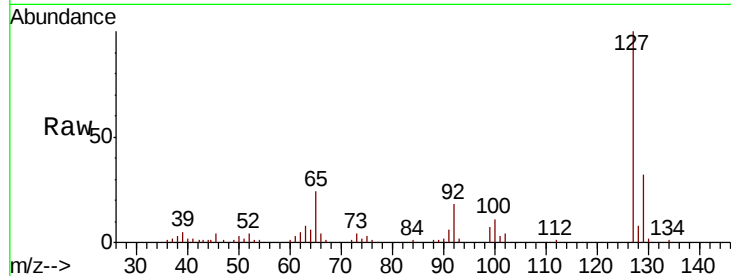
#33
4-Chloroaniline
Concen: 25.124 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.8	40.2
65	23.5	20.7	31.1
92	17.9	13.6	20.4

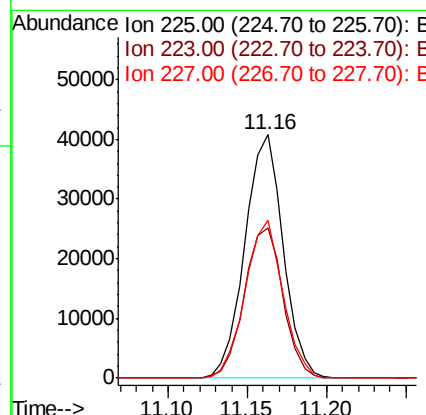
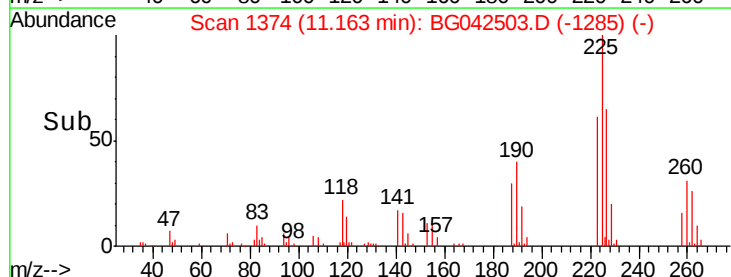
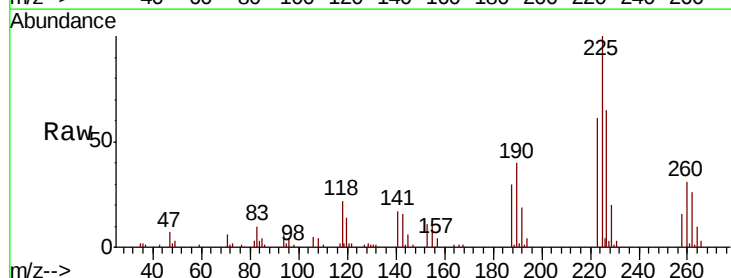
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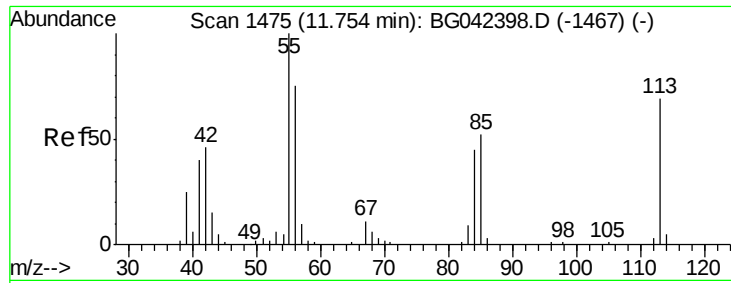
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#34
Hexachlorobutadiene
Concen: 40.879 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.6
227	65.1	50.9	76.3





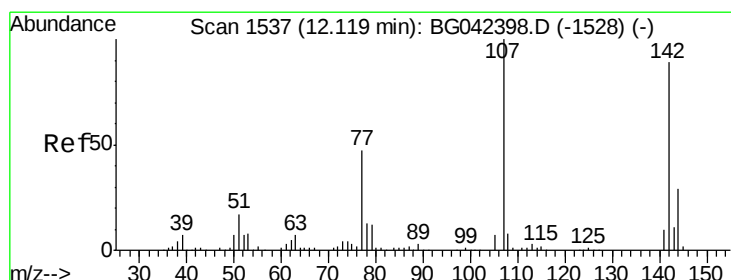
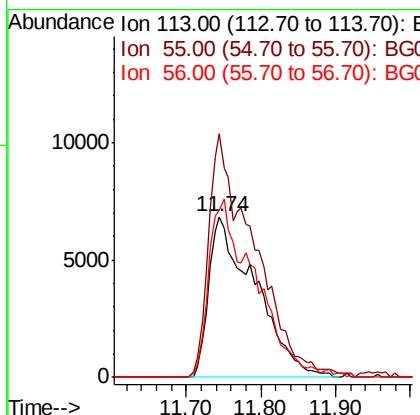
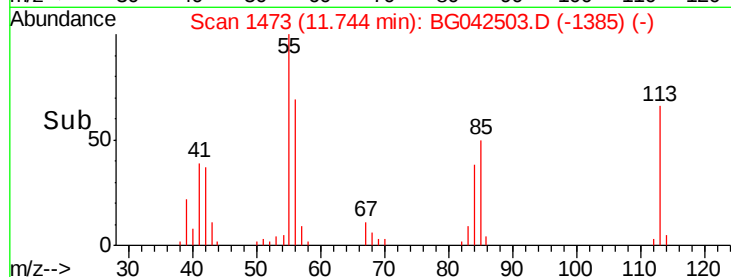
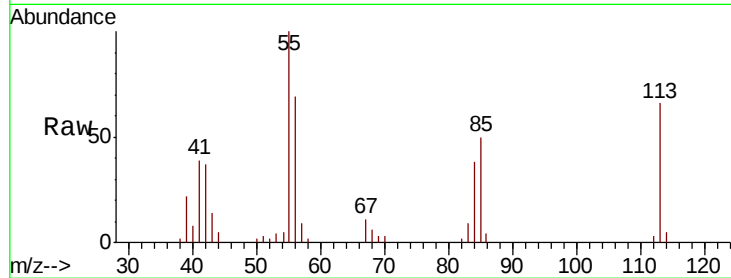
#35
Caprolactam
Concen: 43.394 ng
RT: 11.74 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion:113 Resp: 29326
Ion Ratio Lower Upper
113 100
55 151.8 124.6 164.6
56 104.2 88.3 128.3

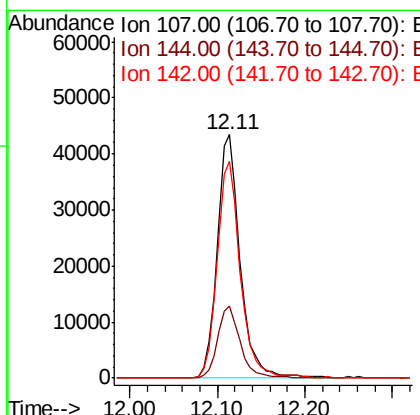
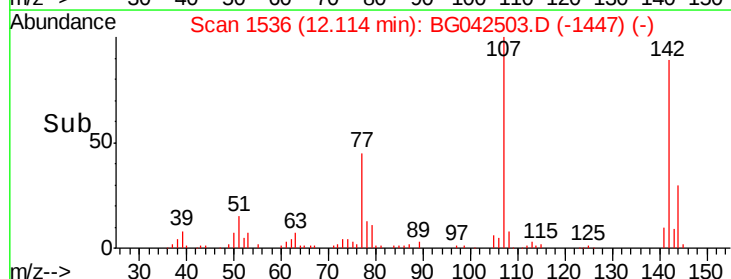
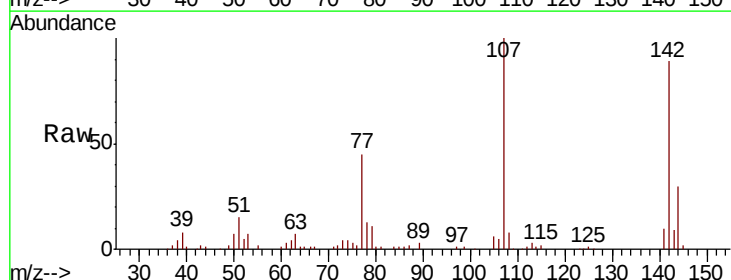
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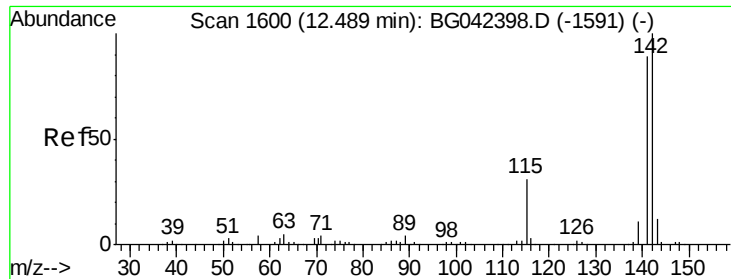
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#36
4-Chloro-3-methylphenol
Concen: 40.947 ng
RT: 12.11 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion:107 Resp: 78727
Ion Ratio Lower Upper
107 100
144 29.6 23.6 35.4
142 88.9 71.0 106.4





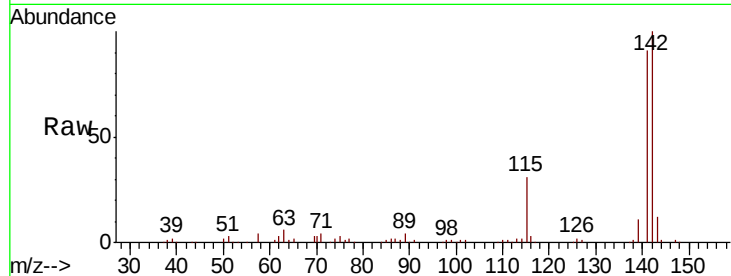
#37
2-Methylnaphthalene
Concen: 41.286 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	30.9	25.2	37.8

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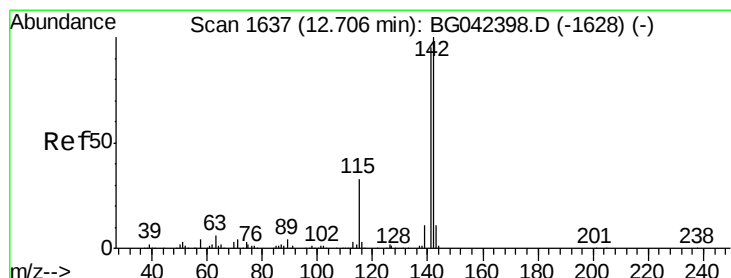
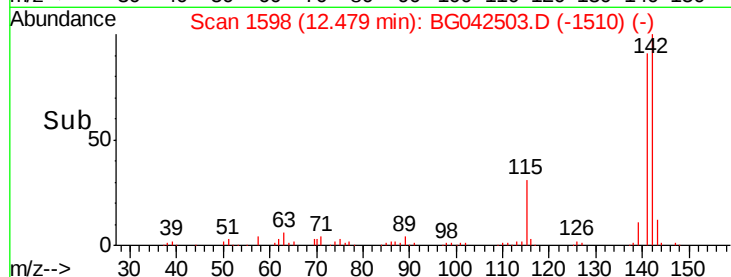
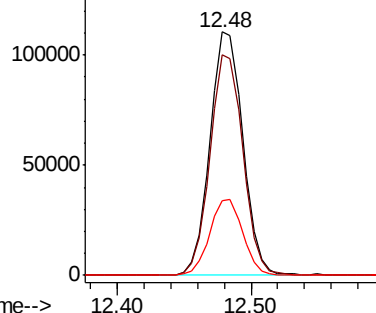


Abundance

Ion 142.00 (141.70 to 142.70): E

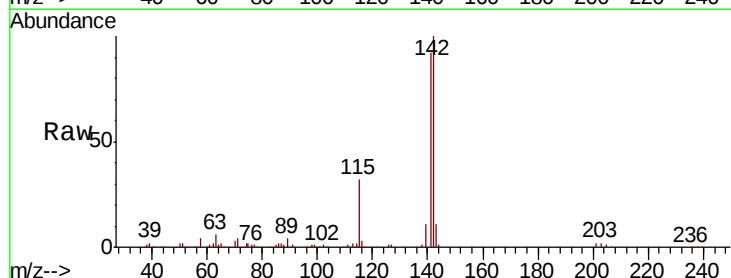
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.436 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	76.2	114.2
116	3.2	2.8	4.2

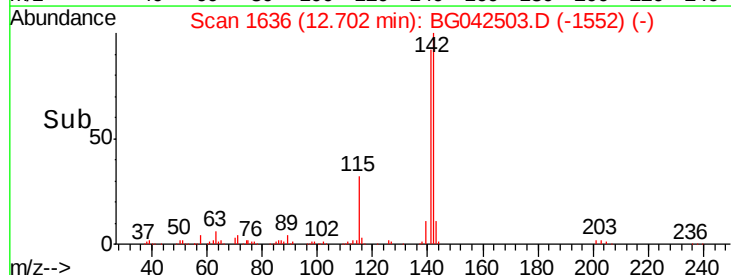
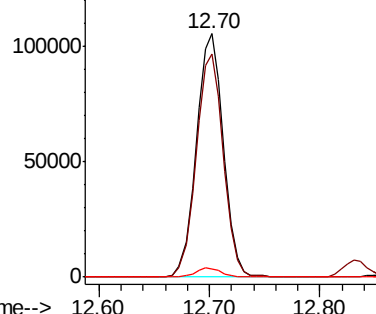


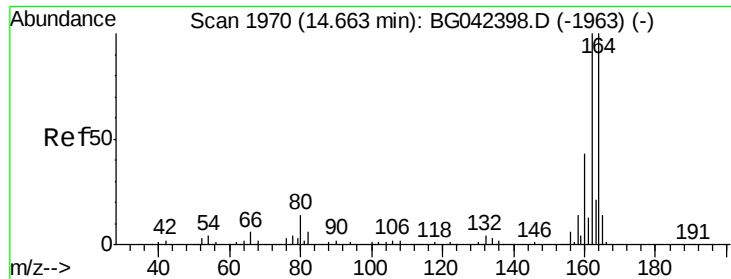
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





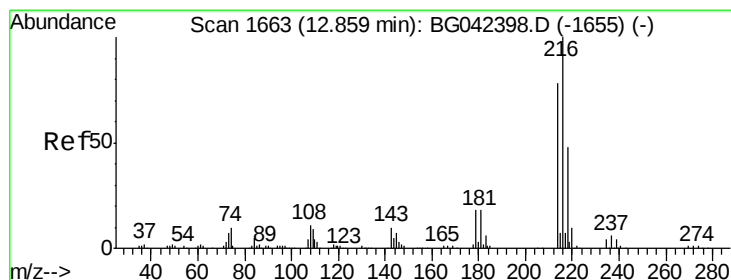
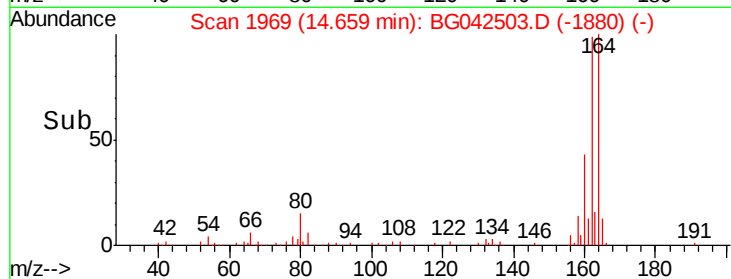
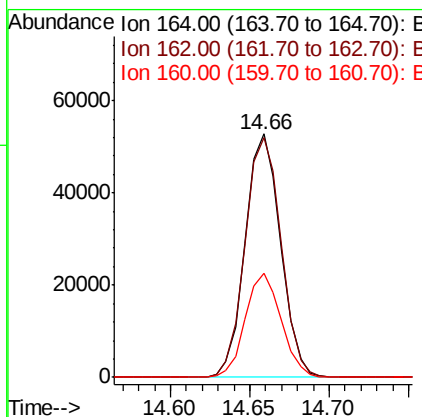
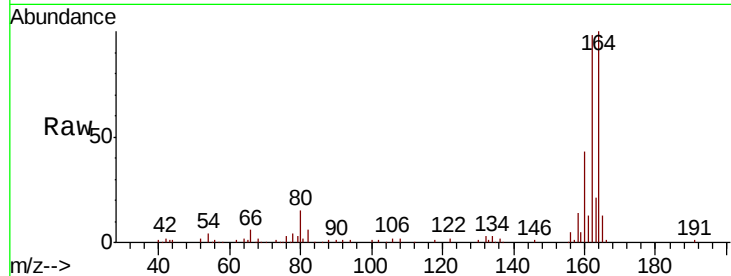
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	79.9	119.9
160	43.0	34.3	51.5

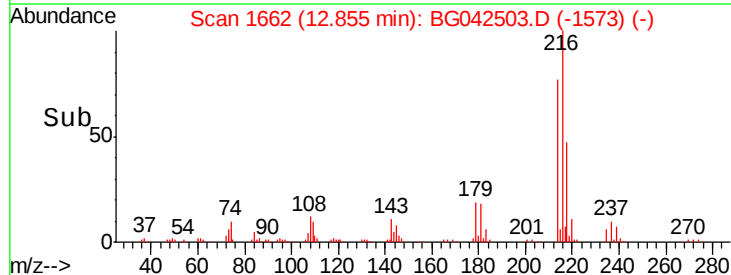
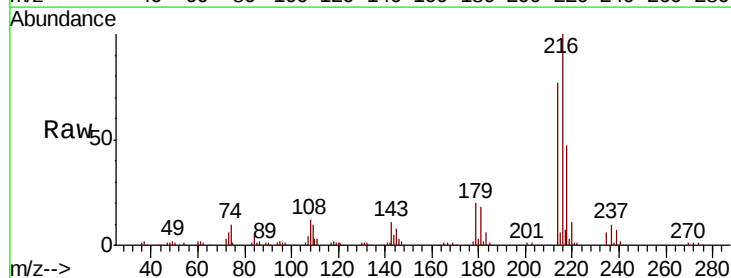
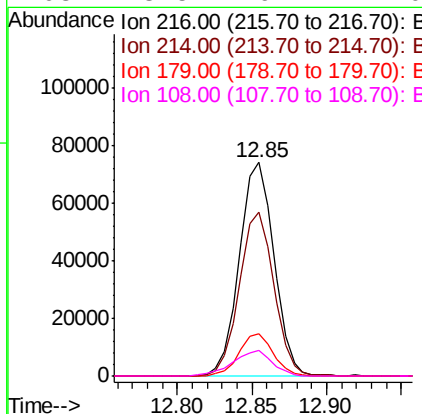
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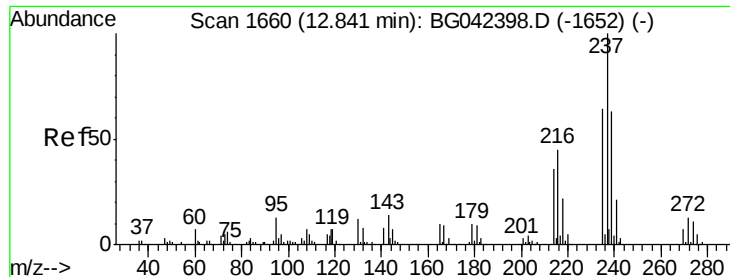
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.366 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.7	61.4	92.2
179	19.2	15.1	22.7
108	13.5	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 90.749 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

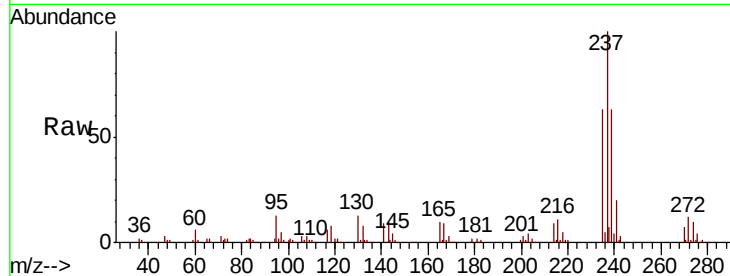
ClientSampled :

TP-1(1-3)MS

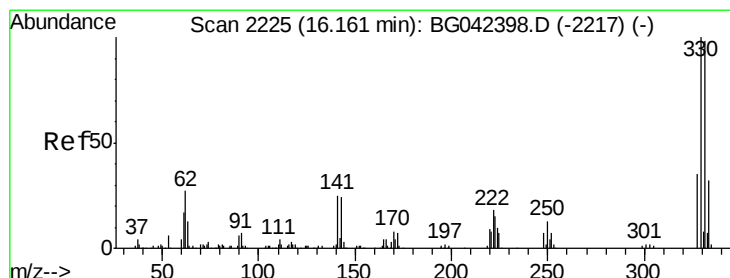
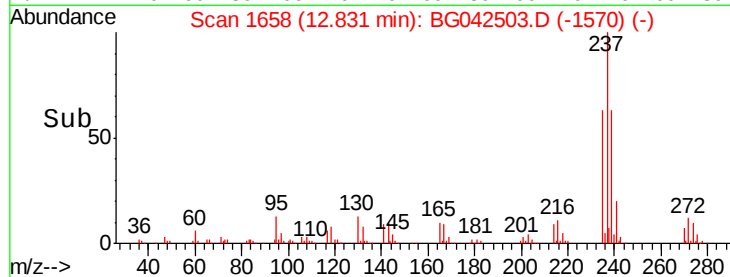
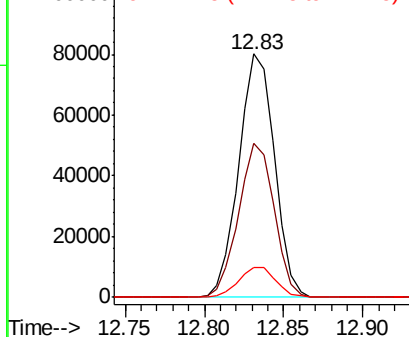
Tot Ion:	237	Resp:	125340
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.7	83.7
272	12.5	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 142.419 ng

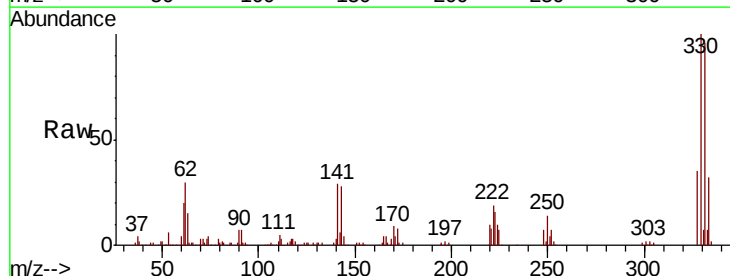
RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

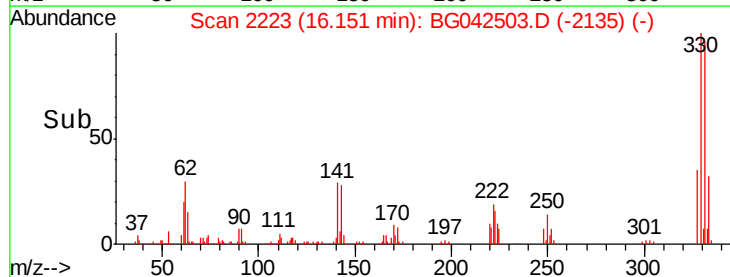
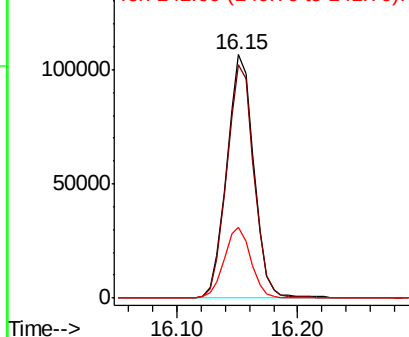
Lab File: BG042503.D

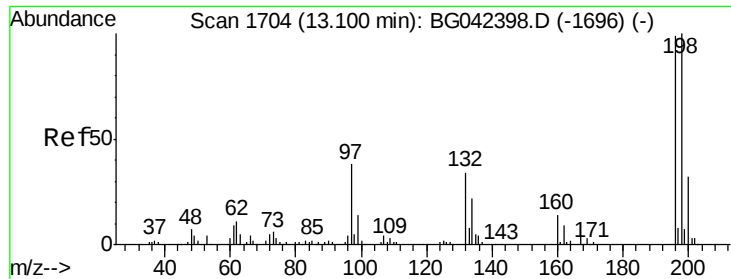
Acq: 26 Aug 2019 17:48

Tgt Ion:	330	Resp:	165740
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.0
141	28.6	21.4	32.0



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





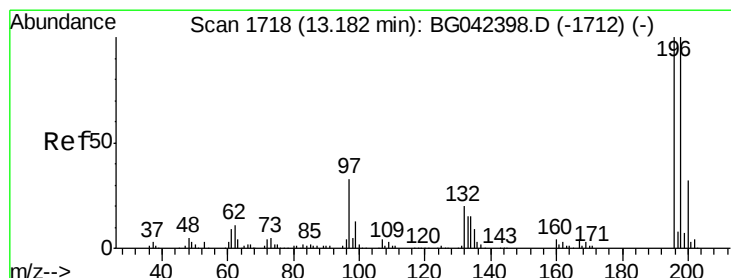
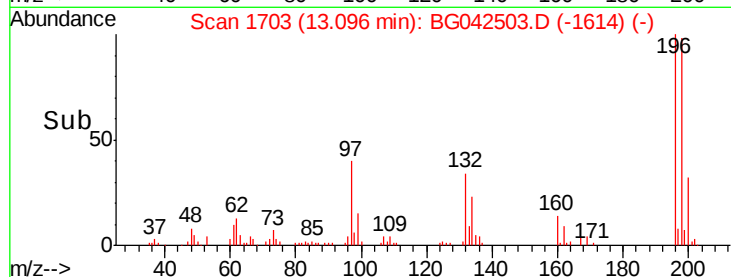
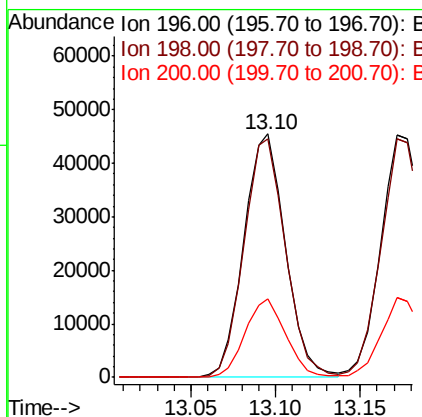
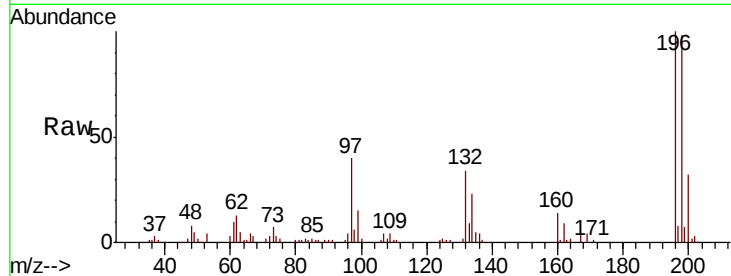
#43
 2,4,6-Trichlorophenol
 Concen: 43.823 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	77886		
198	98.0	80.7	121.1	
200	32.0	25.7	38.5	

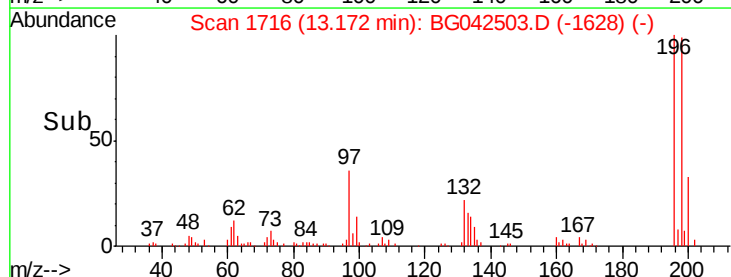
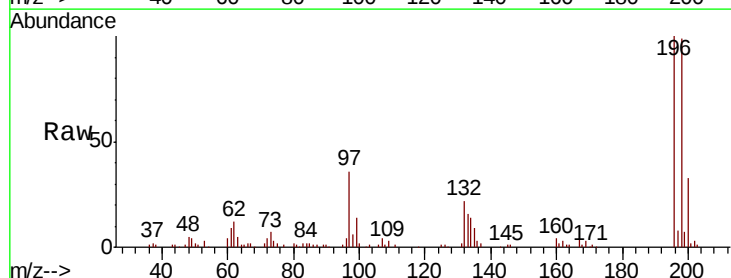
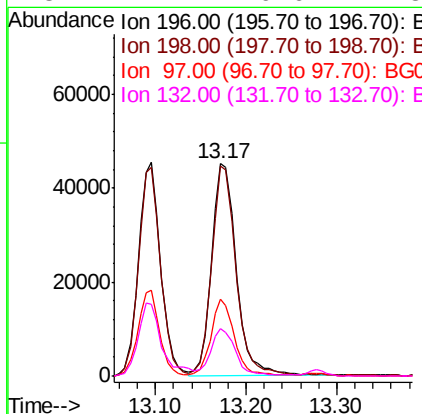
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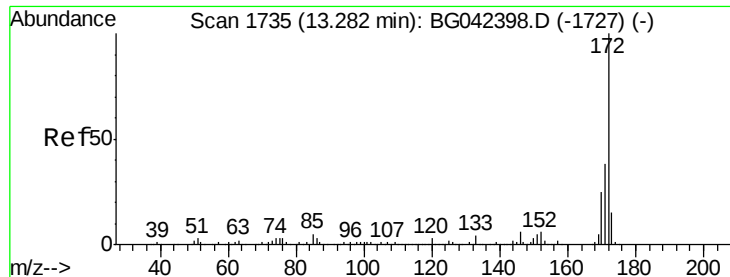
JAGRUT
 8/27/2019 7:51:42 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.219 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85125		
198	98.9	80.2	120.4	
97	36.3	26.3	39.5	
132	22.1	16.6	24.8	





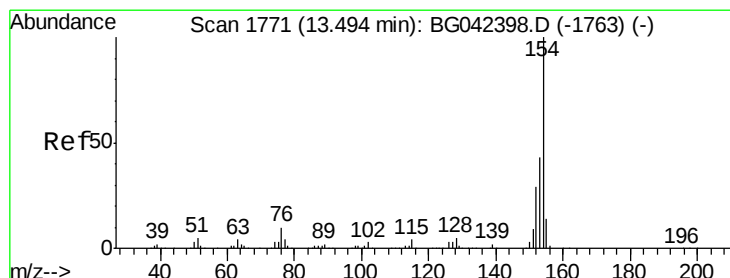
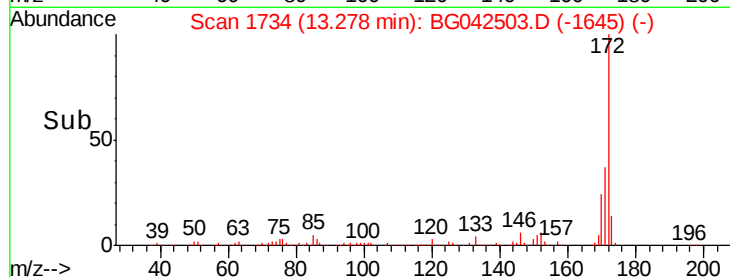
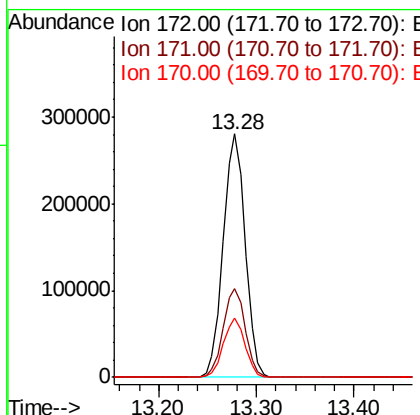
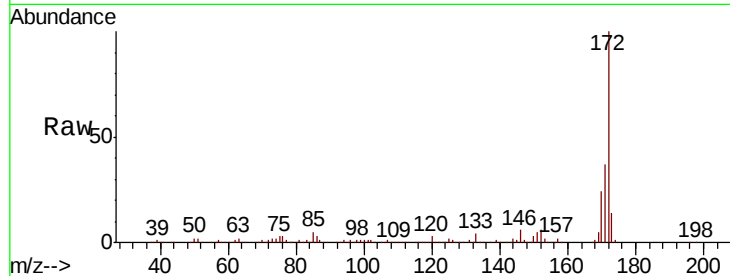
#45
2-Fluorobiphenyl
Concen: 90.507 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.2	20.2	30.2

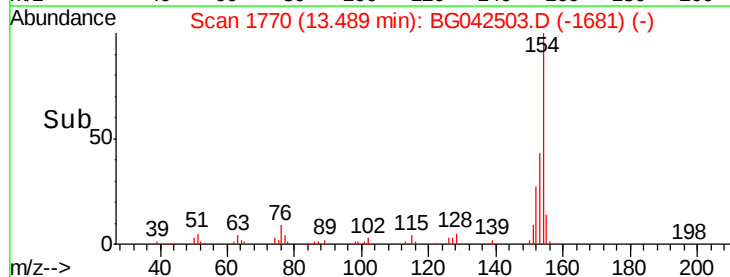
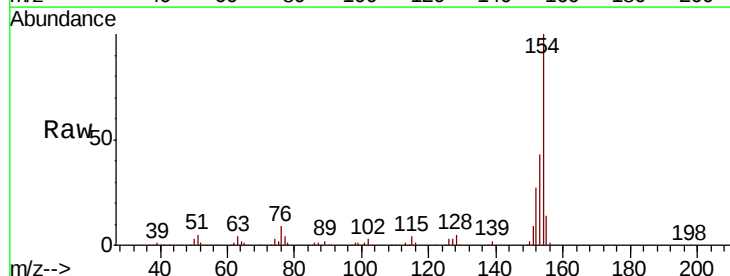
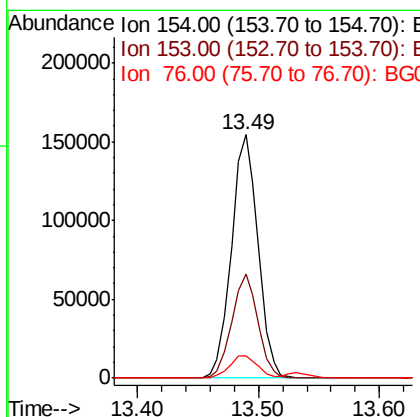
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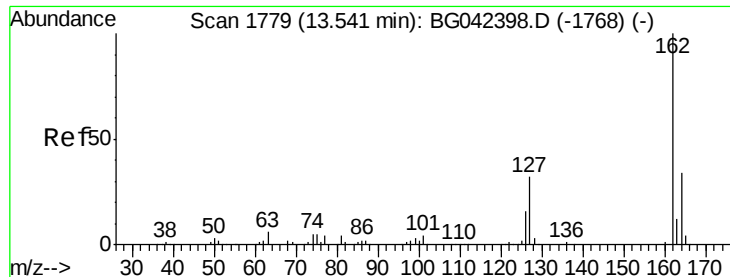
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#46
1,1'-Biphenyl
Concen: 44.604 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	23.0	63.0
76	9.2	0.0	29.6





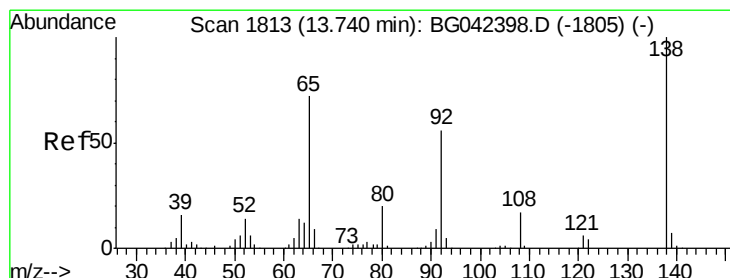
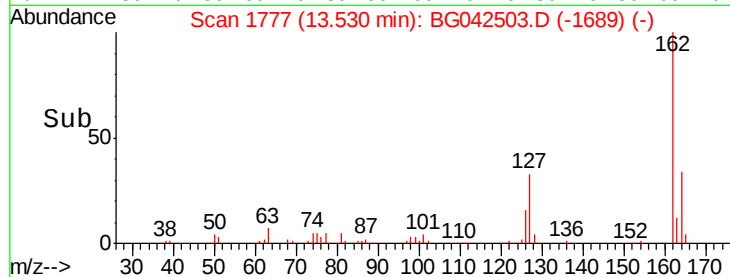
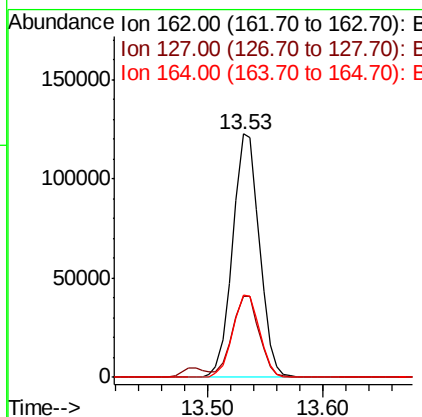
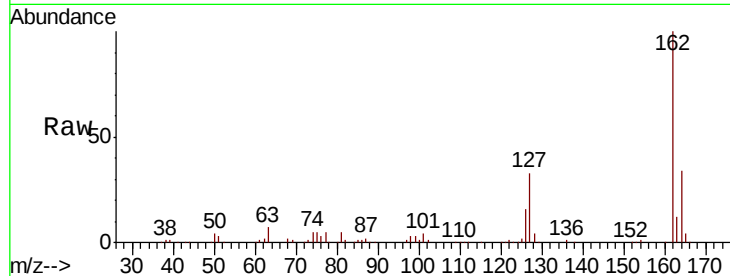
#47
 2-Chloronaphthalene
 Concen: 43.232 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.5	26.0	39.0
164	33.8	27.4	41.0

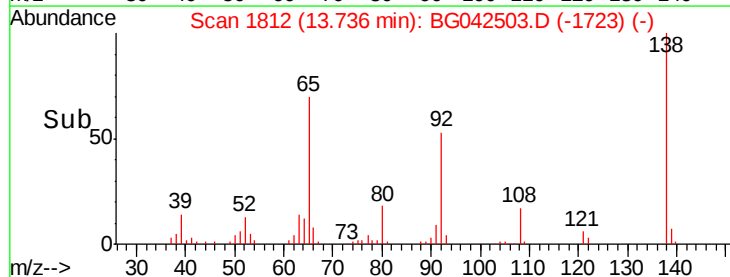
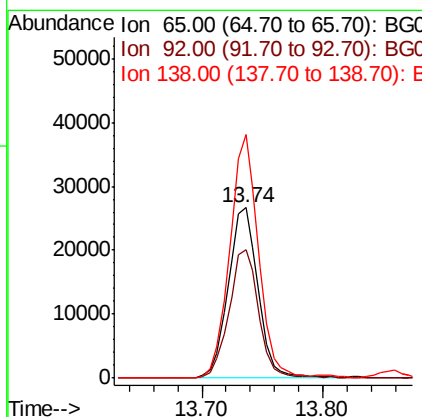
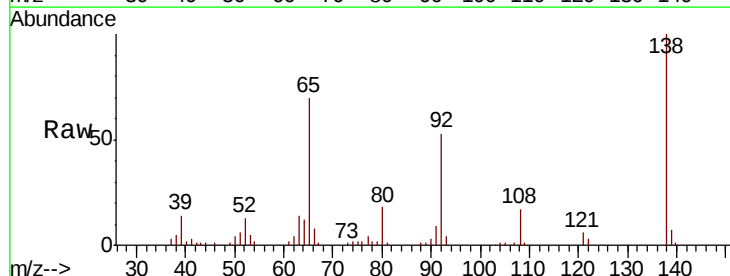
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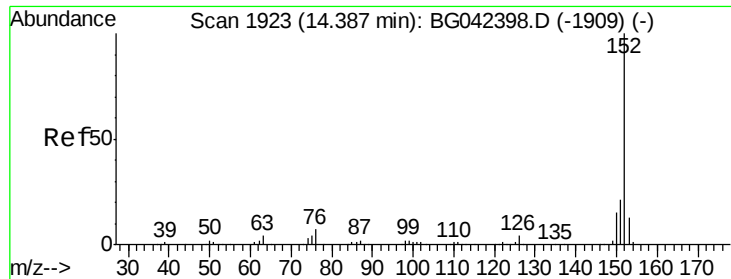
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#48
 2-Nitroaniline
 Concen: 41.615 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	61.8	92.6
138	142.8	111.0	166.6





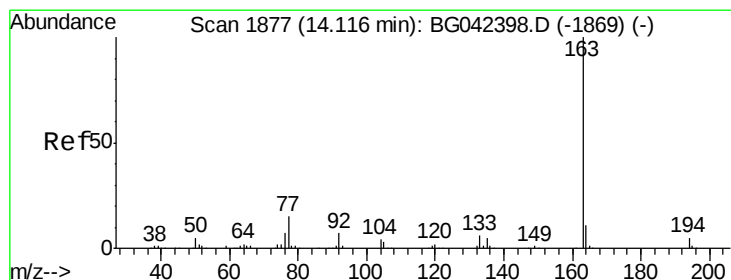
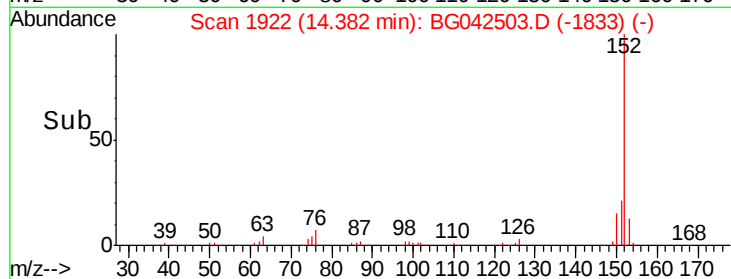
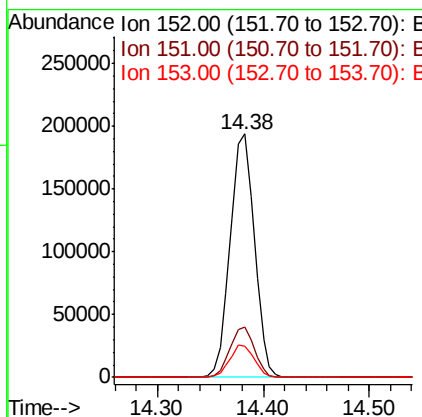
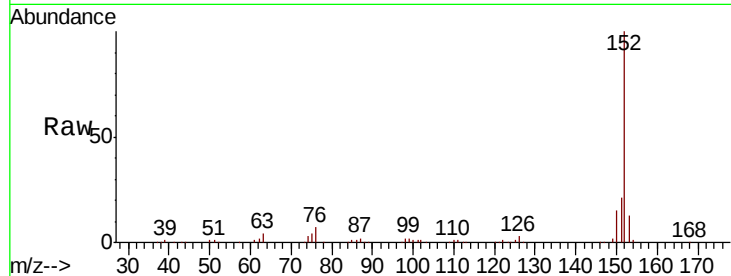
#49
Acenaphthylene
Concen: 44.761 ng
RT: 14.38 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.4
153	12.7	10.6	16.0

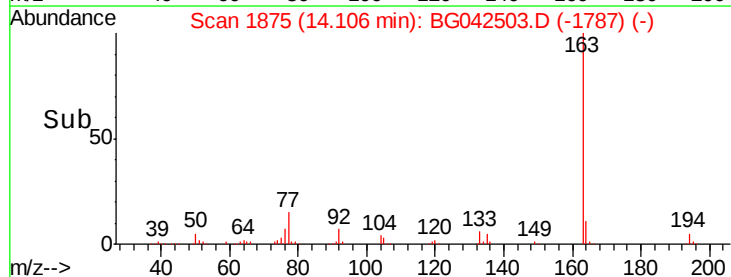
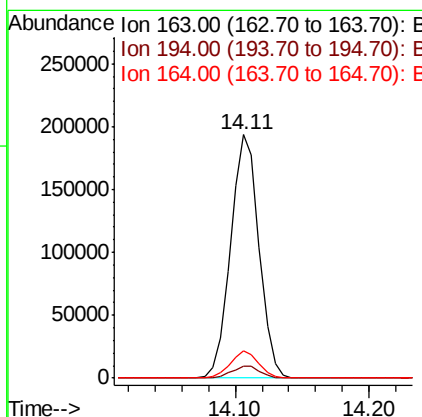
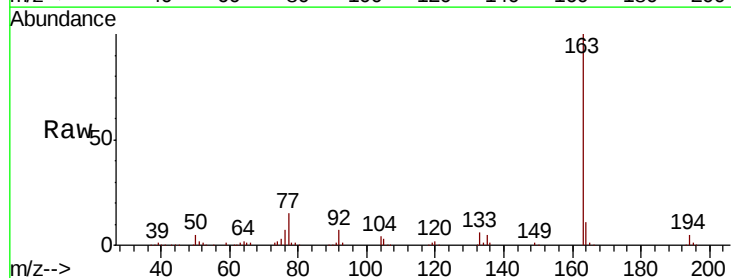
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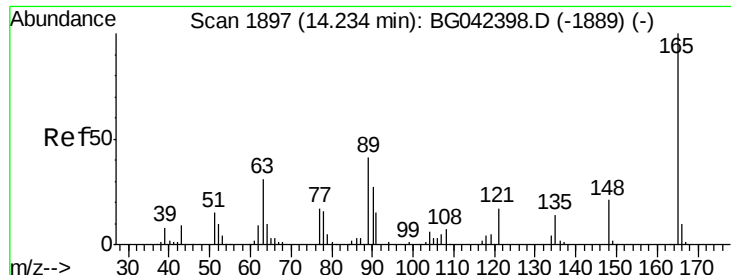
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8/27/2019 7:51:42 AM



#50
Dimethylphthalate
Concen: 48.440 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.3	8.8	13.2





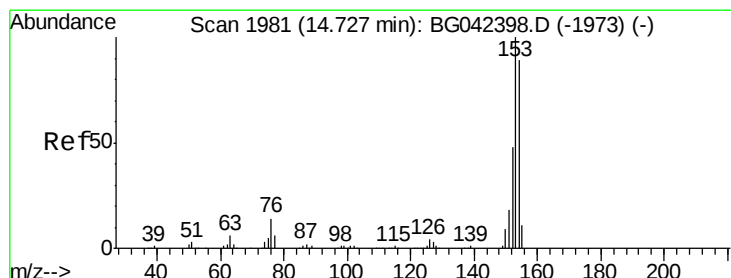
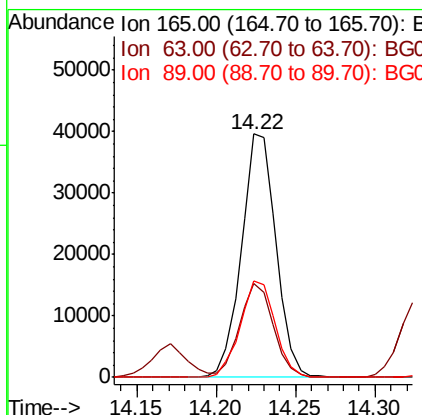
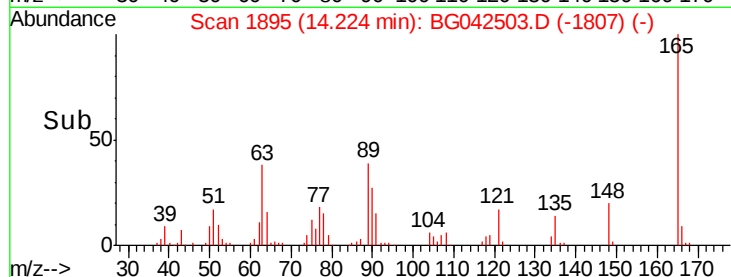
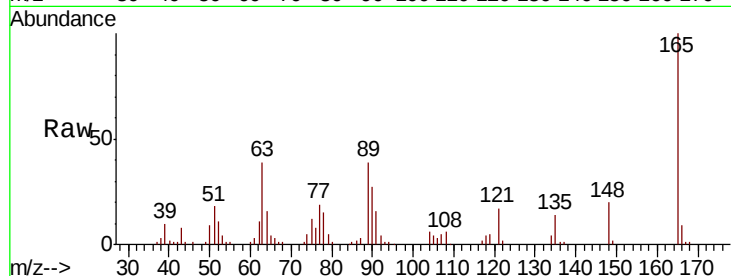
#51
 2,6-Dinitrotoluene
 Concen: 43.556 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	59644		
63	38.5		30.6	45.8
89	39.5		32.6	49.0

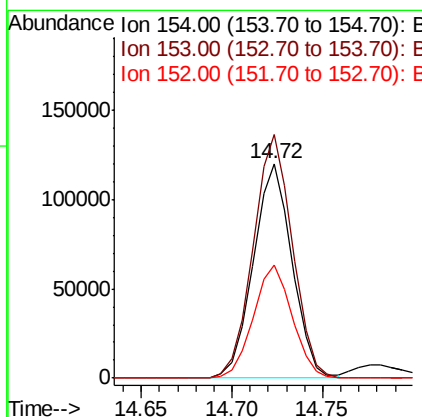
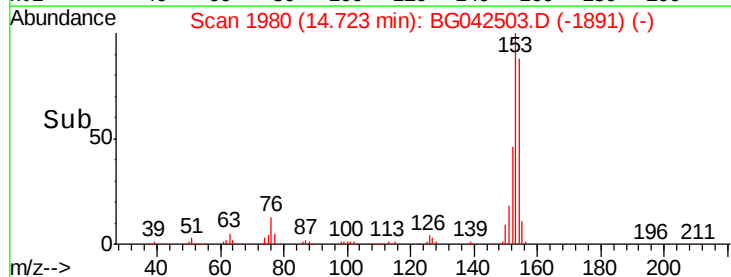
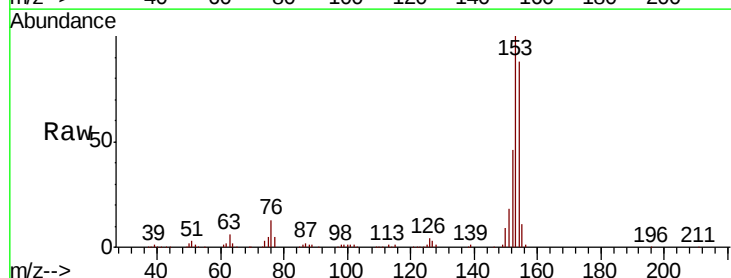
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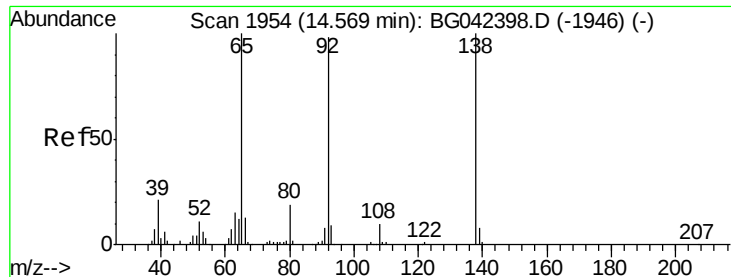
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#52
 Acenaphthene
 Concen: 42.922 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	178943		
153	113.7		90.2	135.4
152	52.6		43.2	64.8





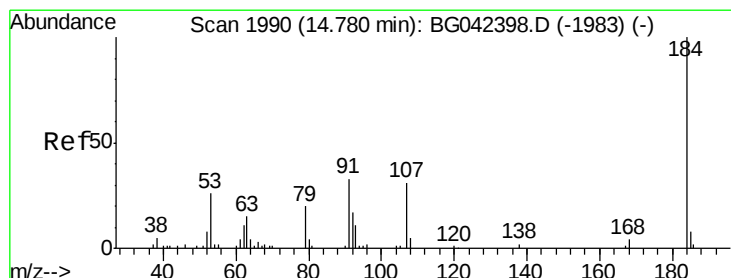
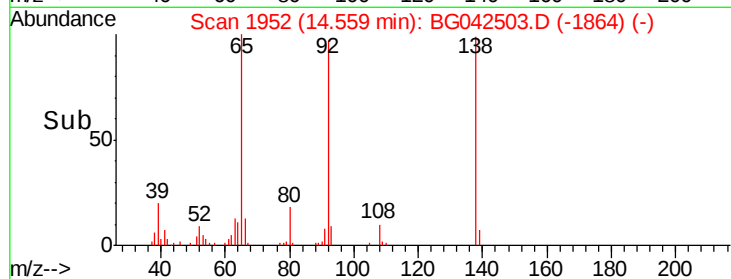
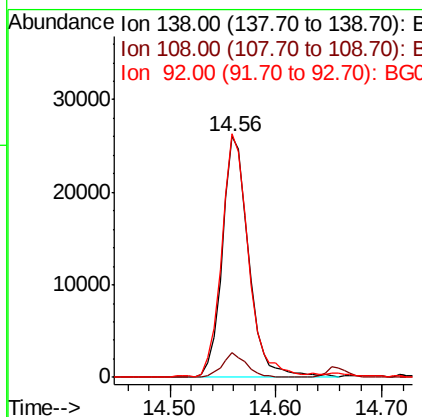
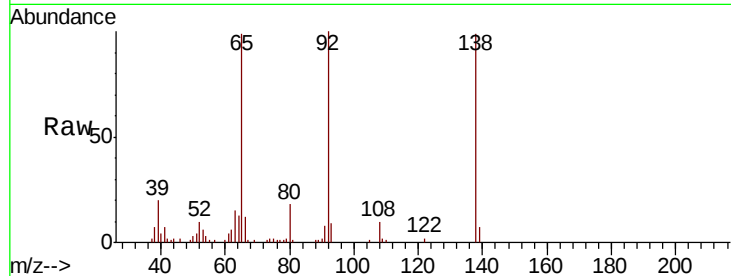
#53
3-Nitroaniline
Concen: 33.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	101.1	78.2	117.4

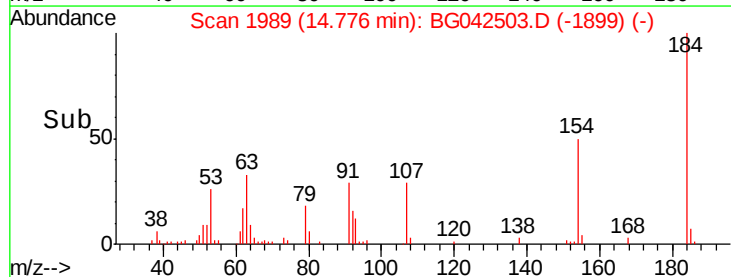
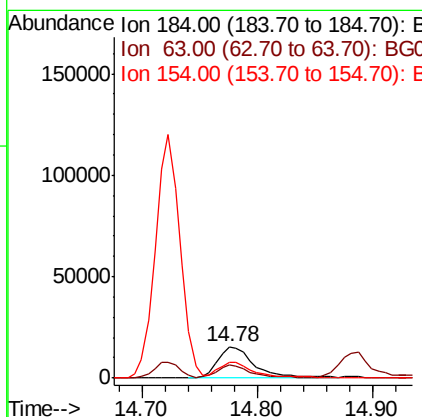
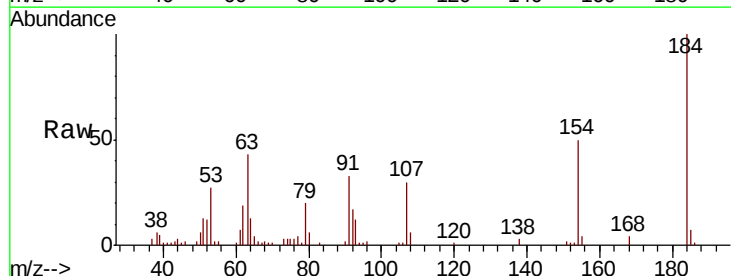
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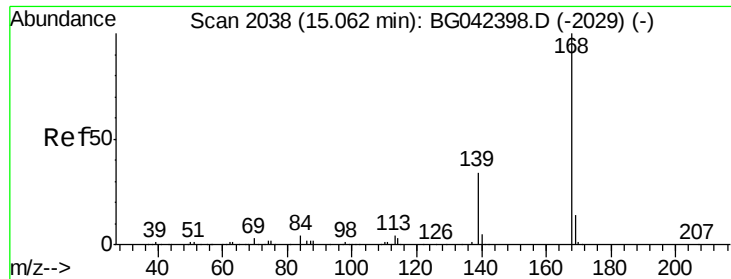
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#54
2,4-Dinitrophenol
Concen: 40.007 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	42.5	31.7	47.5
154	49.6	42.0	63.0





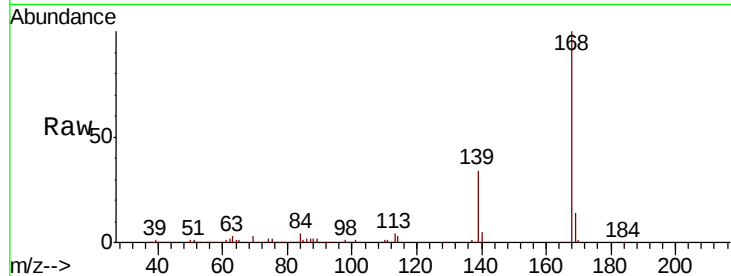
#55
Dibenzenofuran
Concen: 44.426 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.1	27.2	40.8
169	13.8	11.5	17.3

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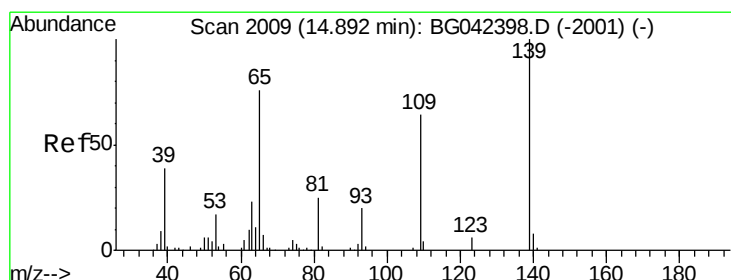
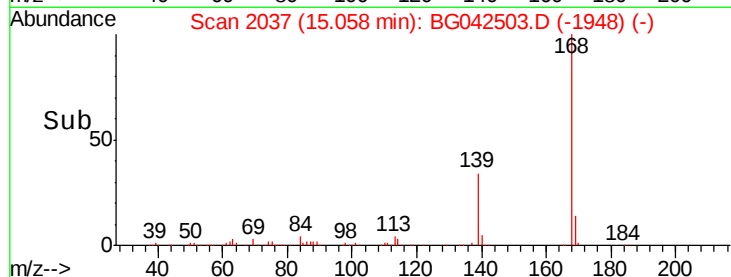
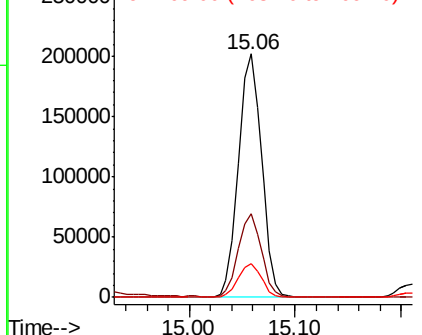


Abundance

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: 120.808 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

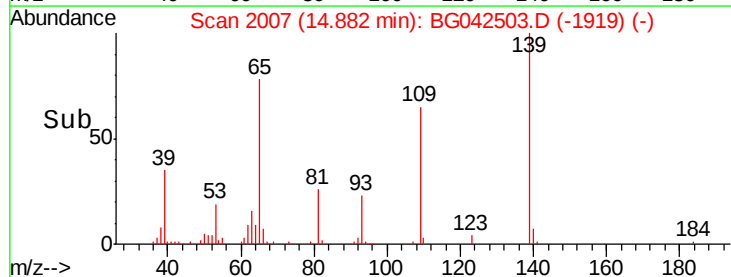
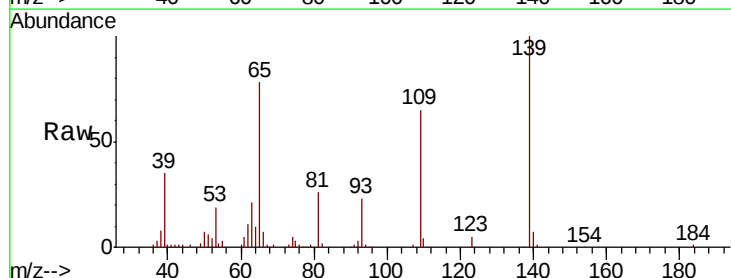
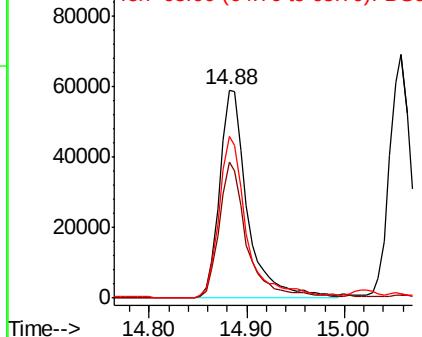
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	43.9	83.9
65	77.7	56.3	96.3

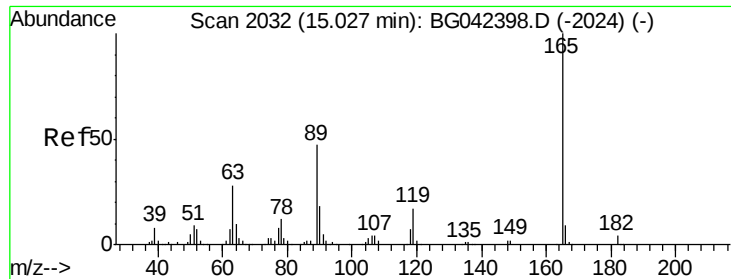
Abundance

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





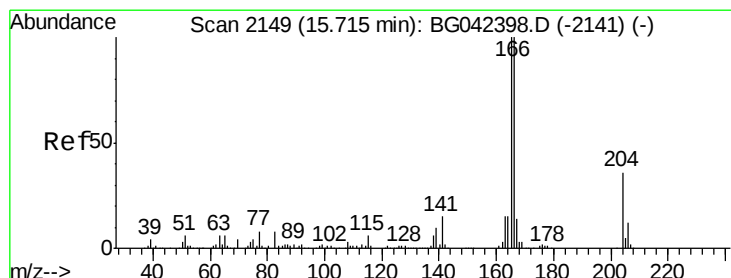
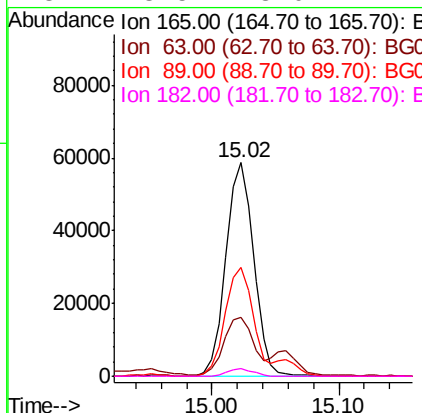
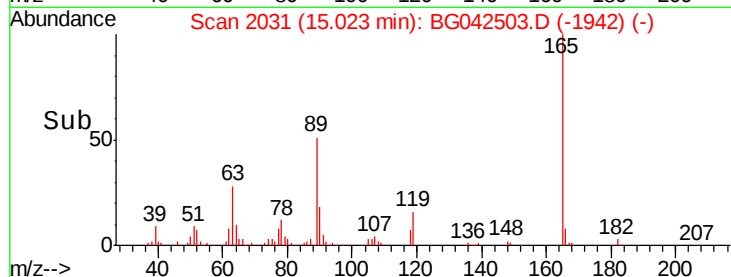
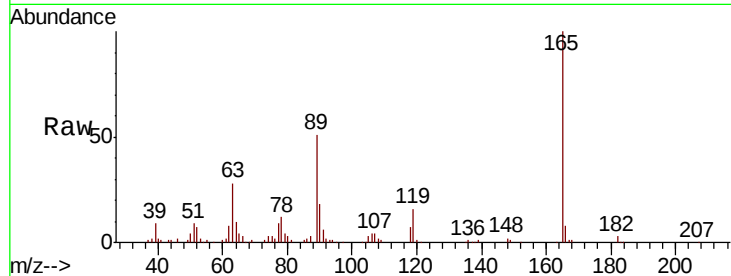
#57
2,4-Dinitrotoluene
Concen: 45.410 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		89044		
63	27.7	22.5	33.7		
89	51.1	37.8	56.6		
182	3.5	3.0	4.4		

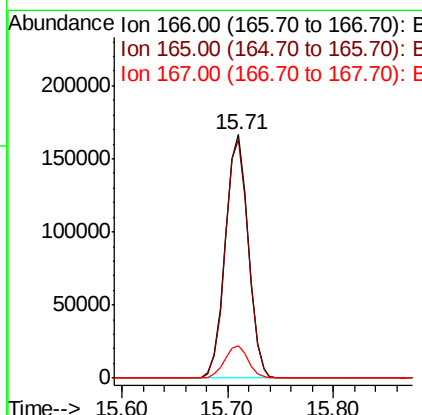
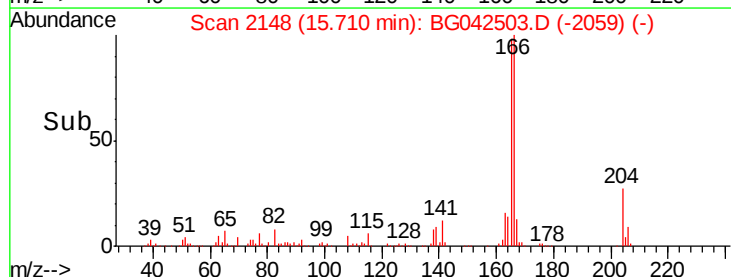
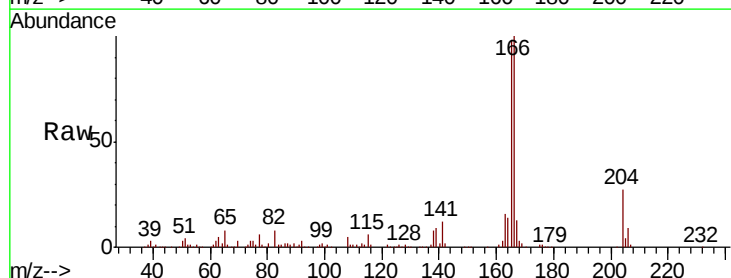
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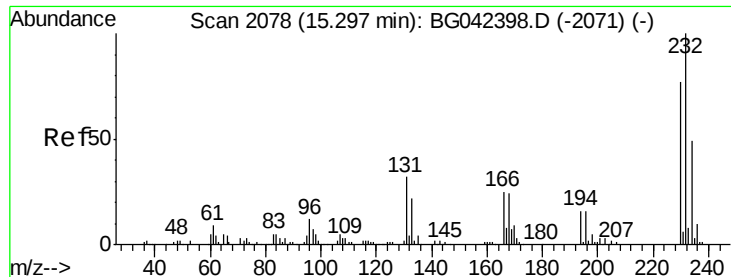
JAGRUT
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#58
Fluorene
Concen: 44.109 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		248827		
165	97.7	79.7	119.5		
167	13.3	10.9	16.3		





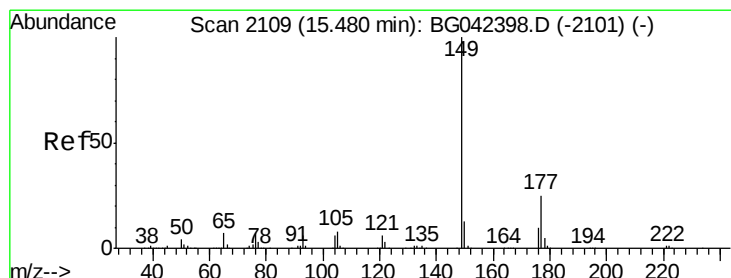
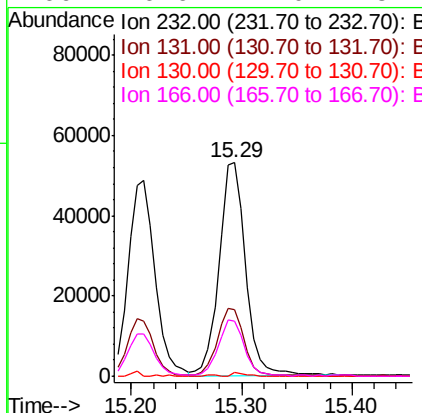
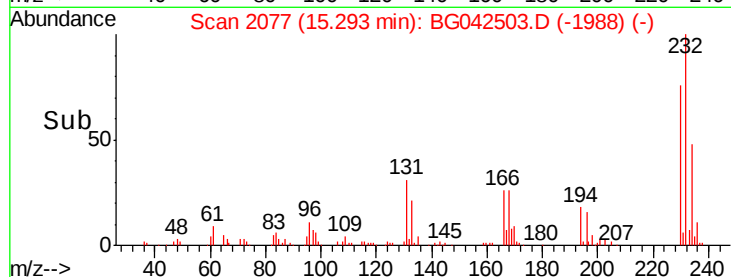
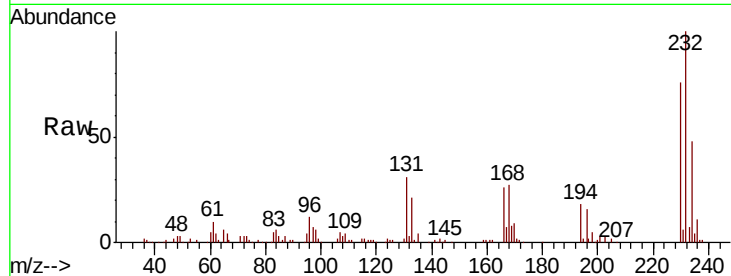
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.756 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.3	22.9	34.3
130	0.9	1.4	2.0
166	26.6	17.0	25.4

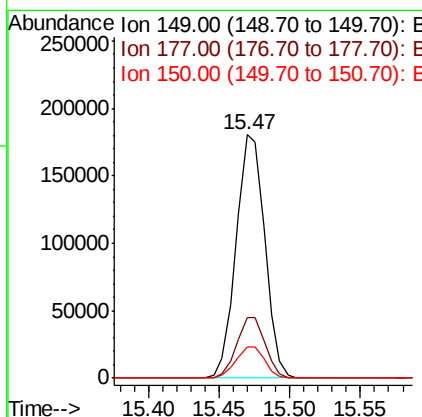
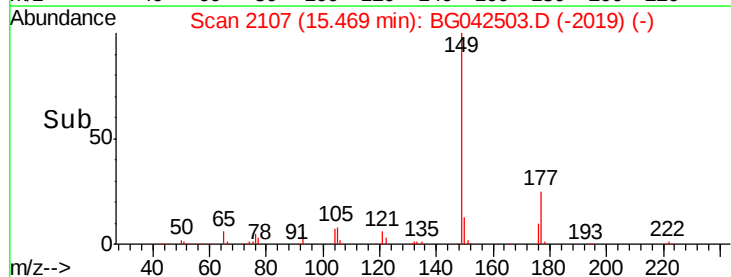
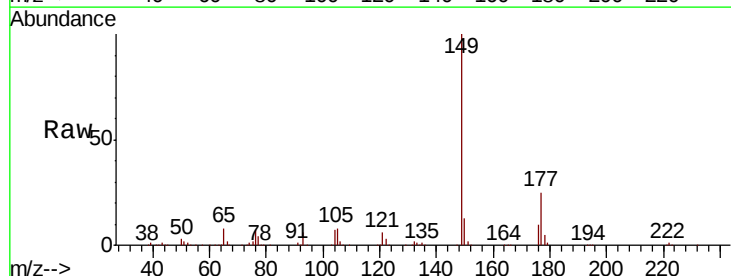
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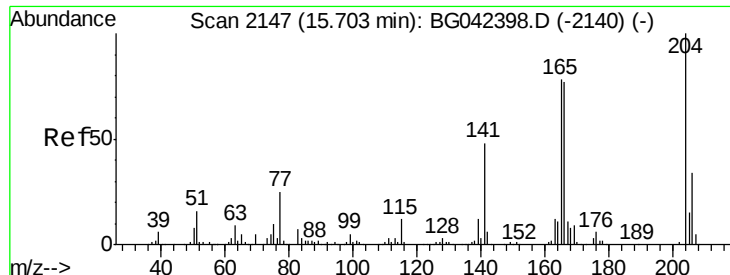
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#60
 Diethylphthalate
 Concen: 44.281 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	20.4	30.6
150	12.6	10.3	15.5





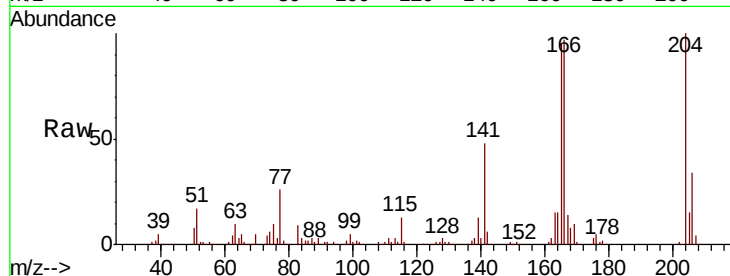
#61
4-Chlorophenyl-phenylether
Concen: 41.778 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	142068		
206	33.9	27.2	40.8	
141	48.3	38.7	58.1	

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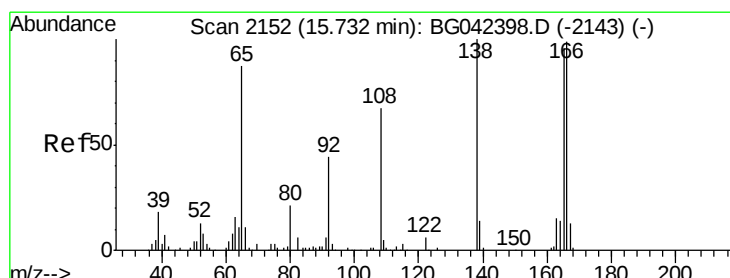
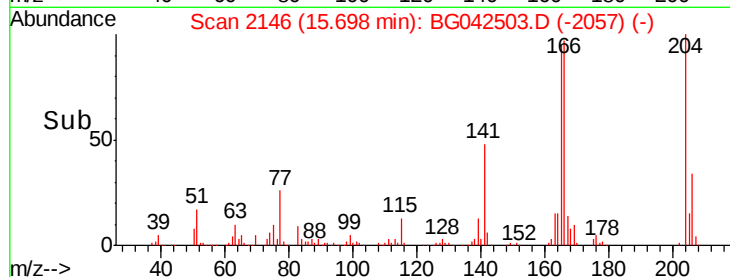
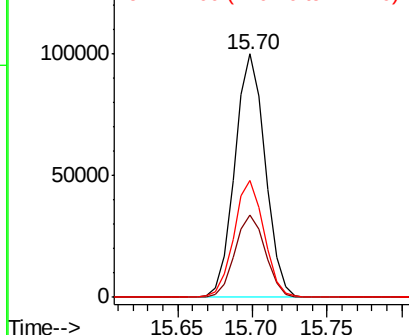


Abundance

Ion 204.00 (203.70 to 204.70): E

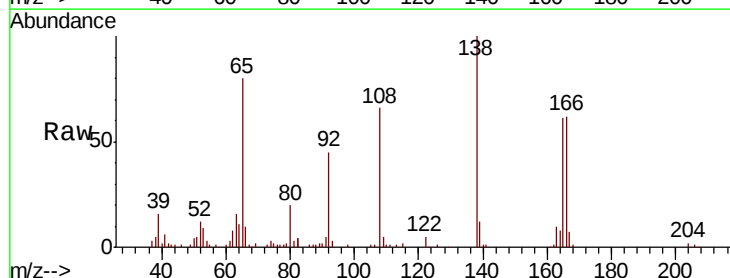
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.448 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	69545		
92	44.6	24.2	64.2	
108	66.2	46.8	86.8	

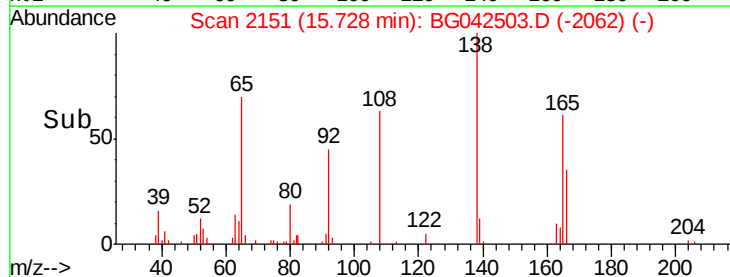
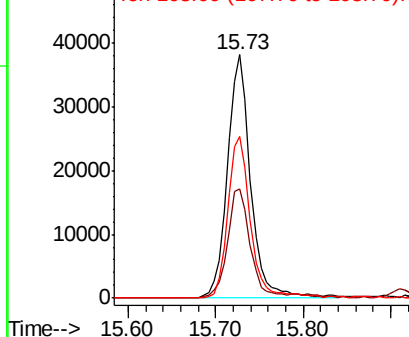


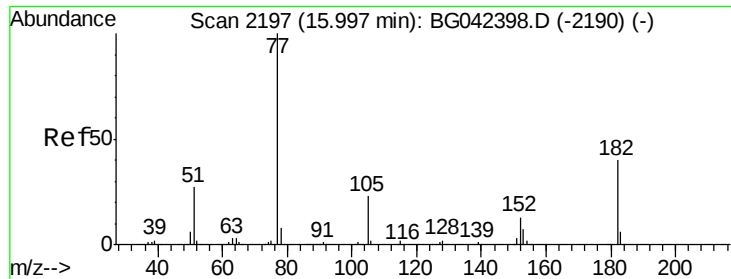
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





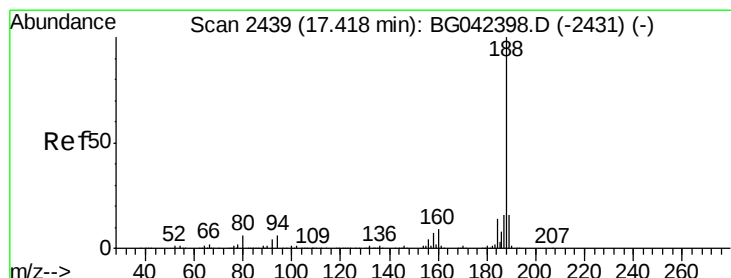
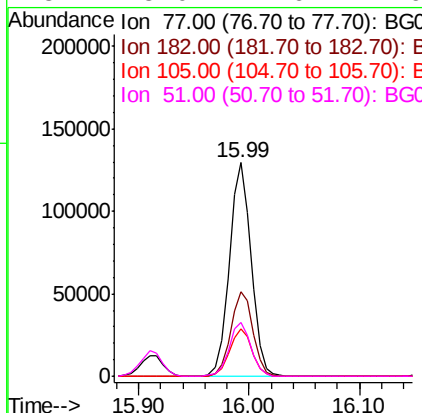
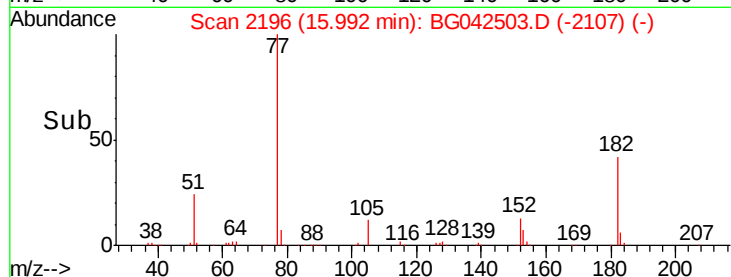
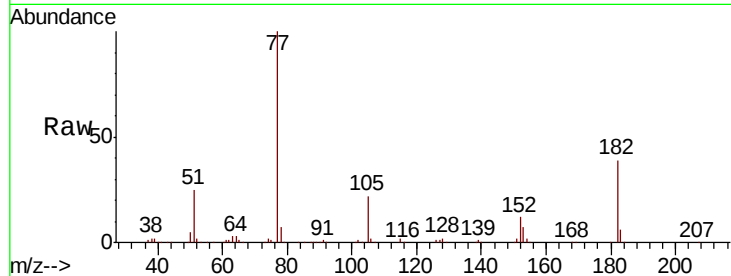
#63
Azobenzene
Concen: 45.170 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		178750		
182	39.4	19.9	59.9		
105	22.4	2.9	42.9		
51	25.0	7.6	47.6		

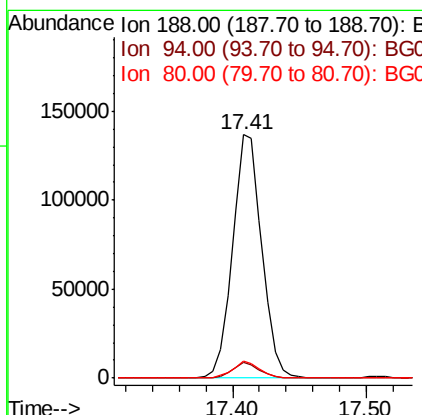
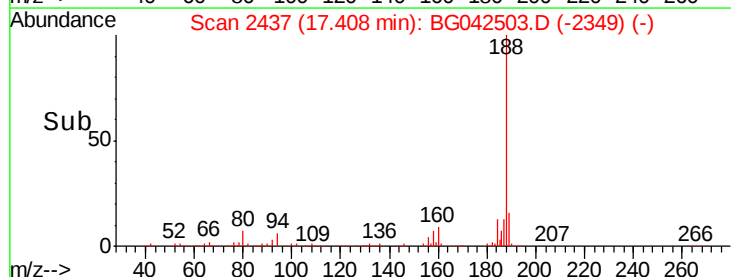
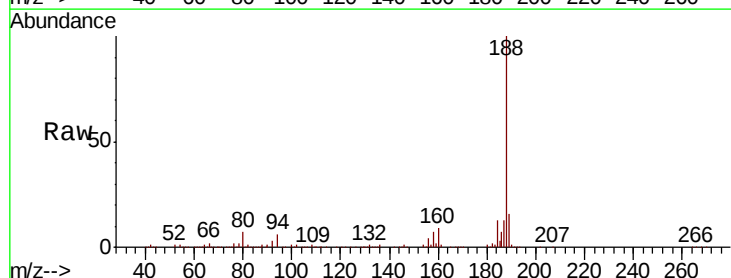
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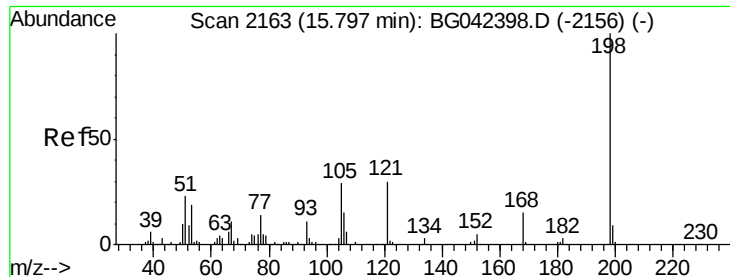
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		206860		
94	6.4	4.5	6.7		
80	7.0	4.9	7.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 35.286 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

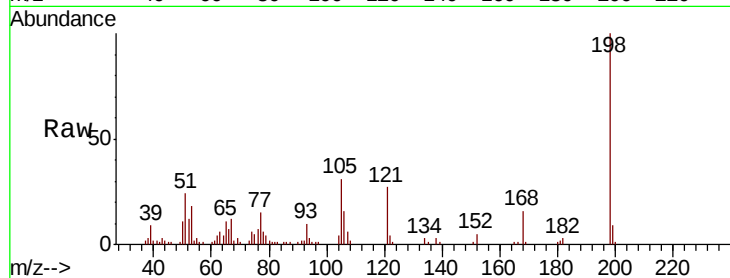
ClientSampleId :

TP-1(1-3)MS

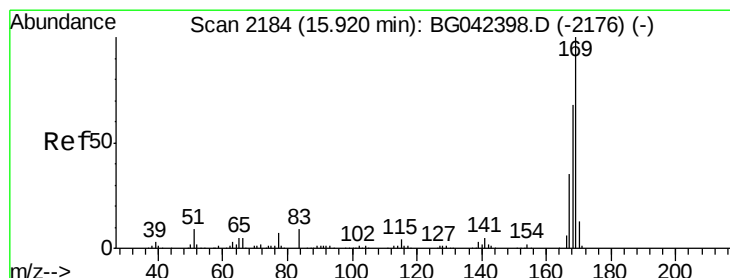
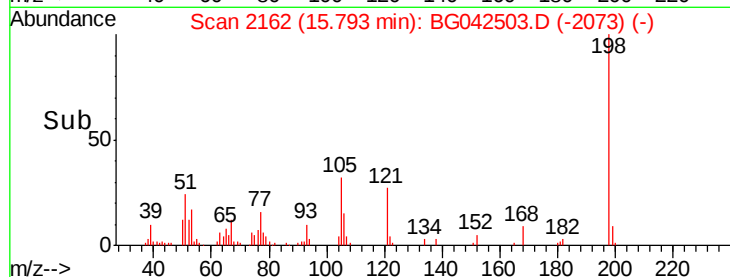
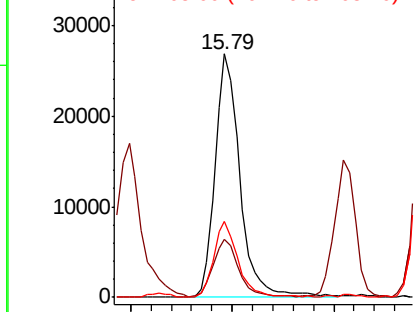
Tot Ion:	198	Resp:	45763
Ion Ratio	Lower	Upper	
198	100		
51	23.6	4.2	44.2
105	31.2	8.8	48.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.709 ng

RT: 15.91 min Scan# 2182

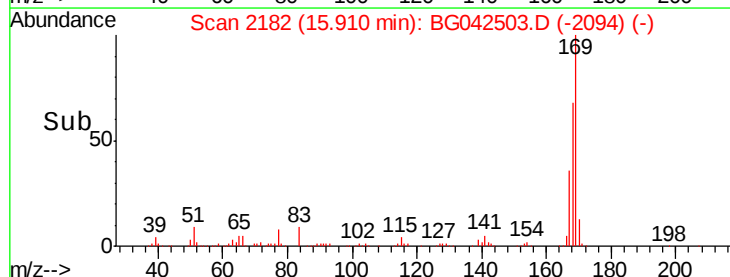
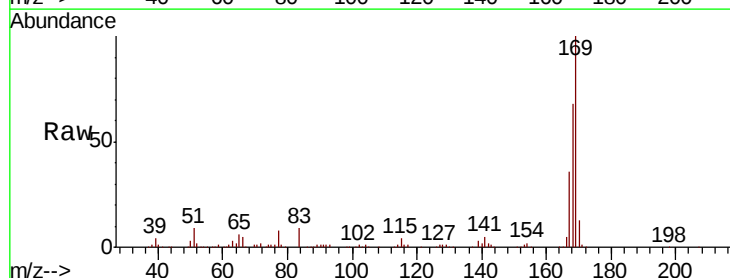
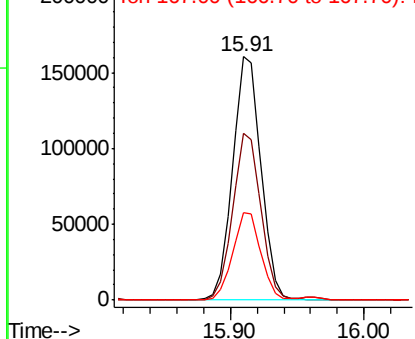
Delta R.T. -0.01 min

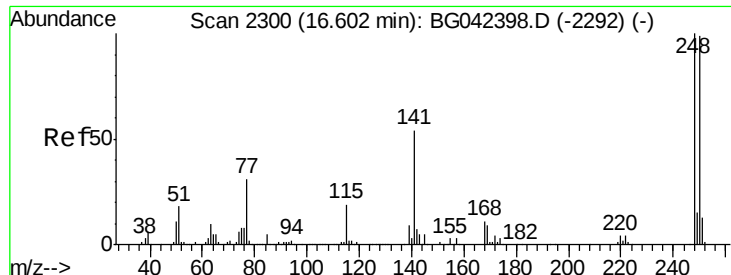
Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	169	Resp:	237273
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.3	81.5
167	35.9	28.2	42.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





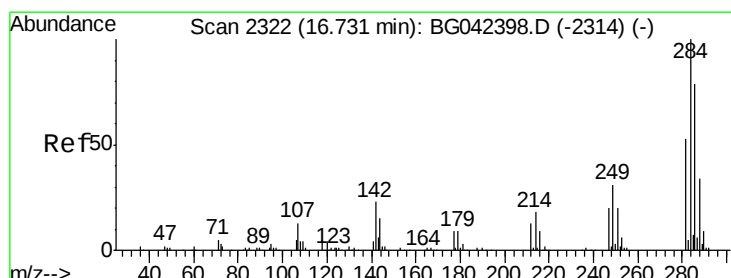
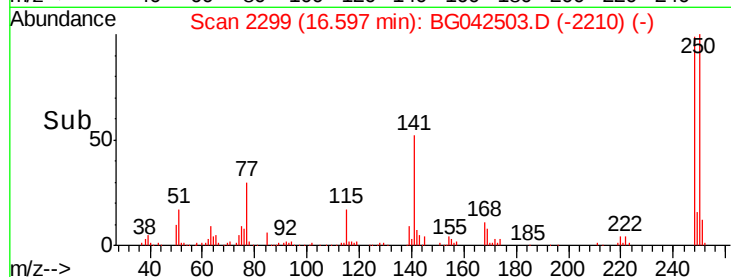
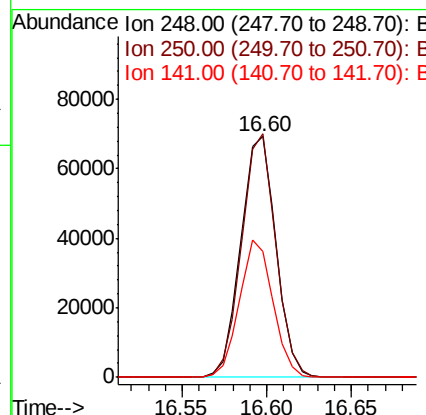
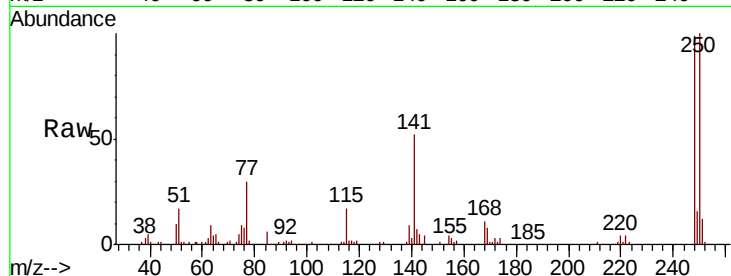
#67
 4-Bromophenyl-phenylether
 Concen: 38.341 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.1	78.9	118.3
141	52.4	43.3	64.9

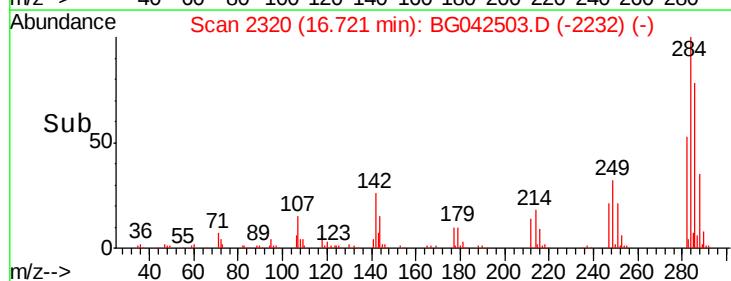
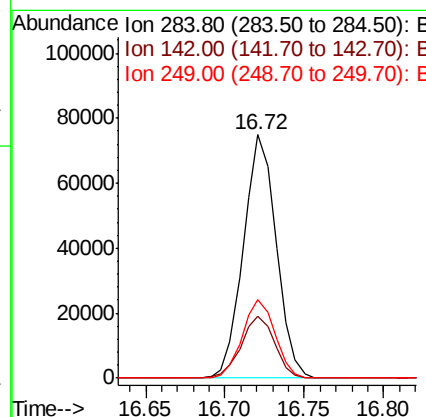
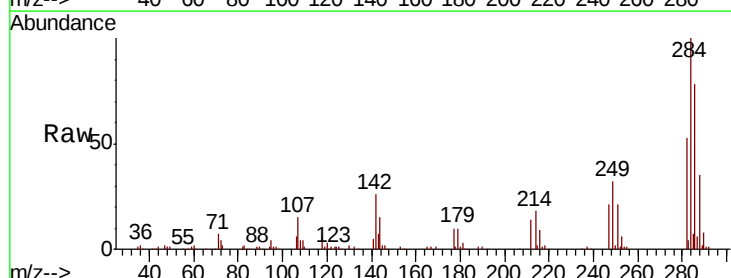
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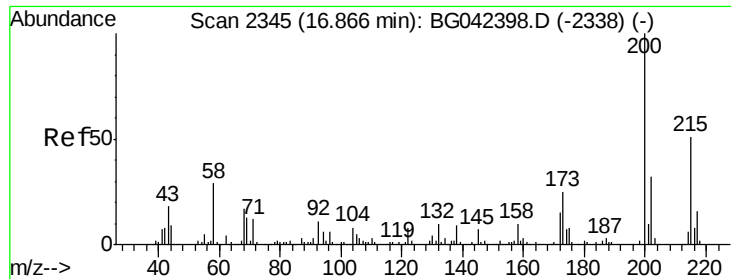
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#68
 Hexachlorobenzene
 Concen: 37.740 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	18.2	27.4
249	32.3	25.0	37.4





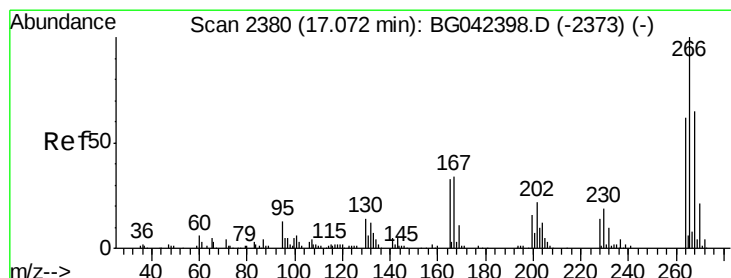
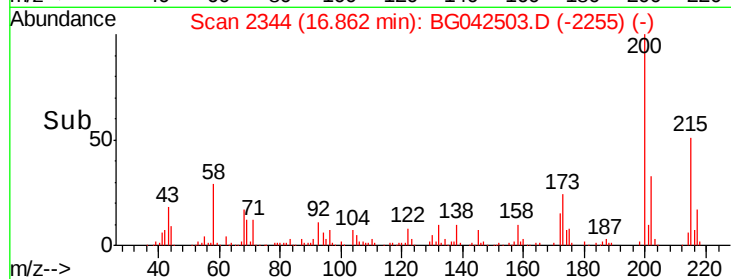
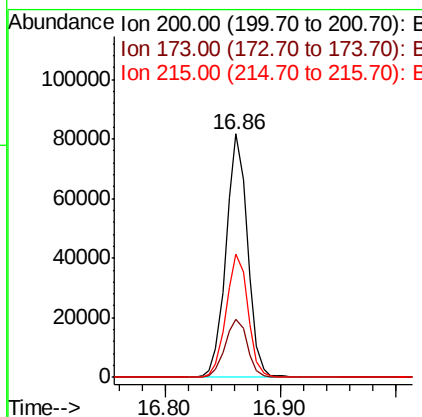
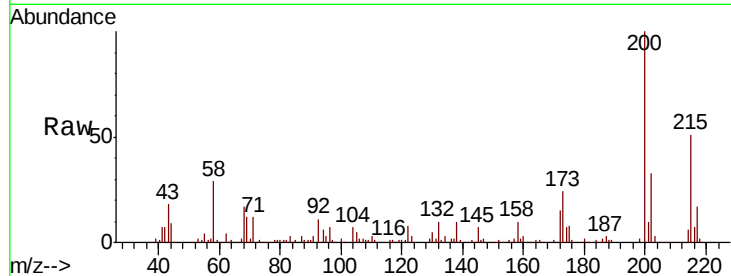
#69
 Atrazine
 Concen: 52.332 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	4.9	44.9
215	50.7	30.7	70.7

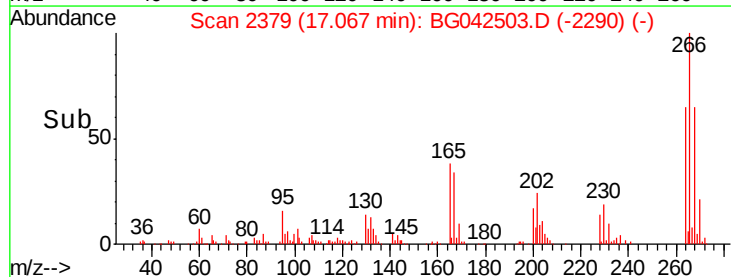
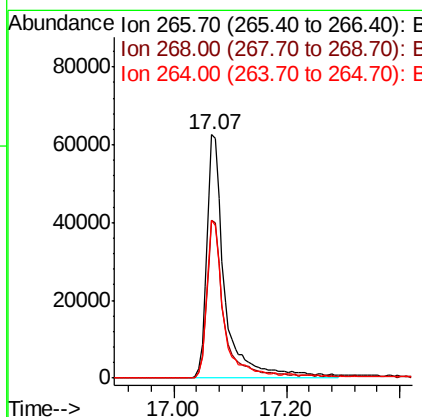
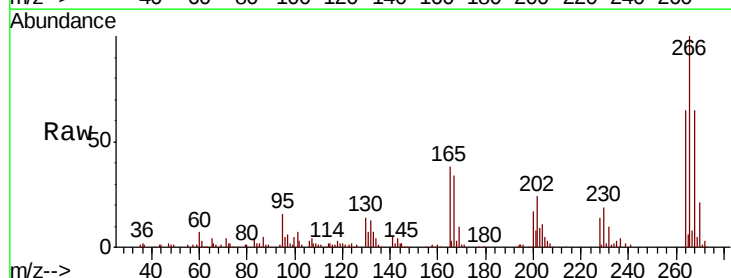
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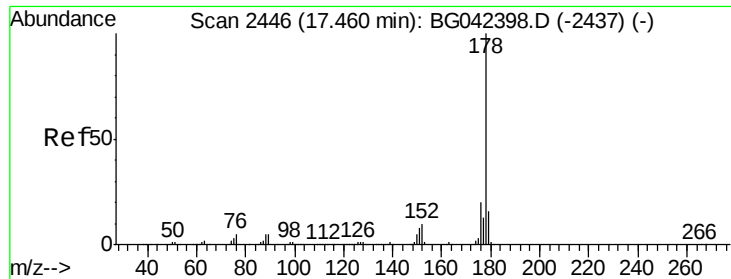
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#70
 Pentachlorophenol
 Concen: 94.500 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.9	52.1	78.1
264	64.8	49.4	74.2





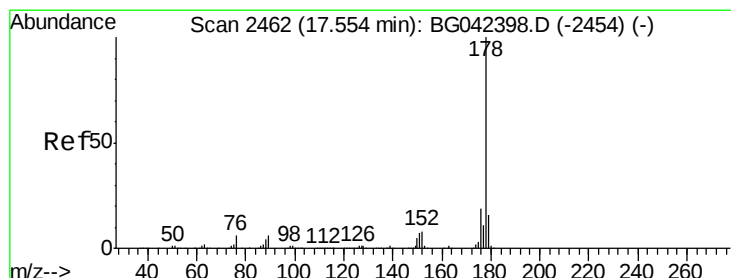
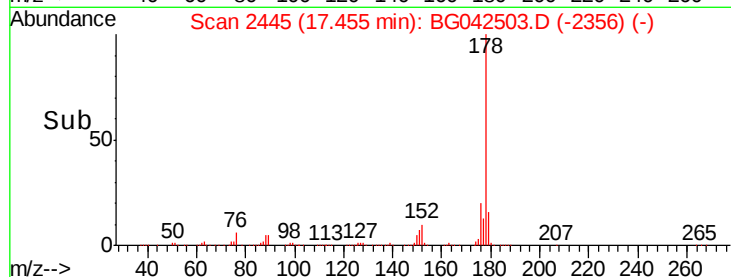
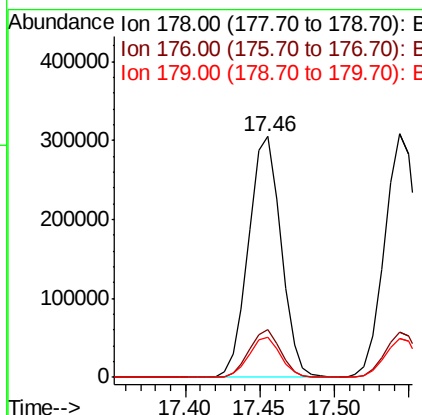
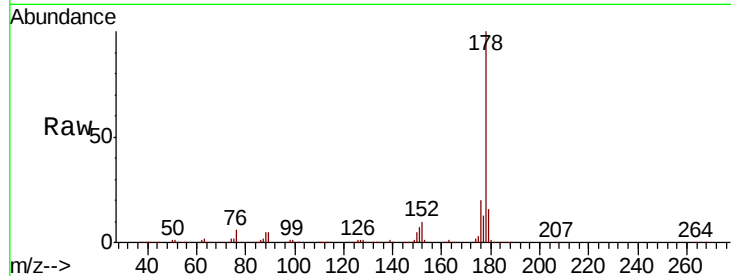
#71
Phenanthrene
Concen: 44.703 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.4	12.7	19.1

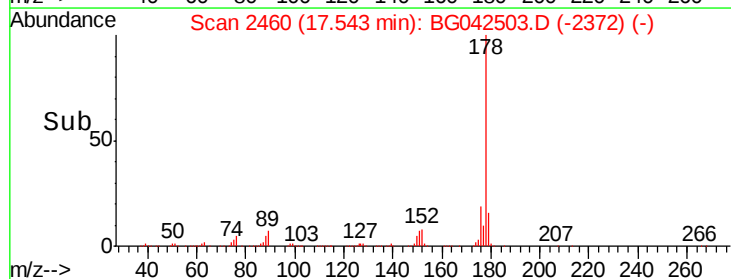
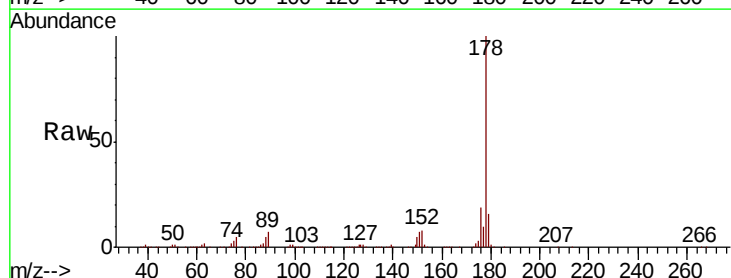
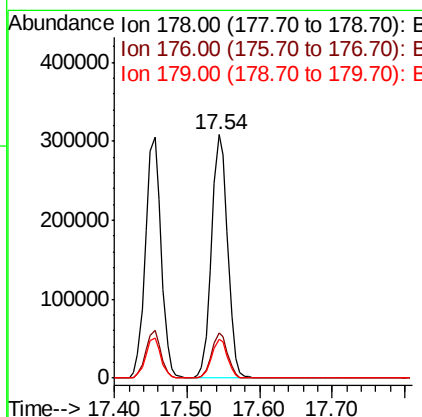
Manual Integrations
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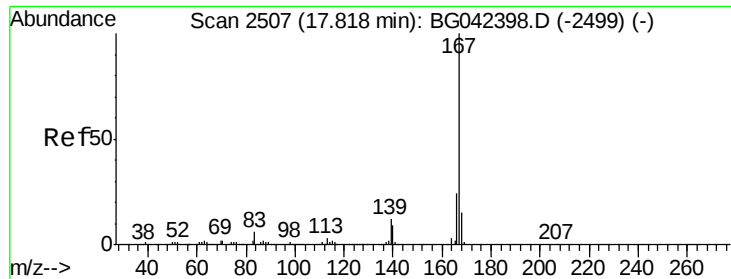
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#72
Anthracene
Concen: 46.595 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.1	12.9	19.3





#73

Carbazole

Concen: 51.274 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

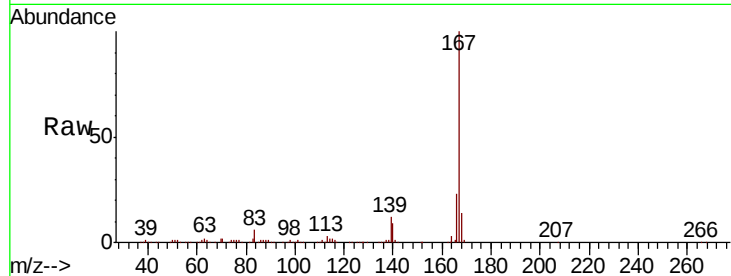
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	167	Resp:	468752
Ion Ratio	Lower	Upper	
167	100		
166	22.7	18.9	28.3
139	11.5	9.8	14.6

Manual Integrations
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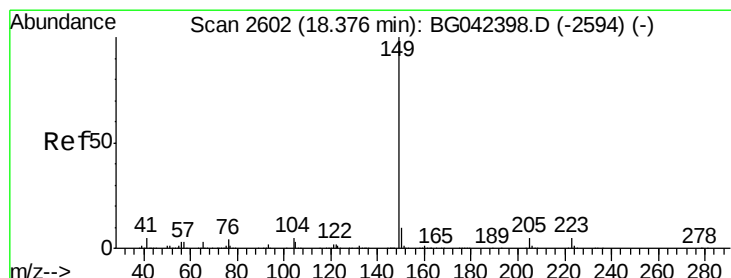
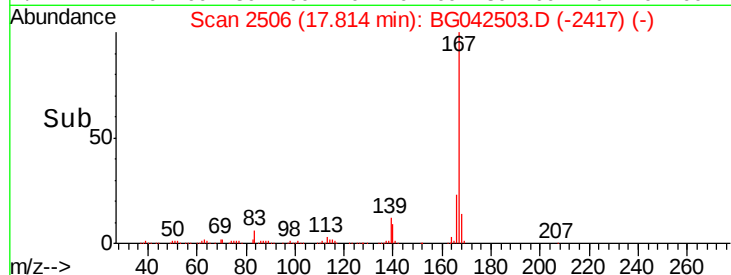
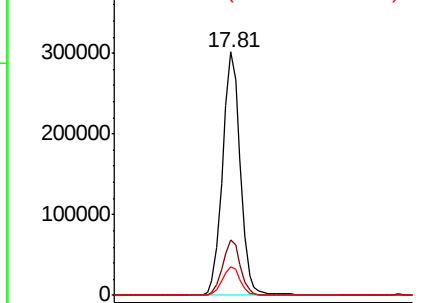


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.669 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

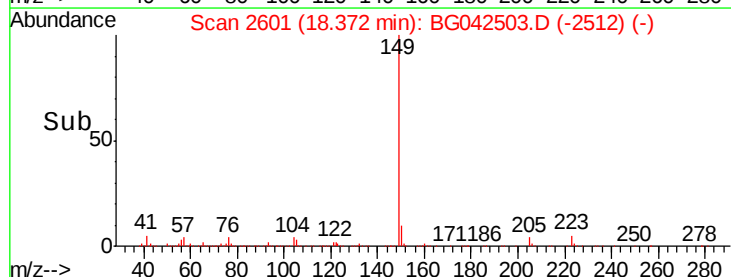
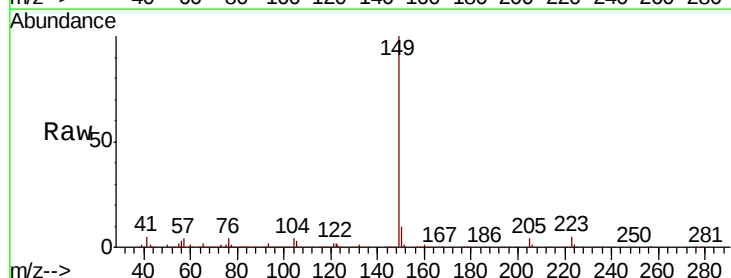
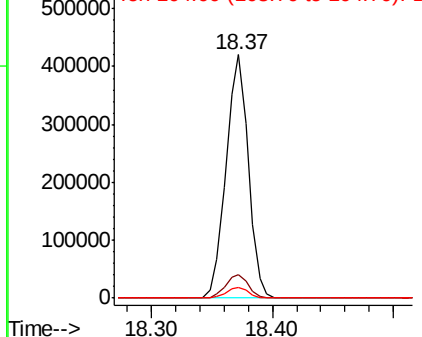
Tgt Ion:	149	Resp:	536754
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.1	12.1
104	4.3	3.7	5.5

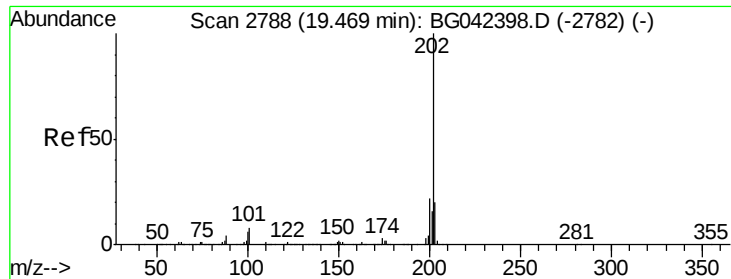
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.643 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

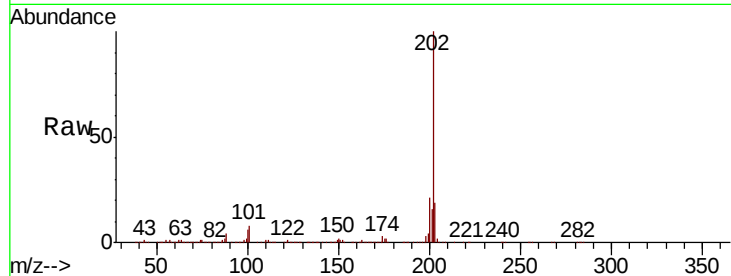
ClientSampleId :

TP-1(1-3)MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	697762		
101	7.7	0.0	28.3	
203	18.8	0.0	39.6	

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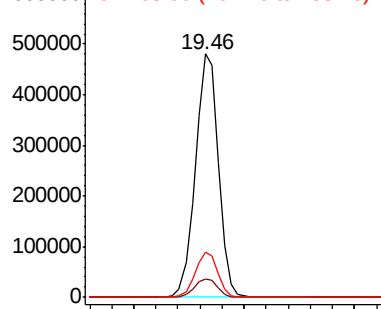


Abundance

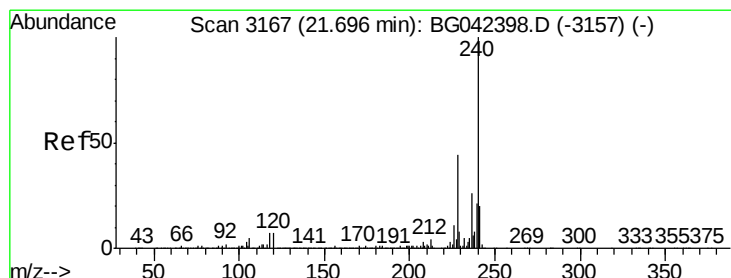
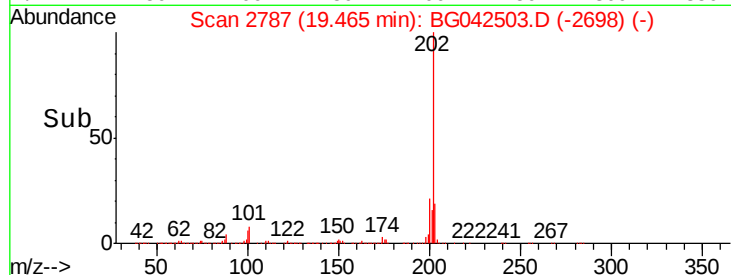
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

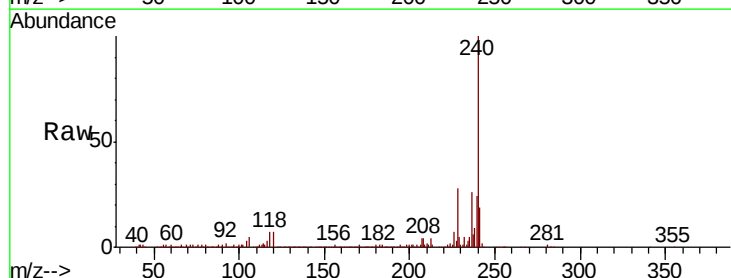
RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	283876		
120	7.2	5.7	8.5	
236	26.3	21.0	31.4	

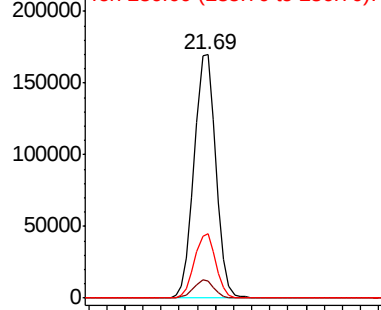


Abundance

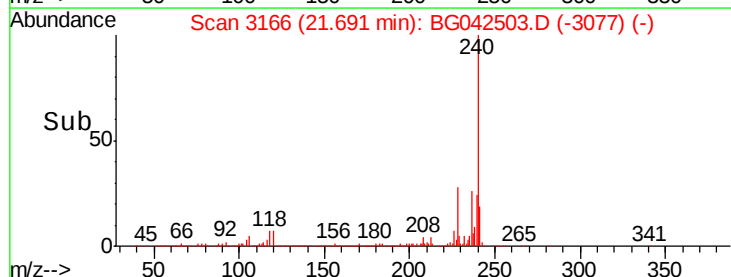
Ion 240.00 (239.70 to 240.70): E

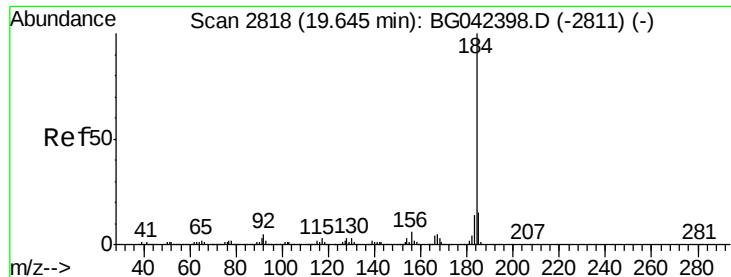
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 43.474 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

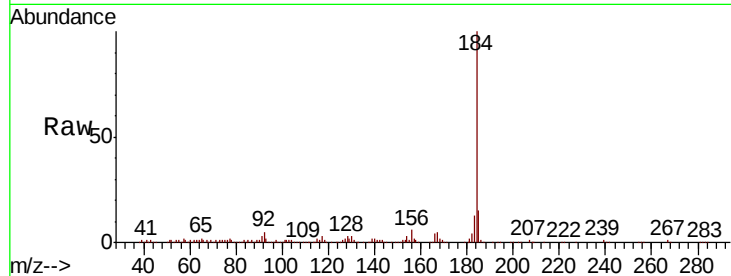
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	184	Resp:	353826
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.2	18.4
183	12.9	10.8	16.2

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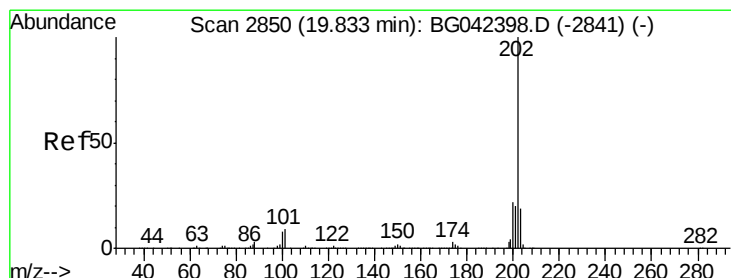
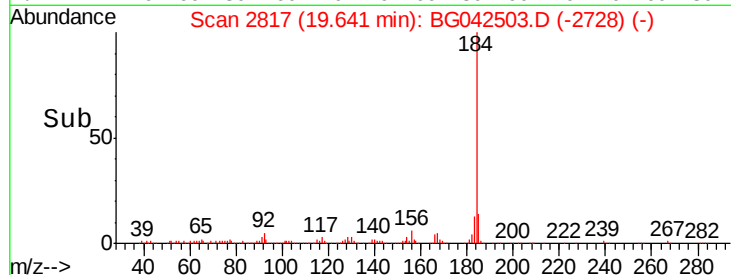
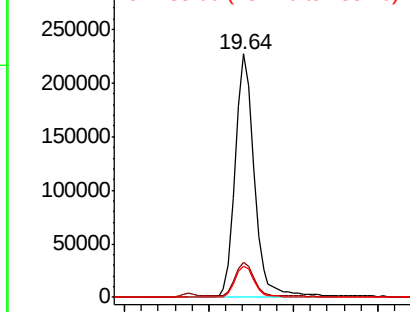


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.035 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

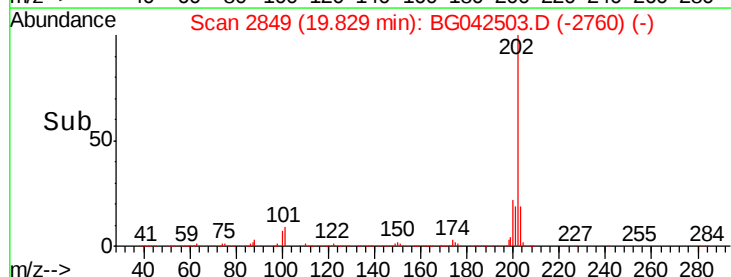
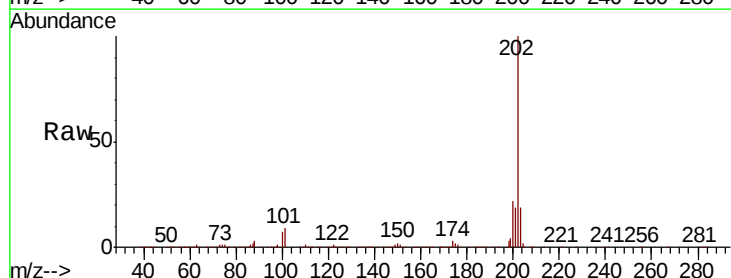
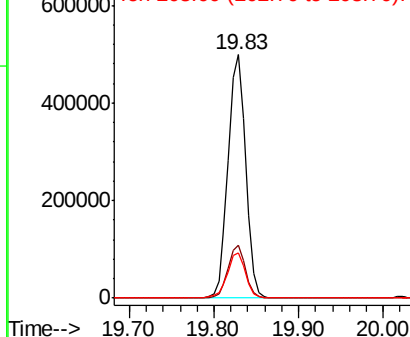
Tgt Ion:	202	Resp:	714178
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.8	26.6
203	18.6	15.5	23.3

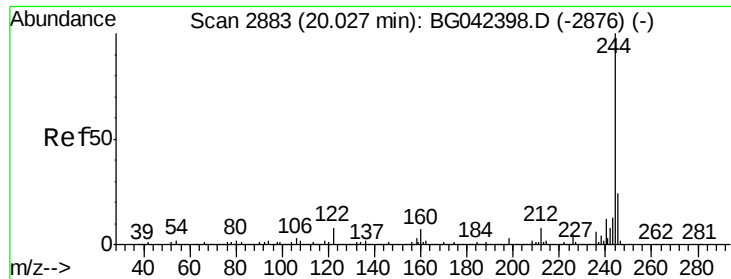
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





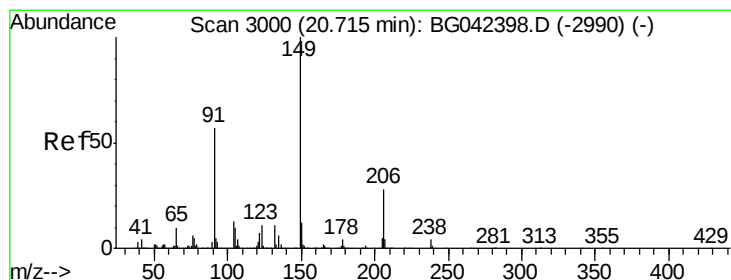
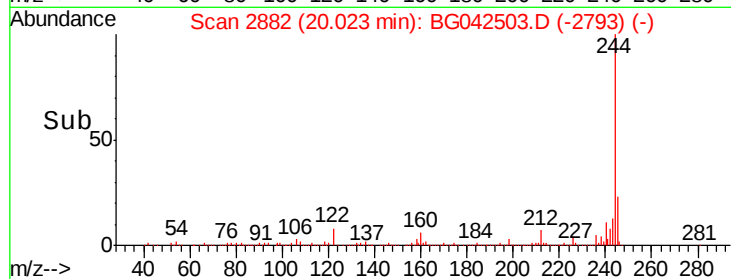
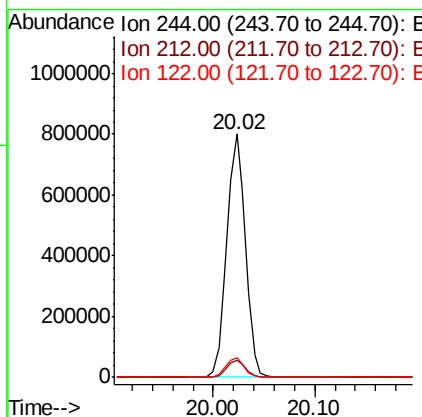
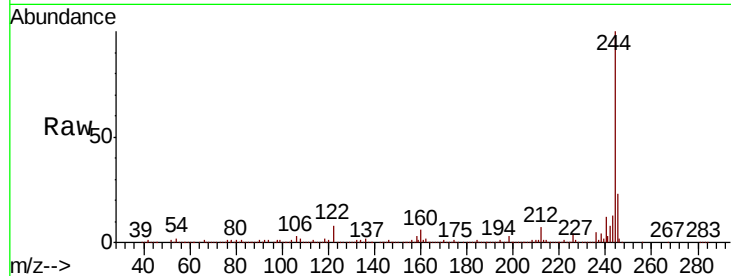
#79
 Terphenyl-d14
 Concen: 77.870 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampled :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.9	6.7	10.1

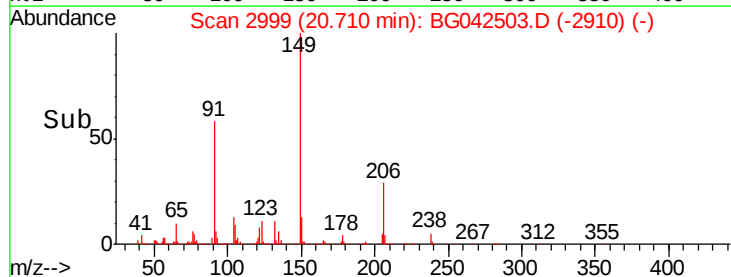
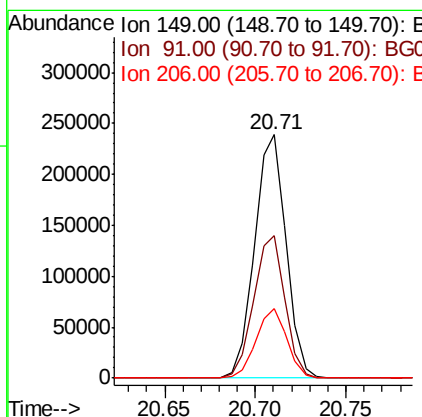
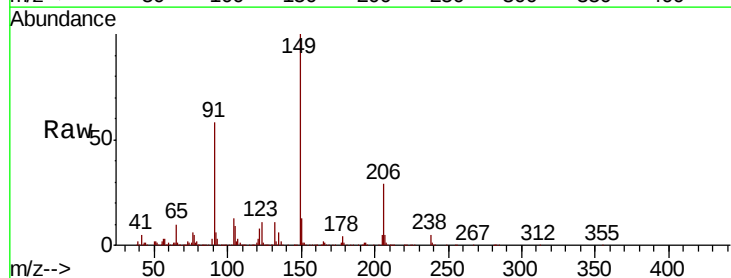
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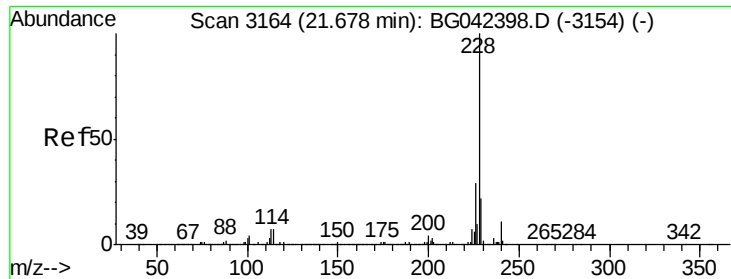
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#80
 Butylbenzylphthalate
 Concen: 42.438 ng
 RT: 20.71 min Scan# 2999
 Delta R.T. -0.00 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	58.4	45.9	68.9
206	28.7	22.5	33.7





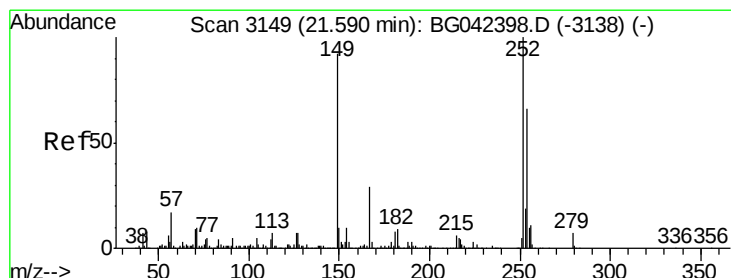
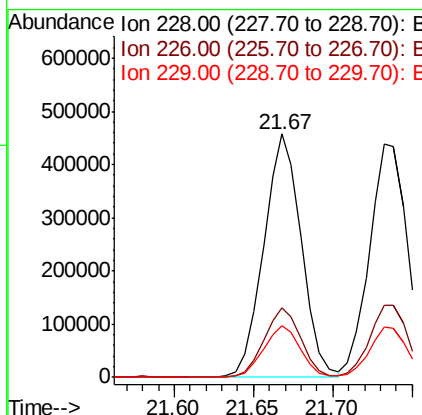
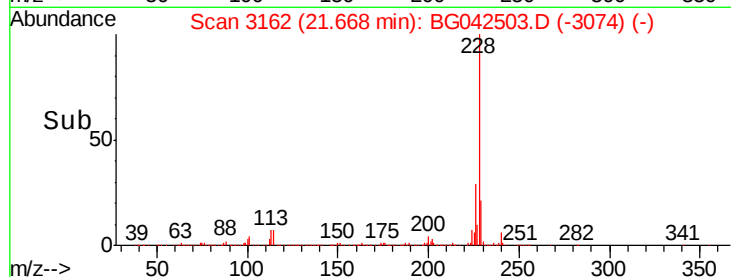
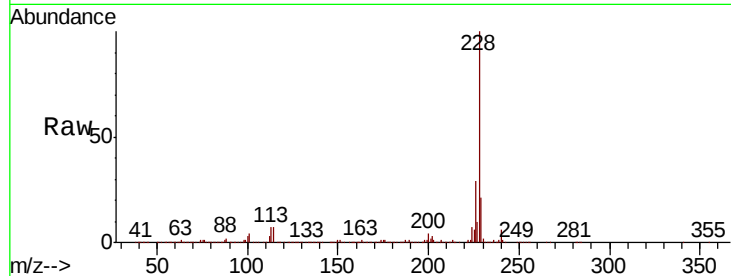
#81
Benzo(a)anthracene
Concen: 43.472 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.4	17.4	26.2

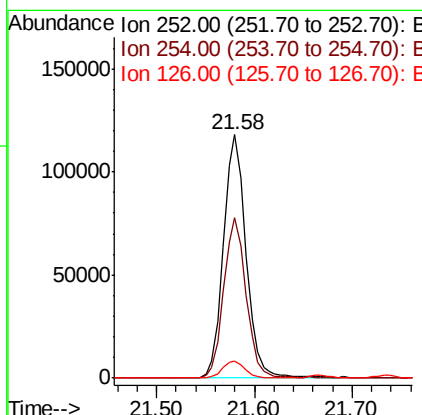
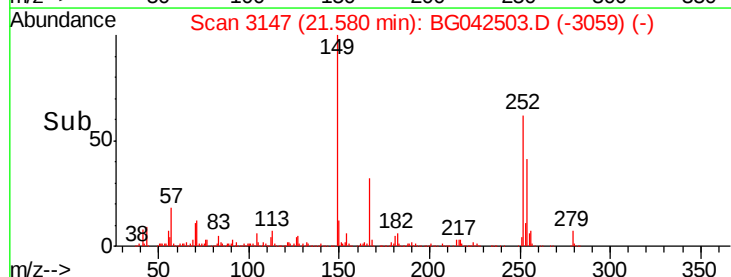
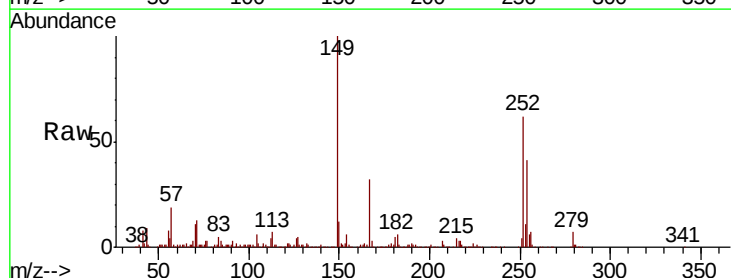
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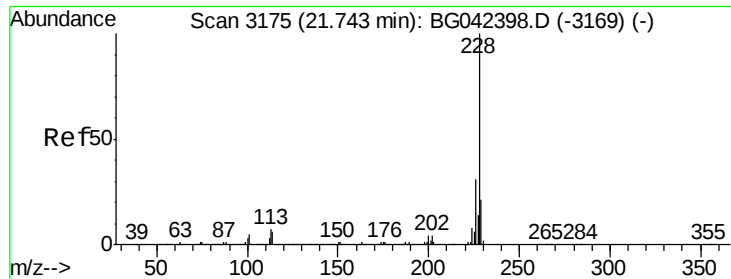
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#82
3,3'-Dichlorobenzidine
Concen: 27.341 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.0	79.4
126	6.9	5.7	8.5





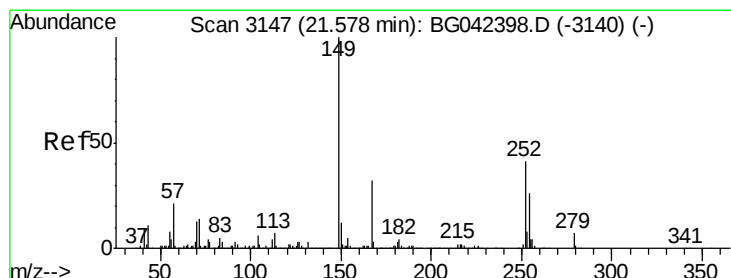
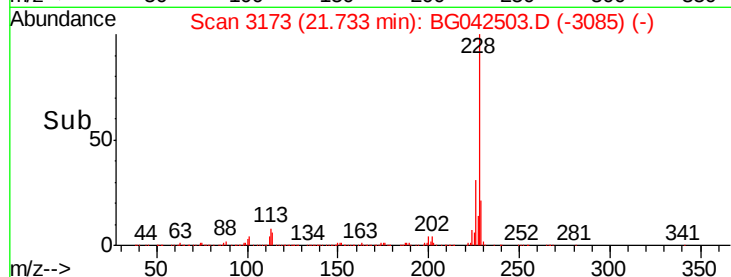
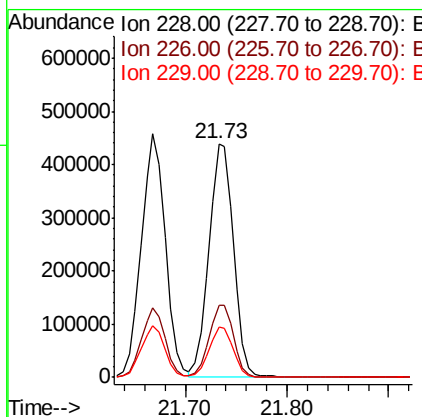
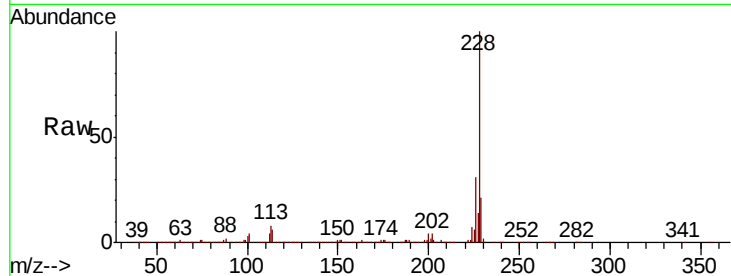
#83
 Chrysene
 Concen: 44.012 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.3	16.9	25.3

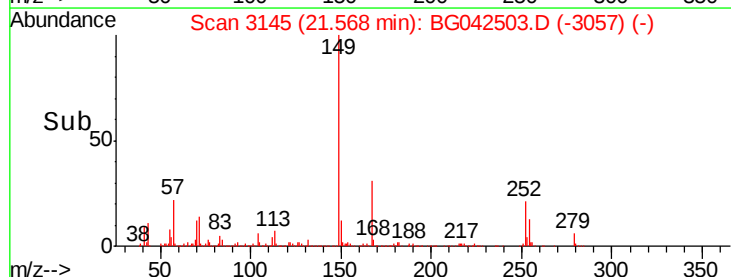
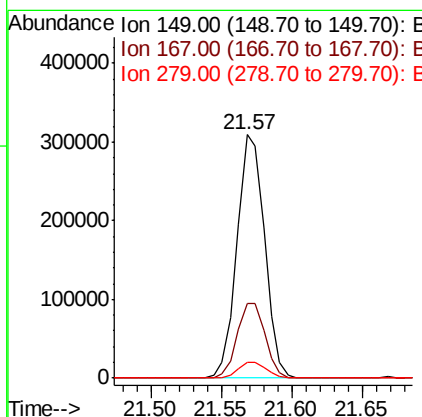
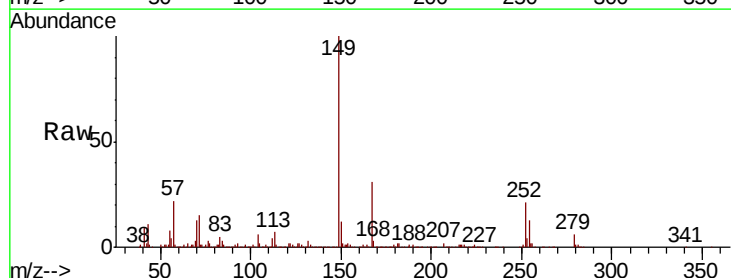
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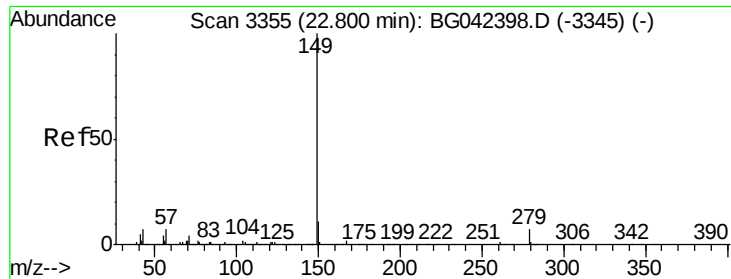
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.333 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042503.D
 Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	26.0	39.0
279	6.3	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 46.035 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

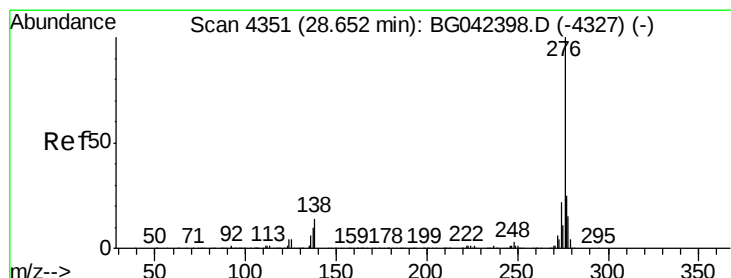
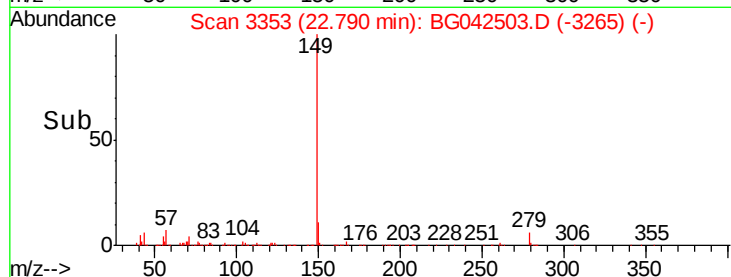
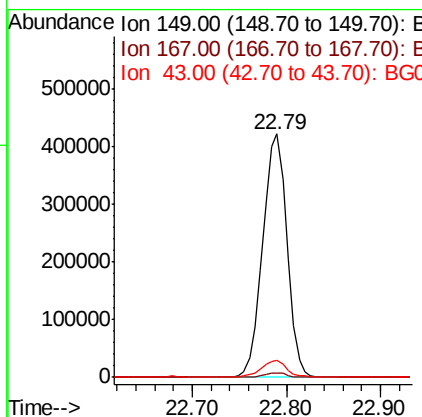
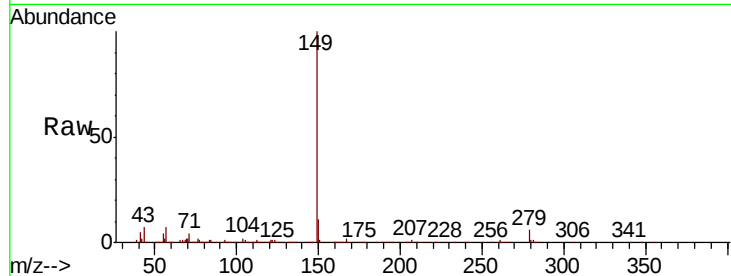
ClientSampled :

TP-1(1-3)MS

Tot Ion:	149	Resp:	752532
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.6	2.4
43	6.6	5.3	7.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.726 ng

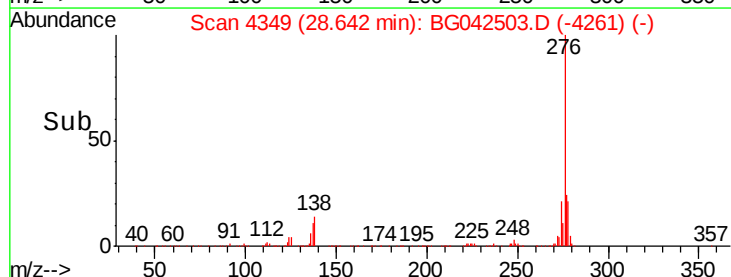
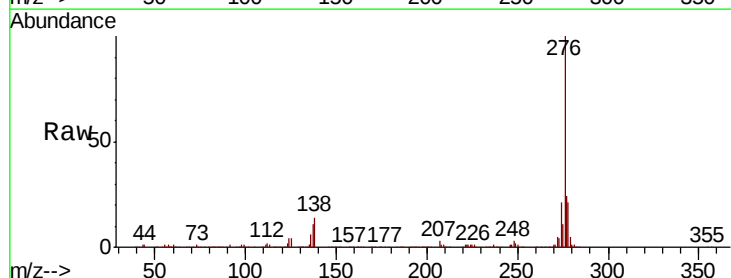
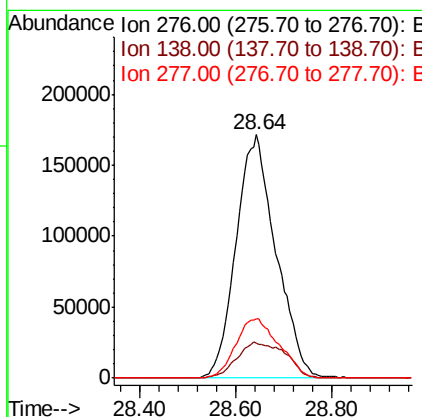
RT: 28.64 min Scan# 4349

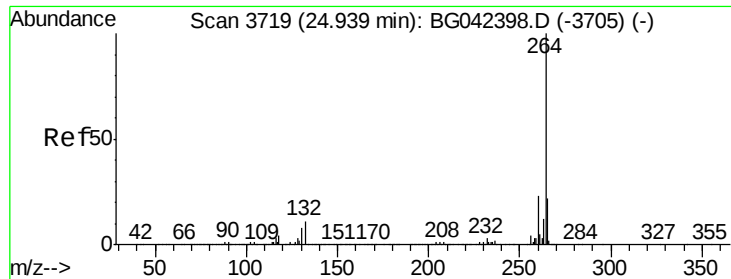
Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	276	Resp:	989630
Ion Ratio	Lower	Upper	
276	100		
138	18.1	9.2	13.8#
277	26.6	21.0	31.6





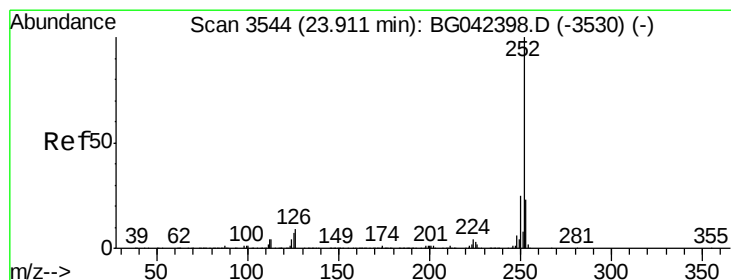
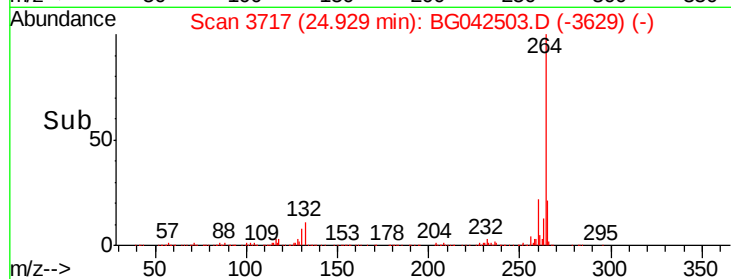
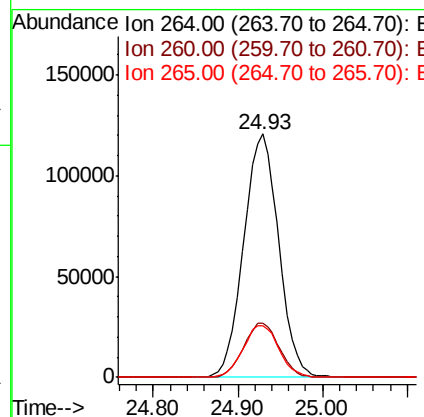
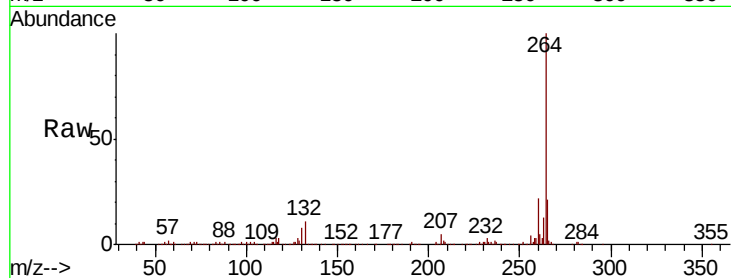
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampleId :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	21.2	17.6	26.4

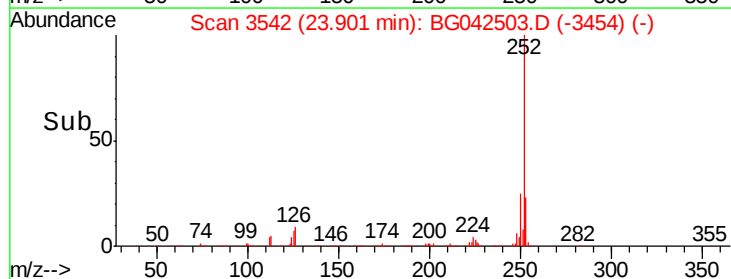
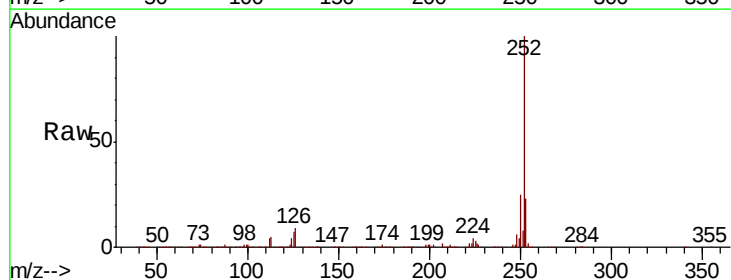
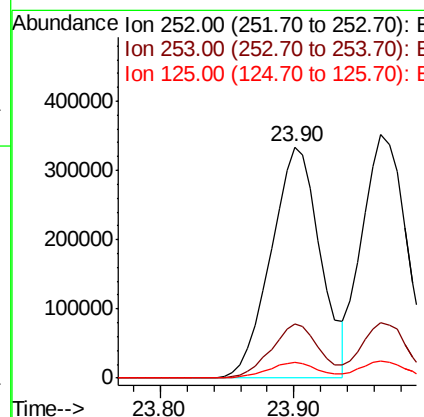
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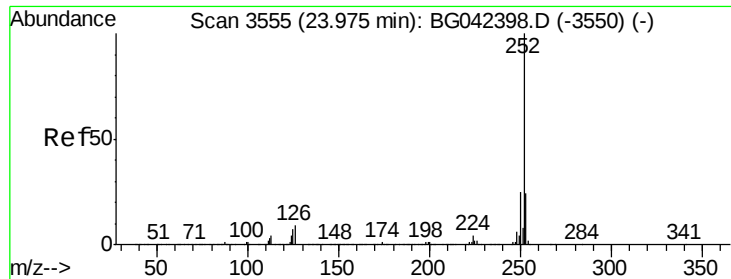
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#88
Benzo(b)fluoranthene
Concen: 44.896 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	6.9	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 44.222 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Instrument :

BNA_G

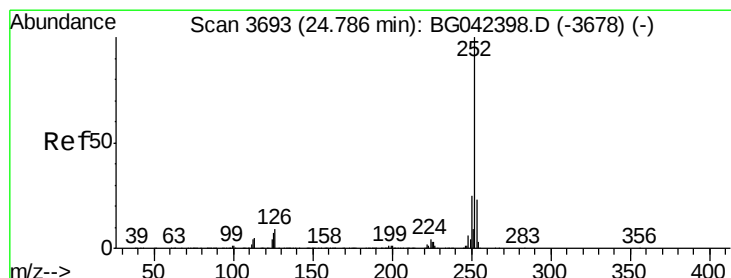
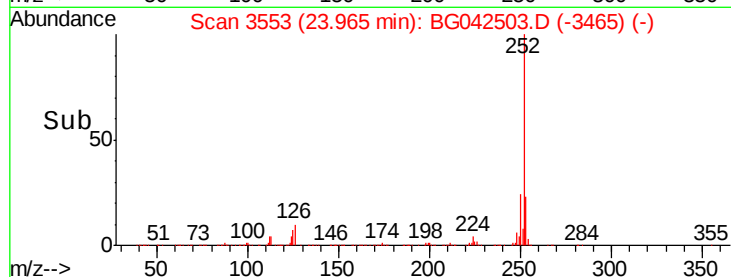
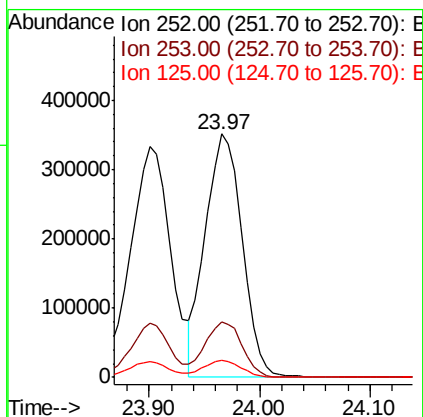
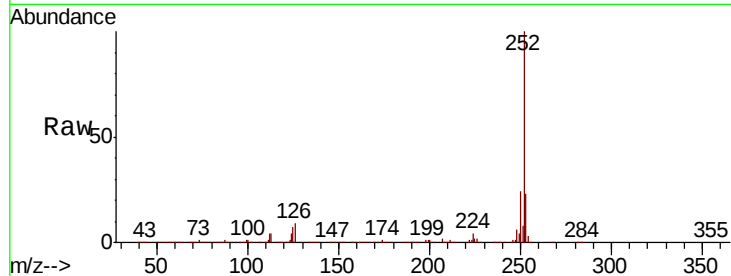
ClientSampleId :

TP-1(1-3)MS

Tot Ion:	252	Resp:	810369
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.6	27.8
125	7.2	5.8	8.6

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.045 ng

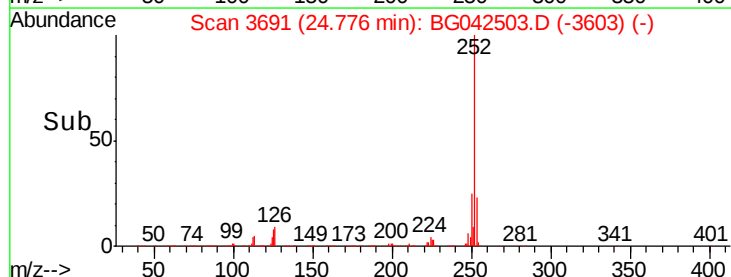
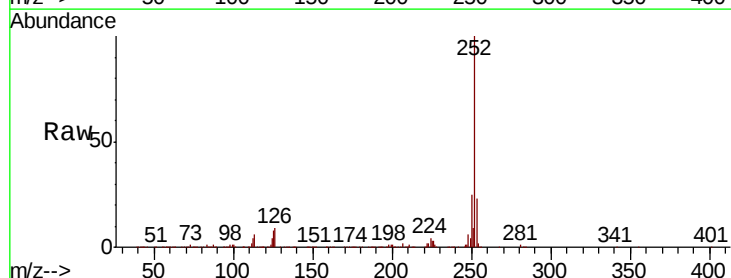
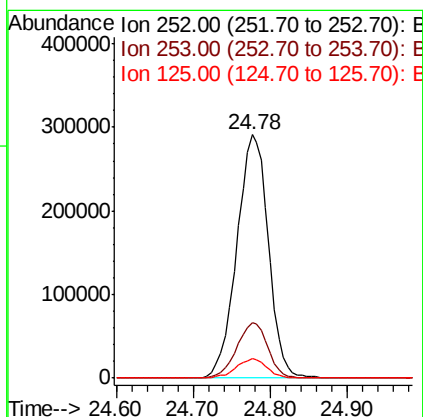
RT: 24.78 min Scan# 3691

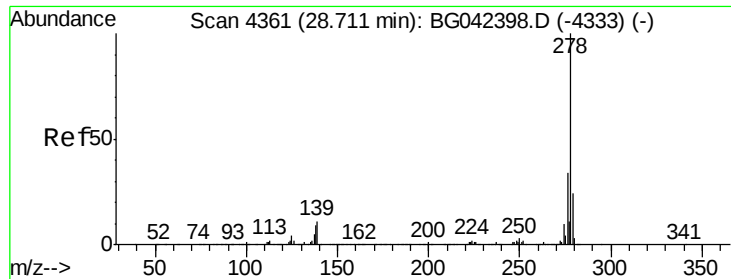
Delta R.T. -0.01 min

Lab File: BG042503.D

Acq: 26 Aug 2019 17:48

Tgt Ion:	252	Resp:	832965
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	8.1	6.0	9.0





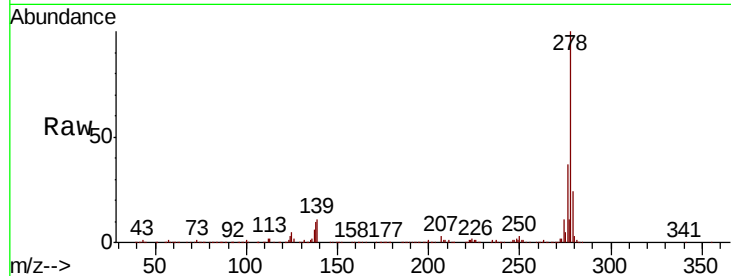
#91
Dibenzo(a,h)anthracene
Concen: 44.846 ng
RT: 28.70 min Scan# 4358
Delta R.T. -0.02 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Instrument :
BNA_G
ClientSampled :
TP-1(1-3)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.0	8.8	13.2
279	24.4	19.1	28.7

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:51:42 AM

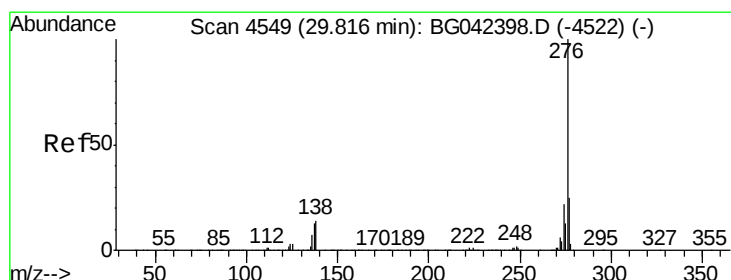
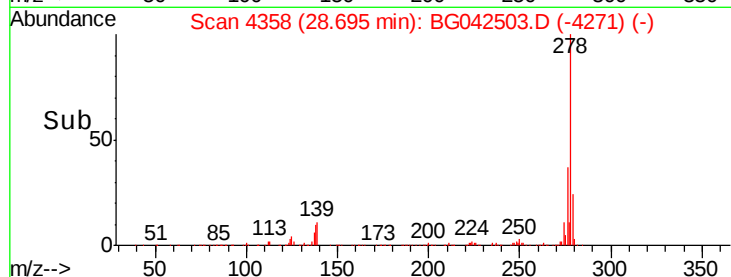
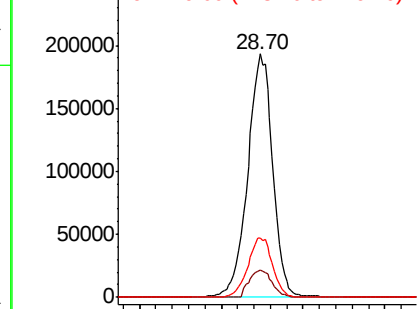


Abundance

Ion 278.00 (277.70 to 278.70): E

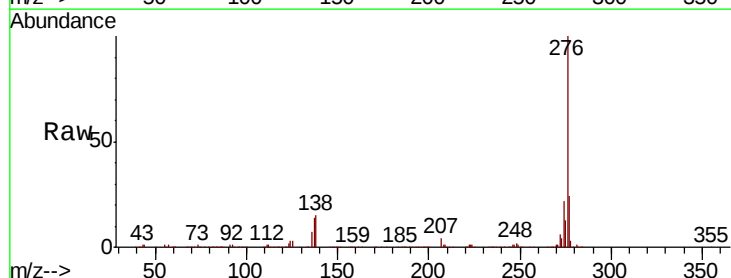
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.405 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042503.D
Acq: 26 Aug 2019 17:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	15.1	11.4	17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

