

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042456.D
 Acq On : 24 Aug 2019 7:41
 Operator : HP/JU
 Sample : K4477-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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 8/26/2019 2:02:09 PM

Quant Time: Aug 26 05:21:08 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	66237	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	253359	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	178383	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	386756	20.00	ng	0.00
76) Chrysene-d12	21.69	240	380706	20.00	ng	0.00
87) Perylene-d12	24.94	264	451573	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	458716	140.26	ng	0.00
7) Phenol-d6	7.17	99	623382	141.11	ng	0.00
23) Nitrobenzene-d5	9.17	82	355205	96.88	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	298248	117.63	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	885274	83.93	ng	0.00
79) Terphenyl-d14	20.02	244	1414876	80.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	49102	35.976	ng	94
3) Pyridine	3.82	79	122920	35.122	ng	97
4) n-Nitrosodimethylamine	3.74	42	52443	41.955	ng	94
6) Aniline	7.32	93	169392	28.748	ng	97
8) 2-Chlorophenol	7.57	128	170700	43.067	ng	96
9) Benzaldehyde	7.13	77	62286	28.162	ng	94
10) Phenol	7.20	94	205870	45.834	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	146030	41.397	ng	99
12) 1,3-Dichlorobenzene	7.89	146	193254	38.327	ng	98
13) 1,4-Dichlorobenzene	8.04	146	196961	38.564	ng	95
14) 1,2-Dichlorobenzene	8.36	146	185472	37.920	ng	98
15) Benzyl Alcohol	8.24	79	128847	40.540	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	201989	42.246	ng	97
17) 2-Methylphenol	8.45	107	139567	42.186	ng	95
18) Hexachloroethane	9.09	117	64174	36.703	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	112781	39.406	ng	97
20) 3+4-Methylphenols	8.78	107	190685	41.653	ng	99
22) Acetophenone	8.83	105	236372	43.620	ng	# 99
24) Nitrobenzene	9.21	77	165494	44.575	ng	99
25) Isophorone	9.74	82	307477	42.495	ng	98
26) 2-Nitrophenol	9.93	139	99292	42.677	ng	98
27) 2,4-Dimethylphenol	9.99	122	159143	49.656	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	196424	43.071	ng	99
29) 2,4-Dichlorophenol	10.48	162	183503	43.762	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	204285	39.691	ng	99
31) Naphthalene	10.88	128	513247	43.633	ng	99
32) Benzoic acid	10.15	122	86855	39.155	ng	98
33) 4-Chloroaniline	10.99	127	130694	24.069	ng	98
34) Hexachlorobutadiene	11.16	225	131530	38.025	ng	99
35) Caprolactam	11.75	113	59330m	42.404	ng	
36) 4-Chloro-3-methylphenol	12.11	107	173955	43.701	ng	99
37) 2-Methylnaphthalene	12.49	142	400925	42.448	ng	99
38) 1-Methylnaphthalene	12.70	142	375130	41.813	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	245263	42.814	ng	99

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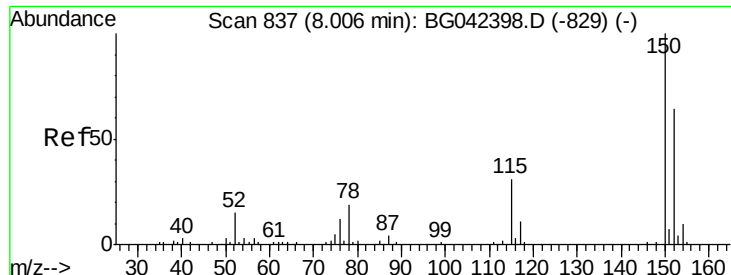
Manual Integrations
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Quant Time: Aug 26 05:21:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	122066	40.565	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	163904	42.329	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	171705	42.791	ng	97
46) 1,1'-Biphenyl	13.49	154	510138	44.241	ng	98
47) 2-Chloronaphthalene	13.54	162	417247	41.965	ng	97
48) 2-Nitroaniline	13.74	65	104795	43.708	ng	100
49) Acenaphthylene	14.38	152	661083	44.195	ng	99
50) Dimethylphthalate	14.11	163	587932	45.679	ng	99
51) 2,6-Dinitrotoluene	14.23	165	122990	41.225	ng	99
52) Acenaphthene	14.72	154	386997	42.607	ng	99
53) 3-Nitroaniline	14.57	138	96760	32.430	ng	95
54) 2,4-Dinitrophenol	14.78	184	58769	33.197	ng	95
55) Dibenzofuran	15.06	168	645619	42.942	ng	98
56) 4-Nitrophenol	14.89	139	218980	103.286	ng	99
57) 2,4-Dinitrotoluene	15.03	165	174029	40.736	ng	99
58) Fluorene	15.71	166	516071	41.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	167906m	42.313	ng	
60) Diethylphthalate	15.48	149	509851	40.522	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	292962	39.543	ng	97
62) 4-Nitroaniline	15.73	138	116160	36.376	ng	99
63) Azobenzene	15.99	77	394154	45.717	ng	95
65) 4,6-Dinitro-2-methylphenol	15.79	198	54359	22.418	ng	95
66) n-Nitrosodiphenylamine	15.92	169	475770	44.732	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	199629	40.693	ng	99
68) Hexachlorobenzene	16.73	284	207792	38.964	ng	95
69) Atrazine	16.87	200	176947	47.045	ng	96
70) Pentachlorophenol	17.07	266	249053	89.882	ng	97
71) Phenanthrene	17.46	178	849393	44.214	ng	99
72) Anthracene	17.55	178	873173	45.530	ng	98
73) Carbazole	17.82	167	768210	44.945	ng	99
74) Di-n-butylphthalate	18.37	149	893933	44.244	ng	99
75) Fluoranthene	19.47	202	1050808	44.819	ng	99
77) Benzidine	19.64	184	638640	58.510	ng	99
78) Pyrene	19.83	202	1047099	44.861	ng	98
80) Butylbenzylphthalate	20.71	149	416563	45.375	ng	98
81) Benzo(a)anthracene	21.67	228	997775	43.084	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	335745	36.047	ng	# 99
83) Chrysene	21.74	228	979158	43.840	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	581612	45.629	ng	98
85) Di-n-octyl phthalate	22.79	149	1002349	45.721	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1217601	40.115	ng	99
88) Benzo(b)fluoranthene	23.91	252	1109315	44.684	ng	99
89) Benzo(k)fluoranthene	23.97	252	1048334	43.932	ng	99
90) Benzo(a)pyrene	24.78	252	1079765	45.835	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1012875	42.465	ng	98
92) Benzo(g,h,i)perylene	29.81	276	961081	40.287	ng	98

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



#1

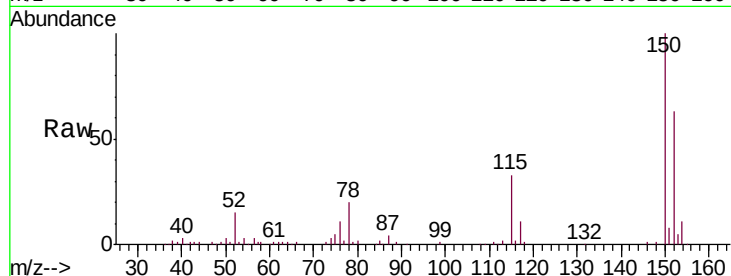
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.4	188.0
115	52.9	38.5	57.7

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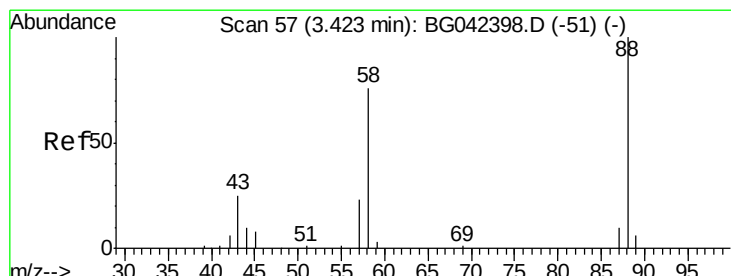
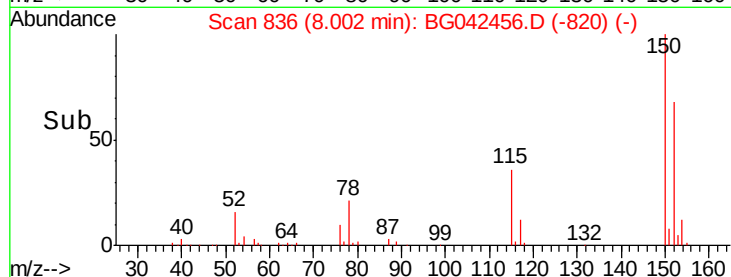
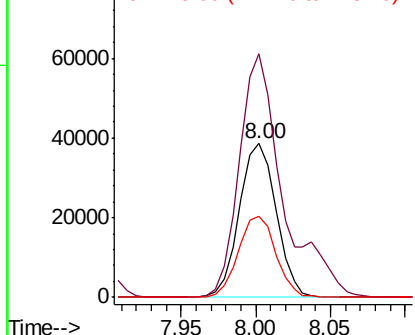


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

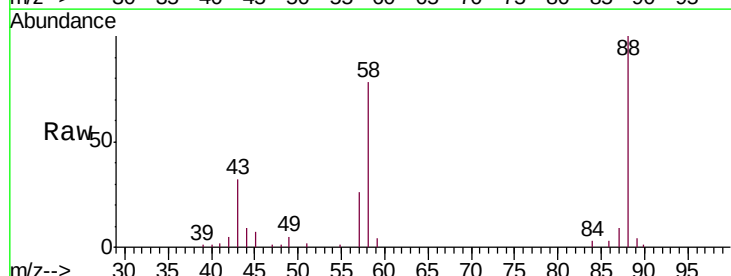
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.976 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	58.3	87.5
43	27.2	20.2	30.2

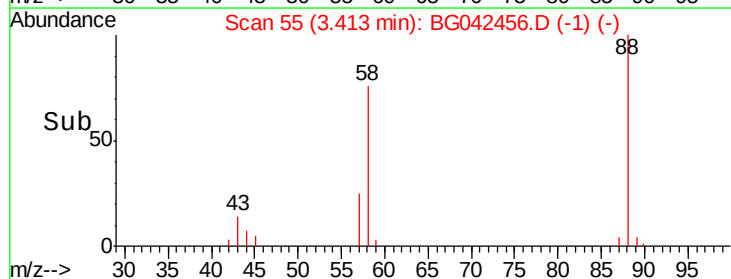
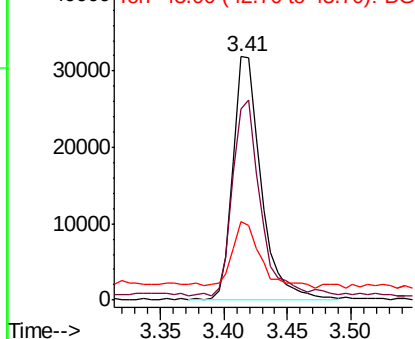


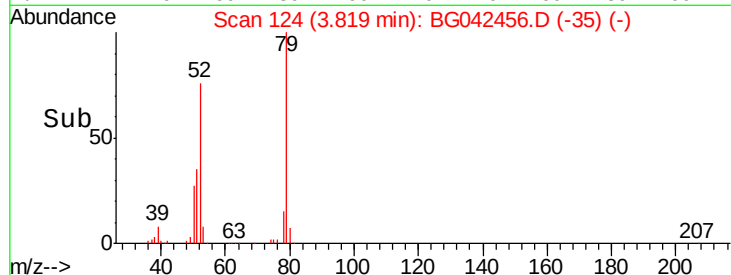
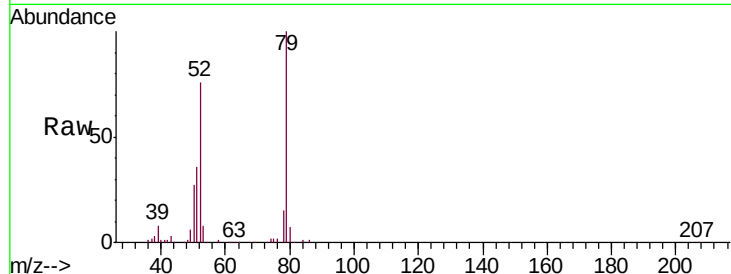
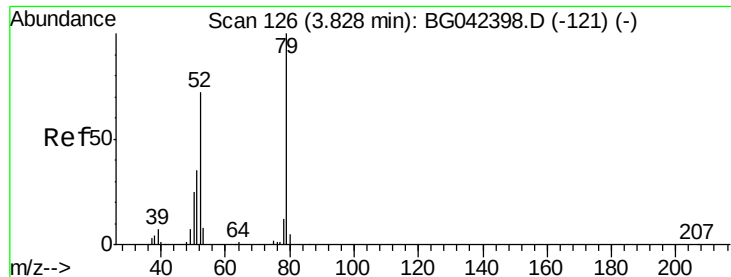
Abundance

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





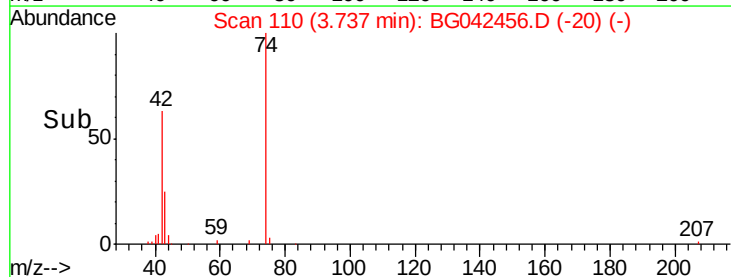
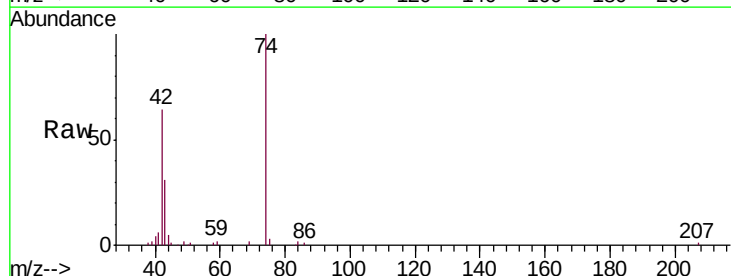
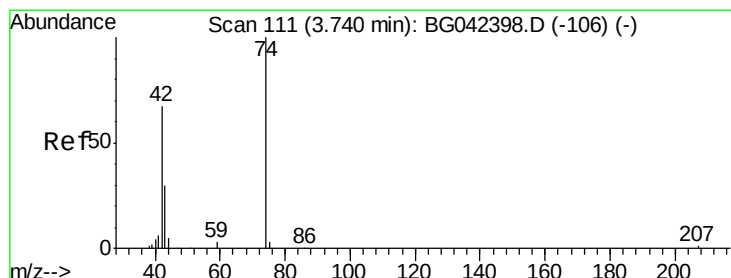
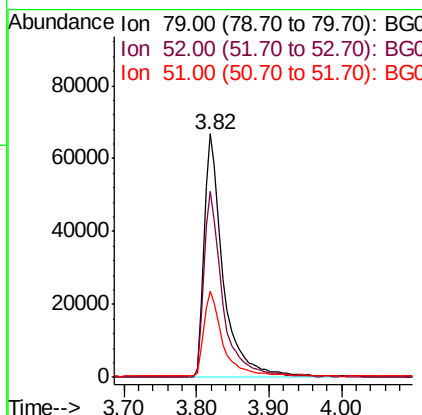
#3
 Pvridine
 Concen: 35.122 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.2	57.7	86.5
51	35.7	28.8	43.2

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

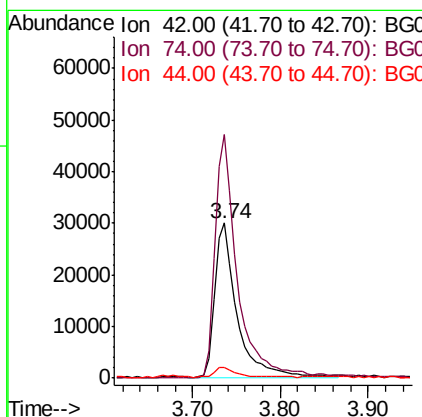
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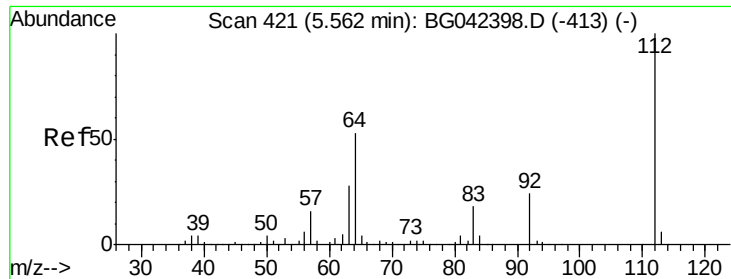
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#4
 n-Nitrosodimethylamine
 Concen: 41.955 ng
 RT: 3.74 min Scan# 110
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.3	119.6	179.4
44	7.2	6.5	9.7





#5

2-Fluorophenol

Concen: 140.259 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

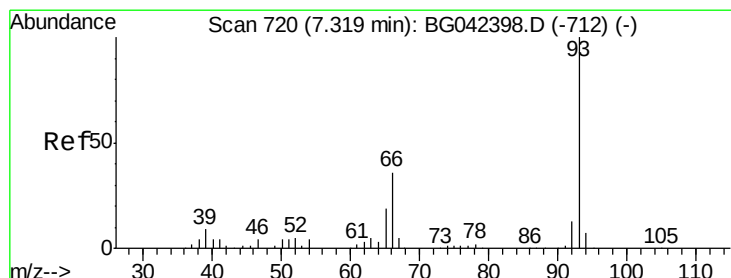
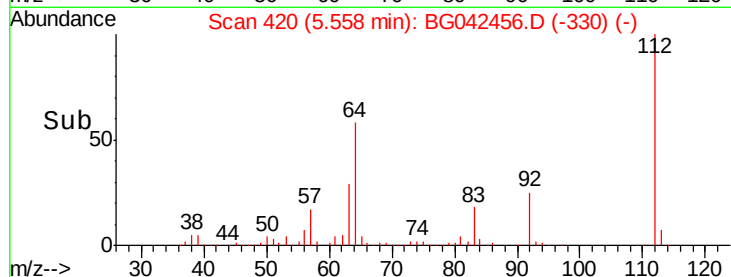
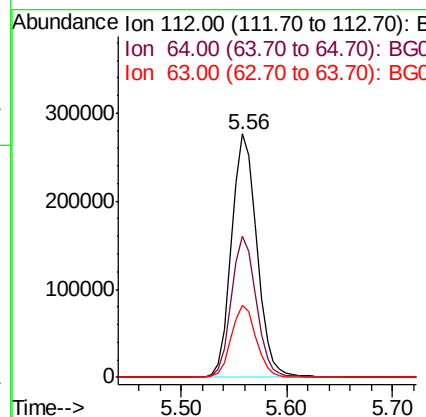
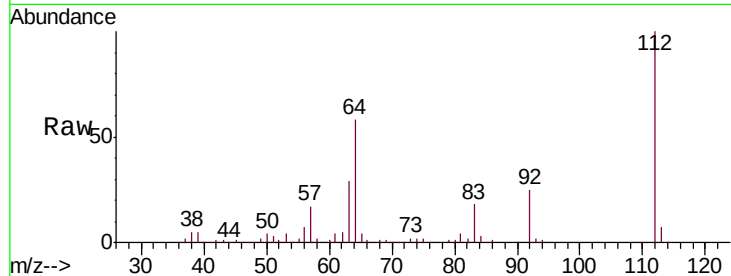
ClientSampleId :

TP-1(1-3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	458716		
64	58.0		42.8	64.2
63	29.4		22.7	34.1

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#6

Aniline

Concen: 28.748 ng

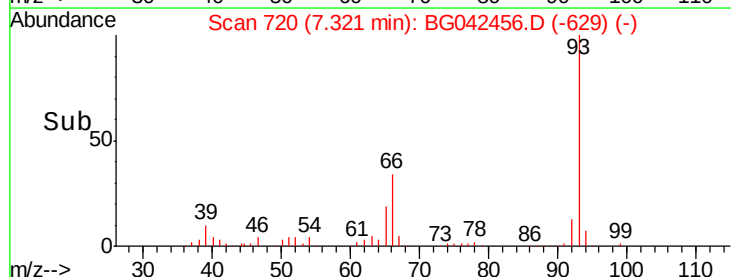
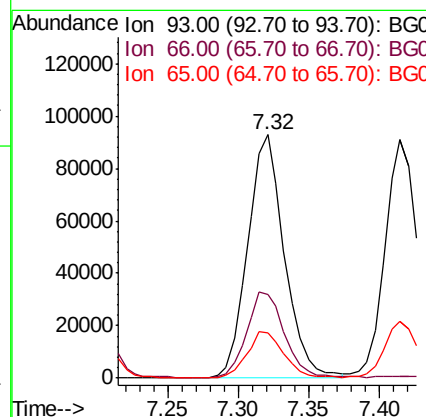
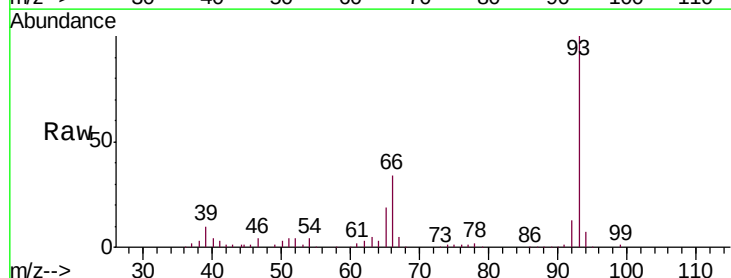
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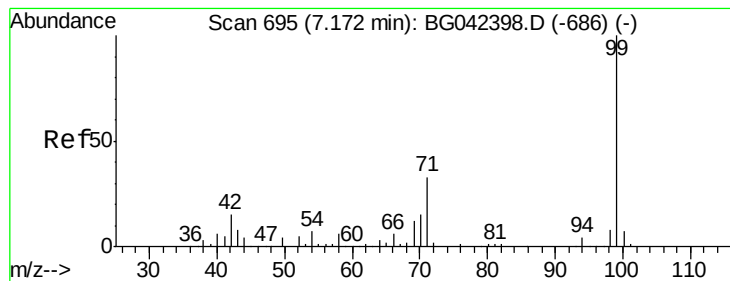
Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	169392		
66	34.1		29.0	43.6
65	18.8		15.2	22.8





#7

Phenol-d6

Concen: 141.110 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

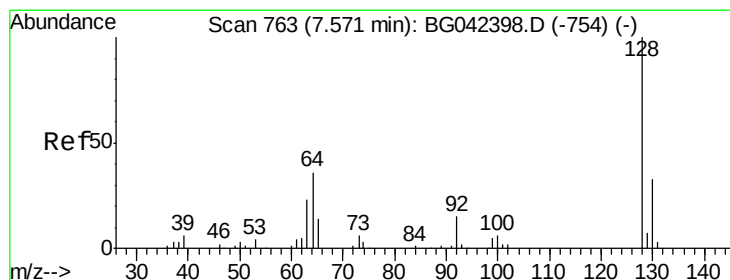
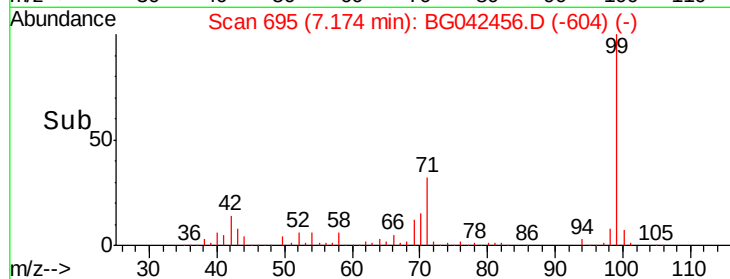
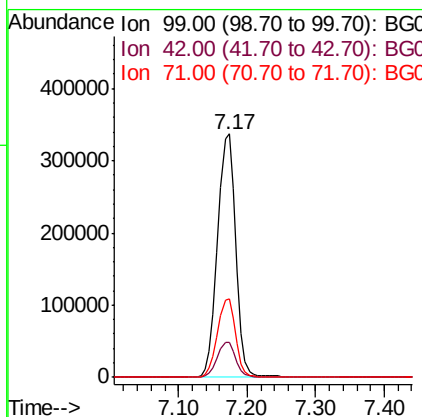
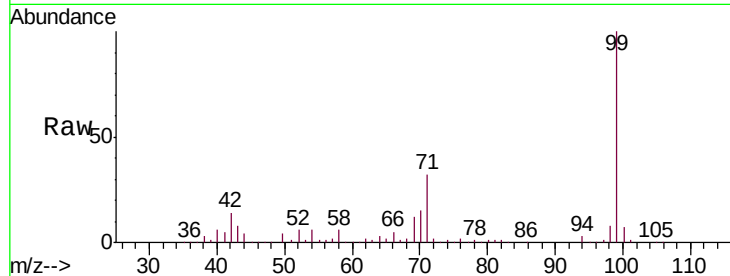
ClientSampleId :

TP-1(1-3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		623382		
42	14.5	12.0	18.0		
71	32.5	26.3	39.5		

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#8

2-Chlorophenol

Concen: 43.067 ng

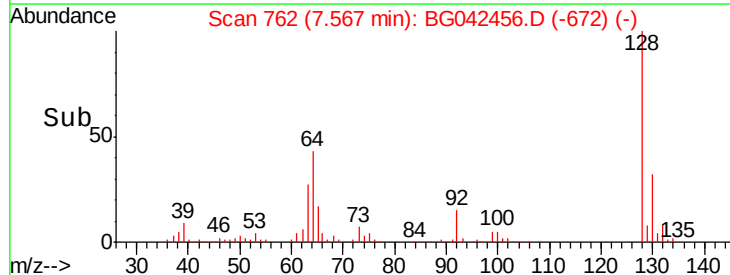
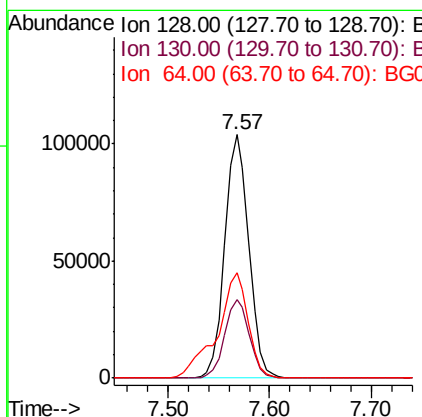
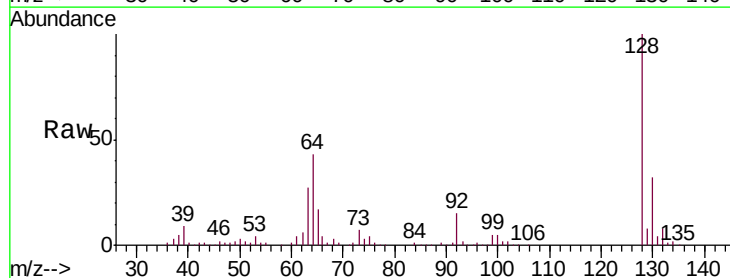
RT: 7.57 min Scan# 762

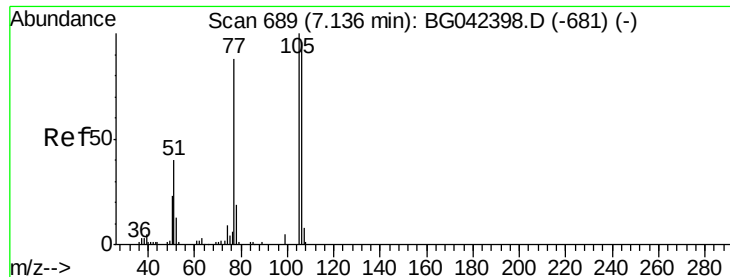
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		170700		
130	32.3	12.8	52.8		
64	43.3	19.2	59.2		





#9

Benzaldehyde

Concen: 28.162 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

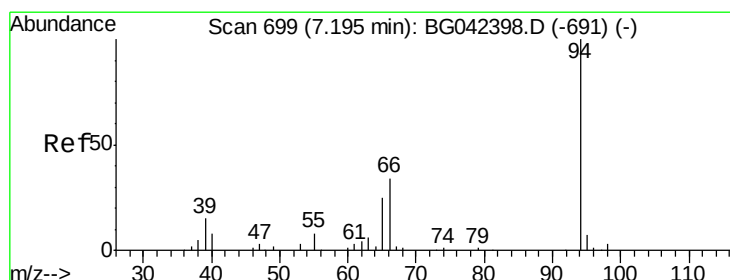
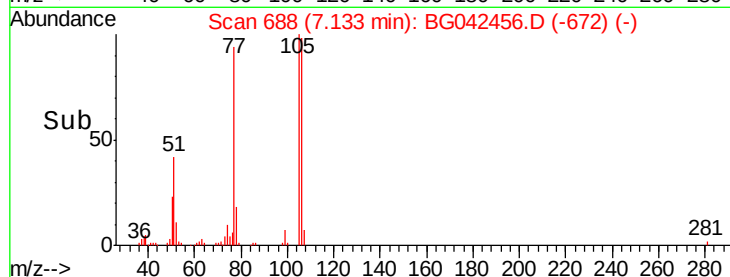
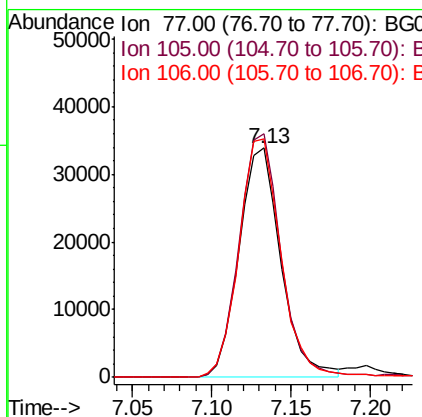
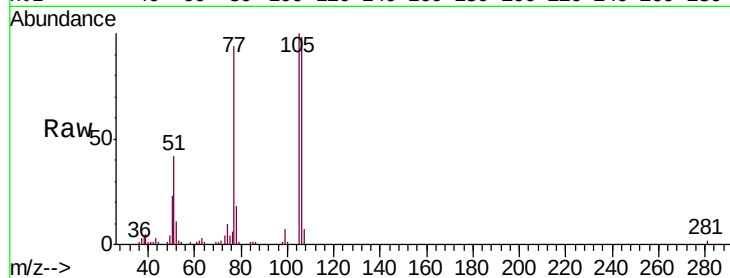
ClientSampleId :

TP-1(1-3)MSD

Tot Ion:	77	Resp:	62286
Ion	Ratio	Lower	Upper
77	100		
105	106.1	93.4	133.4
106	103.9	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 45.834 ng

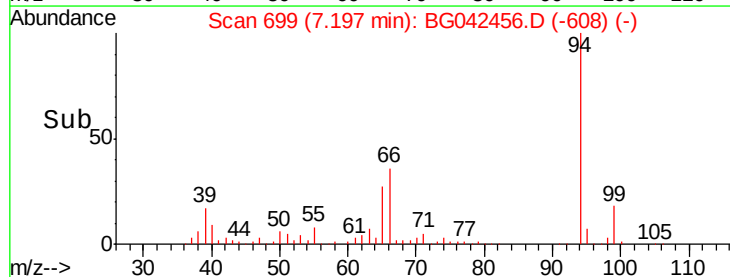
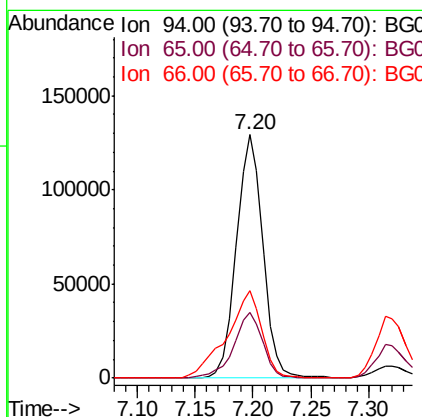
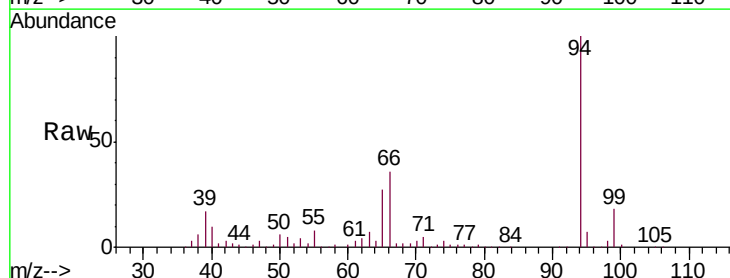
RT: 7.20 min Scan# 699

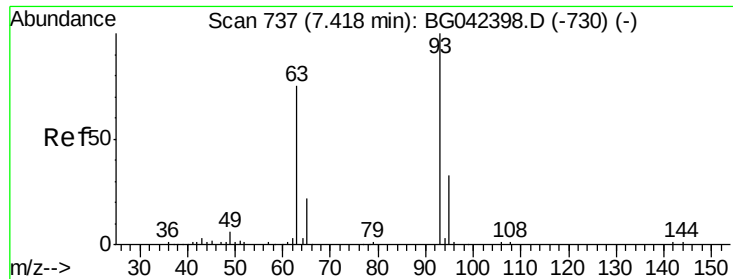
Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	94	Resp:	205870
Ion	Ratio	Lower	Upper
94	100		
65	27.2	5.6	45.6
66	35.9	16.0	56.0





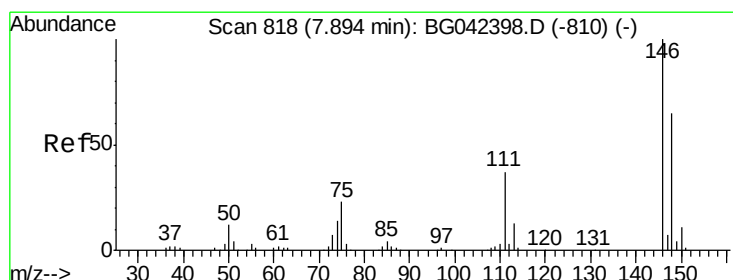
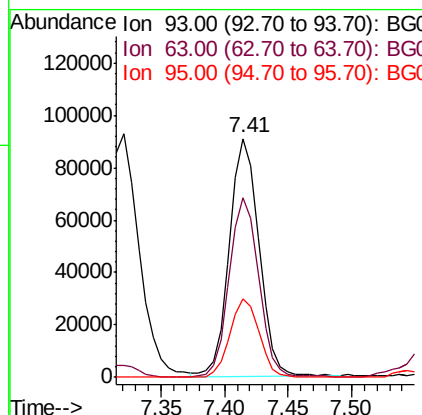
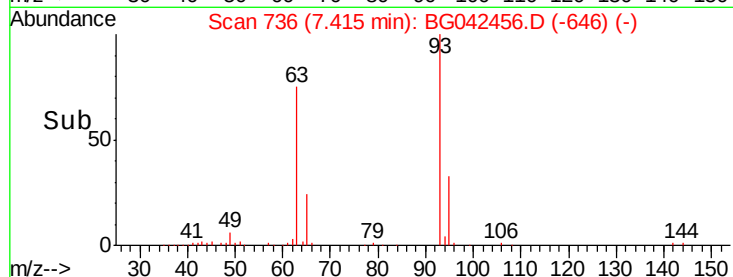
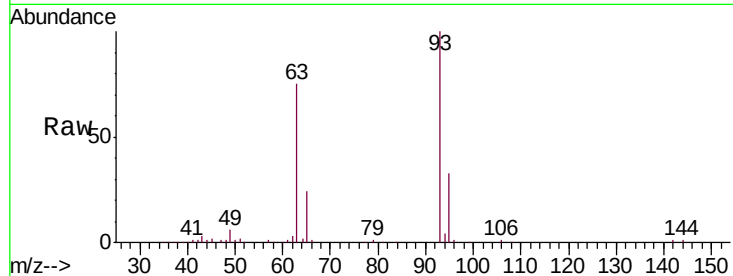
#11
bis(2-Chloroethyl)ether
Concen: 41.397 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion:	93	Resp:	146030
Ion	Ratio	Lower	Upper
93	100		
63	75.3	53.8	93.8
95	32.7	13.1	53.1

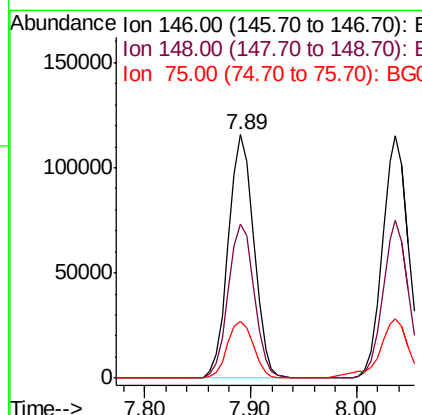
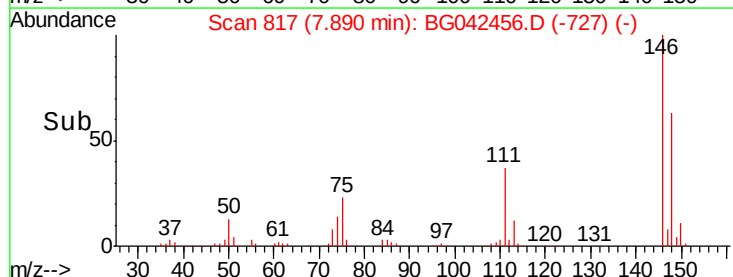
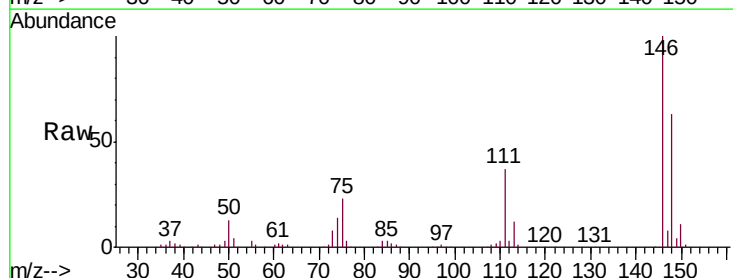
Manual Integrations
APPROVED

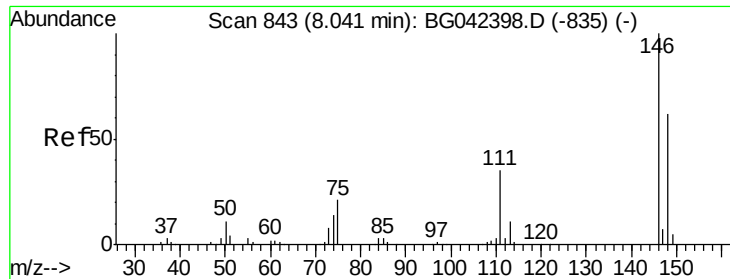
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 38.327 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion:	146	Resp:	193254
Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
75	23.2	18.0	27.0





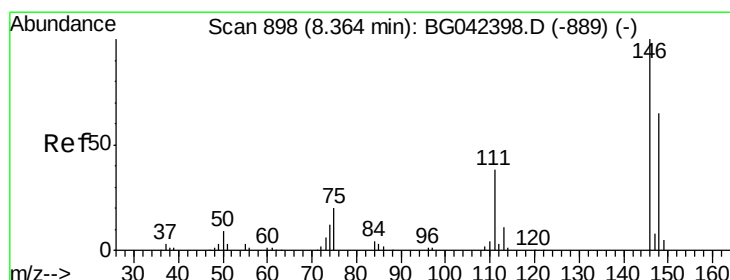
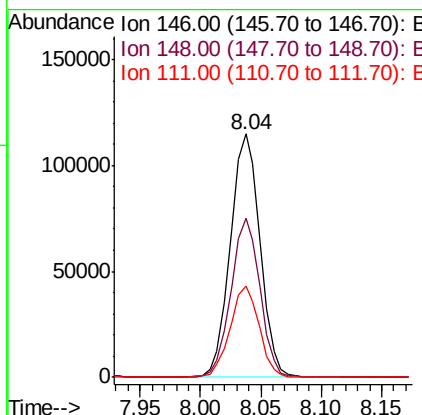
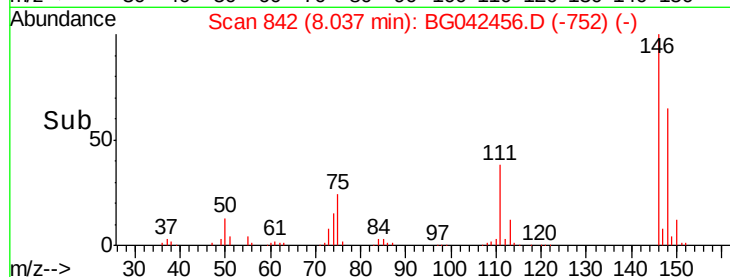
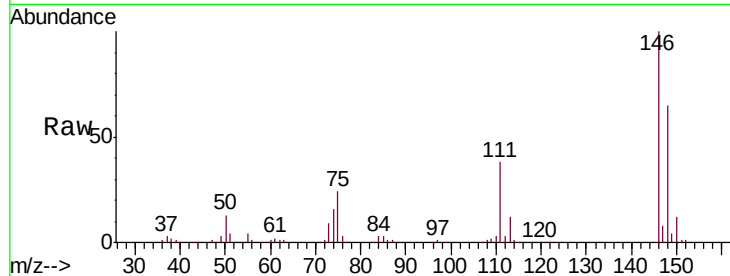
#13
 1,4-Dichlorobenzene
 Concen: 38.564 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.5	74.3
111	37.6	28.1	42.1

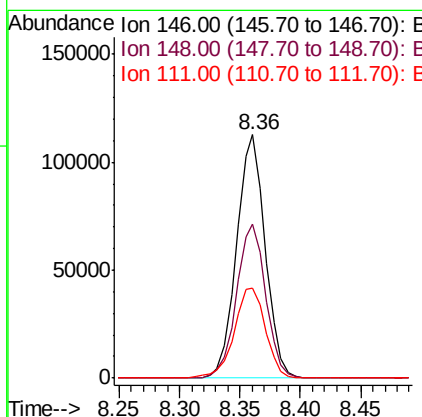
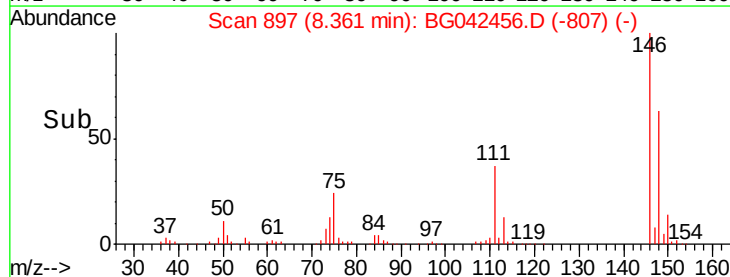
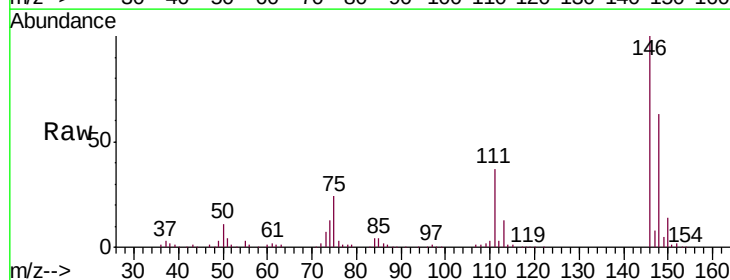
Manual Integrations
 APPROVED

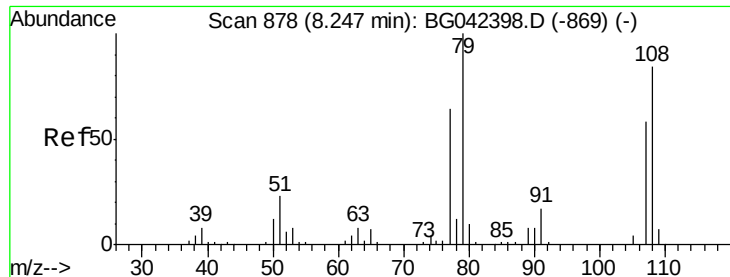
Jagrut
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#14
 1,2-Dichlorobenzene
 Concen: 37.920 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
111	37.1	30.9	46.3





#15

Benzyl Alcohol

Concen: 40.540 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

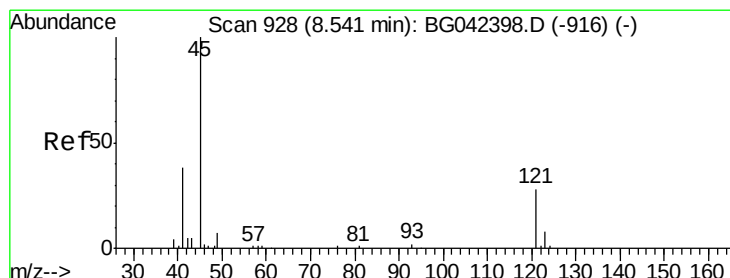
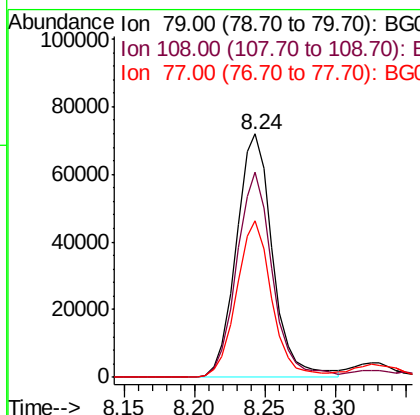
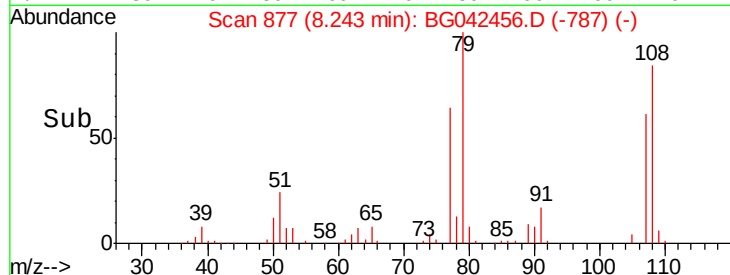
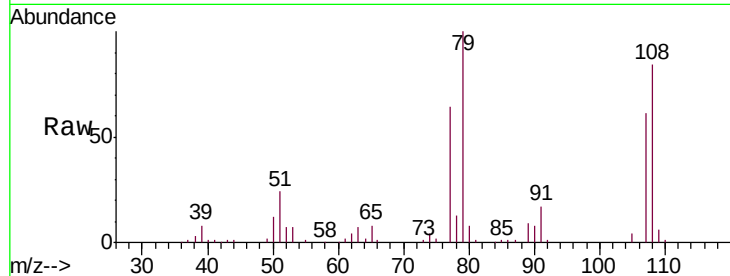
ClientSampled :

TP-1(1-3)MSD

Tot Ion:	79	Resp:	128847
Ion Ratio	Lower	Upper	
79	100		
108	84.1	67.4	101.2
77	64.1	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.246 ng

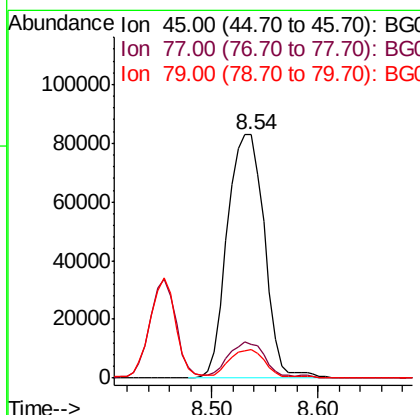
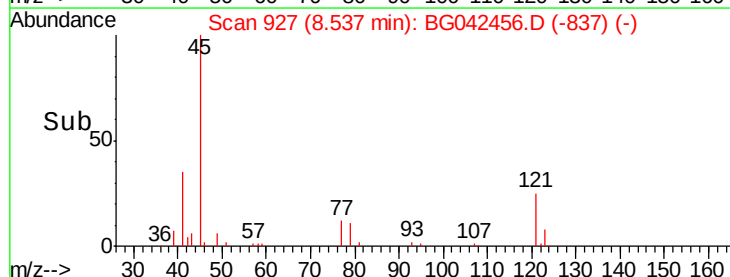
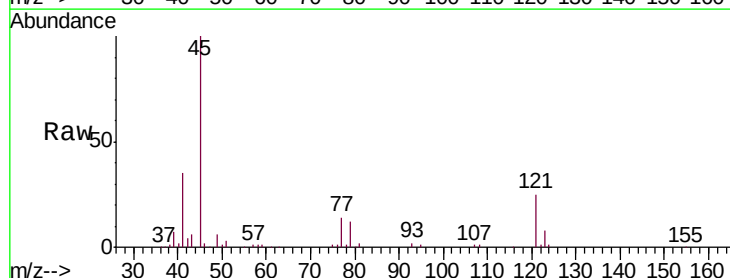
RT: 8.54 min Scan# 927

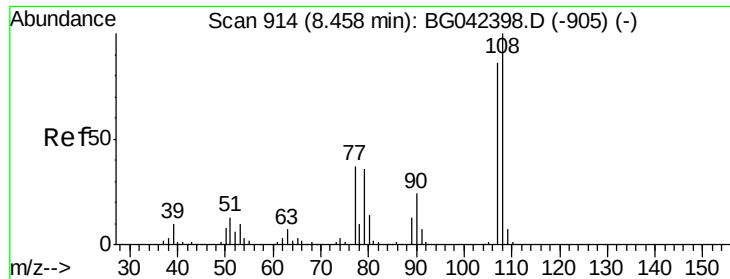
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	45	Resp:	201989
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	35.6
79	11.9	0.0	31.6





#17

2-Methylphenol

Concen: 42.186 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

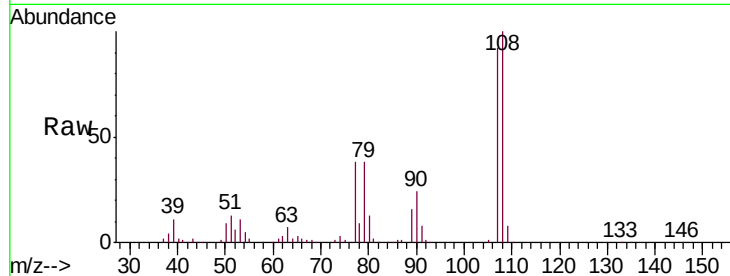
ClientSampled :

TP-1(1-3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.2	92.9	139.3	
77	40.9	34.4	51.6	
79	41.5	33.8	50.6	

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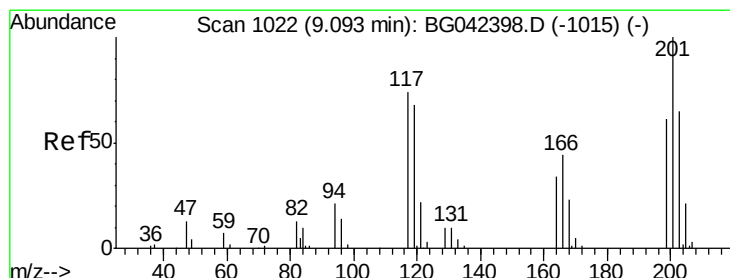
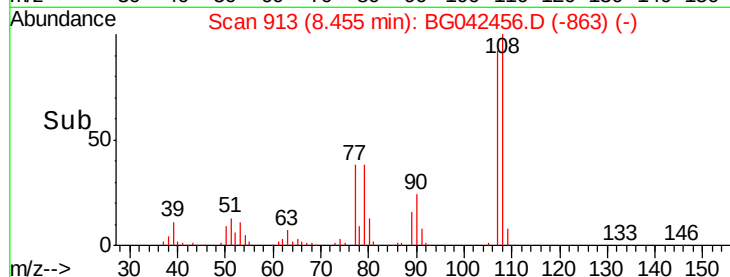
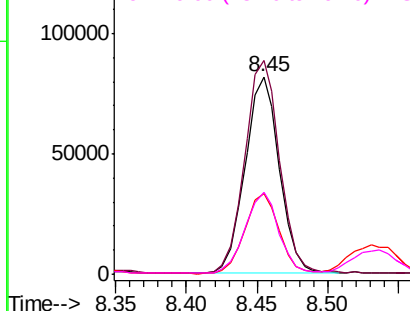
Abundance

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: 36.703 ng

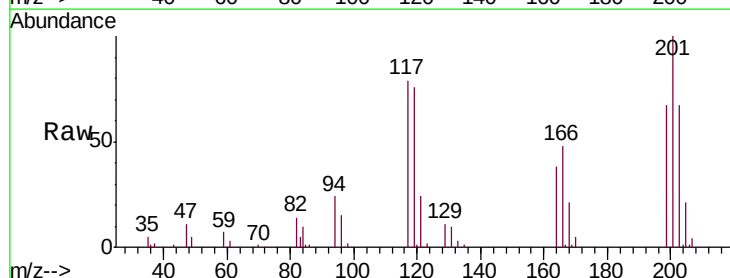
RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	73.8	110.8	
201	126.3	108.3	162.5	

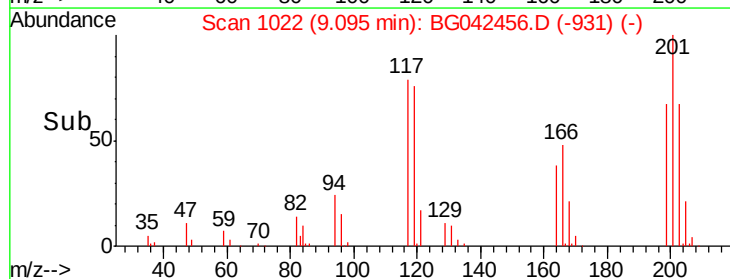
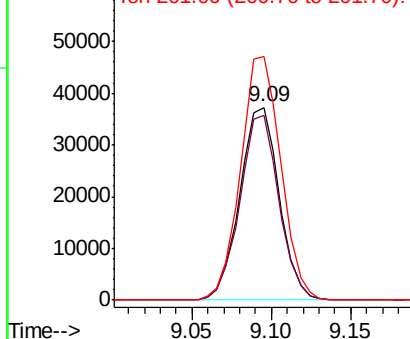


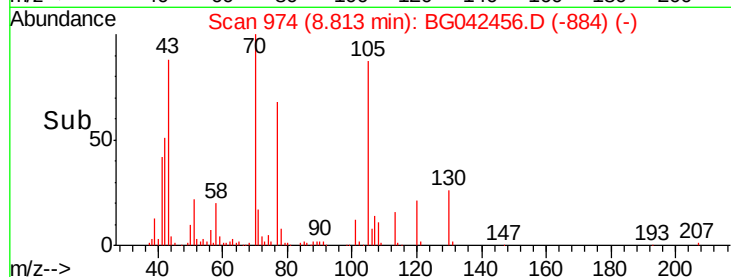
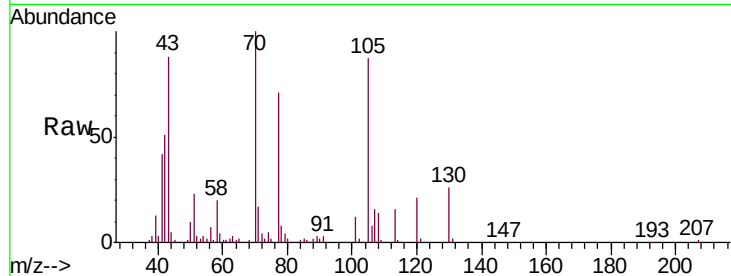
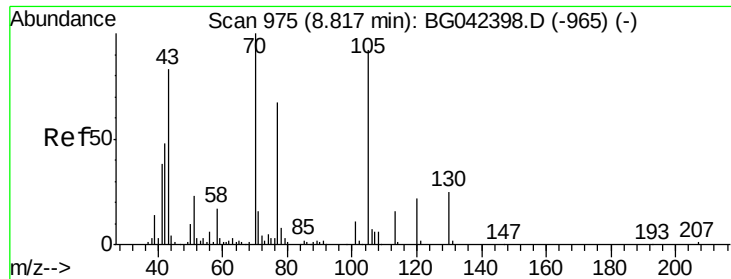
Abundance

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





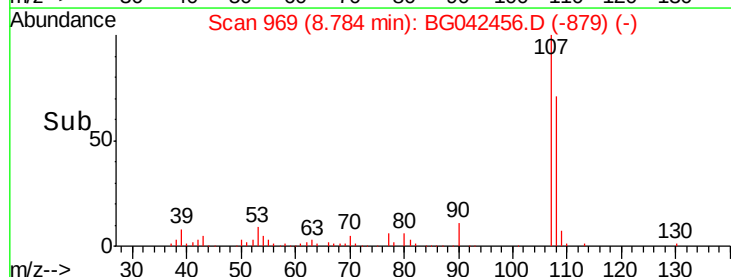
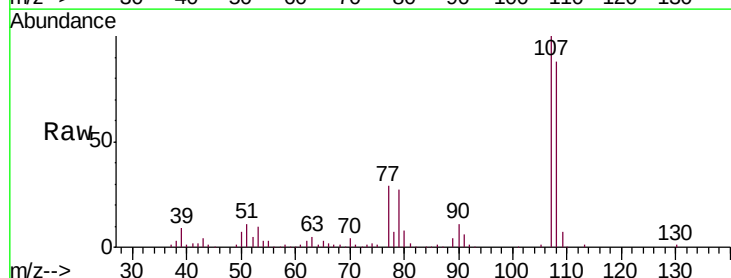
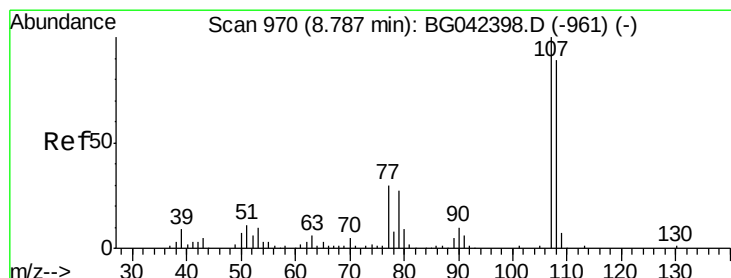
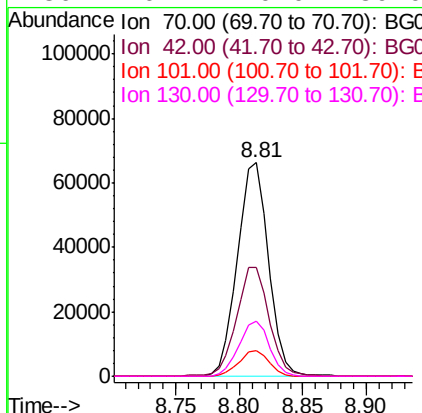
#19
n-Nitroso-di-n-propylamine
Concen: 39.406 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	38.8	58.2
101	12.2	9.0	13.6
130	26.1	20.0	30.0

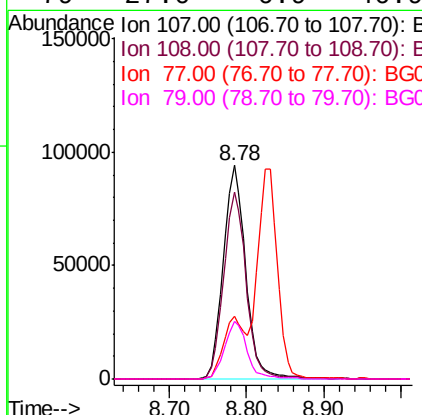
Manual Integrations
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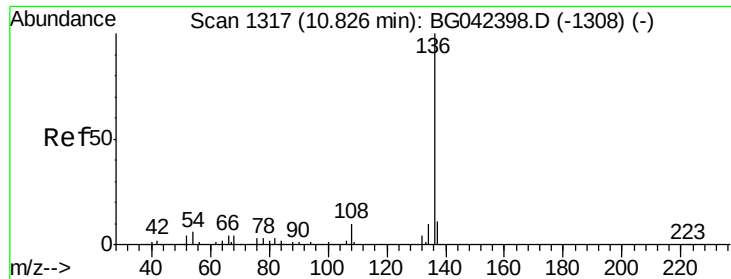
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#20
3+4-Methylphenols
Concen: 41.653 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.7	108.7
77	29.2	10.2	50.2
79	27.0	6.9	46.9





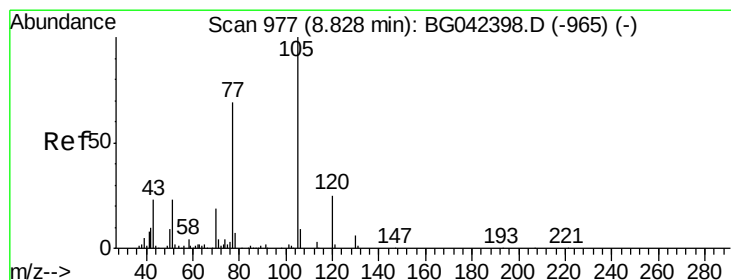
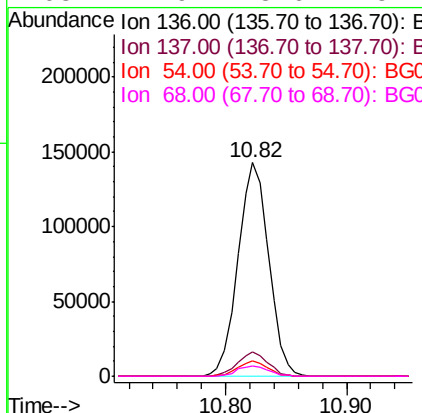
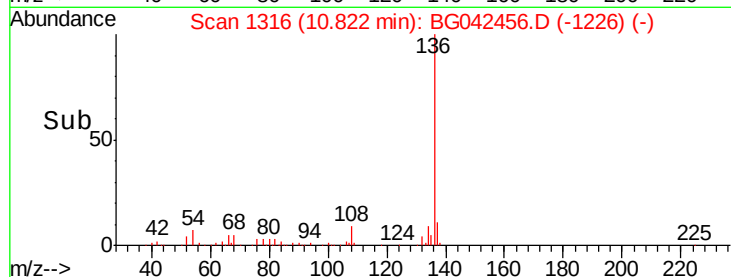
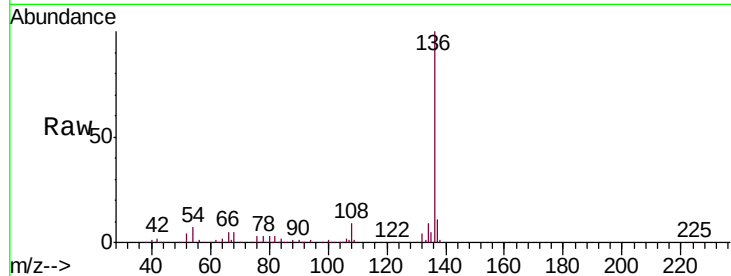
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.4	4.9	7.3#
68	4.9	3.6	5.4

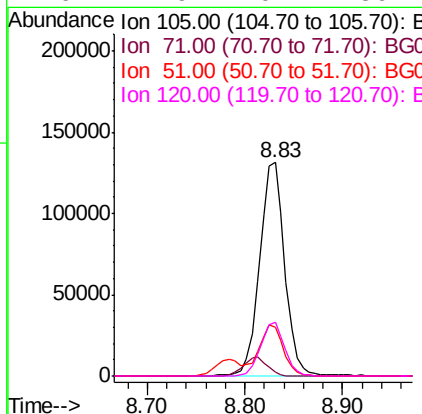
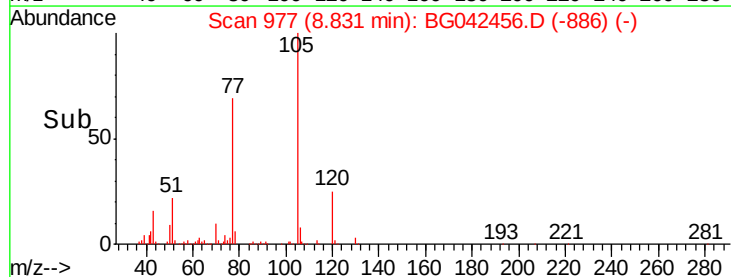
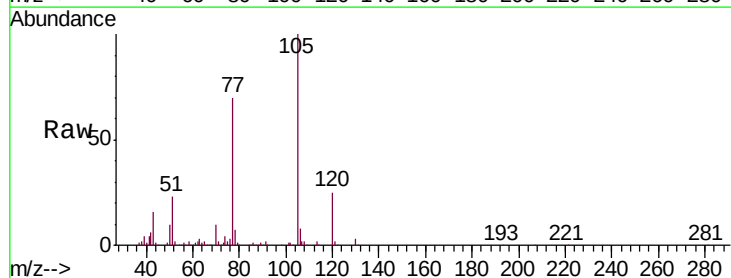
Manual Integrations
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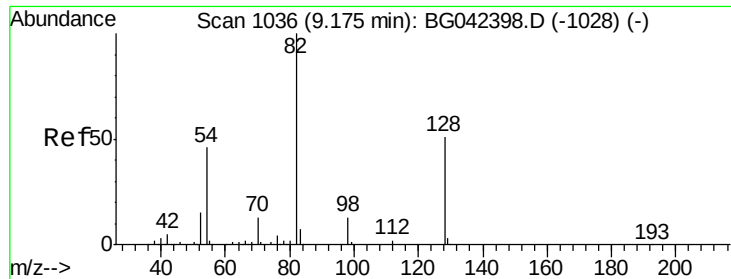
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#22
Acetophenone
Concen: 43.620 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.7	2.8	4.2#
51	22.5	18.7	28.1
120	24.9	20.1	30.1





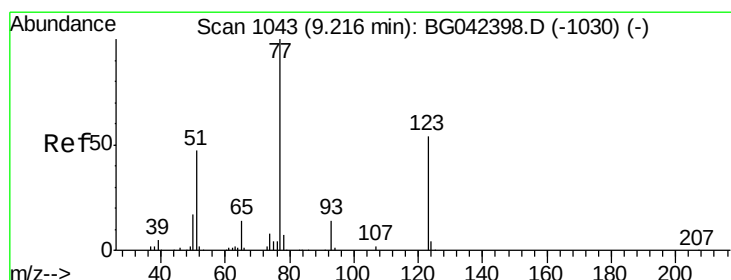
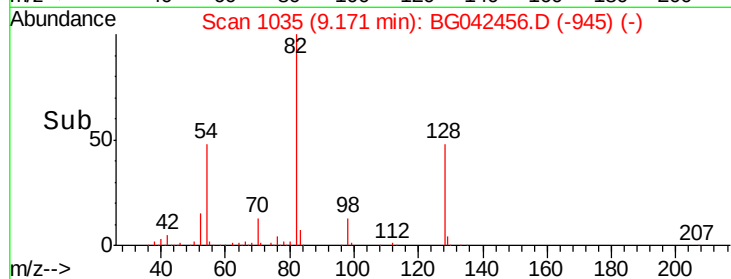
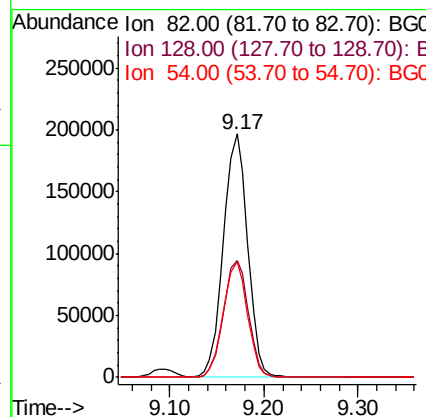
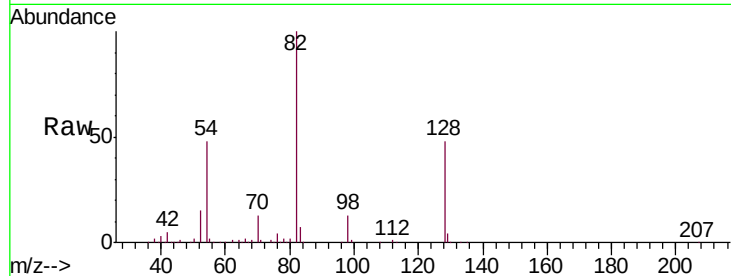
#23
Nitrobenzene-d5
Concen: 96.883 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.7	61.1
54	47.6	36.3	54.5

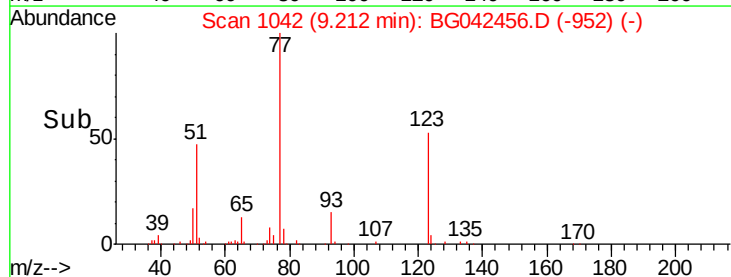
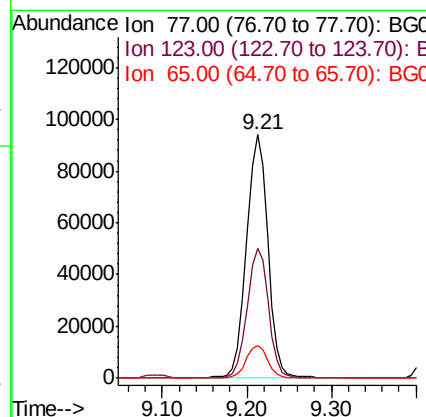
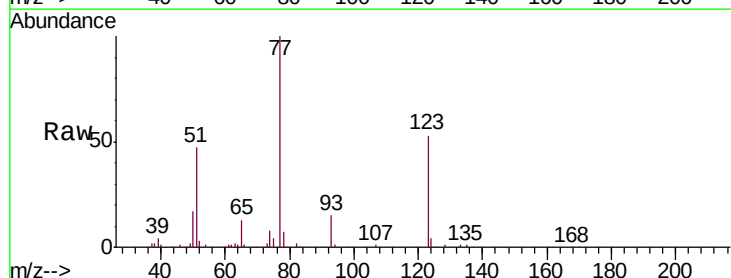
Manual Integrations
APPROVED

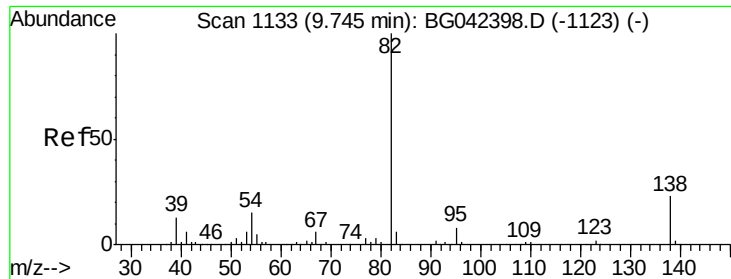
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#24
Nitrobenzene
Concen: 44.575 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.4	43.4	65.0
65	13.3	11.0	16.6





#25

Isophorone

Concen: 42.495 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

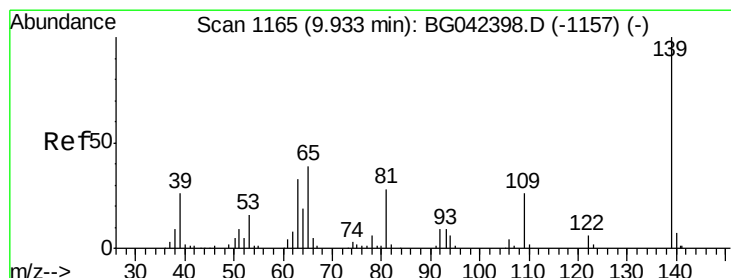
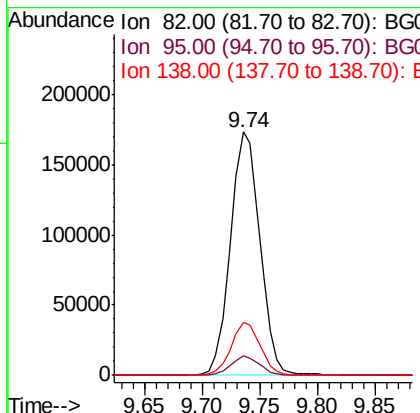
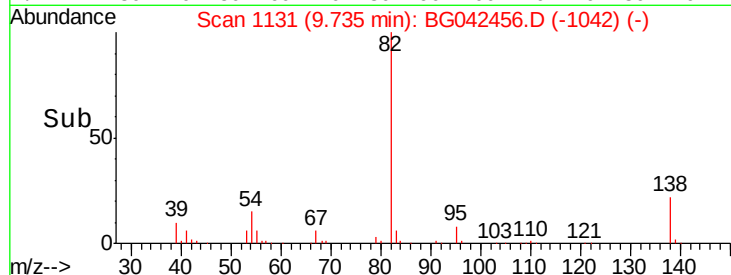
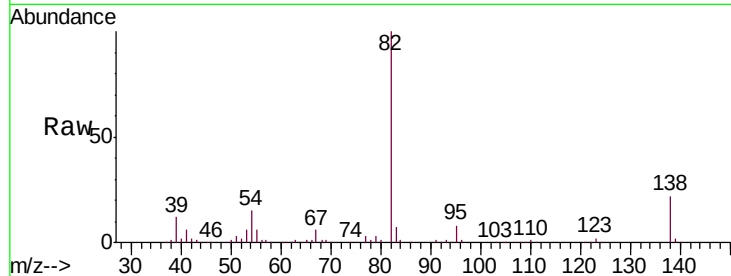
ClientSampleId :

TP-1(1-3)MSD

Tot Ion:	82	Resp:	307477
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.6	9.8
138	21.9	18.6	27.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.677 ng

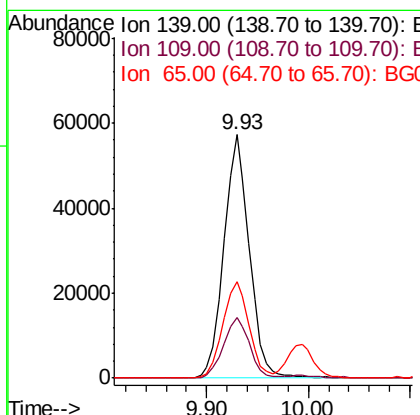
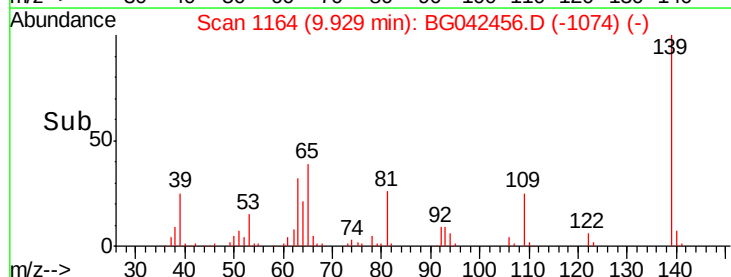
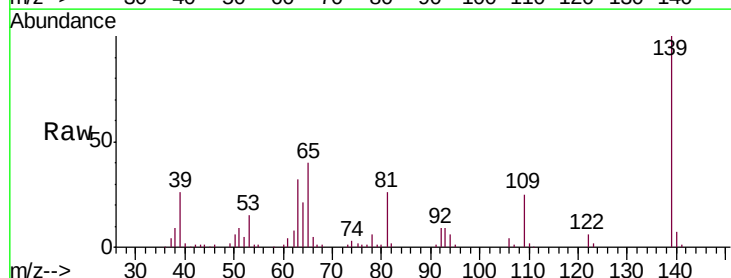
RT: 9.93 min Scan# 1164

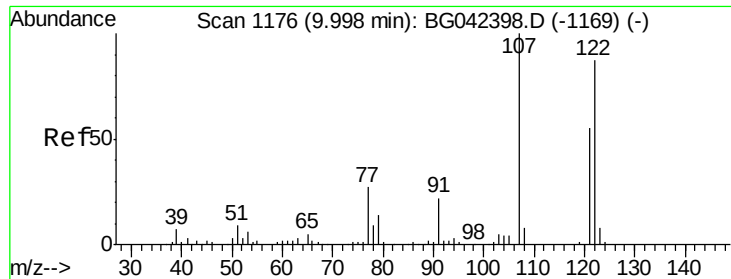
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	139	Resp:	99292
Ion Ratio	Lower	Upper	
139	100		
109	24.7	20.5	30.7
65	39.6	30.9	46.3





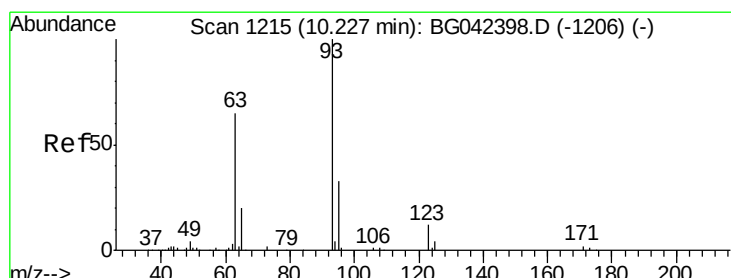
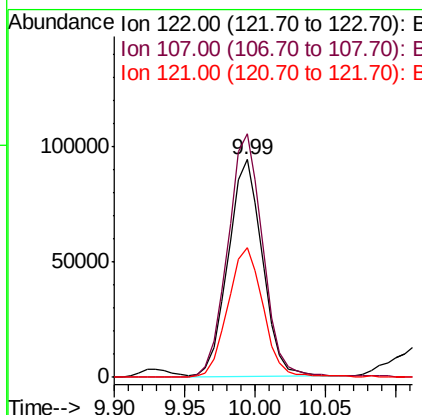
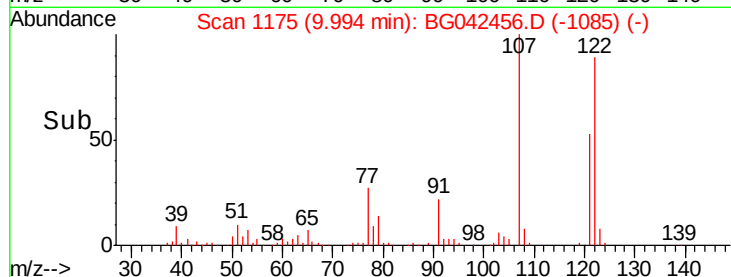
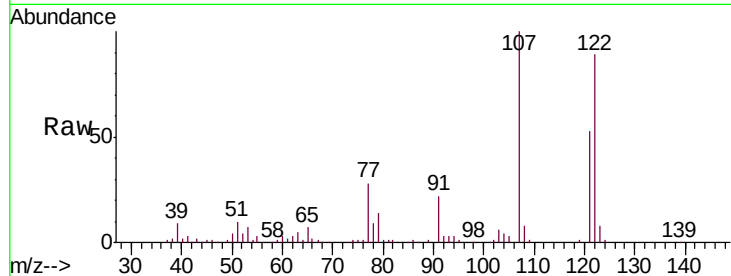
#27
 2,4-Dimethylphenol
 Concen: 49.656 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	90.8	136.2
121	59.8	49.6	74.4

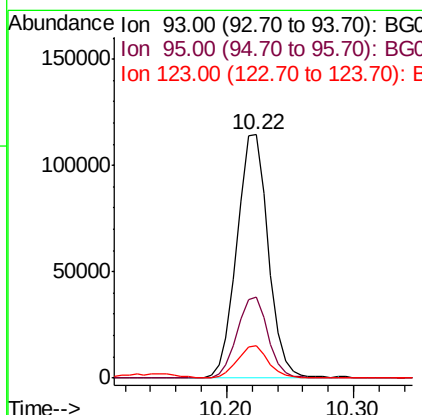
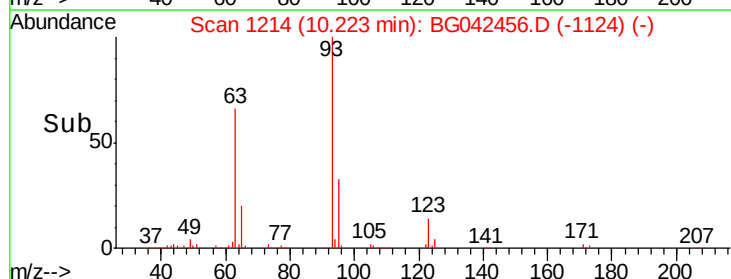
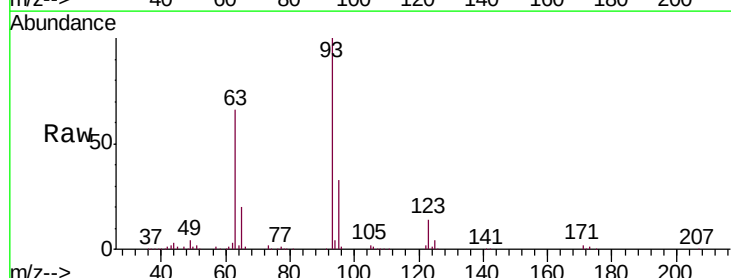
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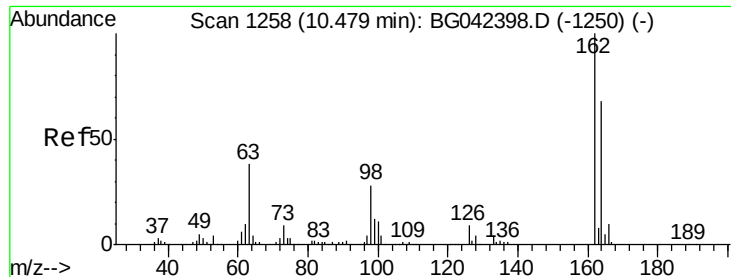
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.071 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.6	40.0
123	13.5	10.1	15.1





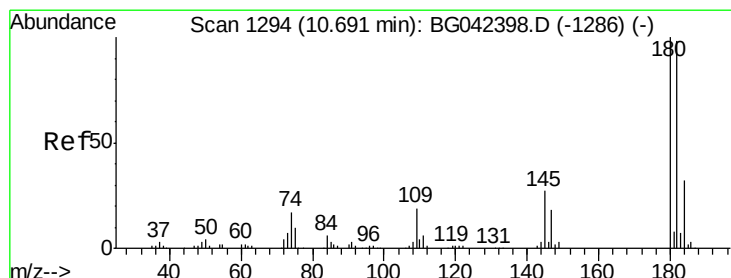
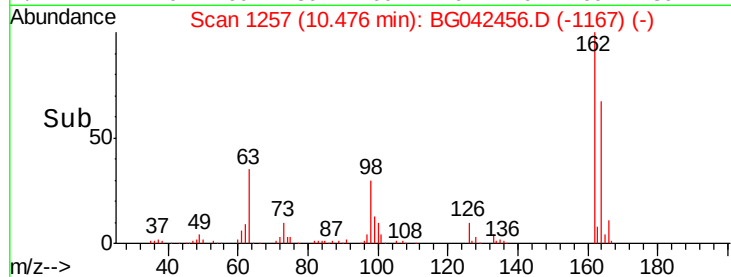
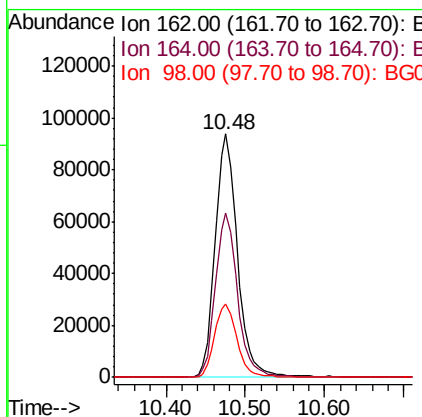
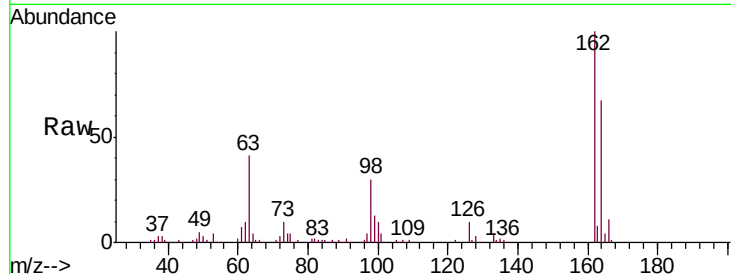
#29
2,4-Dichlorophenol
Concen: 43.762 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	183503		
164	67.4	48.1	88.1	
98	30.0	7.6	47.6	

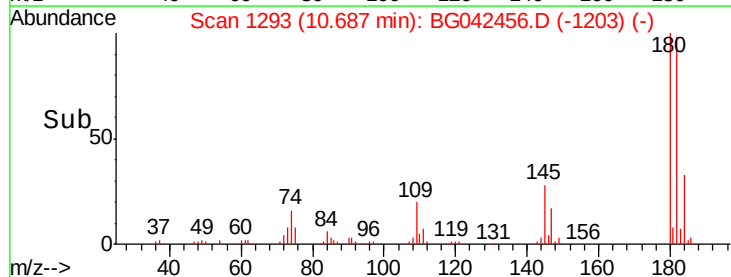
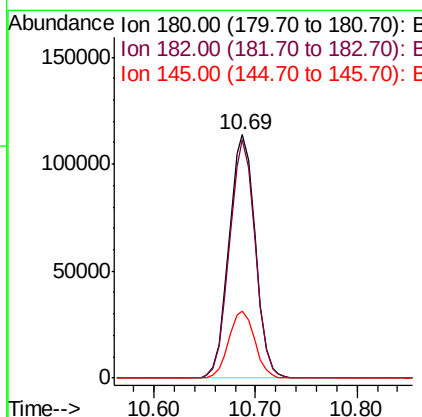
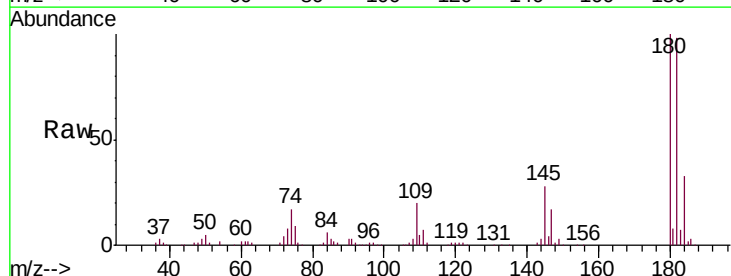
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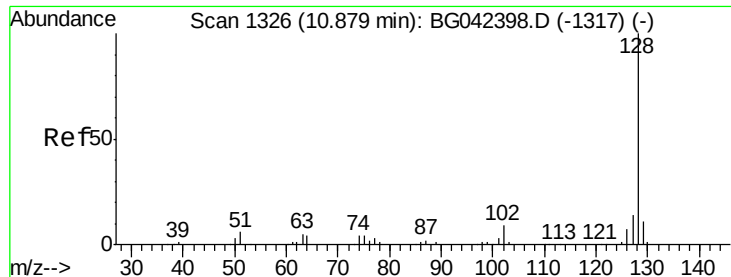
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#30
1,2,4-Trichlorobenzene
Concen: 39.691 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204285		
182	98.0	78.7	118.1	
145	27.6	21.6	32.4	





#31

Naphthalene

Concen: 43.633 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

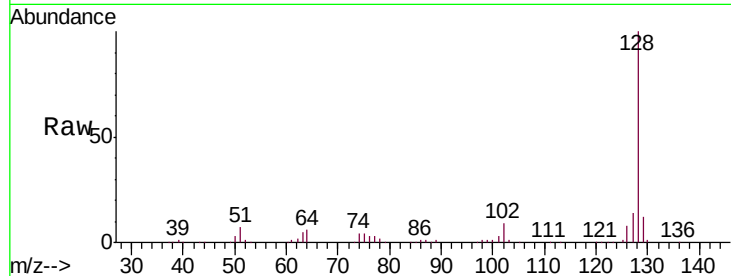
ClientSampleId :

TP-1(1-3)MSD

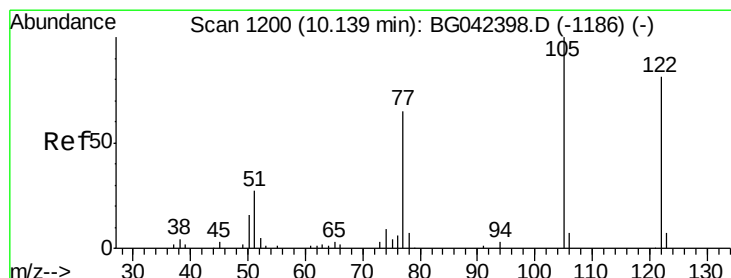
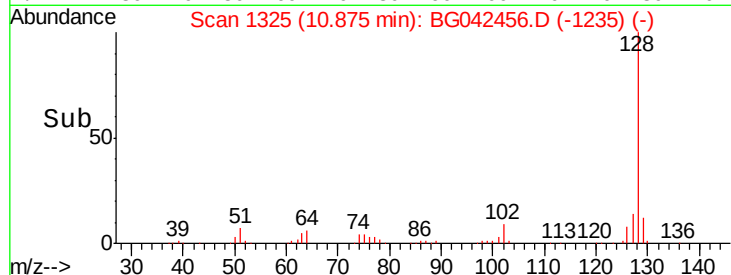
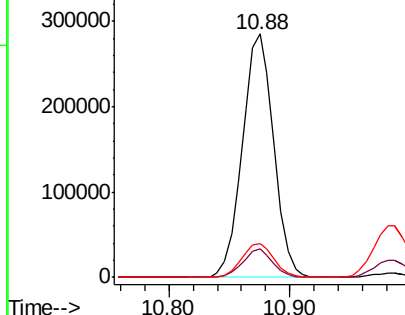
Tot Ion:	128	Resp:	513247
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	14.1	11.4	17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.155 ng

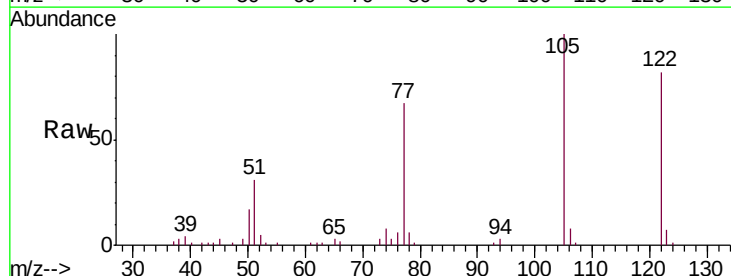
RT: 10.15 min Scan# 1201

Delta R.T. 0.01 min

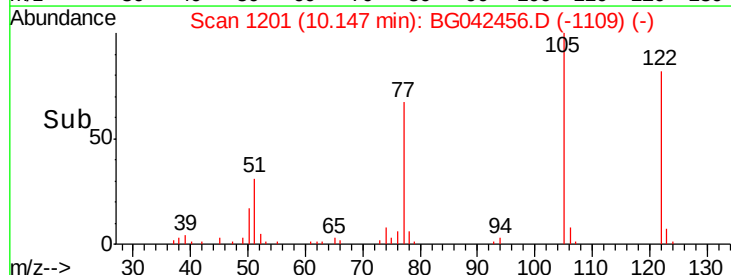
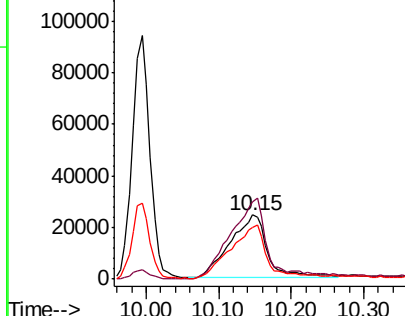
Lab File: BG042456.D

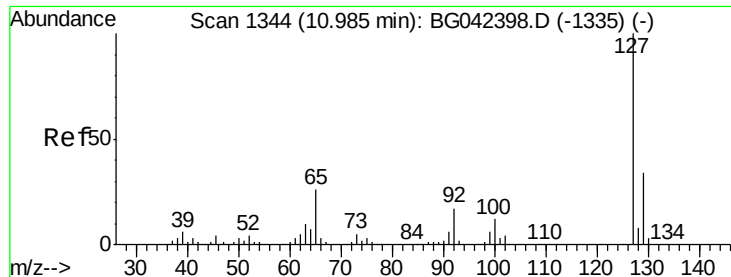
Acq: 24 Aug 2019 7:41

Tgt Ion:	122	Resp:	86855
Ion Ratio	Lower	Upper	
122	100		
105	121.2	99.6	139.6
77	81.2	59.5	99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





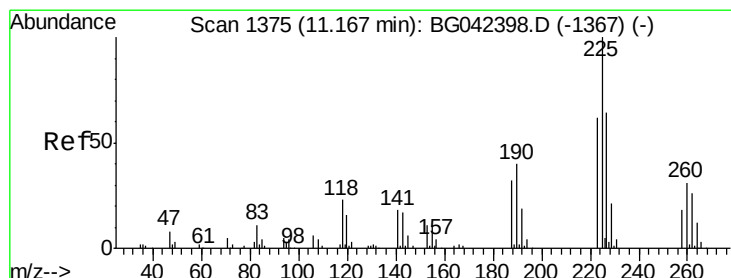
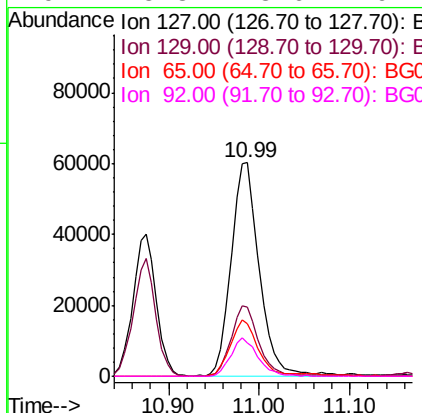
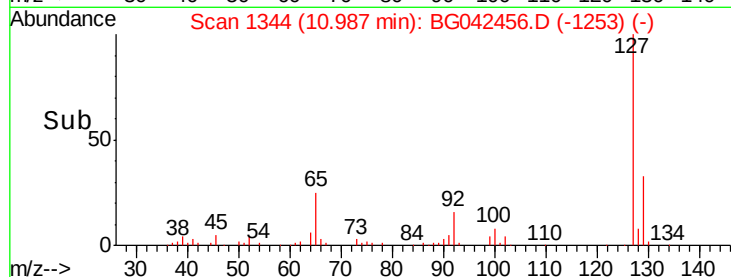
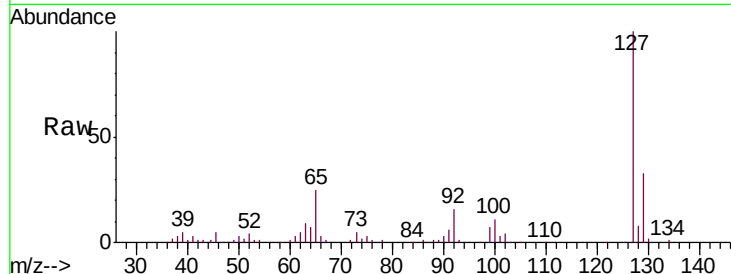
#33
4-Chloroaniline
Concen: 24.069 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100	130694		
129	32.6		26.8	40.2
65	24.8		20.7	31.1
92	15.8		13.6	20.4

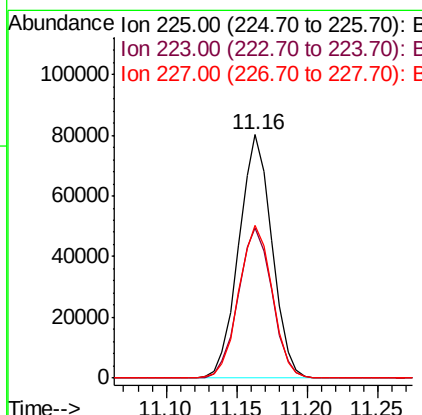
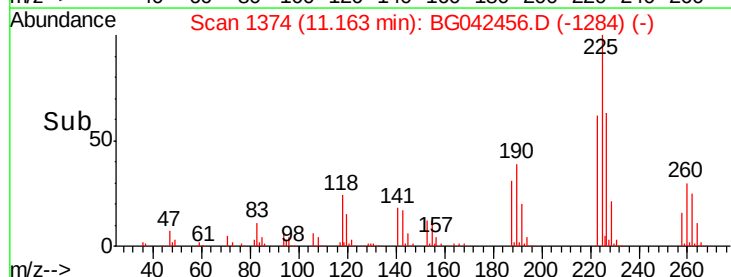
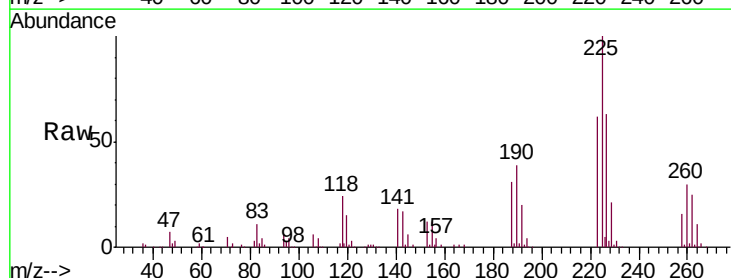
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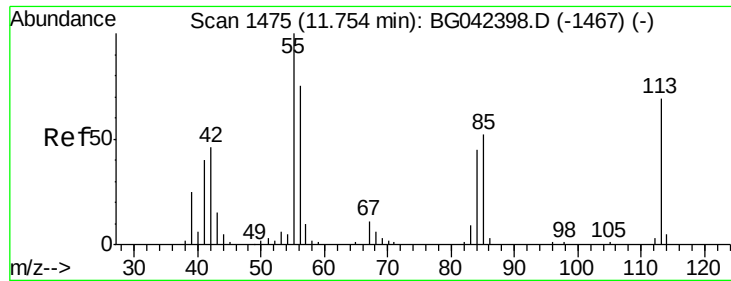
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#34
Hexachlorobutadiene
Concen: 38.025 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131530		
223	61.6		49.8	74.6
227	62.5		50.9	76.3





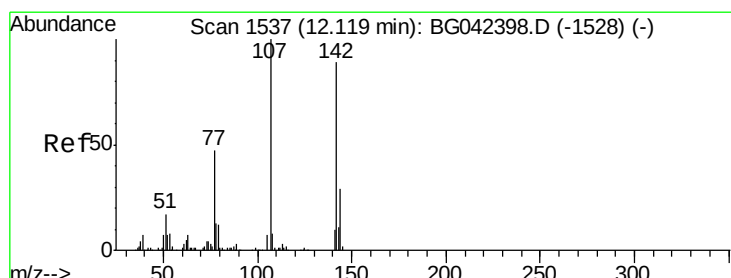
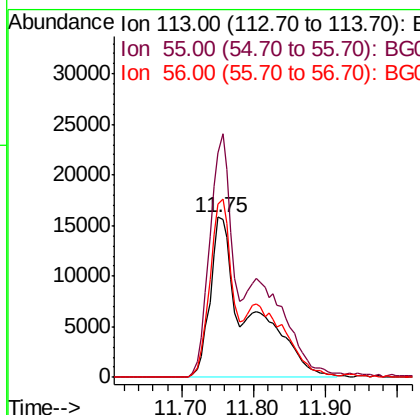
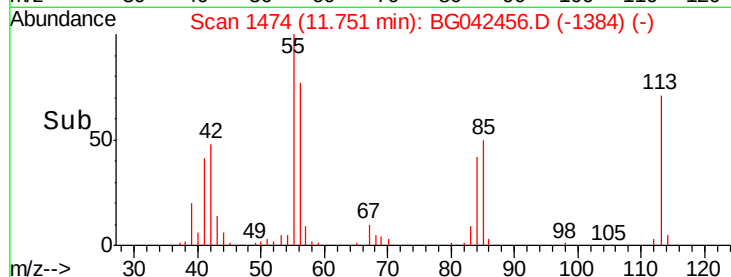
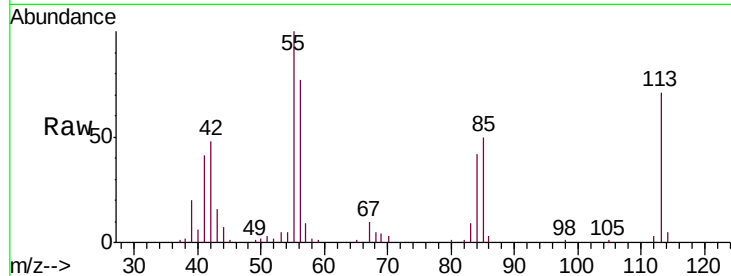
#35
 Caprolactam
 Concen: 42.404 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	140.6	124.6	164.6
56	108.5	88.3	128.3

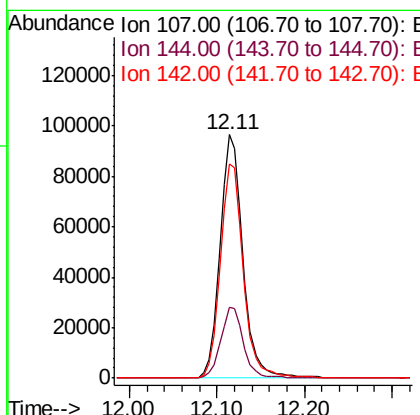
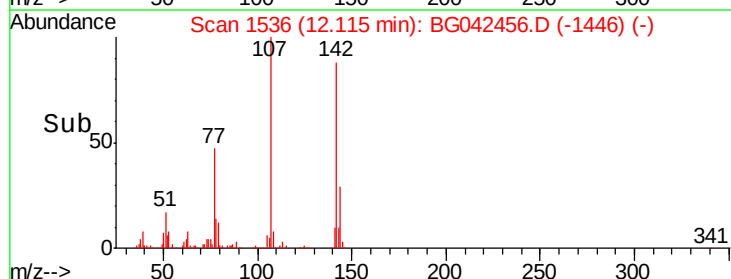
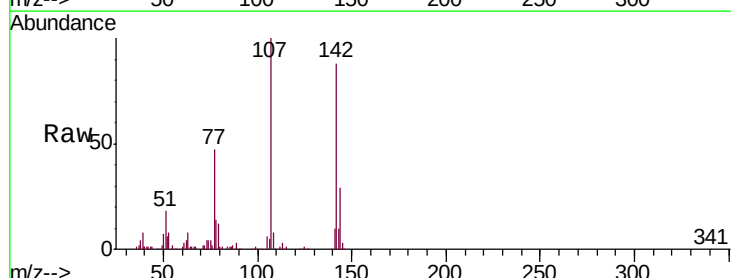
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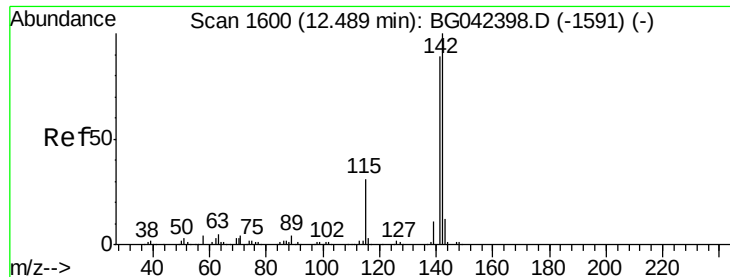
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#36
 4-Chloro-3-methylphenol
 Concen: 43.701 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.0	23.6	35.4
142	88.2	71.0	106.4





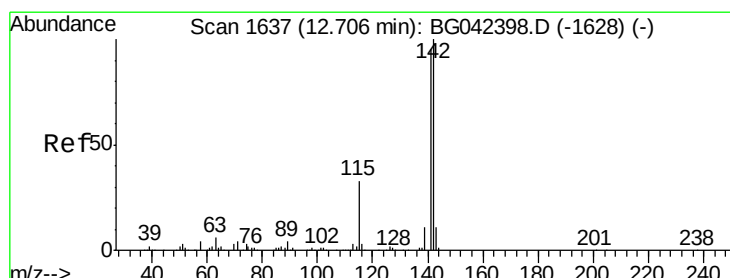
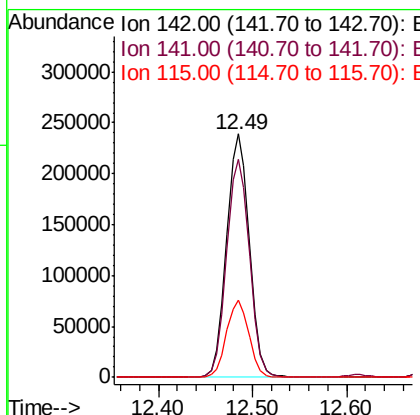
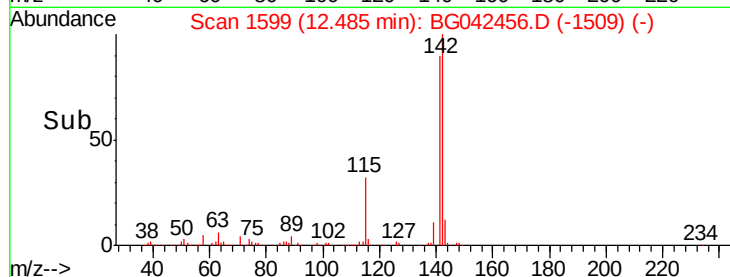
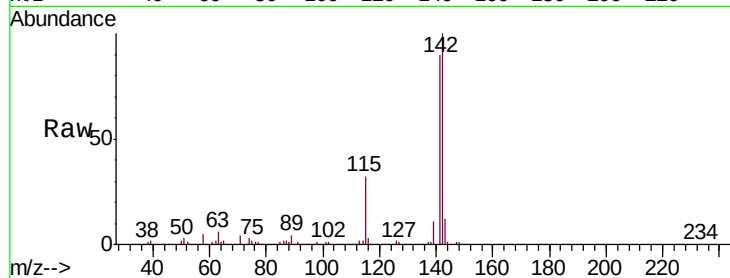
#37
2-Methylnaphthalene
Concen: 42.448 ng
RT: 12.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	31.8	25.2	37.8

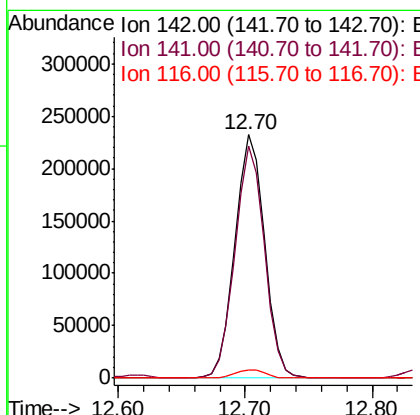
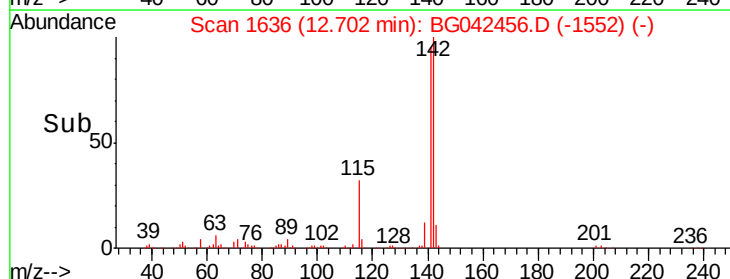
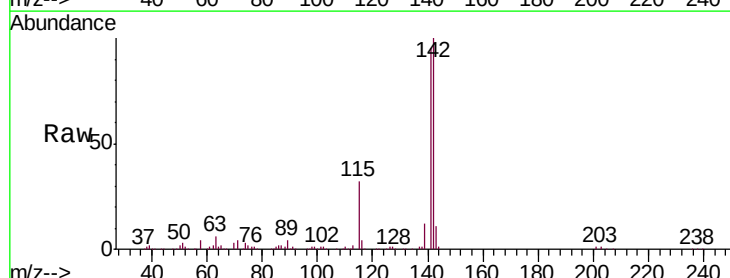
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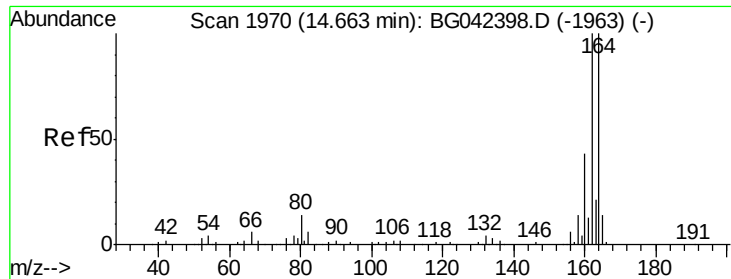
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#38
1-Methylnaphthalene
Concen: 41.813 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	76.2	114.2
116	3.5	2.8	4.2





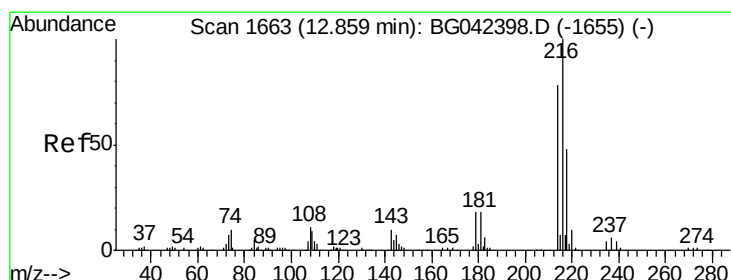
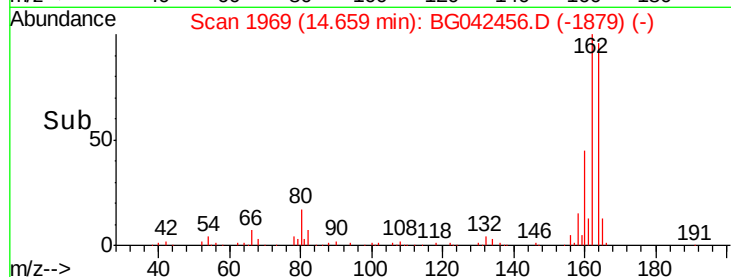
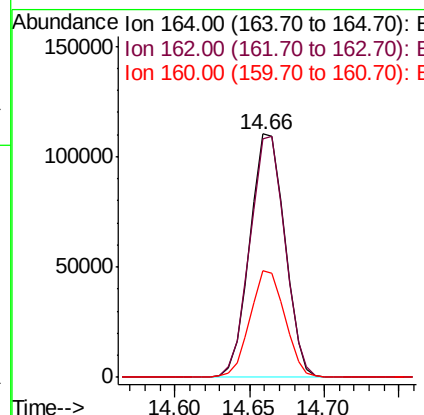
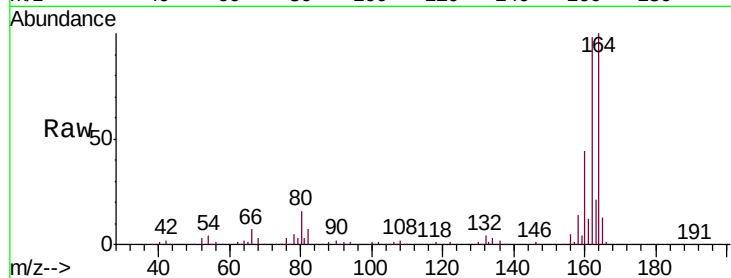
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.8	79.9	119.9
160	43.9	34.3	51.5

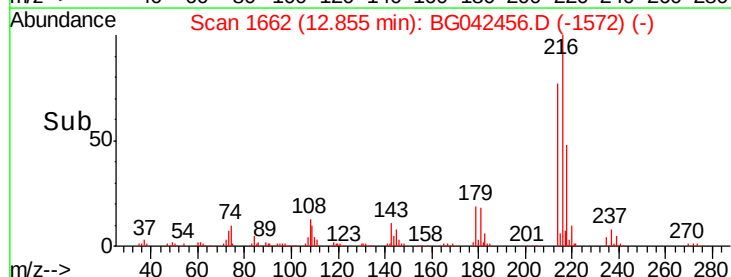
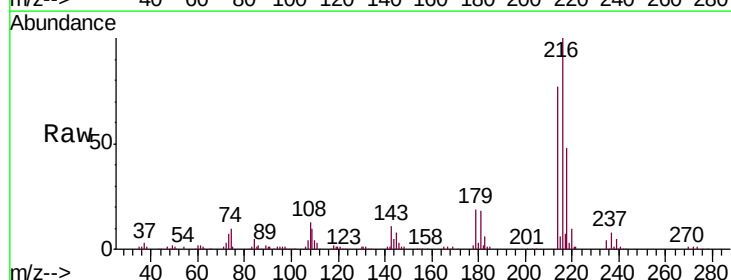
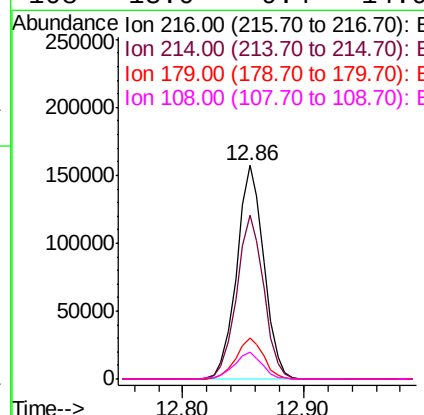
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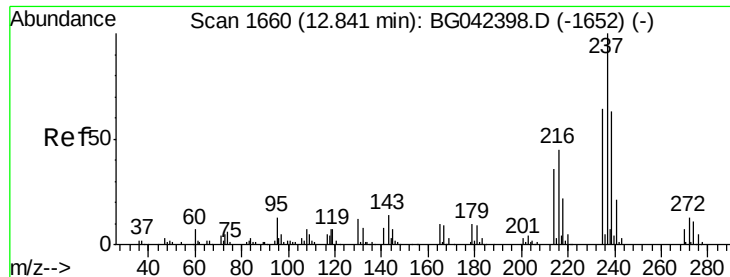
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.814 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.4	92.2
179	19.3	15.1	22.7
108	13.0	9.4	14.0





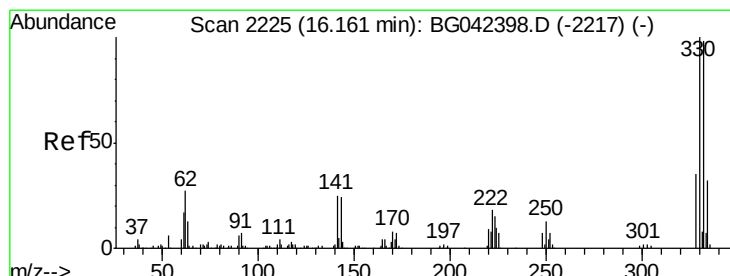
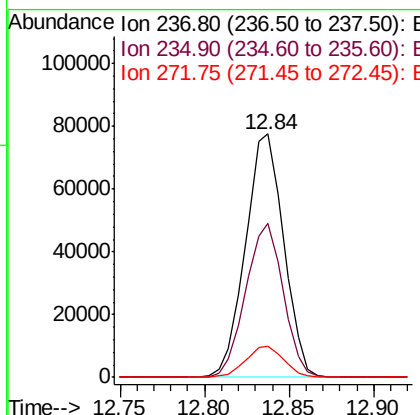
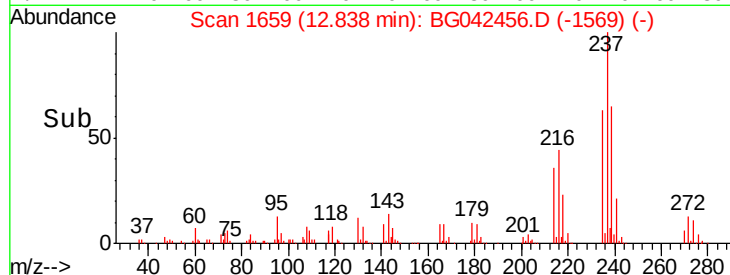
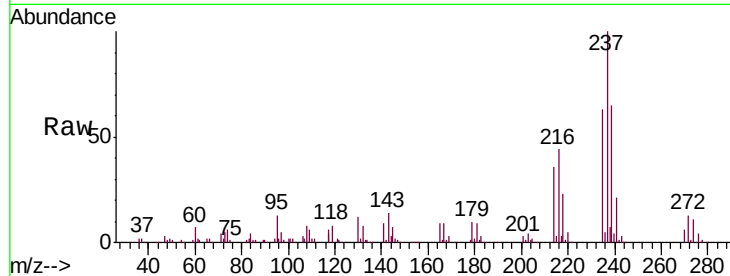
#41
 Hexachlorocyclopentadiene
 Concen: 40.565 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	43.7	83.7
272	12.6	0.0	33.3

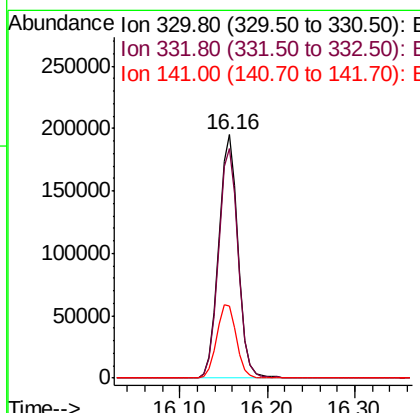
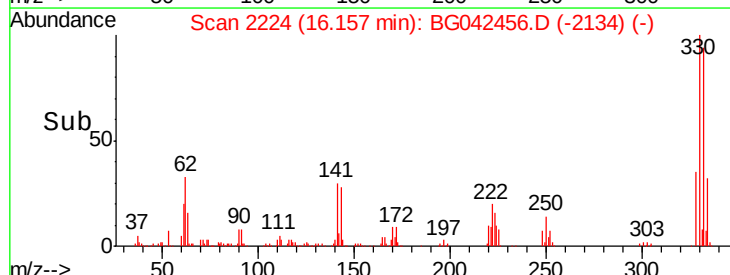
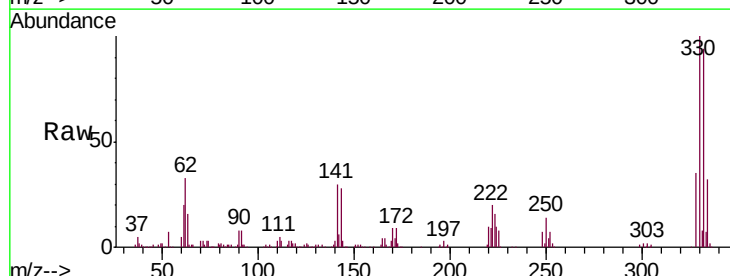
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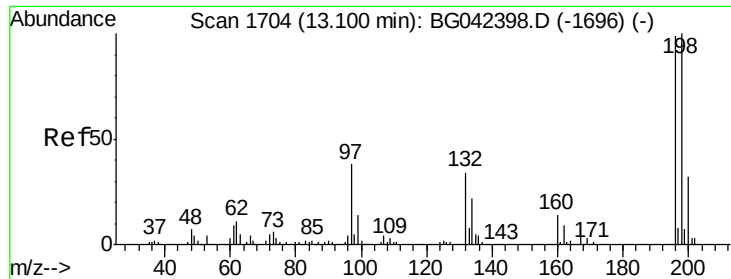
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#42
 2,4,6-Tribromophenol
 Concen: 117.632 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	77.4	116.0
141	31.1	21.4	32.0





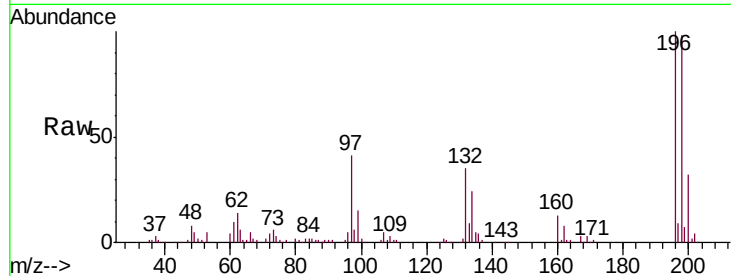
#43
 2,4,6-Trichlorophenol
 Concen: 42.329 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	163904		
198	97.7	80.7	121.1	
200	31.8	25.7	38.5	

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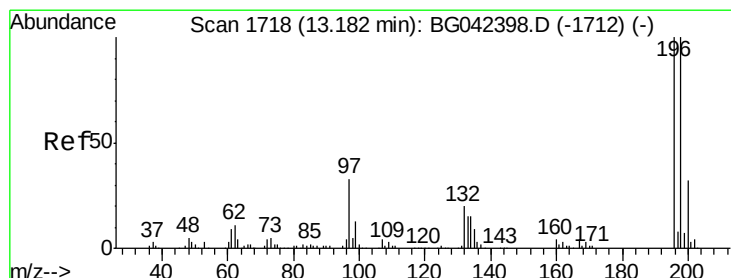
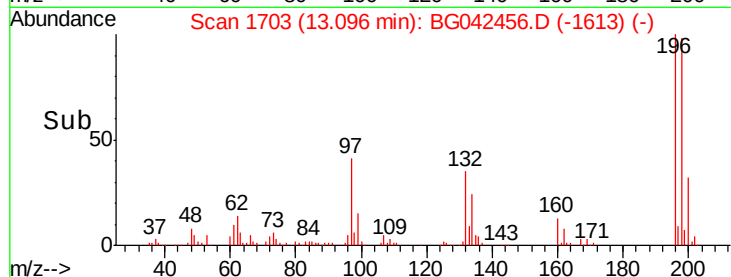
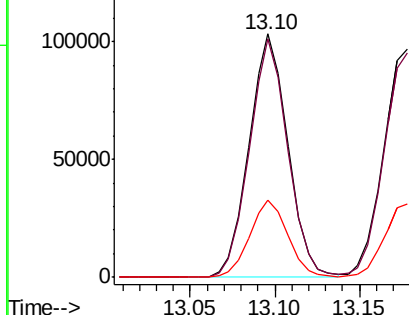


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.791 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171705		
198	98.2	80.2	120.4	
97	36.2	26.3	39.5	
132	22.4	16.6	24.8	

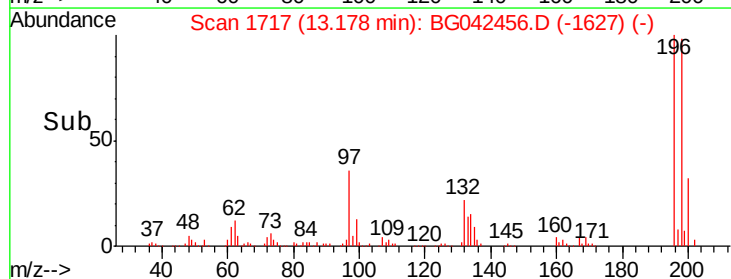
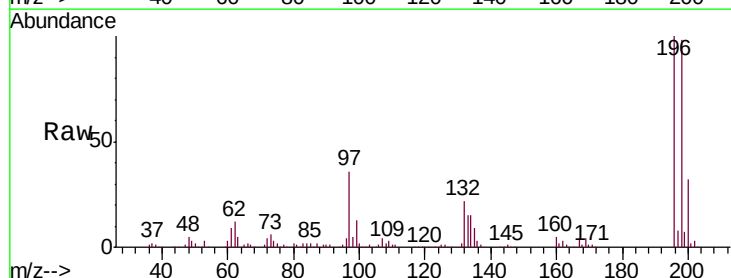
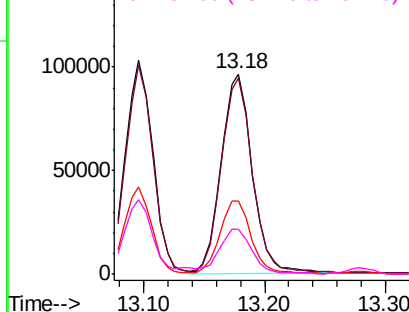
Abundance

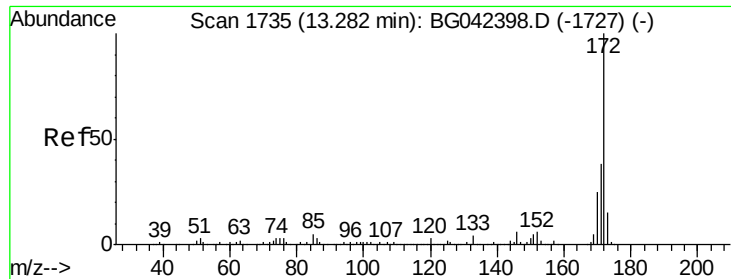
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





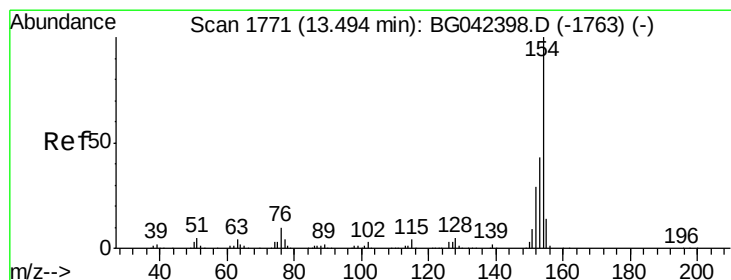
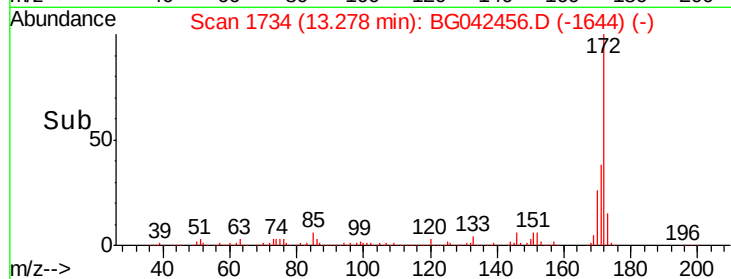
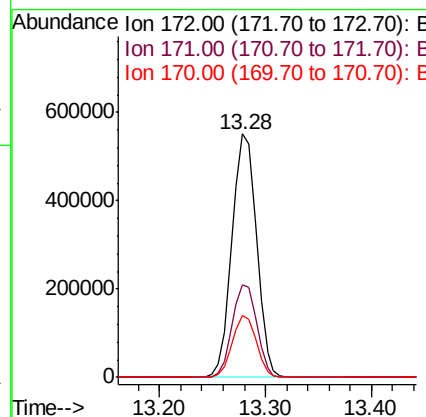
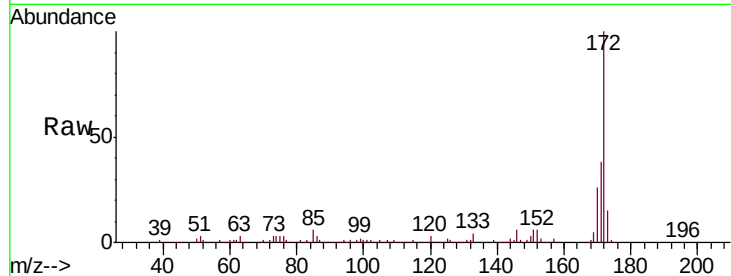
#45
 2-Fluorobiphenyl
 Concen: 83.935 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.5	45.7
170	25.5	20.2	30.2

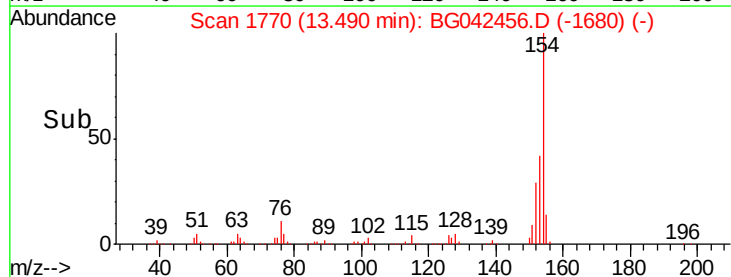
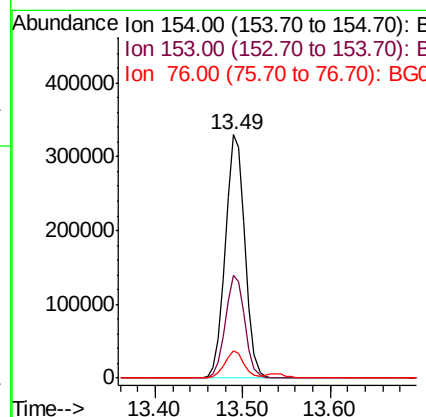
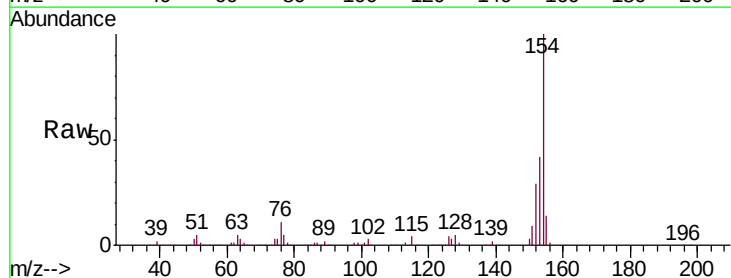
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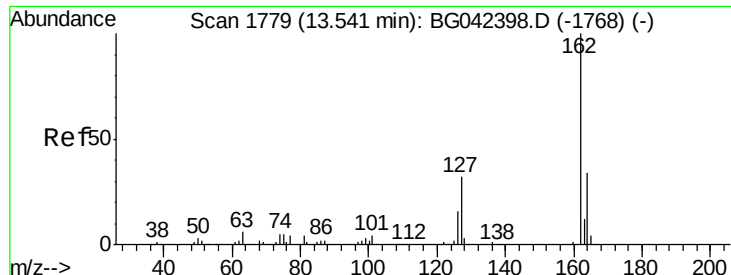
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#46
 1,1'-Biphenyl
 Concen: 44.241 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	11.1	0.0	29.6





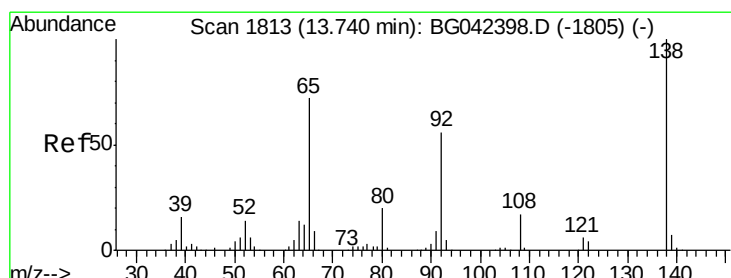
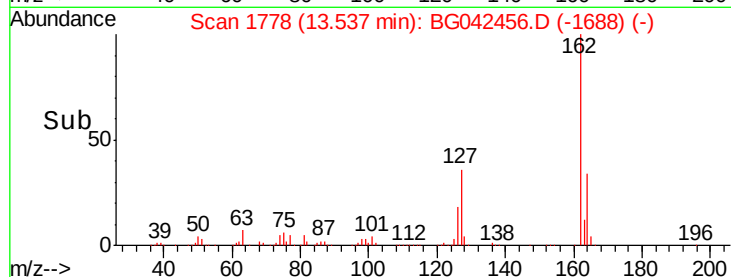
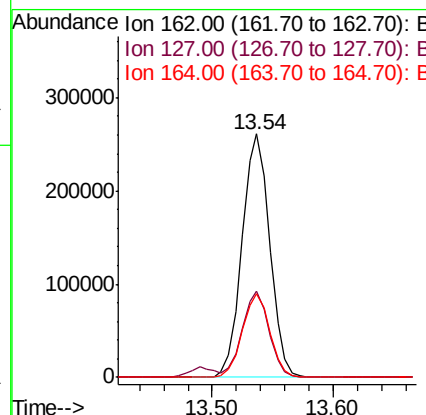
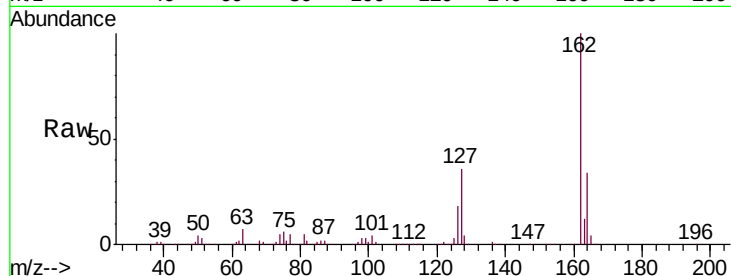
#47
2-Chloronaphthalene
Concen: 41.965 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.5	26.0	39.0
164	34.3	27.4	41.0

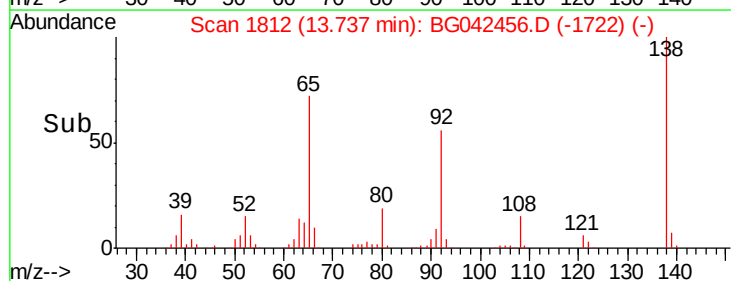
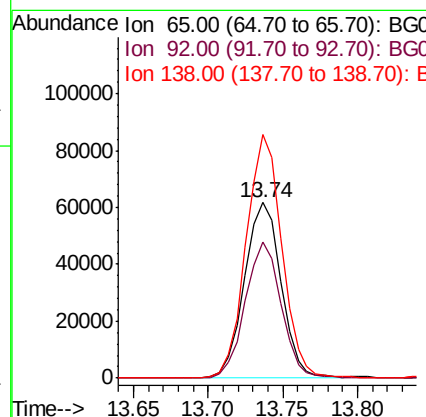
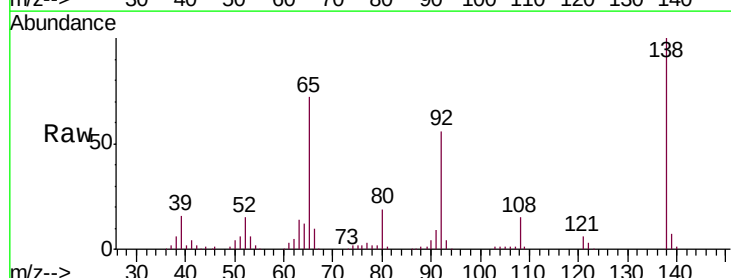
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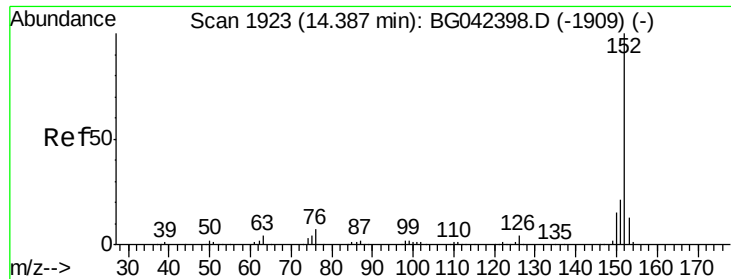
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#48
2-Nitroaniline
Concen: 43.708 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.9	61.8	92.6
138	138.8	111.0	166.6





#49

Acenaphthylene

Concen: 44.195 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

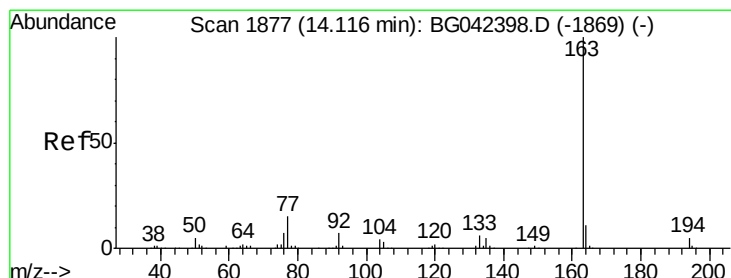
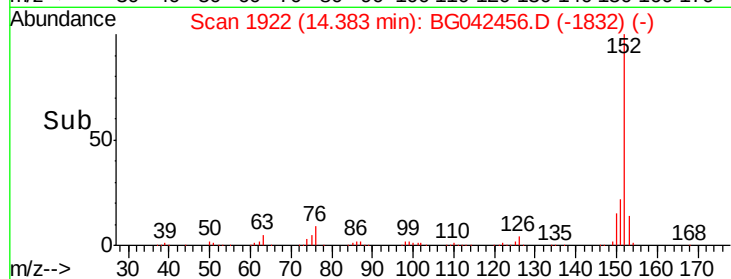
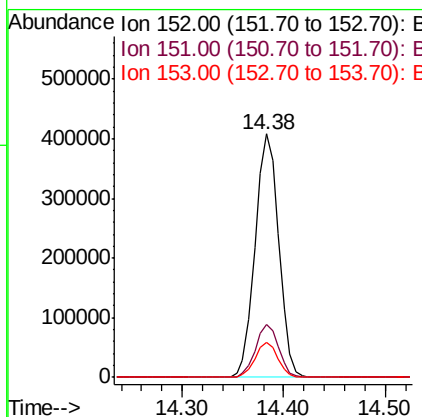
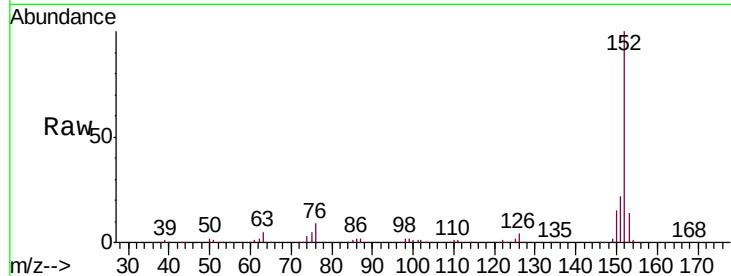
ClientSampleId :

TP-1(1-3)MSD

Tot Ion:	152	Resp:	661083
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.0	25.4
153	14.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 45.679 ng

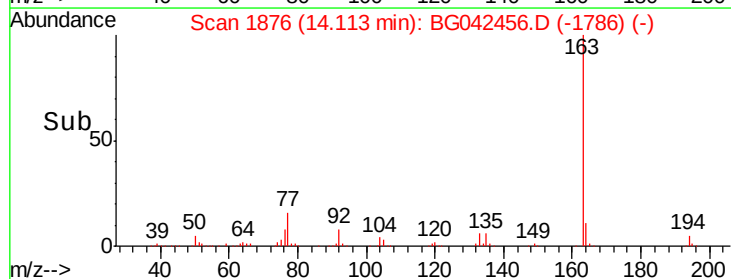
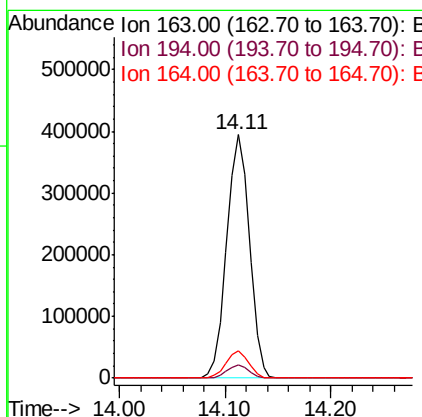
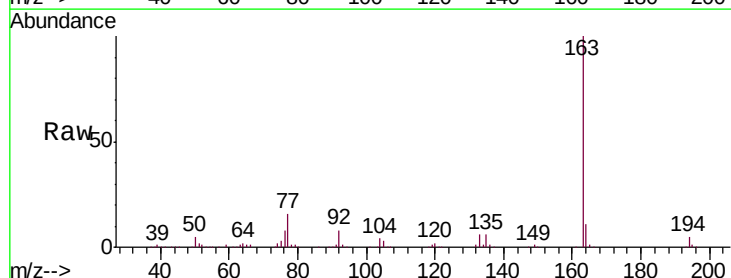
RT: 14.11 min Scan# 1876

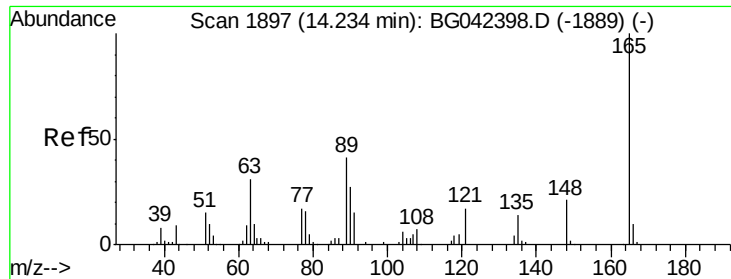
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	163	Resp:	587932
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	11.3	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 41.225 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

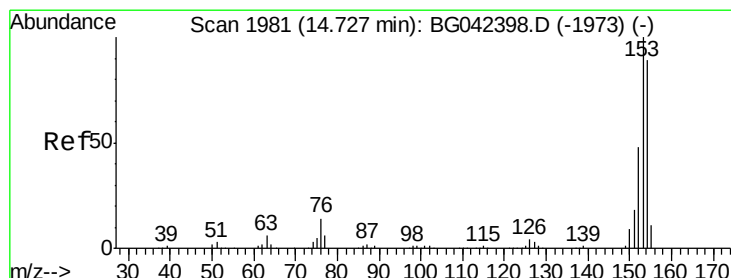
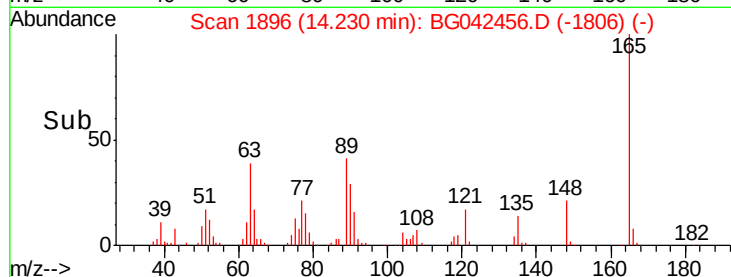
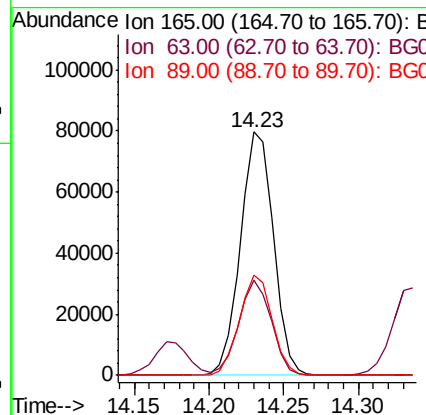
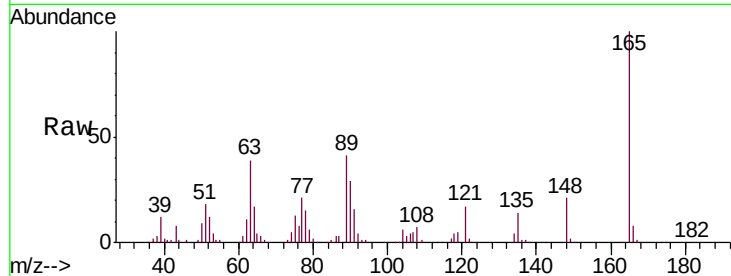
ClientSampled :

TP-1(1-3)MSD

Tot Ion:	165	Resp:	122990
Ion Ratio	Lower	Upper	
165	100		
63	39.1	30.6	45.8
89	41.3	32.6	49.0

Manual Integrations
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#52

Acenaphthene

Concen: 42.607 ng

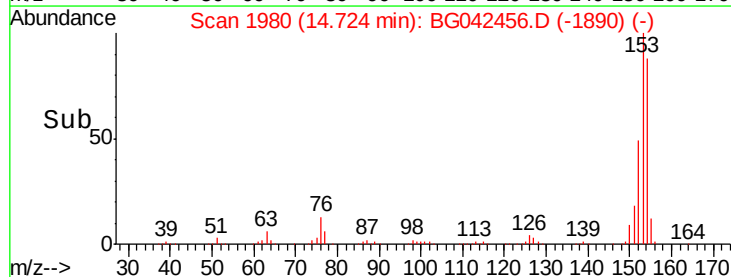
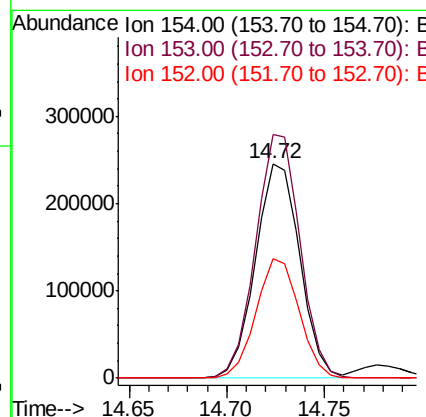
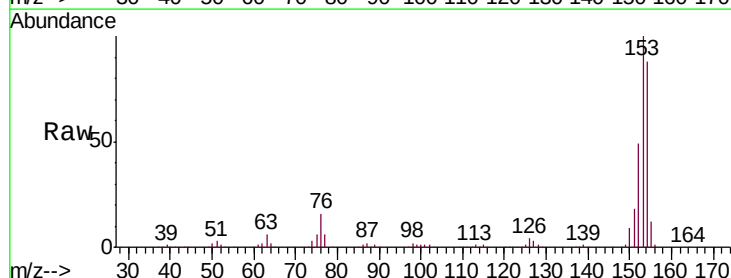
RT: 14.72 min Scan# 1980

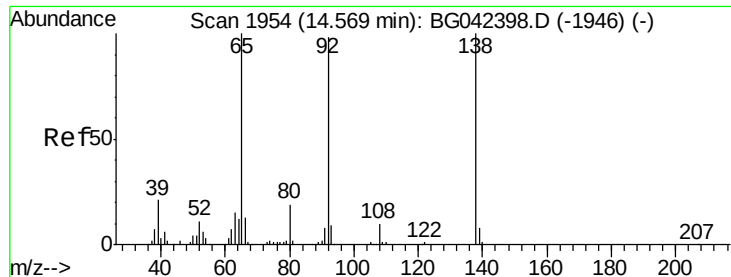
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	154	Resp:	386997
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.2	135.4
152	55.5	43.2	64.8





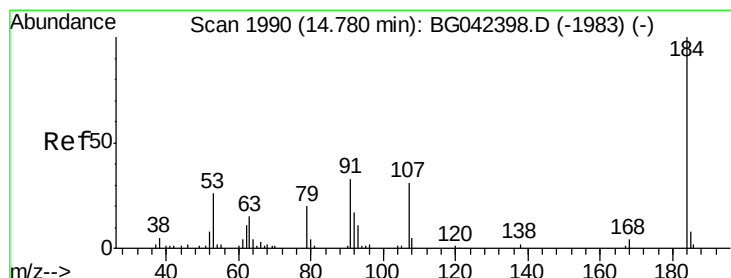
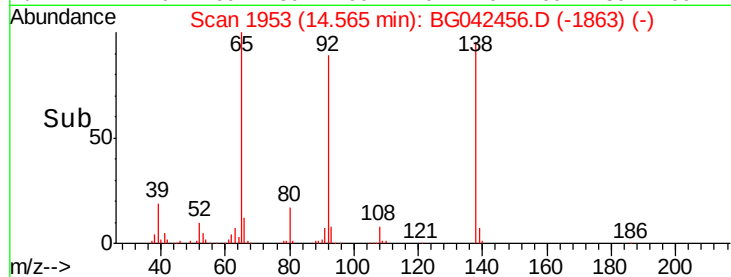
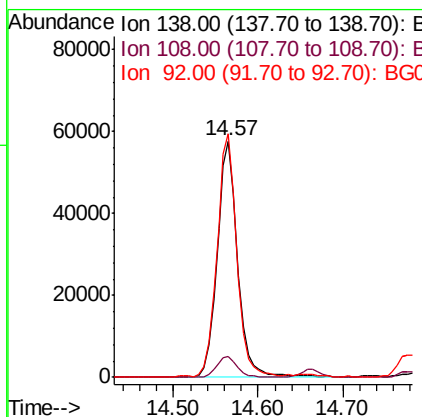
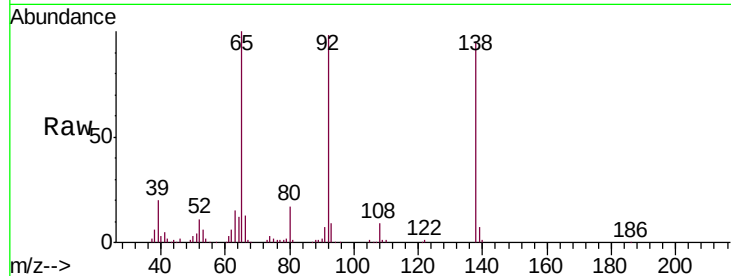
#53
 3-Nitroaniline
 Concen: 32.430 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.3	12.5
92	103.1	78.2	117.4

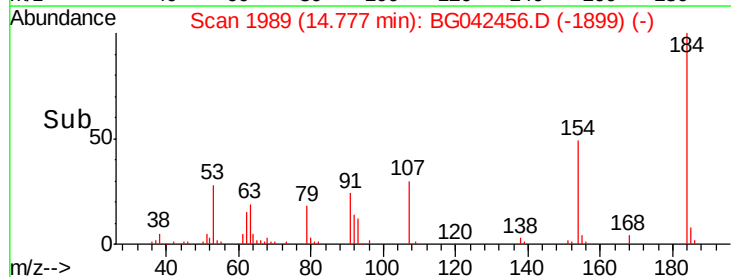
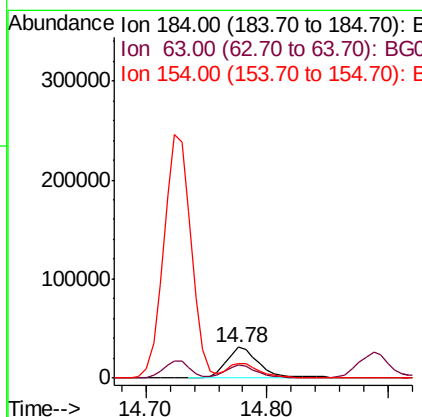
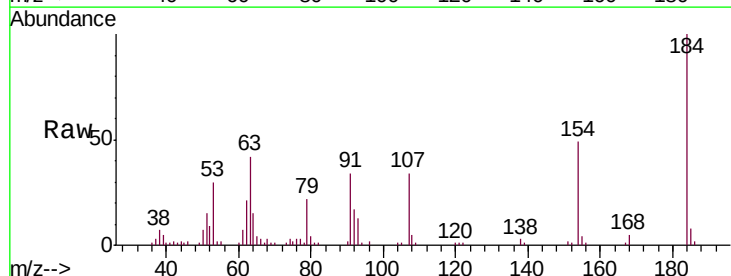
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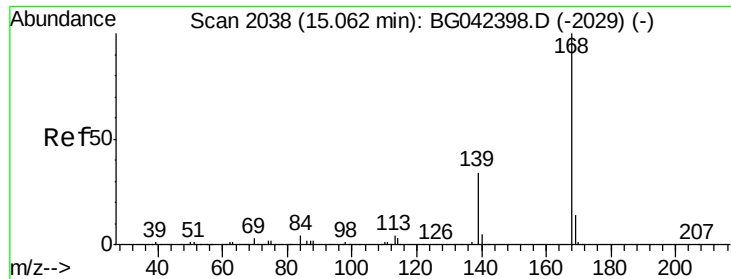
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#54
 2,4-Dinitrophenol
 Concen: 33.197 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	41.7	31.7	47.5
154	48.5	42.0	63.0





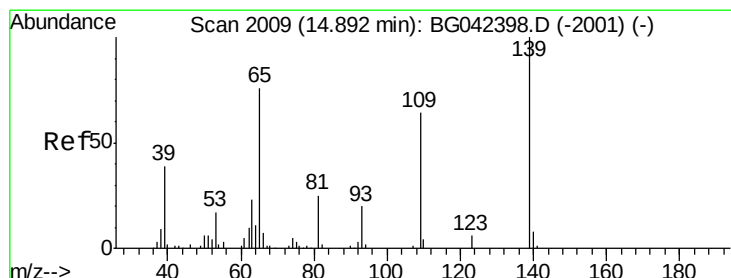
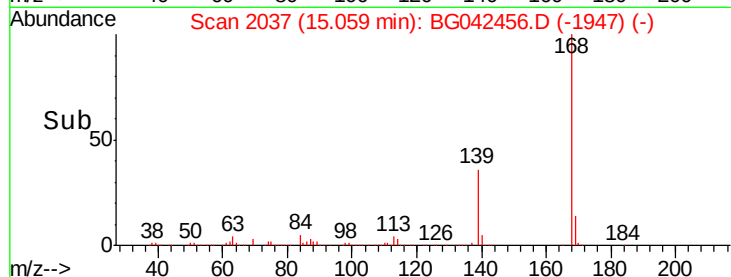
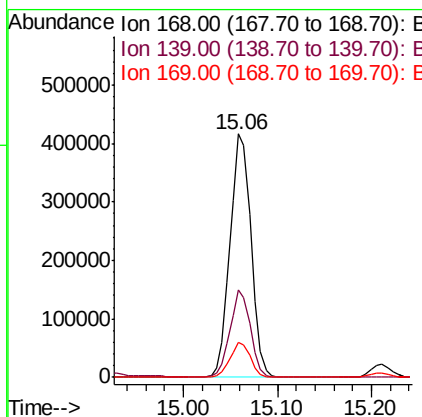
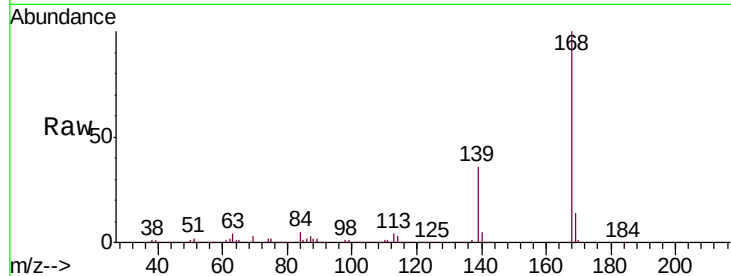
#55
Dibenzenofuran
Concen: 42.942 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	27.2	40.8
169	14.5	11.5	17.3

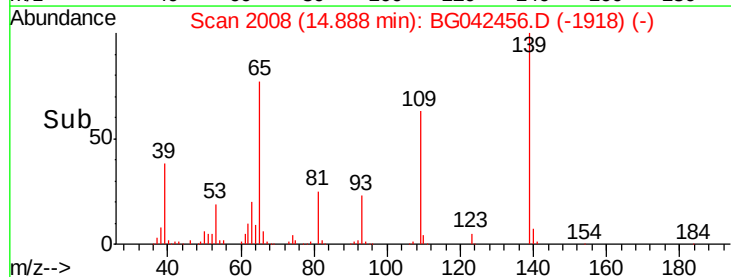
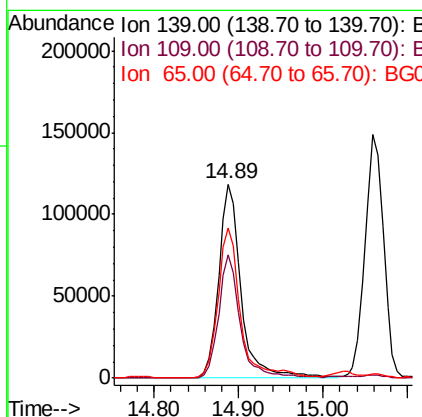
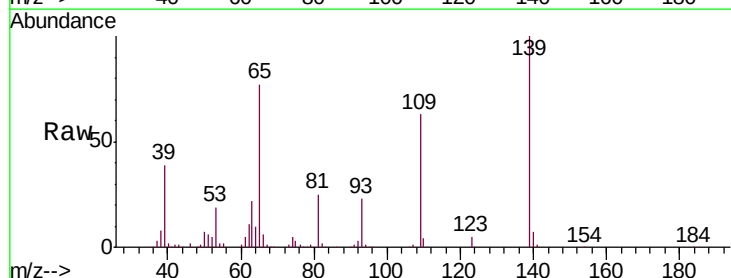
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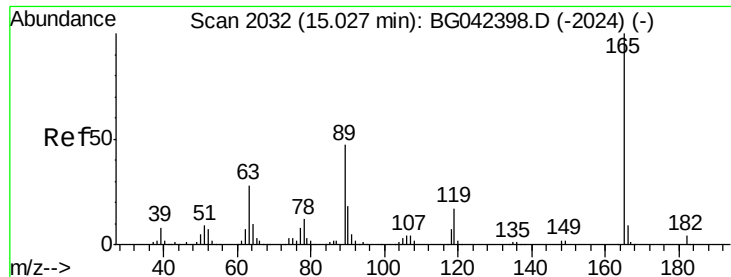
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#56
4-Nitrophenol
Concen: 103.286 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.4	43.9	83.9
65	77.4	56.3	96.3





#57

2,4-Dinitrotoluene

Concen: 40.736 ng

RT: 15.03 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

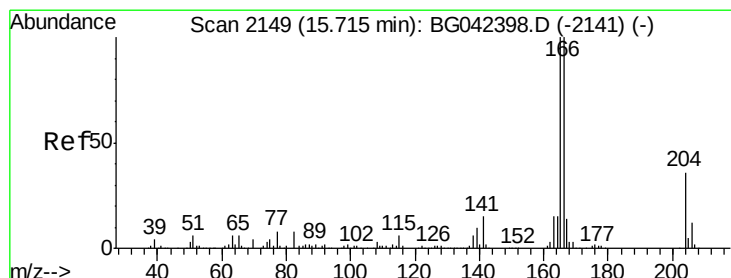
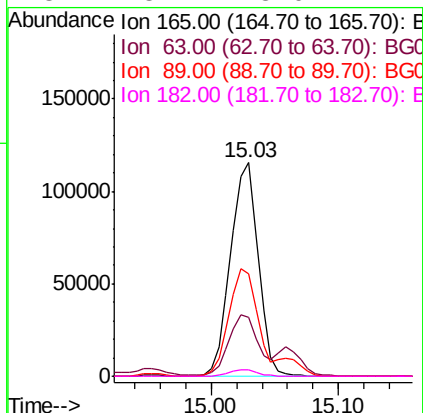
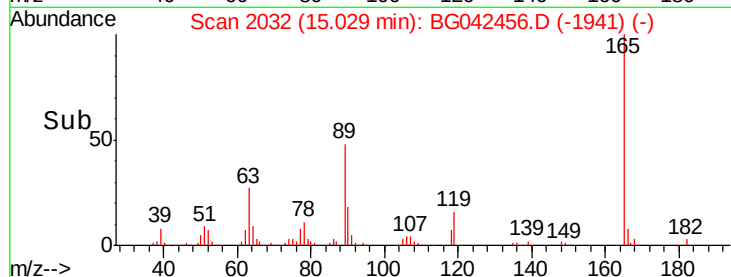
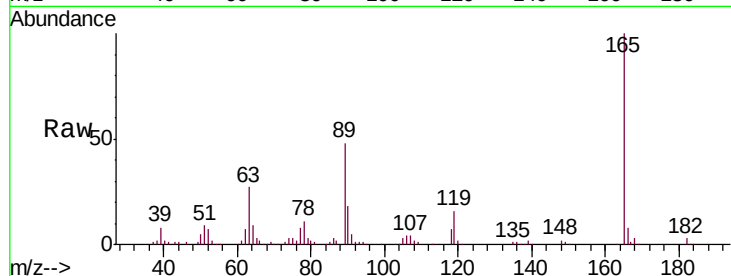
ClientSampleId :

TP-1(1-3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		174029		
63	27.4	22.5	33.7		
89	48.0	37.8	56.6		
182	3.1	3.0	4.4		

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#58

Fluorene

Concen: 41.991 ng

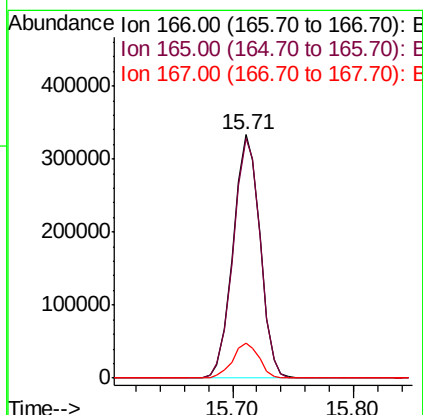
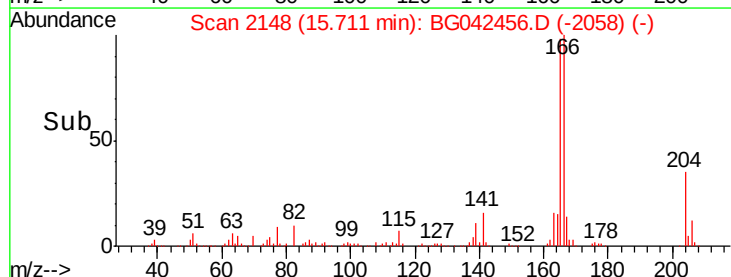
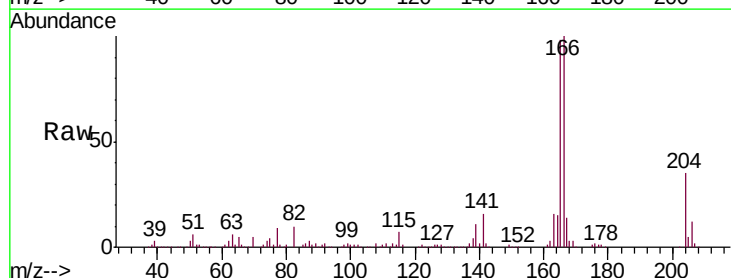
RT: 15.71 min Scan# 2148

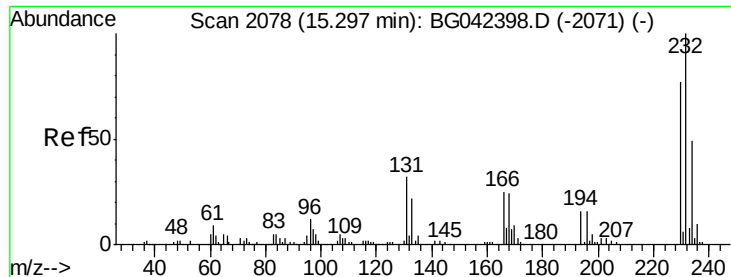
Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		516071		
165	98.4	79.7	119.5		
167	14.3	10.9	16.3		





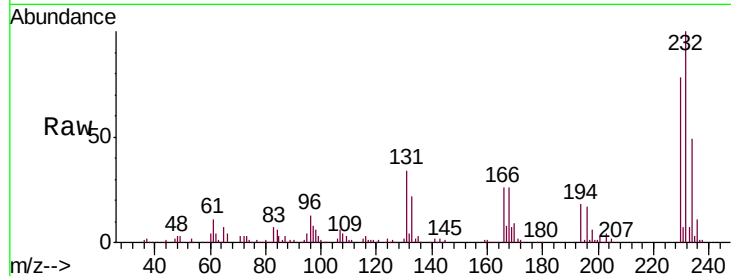
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.313 ng m
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		167906		
131	29.4	22.9	34.3		
130	1.8	1.4	2.0		
166	21.0	17.0	25.4		

Manual Integrations
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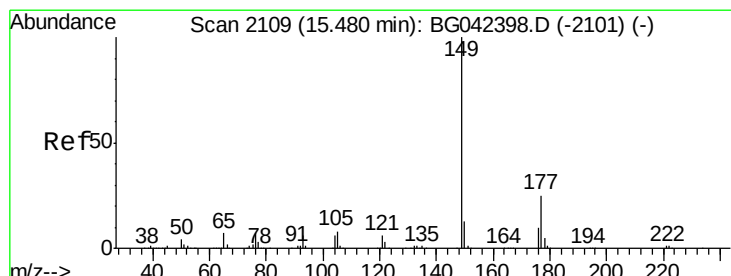
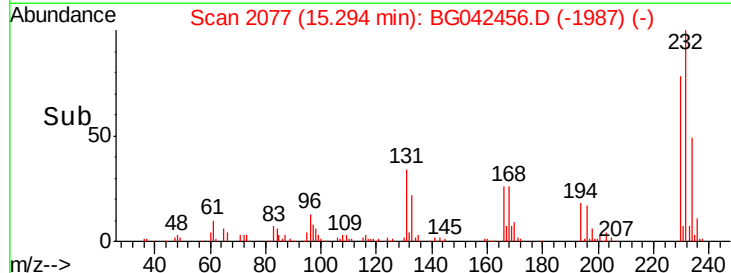
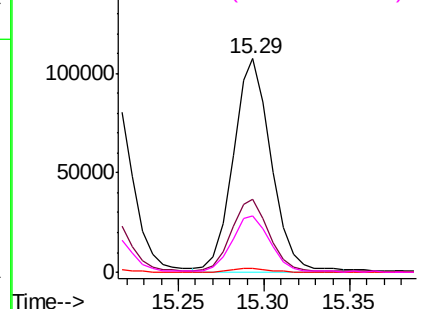
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

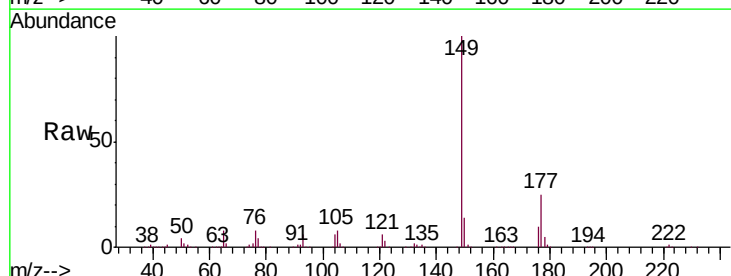
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.522 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		509851		
177	25.4	20.4	30.6		
150	13.7	10.3	15.5		

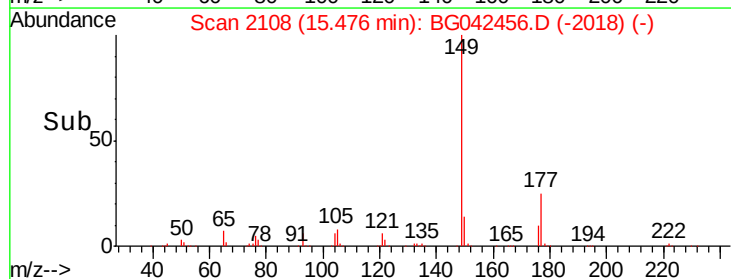
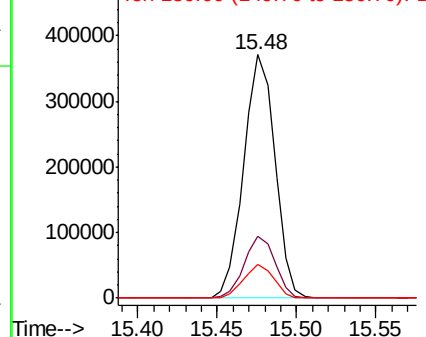


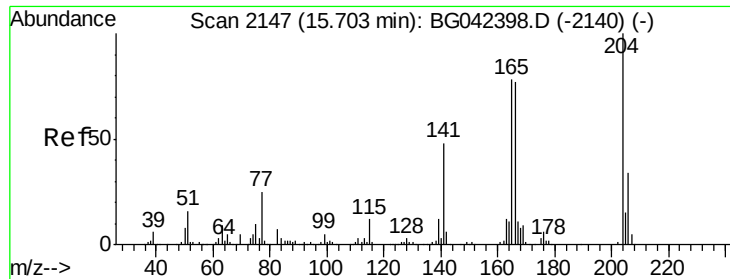
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





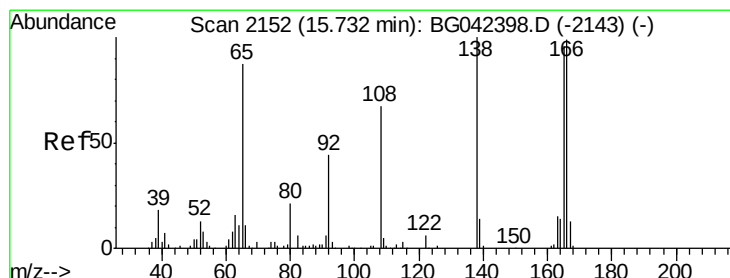
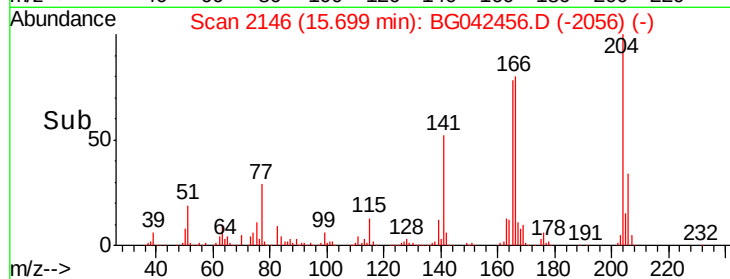
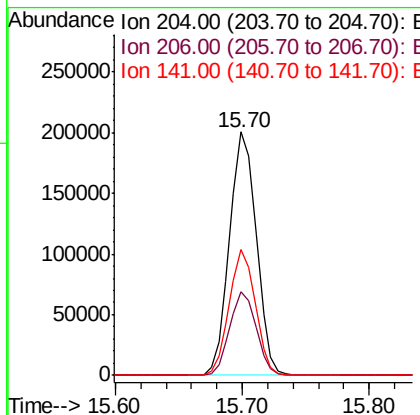
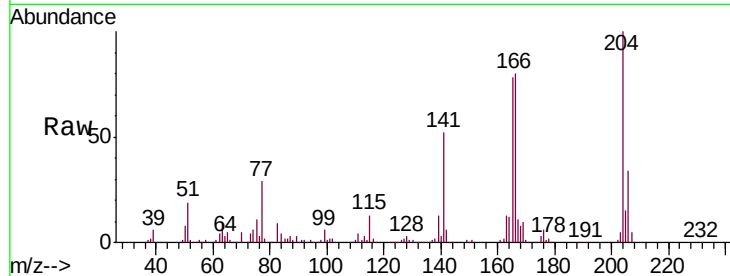
#61
4-Chlorophenyl-phenylether
Concen: 39.543 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100	292962		
206	34.2	27.2	40.8	
141	51.8	38.7	58.1	

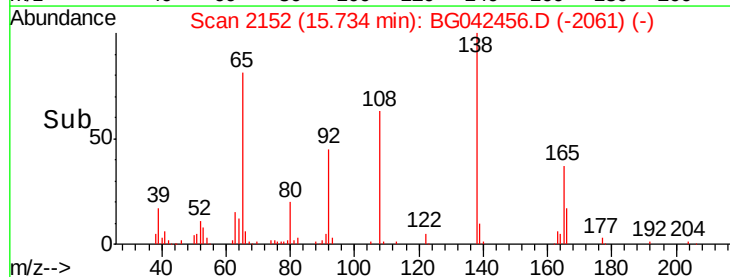
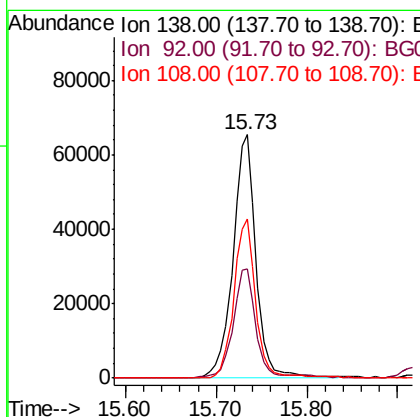
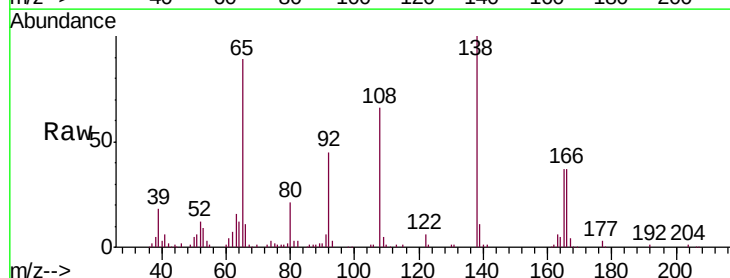
Manual Integrations
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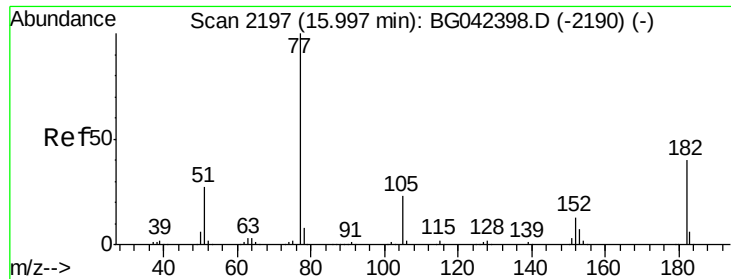
Jagrut
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#62
4-Nitroaniline
Concen: 36.376 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	116160		
92	45.0	24.2	64.2	
108	65.5	46.8	86.8	





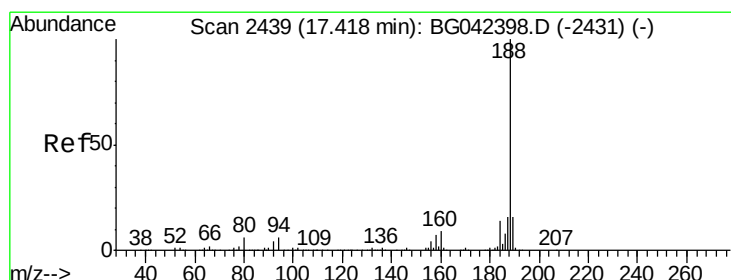
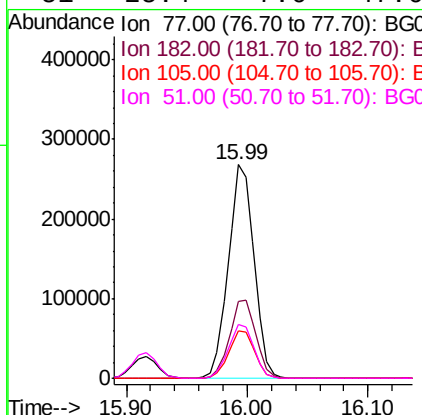
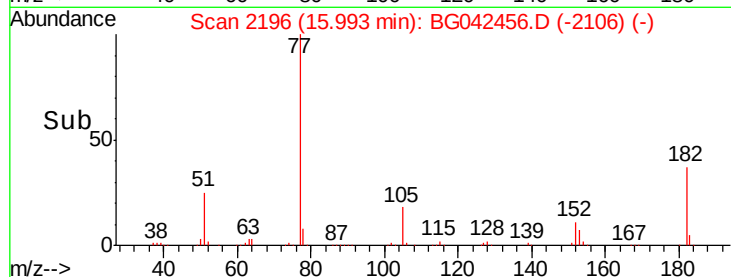
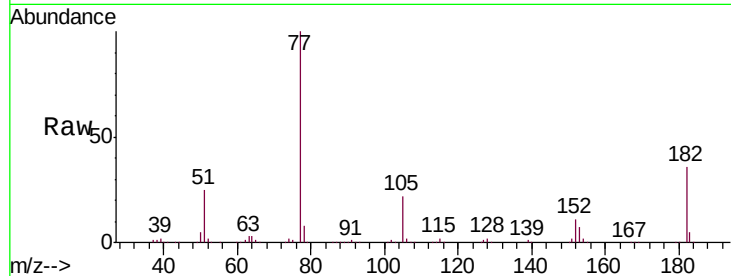
#63
Azobenzene
Concen: 45.717 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	35.8	19.9	59.9		
105	22.2	2.9	42.9		
51	25.4	7.6	47.6		

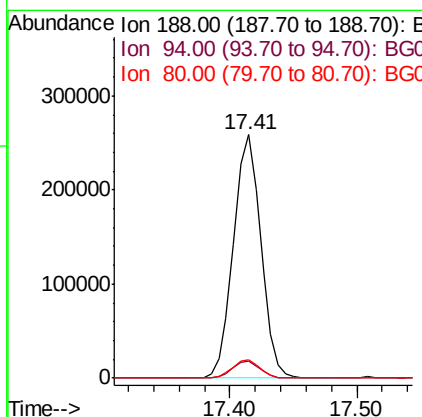
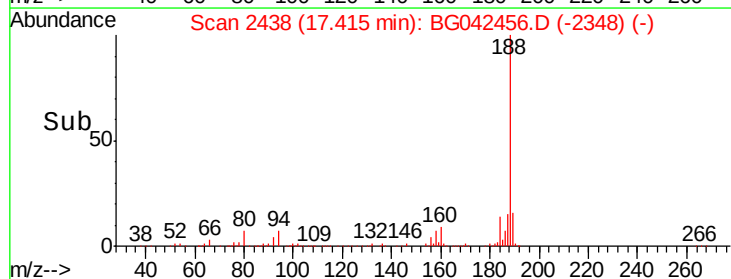
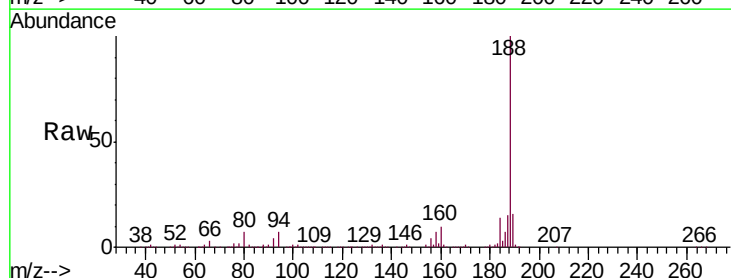
Manual Integrations
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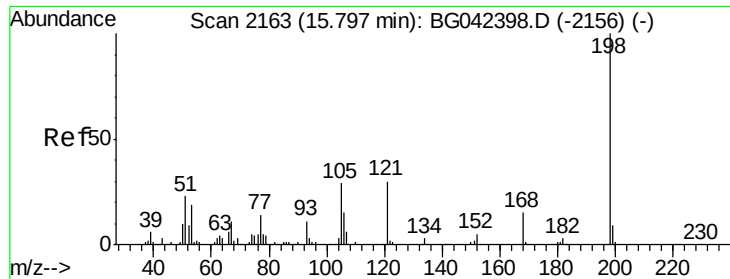
Jagrut
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.2	4.5	6.7#		
80	7.5	4.9	7.3#		





#65

4,6-Dinitro-2-methylphenol

Concen: 22.418 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

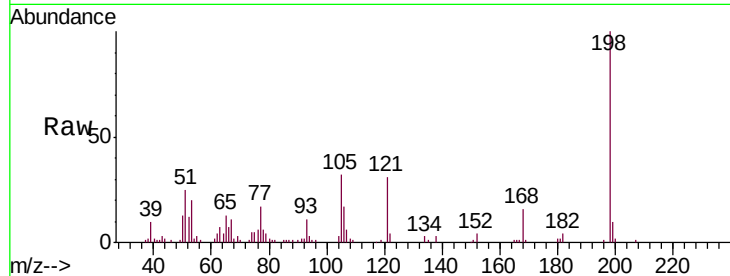
ClientSampleId :

TP-1(1-3)MSD

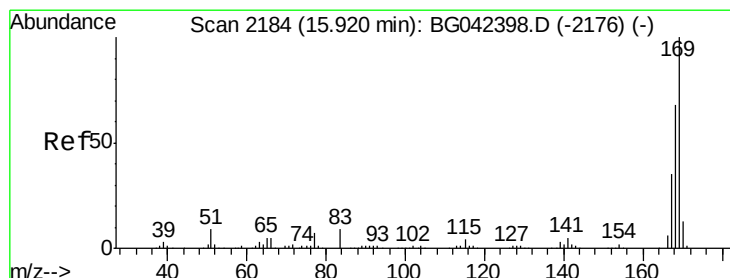
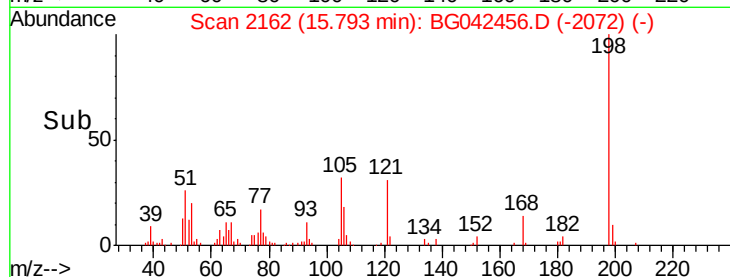
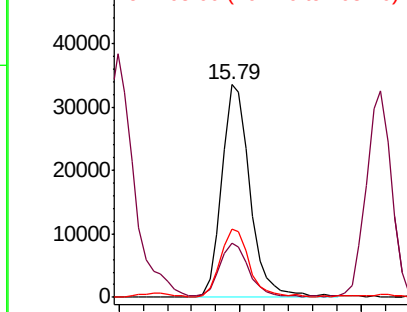
Tot Ion:	198	Resp:	54359
Ion Ratio	Lower	Upper	
198	100		
51	25.5	4.2	44.2
105	32.2	8.8	48.8

Manual Integrations
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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: 44.732 ng

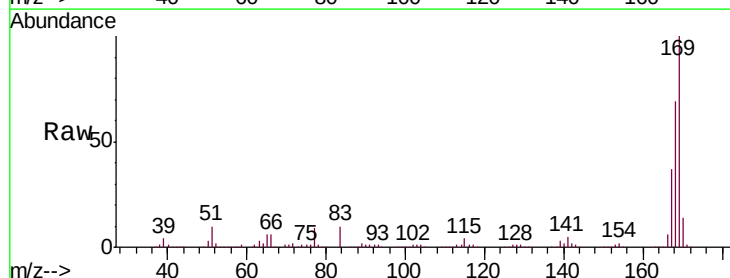
RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

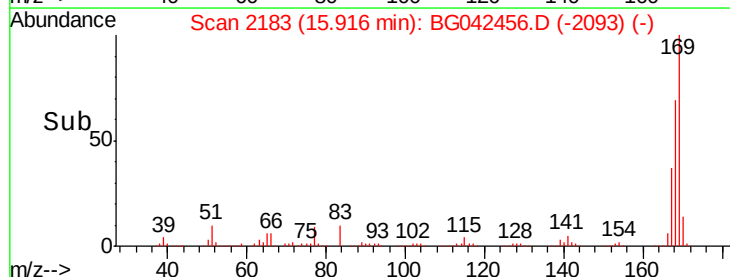
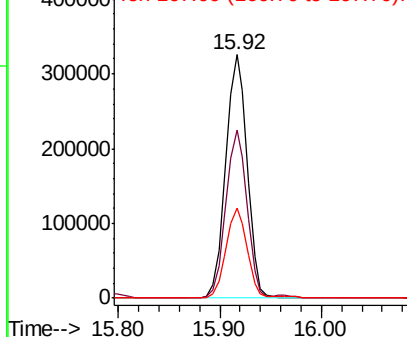
Lab File: BG042456.D

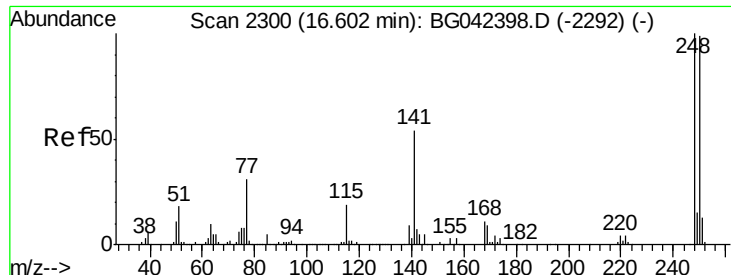
Acq: 24 Aug 2019 7:41

Tgt Ion:	169	Resp:	475770
Ion Ratio	Lower	Upper	
169	100		
168	69.1	54.3	81.5
167	37.1	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: 40.693 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

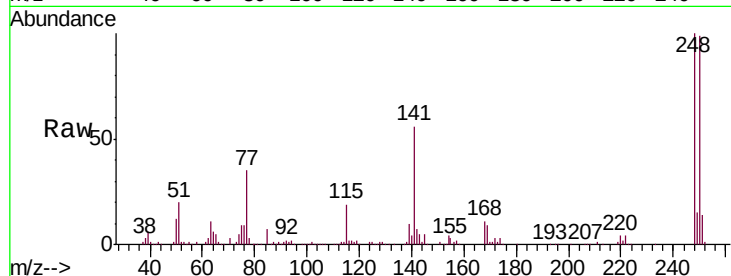
ClientSampled :

TP-1(1-3)MSD

Tot Ion:	248	Resp:	199629
Ion Ratio	Lower	Upper	
248	100		
250	99.2	78.9	118.3
141	56.1	43.3	64.9

Manual Integrations
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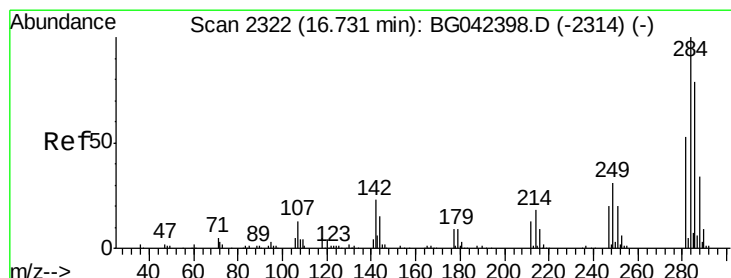
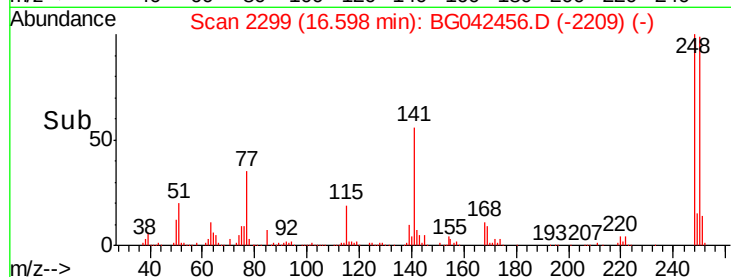
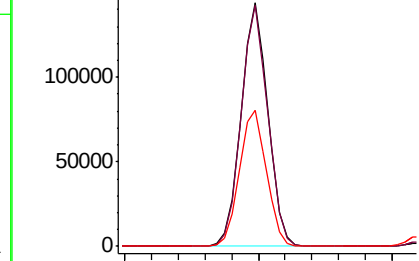
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.60



#68

Hexachlorobenzene

Concen: 38.964 ng

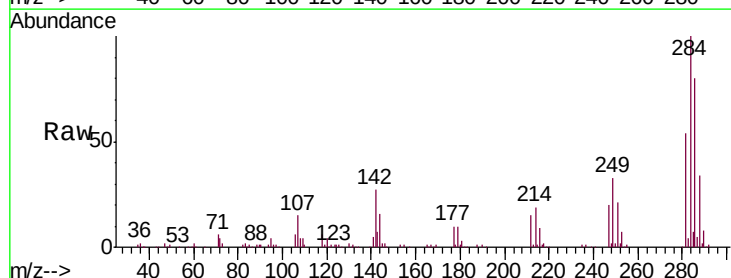
RT: 16.73 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion:	284	Resp:	207792
Ion Ratio	Lower	Upper	
284	100		
142	26.8	18.2	27.4
249	32.9	25.0	37.4



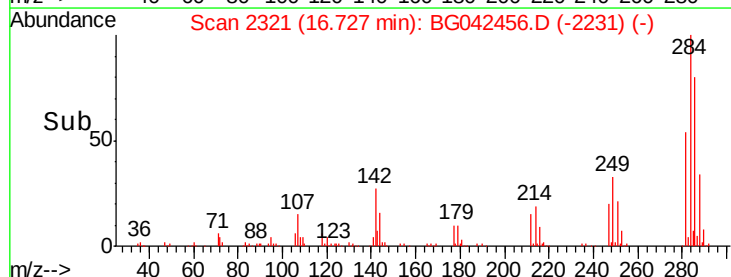
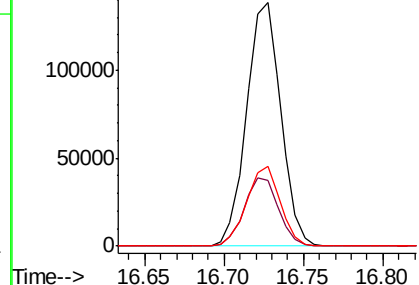
Abundance

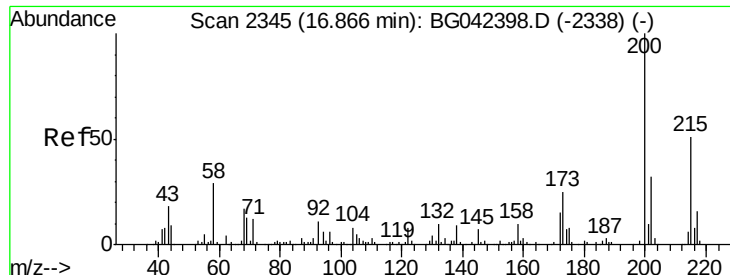
Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.73





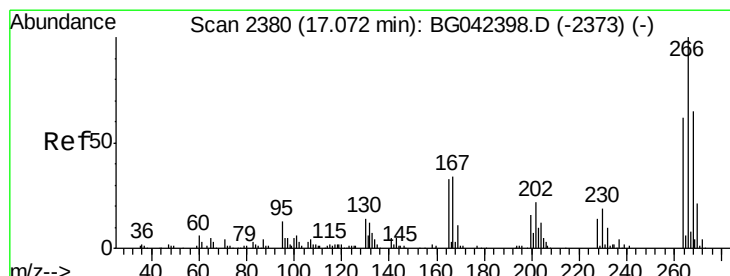
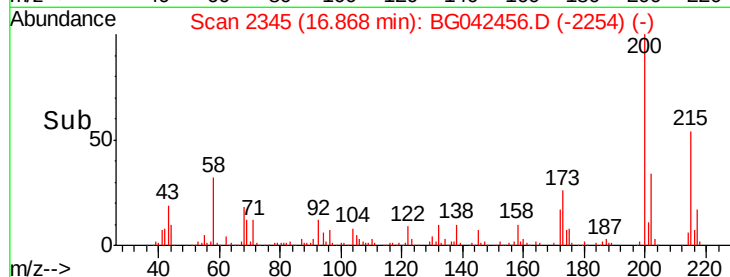
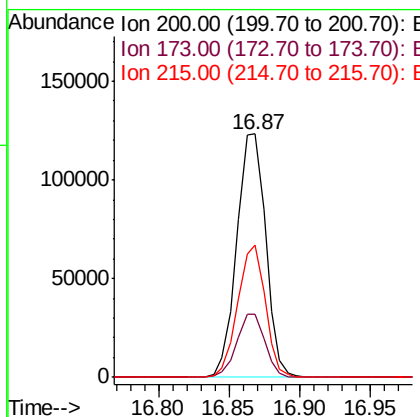
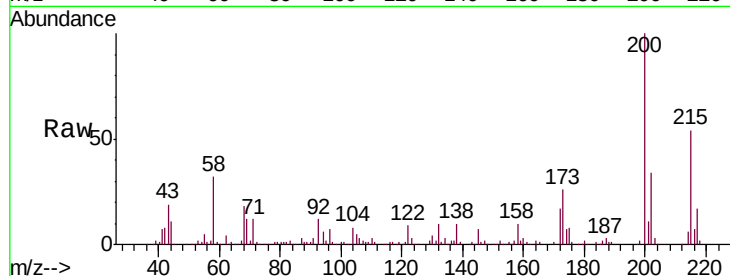
#69
 Atrazine
 Concen: 47.045 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. 0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.0	4.9	44.9
215	54.3	30.7	70.7

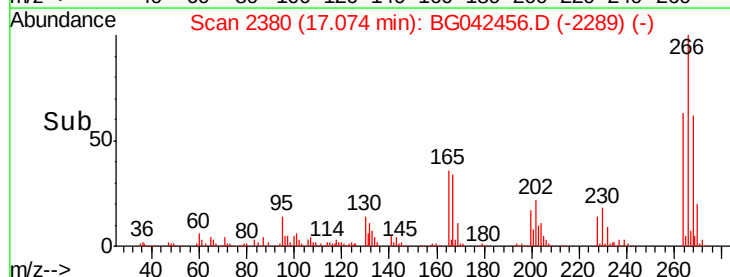
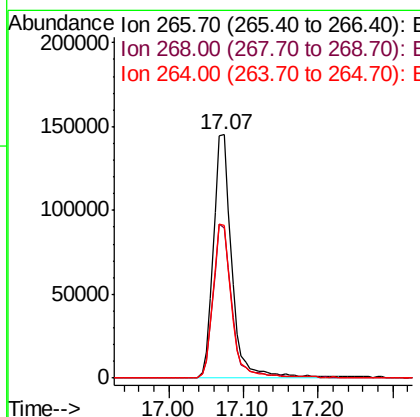
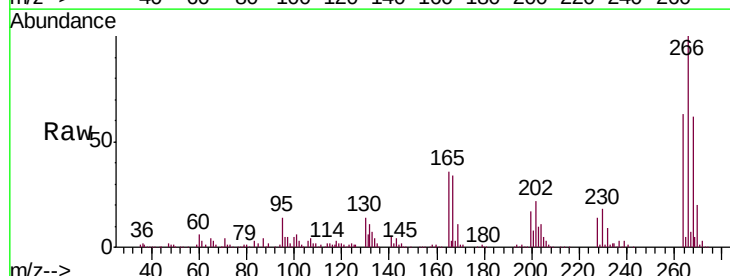
Manual Integrations
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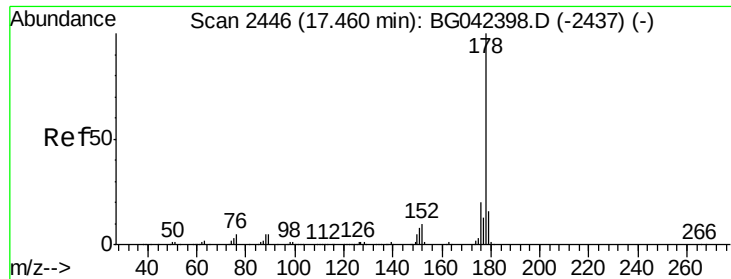
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#70
 Pentachlorophenol
 Concen: 89.882 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.8	52.1	78.1
264	62.7	49.4	74.2





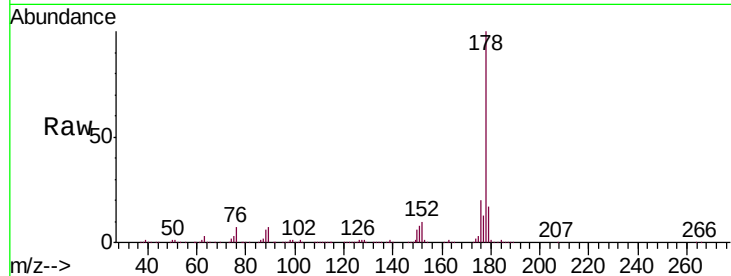
#71
Phenanthrene
Concen: 44.214 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

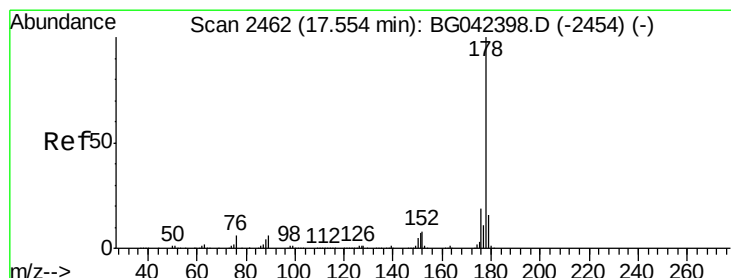
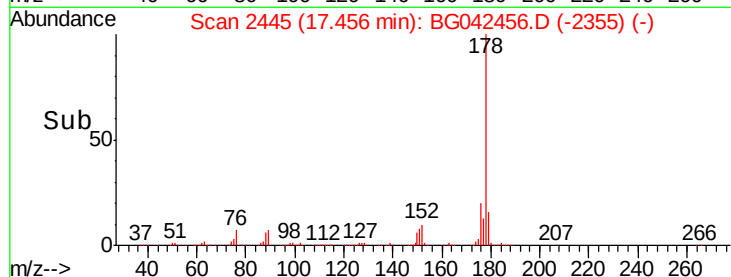
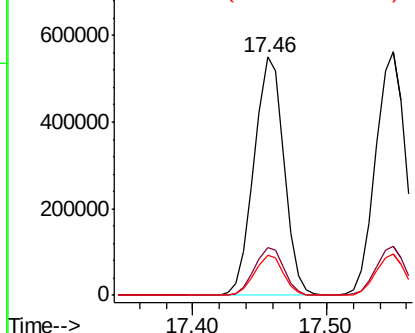
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	17.0	12.7	19.1

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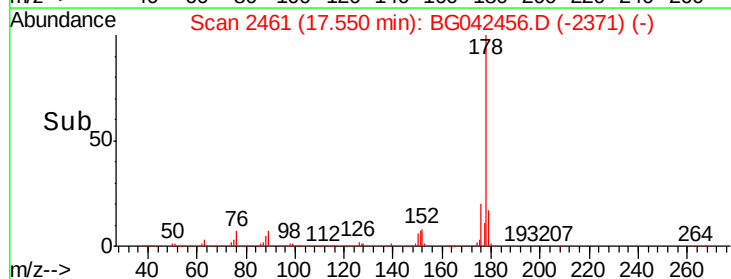
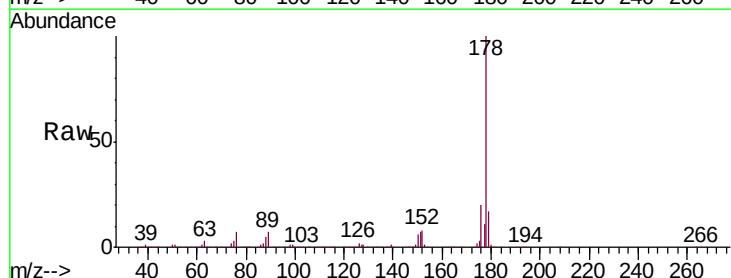
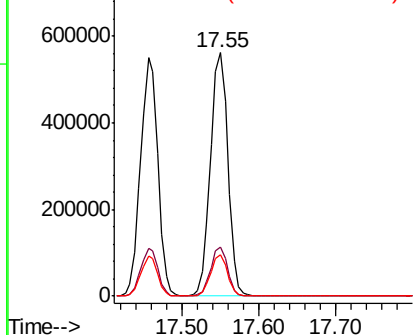
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

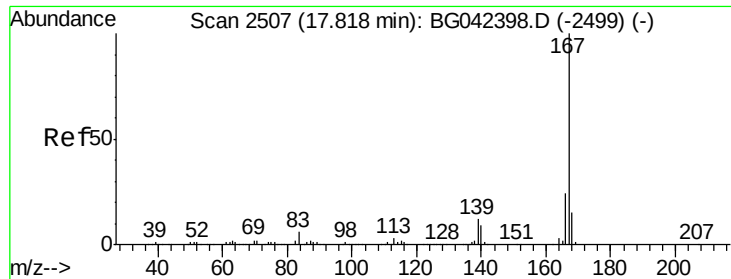


#72
Anthracene
Concen: 45.530 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	17.1	12.9	19.3

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





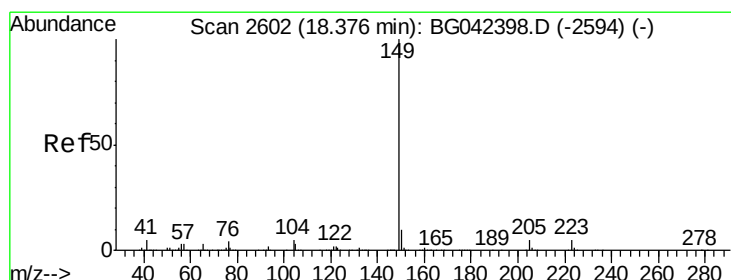
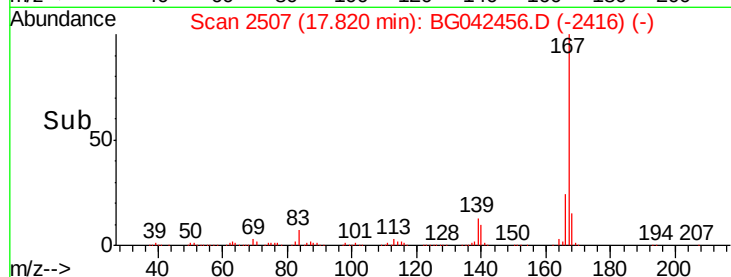
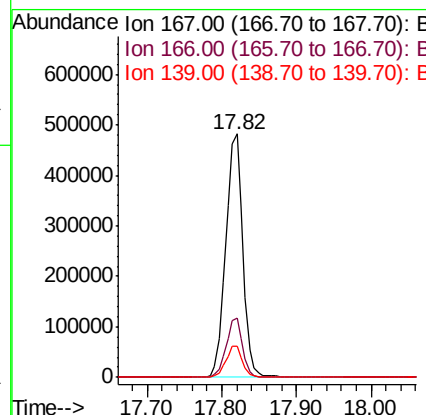
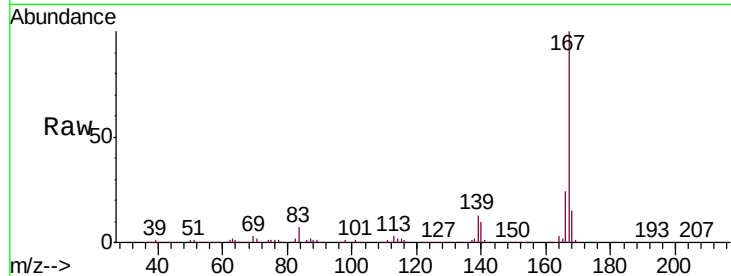
#73
 Carbazole
 Concen: 44.945 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.9	28.3
139	12.7	9.8	14.6

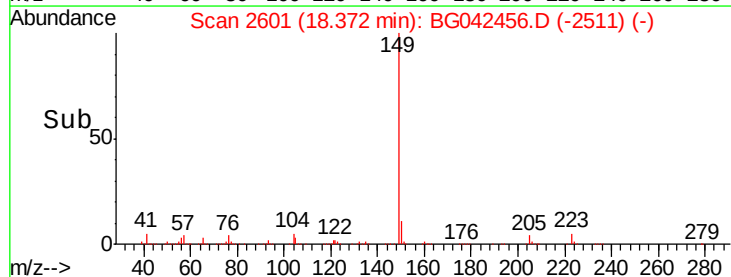
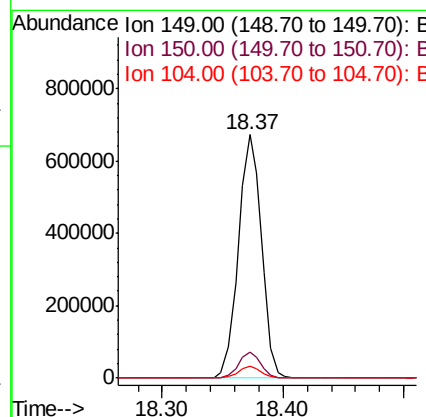
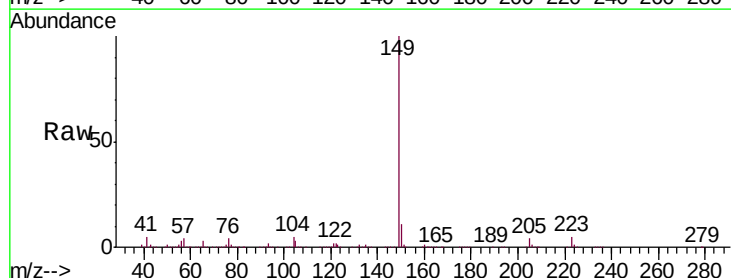
Manual Integrations
 APPROVED

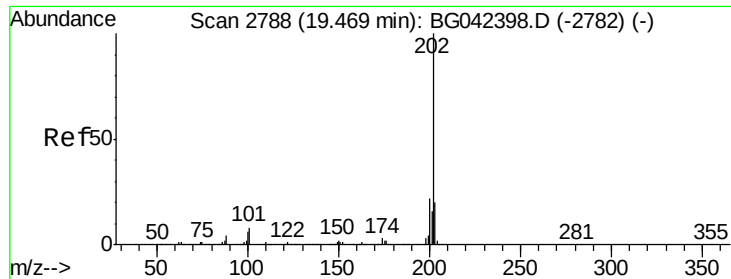
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#74
 Di-n-butylphthalate
 Concen: 44.244 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042456.D
 Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 44.819 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

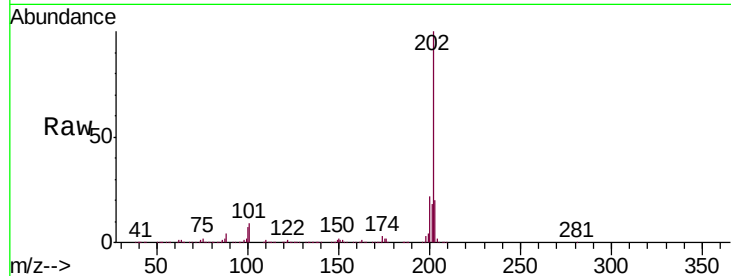
ClientSampleId :

TP-1(1-3)MSD

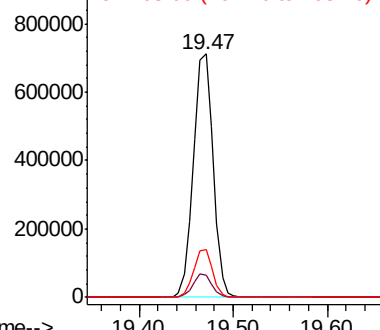
Tot Ion:	202	Resp:	1050808
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.3
203	19.7	0.0	39.6

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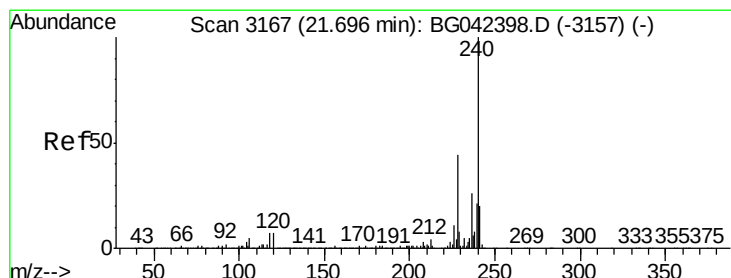
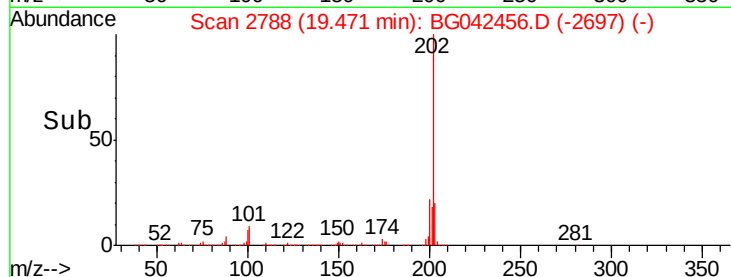
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

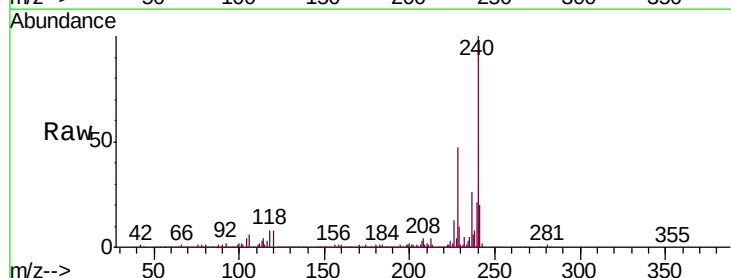
RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

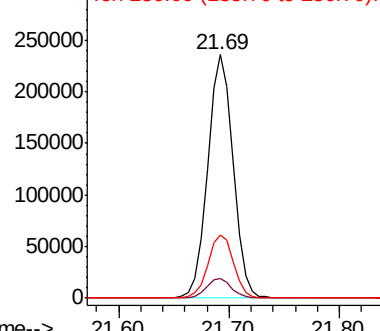
Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

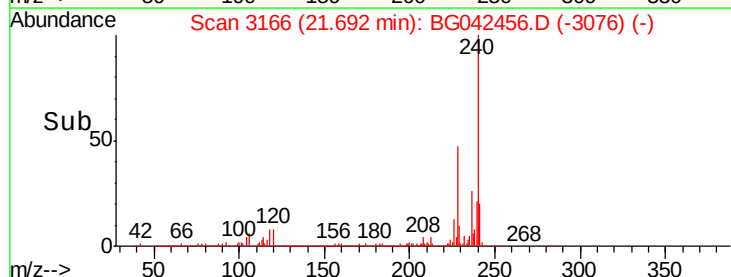
Tgt Ion:	240	Resp:	380706
Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.7	8.5
236	25.8	21.0	31.4

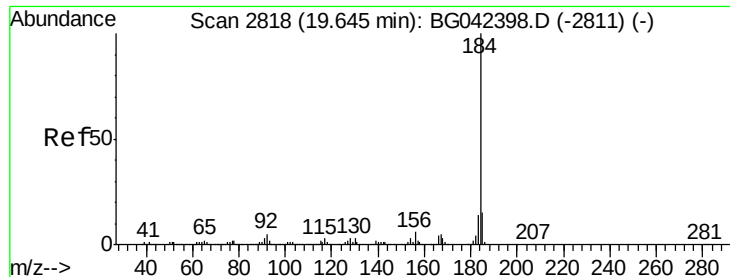


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 58.510 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

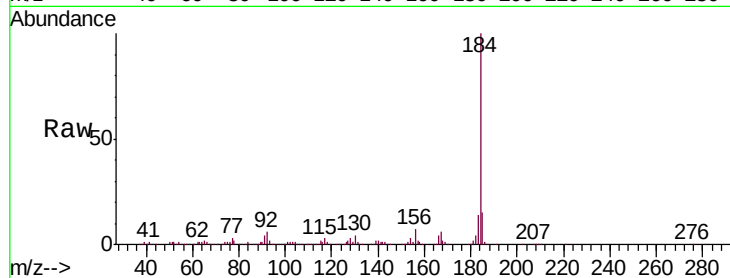
ClientSampleId :

TP-1(1-3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	15.3	12.2	18.4		
183	14.2	10.8	16.2		

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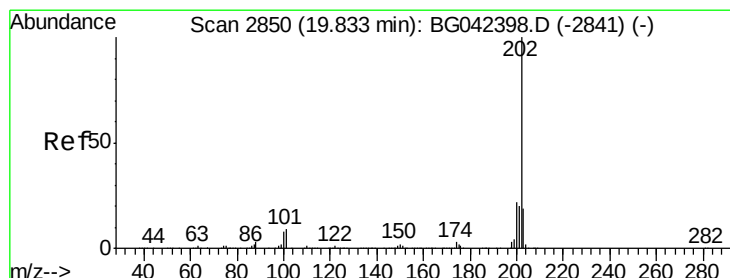
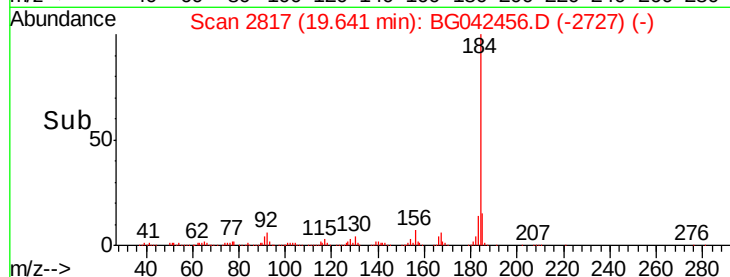
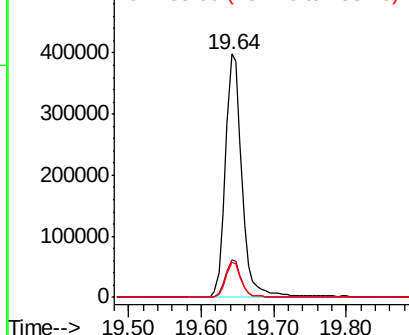


Abundance

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: 44.861 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

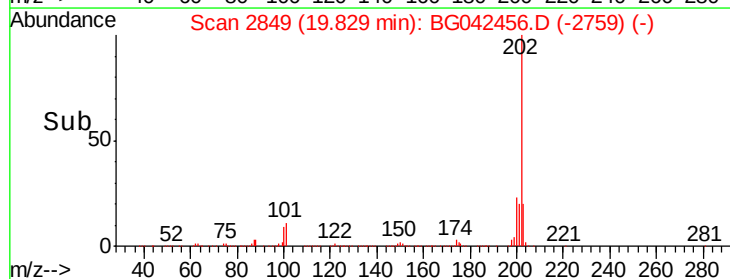
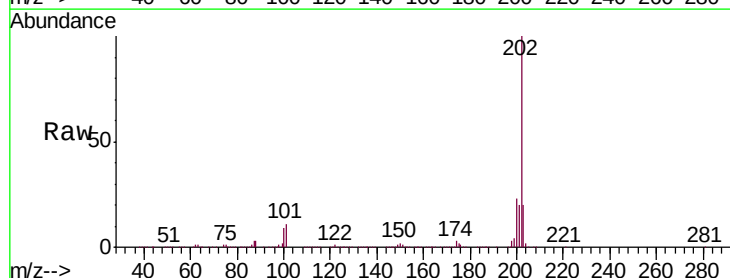
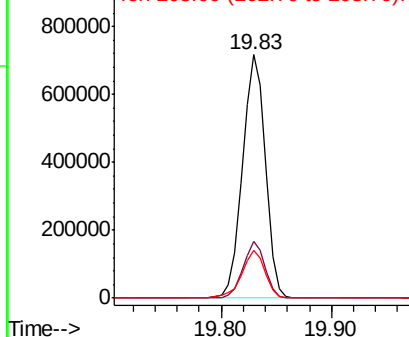
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	23.4	17.8	26.6		
203	19.8	15.5	23.3		

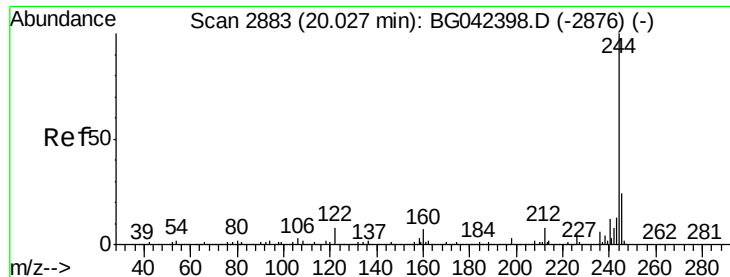
Abundance

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: 80.347 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

ClientSampled :

TP-1(1-3)MSD

Tot Ion:244 Resp: 1414876

Ion Ratio Lower Upper

244 100

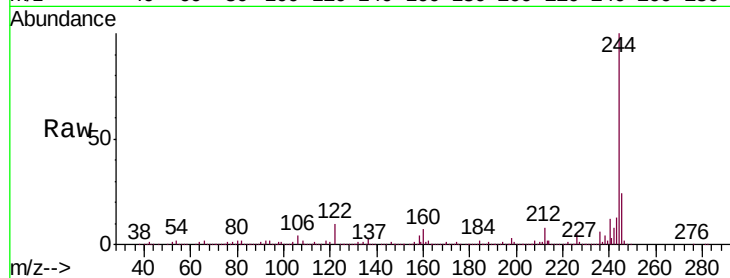
212 8.0 6.0 9.0

122 10.0 6.7 10.1

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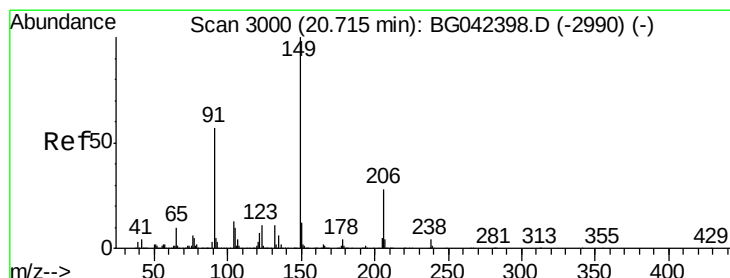
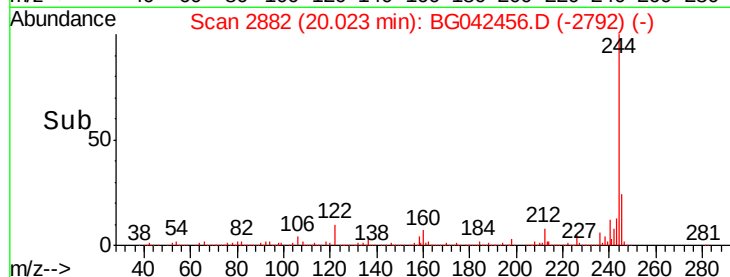
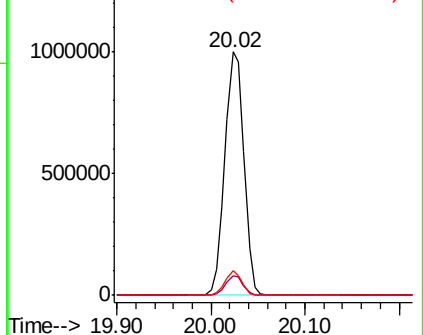
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.375 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

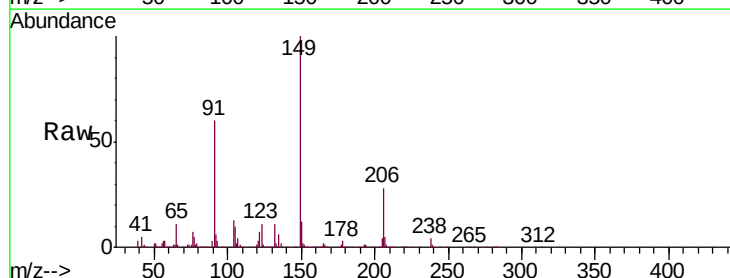
Tgt Ion:149 Resp: 416563

Ion Ratio Lower Upper

149 100

91 59.8 45.9 68.9

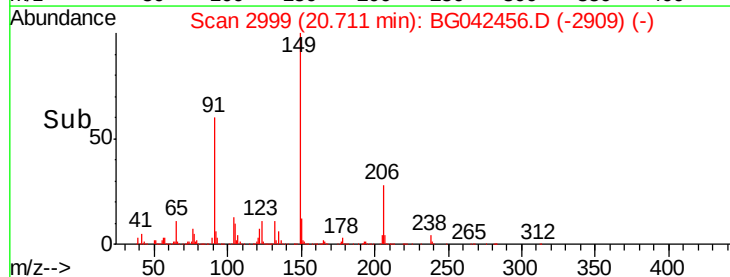
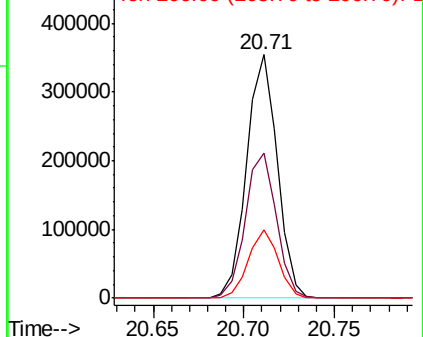
206 27.9 22.5 33.7

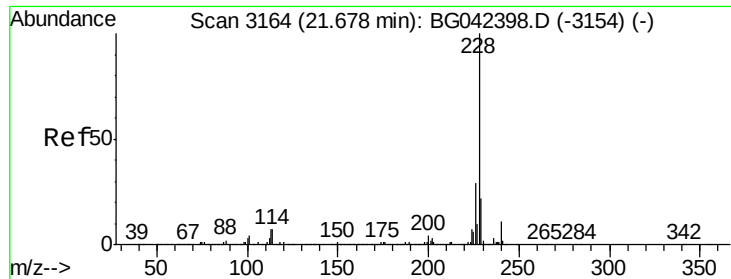


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.084 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Instrument :

BNA_G

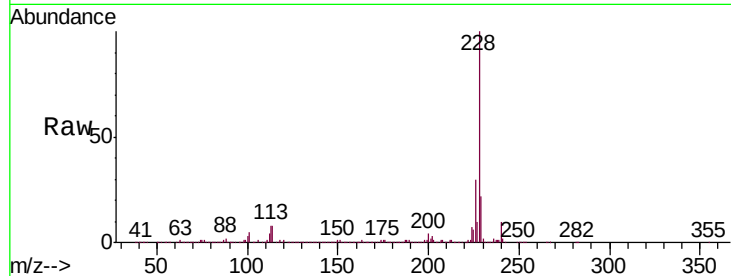
ClientSampleId :

TP-1(1-3)MSD

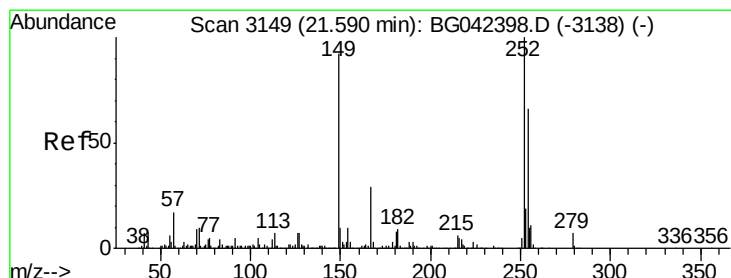
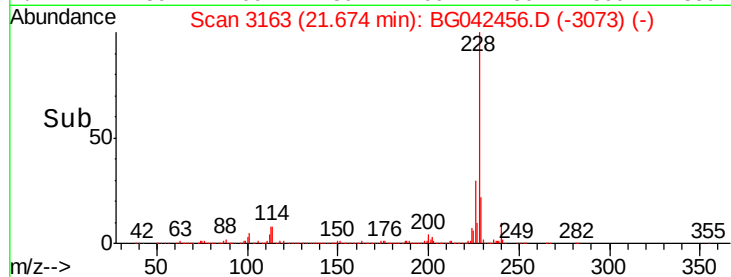
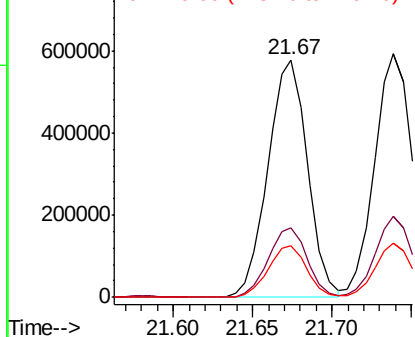
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		997775		
226	29.5	23.4	35.2		
229	21.8	17.4	26.2		

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.047 ng

RT: 21.58 min Scan# 3147

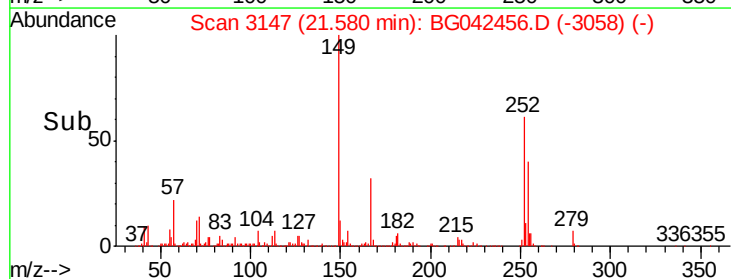
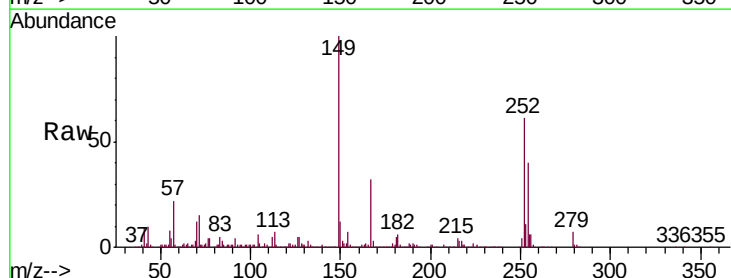
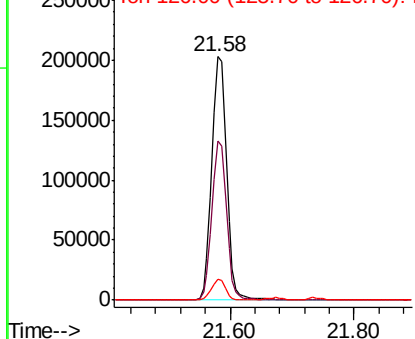
Delta R.T. -0.01 min

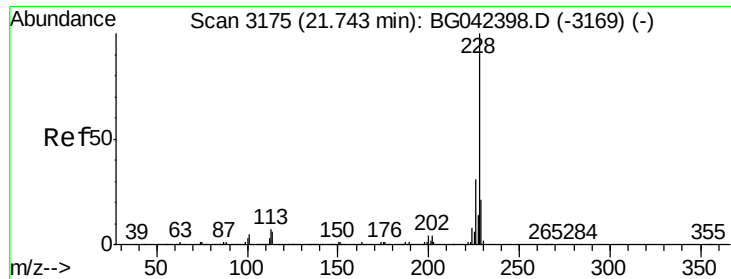
Lab File: BG042456.D

Acq: 24 Aug 2019 7:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		335745		
254	65.3	53.0	79.4		
126	8.7	5.7	8.5#		

Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





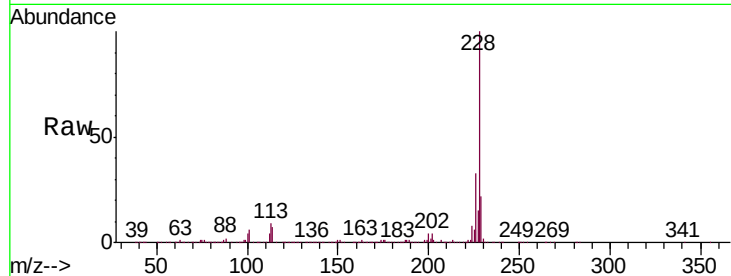
#83
Chrysene
Concen: 43.840 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	22.2	16.9	25.3

Manual Integrations
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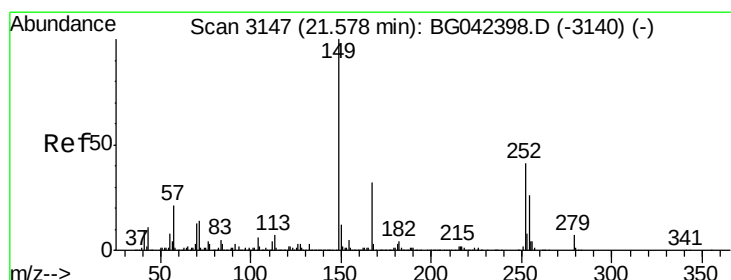
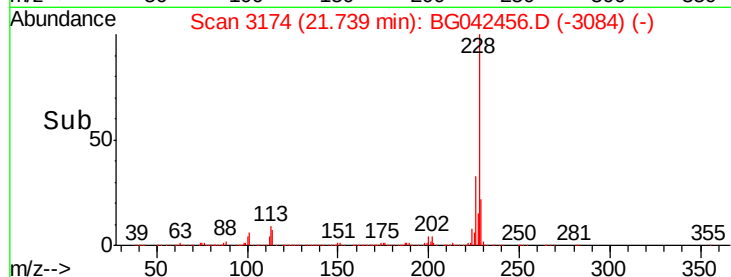
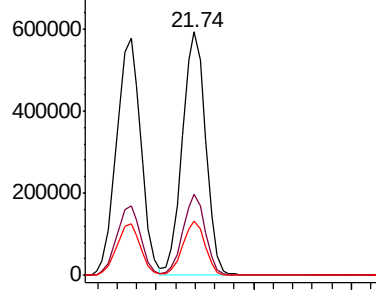


Abundance

Ion 228.00 (227.70 to 228.70): E

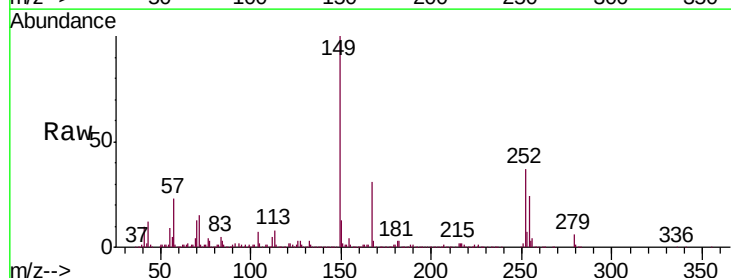
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.629 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.1	26.0	39.0
279	6.4	5.4	8.0

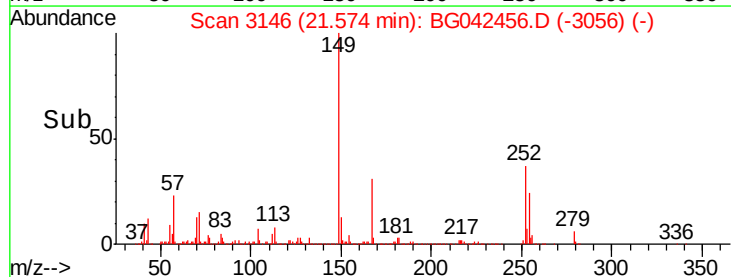
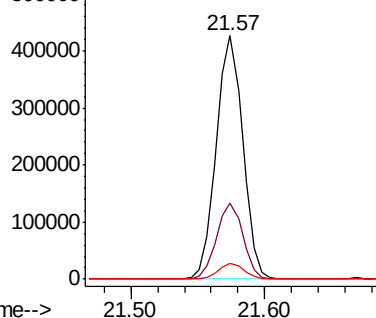


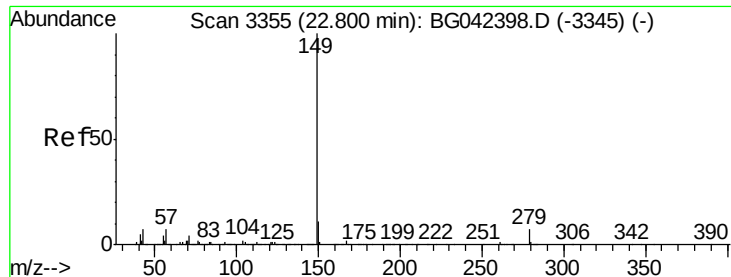
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





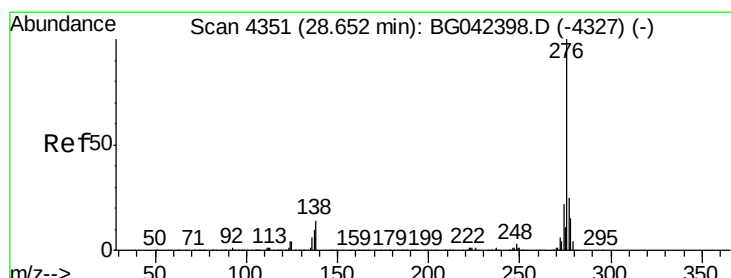
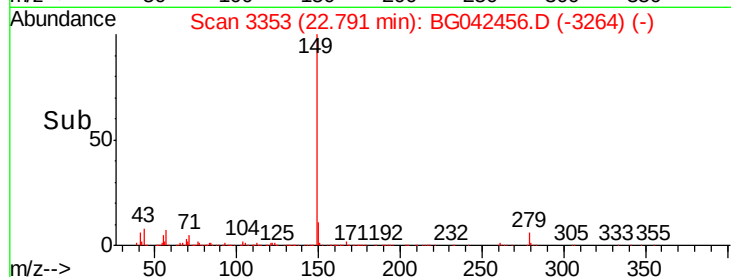
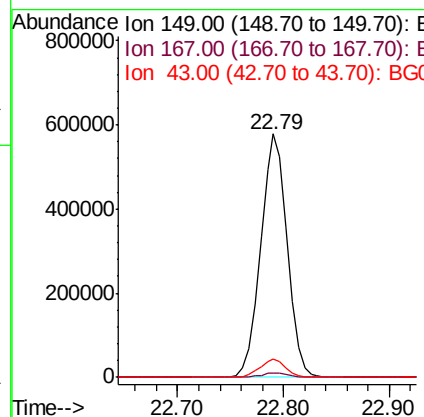
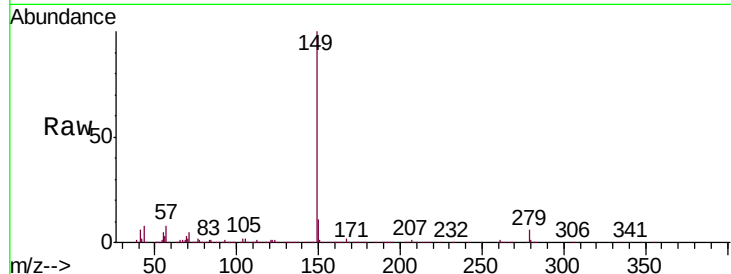
#85
Di-n-octyl phthalate
Concen: 45.721 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	149	Resp	1002349
Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.6	2.4
43	7.2	5.3	7.9

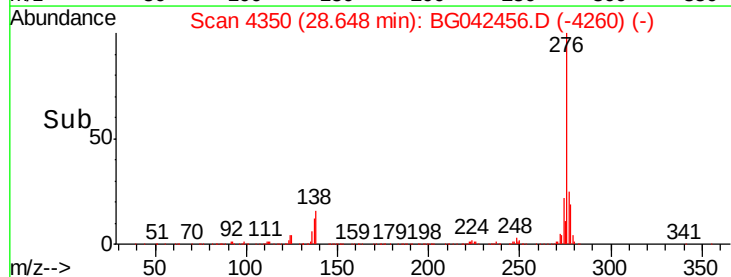
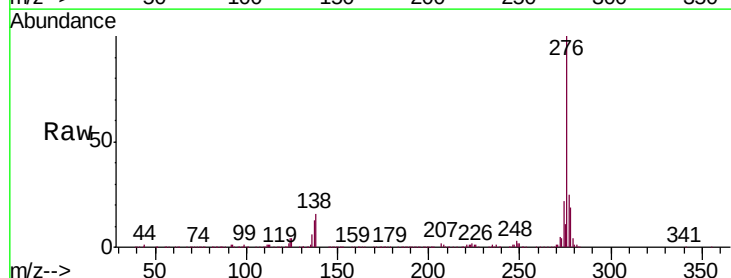
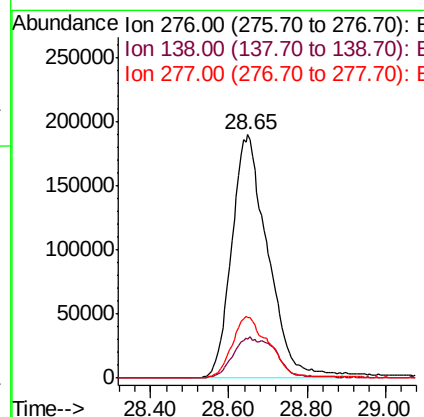
Manual Integrations
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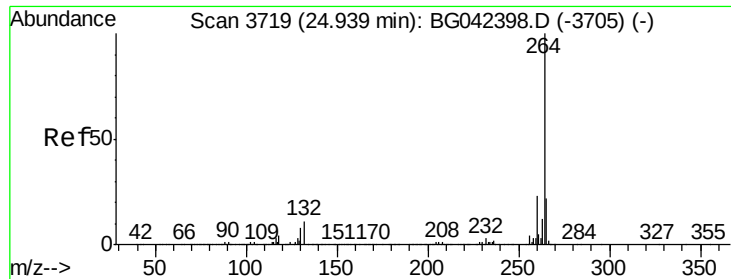
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.115 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	276	Resp	1217601
Ion	Ratio	Lower	Upper
276	100		
138	11.9	9.2	13.8
277	26.1	21.0	31.6





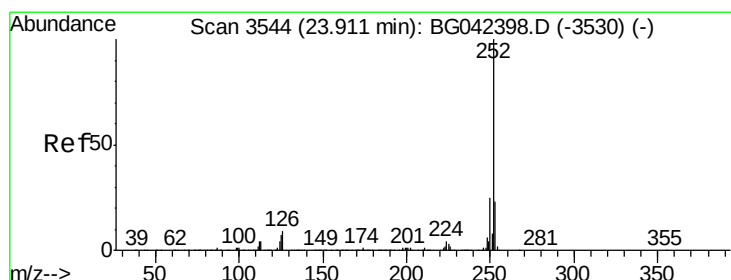
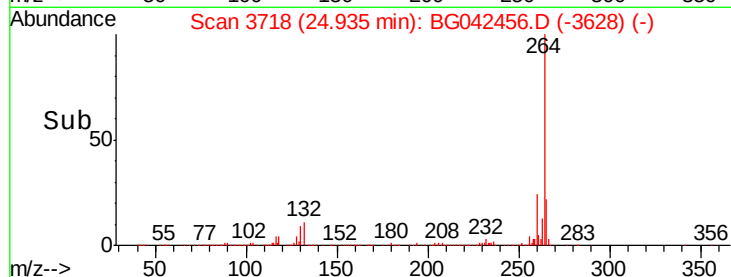
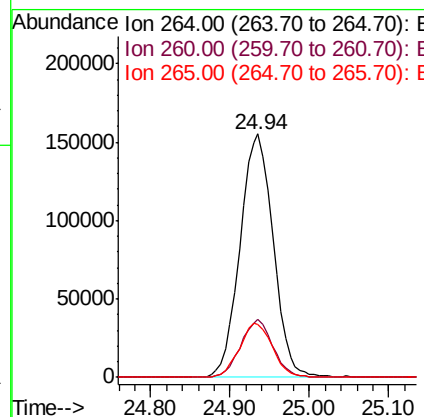
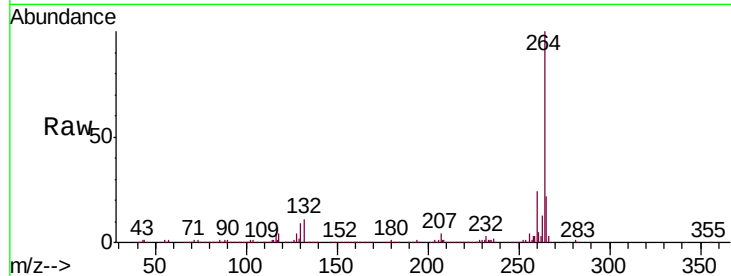
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.0	17.6	26.4

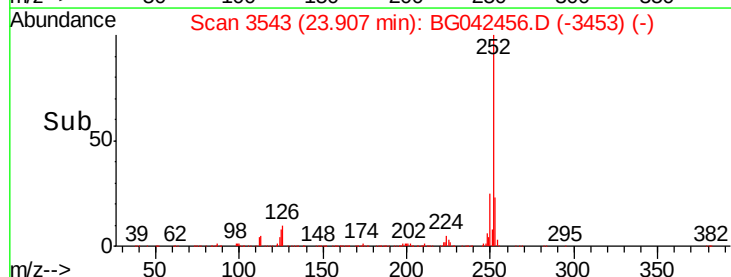
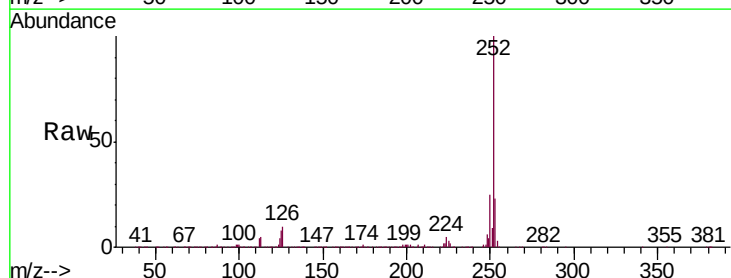
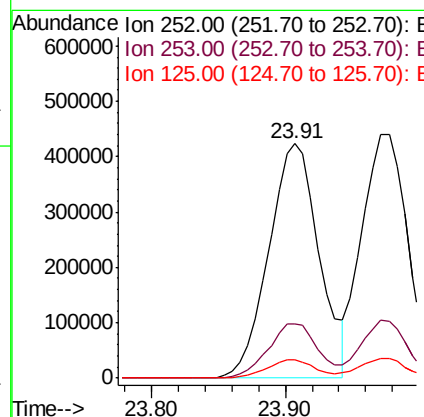
Manual Integrations
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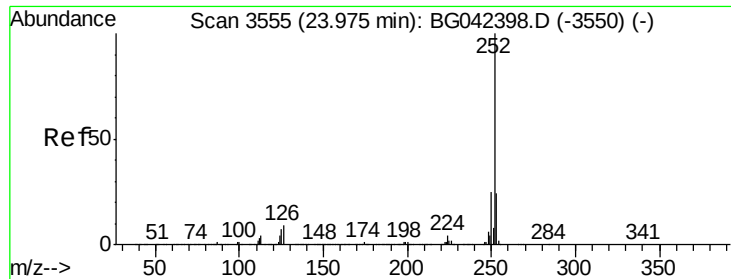
Jagrut
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#88
Benzo(b)fluoranthene
Concen: 44.684 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	8.1	5.6	8.4





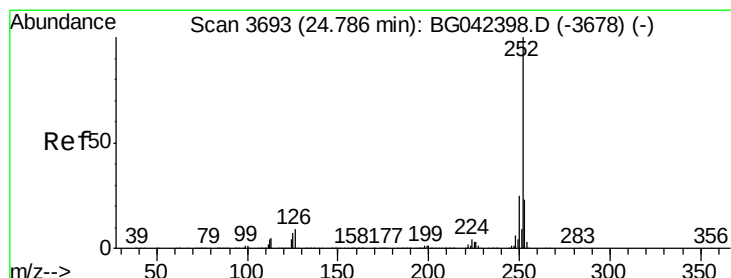
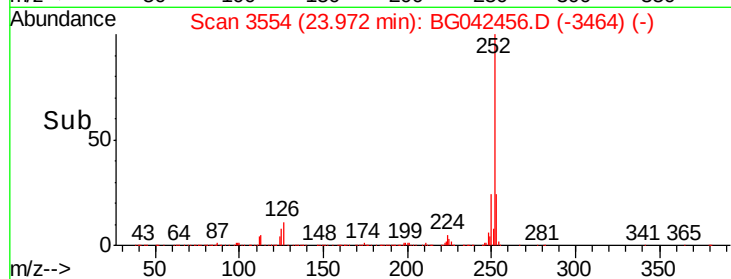
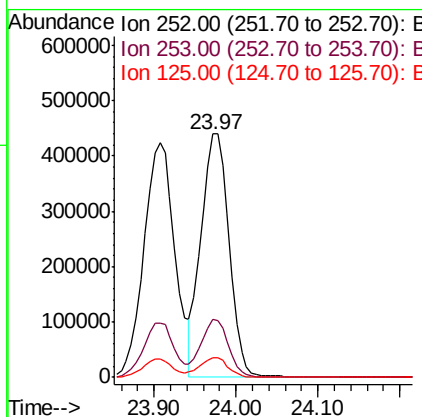
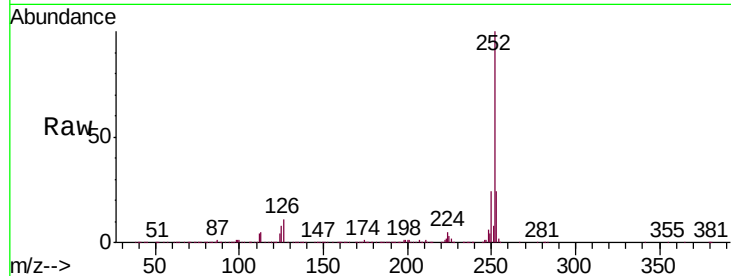
#89
Benzo(k)fluoranthene
Concen: 43.932 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	8.0	5.8	8.6

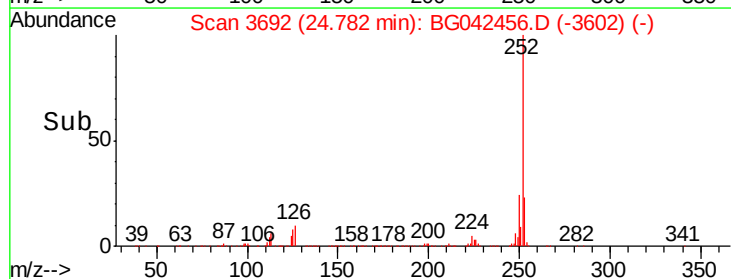
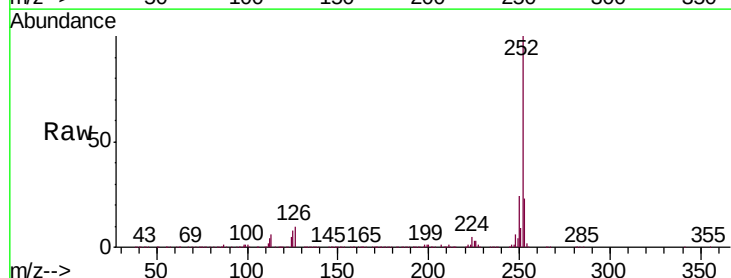
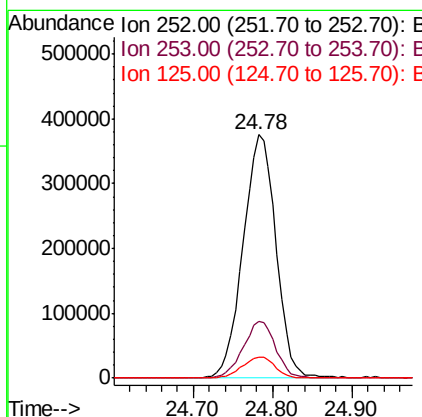
Manual Integrations
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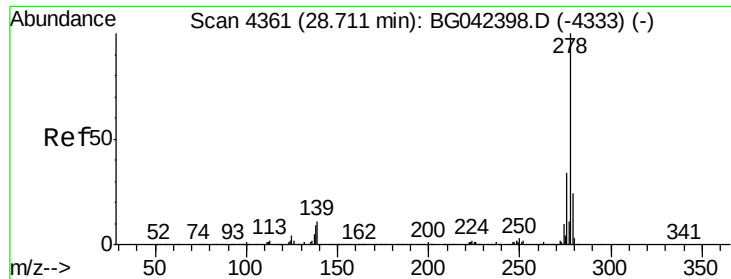
Jagrut
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#90
Benzo(a)pyrene
Concen: 45.835 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	8.4	6.0	9.0





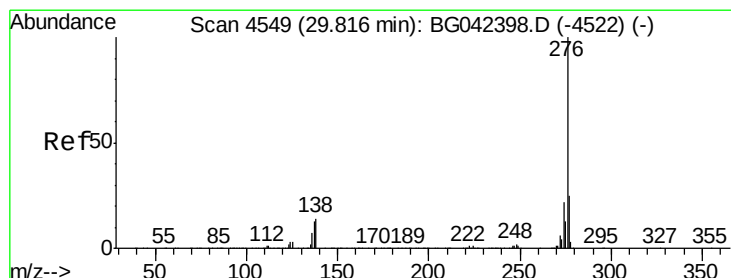
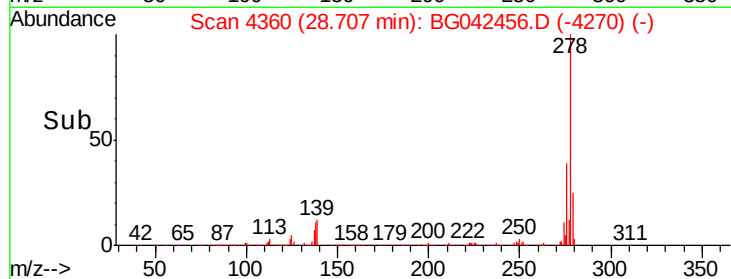
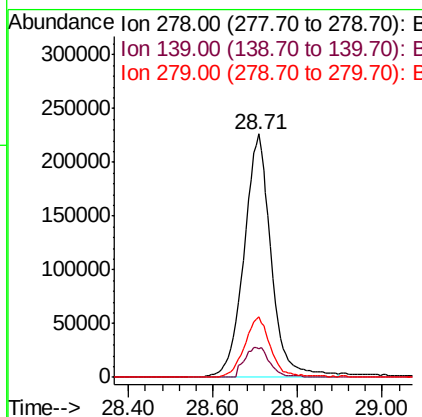
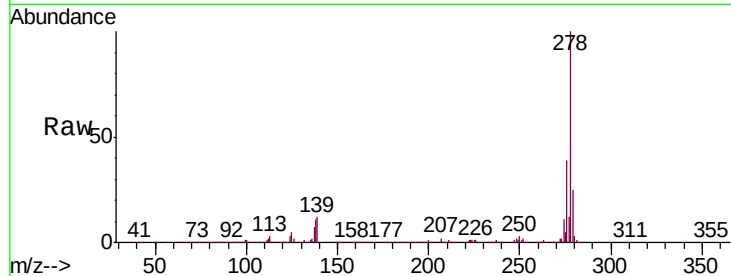
#91
Dibenzo(a,h)anthracene
Concen: 42.465 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	8.8	13.2
279	25.1	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/26/2019 2:02:09 PM



#92
Benzo(g,h,i)perylene
Concen: 40.287 ng
RT: 29.81 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042456.D
Acq: 24 Aug 2019 7:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	16.5	11.4	17.0

