

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042428.D
 Acq On : 23 Aug 2019 11:04
 Operator : HP/JU
 Sample : PB122218BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Manual Integrations
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Jagrut
 8/26/2019 2:01:36 PM

Quant Time: Aug 23 17:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	103609	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	424009	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	280096	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	585203	20.00	ng	0.00
76) Chrysene-d12	21.70	240	544587	20.00	ng	0.00
87) Perylene-d12	24.94	264	533718	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	632647	123.67	ng	0.00
7) Phenol-d6	7.17	99	798883	115.61	ng	0.00
23) Nitrobenzene-d5	9.17	82	395136	64.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	328360	82.48	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1057170	63.83	ng	0.00
79) Terphenyl-d14	20.03	244	1571843	62.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	84211	39.445	ng	97
3) Pyridine	3.82	79	202370	36.967	ng	95
4) n-Nitrosodimethylamine	3.73	42	76696	39.226	ng	# 77
6) Aniline	7.32	93	312674	33.925	ng	98
8) 2-Chlorophenol	7.57	128	275124	44.375	ng	97
9) Benzaldehyde	7.13	77	182235	52.676	ng	97
10) Phenol	7.20	94	320959	45.682	ng	94
11) bis(2-Chloroethyl)ether	7.42	93	244059	44.230	ng	99
12) 1,3-Dichlorobenzene	7.89	146	302619	38.369	ng	100
13) 1,4-Dichlorobenzene	8.04	146	307306	38.466	ng	98
14) 1,2-Dichlorobenzene	8.36	146	290023	37.908	ng	97
15) Benzyl Alcohol	8.25	79	197903	39.807	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	310160	41.472	ng	97
17) 2-Methylphenol	8.46	107	225265	43.530	ng	94
18) Hexachloroethane	9.10	117	104205	38.101	ng	94
19) n-Nitroso-di-n-propylamine	8.82	70	176671	39.463	ng	99
20) 3+4-Methylphenols	8.79	107	309940	43.282	ng	97
22) Acetophenone	8.83	105	370249	40.827	ng	99
24) Nitrobenzene	9.22	77	257220	41.398	ng	99
25) Isophorone	9.74	82	482816	39.872	ng	97
26) 2-Nitrophenol	9.93	139	161507	41.479	ng	97
27) 2,4-Dimethylphenol	10.00	122	256056	47.740	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	321531	42.129	ng	99
29) 2,4-Dichlorophenol	10.48	162	278752	39.723	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	301882	35.048	ng	99
31) Naphthalene	10.88	128	793578	40.312	ng	99
32) Benzoic acid	10.14	122	132603	36.437	ng	98
33) 4-Chloroaniline	10.99	127	192739	21.209	ng	97
34) Hexachlorobutadiene	11.17	225	178738	30.876	ng	98
35) Caprolactam	11.75	113	90358m	38.589	ng	
36) 4-Chloro-3-methylphenol	12.12	107	258140	38.750	ng	97
37) 2-Methylnaphthalene	12.49	142	602578	38.122	ng	98
38) 1-Methylnaphthalene	12.71	142	564814	37.618	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	327507	36.410	ng	# 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
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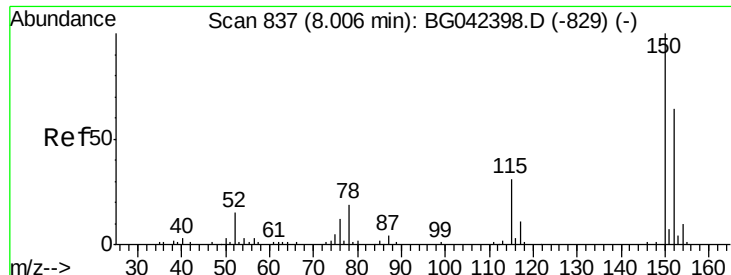
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Quant Time: Aug 23 17:42:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	376213	79.623	nq	100
43) 2,4,6-Trichlorophenol	13.10	196	228876	37.644	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	243448	38.639	nq	95
46) 1,1'-Biphenyl	13.49	154	764864	42.245	nq	97
47) 2-Chloronaphthalene	13.54	162	610081	39.078	nq	96
48) 2-Nitroaniline	13.74	65	147351	39.140	nq	97
49) Acenaphthylene	14.39	152	958026	40.789	nq	97
50) Dimethylphthalate	14.12	163	738801	36.556	nq	100
51) 2,6-Dinitrotoluene	14.23	165	183471	39.166	nq	96
52) Acenaphthene	14.73	154	563155	39.486	nq	99
53) 3-Nitroaniline	14.56	138	130150	27.780	nq	95
54) 2,4-Dinitrophenol	14.78	184	182674	59.582	nq	95
55) Dibenzofuran	15.06	168	906685	38.406	nq	98
56) 4-Nitrophenol	14.89	139	291963	87.702	nq	89
57) 2,4-Dinitrotoluene	15.03	165	253526	37.794	nq	97
58) Fluorene	15.71	166	739448	38.317	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	222668m	35.737	nq	
60) Diethylphthalate	15.48	149	724354	36.664	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	400777	34.452	nq	98
62) 4-Nitroaniline	15.73	138	197779	39.445	nq	90
63) Azobenzene	16.00	77	572636	42.300	nq	94
65) 4,6-Dinitro-2-methylphenol	15.80	198	149496	40.746	nq	93
66) n-Nitrosodiphenylamine	15.92	169	677570	42.102	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	265166	35.723	nq	97
68) Hexachlorobenzene	16.72	284	270526	33.525	nq	# 91
69) Atrazine	16.87	200	236771	41.603	nq	98
70) Pentachlorophenol	17.07	266	321787	76.750	nq	98
71) Phenanthrene	17.46	178	1172505	40.337	nq	97
72) Anthracene	17.55	178	1196314	41.226	nq	97
73) Carbazole	17.82	167	1125611	43.523	nq	98
74) Di-n-butylphthalate	18.38	149	1276775	41.763	nq	98
75) Fluoranthene	19.47	202	1387883	39.122	nq	95
77) Benzidine	19.64	184	921265	59.004	nq	99
78) Pyrene	19.83	202	1391828	41.686	nq	95
80) Butylbenzylphthalate	20.71	149	578046	44.017	nq	97
81) Benzo(a)anthracene	21.68	228	1299904	39.239	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	365416	27.426	nq	# 97
83) Chrysene	21.74	228	1263519	39.548	nq	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	804233	44.107	nq	99
85) Di-n-octyl phthalate	22.80	149	1140450	36.366	nq	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1358474	31.288	nq	# 93
88) Benzo(b)fluoranthene	23.91	252	1188606	40.509	nq	# 98
89) Benzo(k)fluoranthene	23.98	252	1138881	40.380	nq	98
90) Benzo(a)pyrene	24.79	252	1169248	41.994	nq	# 98
91) Dibenzo(a,h)anthracene	28.72	278	1127844	40.007	nq	98
92) Benzo(g,h,i)perylene	29.81	276	1127805	40.000	nq	97

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



#1

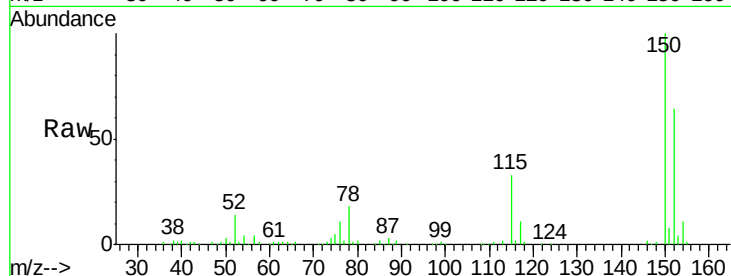
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampled :
PB122218BSD

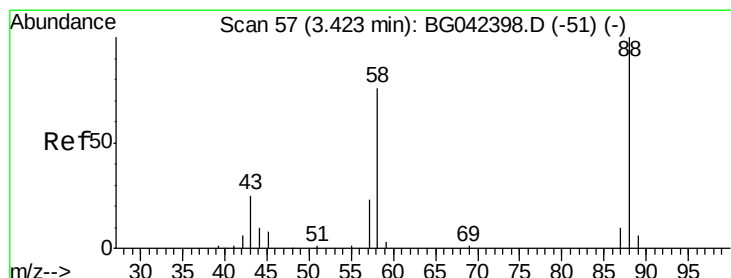
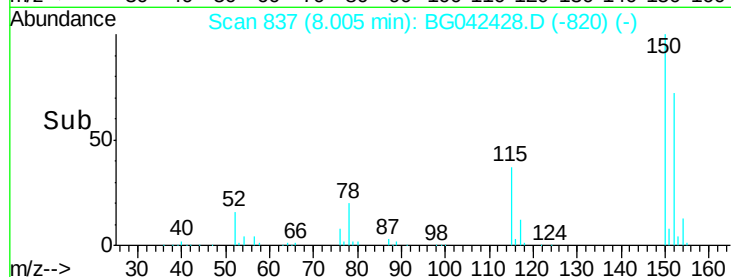
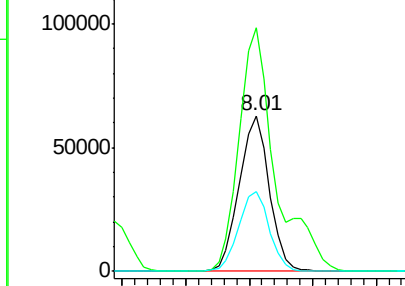
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.4	188.0
115	51.3	38.5	57.7

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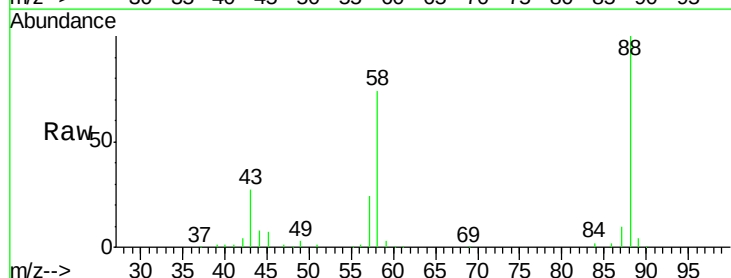
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



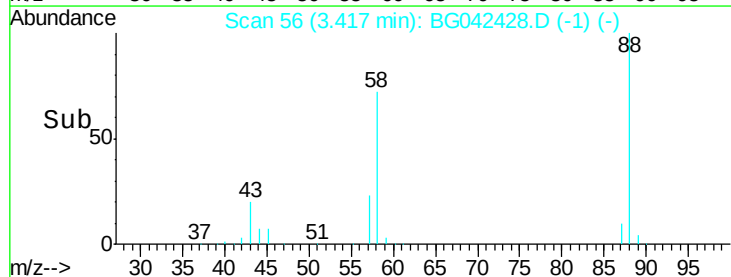
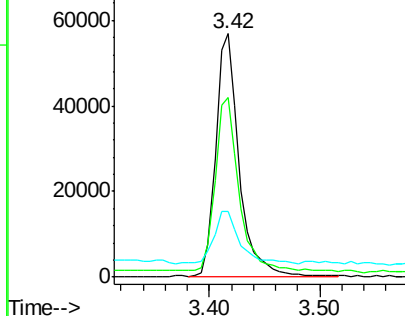
#2

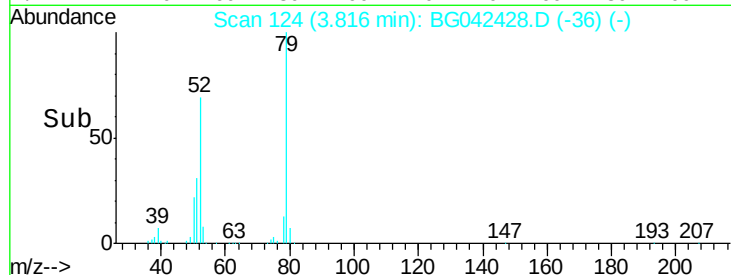
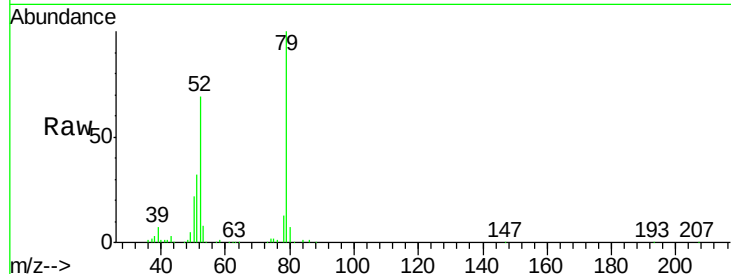
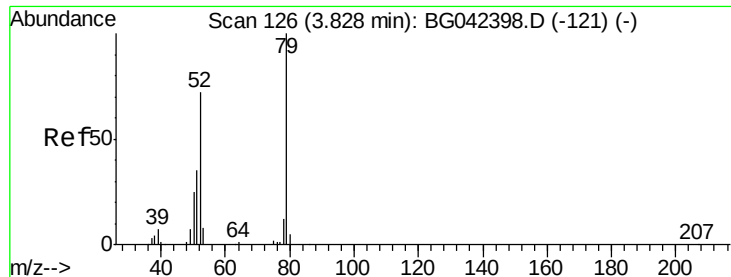
1,4-Dioxane
Concen: 39.445 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	58.3	87.5
43	23.2	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





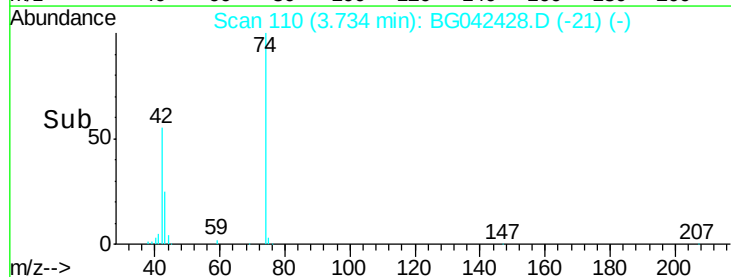
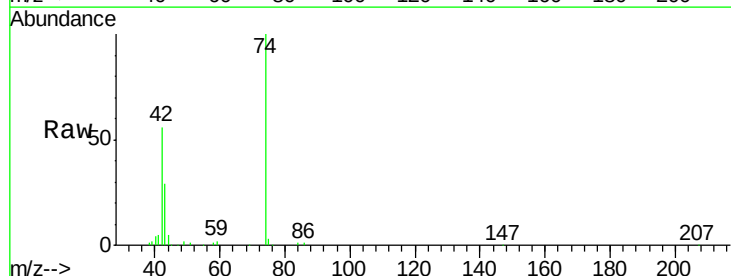
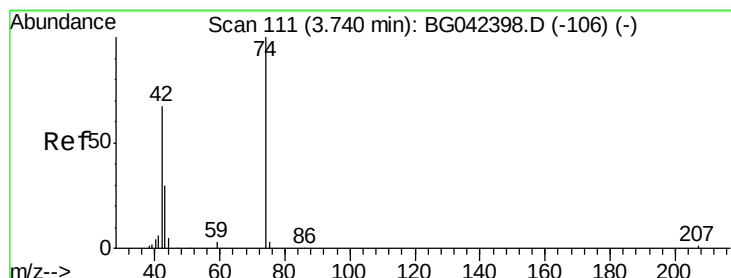
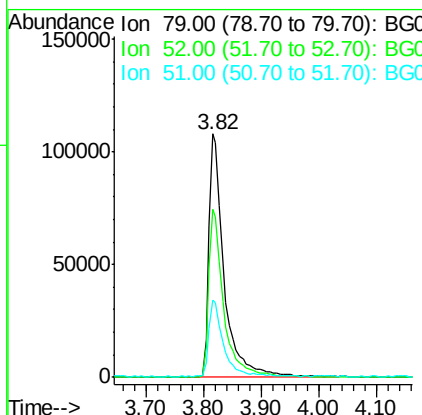
#3
 Pvridine
 Concen: 36.967 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tot Ion	79	Resp	202370
Ion	Ratio	Lower	Upper
79	100		
52	68.9	57.7	86.5
51	31.5	28.8	43.2

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 BNA_G
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 PB122218BSD

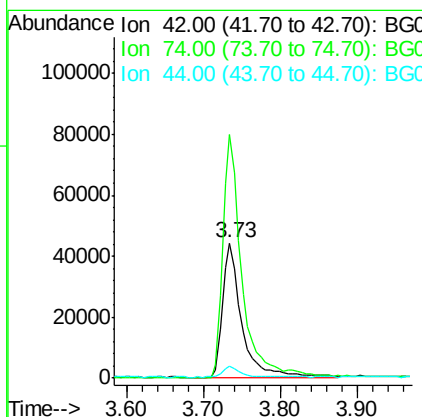
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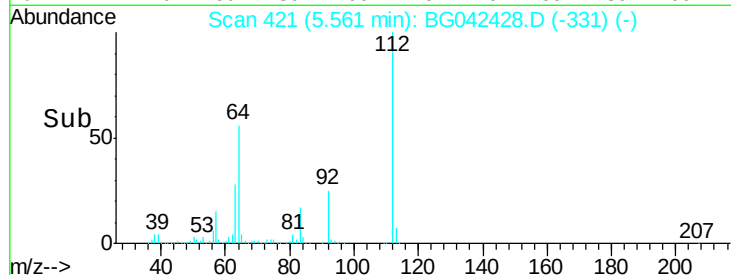
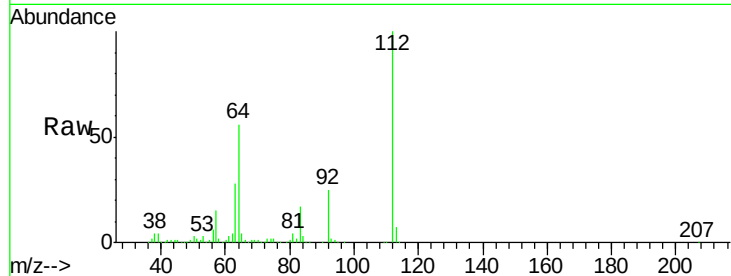
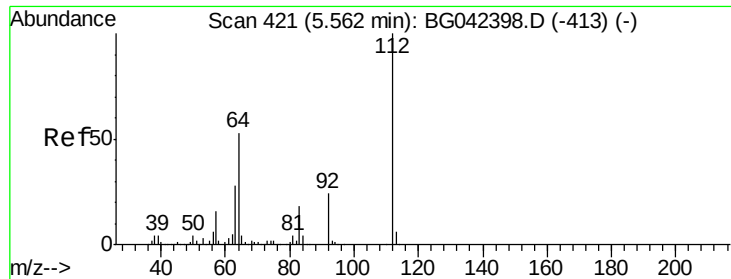
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#4
 n-Nitrosodimethylamine
 Concen: 39.226 ng
 RT: 3.73 min Scan# 110
 Delta R.T. -0.01 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	42	Resp	76696
Ion	Ratio	Lower	Upper
42	100		
74	179.8	119.6	179.4#
44	8.5	6.5	9.7





#5

2-Fluorophenol

Concen: 123.666 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		632647		
64	56.2	42.8	64.2		
63	27.6	22.7	34.1		

Instrument :

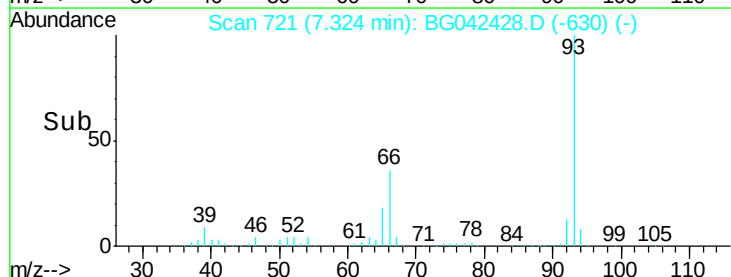
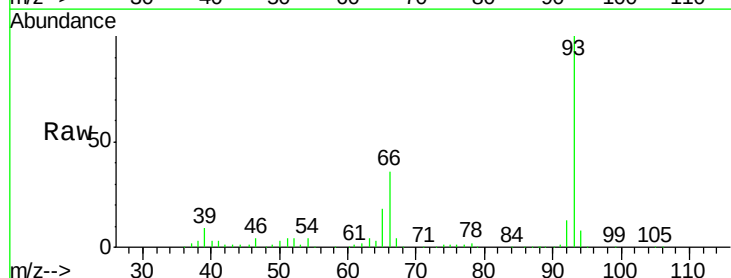
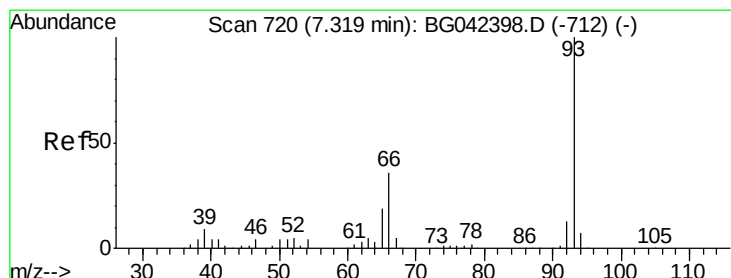
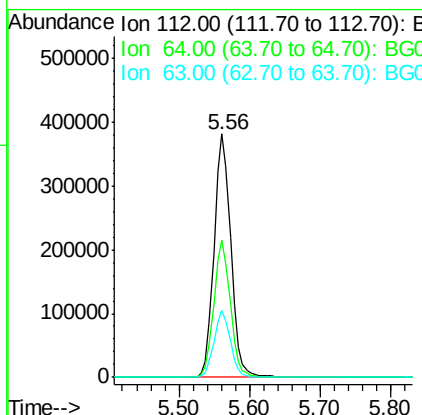
BNA_G

ClientSampleId :

PB122218BSD

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#6

Aniline

Concen: 33.925 ng

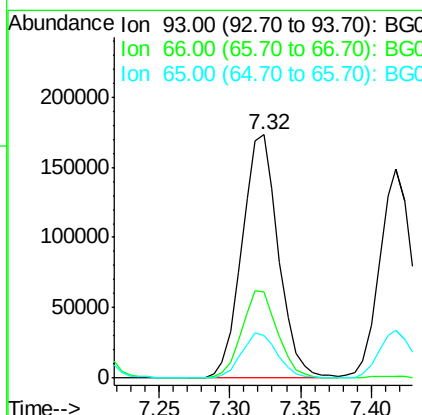
RT: 7.32 min Scan# 721

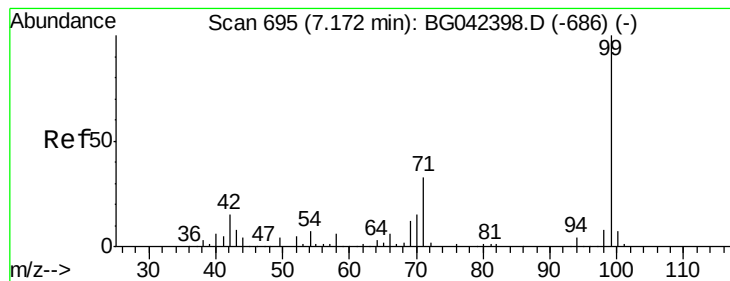
Delta R.T. 0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		312674		
66	35.6	29.0	43.6		
65	17.7	15.2	22.8		





#7

Phenol-d6

Concen: 115.609 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

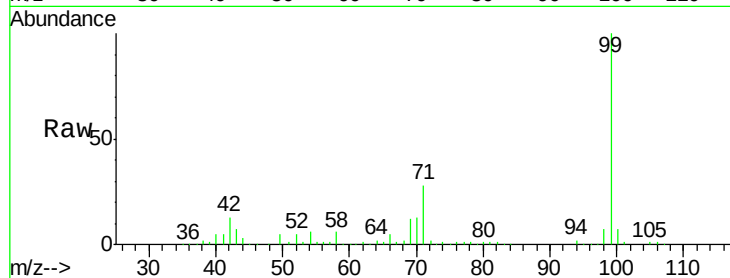
ClientSampleId :

PB122218BSD

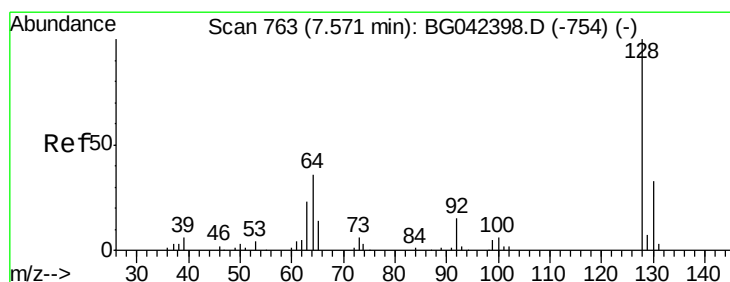
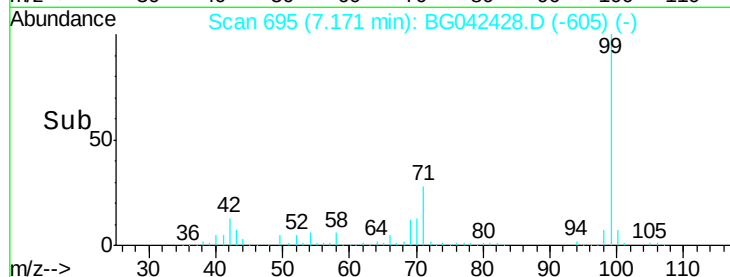
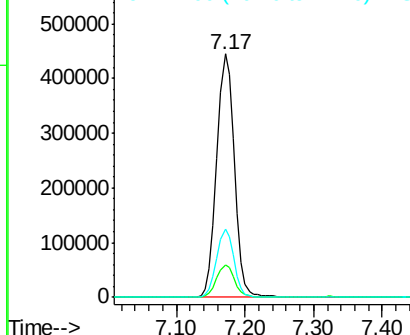
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		798883		
42	13.1	12.0	18.0		
71	28.0	26.3	39.5		

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



#8

2-Chlorophenol

Concen: 44.375 ng

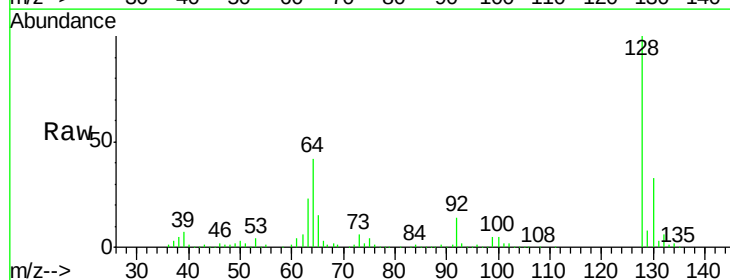
RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

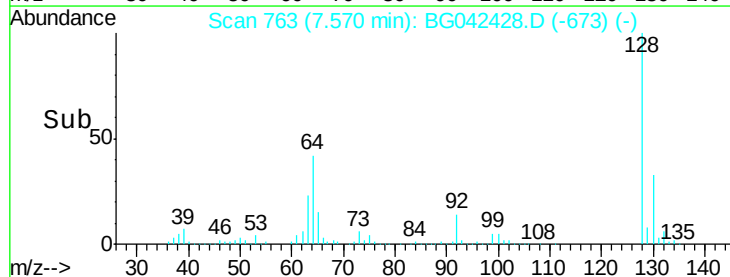
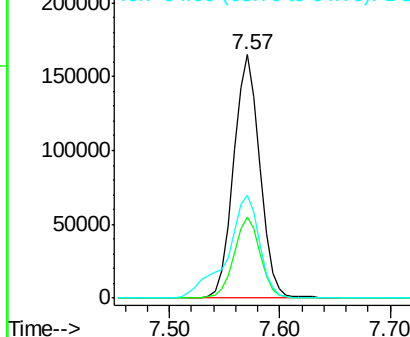
Lab File: BG042428.D

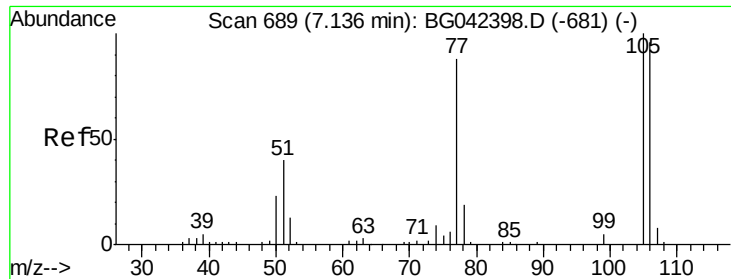
Acq: 23 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		275124		
130	33.4	12.8	52.8		
64	42.1	19.2	59.2		



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





#9

Benzaldehyde

Concen: 52.676 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

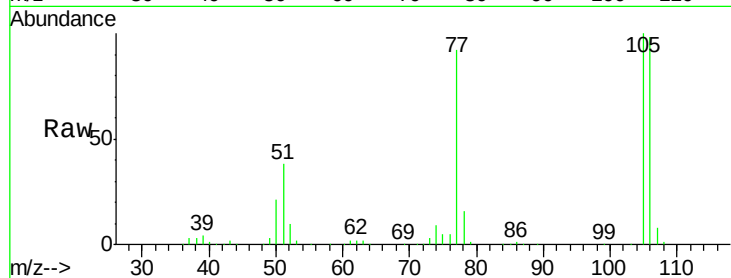
ClientSampleId :

PB122218BSD

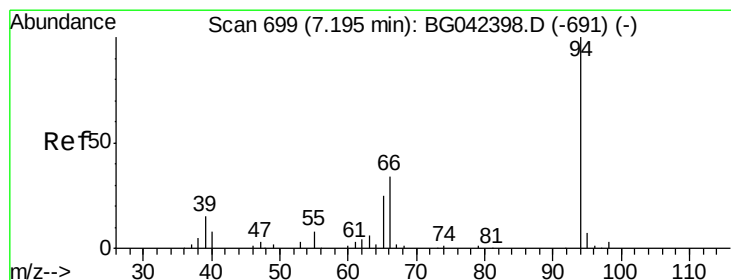
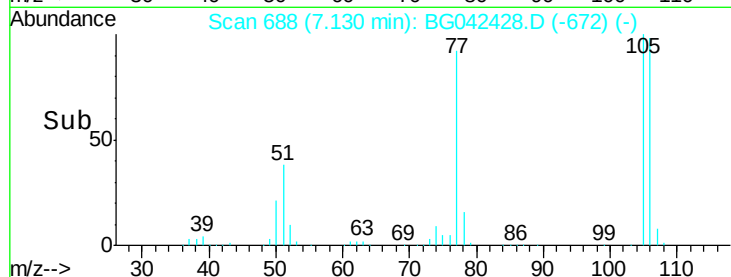
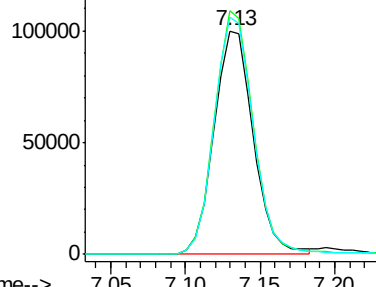
Tot Ion:	77	Resp:	182235
Ion Ratio	Lower	Upper	
77	100		
105	109.0	93.4	133.4
106	106.3	88.4	128.4

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.682 ng

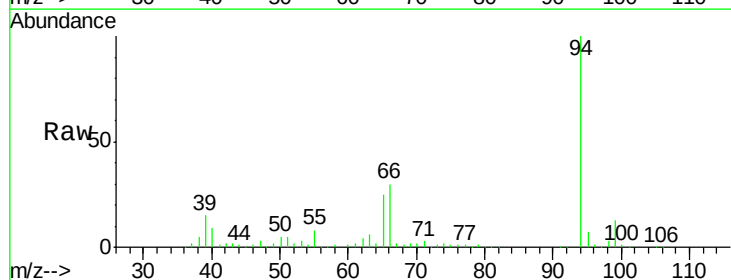
RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

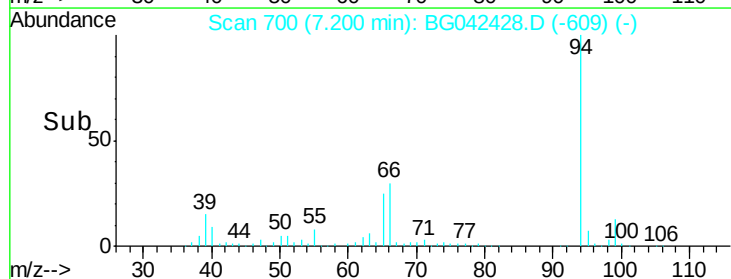
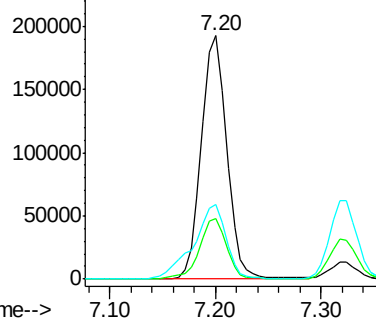
Lab File: BG042428.D

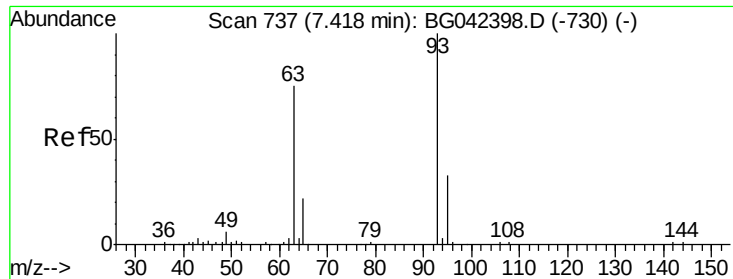
Acq: 23 Aug 2019 11:04

Tgt Ion:	94	Resp:	320959
Ion Ratio	Lower	Upper	
94	100		
65	25.1	5.6	45.6
66	30.4	16.0	56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





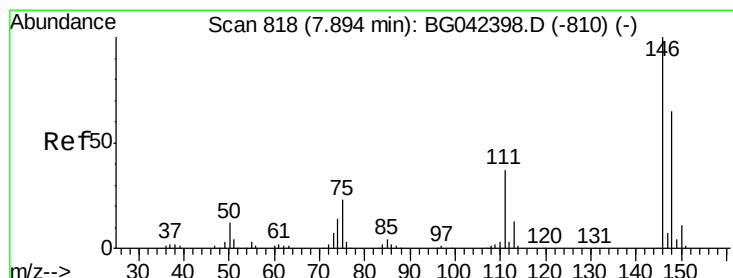
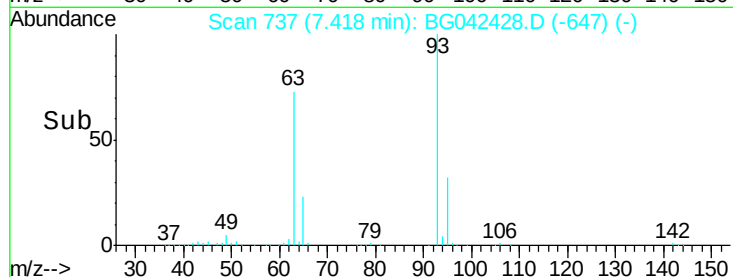
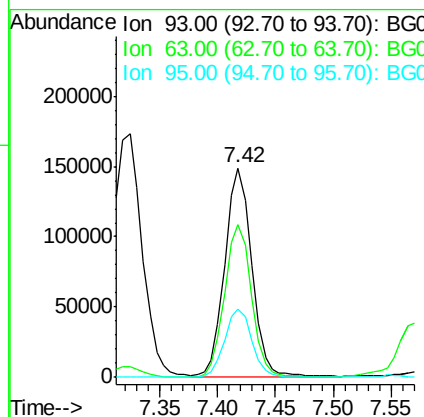
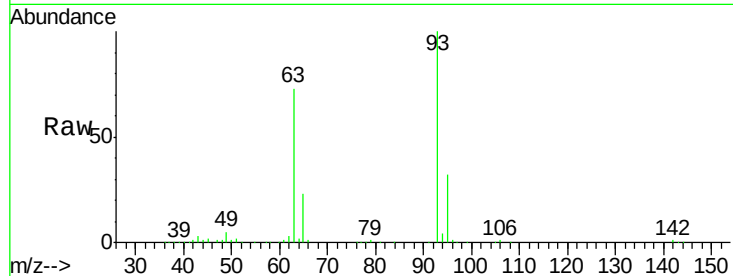
#11
bis(2-Chloroethyl)ether
Concen: 44.230 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion:	93	Resp:	244059
Ion Ratio	Lower	Upper	
93	100		
63	73.2	53.8	93.8
95	32.4	13.1	53.1

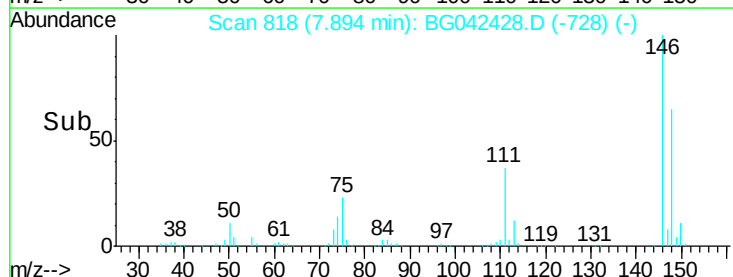
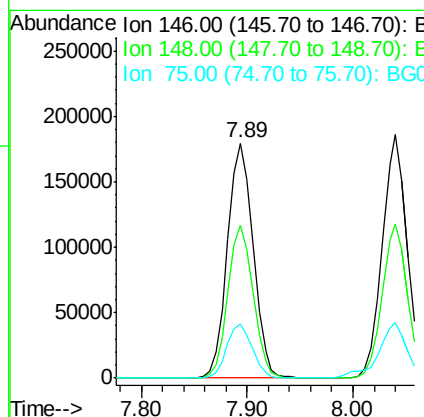
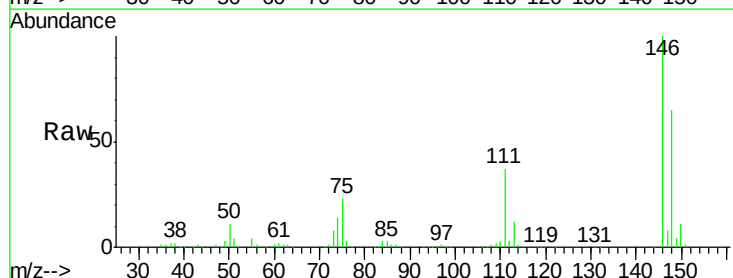
Manual Integrations
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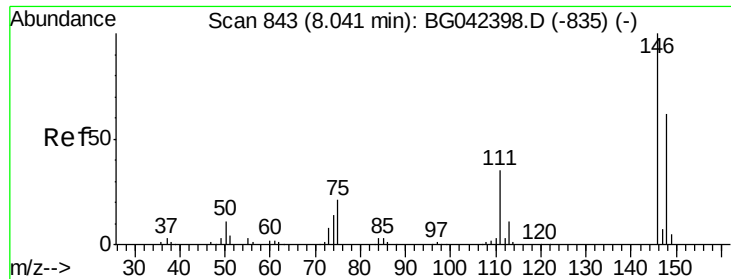
Jagrut
8/26/2019 2:01:36 PM



#12
1,3-Dichlorobenzene
Concen: 38.369 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion:	146	Resp:	302619
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.2
75	23.1	18.0	27.0





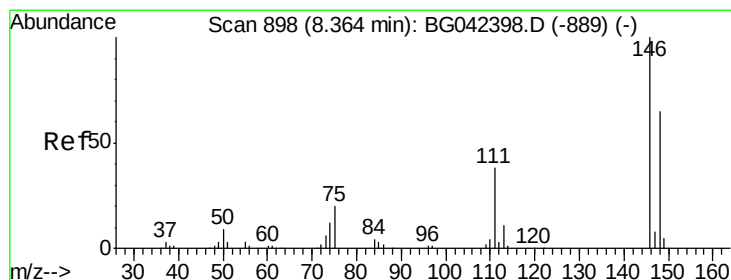
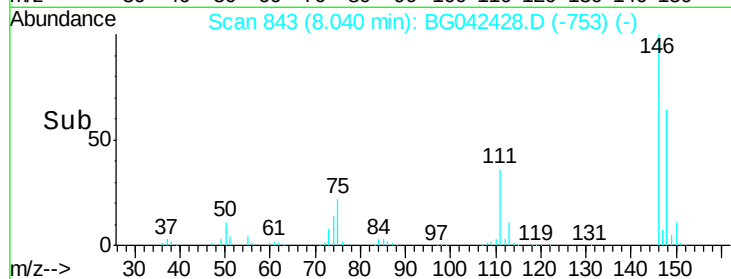
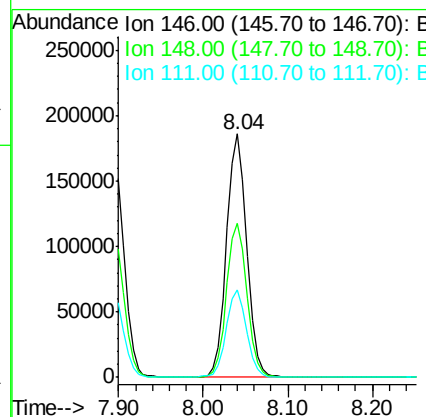
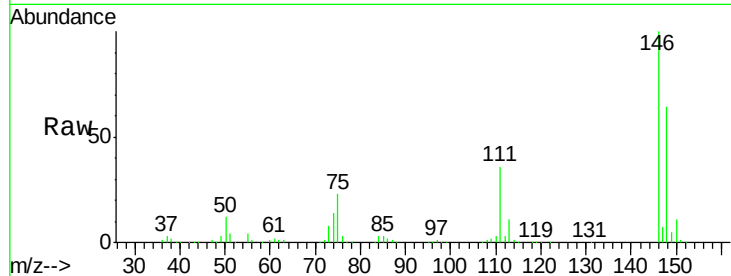
#13
 1,4-Dichlorobenzene
 Concen: 38.466 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampled :
 PB122218BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.5	74.3
111	36.0	28.1	42.1

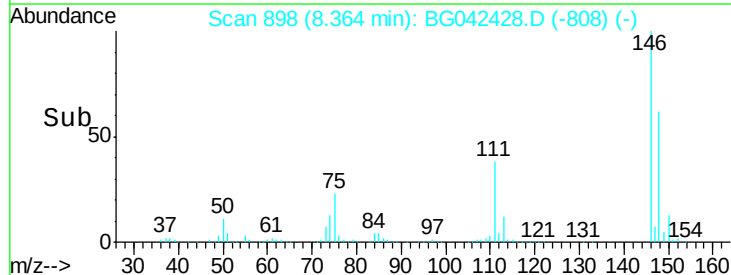
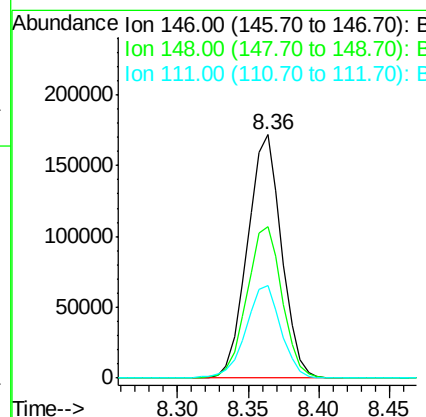
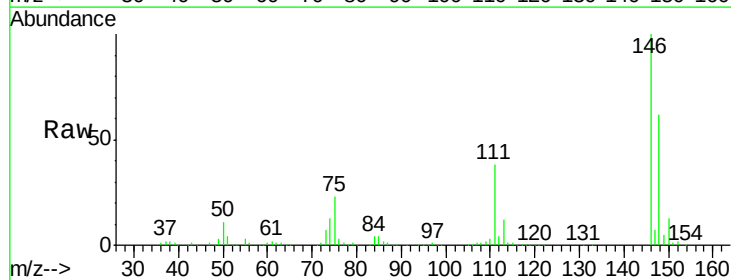
Manual Integrations
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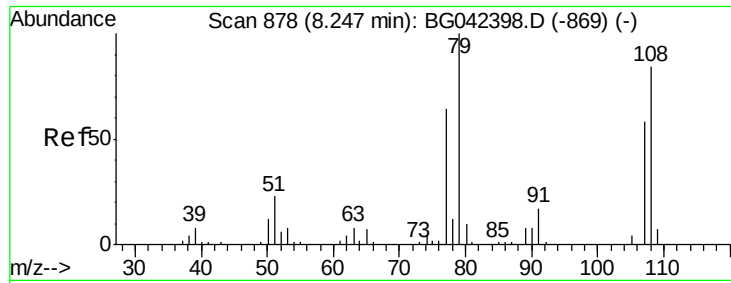
Jagrut
 8/26/2019 2:01:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.908 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.6
111	37.9	30.9	46.3





#15

Benzyl Alcohol

Concen: 39.807 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

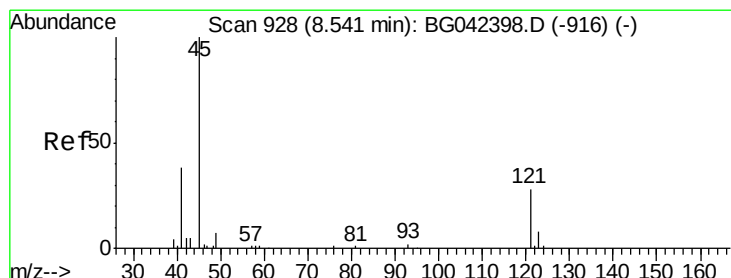
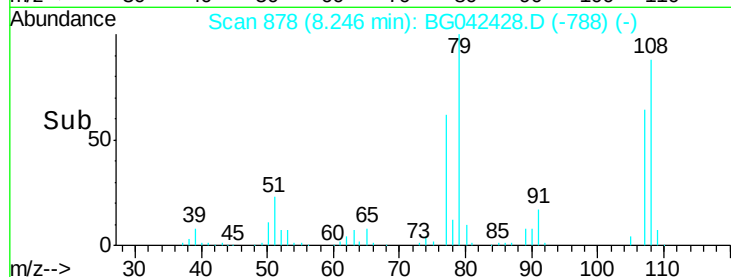
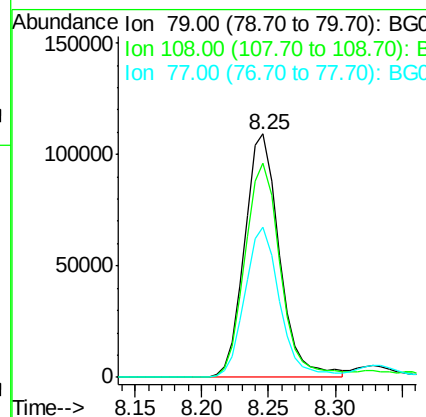
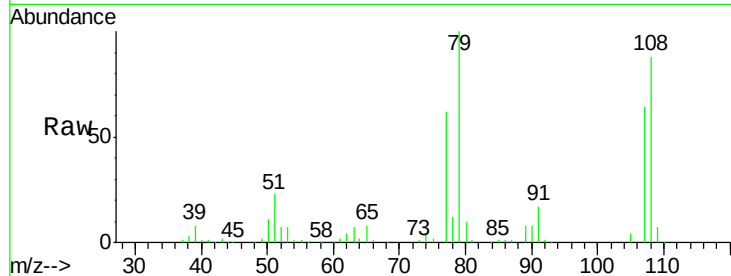
ClientSampleID :

PB122218BSD

Tot Ion:	79	Resp:	197903
Ion Ratio	Lower	Upper	
79	100		
108	88.0	67.4	101.2
77	61.8	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.472 ng

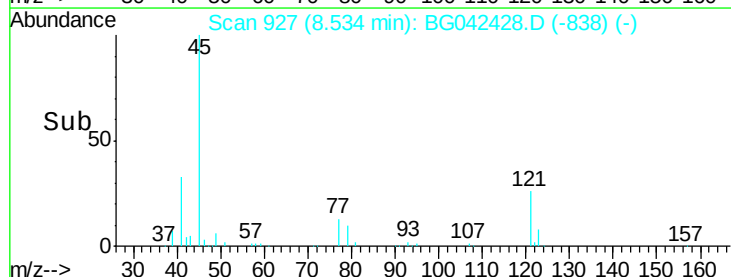
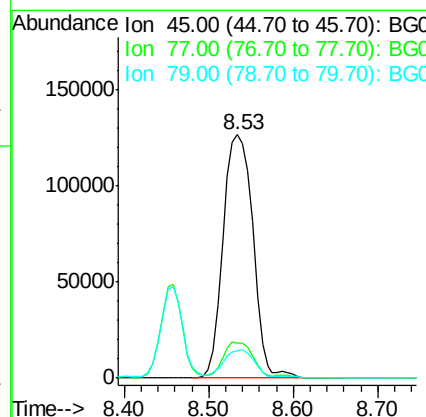
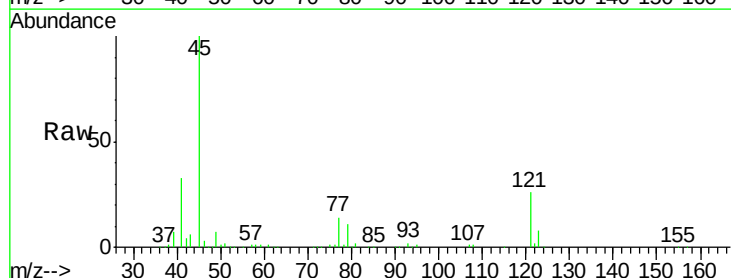
RT: 8.53 min Scan# 927

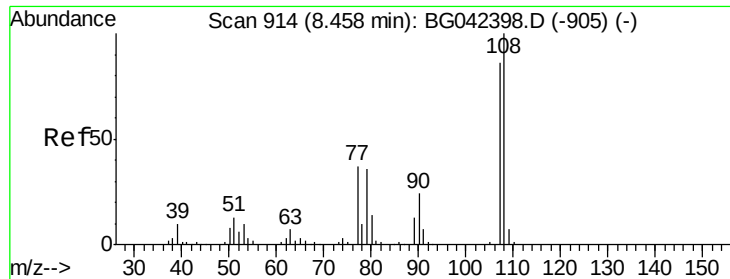
Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:	45	Resp:	310160
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	35.6
79	11.0	0.0	31.6





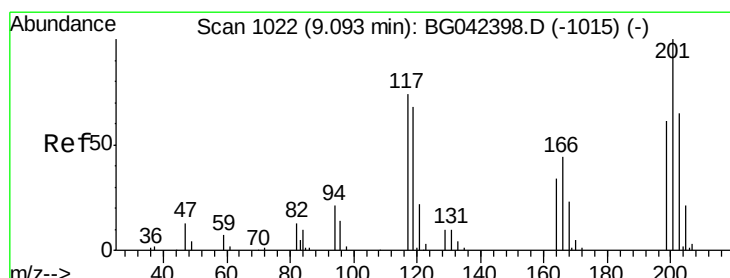
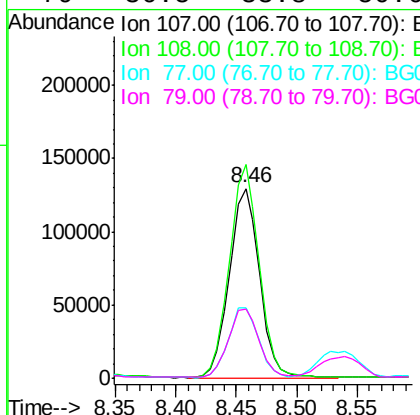
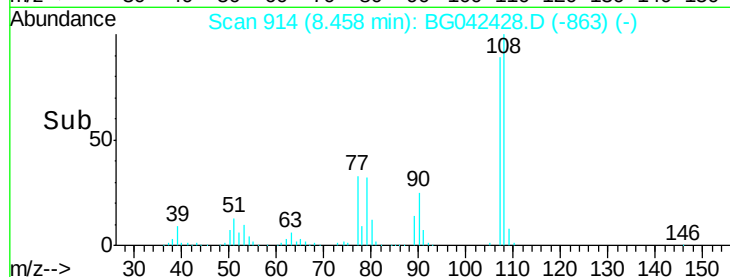
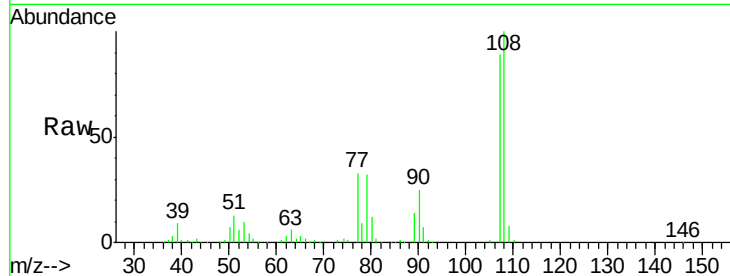
#17
2-Methylphenol
Concen: 43.530 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	92.9	139.3	
77	37.5	34.4	51.6	
79	36.5	33.8	50.6	

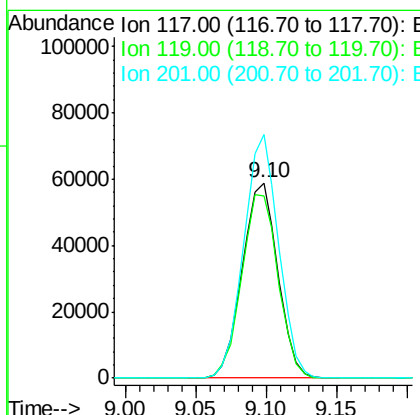
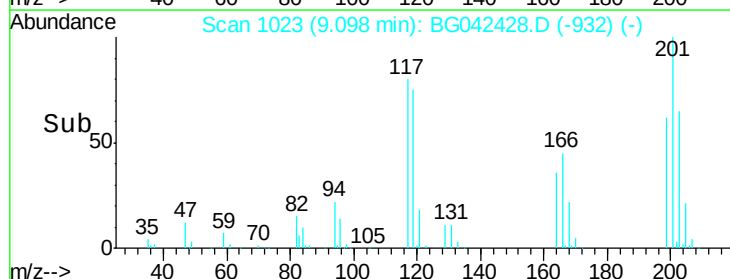
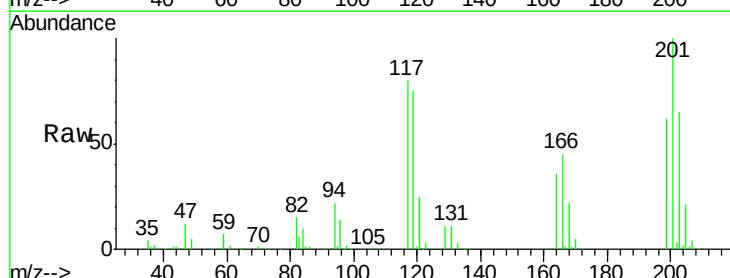
Manual Integrations
APPROVED

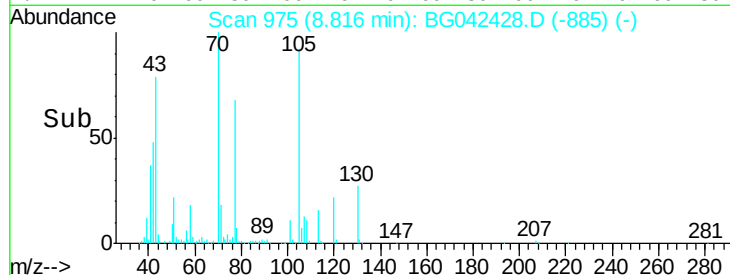
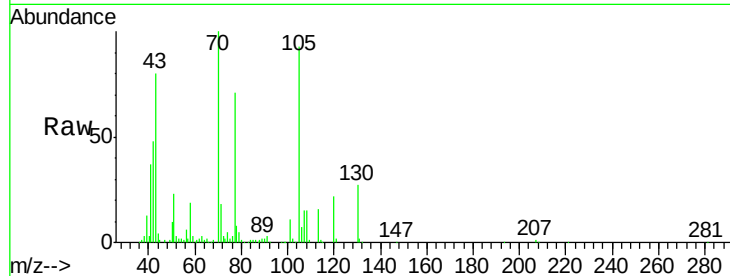
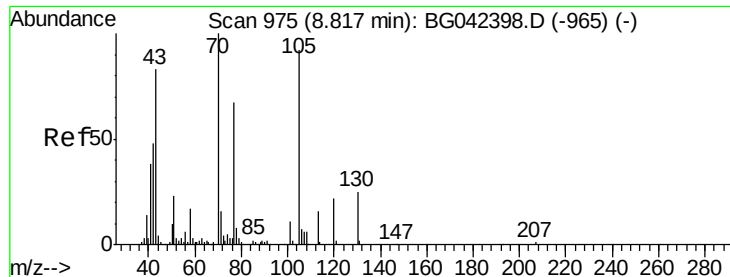
Jagrut
8/26/2019 2:01:36 PM



#18
Hexachloroethane
Concen: 38.101 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	73.8	110.8	
201	124.6	108.3	162.5	





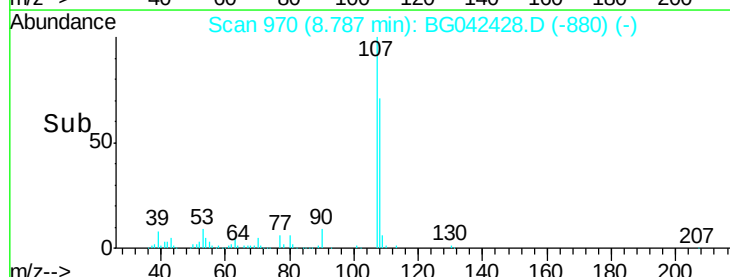
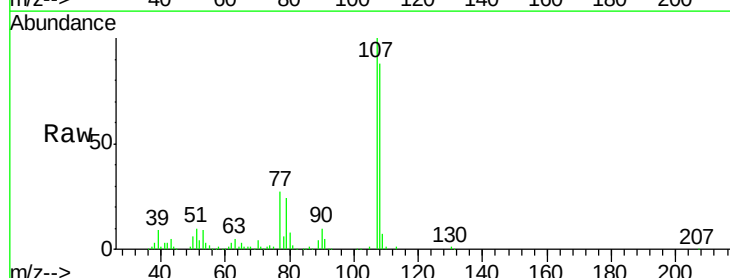
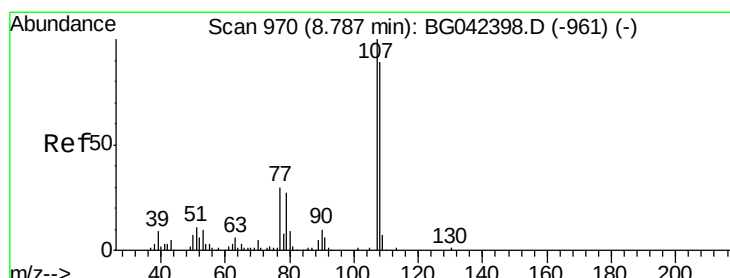
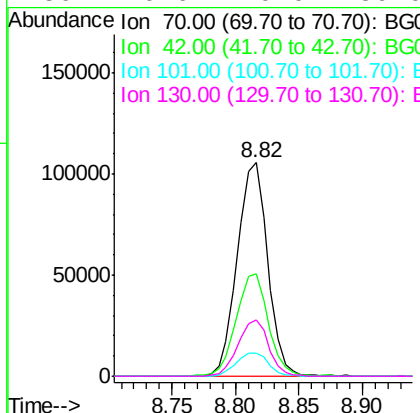
#19
n-Nitroso-di-n-propylamine
Concen: 39.463 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		176671		
42	48.1	38.8	58.2		
101	10.9	9.0	13.6		
130	26.6	20.0	30.0		

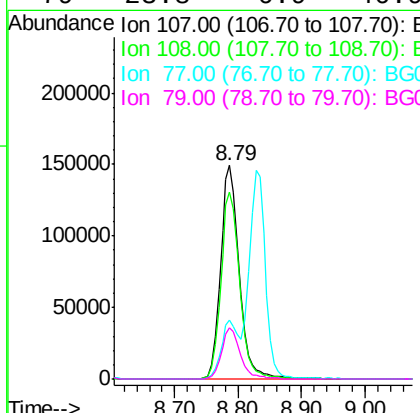
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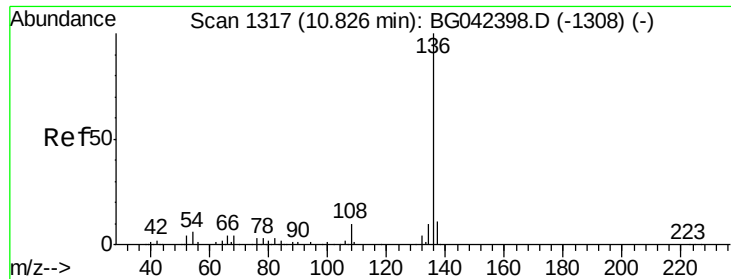
Jagrut
8/26/2019 2:01:36 PM



#20
3+4-Methylphenols
Concen: 43.282 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		309940		
108	87.6	68.7	108.7		
77	27.4	10.2	50.2		
79	23.8	6.9	46.9		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

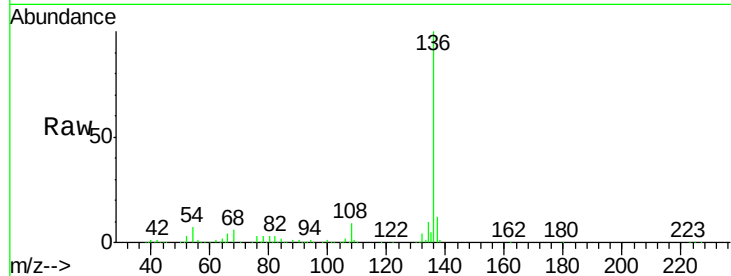
ClientSampleId :

PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	424009		
137	11.8		8.7	13.1
54	7.3		4.9	7.3
68	5.7		3.6	5.4

Manual Integrations
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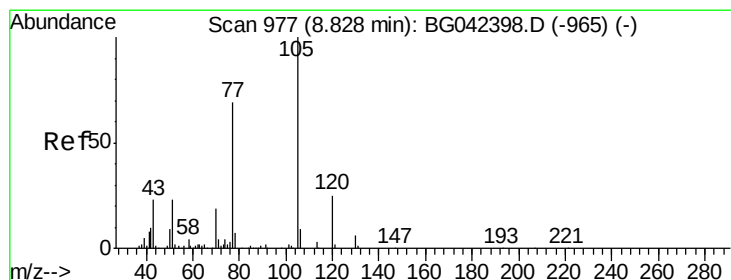
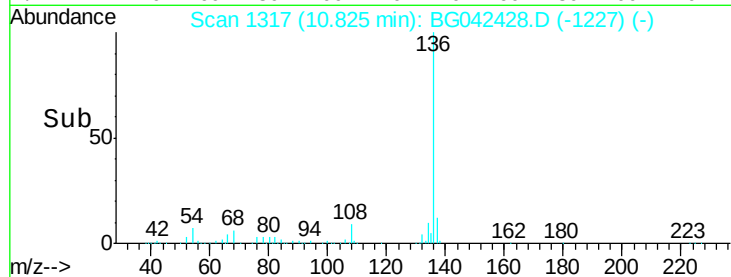
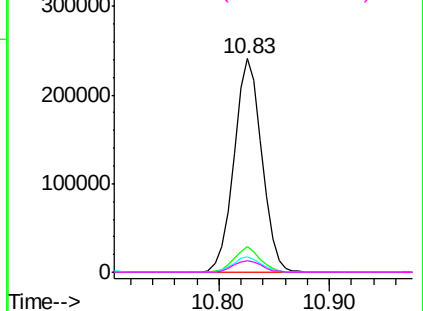


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.827 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

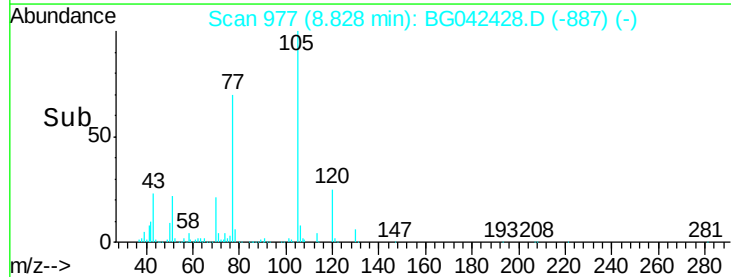
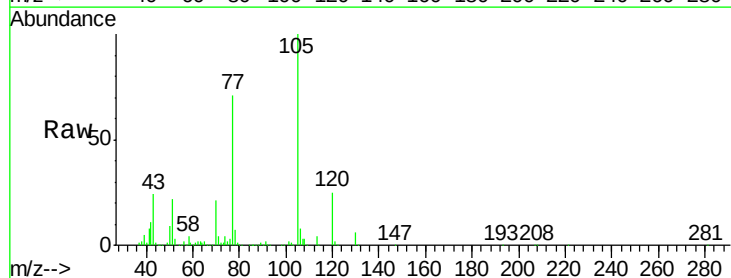
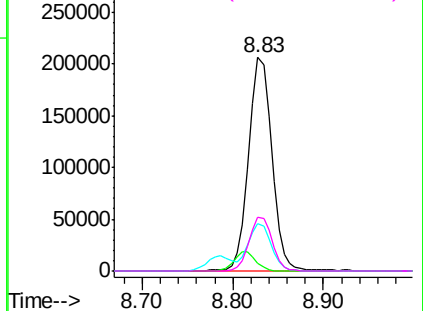
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	370249		
71	3.7		2.8	4.2
51	22.4		18.7	28.1
120	25.5		20.1	30.1

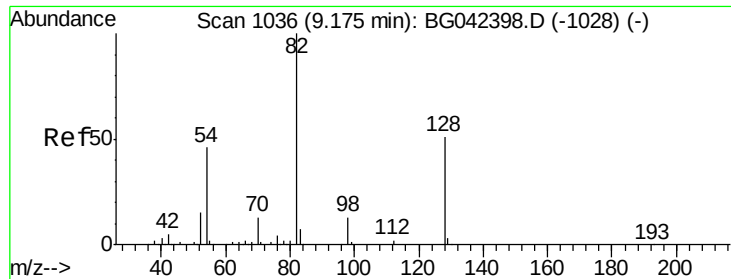
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





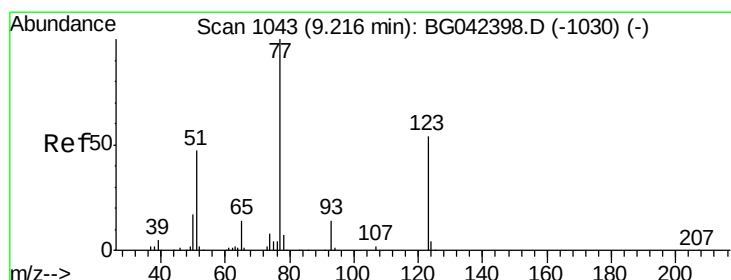
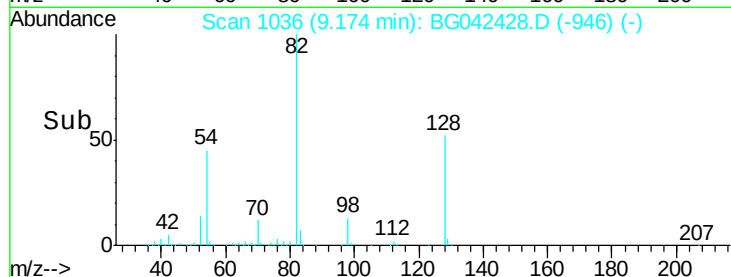
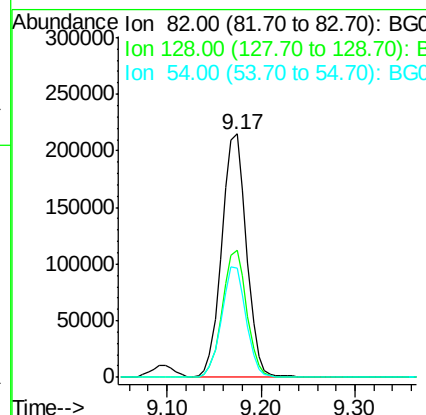
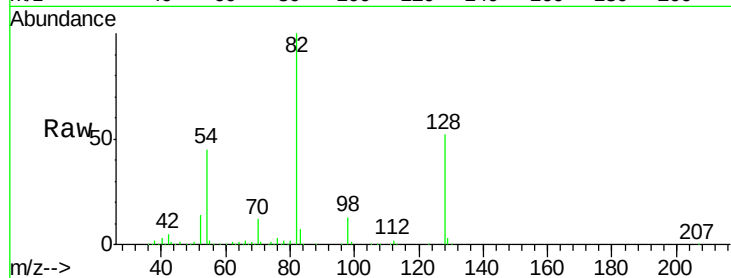
#23
Nitrobenzene-d5
Concen: 64.398 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	395136		
128	52.2	40.7	61.1	
54	44.6	36.3	54.5	

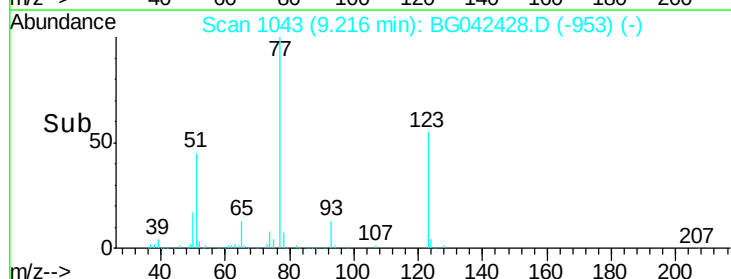
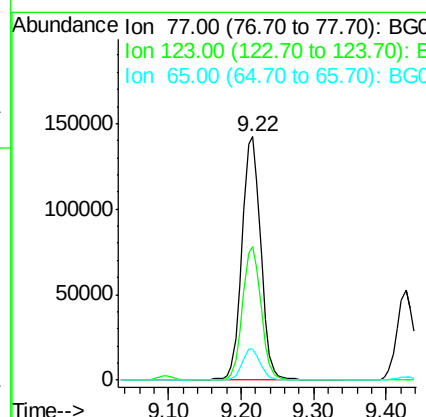
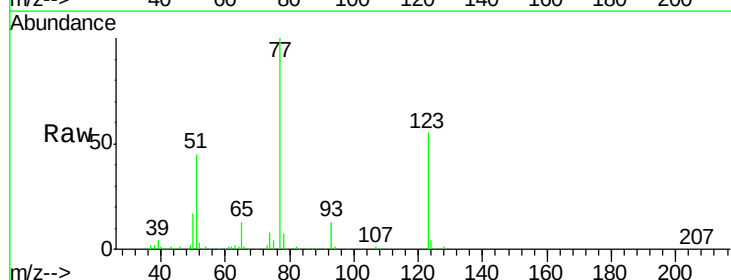
Manual Integrations
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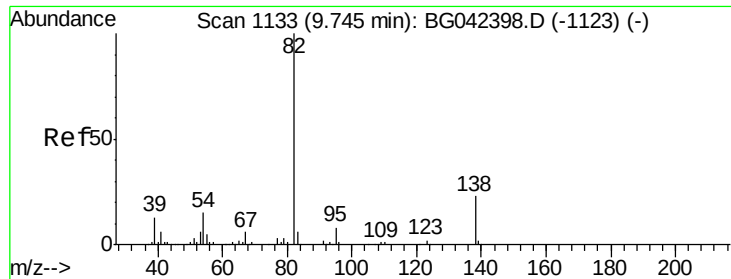
Jagrut
8/26/2019 2:01:36 PM



#24
Nitrobenzene
Concen: 41.398 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	257220		
123	55.0	43.4	65.0	
65	12.8	11.0	16.6	





#25

Isophorone

Concen: 39.872 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

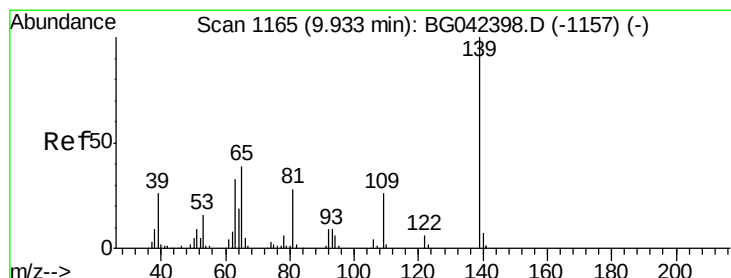
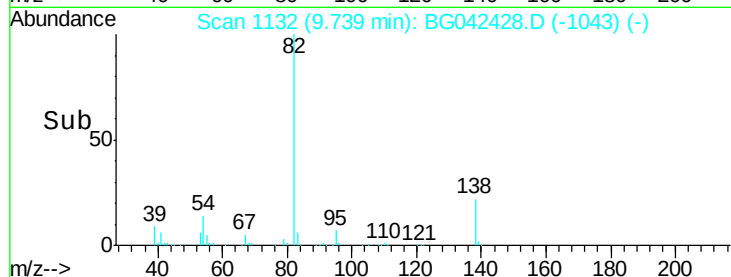
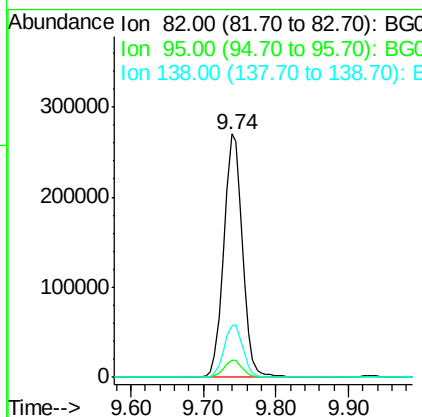
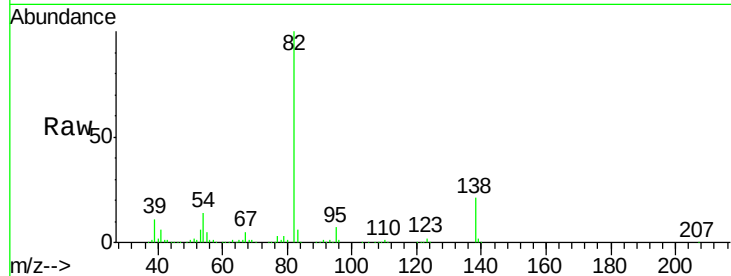
ClientSampleId :

PB122218BSD

Tot Ion:	82	Resp:	482816
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.6	9.8
138	21.5	18.6	27.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.479 ng

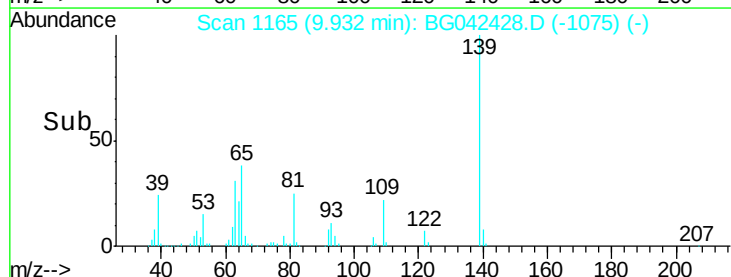
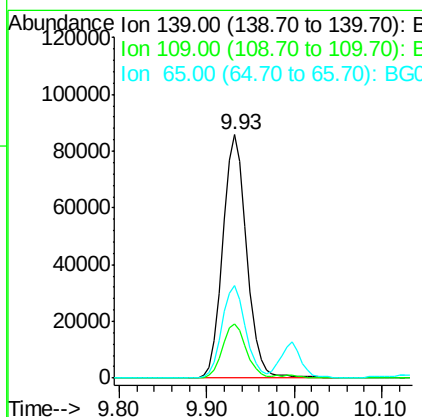
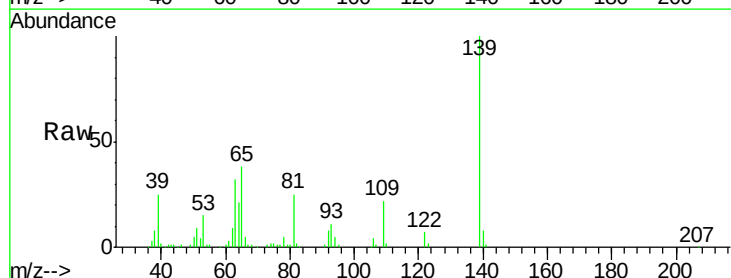
RT: 9.93 min Scan# 1165

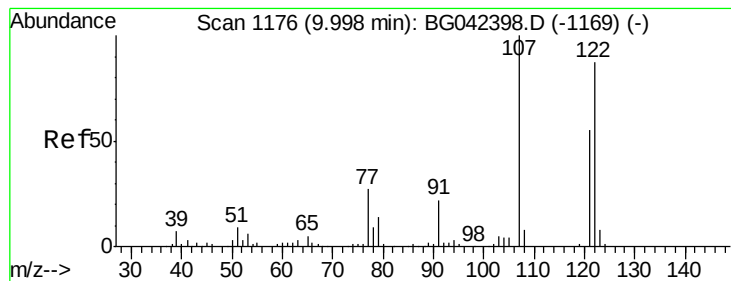
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:	139	Resp:	161507
Ion Ratio		Lower	Upper
139	100		
109	22.4	20.5	30.7
65	38.1	30.9	46.3





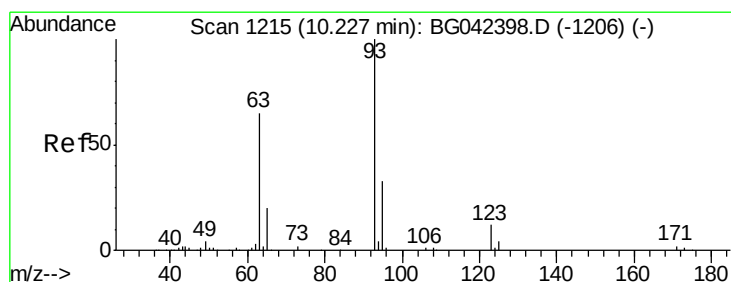
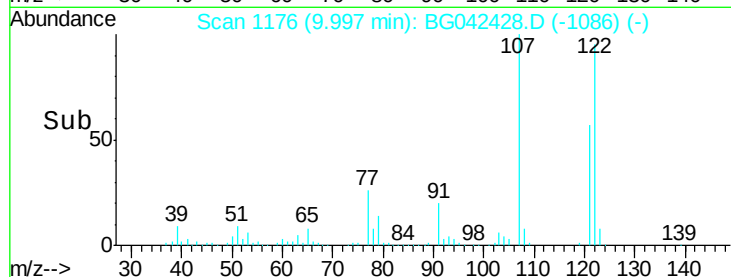
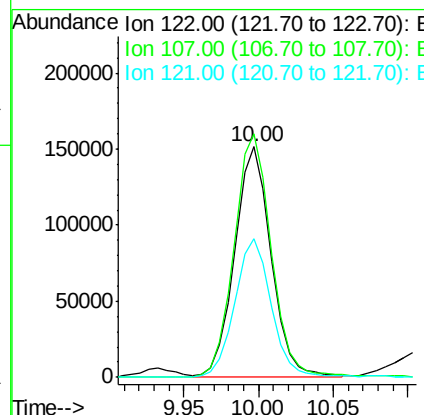
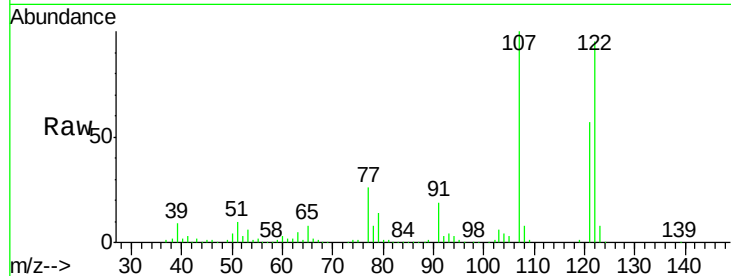
#27
 2,4-Dimethylphenol
 Concen: 47.740 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	256056		
107	105.7		90.8	136.2
121	60.1		49.6	74.4

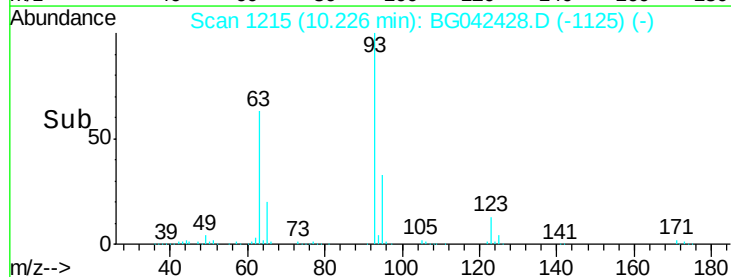
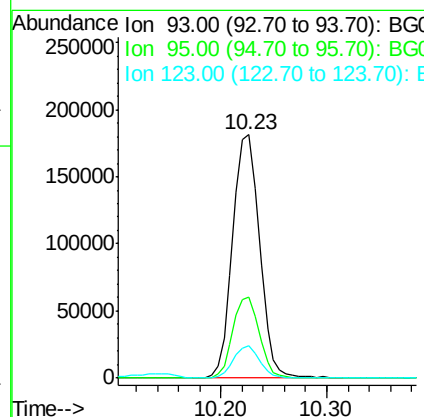
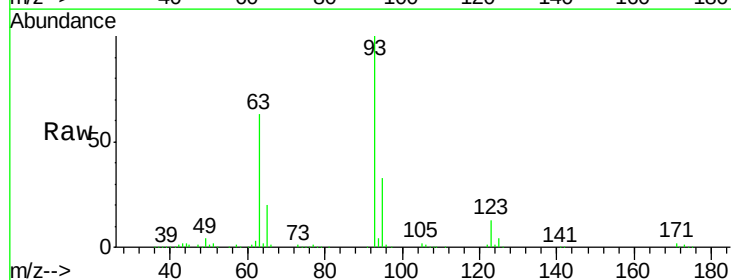
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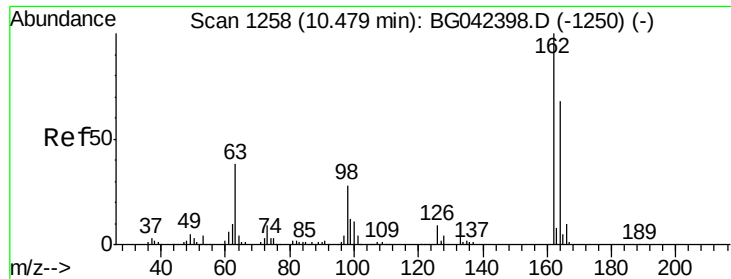
Jagrut
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.129 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	321531		
95	33.1		26.6	40.0
123	13.2		10.1	15.1





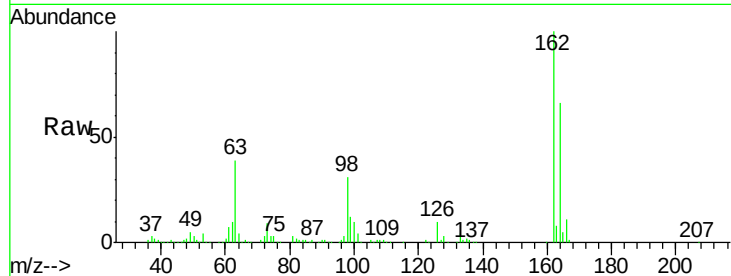
#29
 2,4-Dichlorophenol
 Concen: 39.723 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

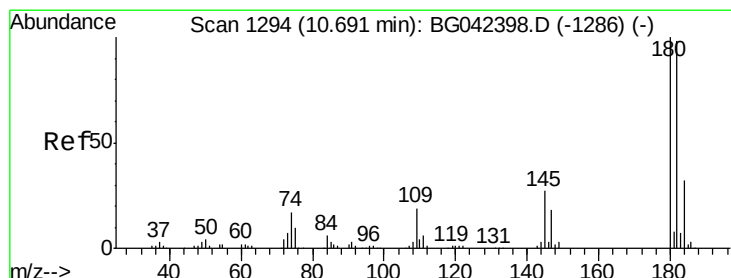
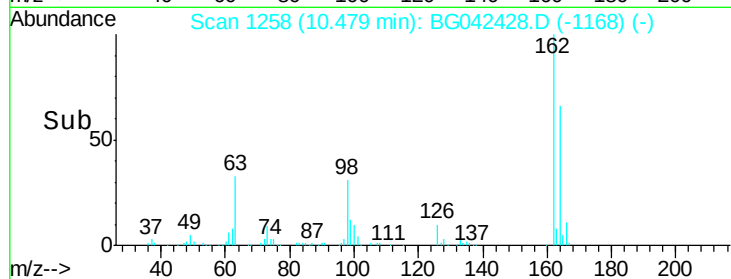
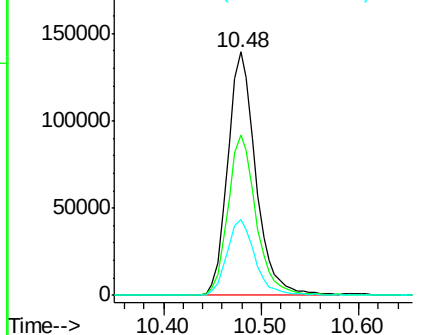
Tot Ion	Ratio	Resp	Lower	Upper
162	100	278752		
164	66.1	48.1	88.1	
98	31.1	7.6	47.6	

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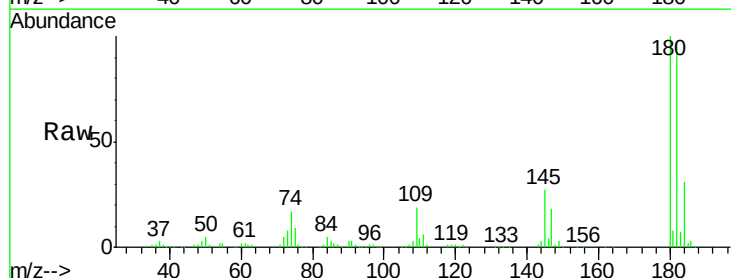


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

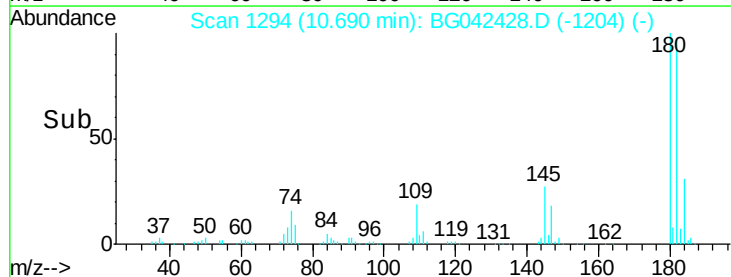
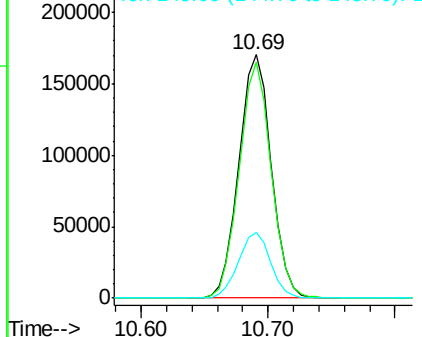


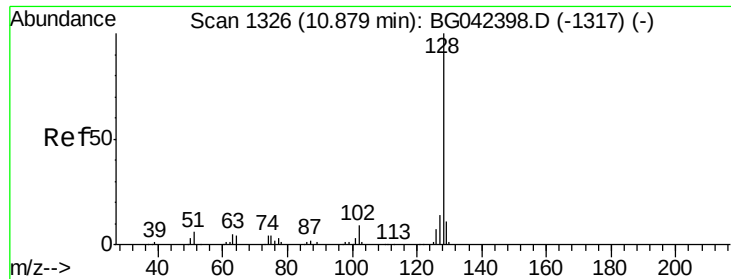
#30
 1,2,4-Trichlorobenzene
 Concen: 35.048 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	301882		
182	97.1	78.7	118.1	
145	27.2	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





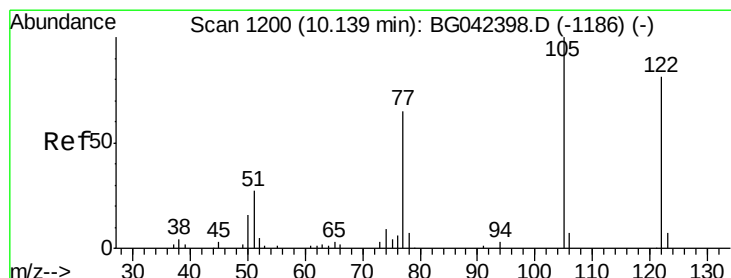
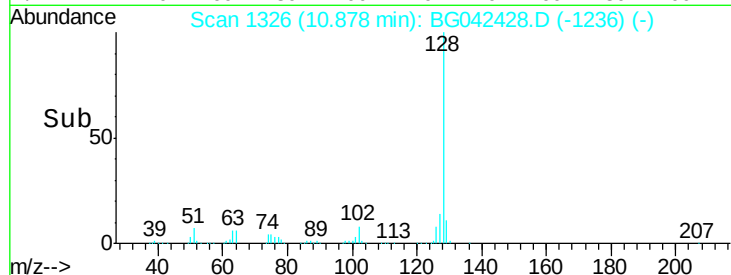
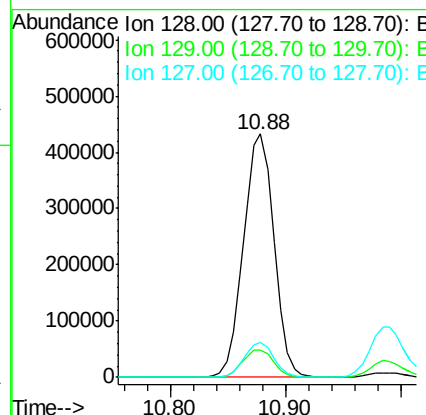
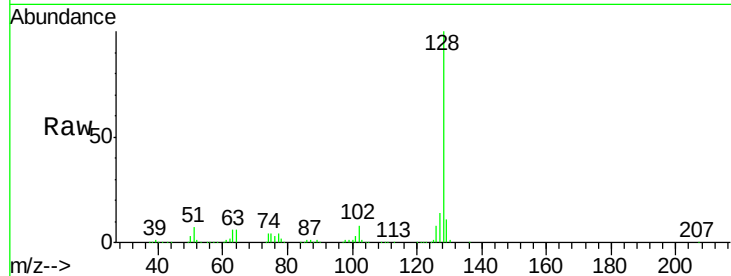
#31
Naphthalene
Concen: 40.312 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.4	8.8	13.2
127	14.3	11.4	17.0

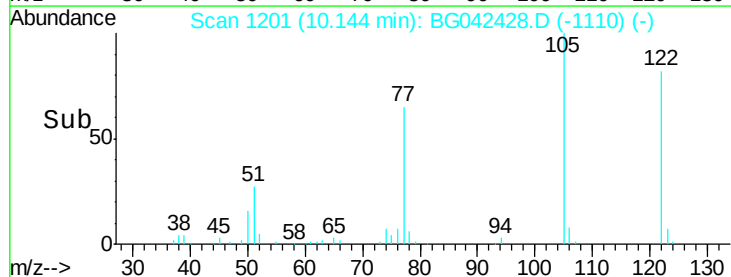
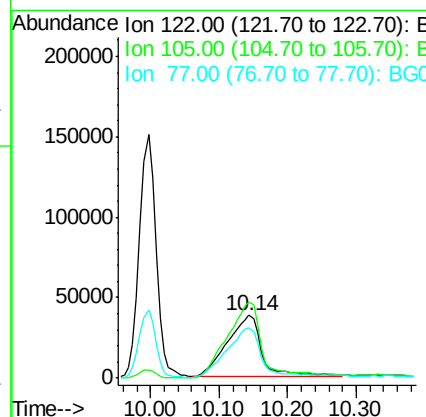
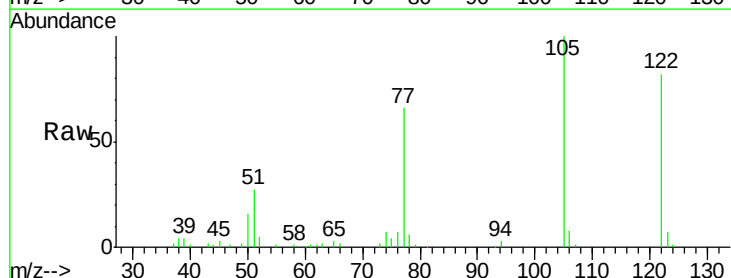
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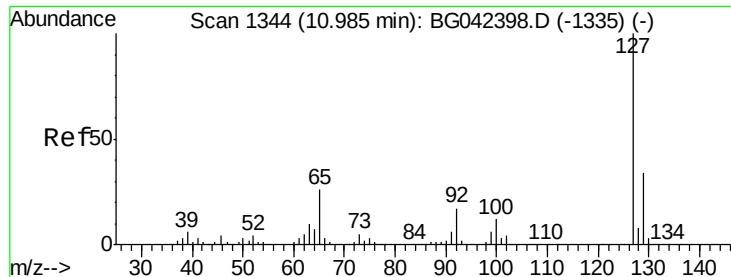
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#32
Benzoic acid
Concen: 36.437 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.9	99.6	139.6
77	80.4	59.5	99.5





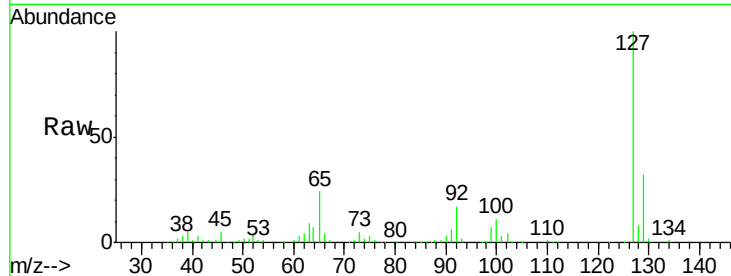
#33
4-Chloroaniline
Concen: 21.209 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

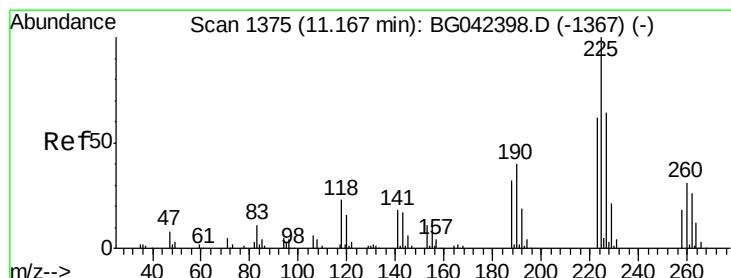
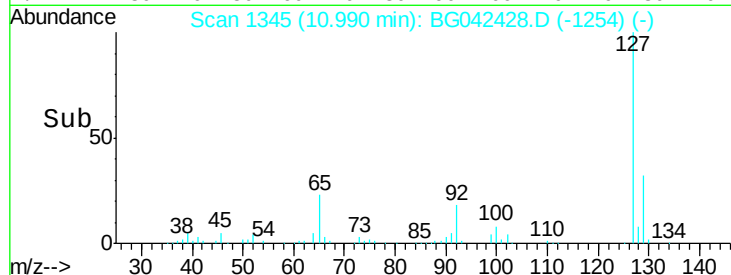
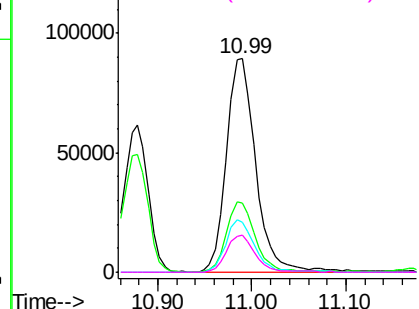
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		192739		
129	32.1	26.8	40.2		
65	23.6	20.7	31.1		
92	17.5	13.6	20.4		

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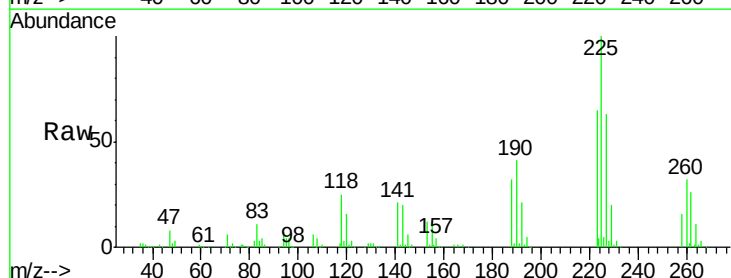


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

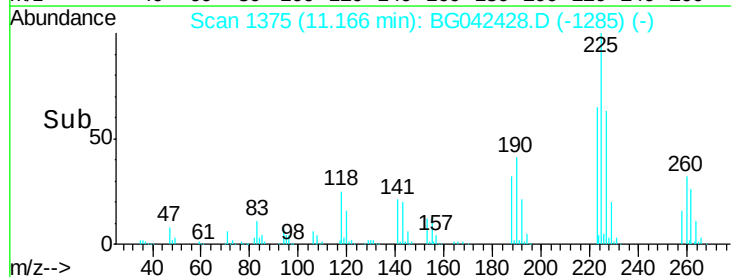
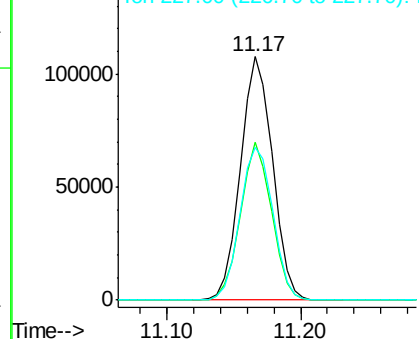


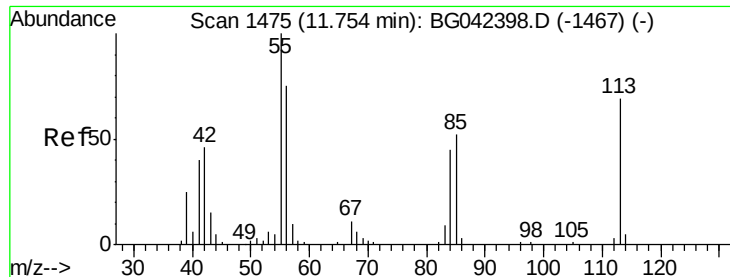
#34
Hexachlorobutadiene
Concen: 30.876 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		178738		
223	64.7	49.8	74.6		
227	62.6	50.9	76.3		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.589 ng/mL

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

ClientSampleID :

PB122218BSD

Tot Ion:113 Resp: 90358

Ion Ratio Lower Upper

113 100

55 149.0 124.6 164.6

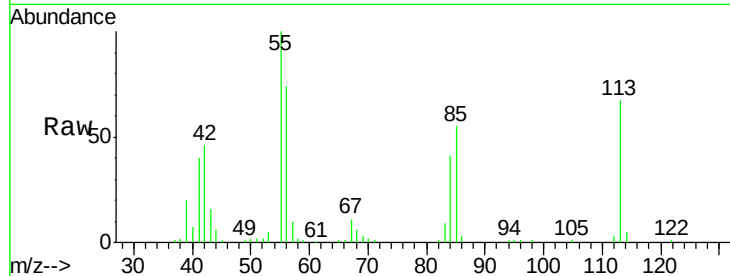
56 110.9 88.3 128.3

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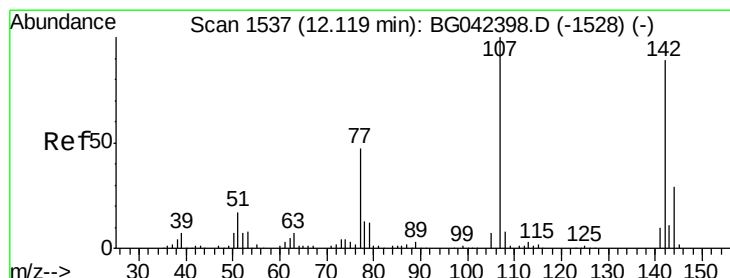
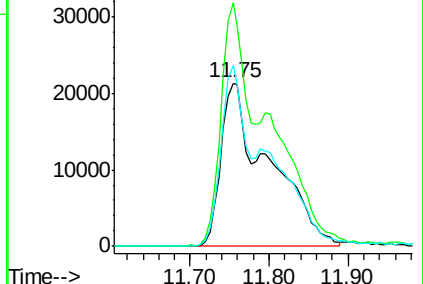
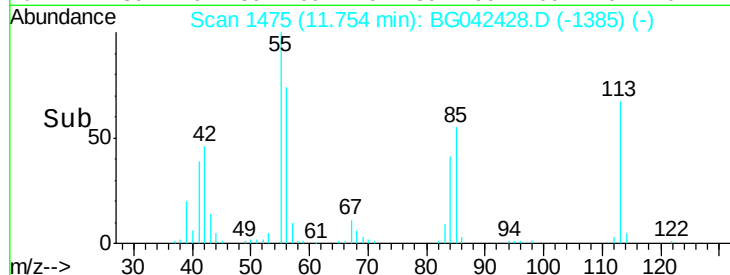
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.750 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

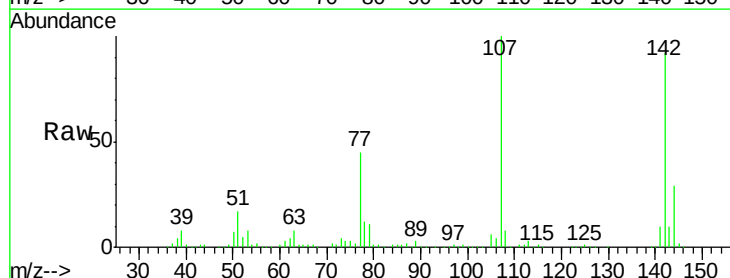
Tgt Ion:107 Resp: 258140

Ion Ratio Lower Upper

107 100

144 29.2 23.6 35.4

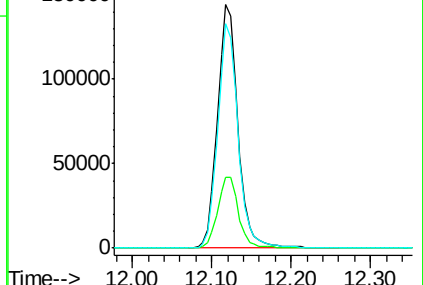
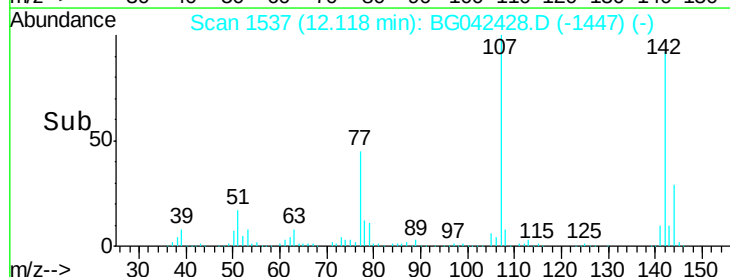
142 92.1 71.0 106.4

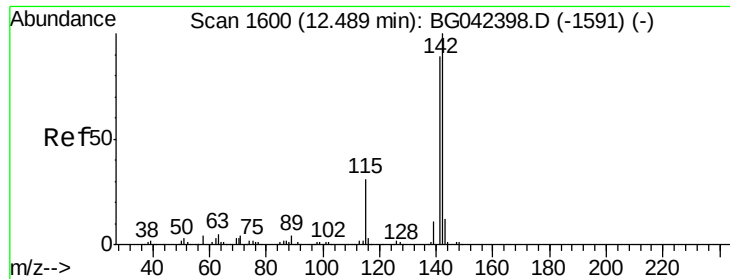


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





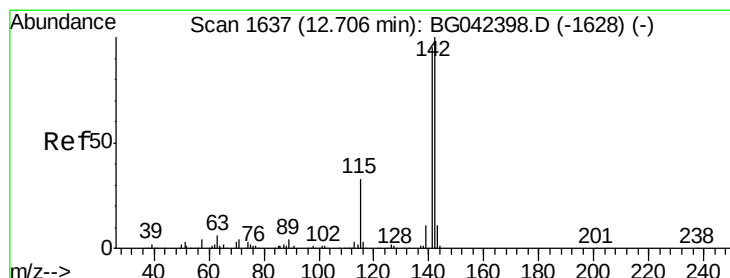
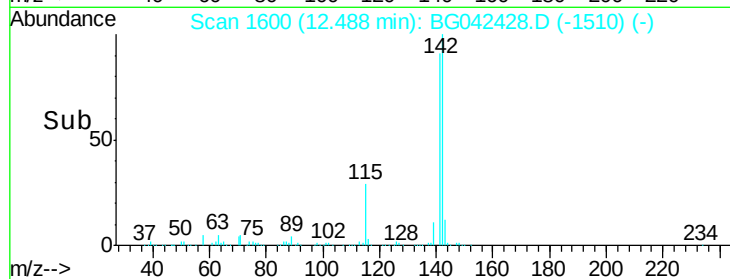
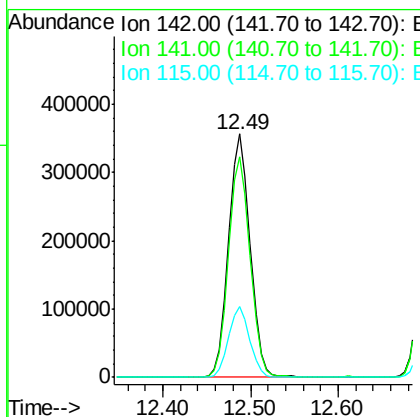
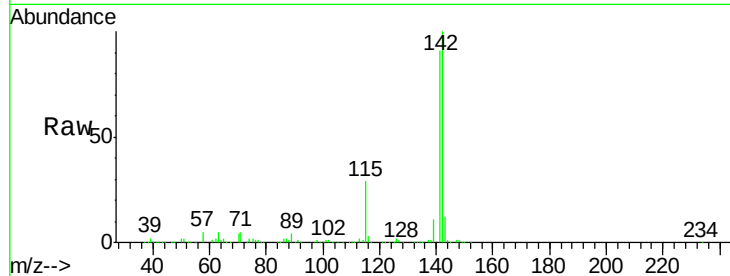
#37
2-Methylnaphthalene
Concen: 38.122 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.4	107.2
115	29.3	25.2	37.8

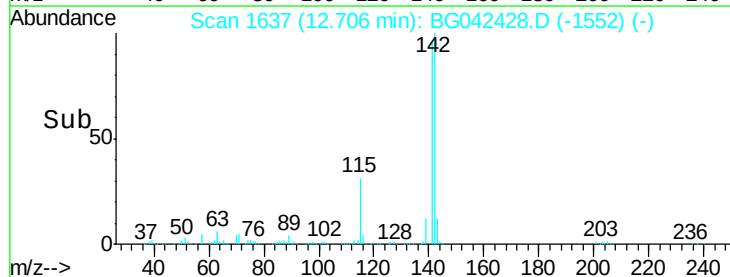
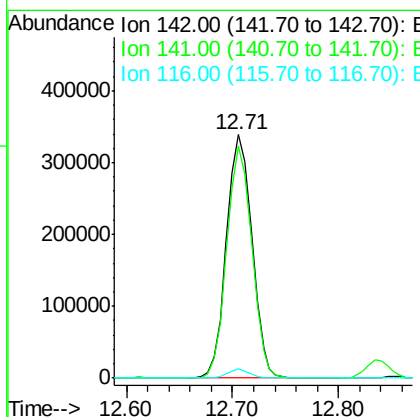
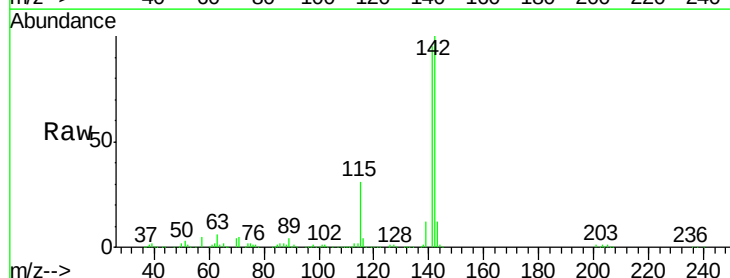
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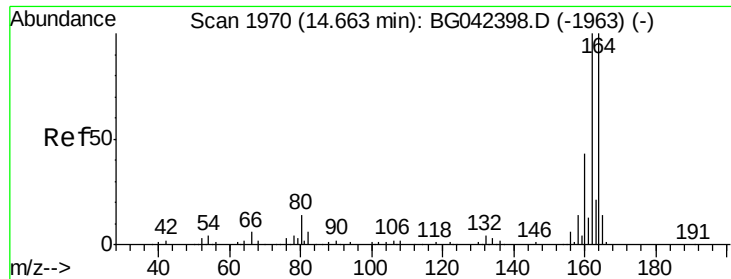
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#38
1-Methylnaphthalene
Concen: 37.618 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	76.2	114.2
116	3.6	2.8	4.2





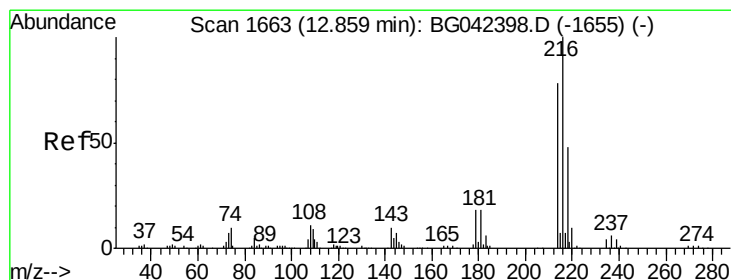
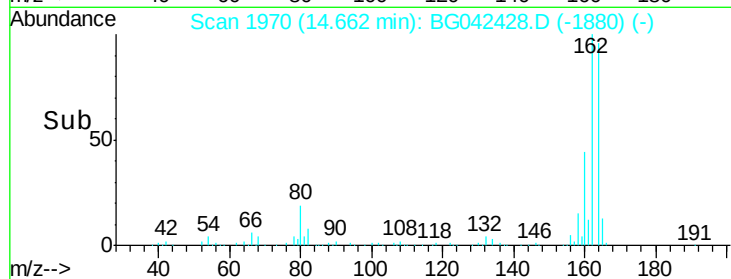
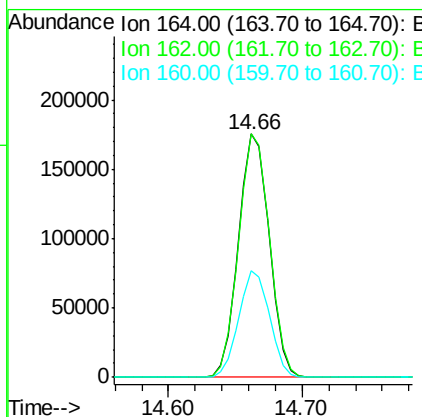
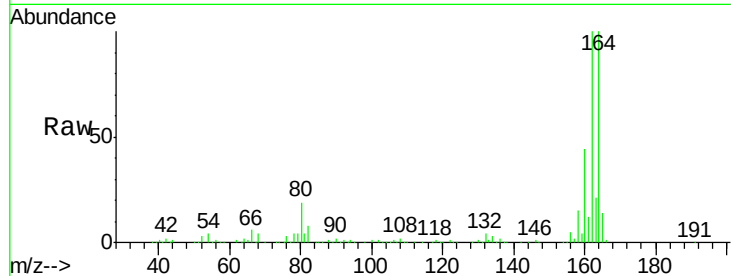
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	43.7	34.3	51.5

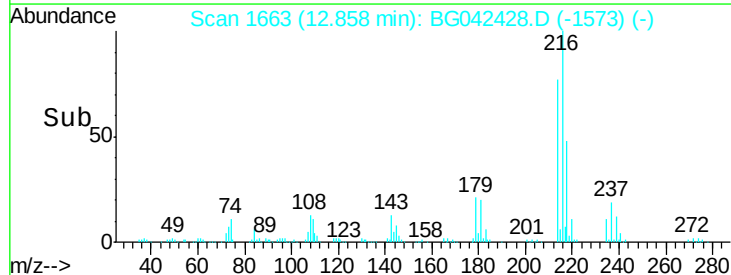
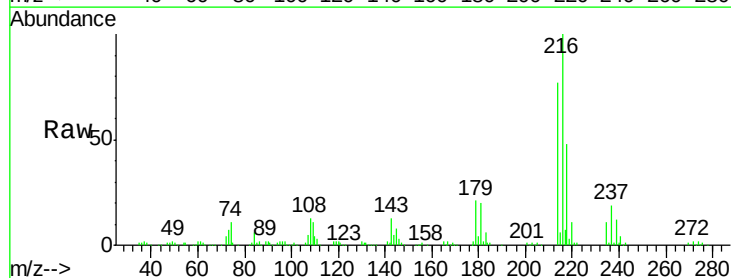
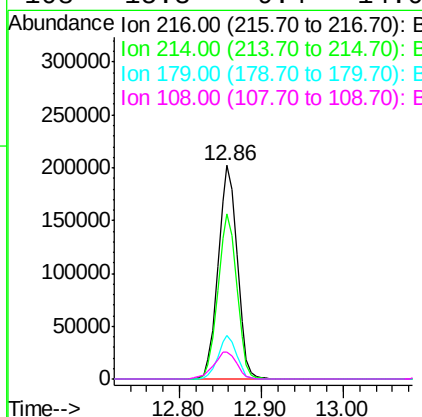
Manual Integrations
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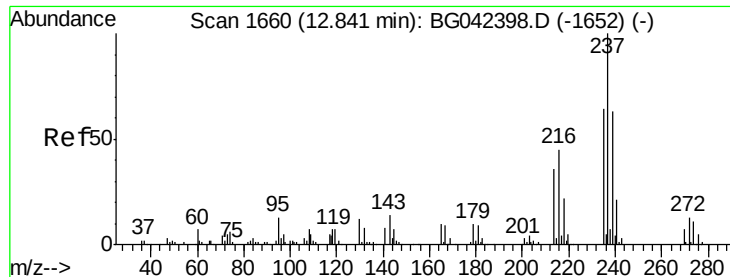
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.410 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.4	92.2
179	19.9	15.1	22.7
108	15.3	9.4	14.0





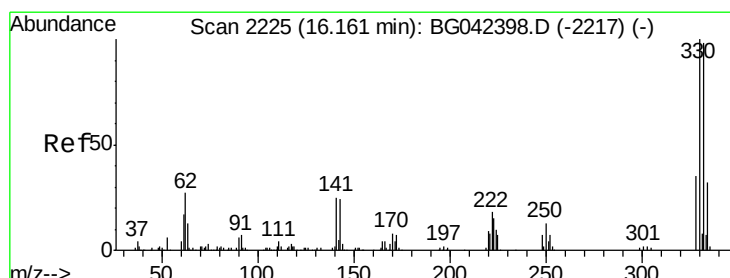
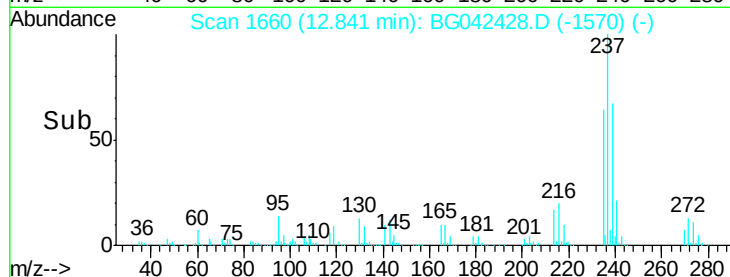
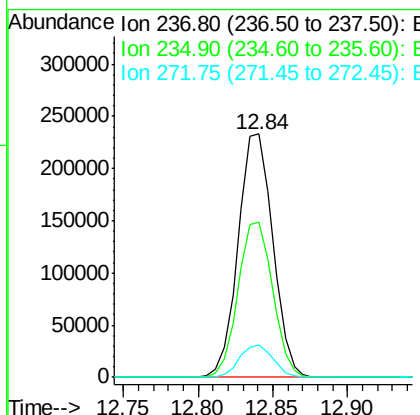
#41
Hexachlorocyclopentadiene
Concen: 79.623 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	43.7	83.7
272	13.2	0.0	33.3

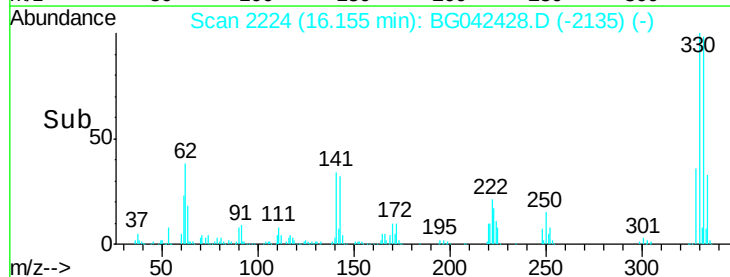
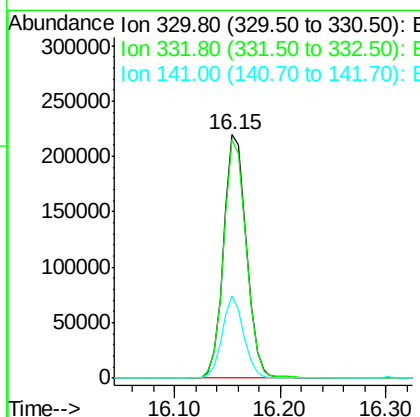
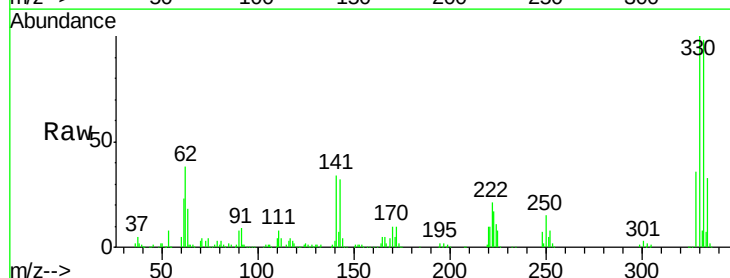
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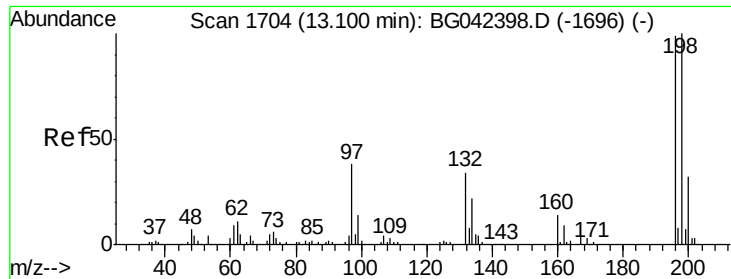
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#42
2,4,6-Tribromophenol
Concen: 82.480 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	77.4	116.0
141	32.1	21.4	32.0#





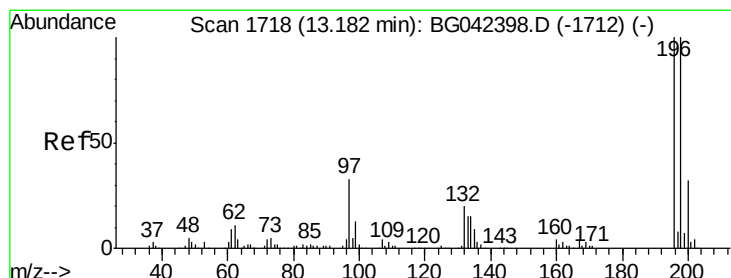
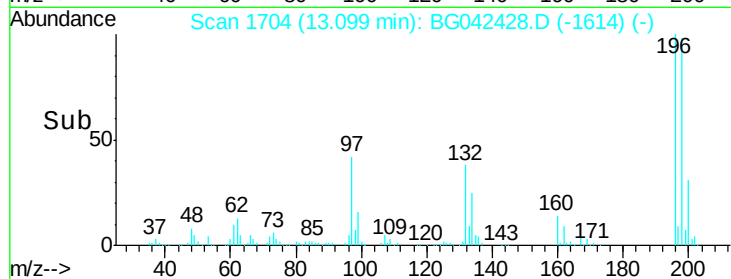
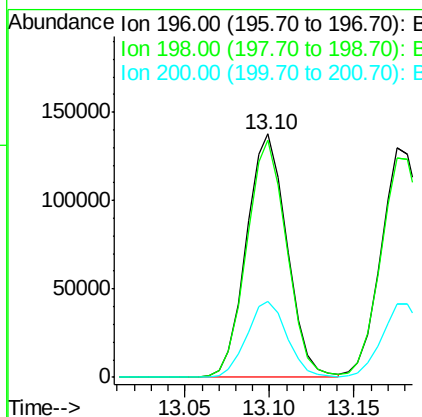
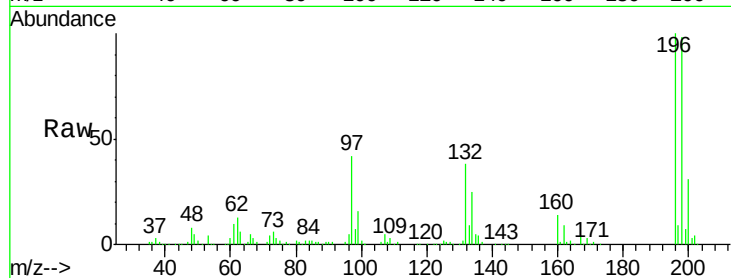
#43
 2,4,6-Trichlorophenol
 Concen: 37.644 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228876		
198	97.5	80.7	121.1	
200	31.0	25.7	38.5	

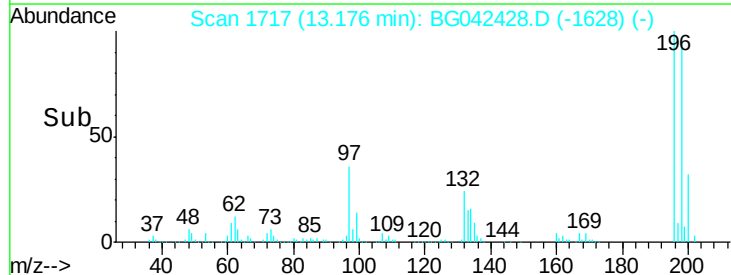
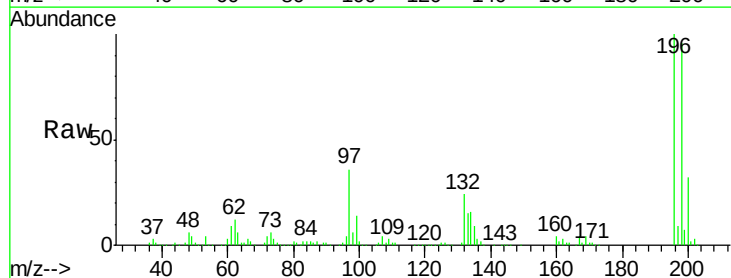
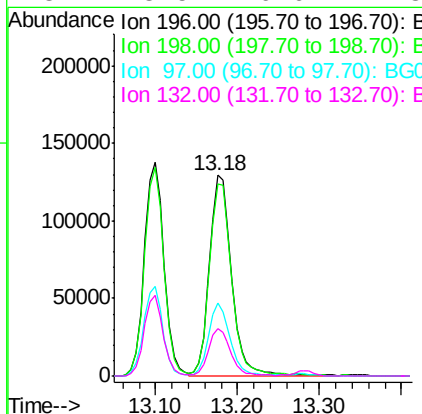
Manual Integrations
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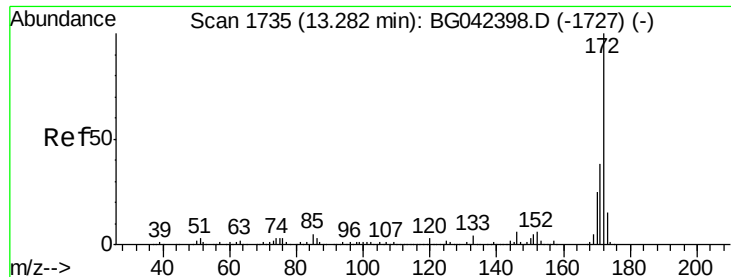
Jagrut
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#44
 2,4,5-Trichlorophenol
 Concen: 38.639 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243448		
198	95.9	80.2	120.4	
97	36.5	26.3	39.5	
132	23.5	16.6	24.8	





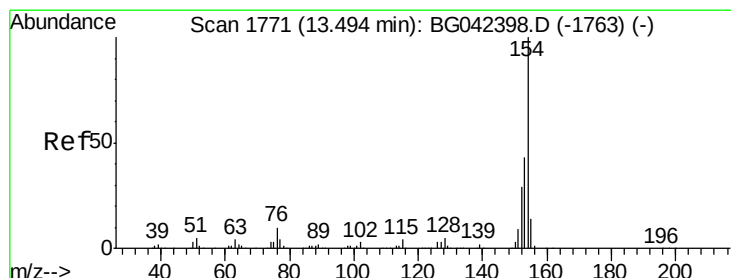
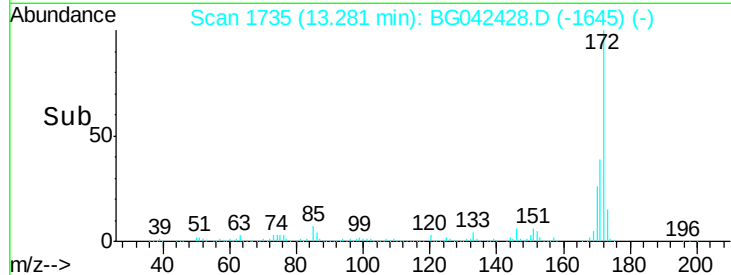
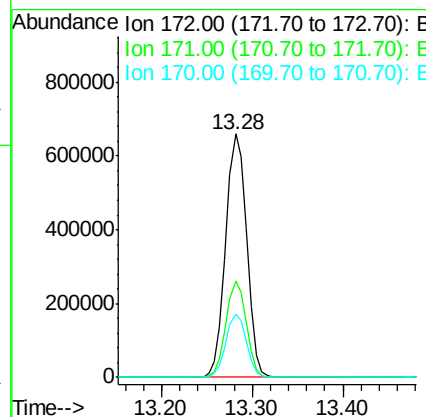
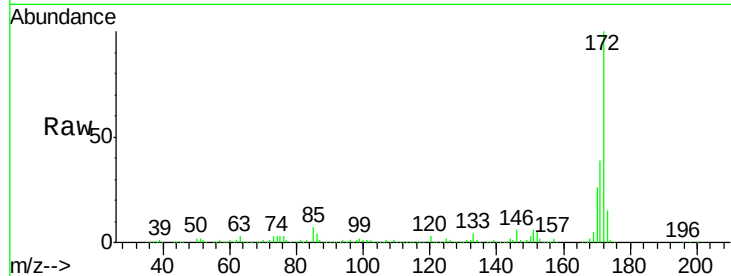
#45
 2-Fluorobiphenyl
 Concen: 63.834 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.5	45.7
170	25.8	20.2	30.2

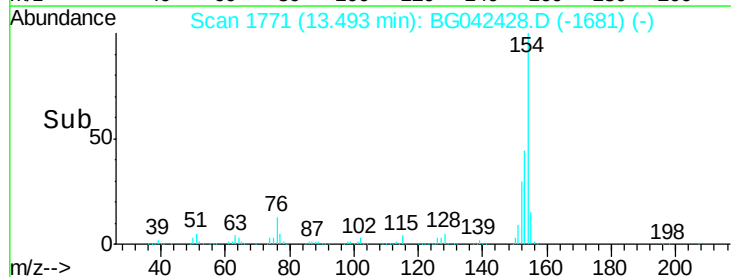
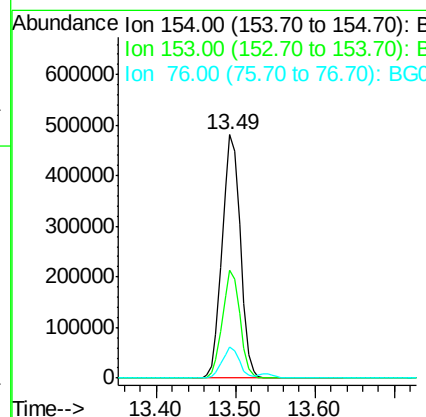
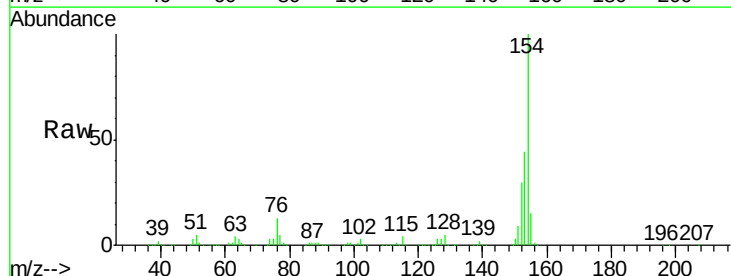
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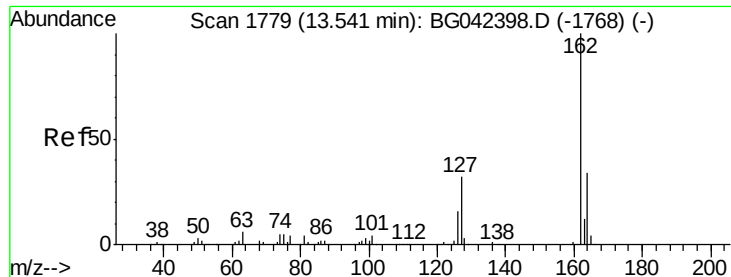
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#46
 1,1'-Biphenyl
 Concen: 42.245 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.0	63.0
76	12.7	0.0	29.6





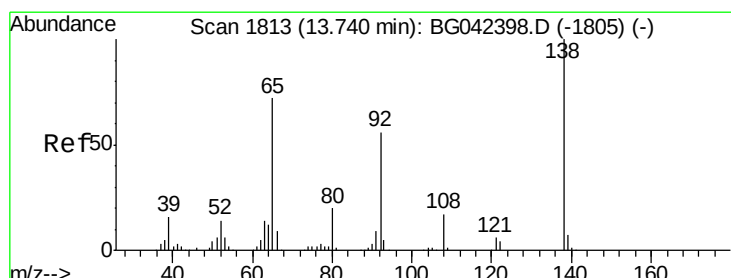
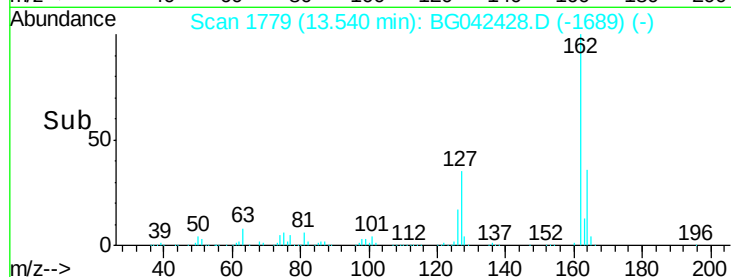
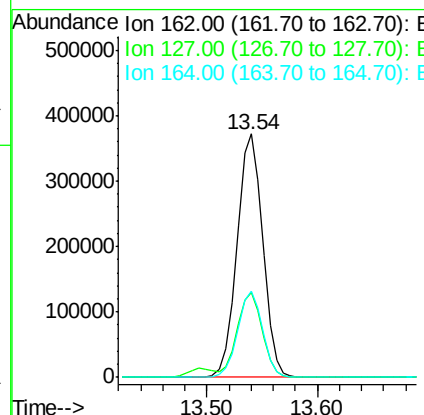
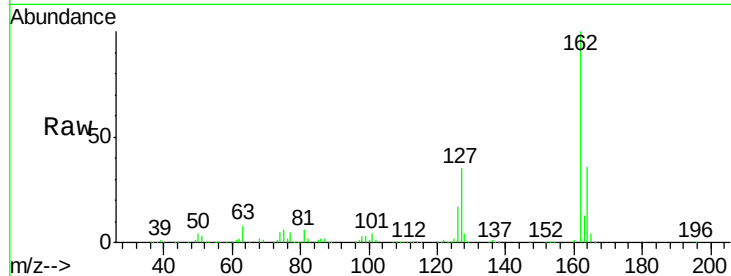
#47
2-Chloronaphthalene
Concen: 39.078 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.1	26.0	39.0	
164	35.7	27.4	41.0	

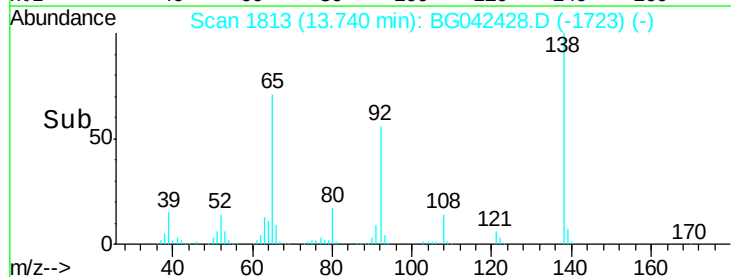
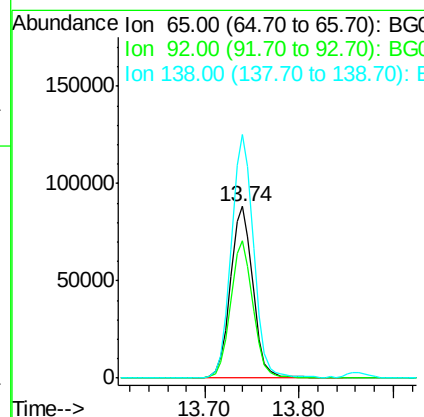
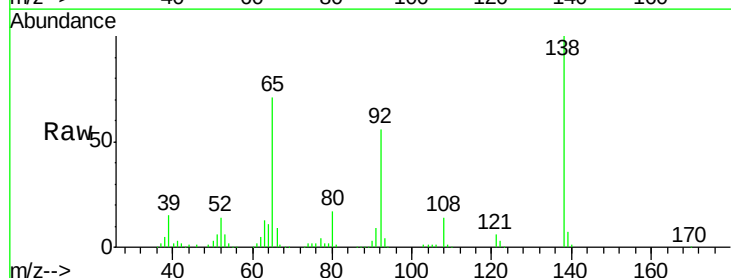
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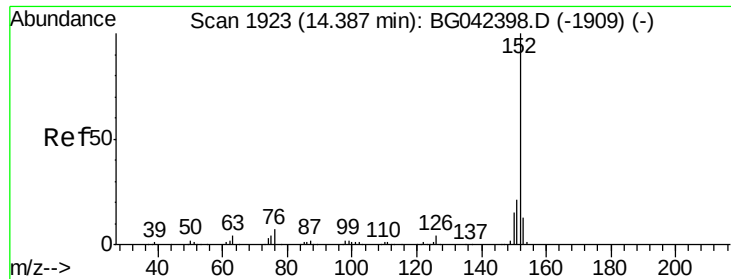
Jagrut
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#48
2-Nitroaniline
Concen: 39.140 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	79.7	61.8	92.6	
138	141.8	111.0	166.6	





#49

Acenaphthylene

Concen: 40.789 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

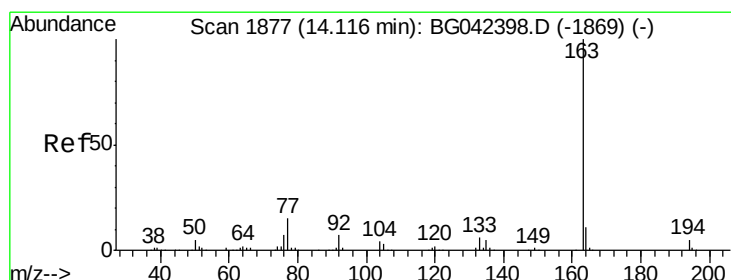
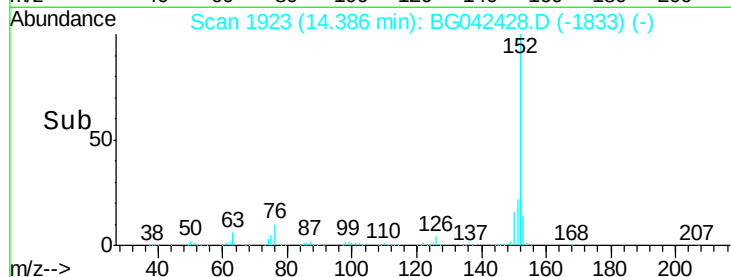
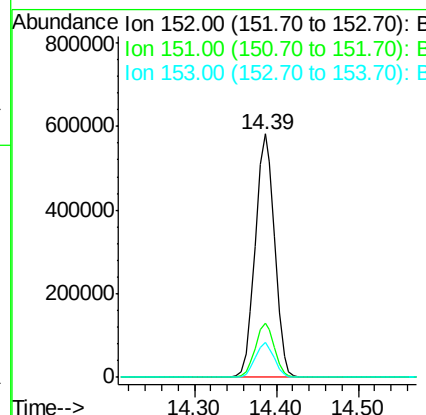
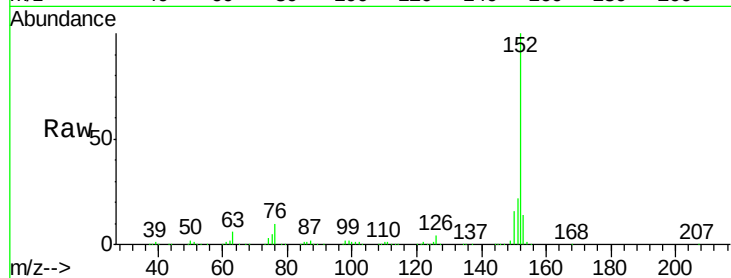
ClientSampleId :

PB122218BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.0	25.4
153	14.3	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 36.556 ng

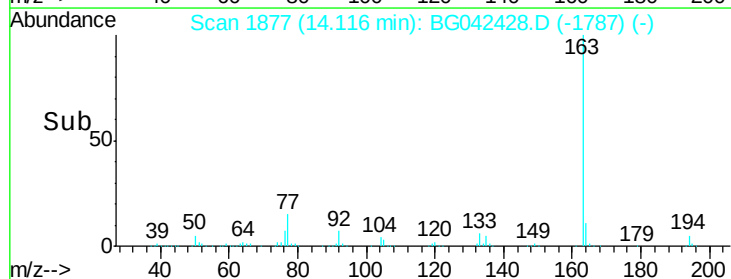
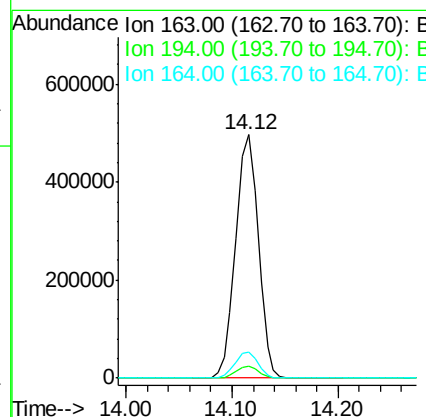
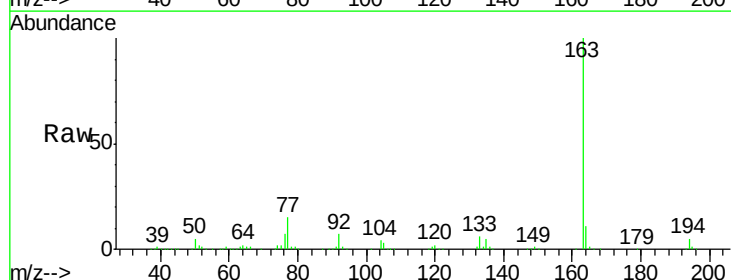
RT: 14.12 min Scan# 1877

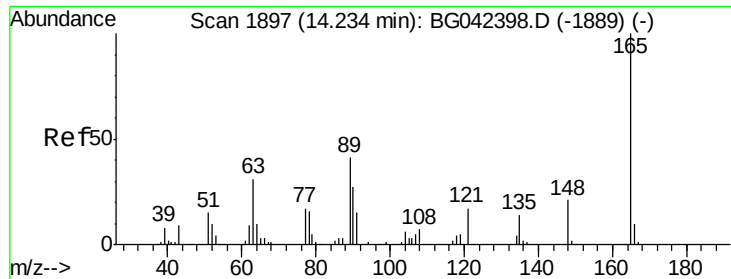
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.9	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 39.166 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

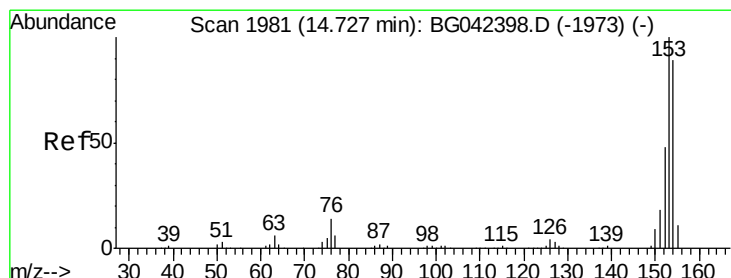
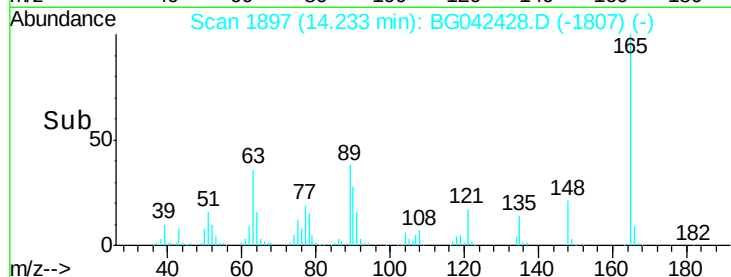
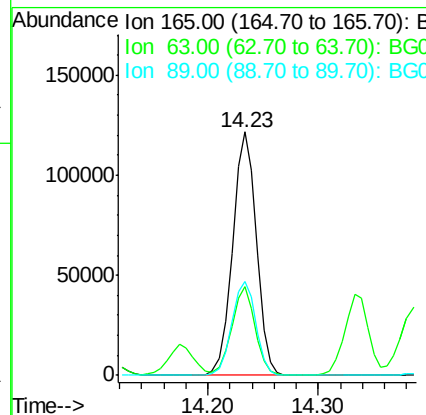
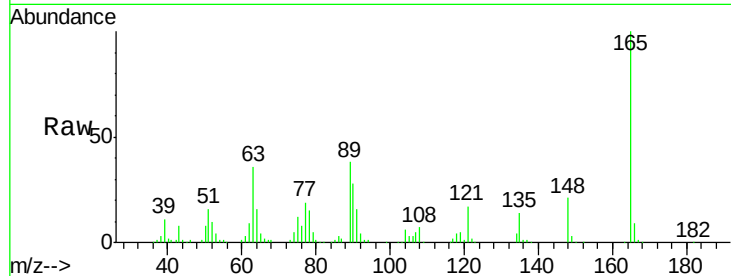
ClientSampleId :

PB122218BSD

Tot Ion:	165	Resp:	183471
Ion Ratio	Lower	Upper	
165	100		
63	36.2	30.6	45.8
89	38.5	32.6	49.0

Manual Integrations
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#52

Acenaphthene

Concen: 39.486 ng

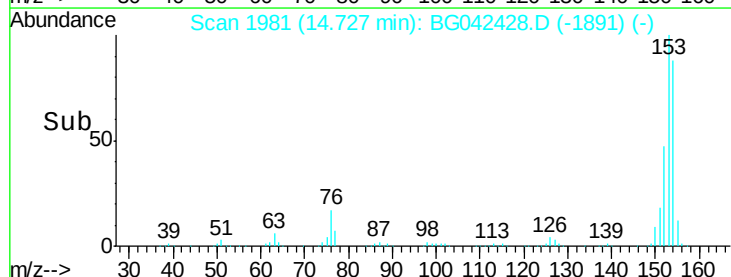
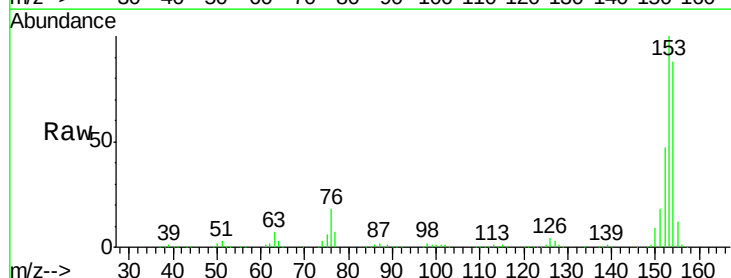
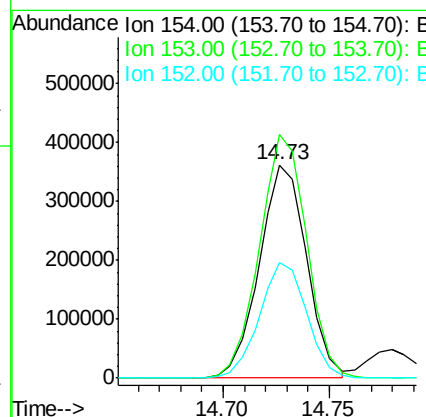
RT: 14.73 min Scan# 1981

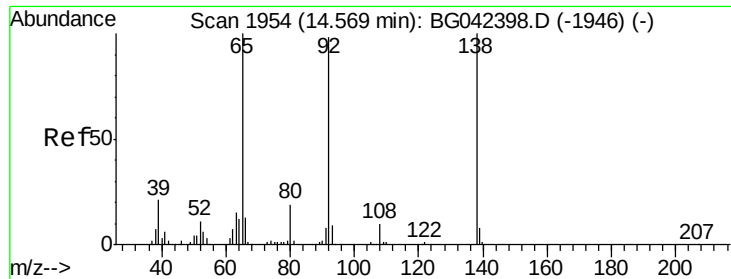
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:	154	Resp:	563155
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.2	135.4
152	54.2	43.2	64.8





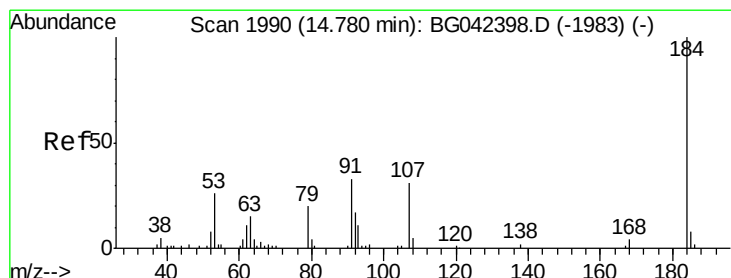
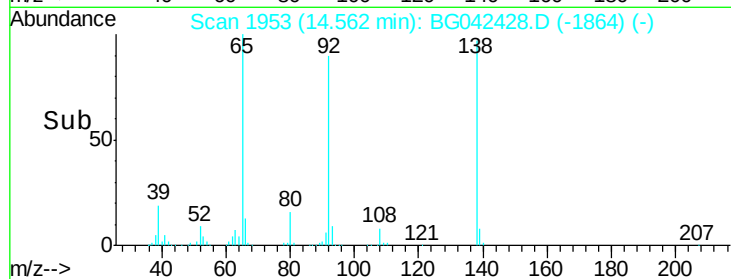
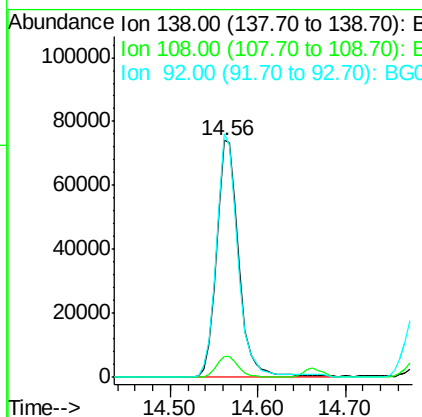
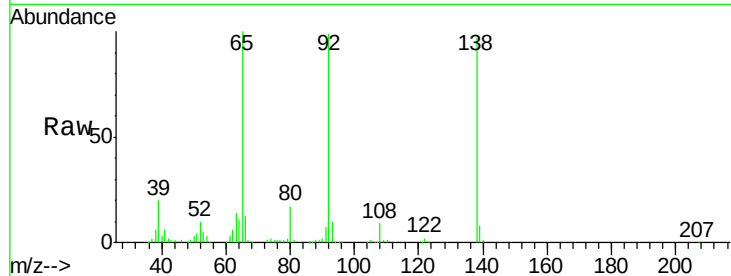
#53
 3-Nitroaniline
 Concen: 27.780 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampled :
 PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	130150		
108	8.8		8.3	12.5
92	102.7		78.2	117.4

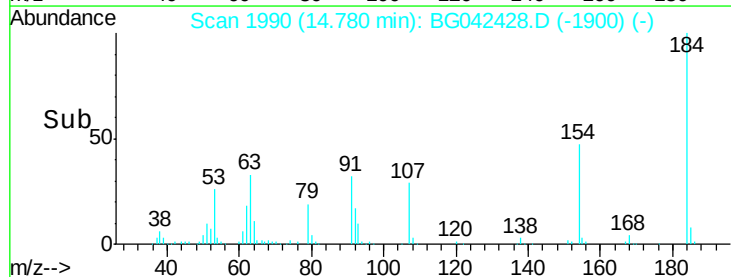
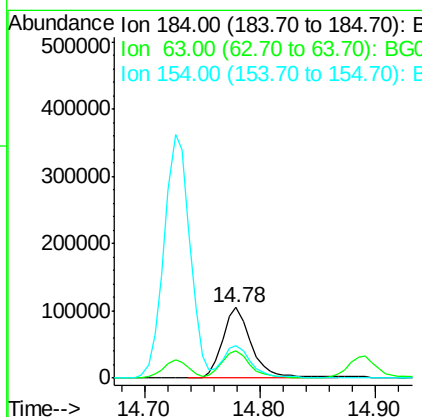
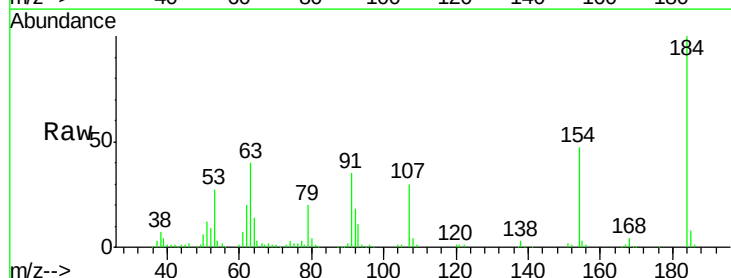
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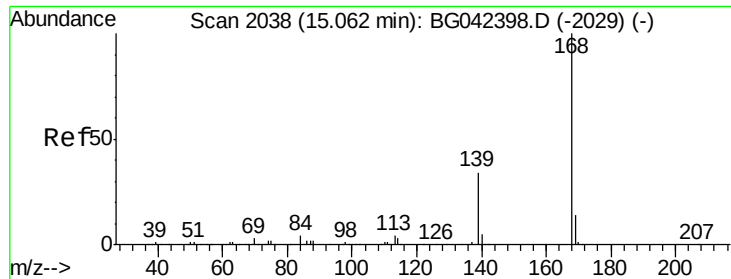
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#54
 2,4-Dinitrophenol
 Concen: 59.582 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	182674		
63	39.6		31.7	47.5
154	46.9		42.0	63.0





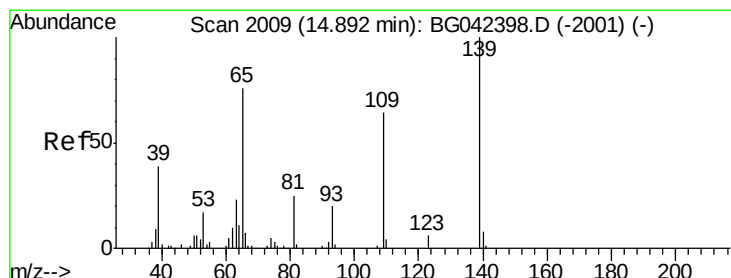
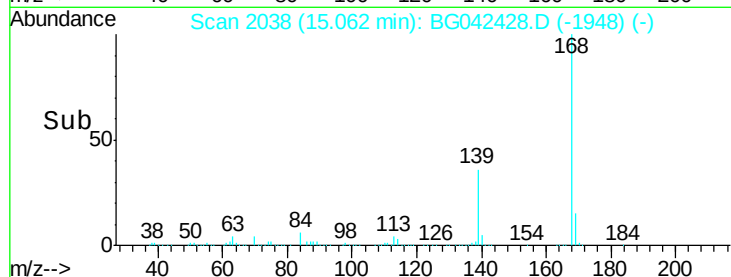
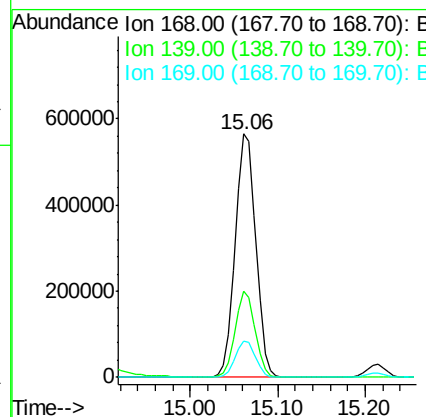
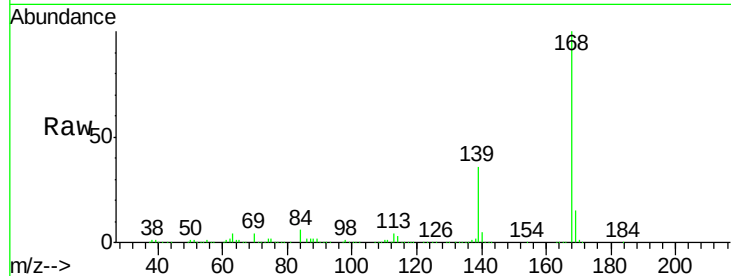
#55
Dibenzenofuran
Concen: 38.406 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.6	27.2	40.8	
169	15.1	11.5	17.3	

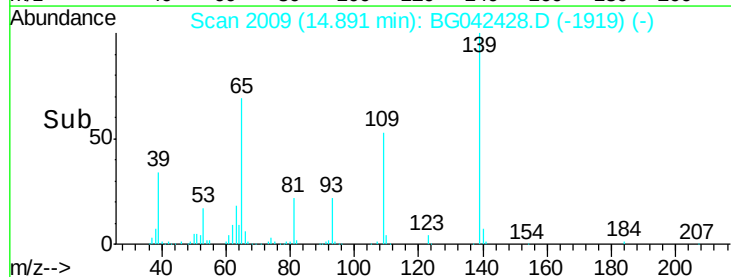
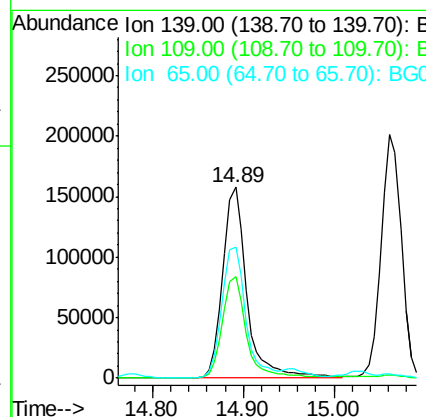
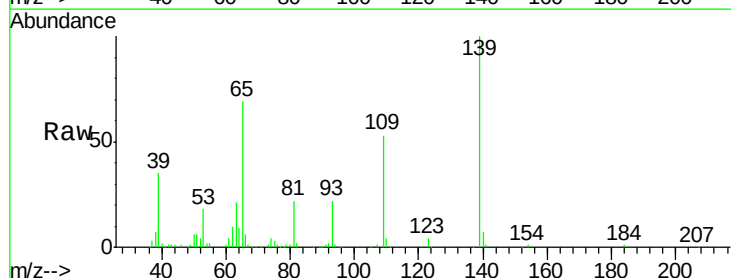
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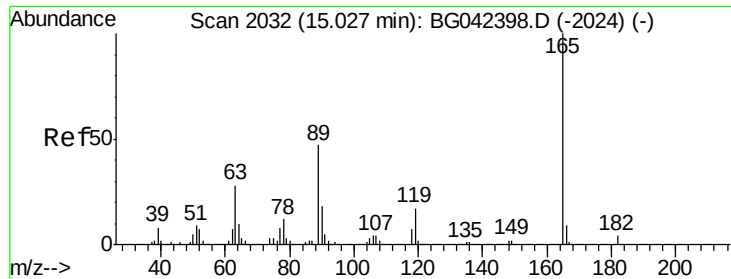
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#56
4-Nitrophenol
Concen: 87.702 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	53.2	43.9	83.9	
65	69.0	56.3	96.3	





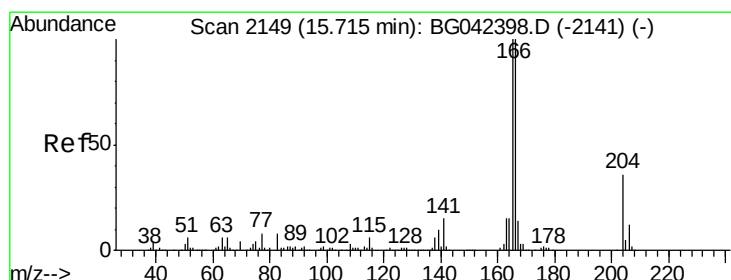
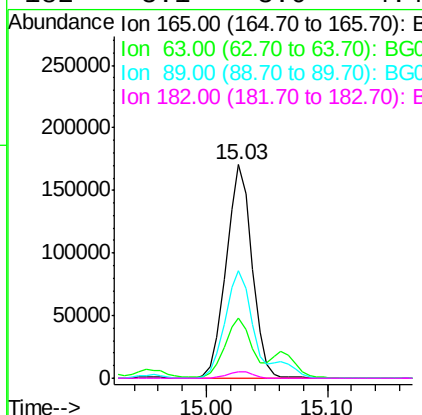
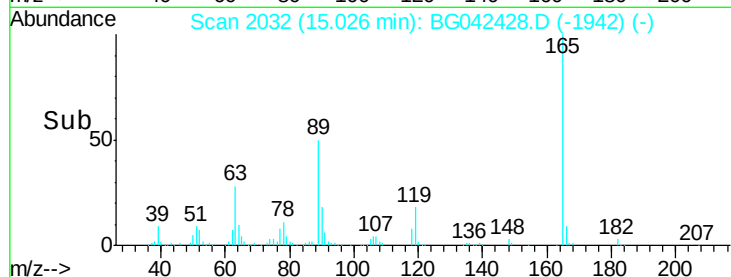
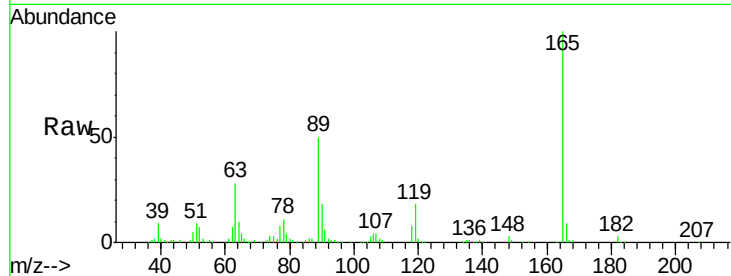
#57
 2,4-Dinitrotoluene
 Concen: 37.794 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	253526		
63	28.3		22.5	33.7
89	50.1		37.8	56.6
182	3.1		3.0	4.4

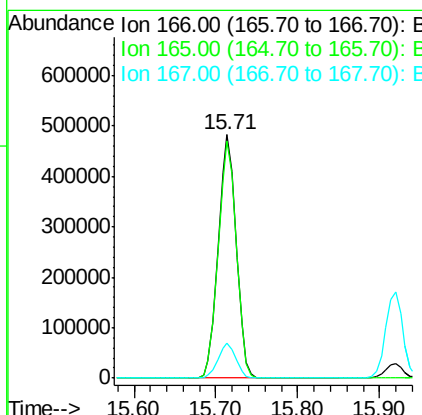
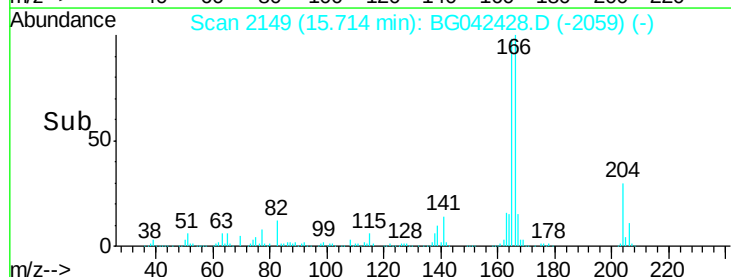
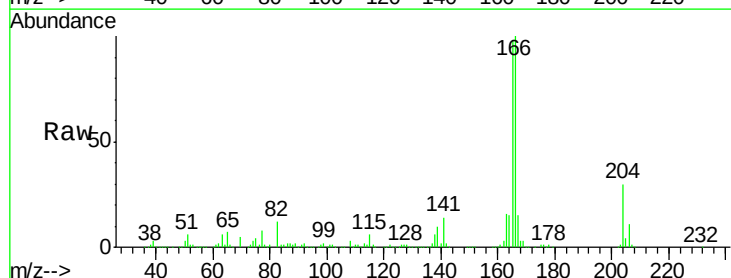
Manual Integrations
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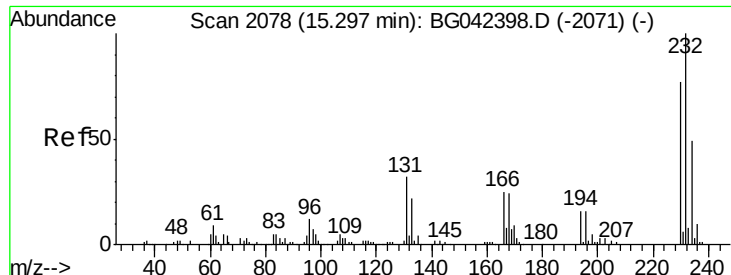
Jagrut
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#58
 Fluorene
 Concen: 38.317 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	739448		
165	97.7		79.7	119.5
167	14.5		10.9	16.3





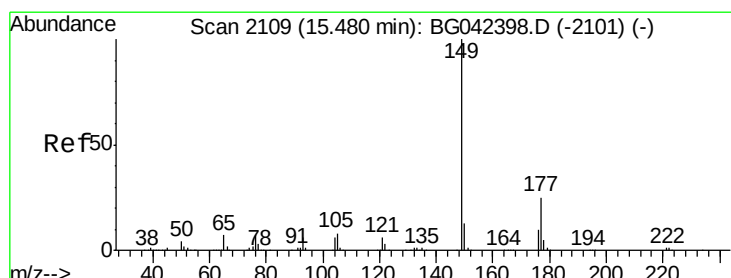
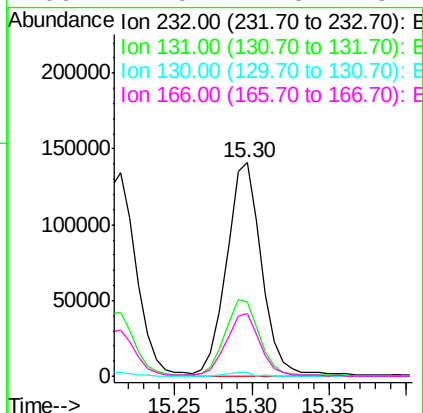
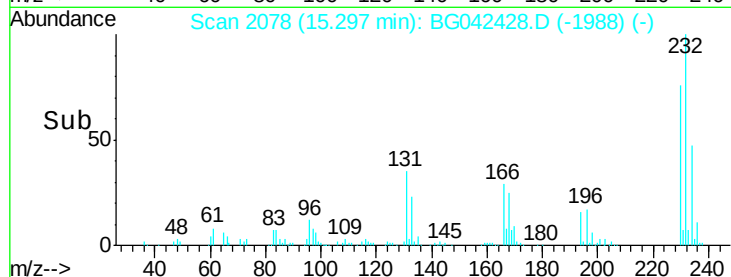
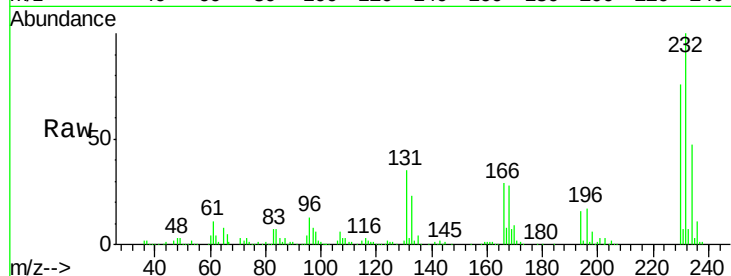
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.737 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	222668		
131	30.6		22.9	34.3
130	1.7		1.4	2.0
166	22.0		17.0	25.4

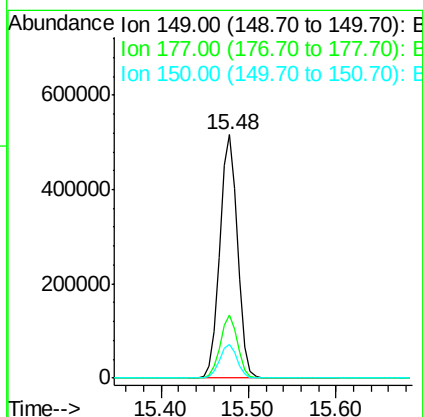
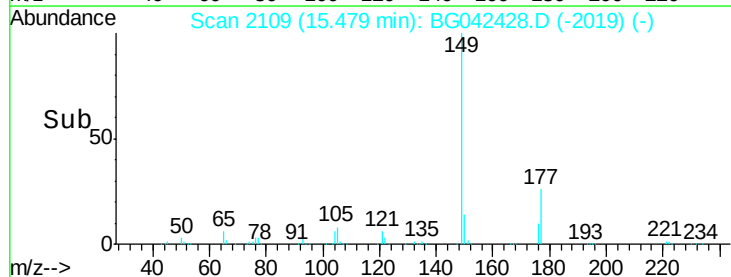
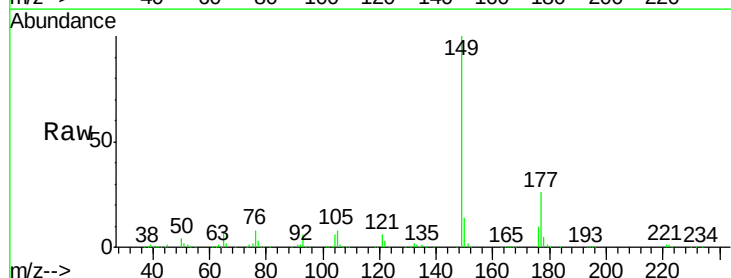
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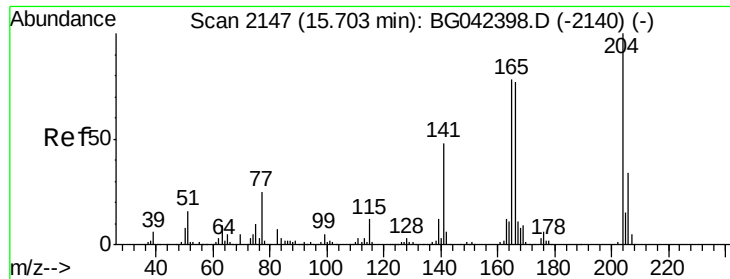
Jagrut
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#60
Diethylphthalate
Concen: 36.664 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	724354		
177	26.0		20.4	30.6
150	13.6		10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 34.452 ng

RT: 15.70 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

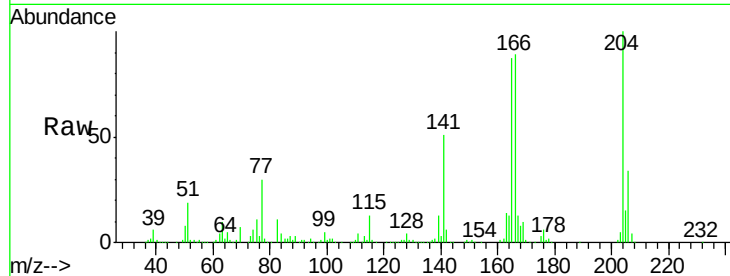
ClientSampleId :

PB122218BSD

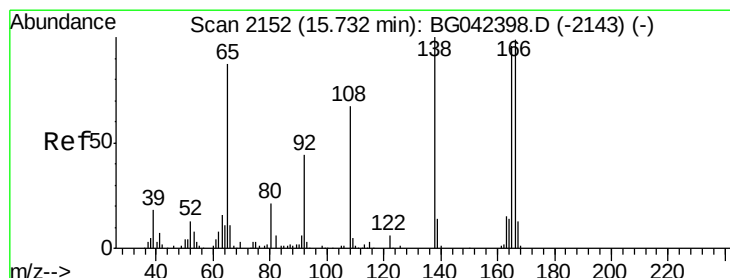
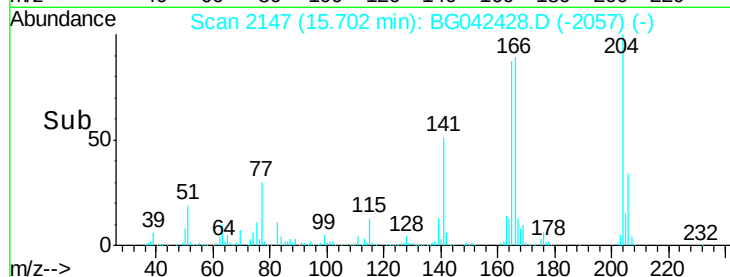
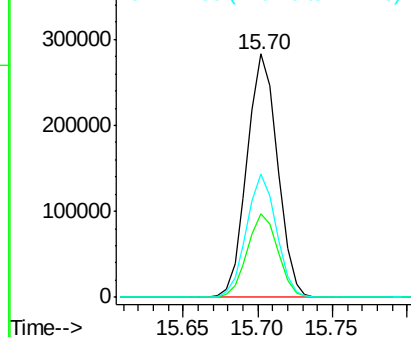
Tot Ion:	204	Resp:	400777
Ion Ratio	Lower	Upper	
204	100		
206	34.4	27.2	40.8
141	50.7	38.7	58.1

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



#62

4-Nitroaniline

Concen: 39.445 ng

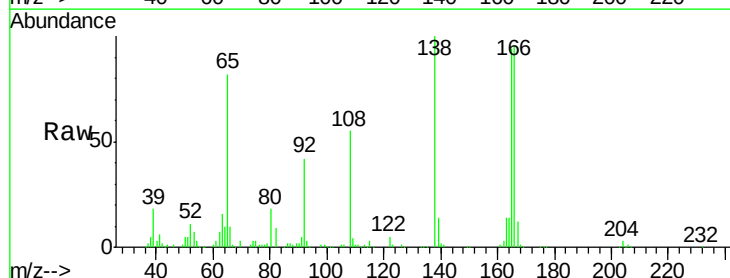
RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

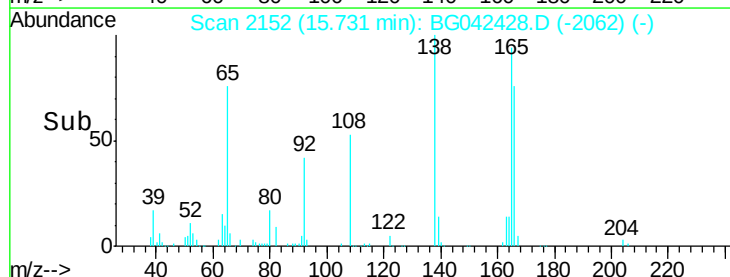
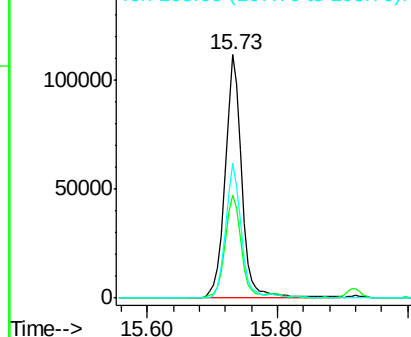
Lab File: BG042428.D

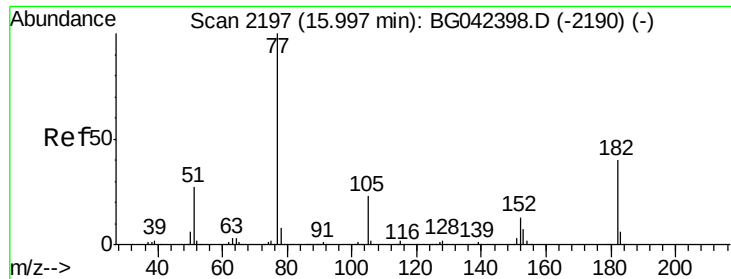
Acq: 23 Aug 2019 11:04

Tgt Ion:	138	Resp:	197779
Ion Ratio	Lower	Upper	
138	100		
92	42.2	24.2	64.2
108	55.2	46.8	86.8



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





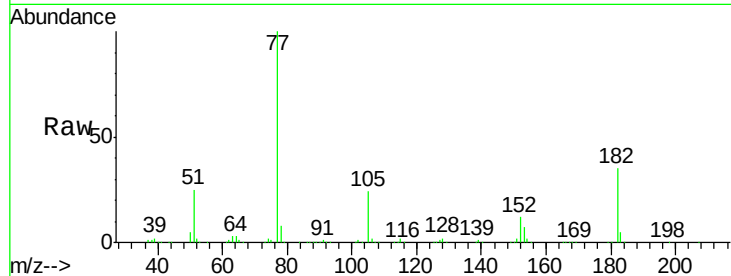
#63
Azobenzene
Concen: 42.300 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

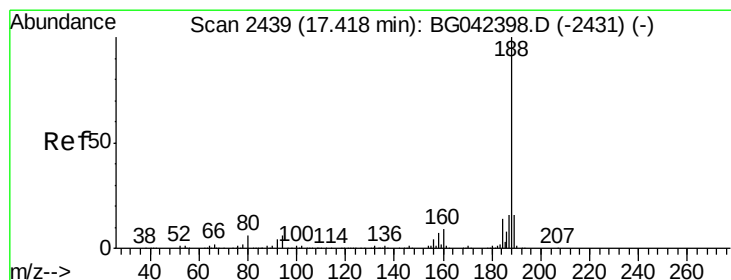
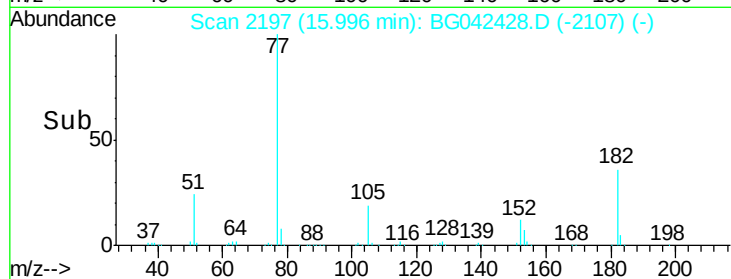
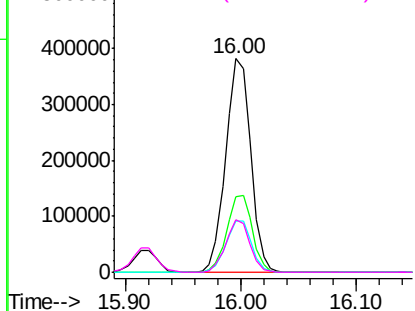
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	35.5	19.9	59.9		
105	24.2	2.9	42.9		
51	24.7	7.6	47.6		

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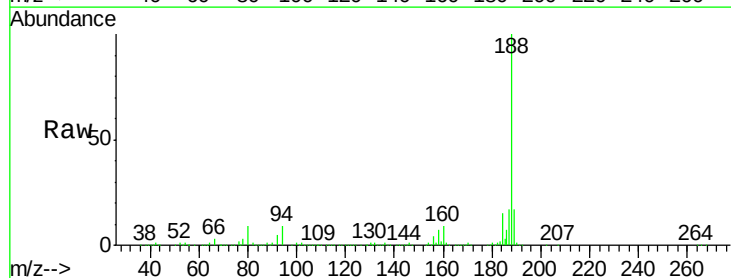


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

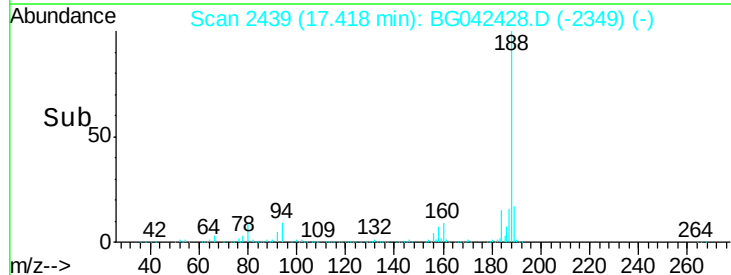
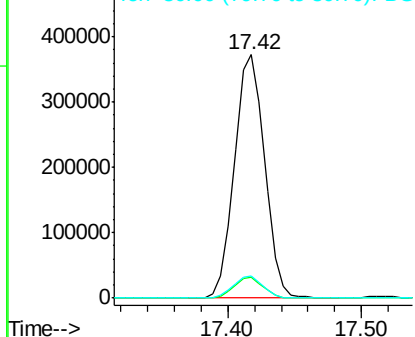


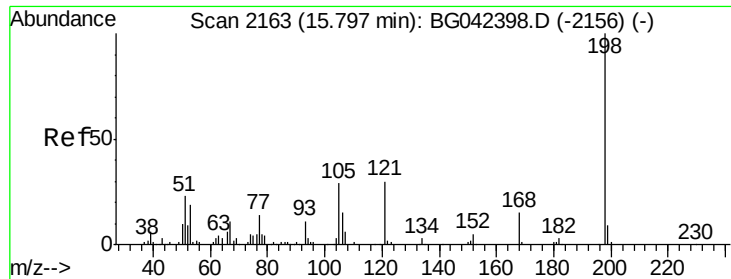
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	4.5	6.7#		
80	9.2	4.9	7.3#		



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





#65

4,6-Dinitro-2-methylphenol

Concen: 40.746 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

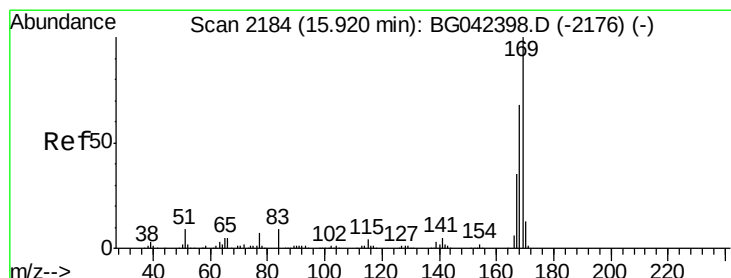
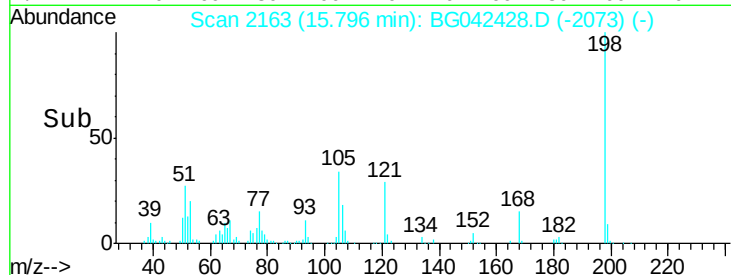
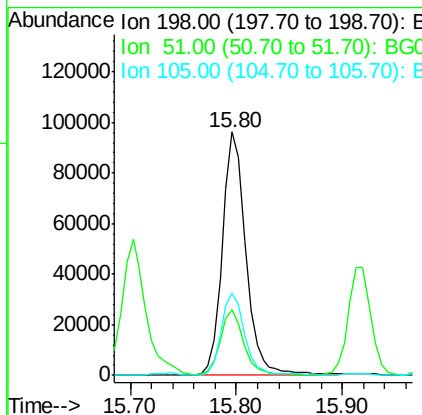
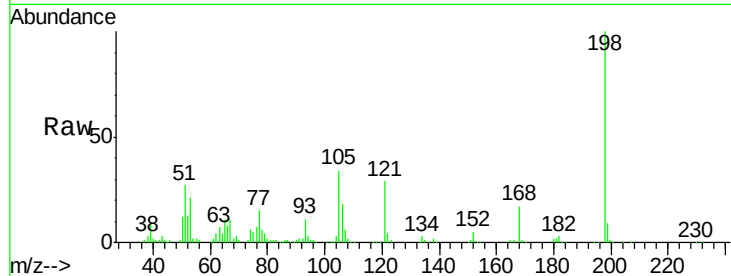
ClientSampleId :

PB122218BSD

Tot Ion:	198	Resp:	149496
Ion Ratio	Lower	Upper	
198	100		
51	26.7	4.2	44.2
105	33.7	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 42.102 ng

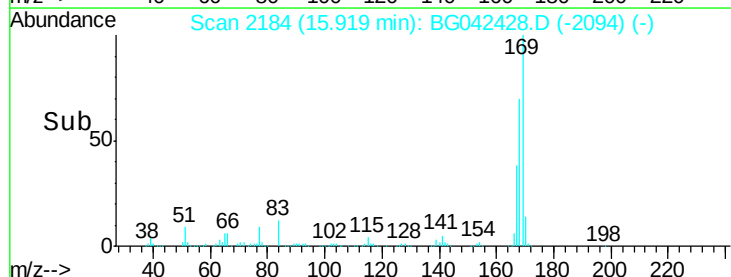
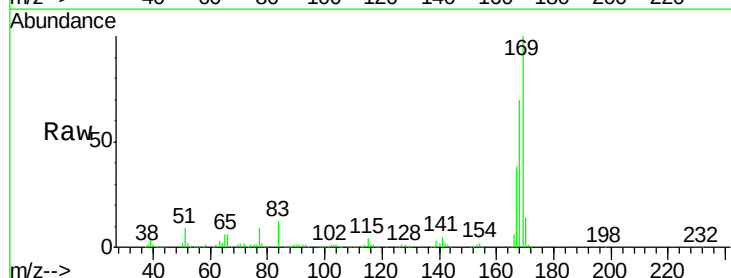
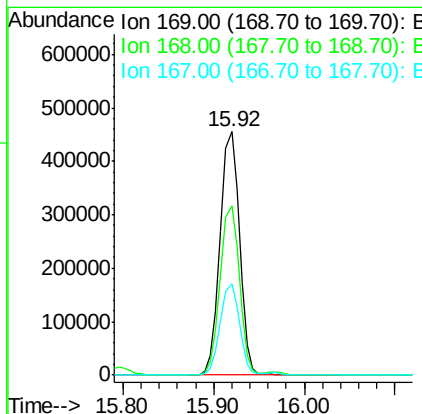
RT: 15.92 min Scan# 2184

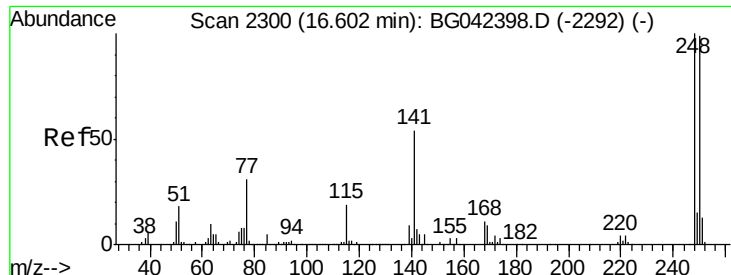
Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:	169	Resp:	677570
Ion Ratio	Lower	Upper	
169	100		
168	69.7	54.3	81.5
167	37.7	28.2	42.2





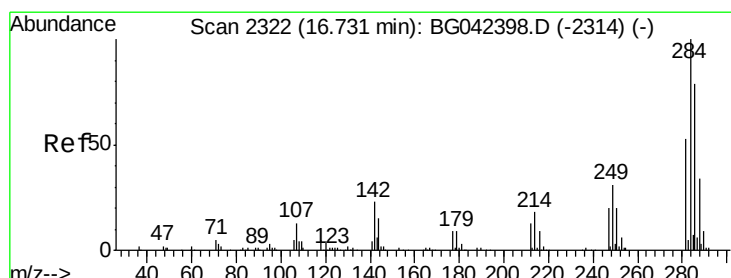
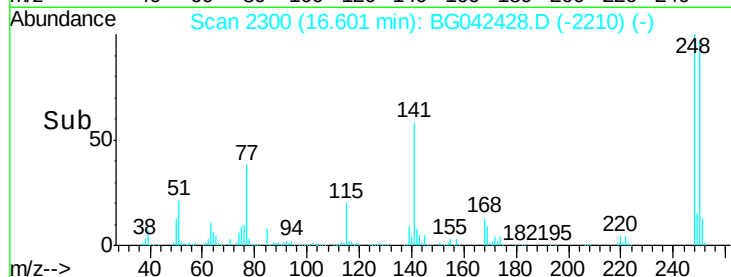
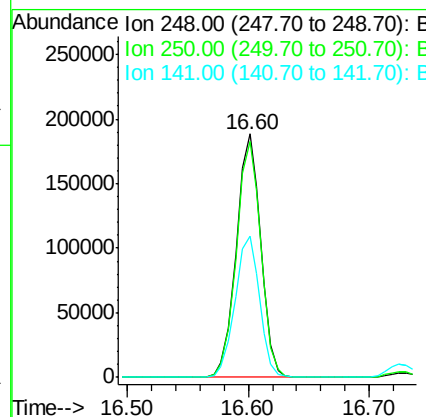
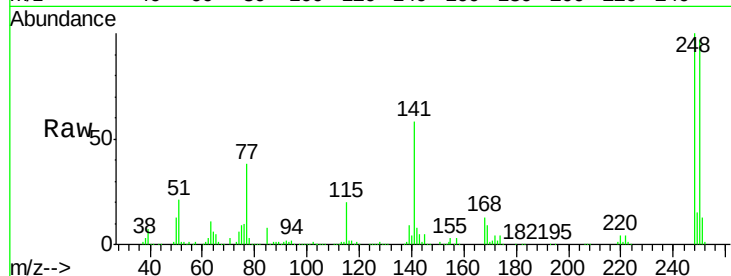
#67
 4-Bromophenyl-phenylether
 Concen: 35.723 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampled :
 PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	265166		
250	97.0		78.9	118.3
141	58.0		43.3	64.9

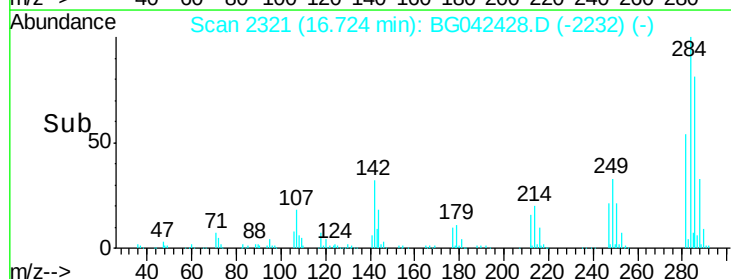
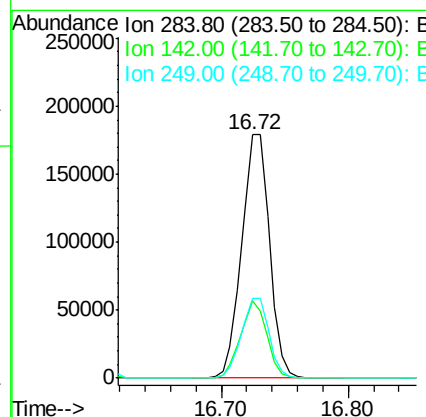
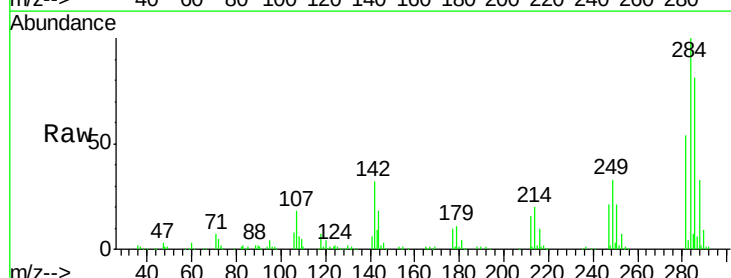
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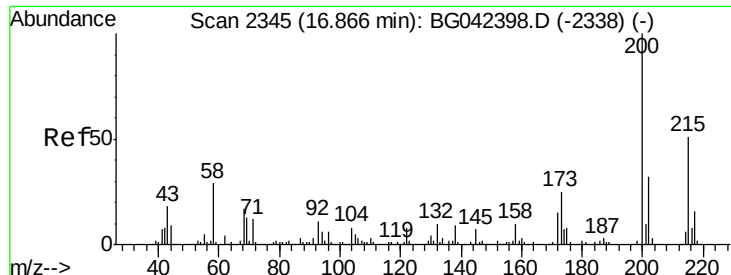
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#68
 Hexachlorobenzene
 Concen: 33.525 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	270526		
142	31.8		18.2	27.4#
249	32.6		25.0	37.4





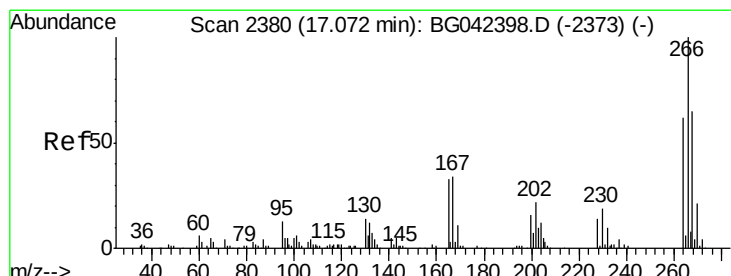
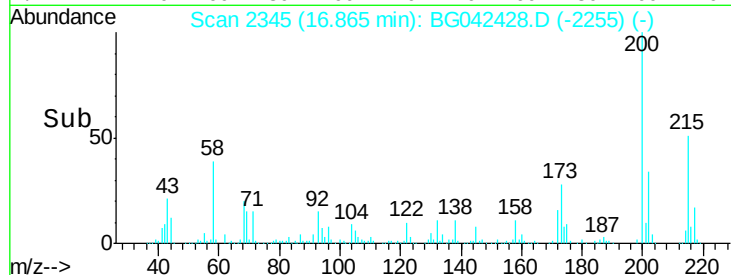
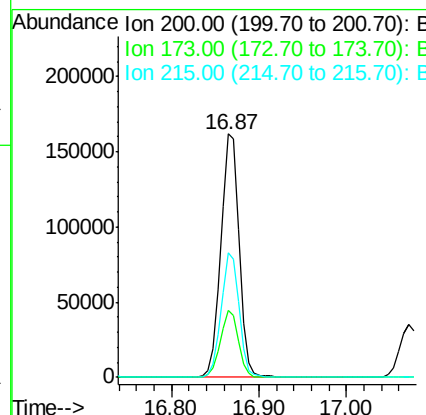
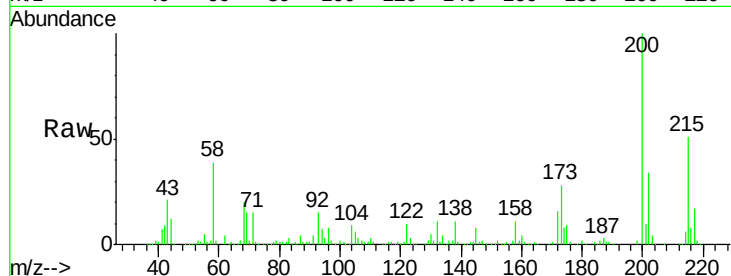
#69
 Atrazine
 Concen: 41.603 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	236771		
173	27.7	4.9	44.9	
215	51.2	30.7	70.7	

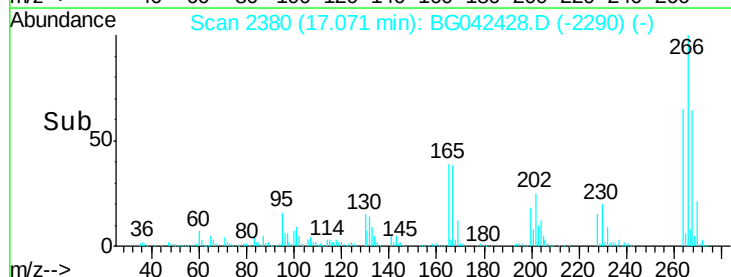
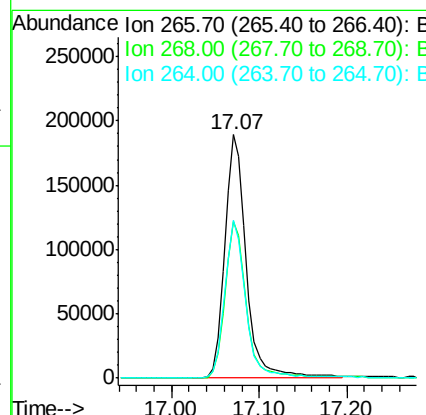
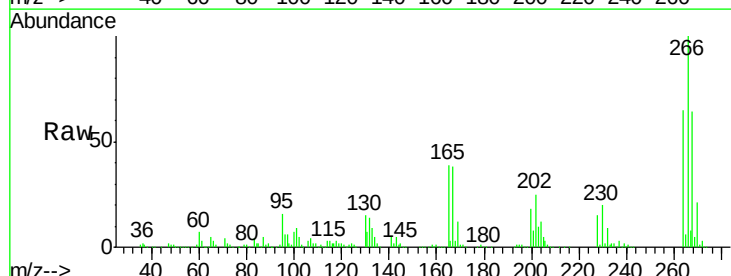
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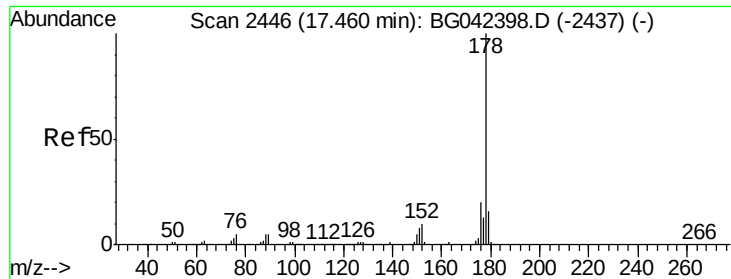
Jagrut
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#70
 Pentachlorophenol
 Concen: 76.750 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	321787		
268	64.2	52.1	78.1	
264	64.7	49.4	74.2	





#71

Phenanthrene

Concen: 40.337 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

ClientSampleId :

PB122218BSD

Tot Ion:178 Resp: 1172505

Ion Ratio Lower Upper

178 100

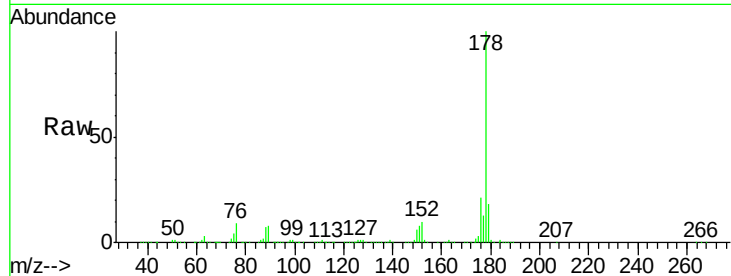
176 20.9 15.9 23.9

179 17.5 12.7 19.1

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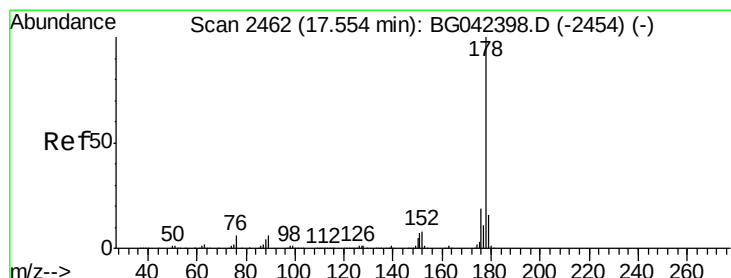
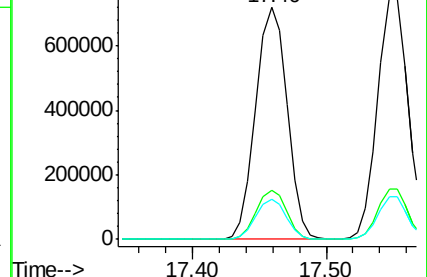
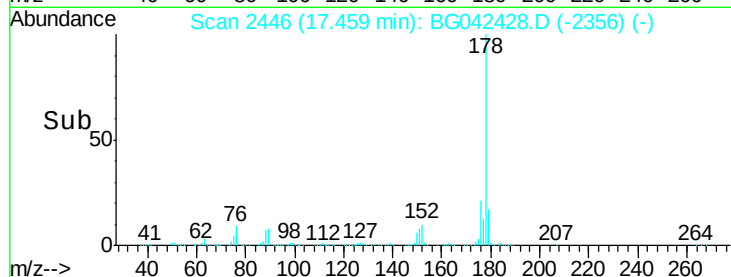
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.226 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

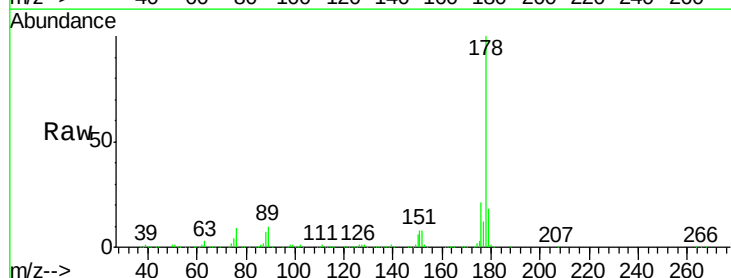
Tgt Ion:178 Resp: 1196314

Ion Ratio Lower Upper

178 100

176 20.9 15.5 23.3

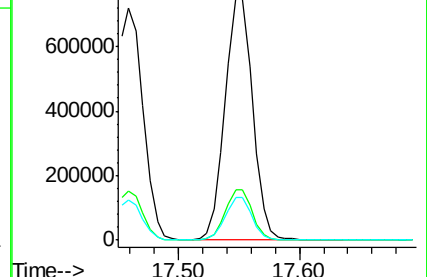
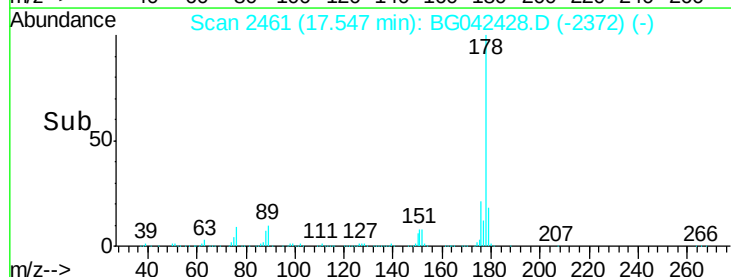
179 17.7 12.9 19.3

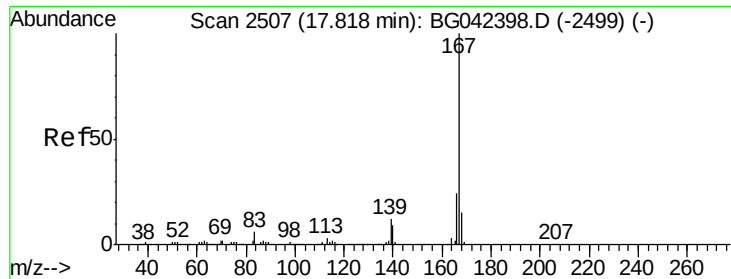


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.523 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

ClientSampleId :

PB122218BSD

Tot Ion:167 Resp: 1125611

Ion Ratio Lower Upper

167 100

166 24.7 18.9 28.3

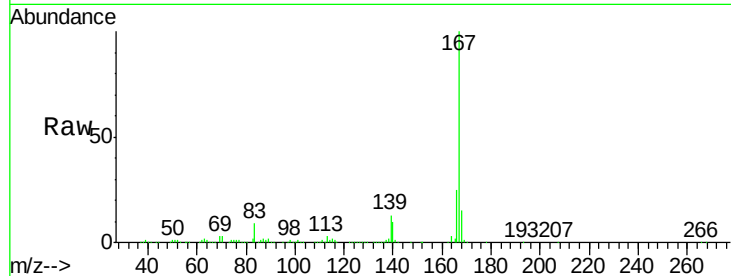
139 12.8 9.8 14.6

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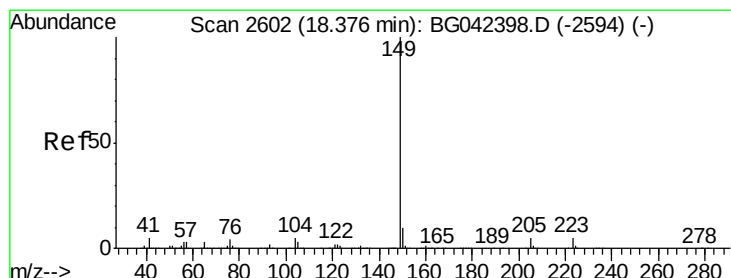
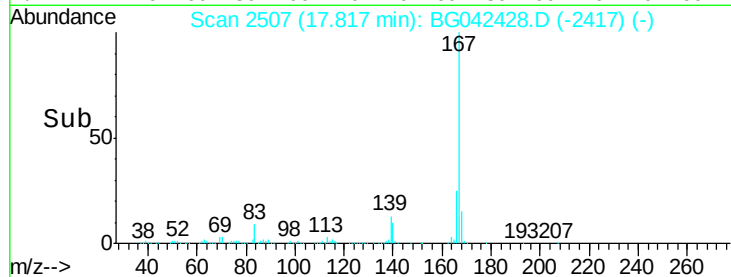
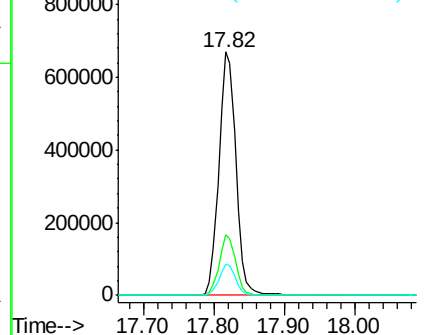
8/26/2019 2:01:36 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.763 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

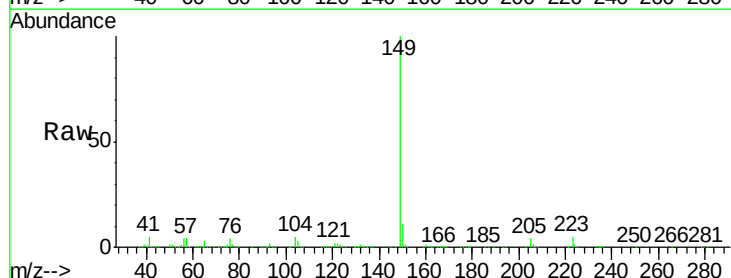
Tgt Ion:149 Resp: 1276775

Ion Ratio Lower Upper

149 100

150 11.0 8.1 12.1

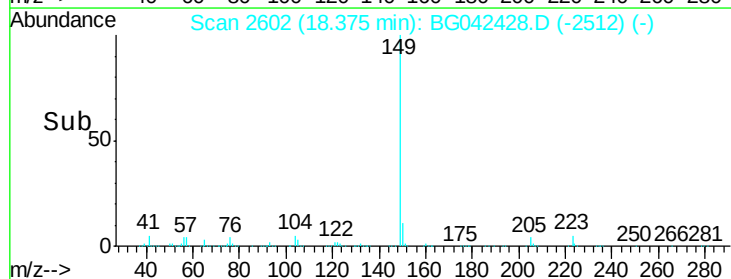
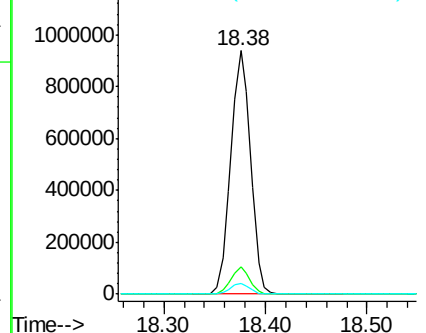
104 4.6 3.7 5.5

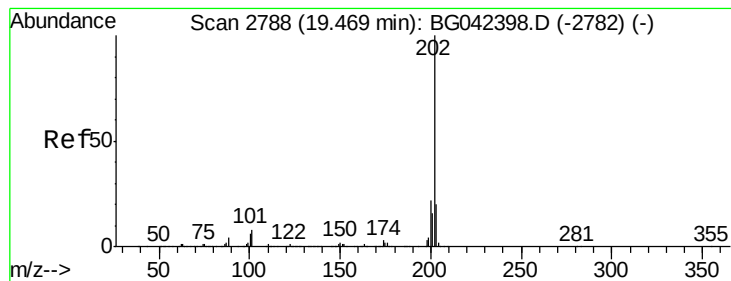


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





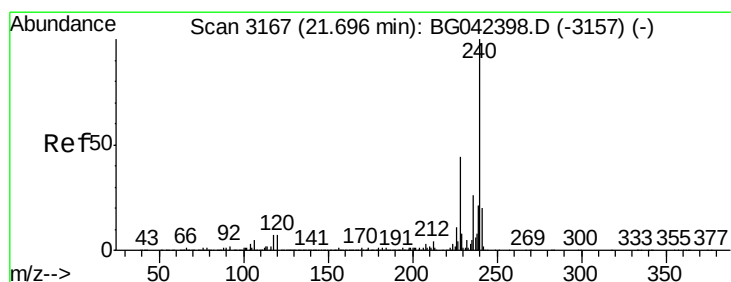
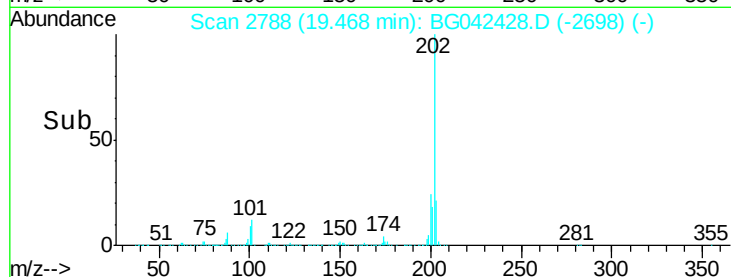
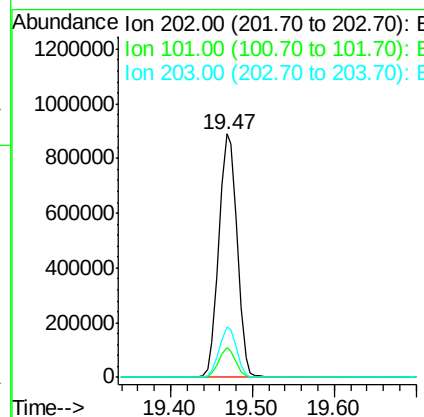
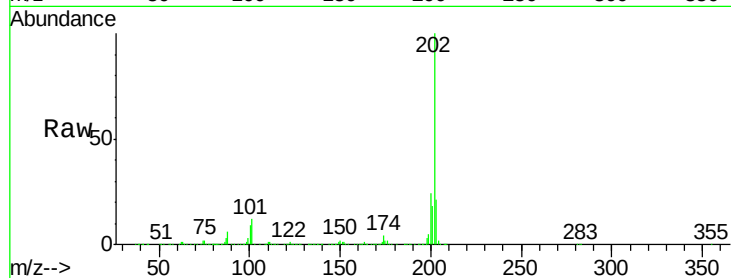
#75
 Fluoranthene
 Concen: 39.122 ng
 RT: 19.47 min Scan# 2788
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	28.3
203	20.6	0.0	39.6

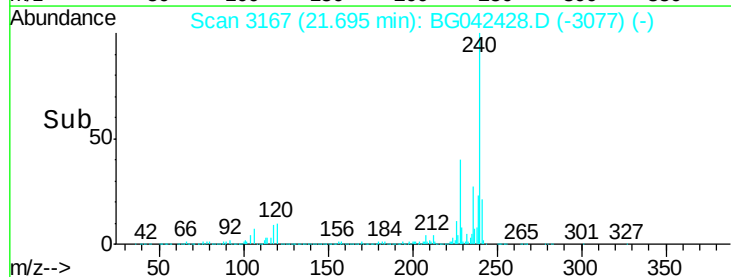
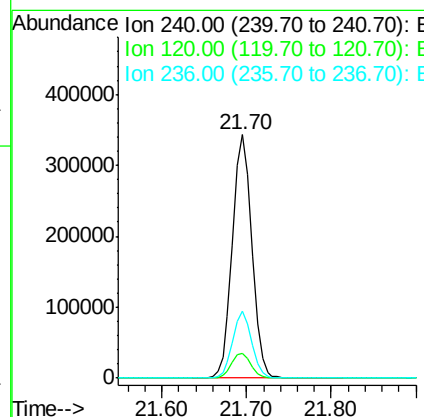
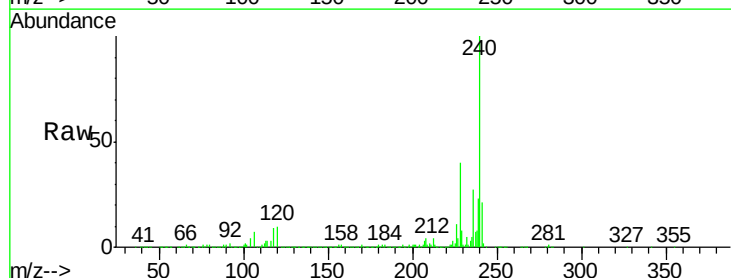
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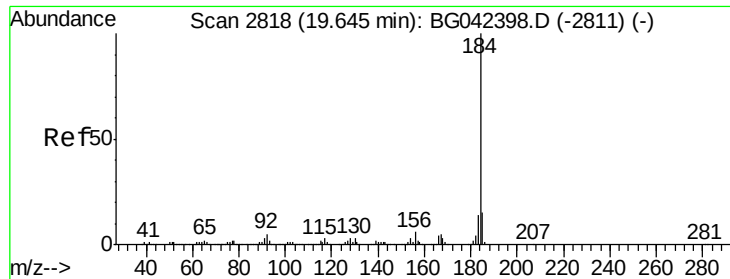
Jagrut
 8/26/2019 2:01:36 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	5.7	8.5#
236	27.5	21.0	31.4





#77

Benzidine

Concen: 59.004 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

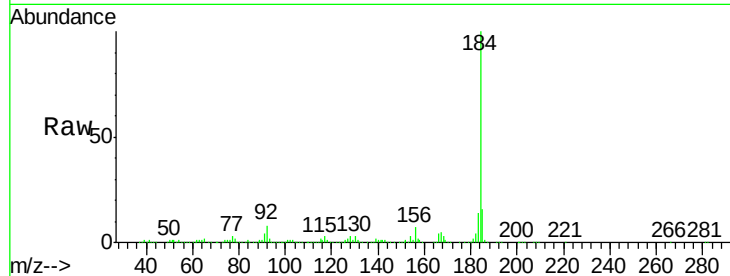
ClientSampleId :

PB122218BSD

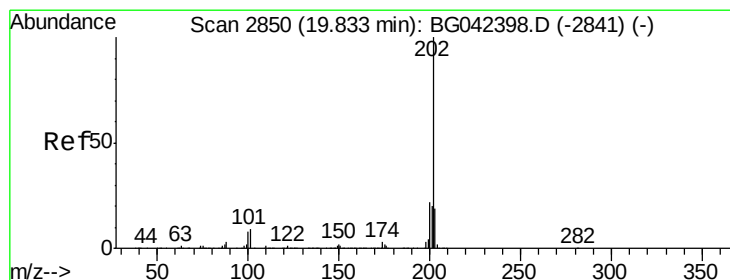
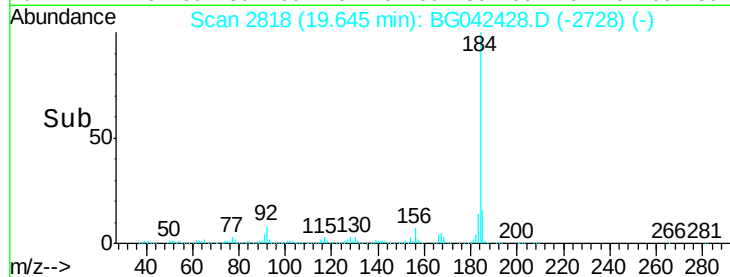
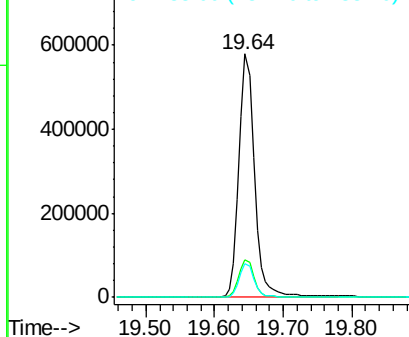
Tot Ion:	184	Resp:	921265
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.4
183	14.0	10.8	16.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.686 ng

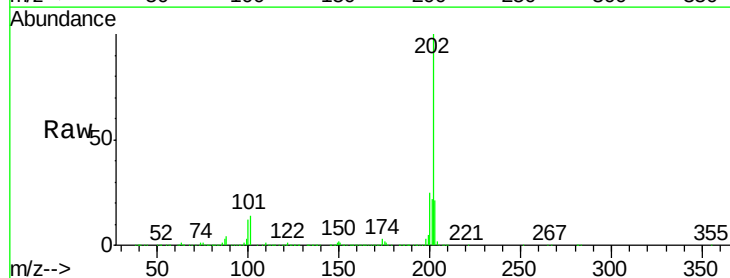
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

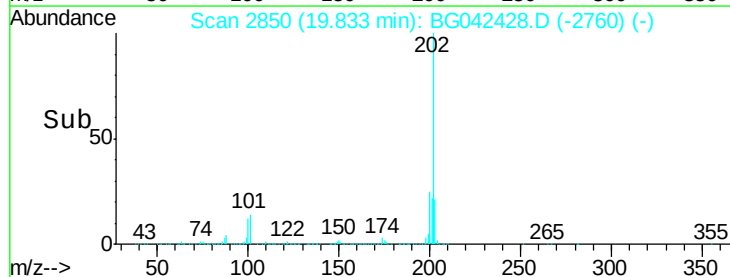
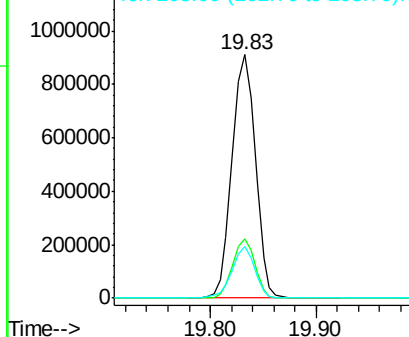
Lab File: BG042428.D

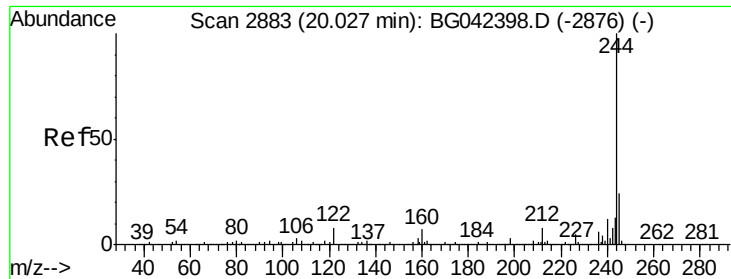
Acq: 23 Aug 2019 11:04

Tgt Ion:	202	Resp:	1391828
Ion Ratio	Lower	Upper	
202	100		
200	24.5	17.8	26.6
203	21.2	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





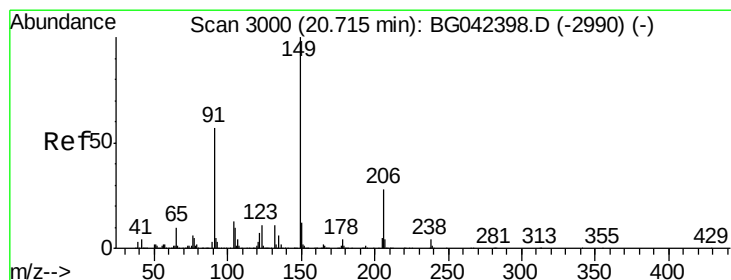
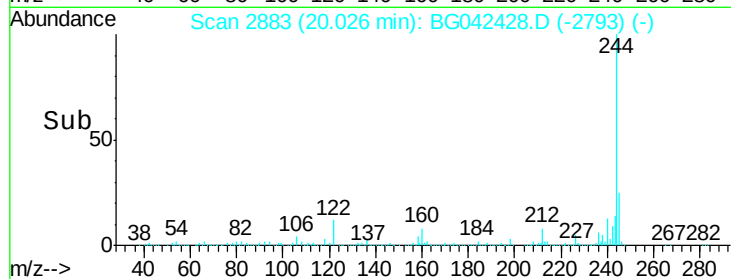
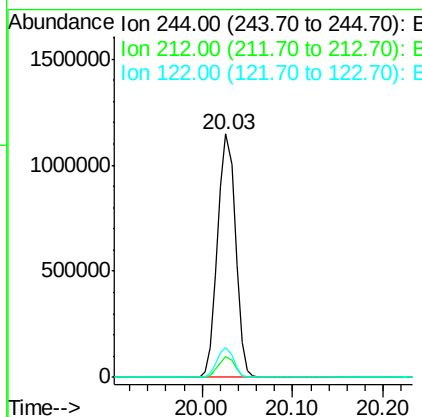
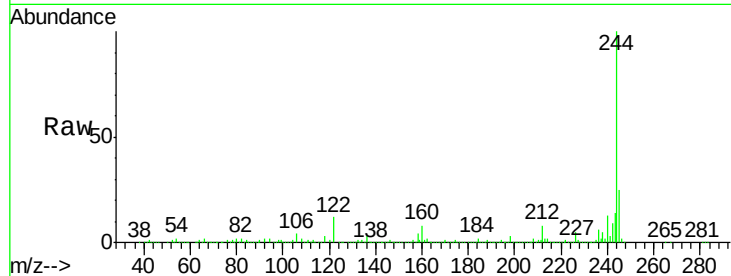
#79
 Terphenyl-d14
 Concen: 62.400 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampled :
 PB122218BSD

Tot Ion:244 Resp: 1571843
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.0 9.0
 122 12.4 6.7 10.1#

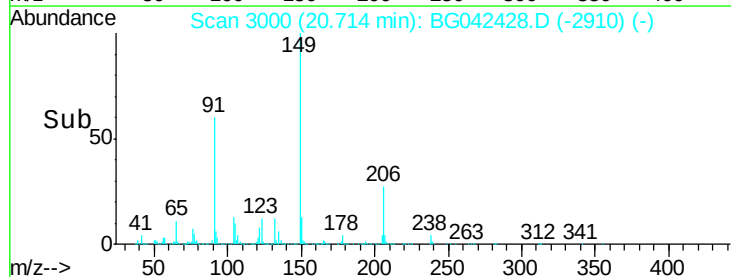
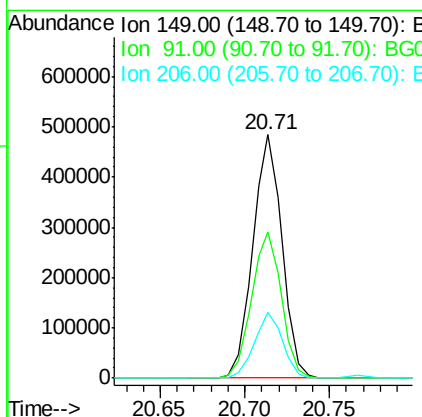
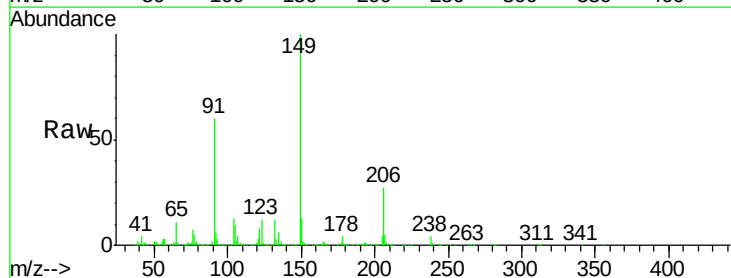
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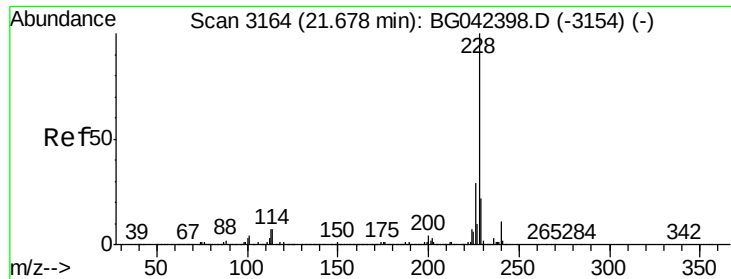
Jagrut
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#80
 Butylbenzylphthalate
 Concen: 44.017 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion:149 Resp: 578046
 Ion Ratio Lower Upper
 149 100
 91 60.3 45.9 68.9
 206 26.7 22.5 33.7





#81

Benzo(a)anthracene

Concen: 39.239 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

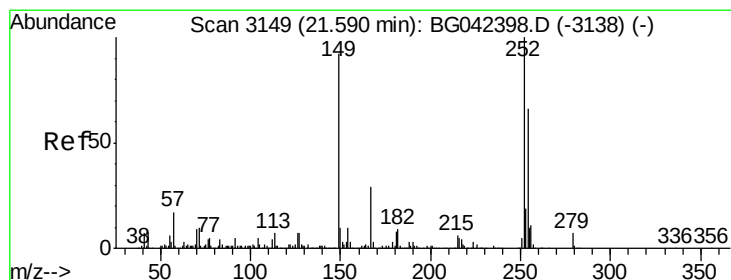
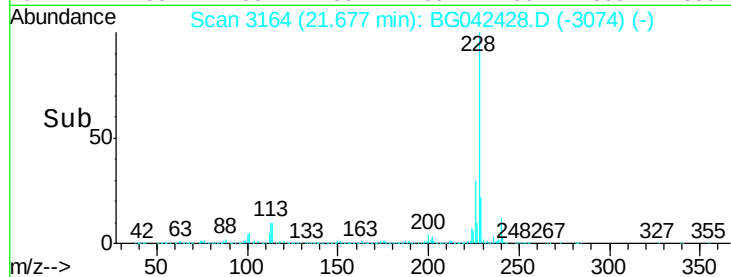
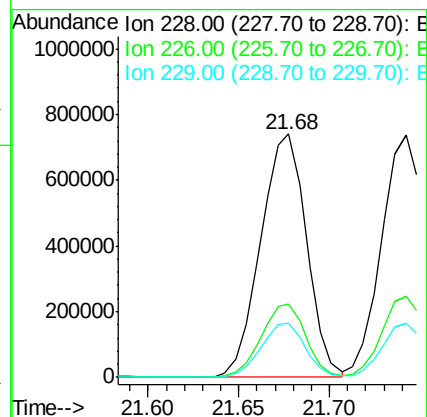
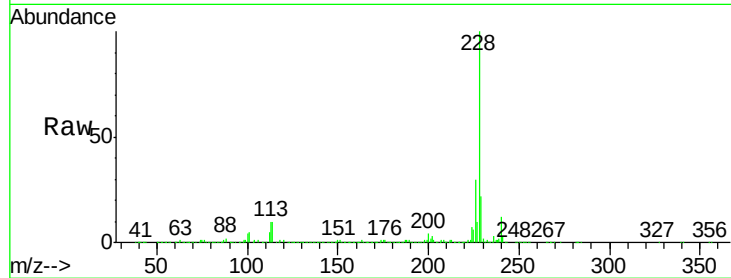
ClientSampleId :

PB122218BSD

Tot Ion:	228	Resp:	1299904
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.3	17.4	26.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 27.426 ng

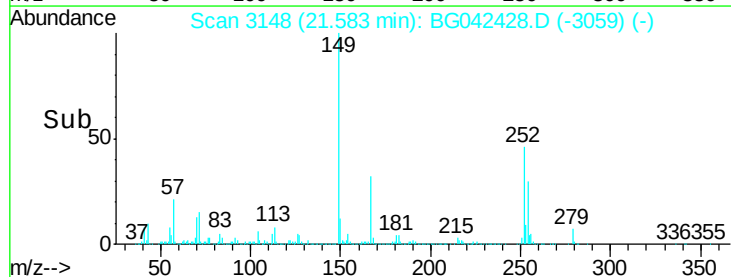
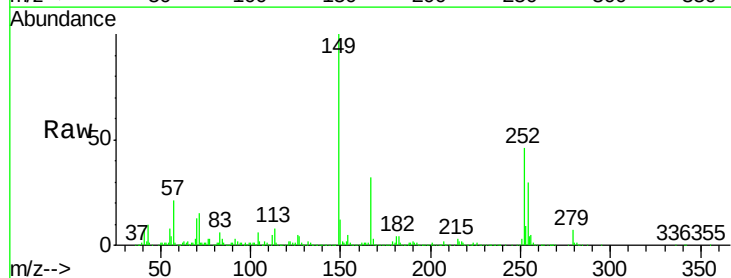
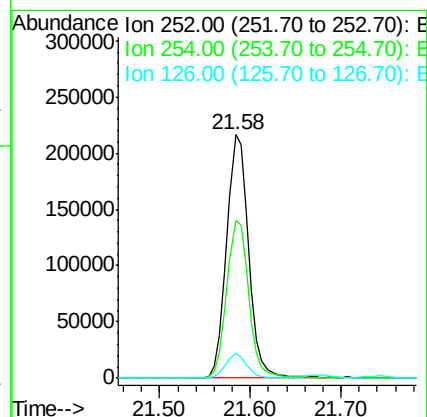
RT: 21.58 min Scan# 3148

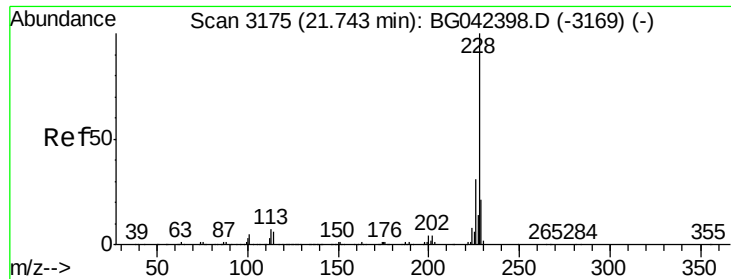
Delta R.T. -0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion:	252	Resp:	365416
Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.4
126	9.9	5.7	8.5#





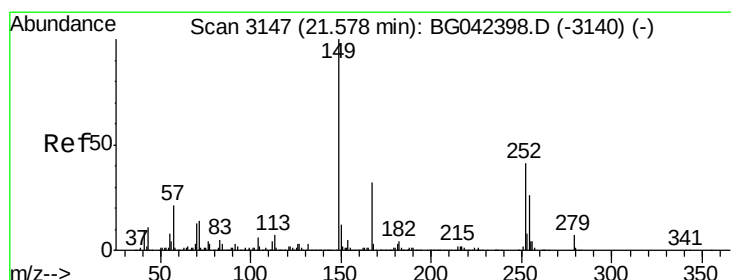
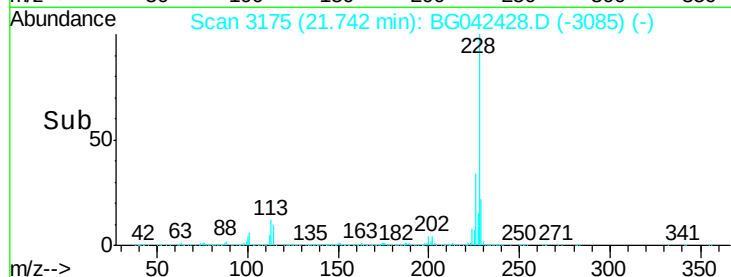
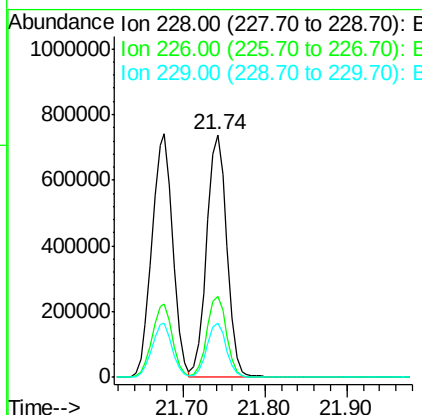
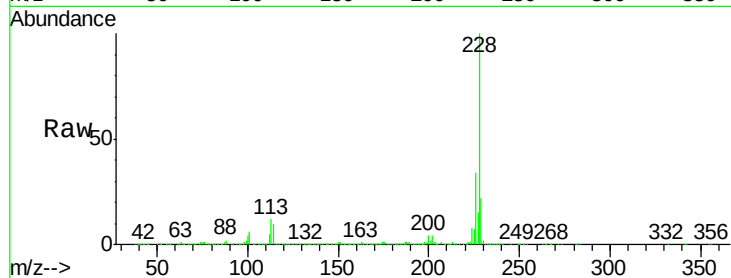
#83
 Chrysene
 Concen: 39.548 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Instrument :
 BNA_G
 ClientSampleId :
 PB122218BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.9	37.3
229	22.5	16.9	25.3

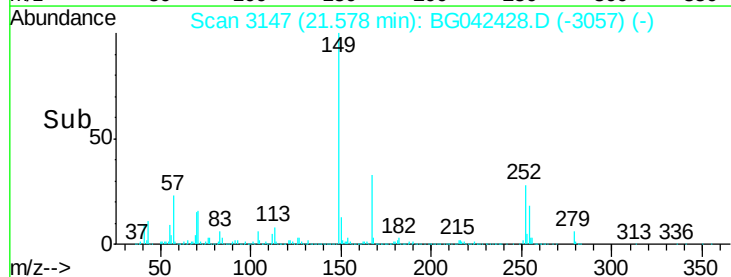
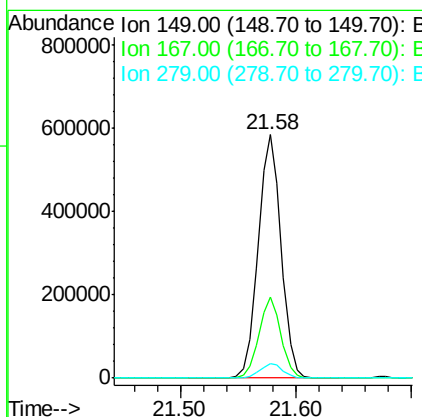
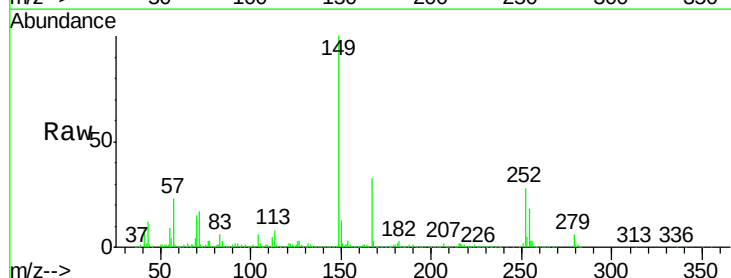
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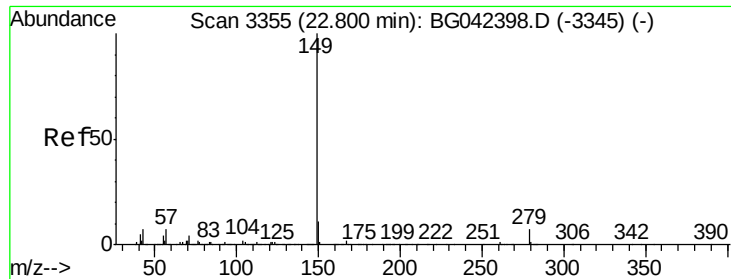
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.107 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042428.D
 Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.3	26.0	39.0
279	6.2	5.4	8.0





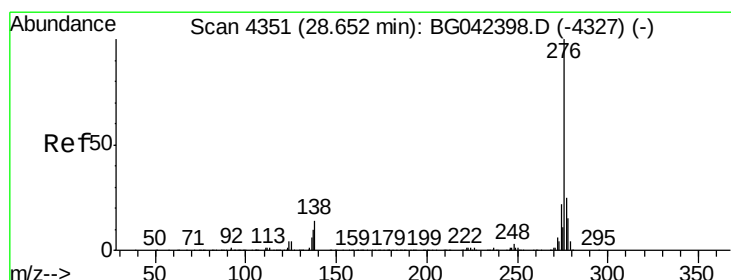
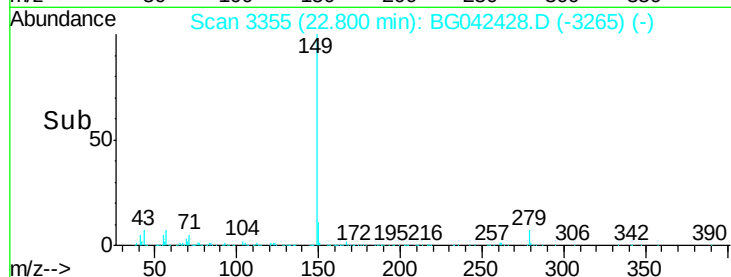
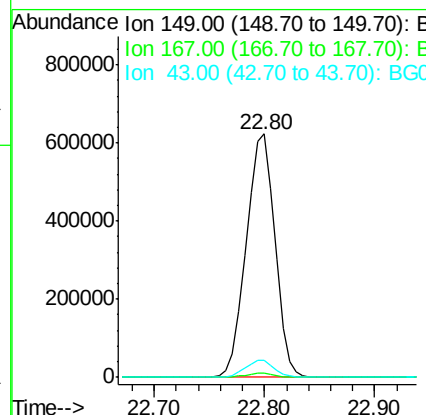
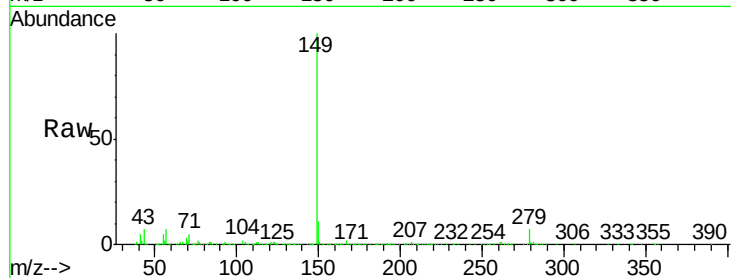
#85
Di-n-octyl phthalate
Concen: 36.366 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.7	5.3	7.9

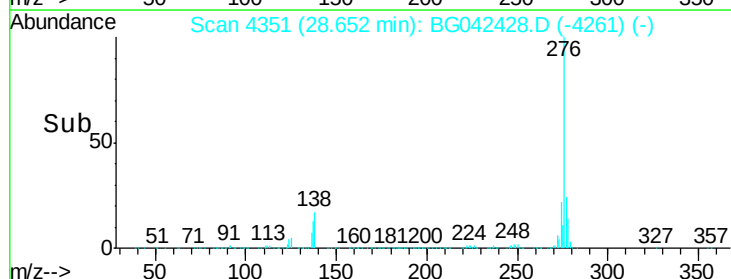
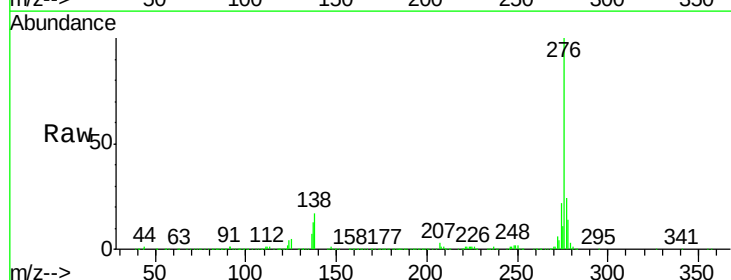
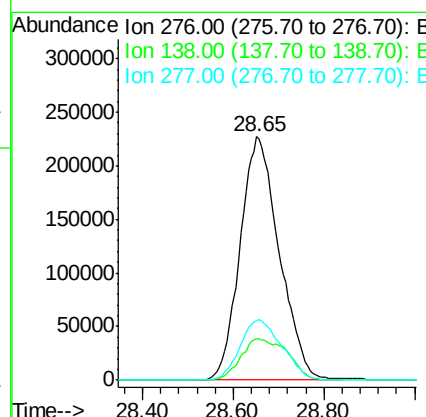
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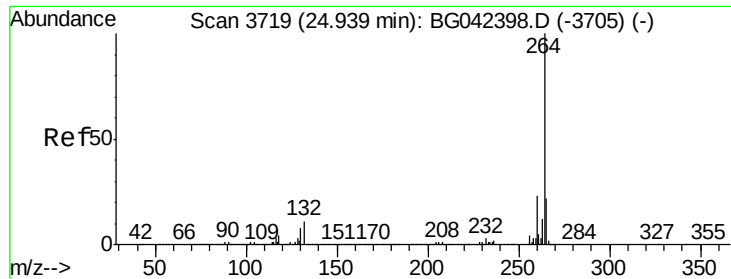
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#86
Indeno(1,2,3-cd)pyrene
Concen: 31.288 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	9.2	13.8#
277	26.4	21.0	31.6





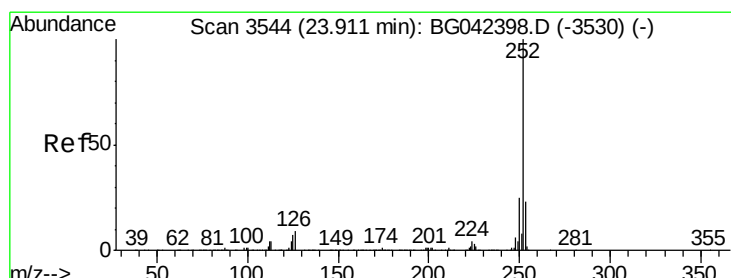
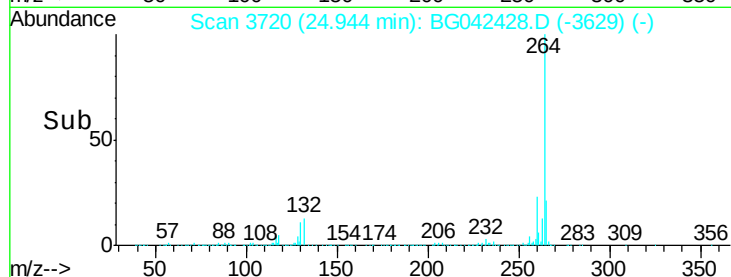
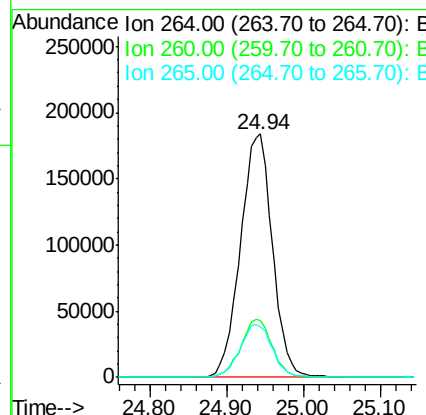
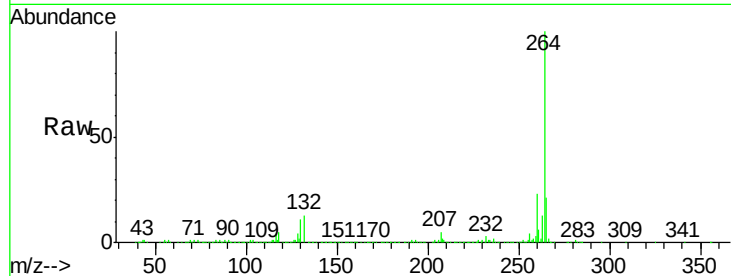
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3720
Delta R.T. 0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	20.8	17.6	26.4

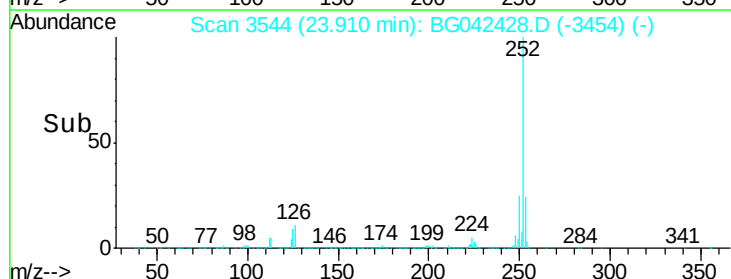
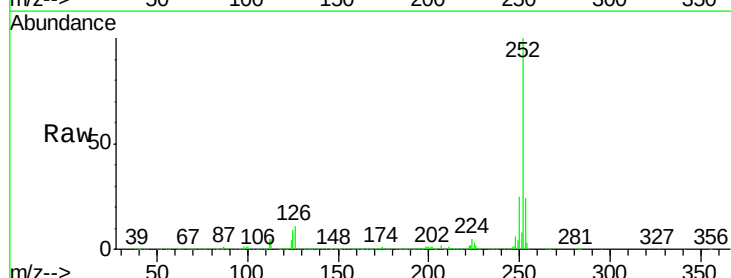
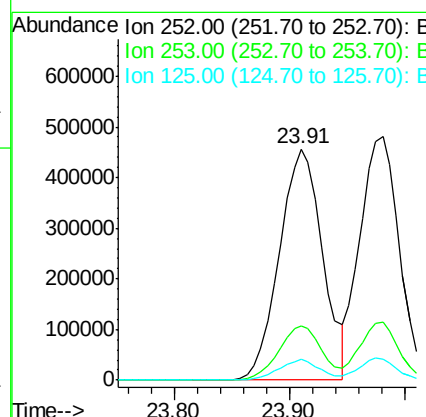
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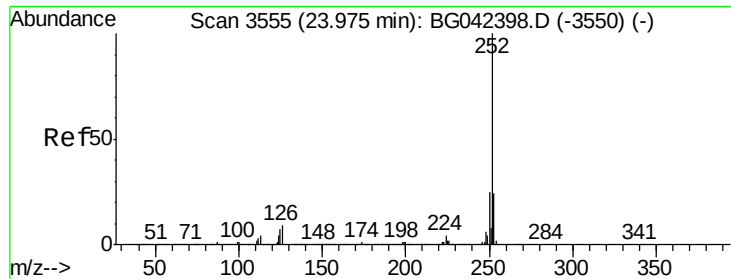
Jagrut
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#88
Benzo(b)fluoranthene
Concen: 40.509 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.6	27.8
125	8.8	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 40.380 ng

RT: 23.98 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Instrument :

BNA_G

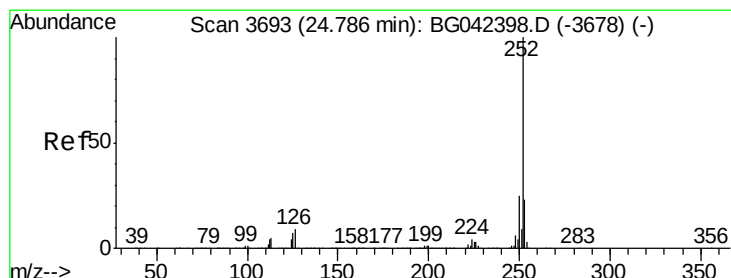
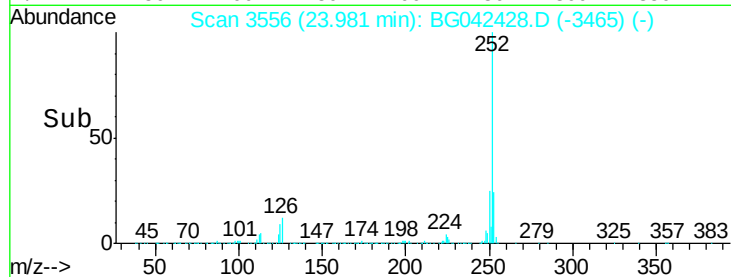
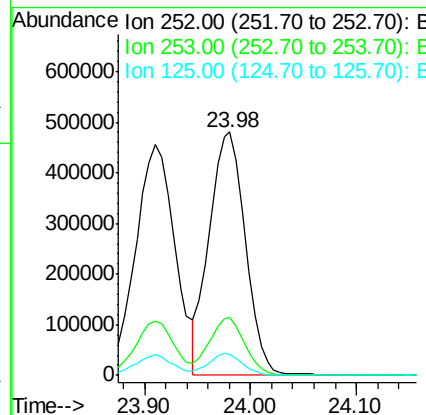
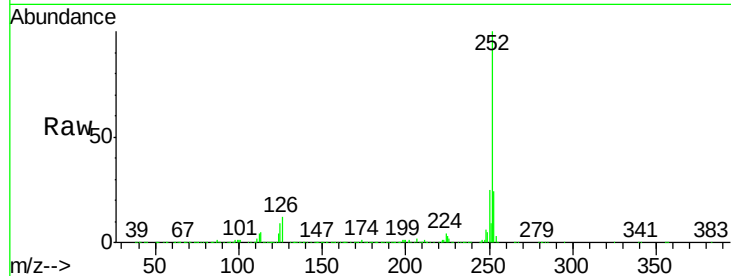
ClientSampleId :

PB122218BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	8.6	5.8	8.6

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#90

Benzo(a)pyrene

Concen: 41.994 ng

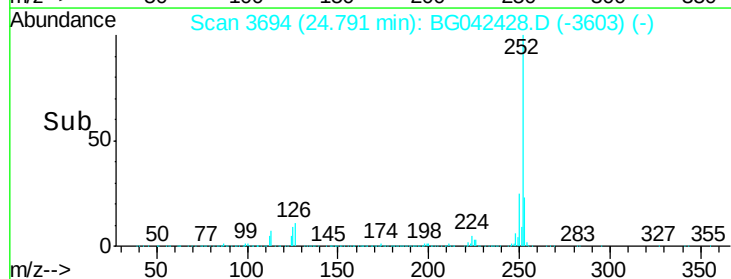
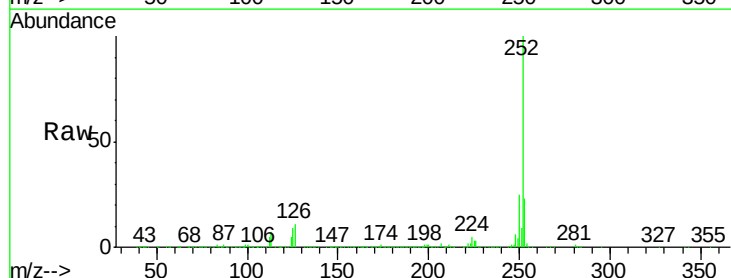
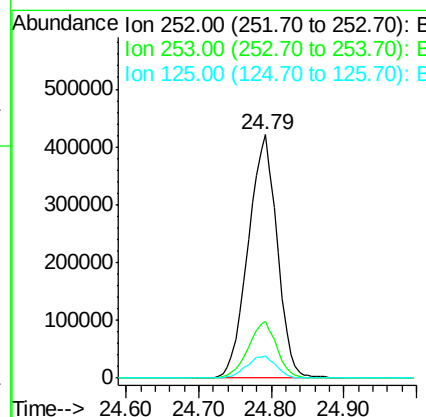
RT: 24.79 min Scan# 3694

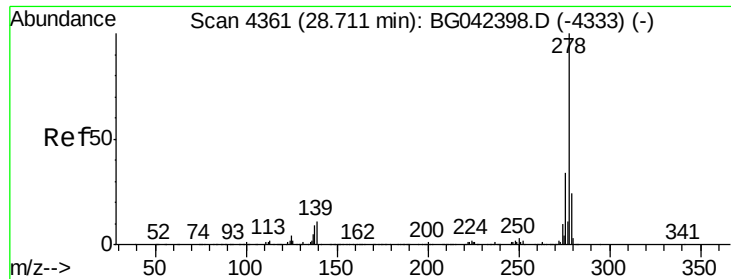
Delta R.T. 0.01 min

Lab File: BG042428.D

Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	9.3	6.0	9.0





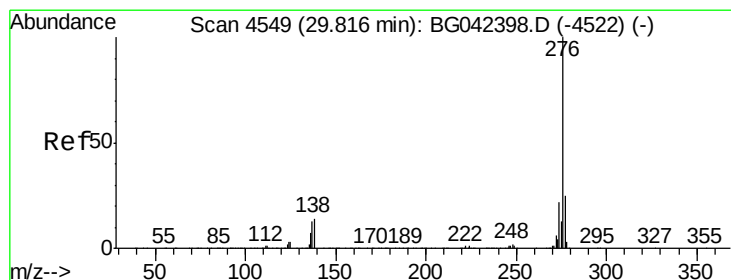
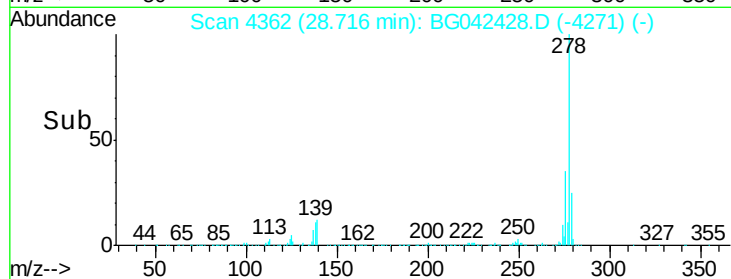
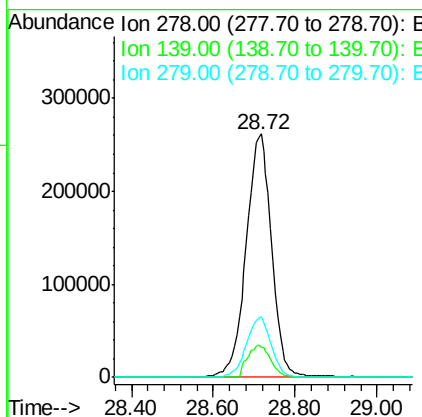
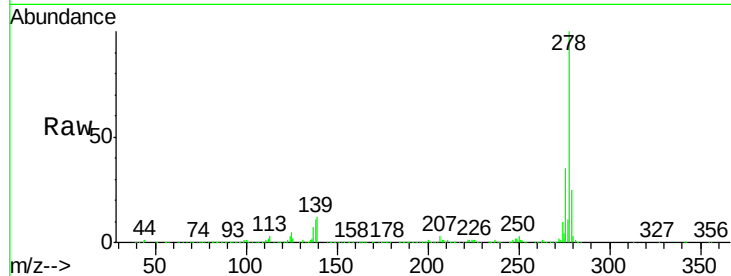
#91
Dibenzo(a,h)anthracene
Concen: 40.007 ng
RT: 28.72 min Scan# 4362
Delta R.T. 0.01 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Instrument :
BNA_G
ClientSampleId :
PB122218BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.1	8.8	13.2
279	24.9	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 40.000 ng
RT: 29.81 min Scan# 4549
Delta R.T. -0.00 min
Lab File: BG042428.D
Acq: 23 Aug 2019 11:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	16.1	11.4	17.0

