

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
 Data File : BG042497.D
 Acq On : 26 Aug 2019 13:07
 Operator : HP/JU
 Sample : PB122444BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:51:34 AM

Quant Time: Aug 27 01:56:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	48506	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	200442	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	139094	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	317549	20.00	ng	0.00
76) Chrysene-d12	21.69	240	346636	20.00	ng	0.00
87) Perylene-d12	24.93	264	377904	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	277275	115.77	ng	0.00
7) Phenol-d6	7.17	99	353166	109.17	ng	0.00
23) Nitrobenzene-d5	9.16	82	181357	62.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186053	94.11	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	538573	65.49	ng	0.00
79) Terphenyl-d14	20.02	244	1002944	62.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	37529	37.548	ng	97
3) Pyridine	3.82	79	80123	31.263	ng	97
4) n-Nitrosodimethylamine	3.73	42	35296	38.559	ng	83
6) Aniline	7.32	93	129395	29.988	ng	99
8) 2-Chlorophenol	7.57	128	123542	42.563	ng	97
9) Benzaldehyde	7.12	77	74361	45.912	ng	92
10) Phenol	7.19	94	140242	42.636	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	103481	40.058	ng	98
12) 1,3-Dichlorobenzene	7.89	146	136643	37.006	ng	99
13) 1,4-Dichlorobenzene	8.04	146	141700	37.886	ng	98
14) 1,2-Dichlorobenzene	8.35	146	132528	37.000	ng	99
15) Benzyl Alcohol	8.24	79	89993	38.665	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	130779	37.351	ng	99
17) 2-Methylphenol	8.45	107	97422	40.212	ng	96
18) Hexachloroethane	9.09	117	46809	36.557	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	75843	36.187	ng	98
20) 3+4-Methylphenols	8.78	107	133375	39.784	ng	98
22) Acetophenone	8.82	105	167020	38.959	ng	99
24) Nitrobenzene	9.21	77	113825	38.752	ng	97
25) Isophorone	9.73	82	211750	36.991	ng	99
26) 2-Nitrophenol	9.93	139	72565	39.423	ng	98
27) 2,4-Dimethylphenol	9.99	122	112342	44.307	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	136218	37.755	ng	98
29) 2,4-Dichlorophenol	10.47	162	130996	39.488	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	147511	36.227	ng	98
31) Naphthalene	10.87	128	359046	38.582	ng	100
32) Benzoic acid	10.13	122	55528	33.209	ng	97
33) 4-Chloroaniline	10.98	127	98052	22.824	ng	97
34) Hexachlorobutadiene	11.16	225	95408	34.864	ng	100
35) Caprolactam	11.75	113	39553m	35.732	ng	
36) 4-Chloro-3-methylphenol	12.11	107	120594	38.294	ng	97
37) 2-Methylnaphthalene	12.48	142	282010	37.741	ng	99
38) 1-Methylnaphthalene	12.70	142	263876	37.178	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	176721	39.563	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	189233	80.650	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	113911	37.728	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	124244	39.710	nq	97
46) 1,1'-Biphenyl	13.49	154	364397	40.528	nq	99
47) 2-Chloronaphthalene	13.53	162	296743	38.276	nq	99
48) 2-Nitroaniline	13.73	65	68520	36.651	nq	99
49) Acenaphthylene	14.38	152	468885	40.200	nq	100
50) Dimethylphthalate	14.11	163	371300	36.996	nq	100
51) 2,6-Dinitrotoluene	14.23	165	90268	38.803	nq	98
52) Acenaphthene	14.72	154	273190	38.573	nq	99
53) 3-Nitroaniline	14.56	138	62329	26.791	nq	99
54) 2,4-Dinitrophenol	14.77	184	97310	63.459	nq	95
55) Dibenzofuran	15.06	168	461149	39.336	nq	100
56) 4-Nitrophenol	14.89	139	132686	80.262	nq	96
57) 2,4-Dinitrotoluene	15.02	165	126019	37.830	nq	96
58) Fluorene	15.71	166	367754	38.375	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	118443m	38.280	nq	
60) Diethylphthalate	15.47	149	361007	36.797	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	212461	36.778	nq	99
62) 4-Nitroaniline	15.73	138	89564	35.970	nq	99
63) Azobenzene	15.99	77	266040	39.574	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	78909	39.635	nq	98
66) n-Nitrosodiphenylamine	15.91	169	341097	39.059	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	145792	36.196	nq	98
68) Hexachlorobenzene	16.73	284	150152	34.292	nq	97
69) Atrazine	16.86	200	125079	40.502	nq	99
70) Pentachlorophenol	17.07	266	175999	77.360	nq	98
71) Phenanthrene	17.45	178	619691	39.288	nq	99
72) Anthracene	17.55	178	630126	40.017	nq	99
73) Carbazole	17.81	167	567852	40.463	nq	99
74) Di-n-butylphthalate	18.37	149	665007	40.087	nq	100
75) Fluoranthene	19.47	202	808953	42.023	nq	99
77) Benzidine	19.65	184	352972	35.517	nq	99
78) Pyrene	19.83	202	820974	38.630	nq	99
80) Butylbenzylphthalate	20.71	149	323272	38.674	nq	97
81) Benzo(a)anthracene	21.67	228	824521	39.102	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	281488	33.192	nq	98
83) Chrysene	21.74	228	799473	39.313	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	463841	39.966	nq	99
85) Di-n-octyl phthalate	22.79	149	812824	40.720	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1049901	37.990	nq	# 94
88) Benzo(b)fluoranthene	23.90	252	909298	43.767	nq	99
89) Benzo(k)fluoranthene	23.97	252	880424	44.087	nq	99
90) Benzo(a)pyrene	24.78	252	886950	44.990	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	868836	43.527	nq	97
92) Benzo(g,h,i)perylene	29.79	276	874795	43.819	nq	98

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



#1

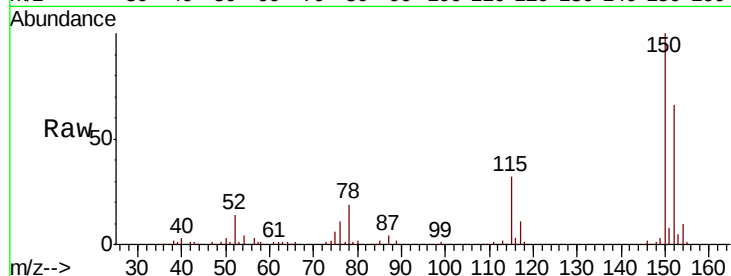
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	125.4	188.0
115	48.7	38.5	57.7

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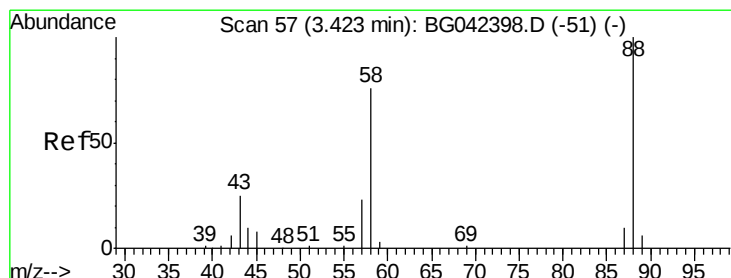
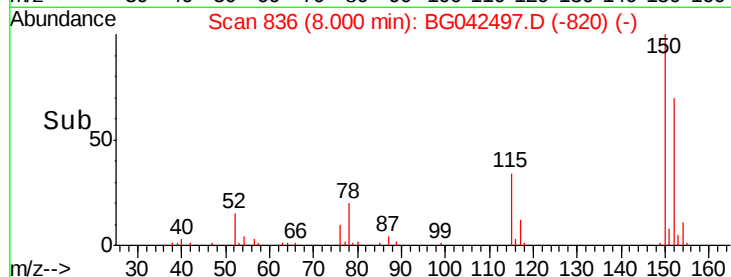
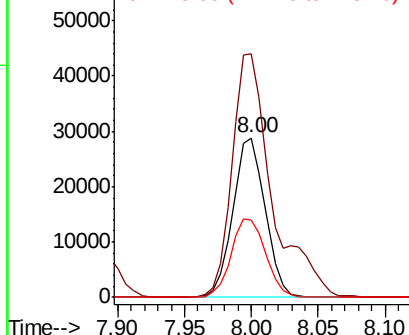


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

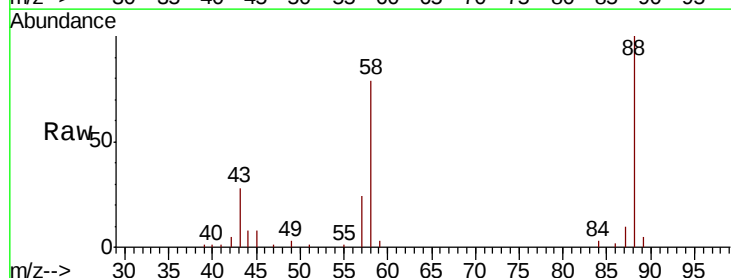
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.548 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	58.3	87.5
43	23.3	20.2	30.2

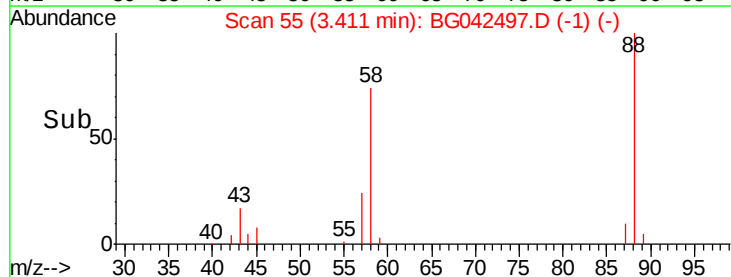
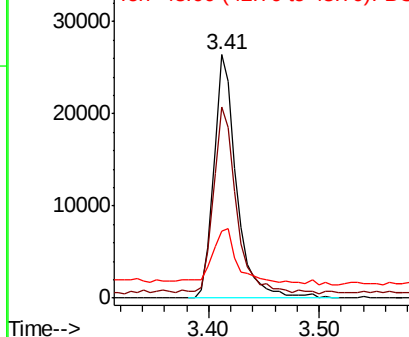


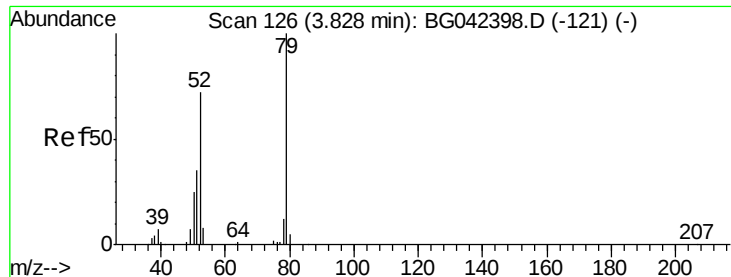
Abundance

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: 31.263 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

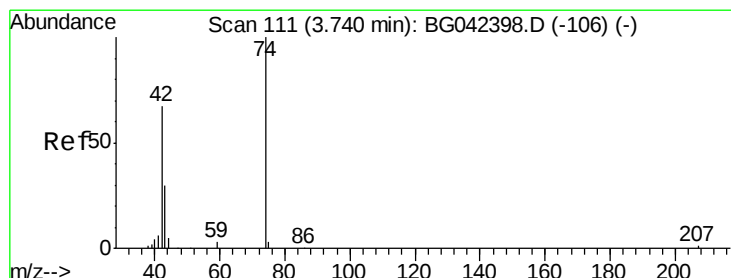
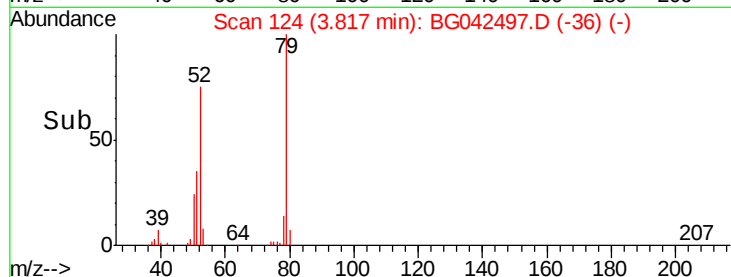
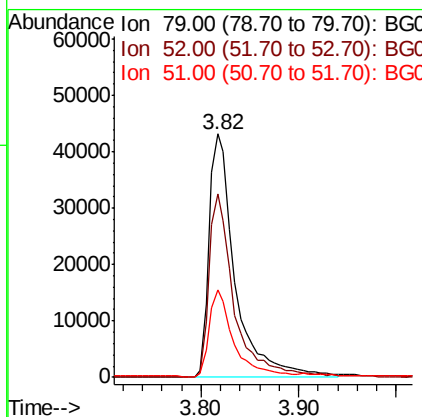
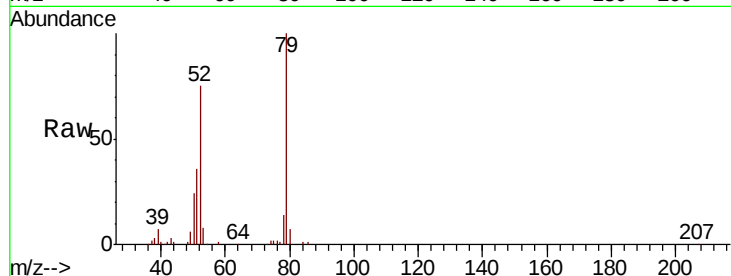
ClientSampleId :

PB122444BS

Tot Ion:	79	Resp:	80123
Ion	Ratio	Lower	Upper
79	100		
52	75.2	57.7	86.5
51	35.8	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 38.559 ng

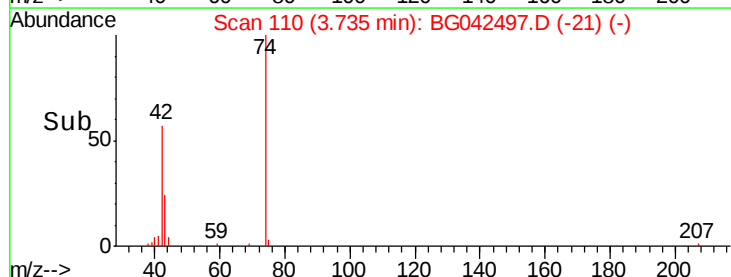
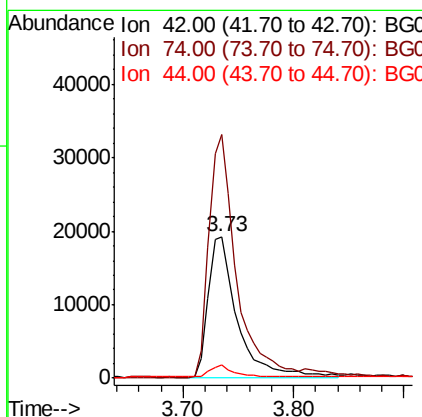
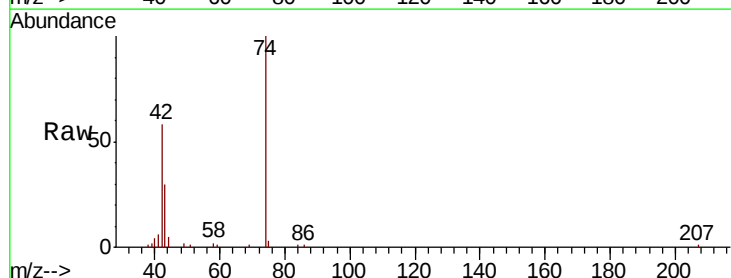
RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	42	Resp:	35296
Ion	Ratio	Lower	Upper
42	100		
74	172.1	119.6	179.4
44	9.1	6.5	9.7





#5

2-Fluorophenol

Concen: 115.772 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

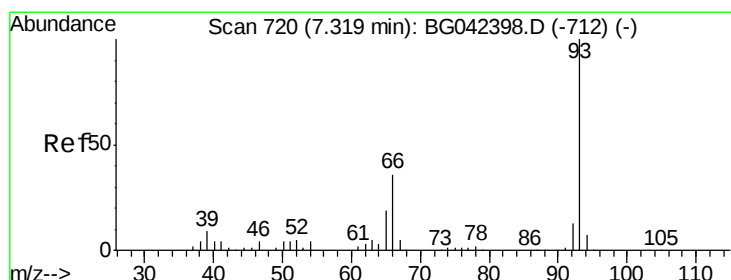
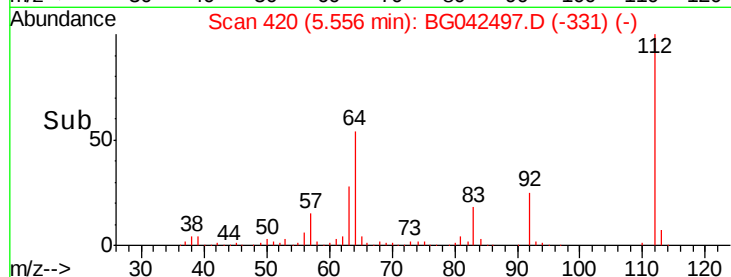
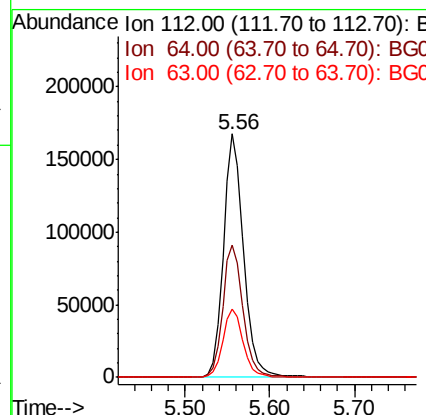
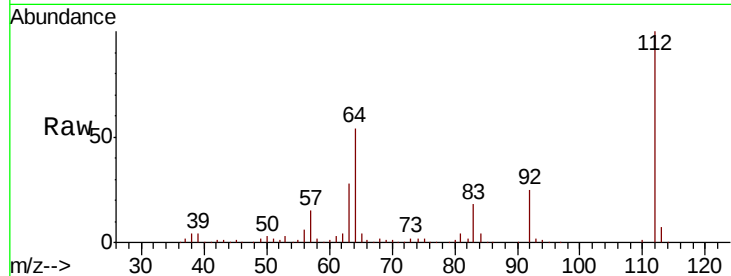
ClientSampleId :

PB122444BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.5	42.8	64.2
63	28.1	22.7	34.1

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#6

Aniline

Concen: 29.988 ng

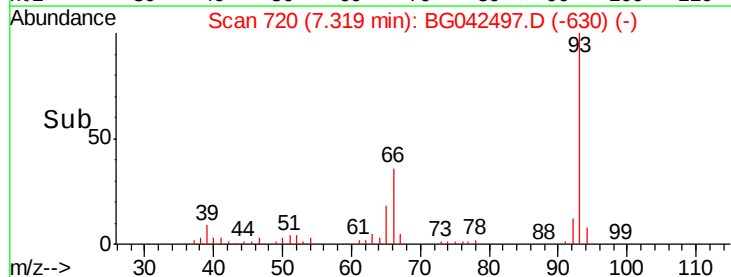
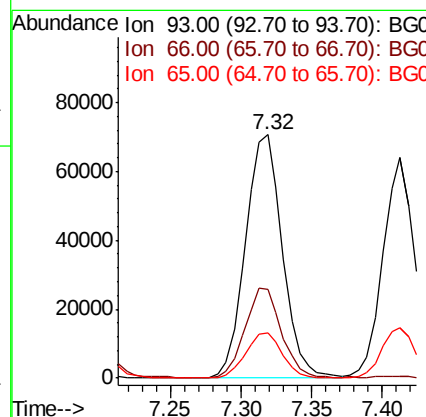
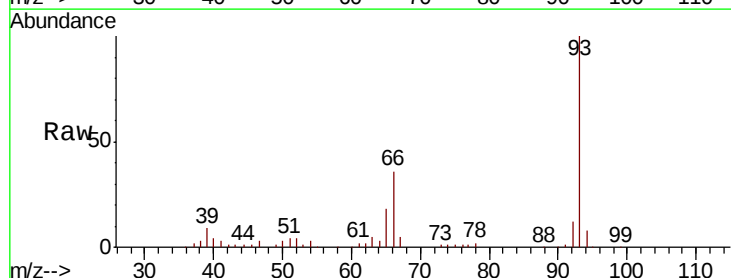
RT: 7.32 min Scan# 720

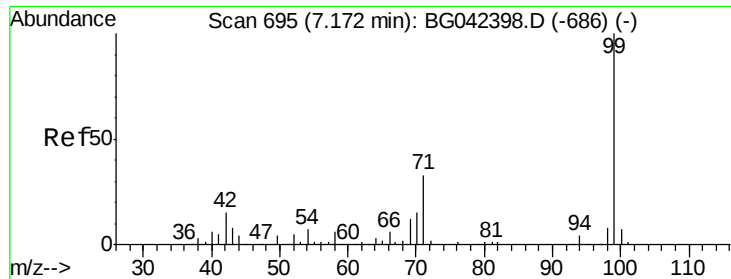
Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	36.4	29.0	43.6
65	18.3	15.2	22.8





#7

Phenol-d6

Concen: 109.166 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

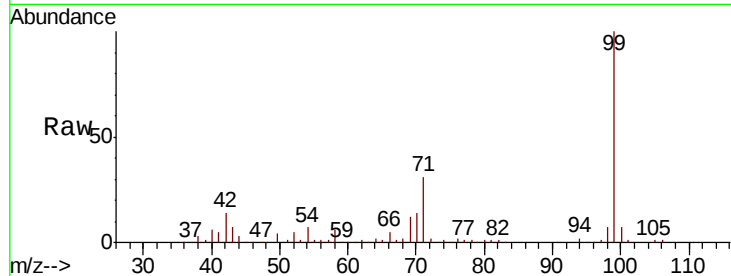
ClientSampled :

PB122444BS

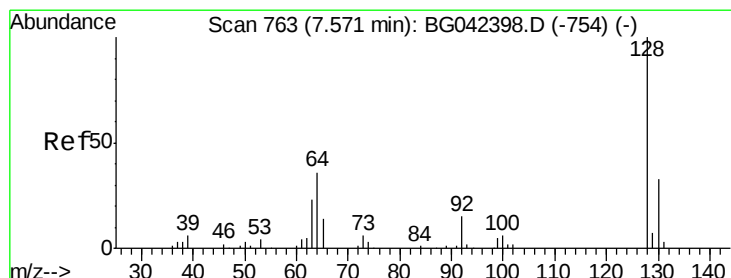
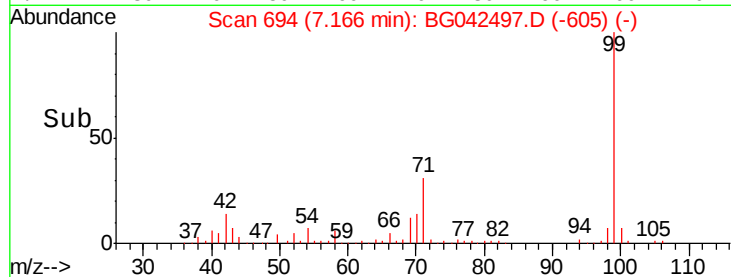
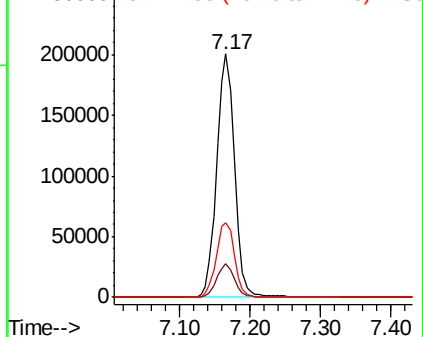
Tot Ion:	99	Resp:	353166
Ion Ratio	Lower	Upper	
99	100		
42	13.6	12.0	18.0
71	30.9	26.3	39.5

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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: 42.563 ng

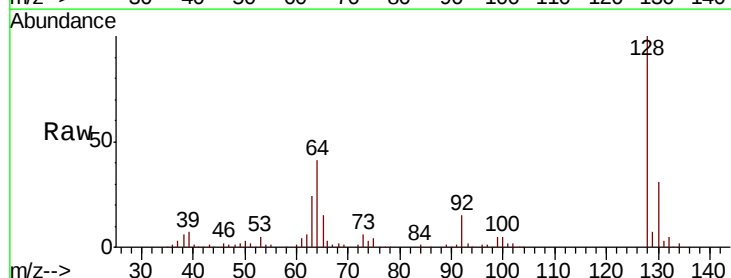
RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

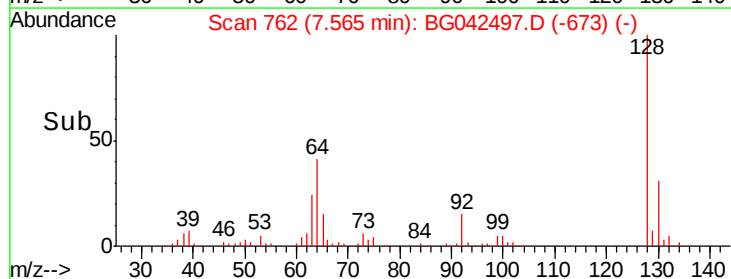
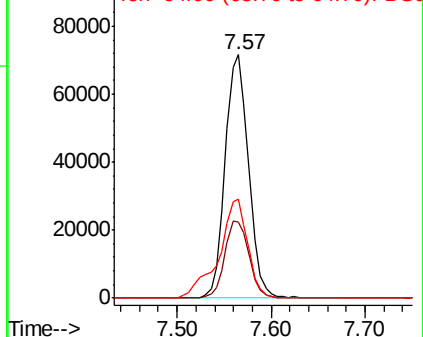
Lab File: BG042497.D

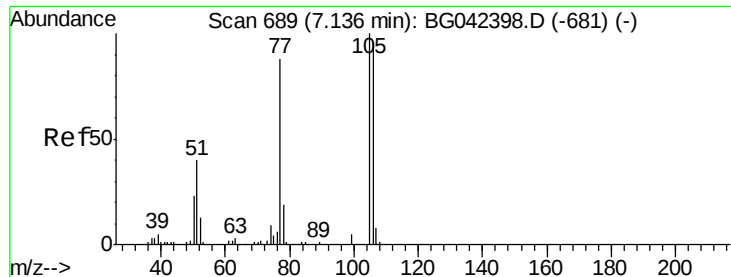
Acq: 26 Aug 2019 13:07

Tgt Ion:	128	Resp:	123542
Ion Ratio	Lower	Upper	
128	100		
130	31.2	12.8	52.8
64	40.9	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: 45.912 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

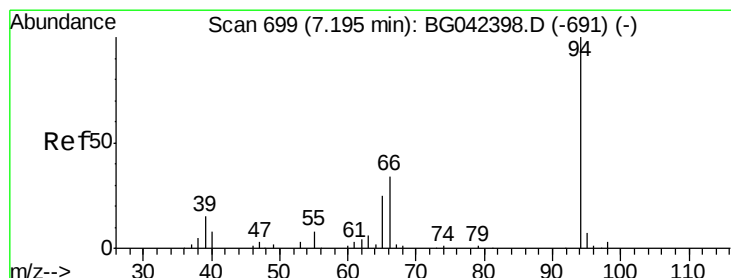
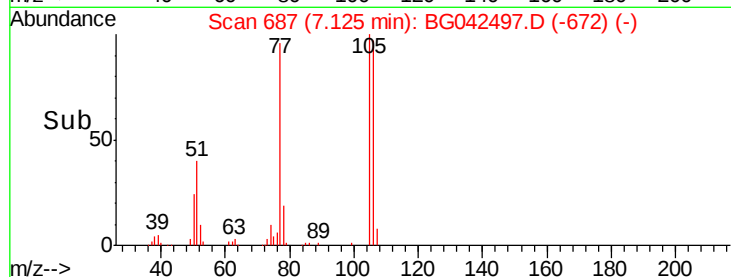
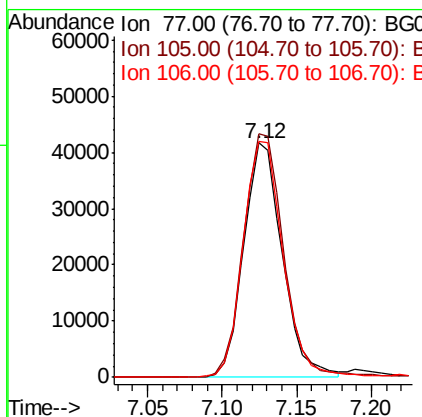
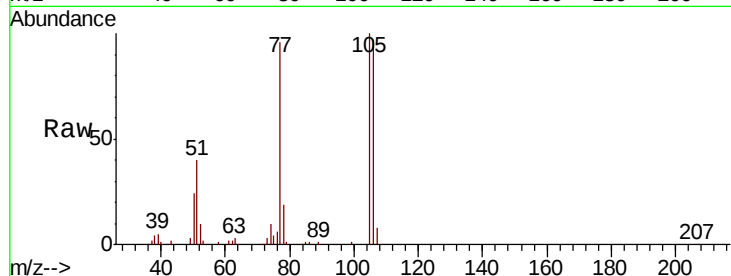
ClientSampleId :

PB122444BS

Tot Ion:	77	Resp:	74361
Ion	Ratio	Lower	Upper
77	100		
105	103.9	93.4	133.4
106	100.9	88.4	128.4

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#10

Phenol

Concen: 42.636 ng

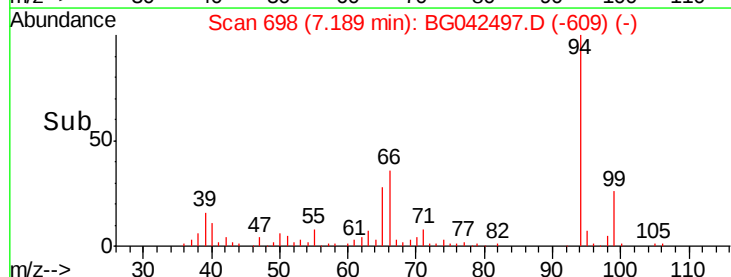
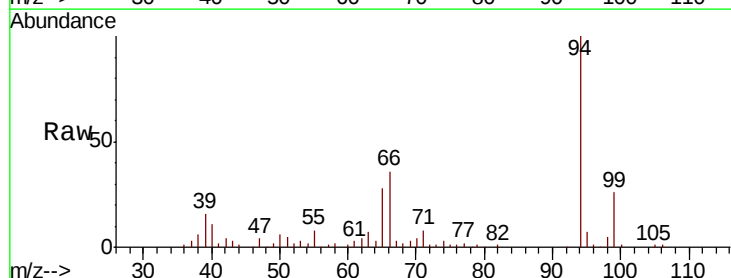
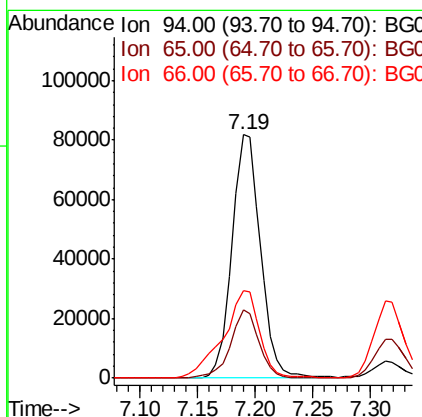
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	94	Resp:	140242
Ion	Ratio	Lower	Upper
94	100		
65	28.0	5.6	45.6
66	36.2	16.0	56.0





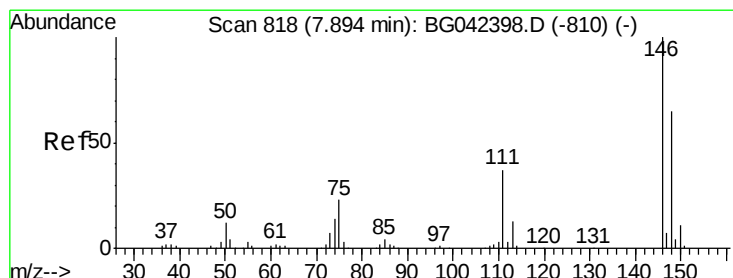
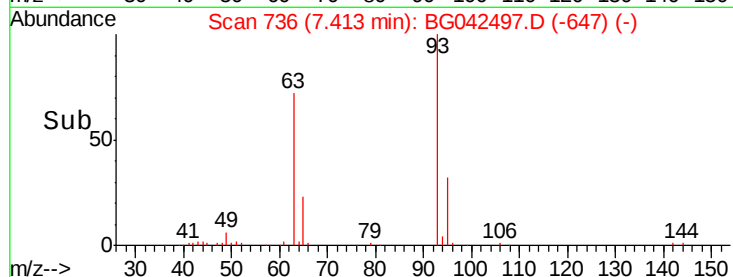
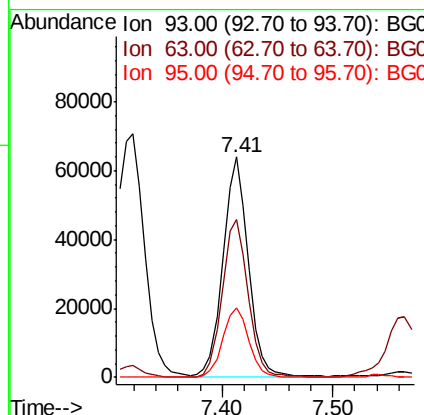
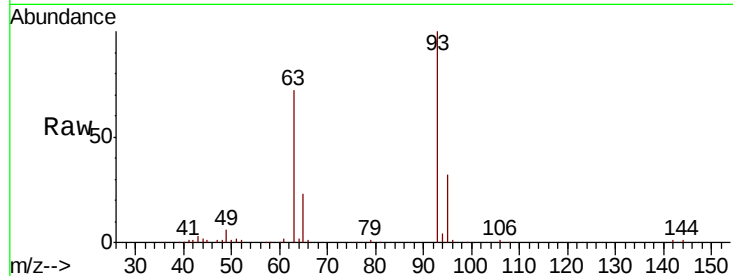
#11
bis(2-Chloroethyl)ether
Concen: 40.058 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	53.8	93.8
95	31.8	13.1	53.1

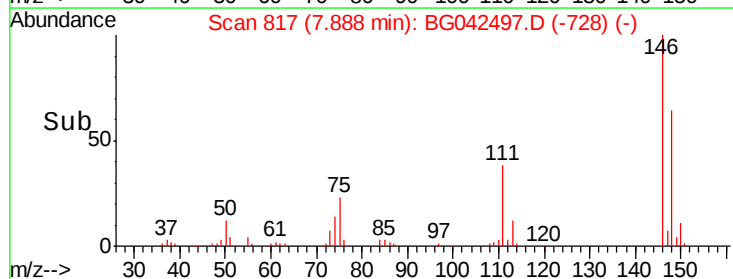
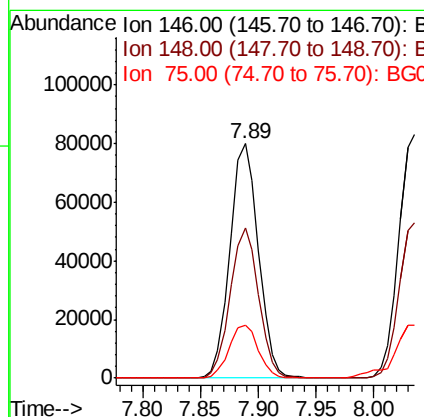
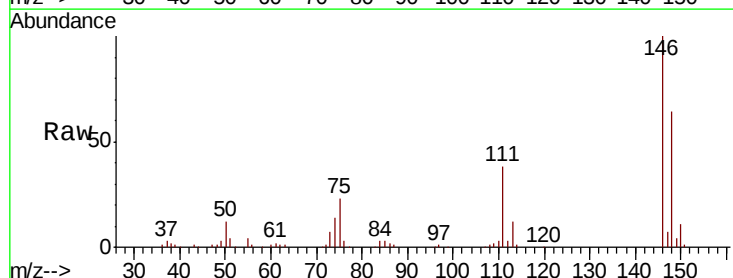
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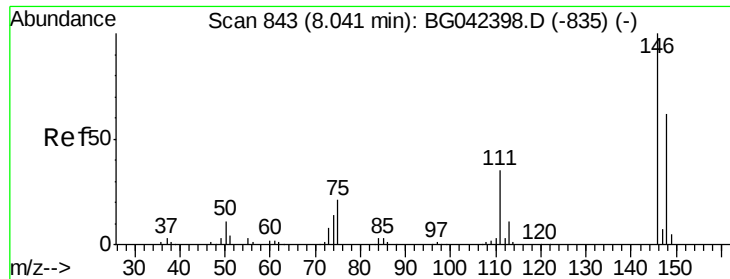
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#12
1,3-Dichlorobenzene
Concen: 37.006 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
75	22.6	18.0	27.0





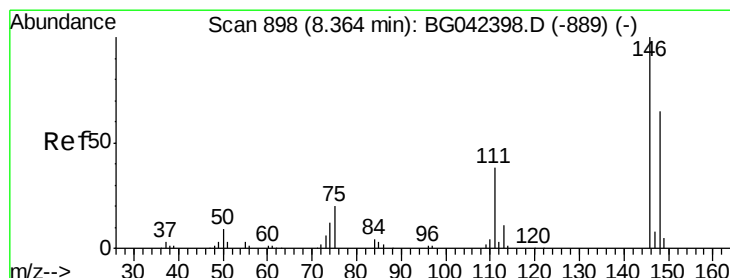
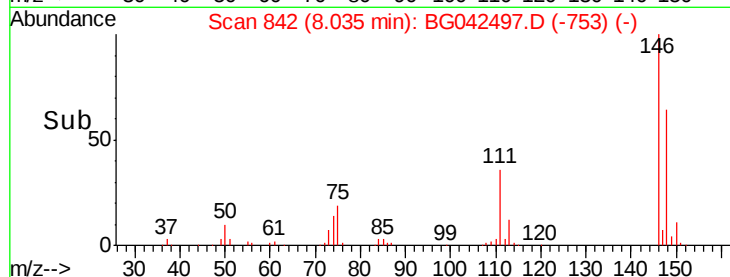
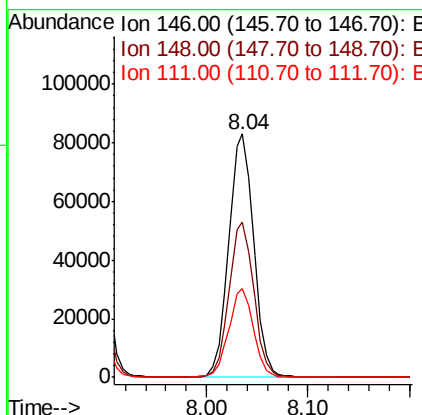
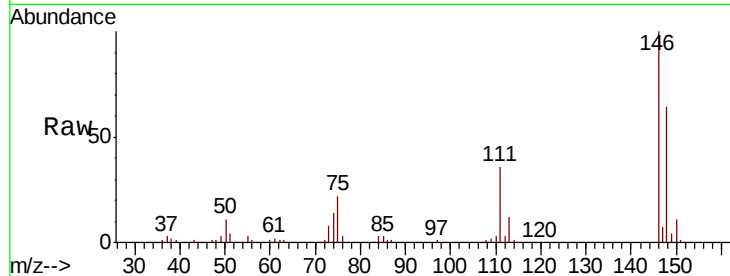
#13
 1,4-Dichlorobenzene
 Concen: 37.886 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.5	74.3
111	36.3	28.1	42.1

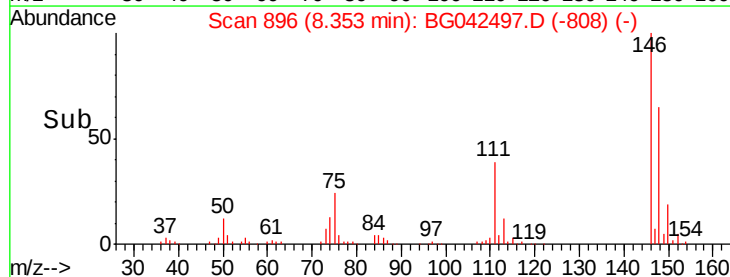
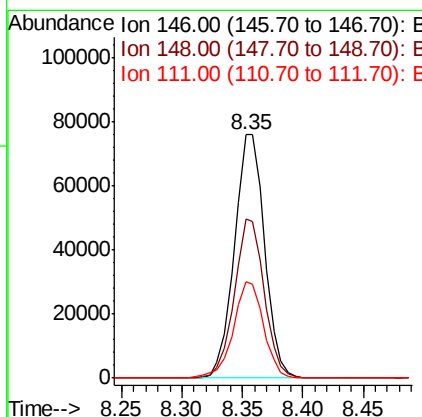
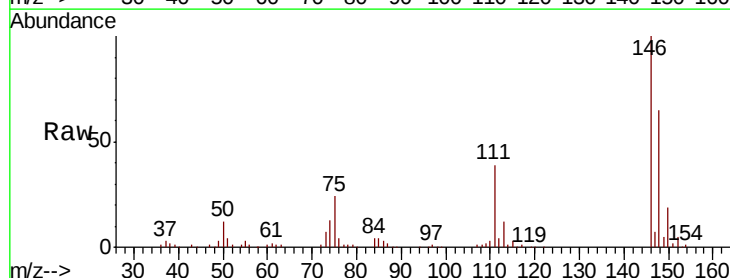
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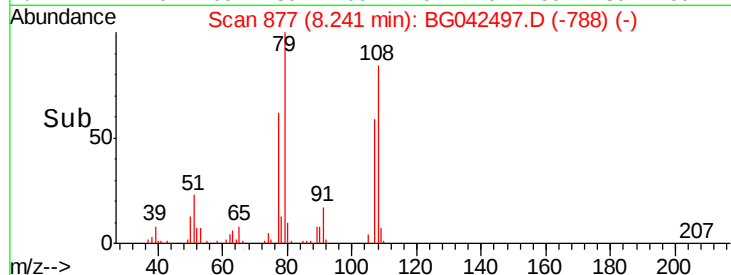
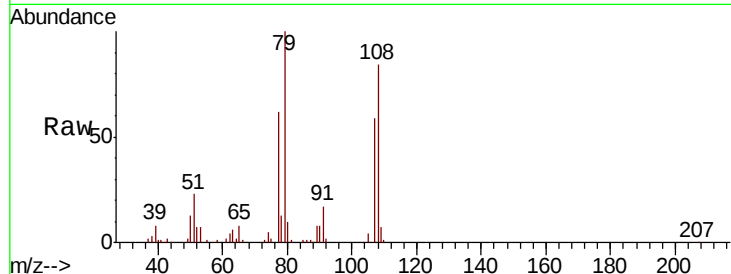
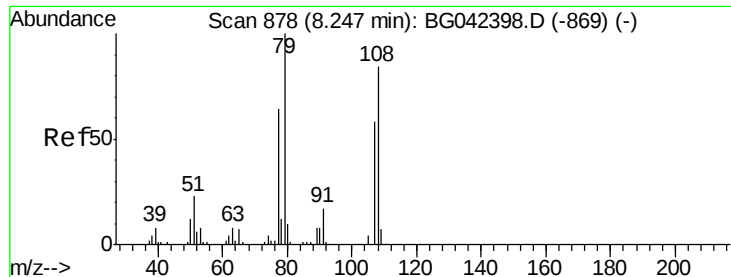
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#14
 1,2-Dichlorobenzene
 Concen: 37.000 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	39.5	30.9	46.3





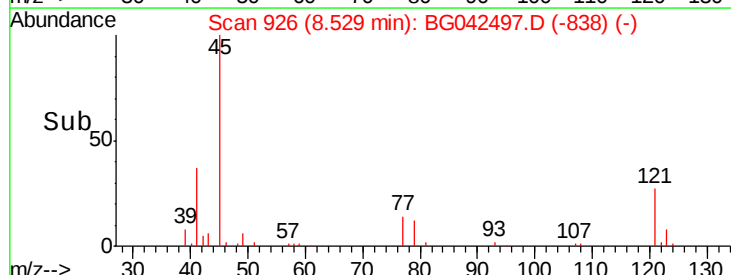
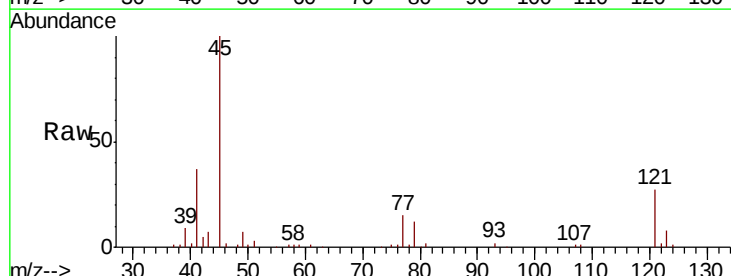
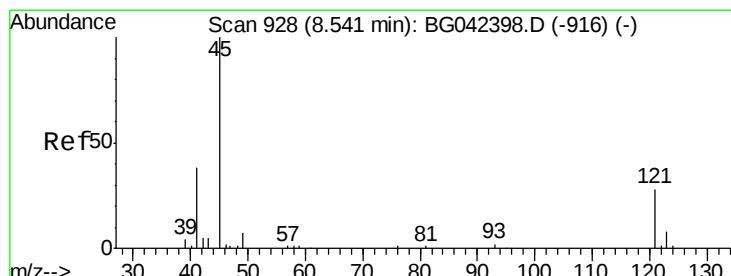
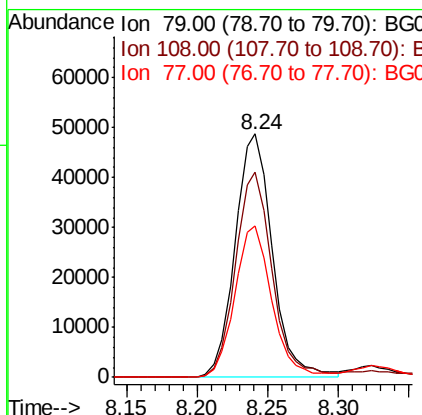
#15
Benzyl Alcohol
Concen: 38.665 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	84.4	67.4	101.2	
77	62.3	50.8	76.2	

Instrument :
BNA_G
ClientSampleId :
PB122444BS

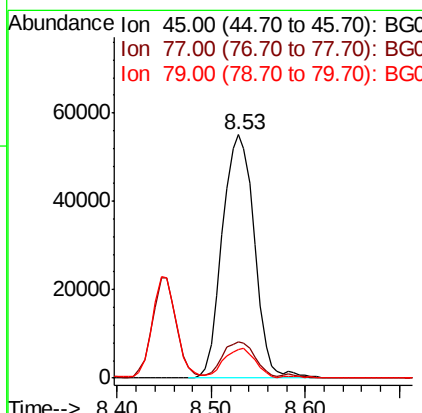
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.351 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.9	0.0	35.6	
79	11.9	0.0	31.6	





#17

2-Methylphenol

Concen: 40.212 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

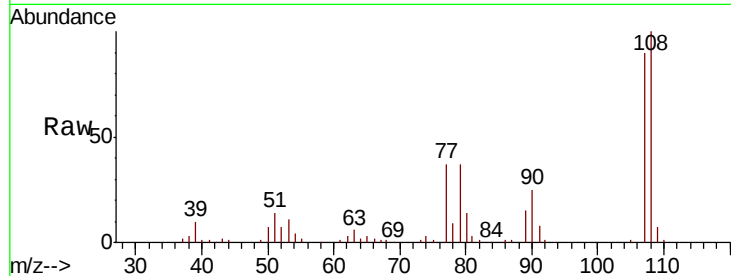
ClientSampleId :

PB122444BS

Tot Ion:	107	Resp:	97422
Ion	Ratio	Lower	Upper
107	100		
108	111.5	92.9	139.3
77	40.9	34.4	51.6
79	40.9	33.8	50.6

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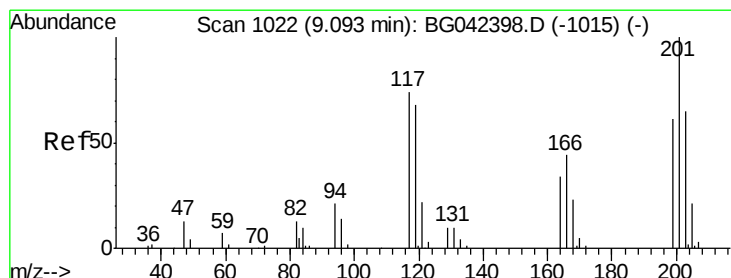
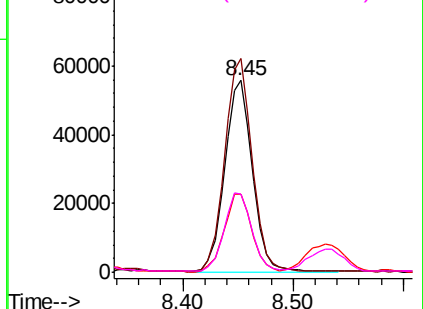
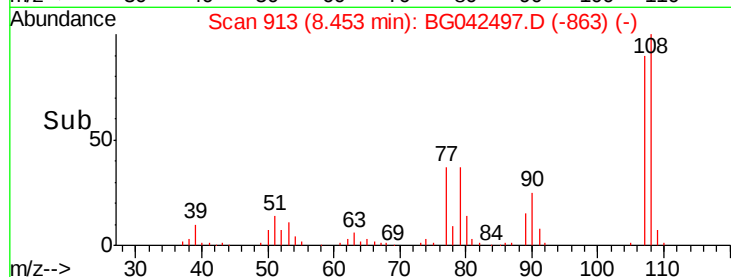
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.557 ng

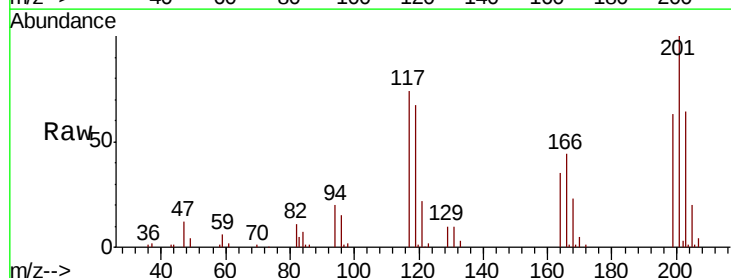
RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	117	Resp:	46809
Ion	Ratio	Lower	Upper
117	100		
119	89.6	73.8	110.8
201	134.8	108.3	162.5

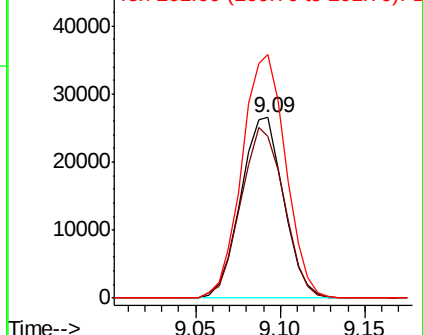
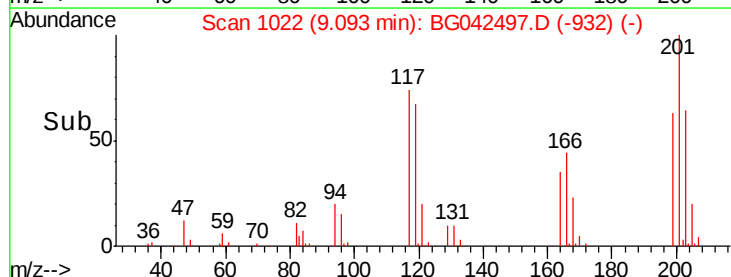


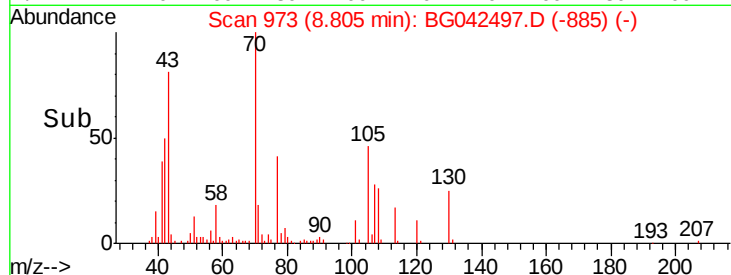
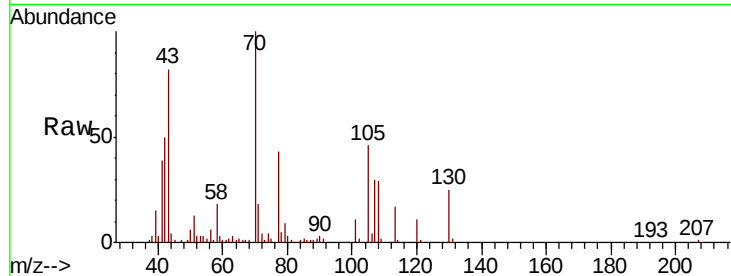
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





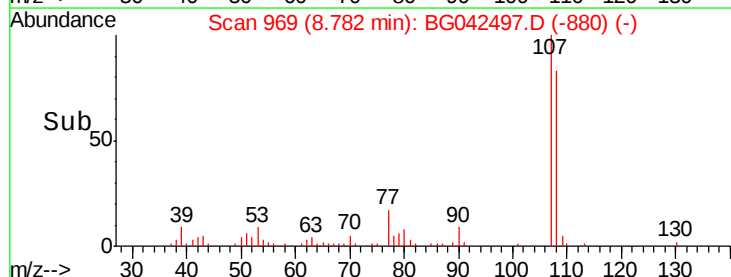
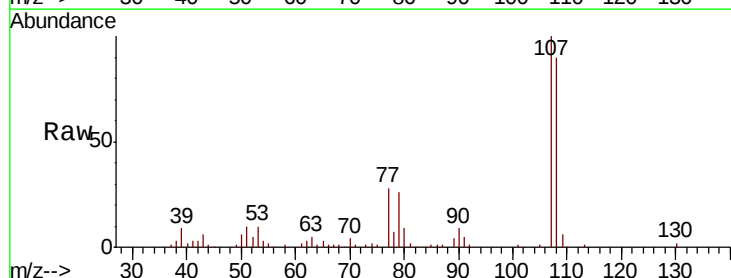
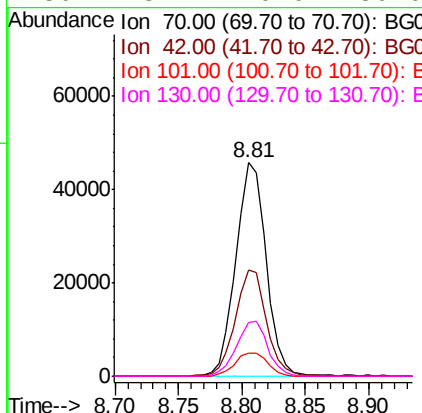
#19
n-Nitroso-di-n-propylamine
Concen: 36.187 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	38.8	58.2	
101	11.0	9.0	13.6	
130	25.2	20.0	30.0	

Instrument :
BNA_G
ClientSampleId :
PB122444BS

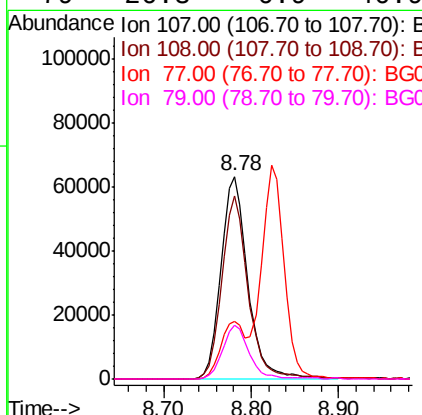
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#20
3+4-Methylphenols
Concen: 39.784 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	68.7	108.7	
77	28.3	10.2	50.2	
79	26.3	6.9	46.9	





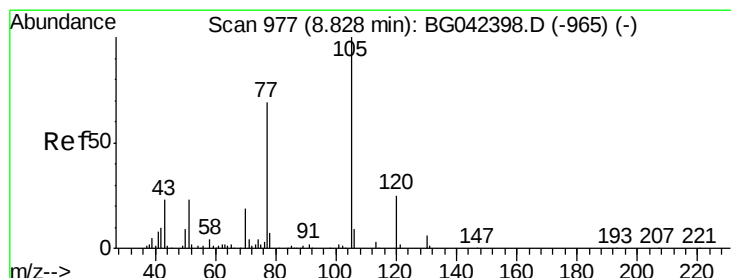
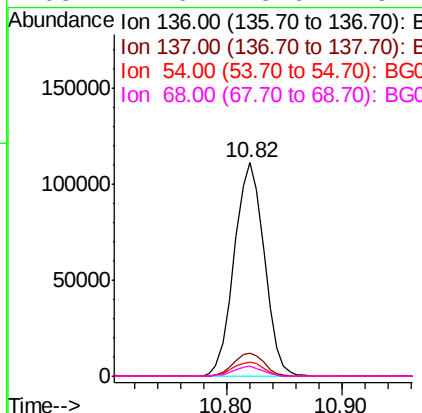
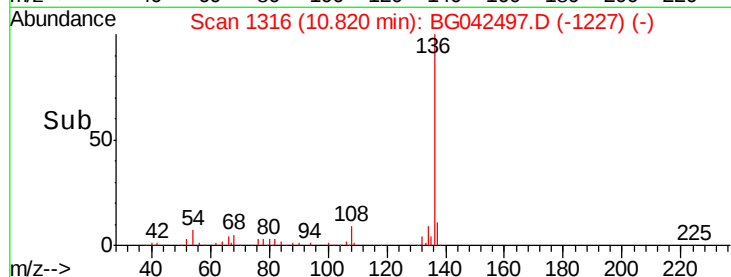
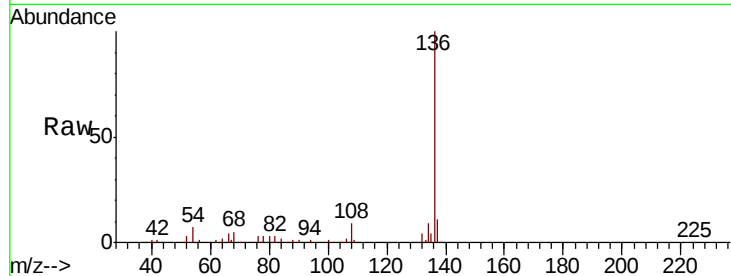
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	200442		
137	10.7		8.7	13.1
54	6.5		4.9	7.3
68	4.6		3.6	5.4

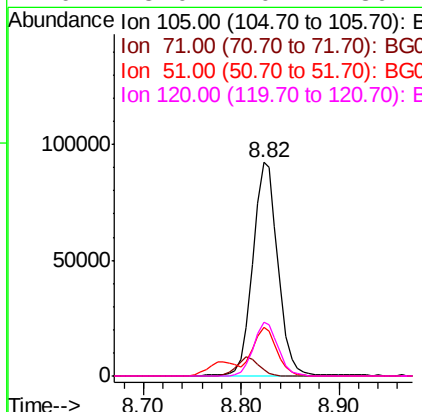
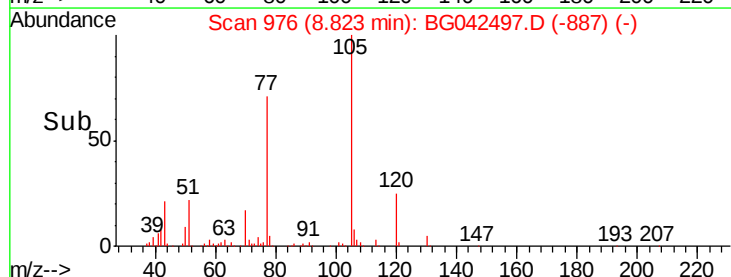
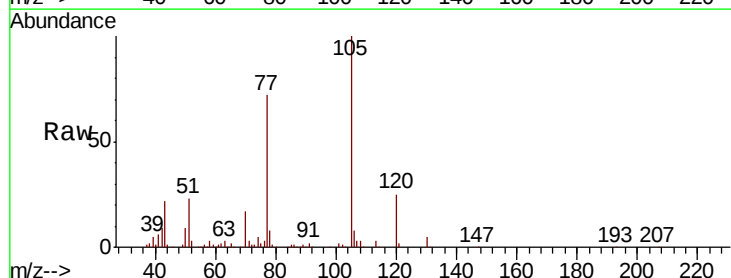
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#22
Acetophenone
Concen: 38.959 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167020		
71	3.1		2.8	4.2
51	22.8		18.7	28.1
120	25.0		20.1	30.1





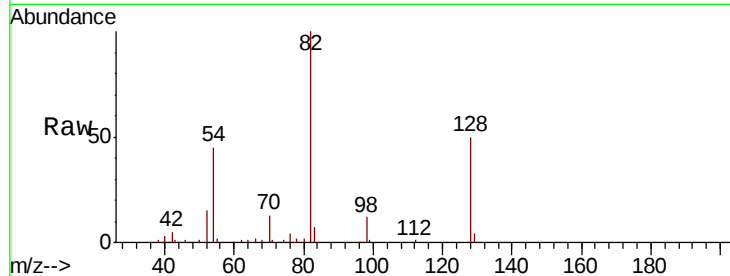
#23
Nitrobenzene-d5
Concen: 62.524 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	181357		
128	50.5	40.7	61.1	
54	44.9	36.3	54.5	

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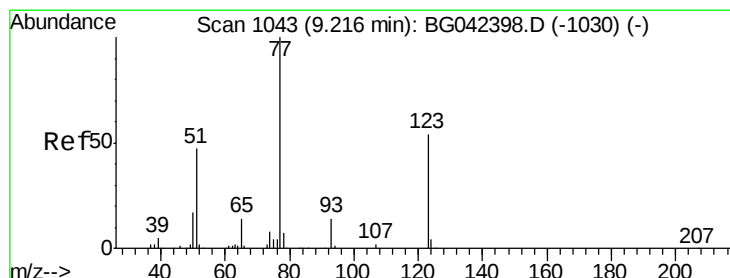
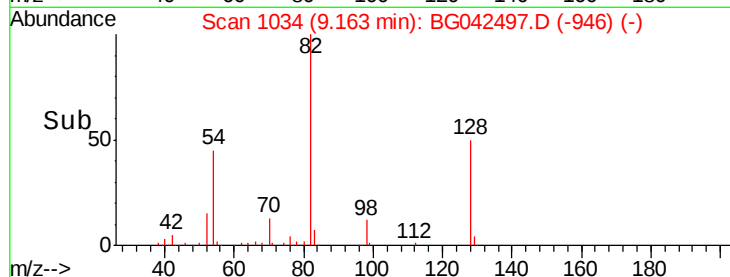
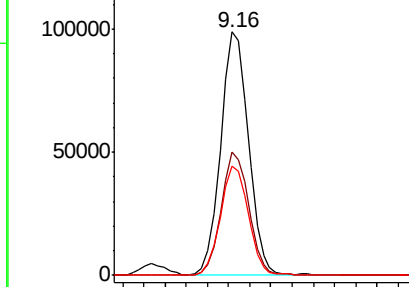


Abundance

Ion 82.00 (81.70 to 82.70): BGC

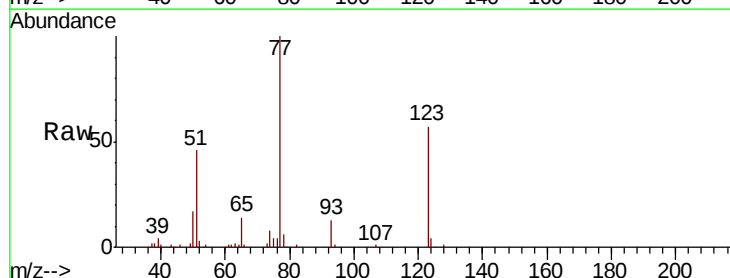
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 38.752 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113825		
123	56.7	43.4	65.0	
65	13.8	11.0	16.6	

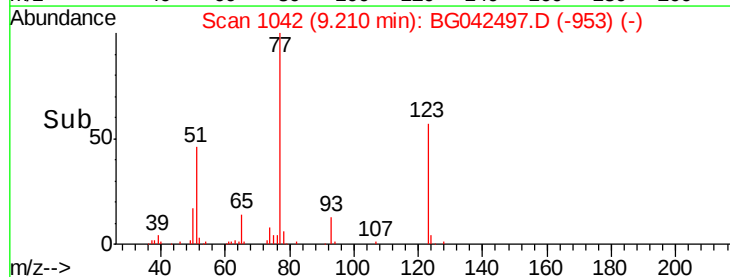
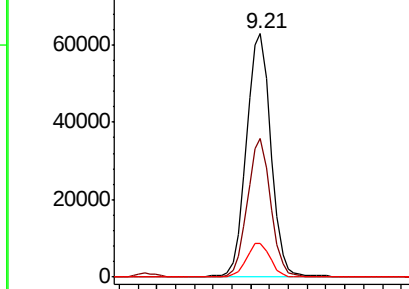


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.991 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

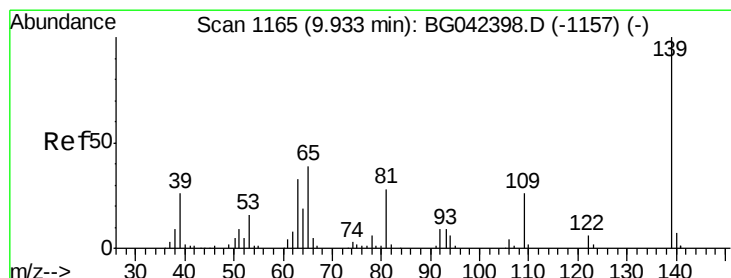
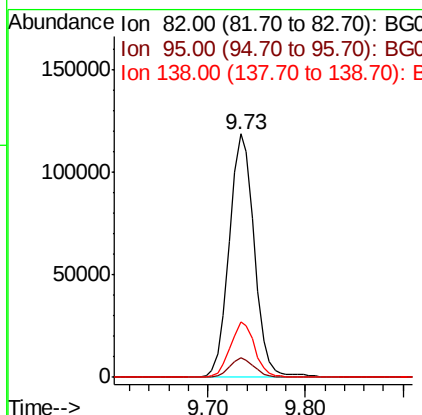
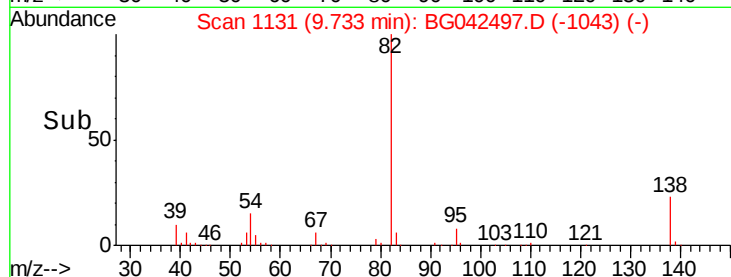
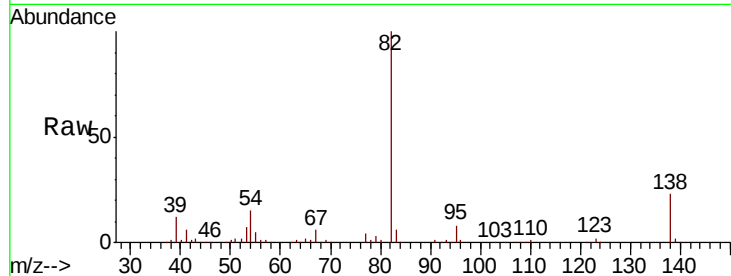
ClientSampleId :

PB122444BS

Tot Ion:	82	Resp:	211750
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.6	9.8
138	22.8	18.6	27.8

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#26

2-Nitrophenol

Concen: 39.423 ng

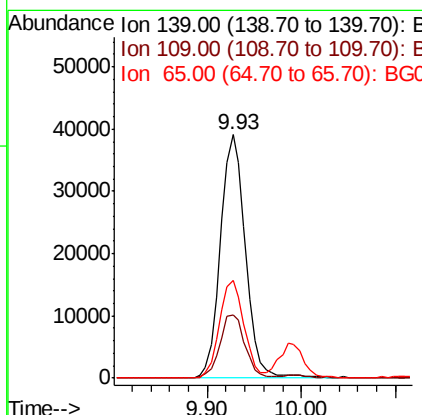
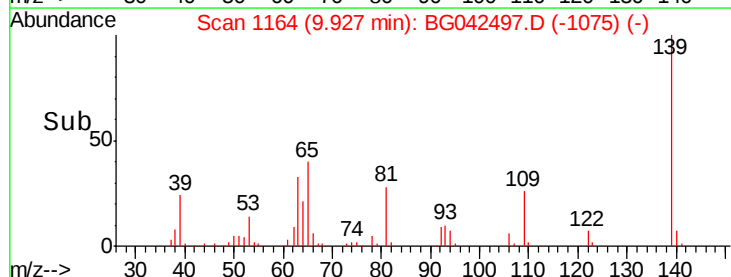
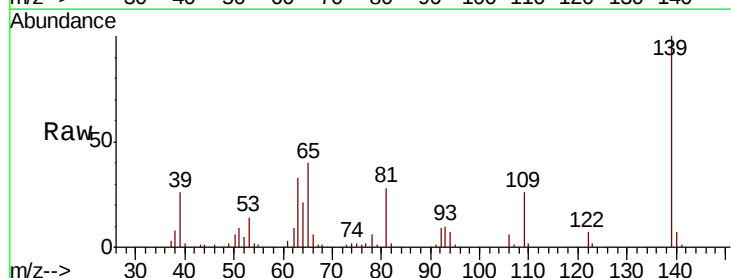
RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	139	Resp:	72565
Ion Ratio		Lower	Upper
139	100		
109	26.0	20.5	30.7
65	40.1	30.9	46.3





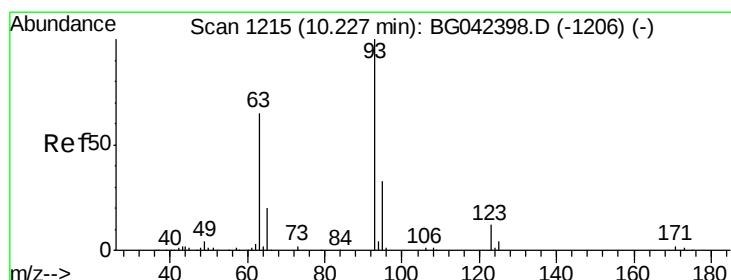
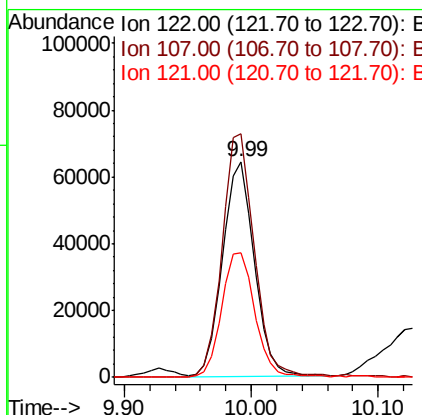
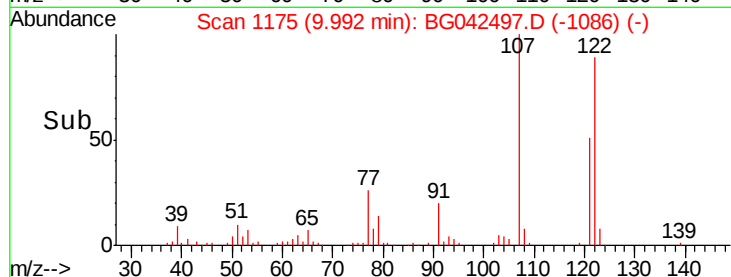
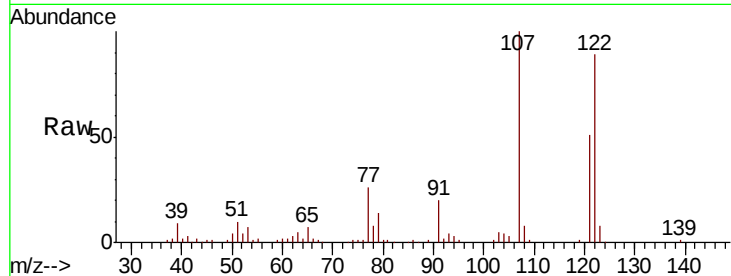
#27
 2,4-Dimethylphenol
 Concen: 44.307 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	112342		
107	112.8	90.8	136.2	
121	57.5	49.6	74.4	

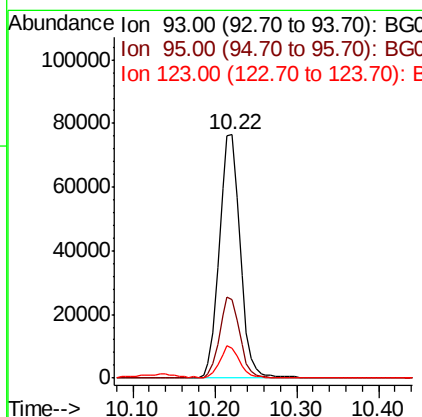
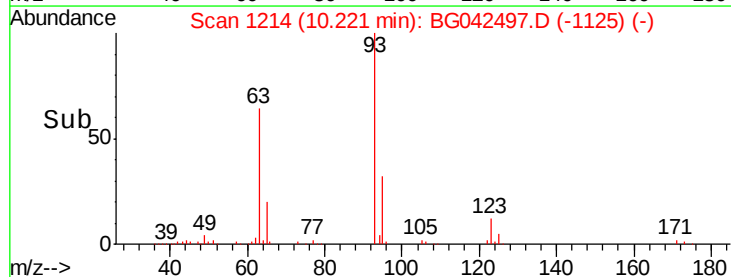
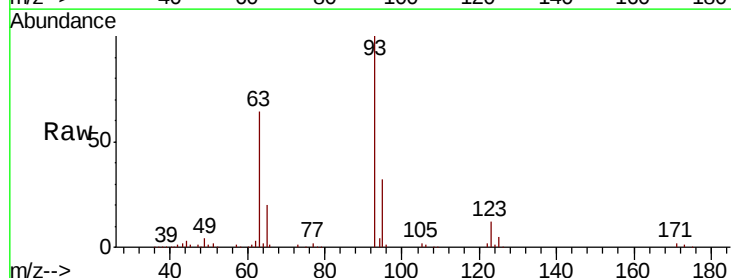
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.755 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	136218		
95	32.2	26.6	40.0	
123	12.2	10.1	15.1	





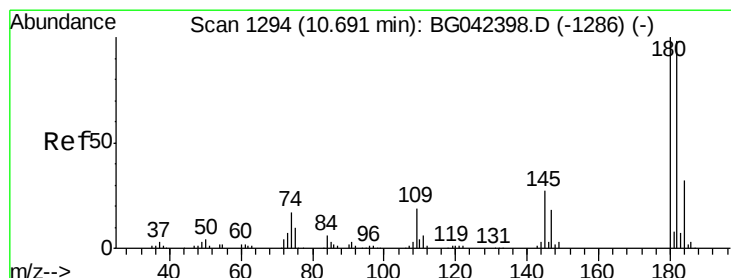
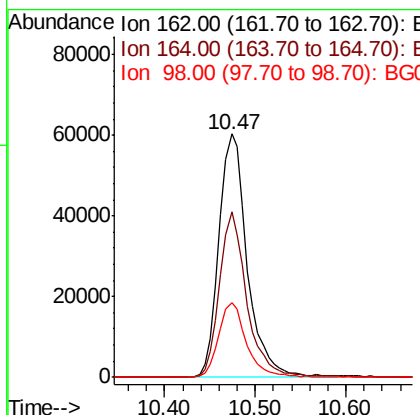
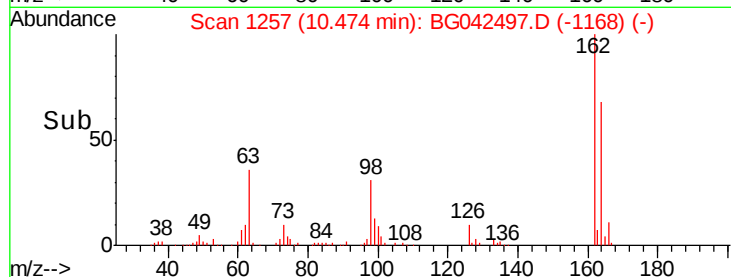
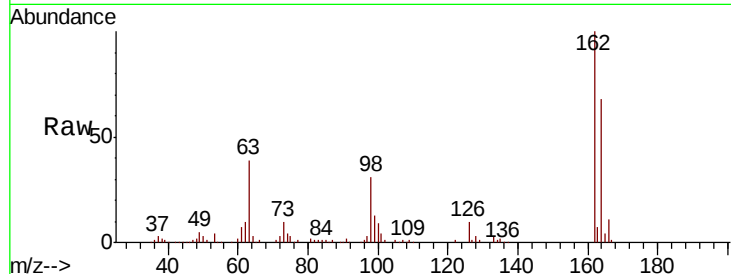
#29
 2,4-Dichlorophenol
 Concen: 39.488 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	130996		
164	68.2	48.1	88.1	
98	30.6	7.6	47.6	

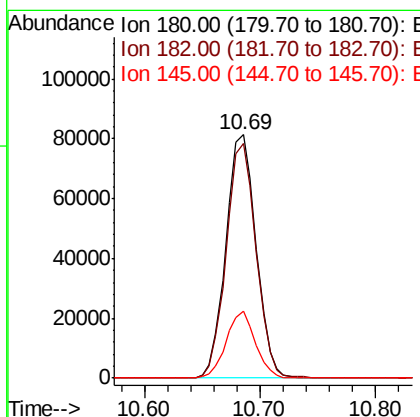
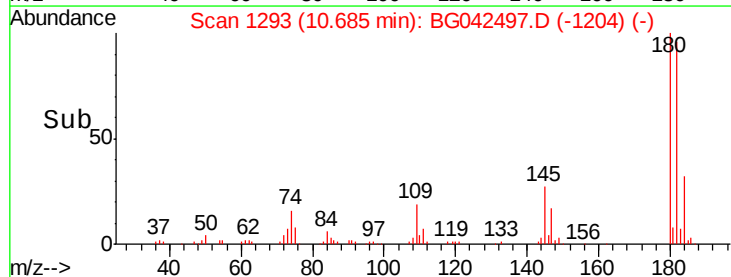
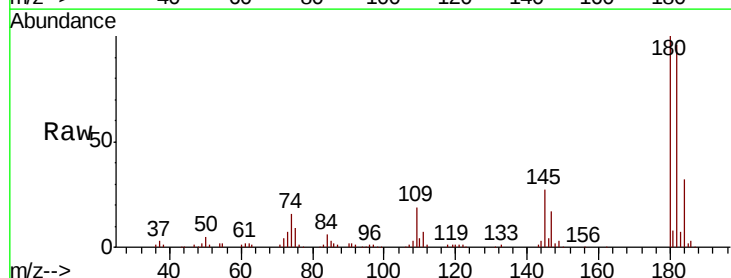
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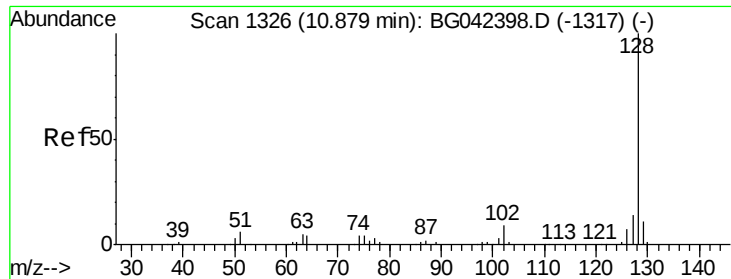
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.227 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147511		
182	96.5	78.7	118.1	
145	27.4	21.6	32.4	





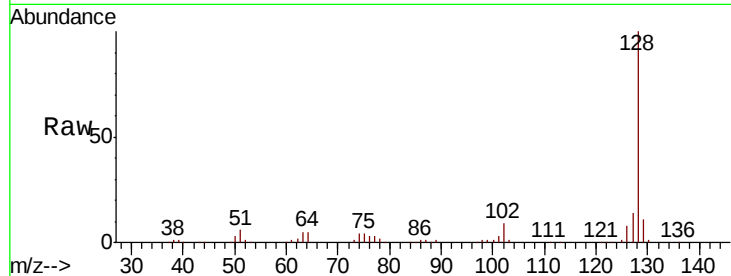
#31
Naphthalene
Concen: 38.582 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampled :
PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	14.3	11.4	17.0	

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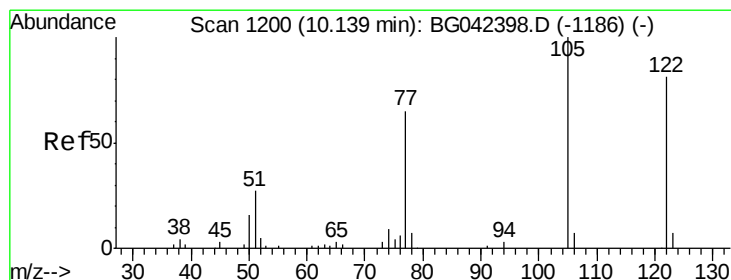
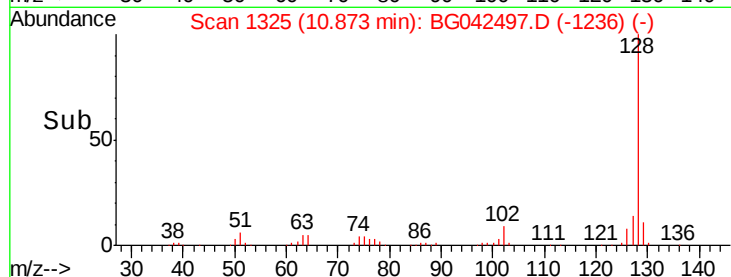
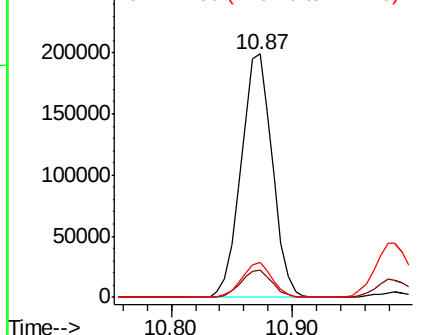


Abundance

Ion 128.00 (127.70 to 128.70): E

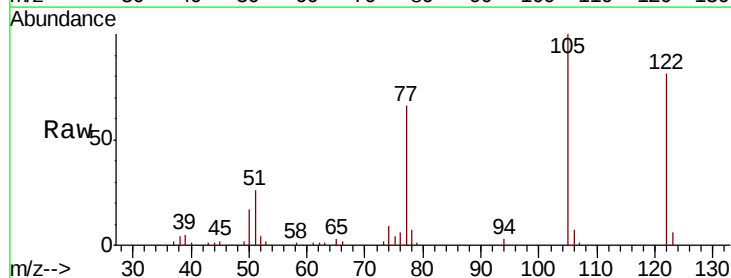
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.209 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.9	99.6	139.6	
77	81.6	59.5	99.5	

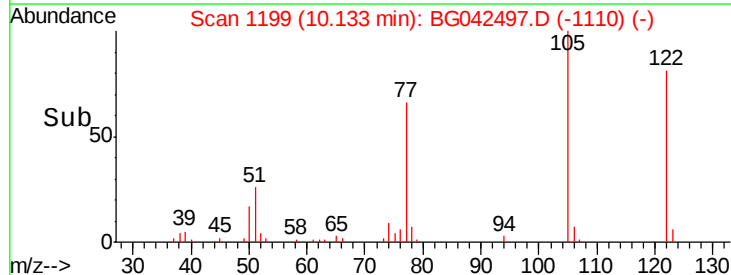
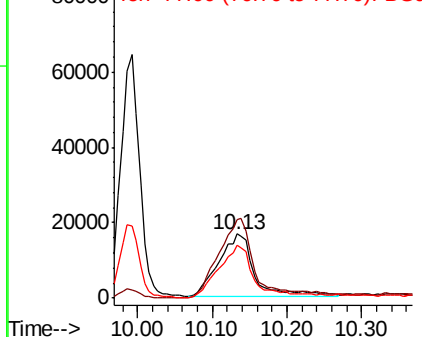


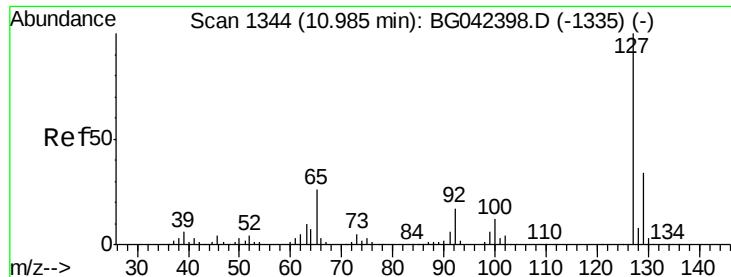
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





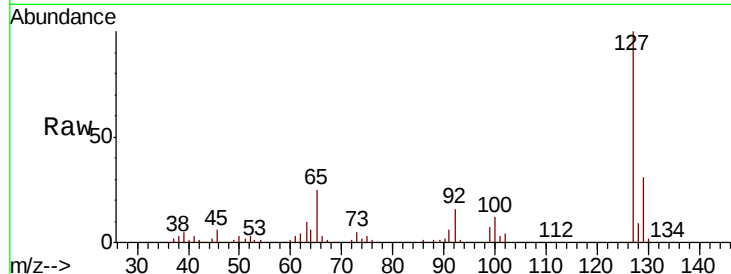
#33
4-Chloroaniline
Concen: 22.824 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

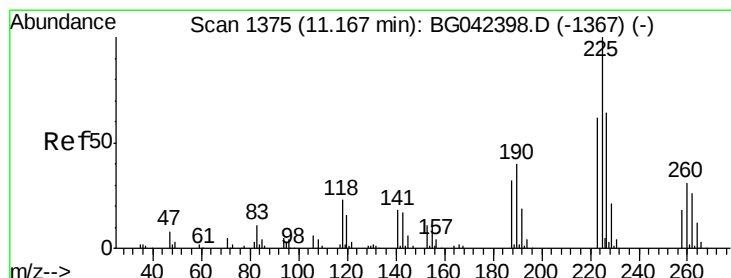
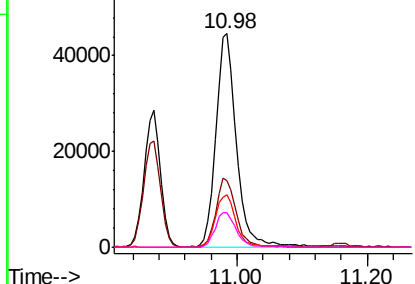
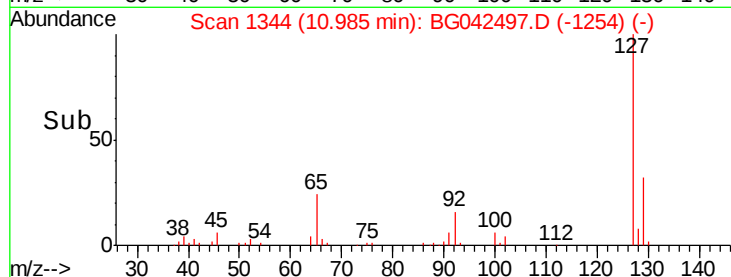
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.8	40.2	
65	24.7	20.7	31.1	
92	16.1	13.6	20.4	

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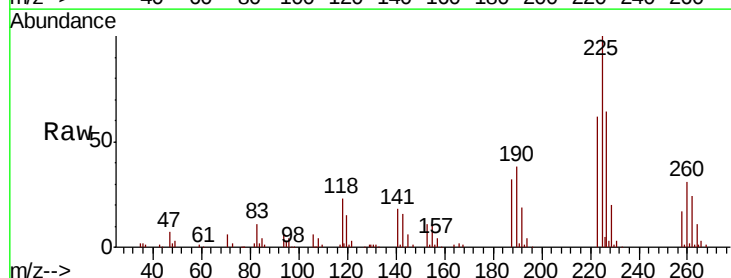


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

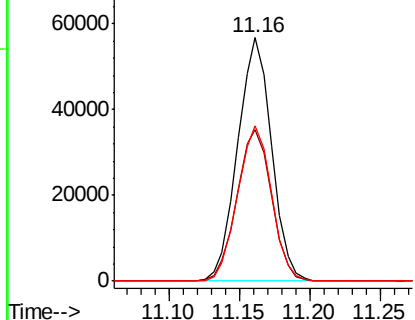
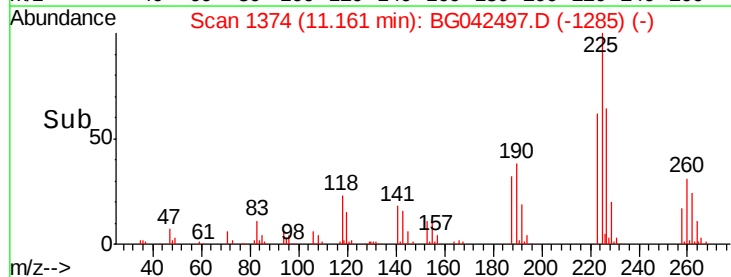


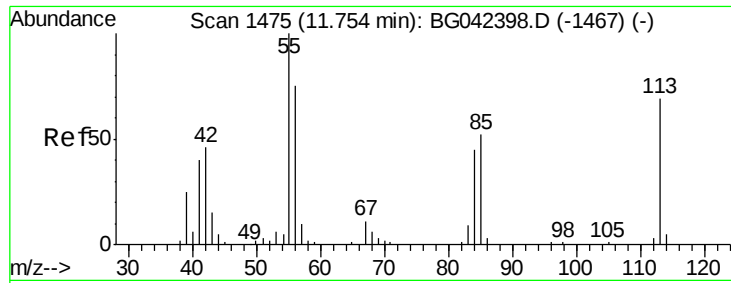
#34
Hexachlorobutadiene
Concen: 34.864 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	49.8	74.6	
227	63.6	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





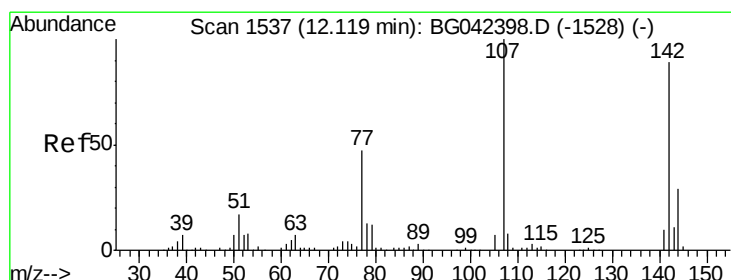
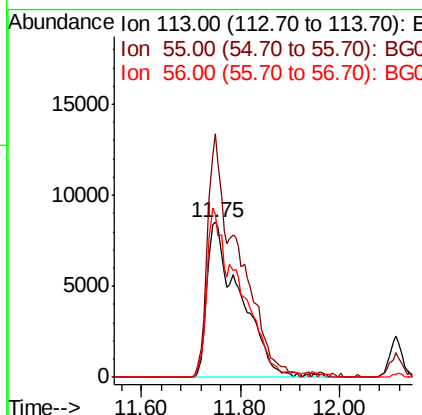
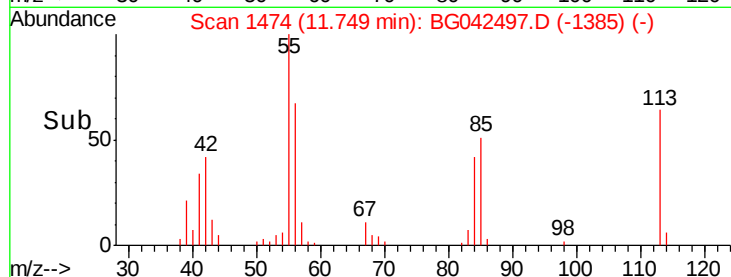
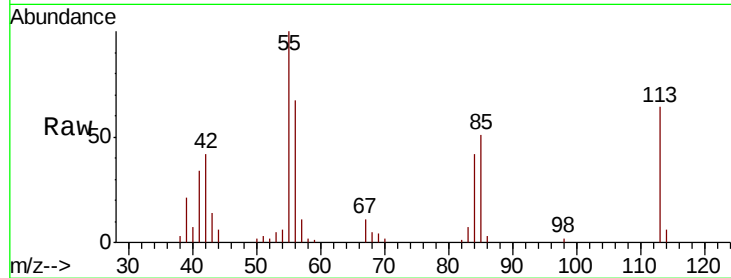
#35
Caprolactam
Concen: 35.732 ng/ml
RT: 11.75 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion: 113 Resp: 39553
Ion Ratio Lower Upper
113 100
55 157.4 124.6 164.6
56 105.5 88.3 128.3

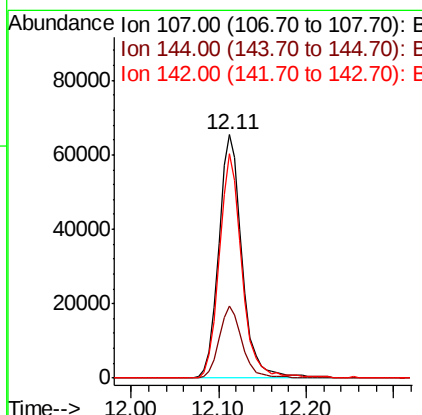
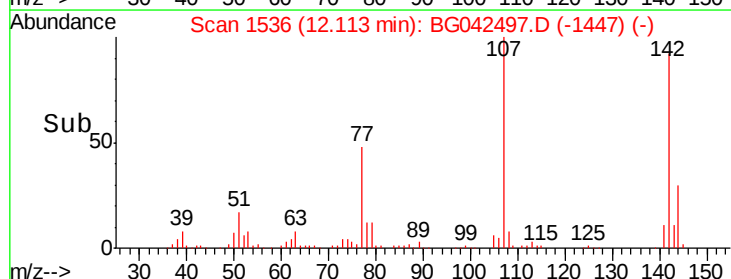
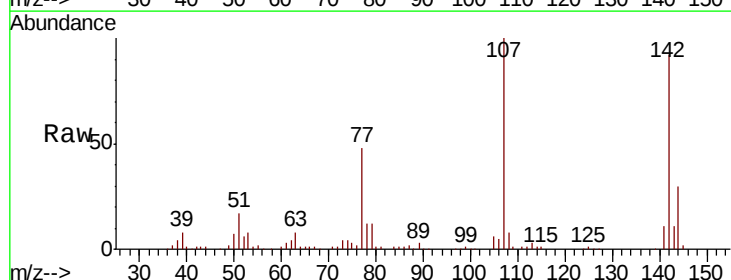
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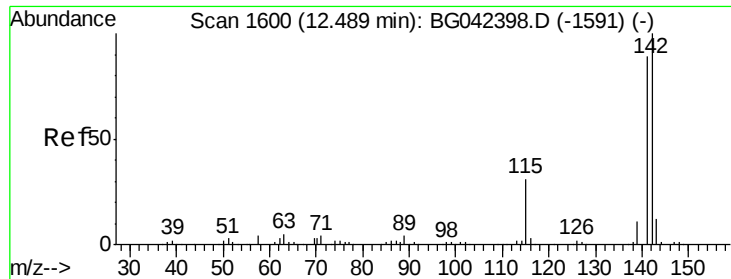
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#36
4-Chloro-3-methylphenol
Concen: 38.294 ng/ml
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion: 107 Resp: 120594
Ion Ratio Lower Upper
107 100
144 29.6 23.6 35.4
142 92.0 71.0 106.4





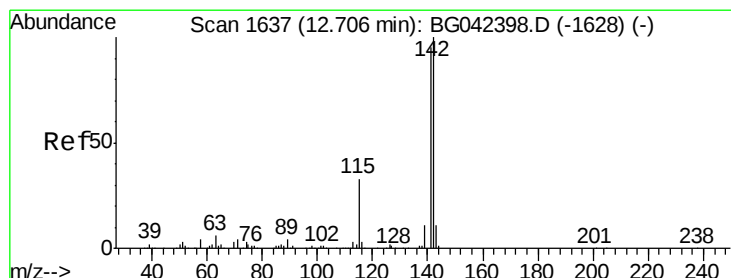
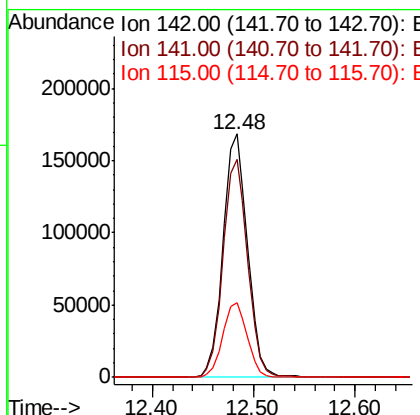
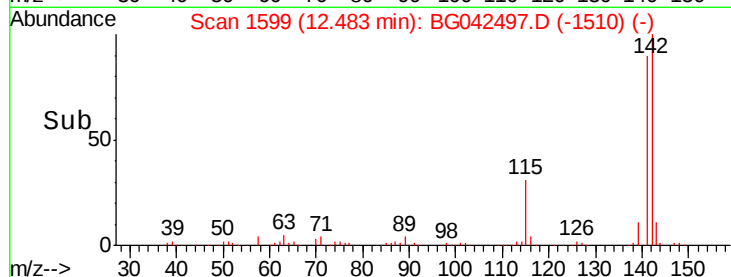
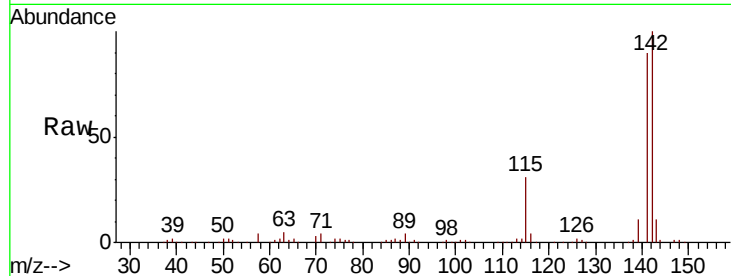
#37
 2-Methylnaphthalene
 Concen: 37.741 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	30.8	25.2	37.8

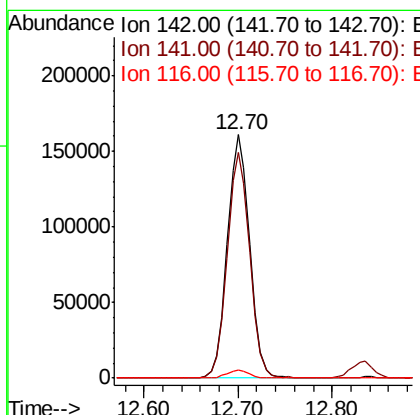
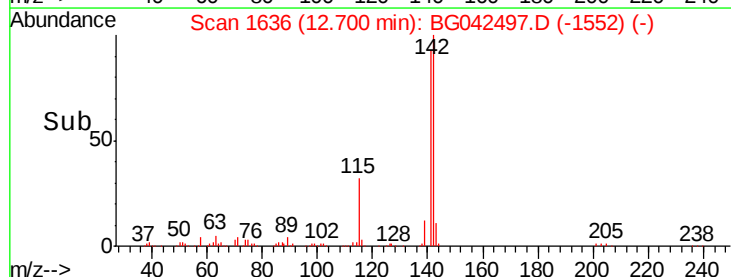
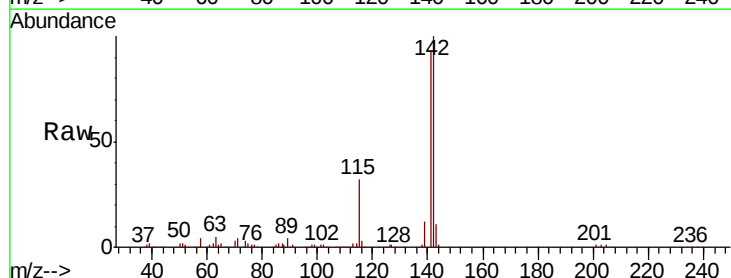
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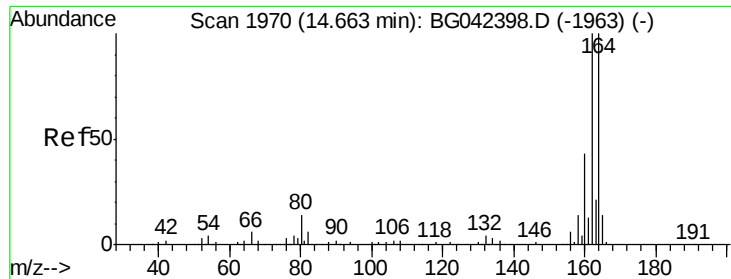
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#38
 1-Methylnaphthalene
 Concen: 37.178 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	76.2	114.2
116	3.4	2.8	4.2





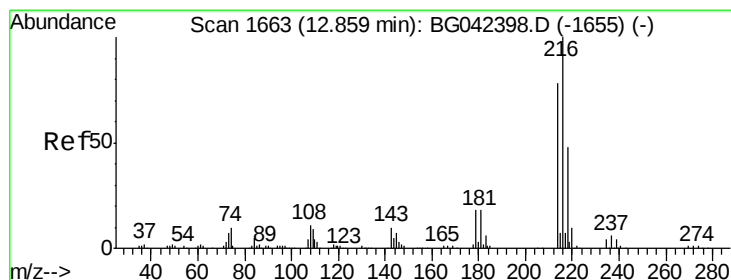
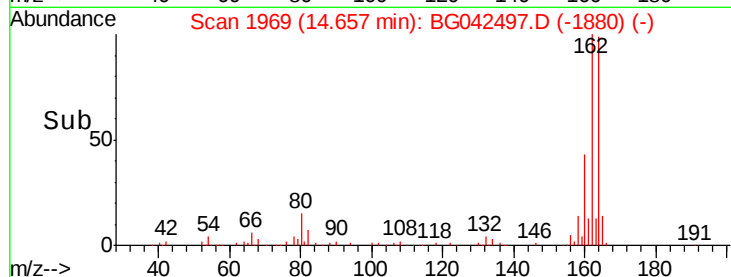
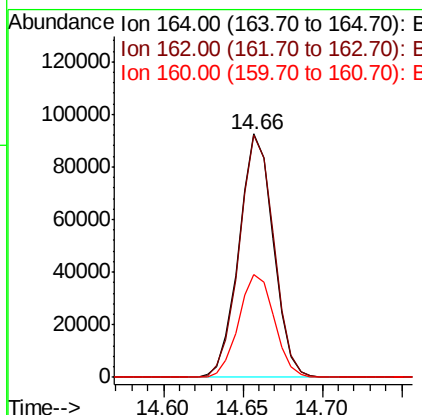
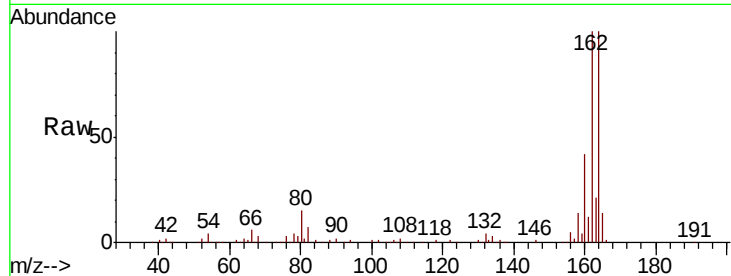
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	42.5	34.3	51.5

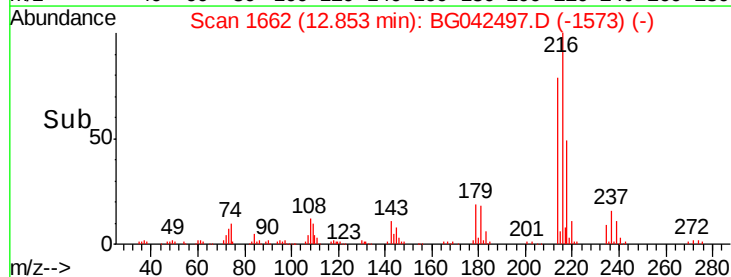
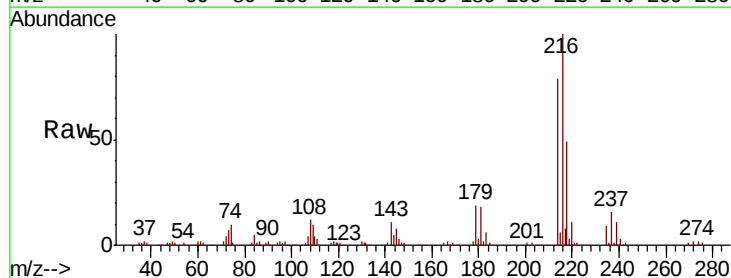
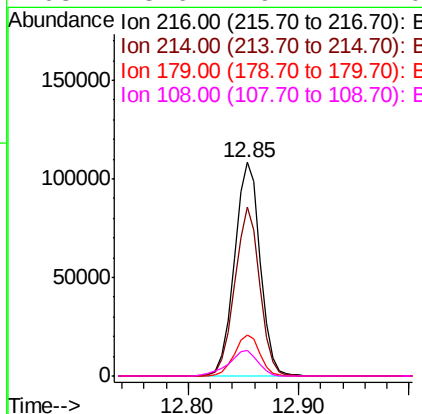
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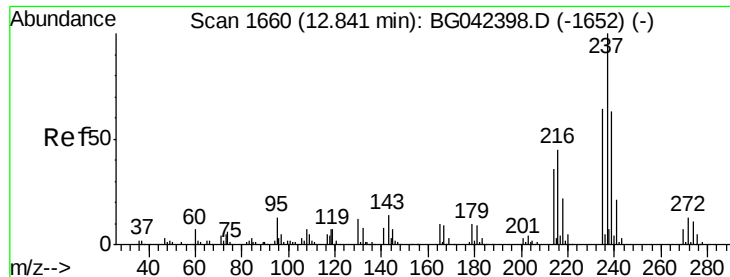
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.563 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.4	92.2
179	18.8	15.1	22.7
108	13.6	9.4	14.0





#41

Hexachlorocyclopentadiene

Concen: 80.650 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

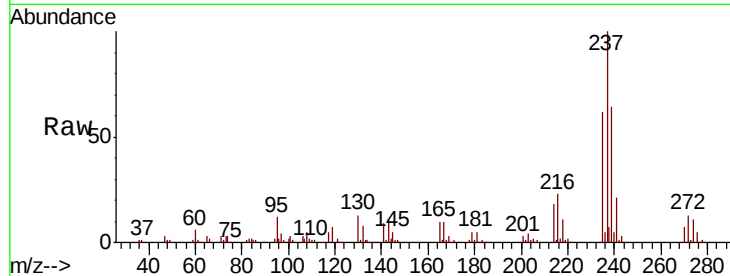
ClientSampleId :

PB122444BS

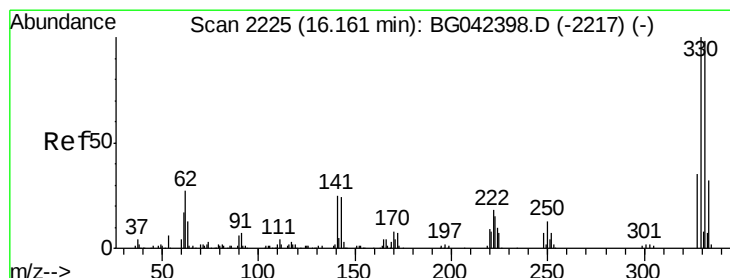
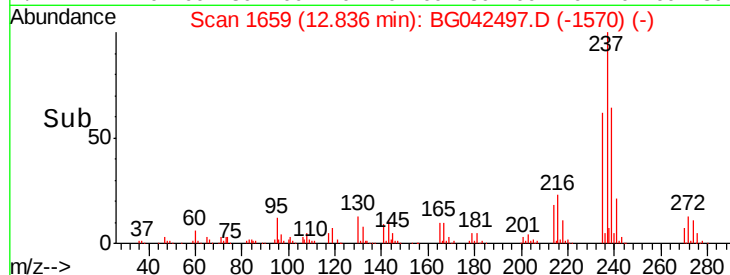
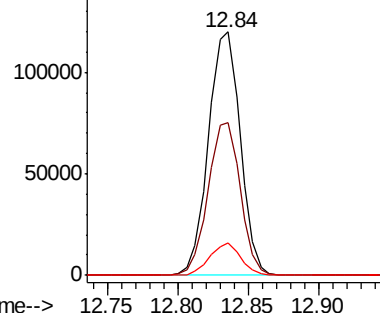
Tot Ion:	237	Resp:	189233
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.7	83.7
272	13.5	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 94.109 ng

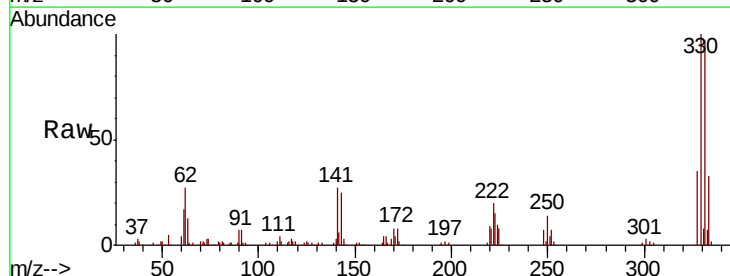
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

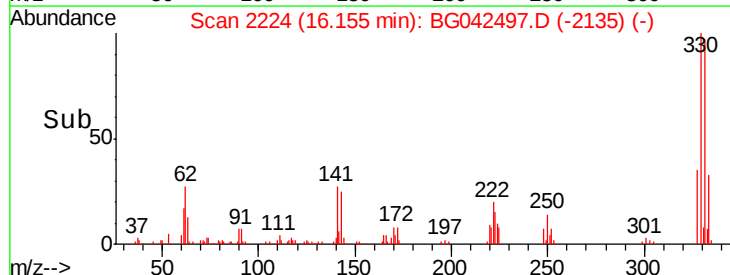
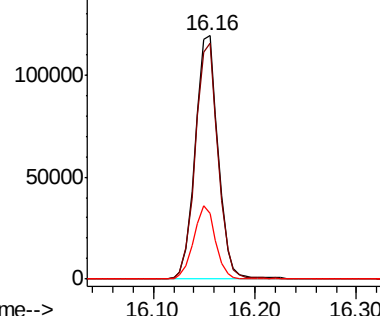
Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	330	Resp:	186053
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.0
141	28.8	21.4	32.0



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





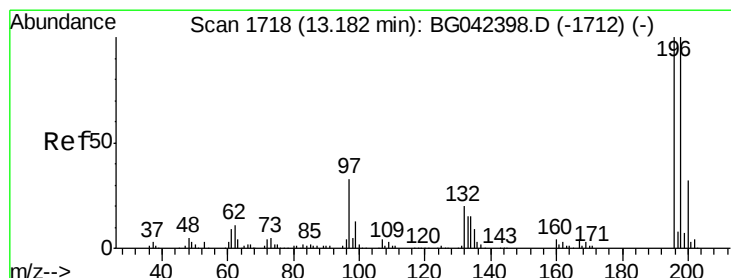
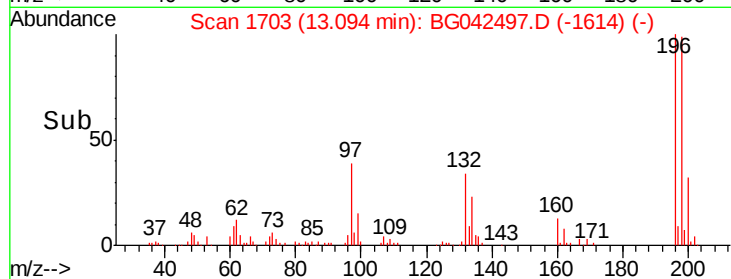
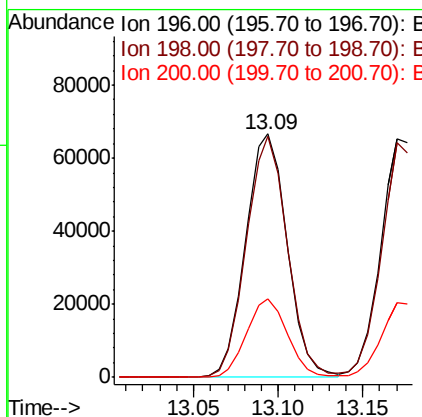
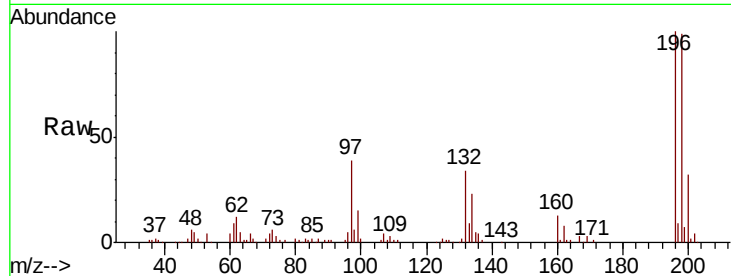
#43
 2,4,6-Trichlorophenol
 Concen: 37.728 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113911		
198	99.0	80.7	121.1	
200	32.5	25.7	38.5	

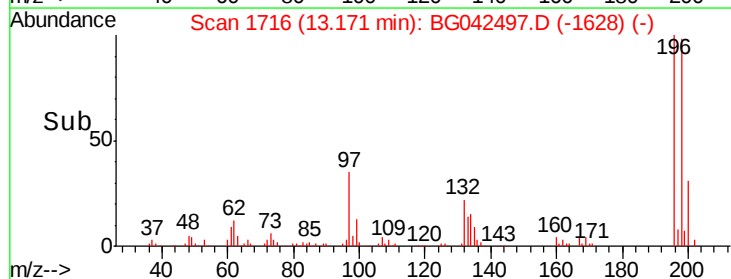
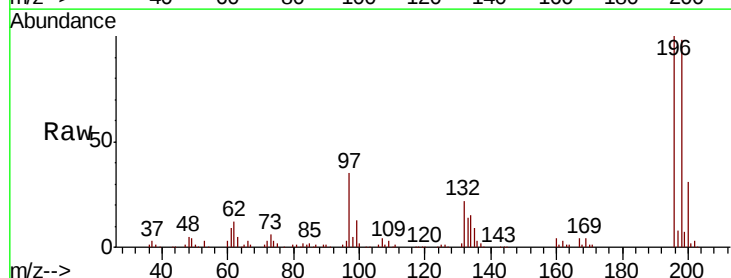
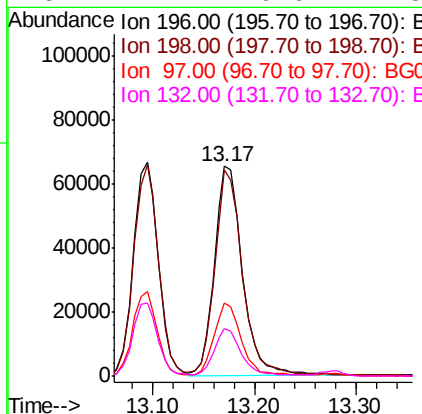
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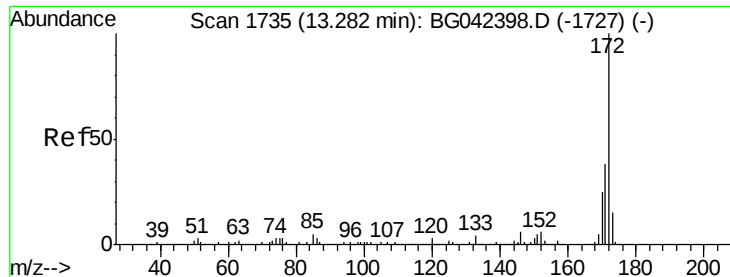
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#44
 2,4,5-Trichlorophenol
 Concen: 39.710 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124244		
198	98.3	80.2	120.4	
97	34.9	26.3	39.5	
132	22.4	16.6	24.8	





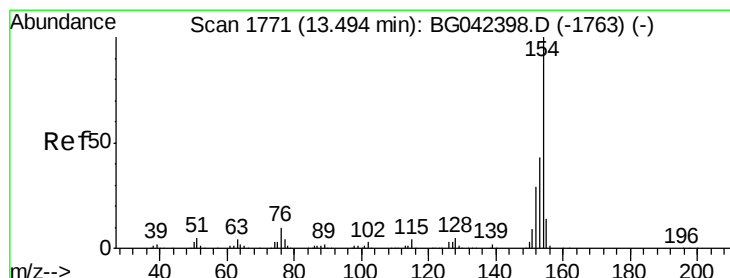
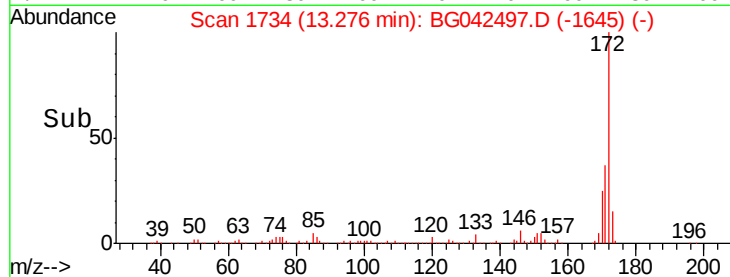
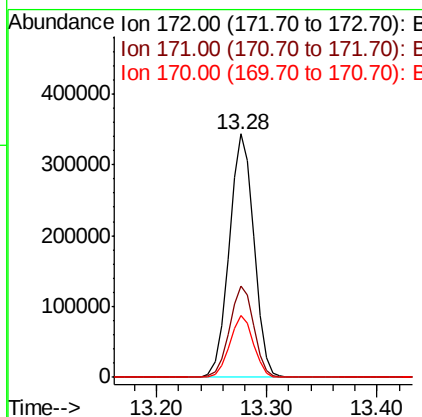
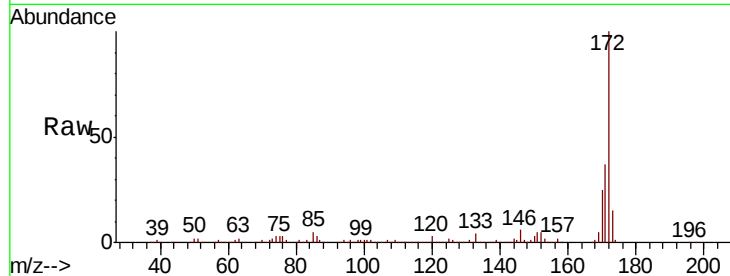
#45
 2-Fluorobiphenyl
 Concen: 65.487 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion:	172	Resp:	538573
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.5	45.7
170	25.2	20.2	30.2

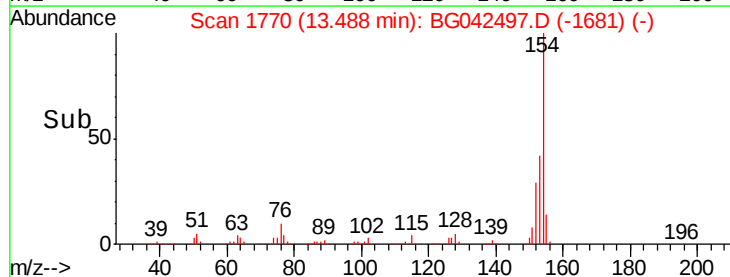
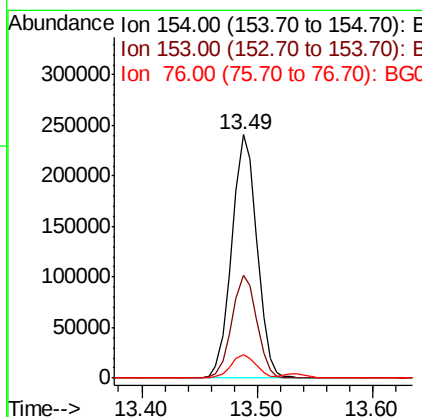
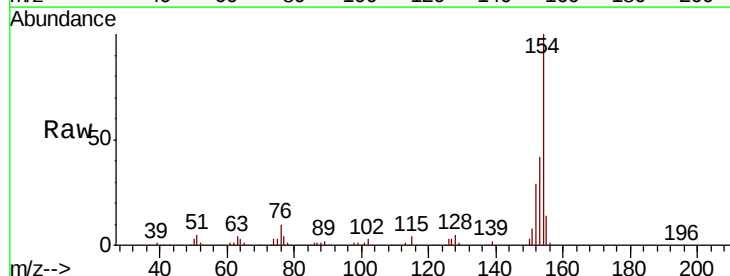
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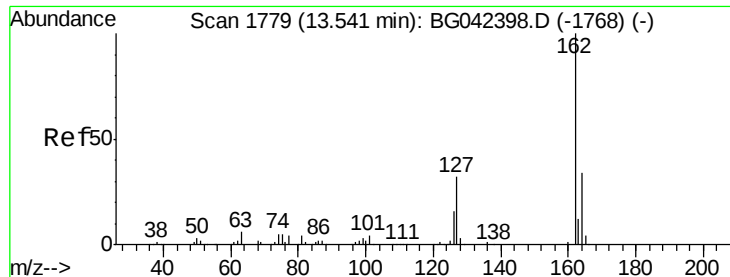
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#46
 1,1'-Biphenyl
 Concen: 40.528 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:	154	Resp:	364397
Ion Ratio	Lower	Upper	
154	100		
153	42.2	23.0	63.0
76	9.8	0.0	29.6





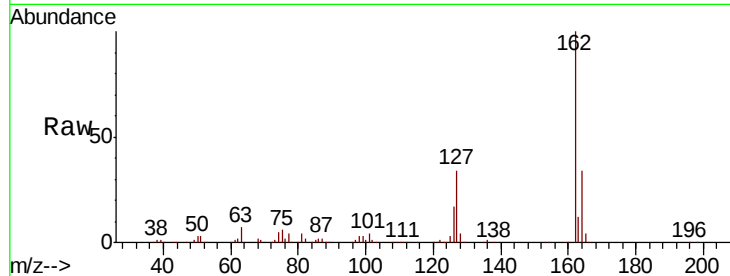
#47
2-Chloronaphthalene
Concen: 38.276 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	26.0	39.0
164	34.0	27.4	41.0

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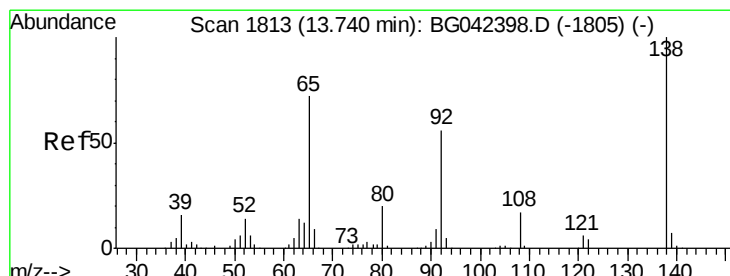
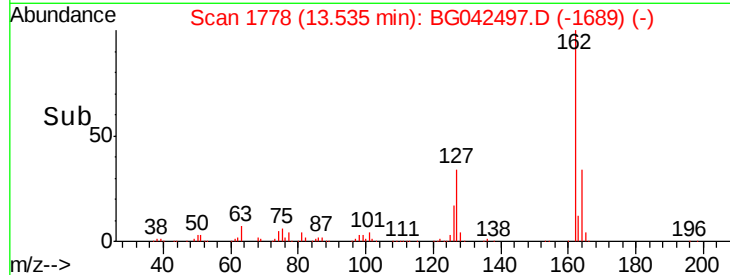
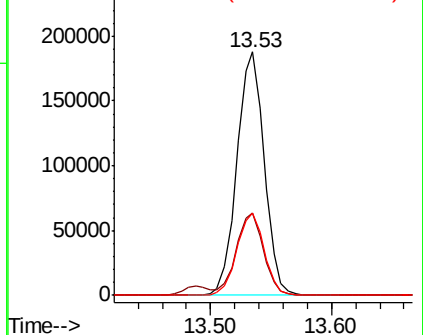


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 36.651 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

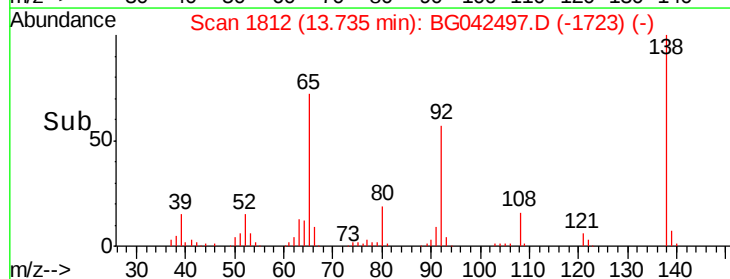
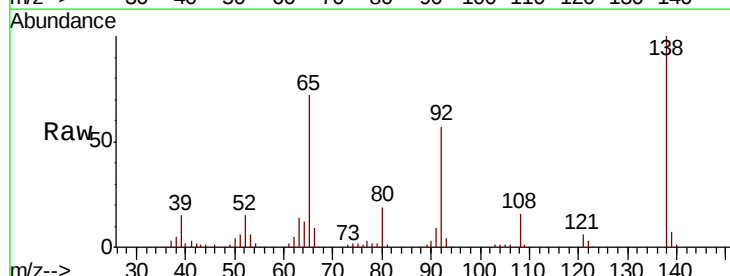
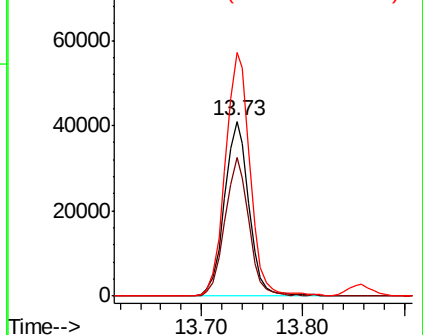
Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.5	61.8	92.6
138	139.5	111.0	166.6

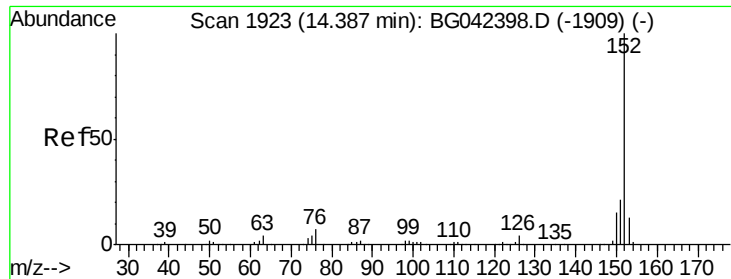
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.200 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

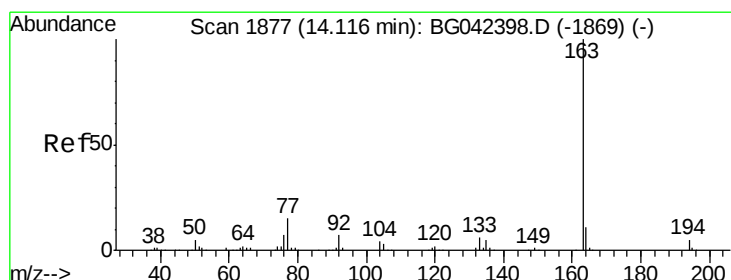
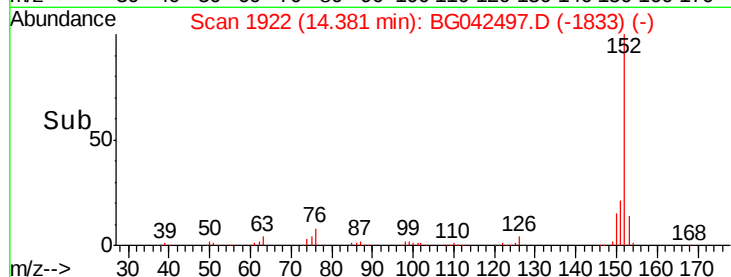
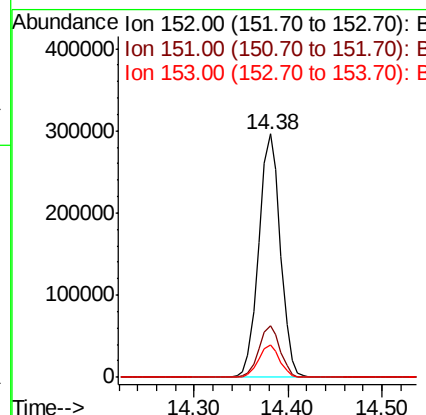
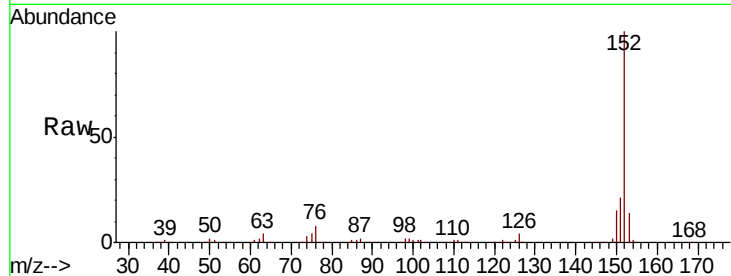
ClientSampleId :

PB122444BS

Tot Ion:	152	Resp:	468885
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.4
153	13.5	10.6	16.0

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#50

Dimethylphthalate

Concen: 36.996 ng

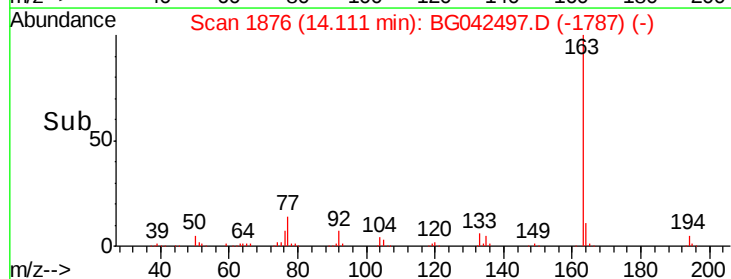
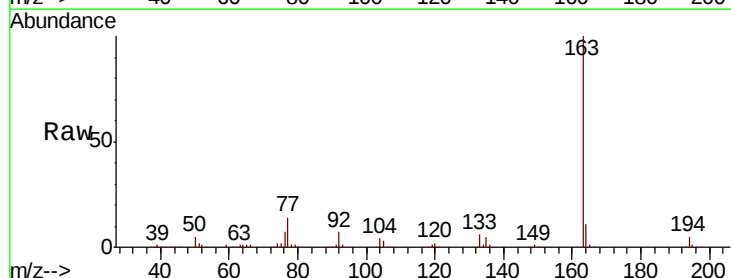
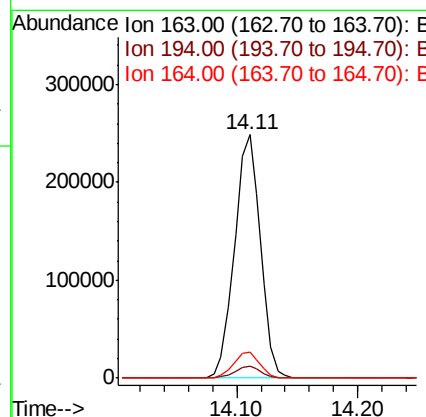
RT: 14.11 min Scan# 1876

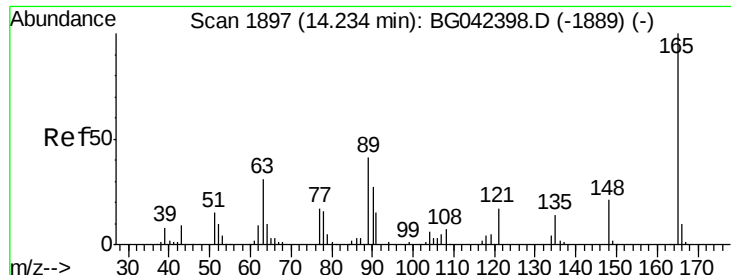
Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	163	Resp:	371300
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: 38.803 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

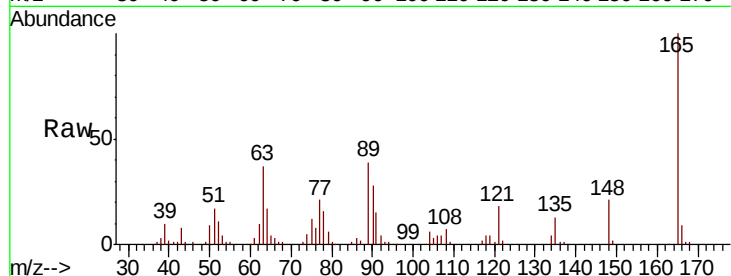
ClientSampleId :

PB122444BS

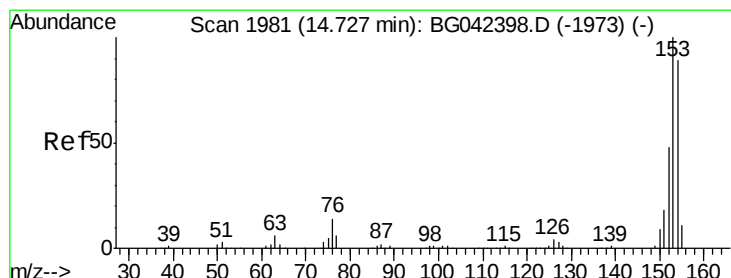
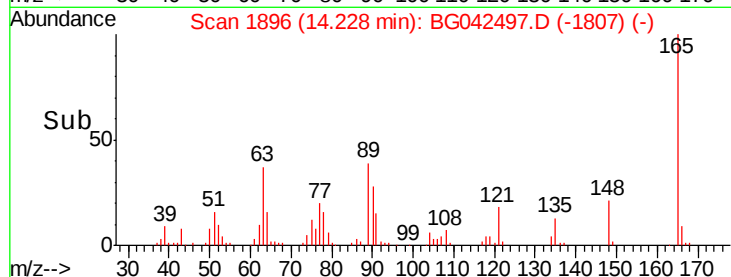
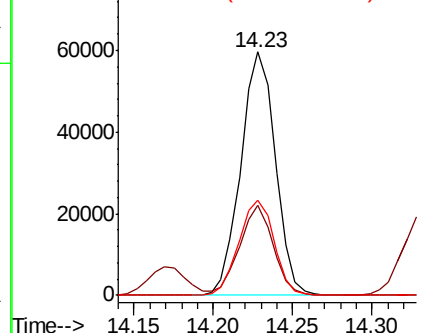
Tot Ion:	165	Resp:	90268
Ion Ratio	Lower	Upper	
165	100		
63	37.1	30.6	45.8
89	39.2	32.6	49.0

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO



#52

Acenaphthene

Concen: 38.573 ng

RT: 14.72 min Scan# 1980

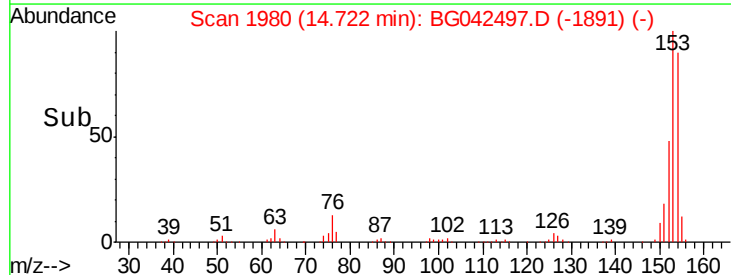
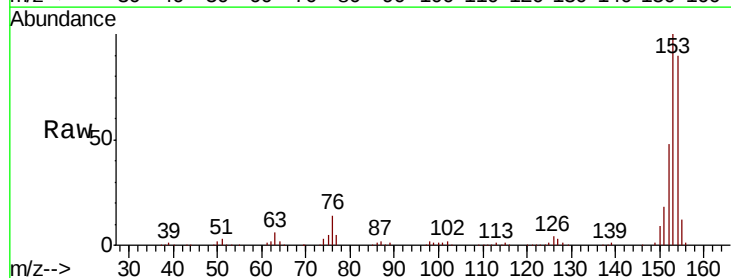
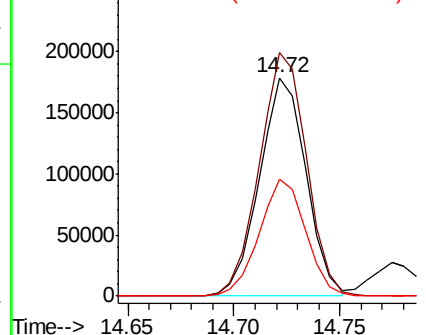
Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	154	Resp:	273190
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.2	135.4
152	53.4	43.2	64.8

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





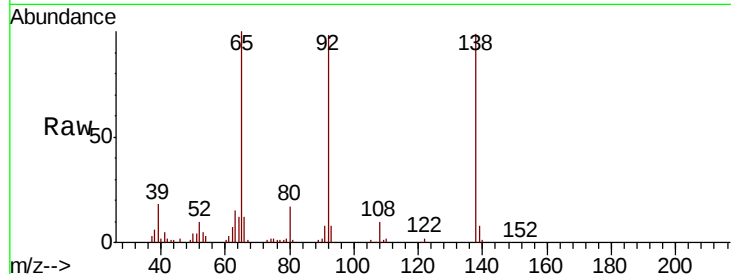
#53
3-Nitroaniline
Concen: 26.791 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.3	12.5
92	98.8	78.2	117.4

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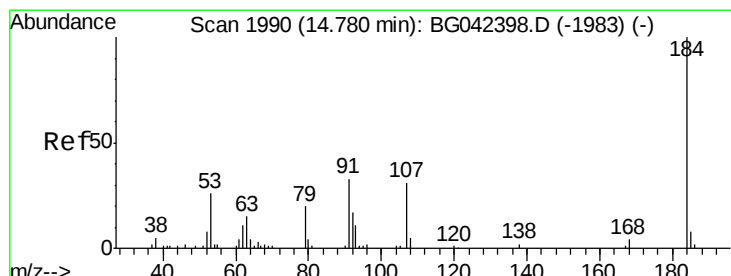
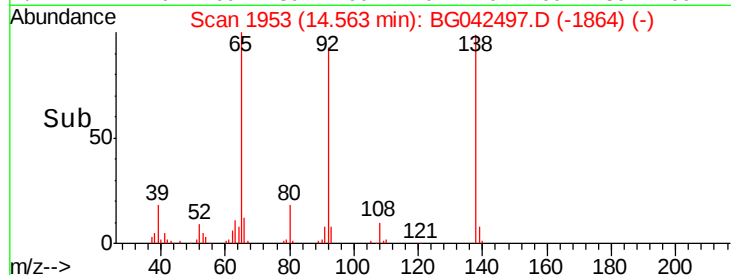
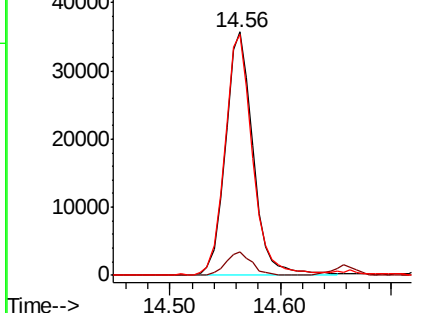


Abundance

Ion 138.00 (137.70 to 138.70): E

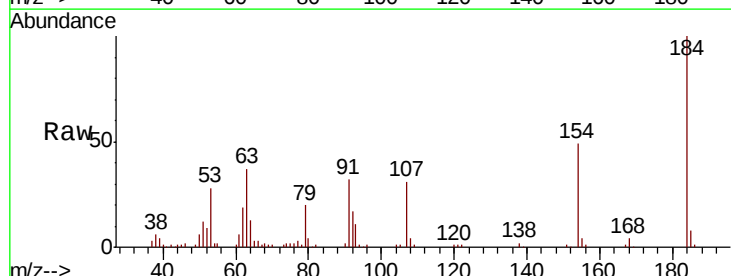
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54
2,4-Dinitrophenol
Concen: 63.459 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.2	31.7	47.5
154	48.9	42.0	63.0

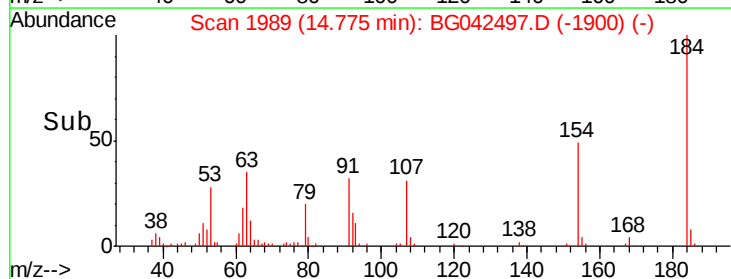
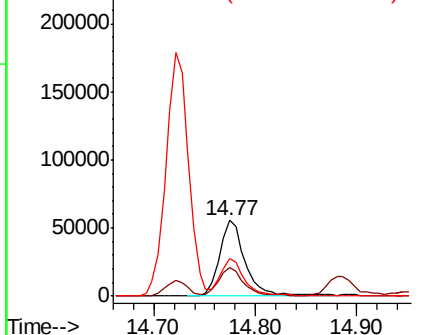


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





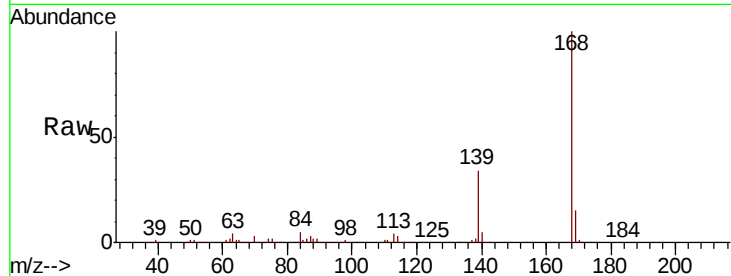
#55
Dibenzenofuran
Concen: 39.336 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.9	27.2	40.8
169	14.8	11.5	17.3

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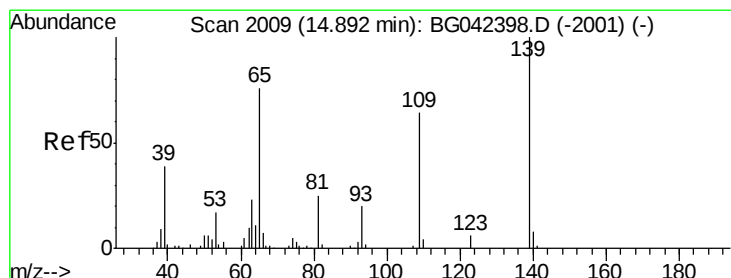
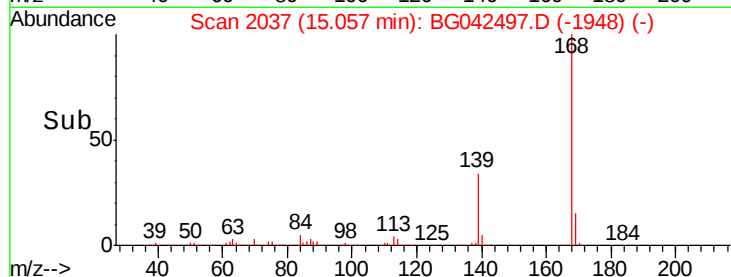
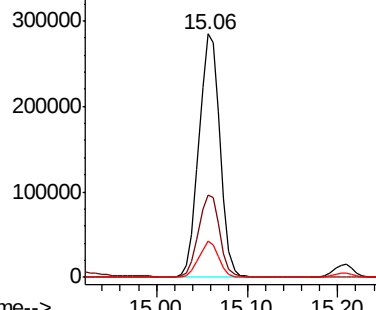


Abundance

Ion 168.00 (167.70 to 168.70): E

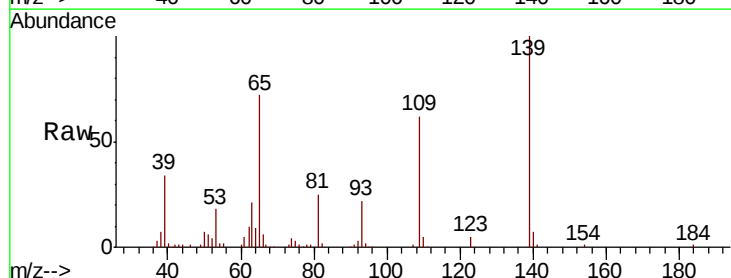
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.262 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	43.9	83.9
65	71.7	56.3	96.3

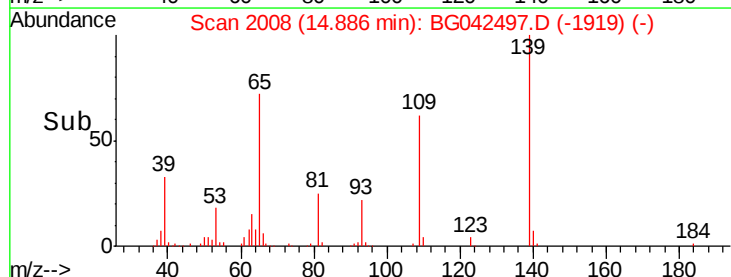
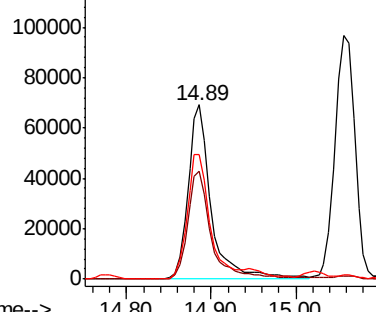


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





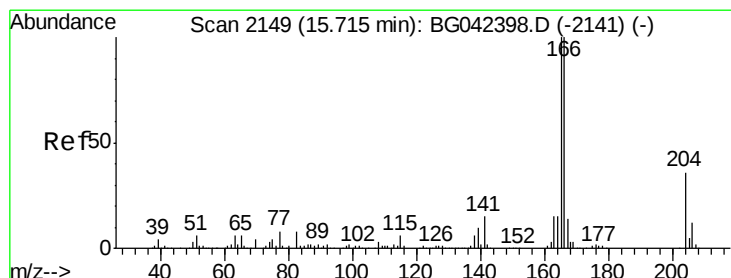
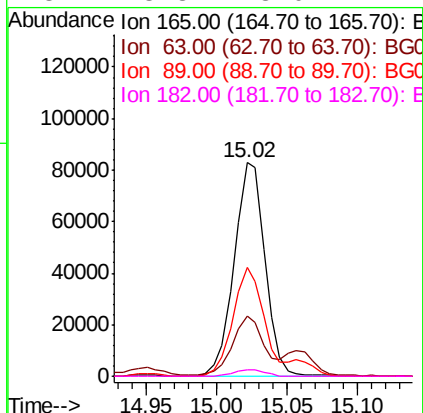
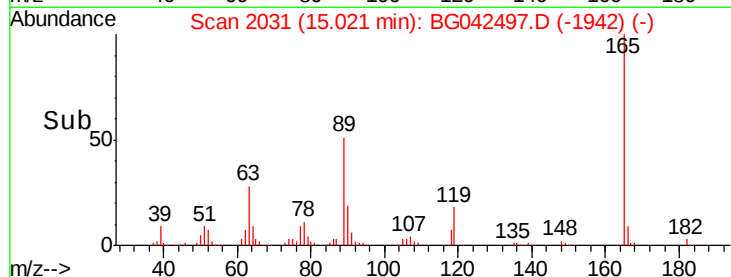
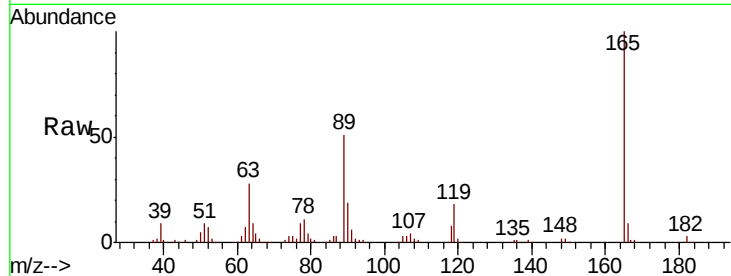
#57
2,4-Dinitrotoluene
Concen: 37.830 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126019		
63	28.1		22.5	33.7
89	51.0		37.8	56.6
182	3.3		3.0	4.4

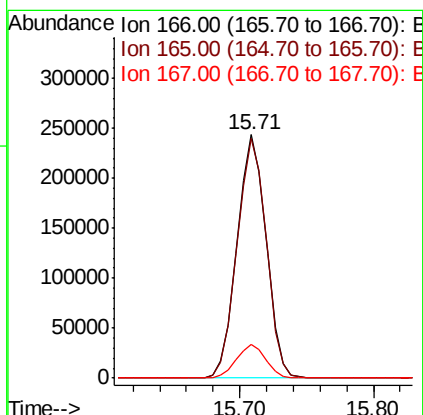
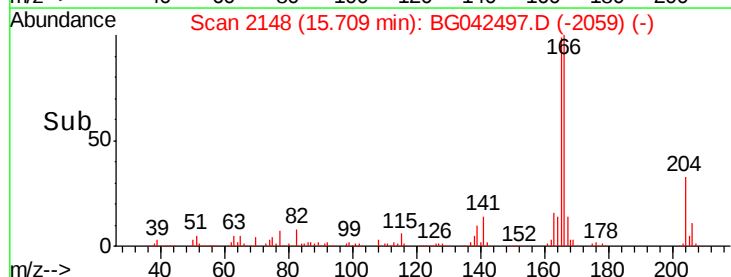
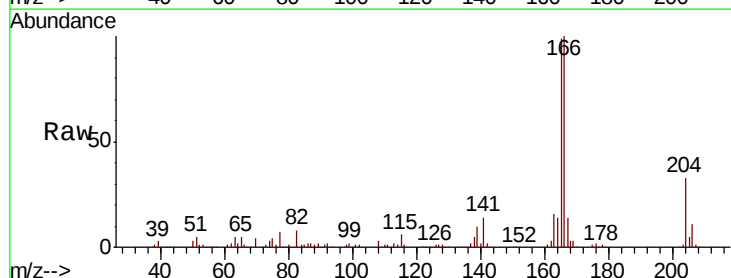
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#58
Fluorene
Concen: 38.375 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	367754		
165	98.5		79.7	119.5
167	14.0		10.9	16.3





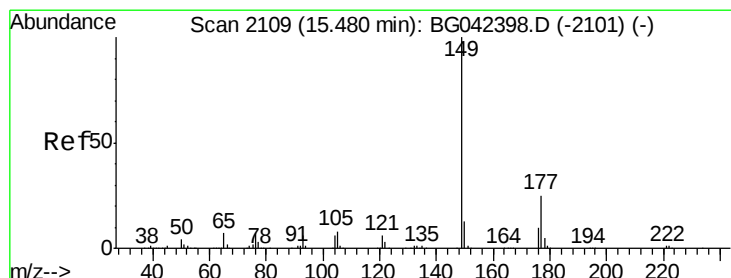
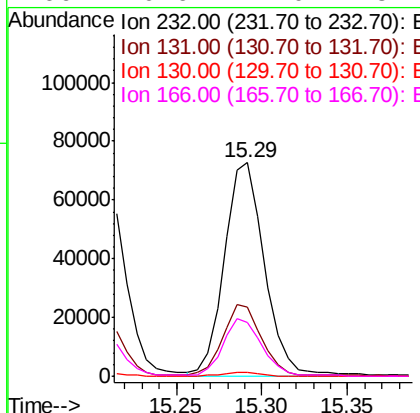
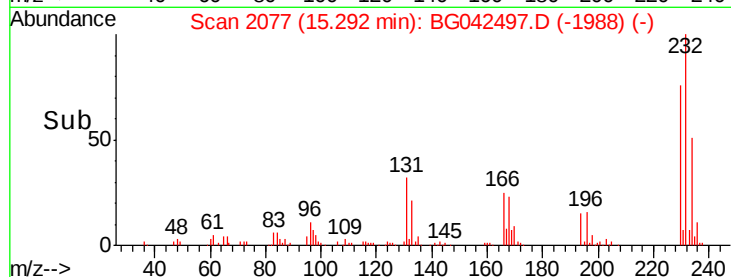
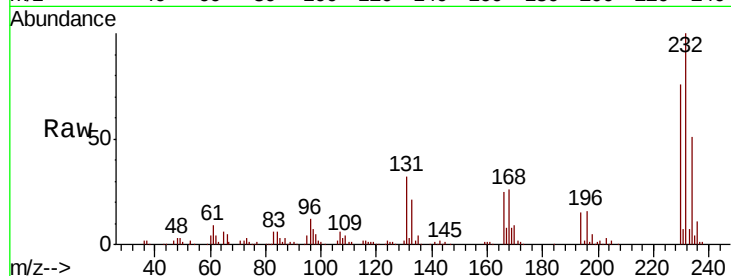
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.280 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion:	232	Resp:	118443
Ion Ratio	Lower	Upper	
232	100		
131	28.4	22.9	34.3
130	1.7	1.4	2.0
166	20.6	17.0	25.4

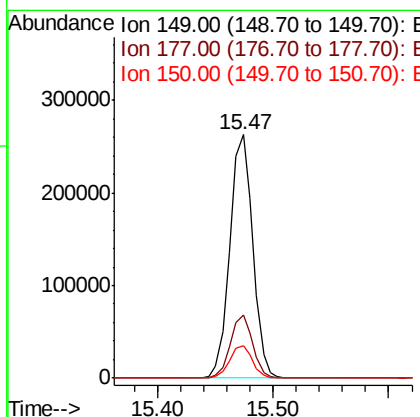
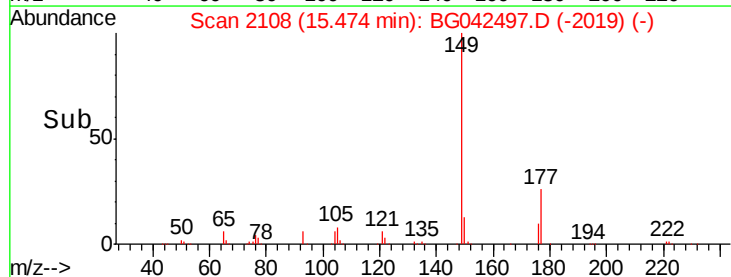
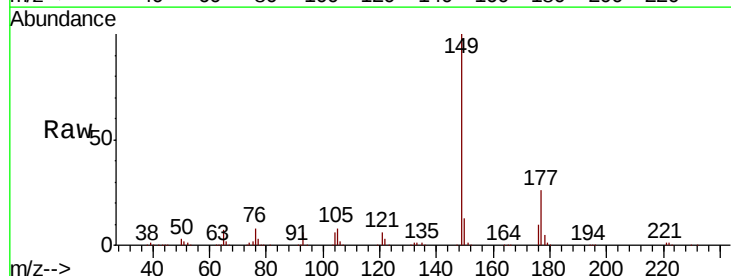
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#60
 Diethylphthalate
 Concen: 36.797 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion:	149	Resp:	361007
Ion Ratio	Lower	Upper	
149	100		
177	25.8	20.4	30.6
150	13.1	10.3	15.5





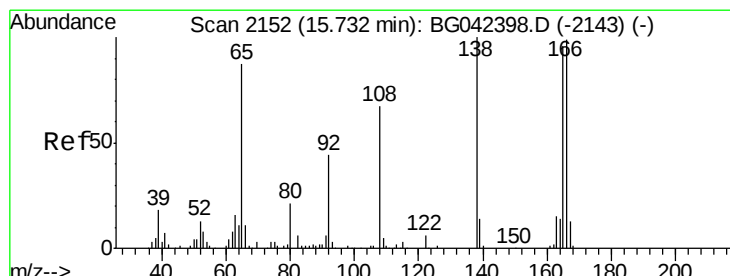
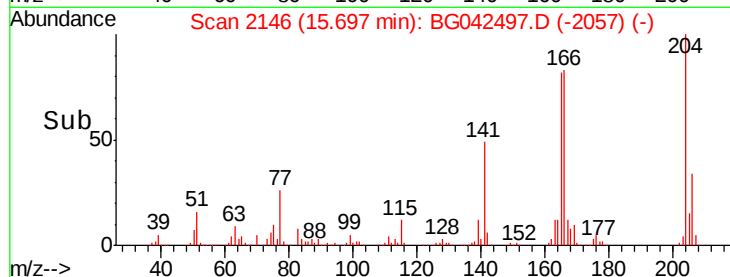
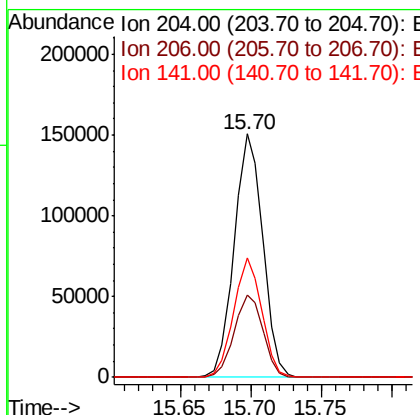
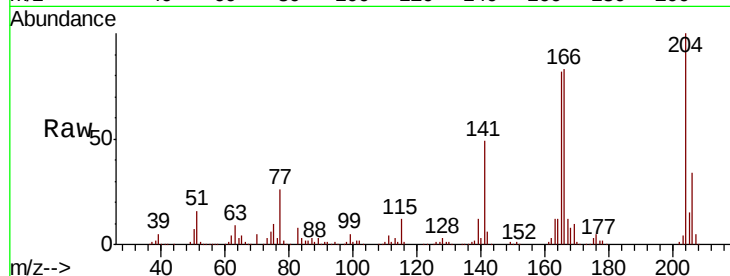
#61
 4-Chlorophenyl-phenylether
 Concen: 36.778 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.2	40.8
141	49.1	38.7	58.1

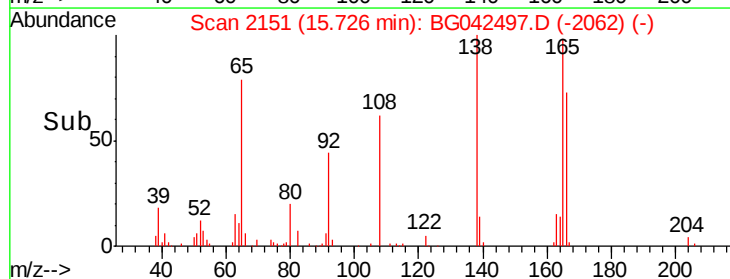
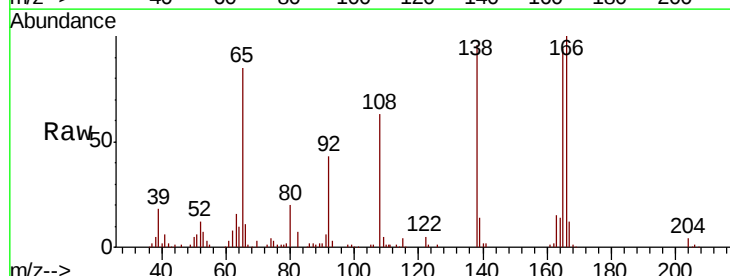
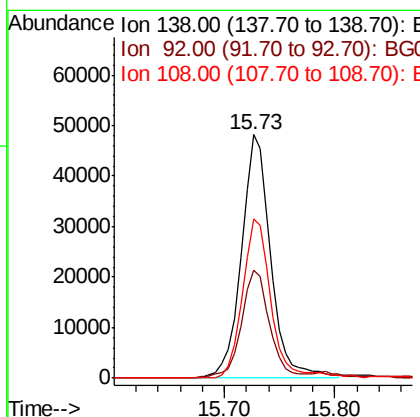
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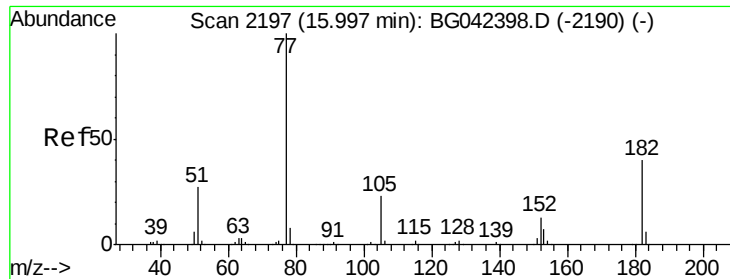
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#62
 4-Nitroaniline
 Concen: 35.970 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.2	64.2
108	65.6	46.8	86.8





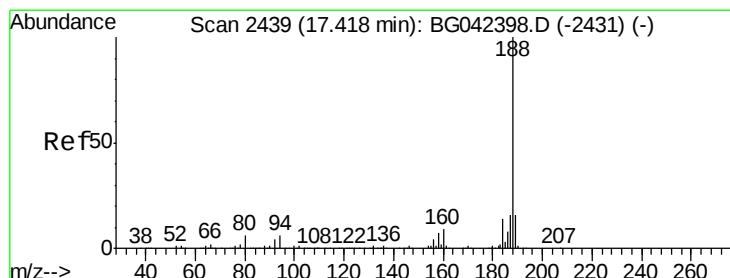
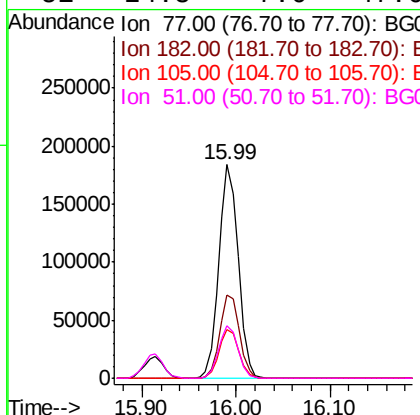
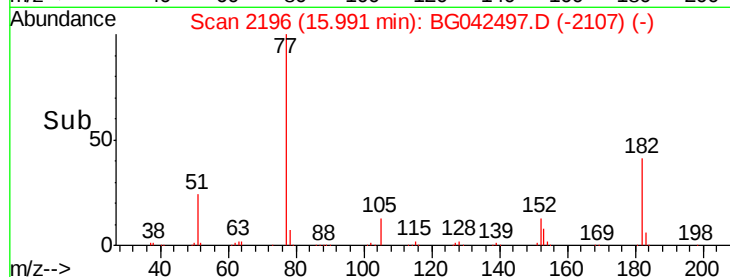
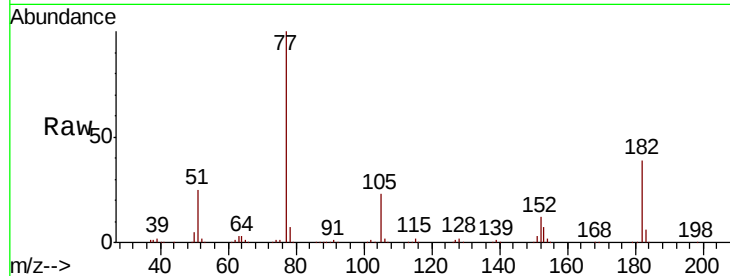
#63
Azobenzene
Concen: 39.574 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		266040		
182	38.9	19.9	59.9		
105	23.0	2.9	42.9		
51	24.8	7.6	47.6		

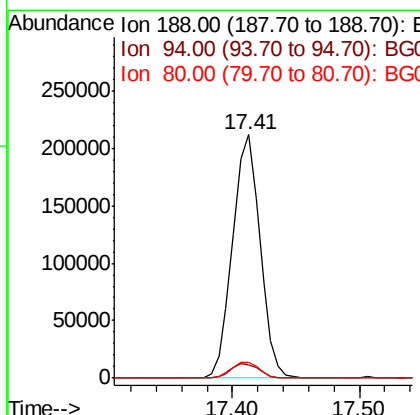
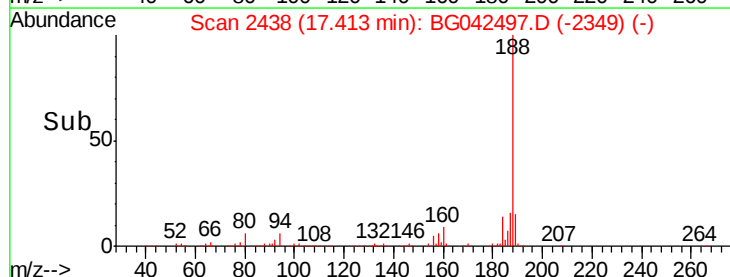
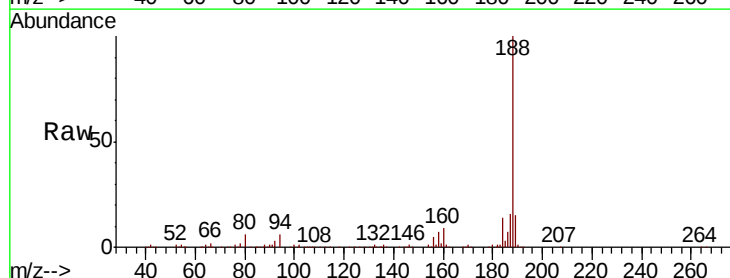
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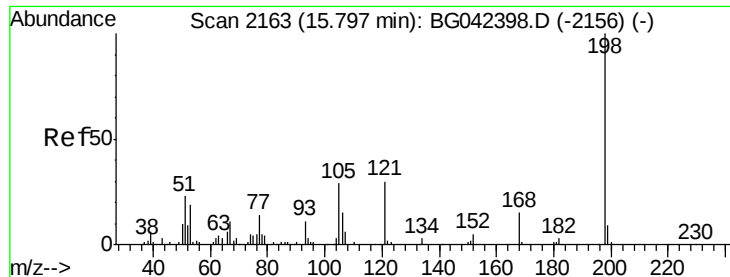
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		317549		
94	5.5	4.5	6.7		
80	6.4	4.9	7.3		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.635 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

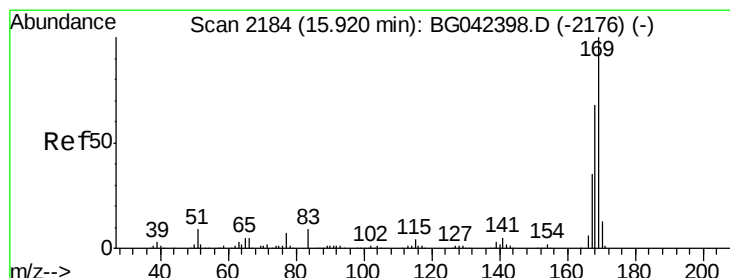
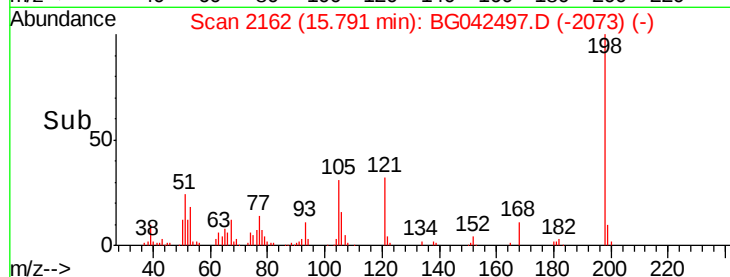
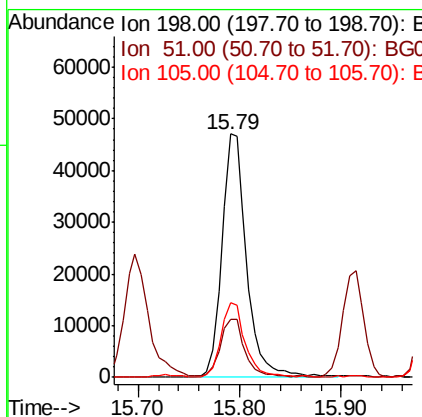
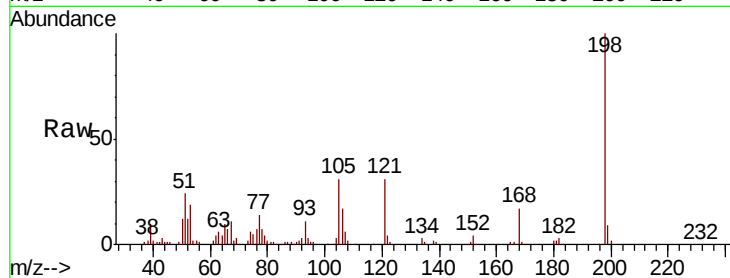
ClientSampleId :

PB122444BS

Tot Ion:	198	Resp:	78909
Ion Ratio	Lower	Upper	
198	100		
51	23.9	4.2	44.2
105	30.9	8.8	48.8

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.059 ng

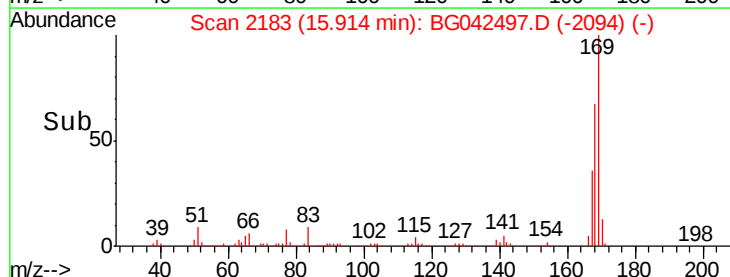
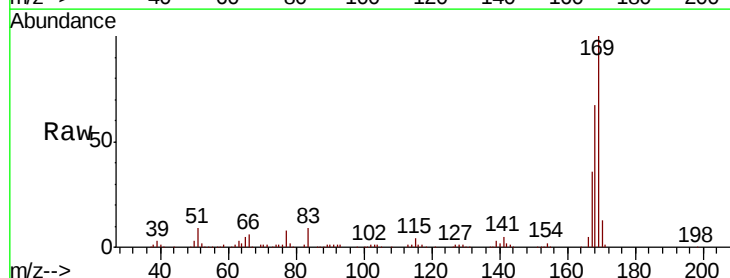
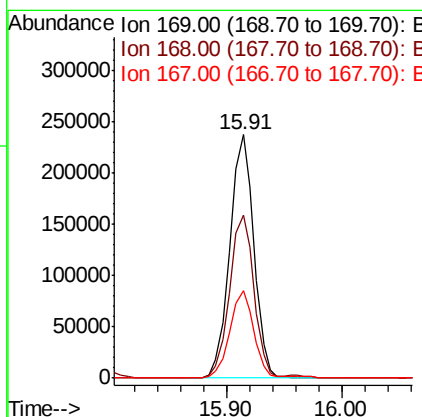
RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	169	Resp:	341097
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.3	81.5
167	36.1	28.2	42.2





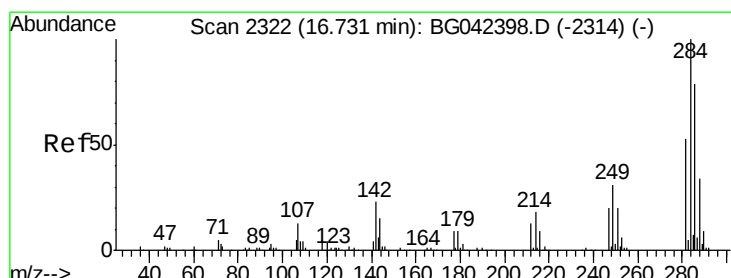
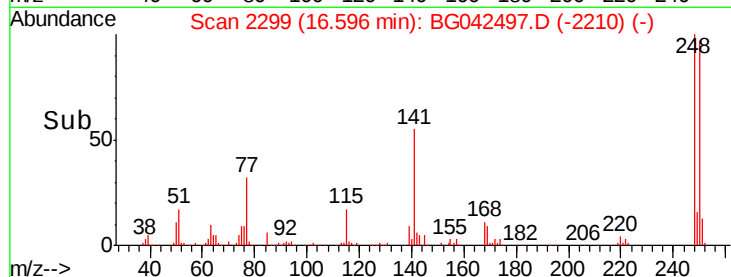
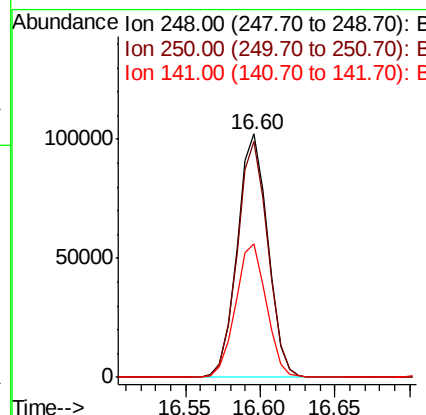
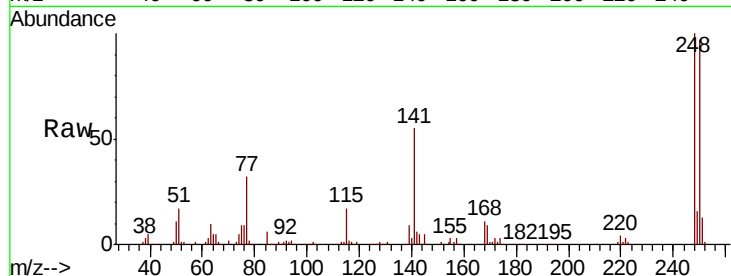
#67
 4-Bromophenyl-phenylether
 Concen: 36.196 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampled :
 PB122444BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.9	118.3
141	54.9	43.3	64.9

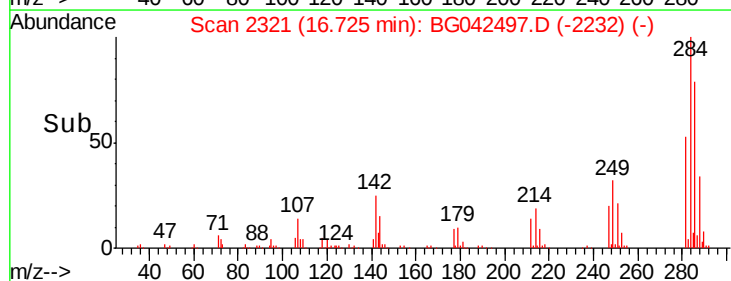
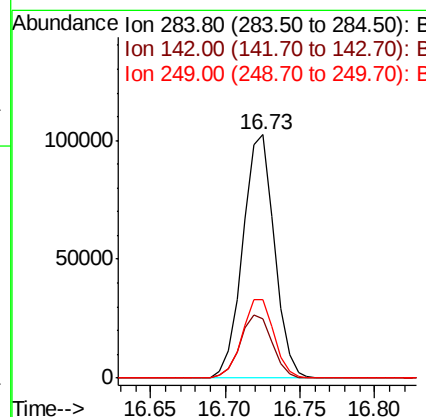
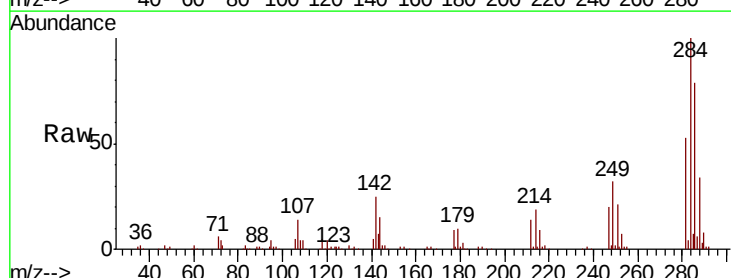
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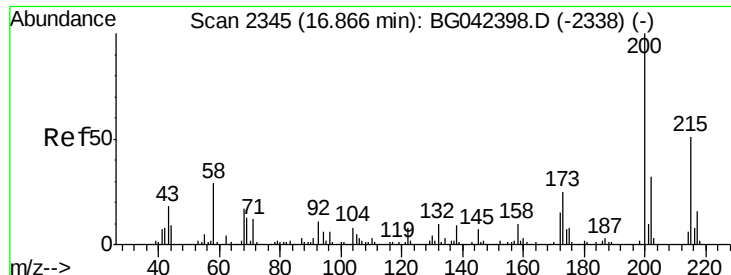
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#68
 Hexachlorobenzene
 Concen: 34.292 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	18.2	27.4
249	32.2	25.0	37.4





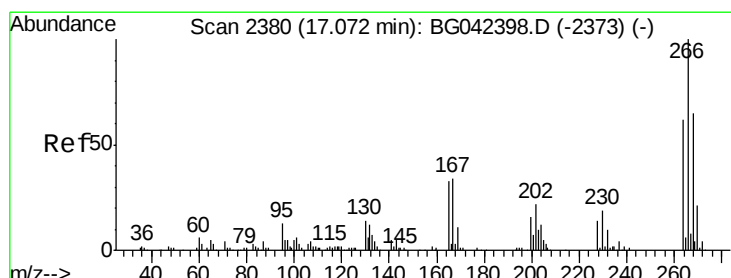
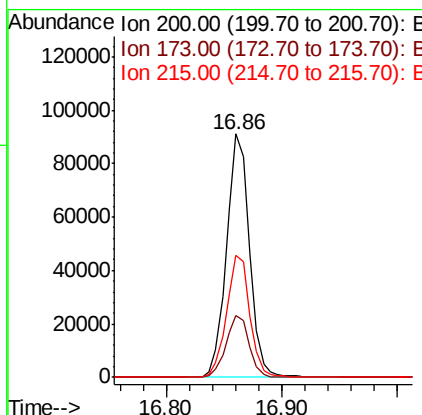
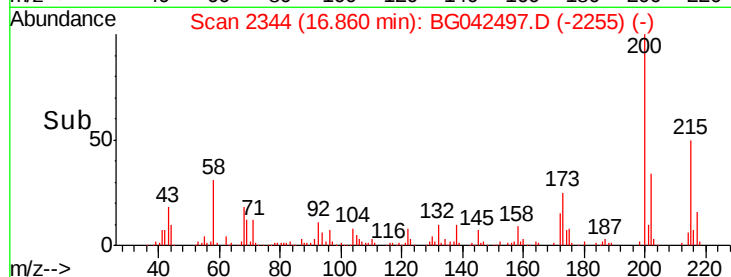
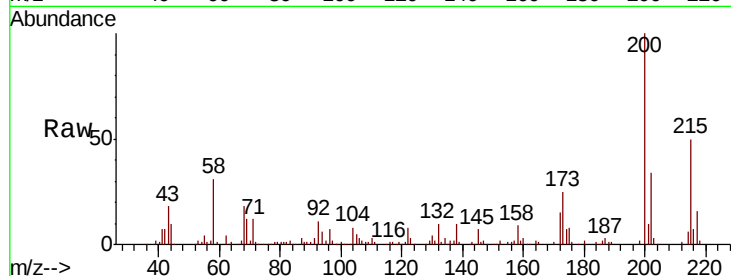
#69
 Atrazine
 Concen: 40.502 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.4	4.9	44.9
215	50.1	30.7	70.7

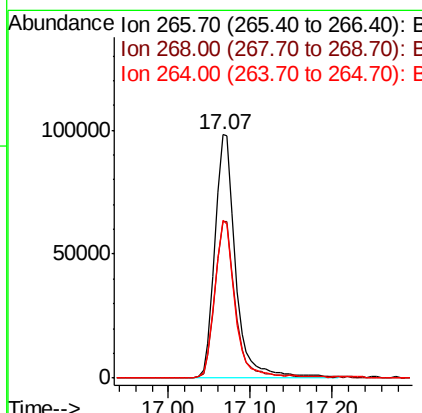
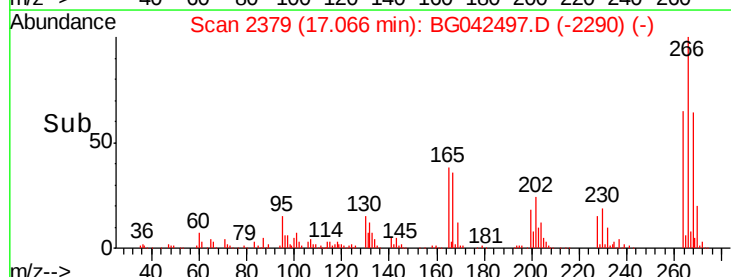
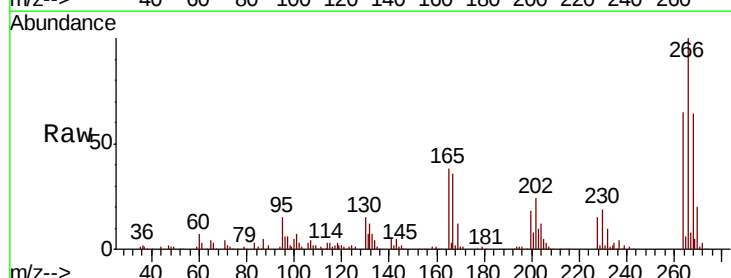
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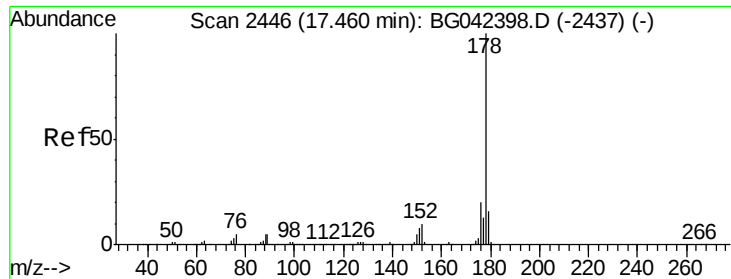
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#70
 Pentachlorophenol
 Concen: 77.360 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	52.1	78.1
264	64.6	49.4	74.2





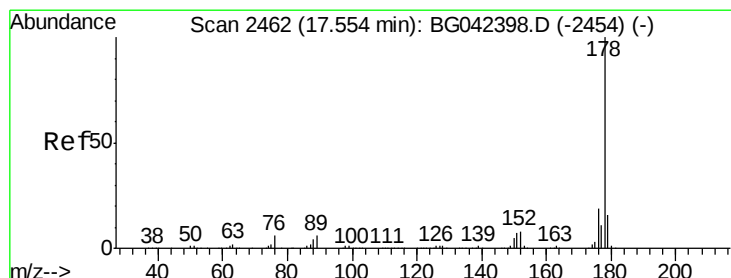
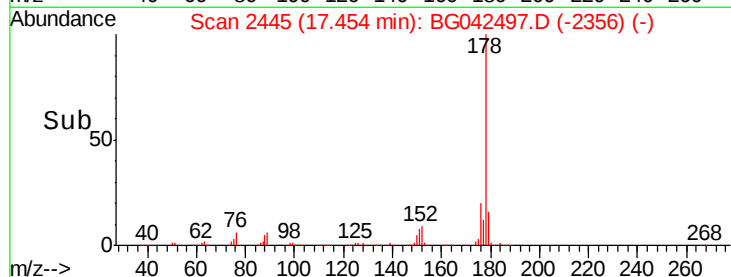
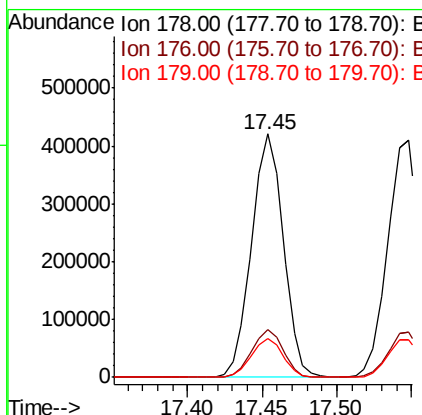
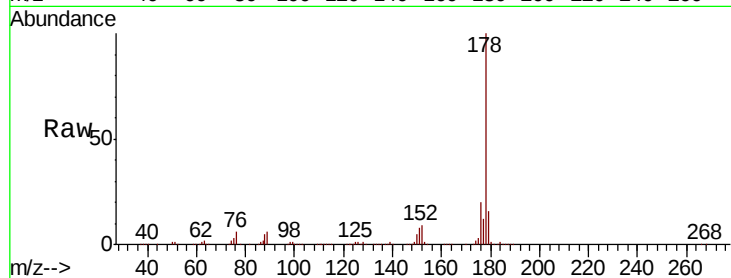
#71
Phenanthrene
Concen: 39.288 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.0	12.7	19.1

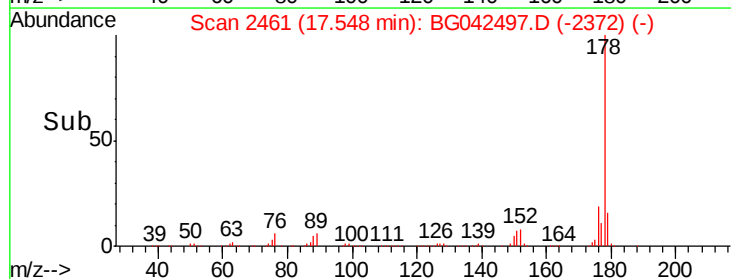
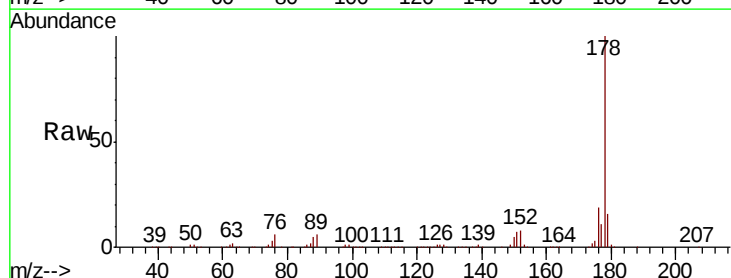
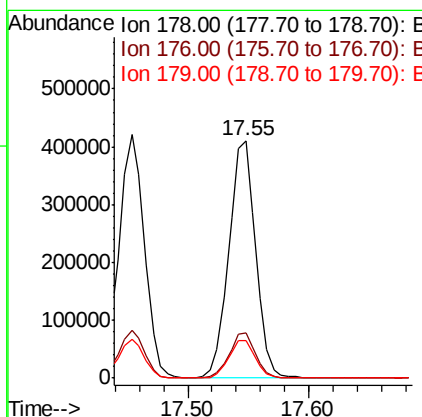
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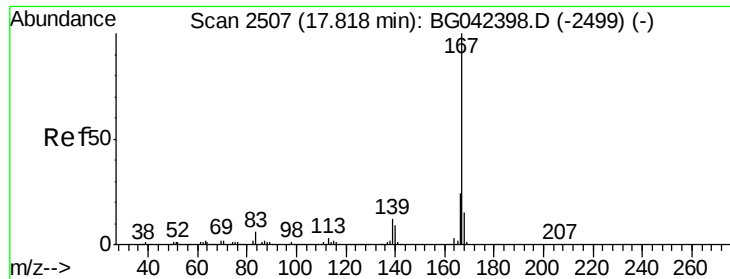
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#72
Anthracene
Concen: 40.017 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	16.0	12.9	19.3





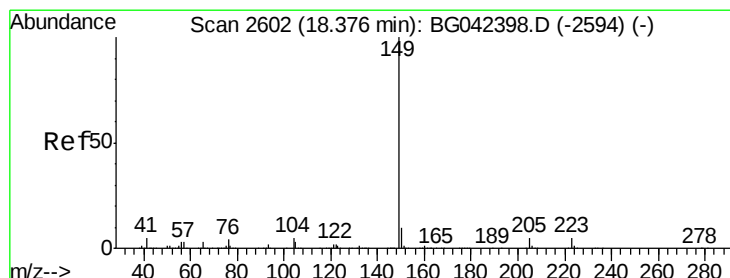
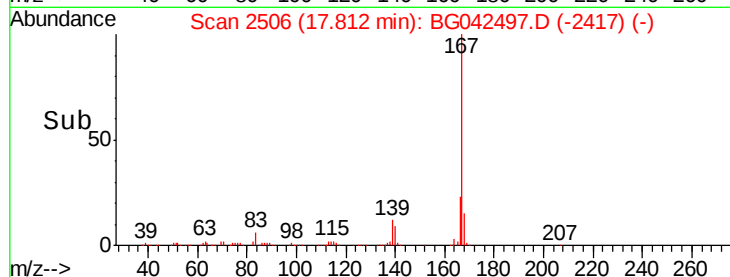
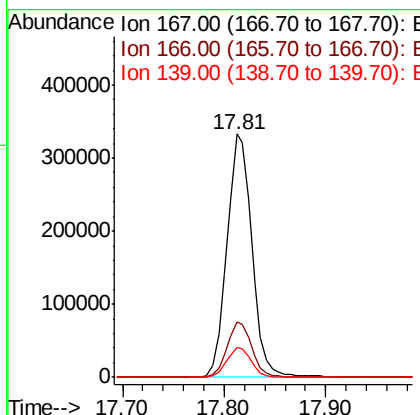
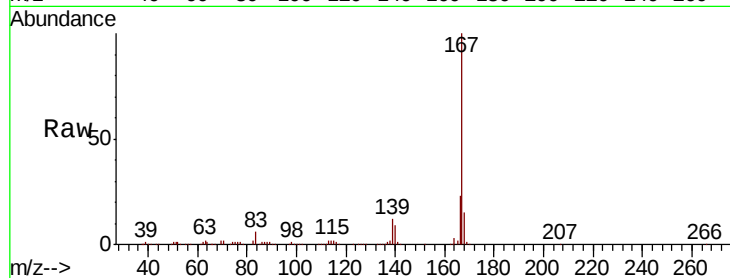
#73
 Carbazole
 Concen: 40.463 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	567852		
166	22.9		18.9	28.3
139	12.1		9.8	14.6

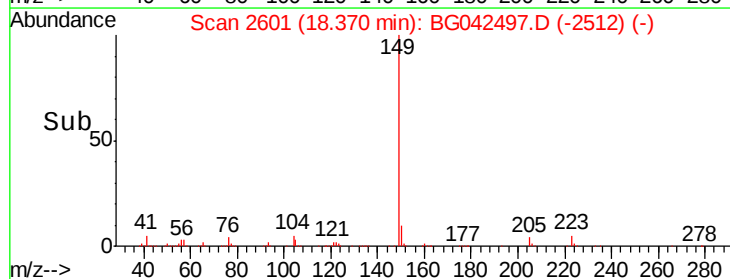
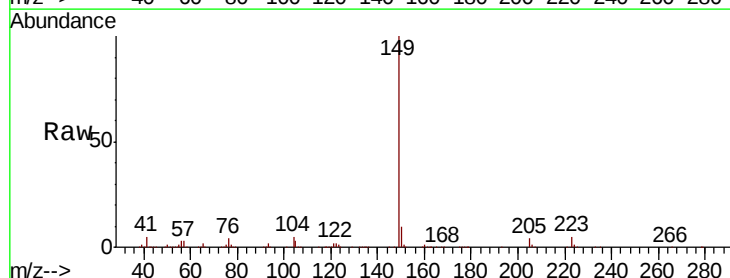
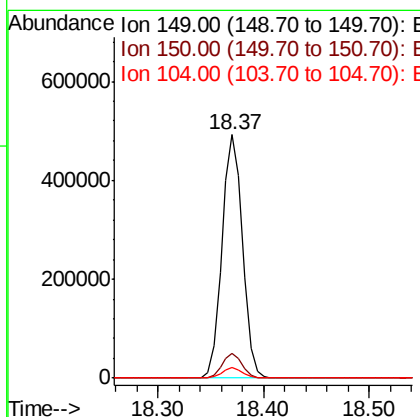
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#74
 Di-n-butylphthalate
 Concen: 40.087 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	665007		
150	9.9		8.1	12.1
104	4.6		3.7	5.5





#75

Fluoranthene

Concen: 42.023 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

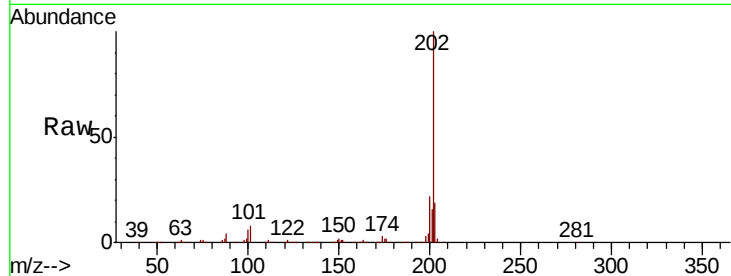
ClientSampleId :

PB122444BS

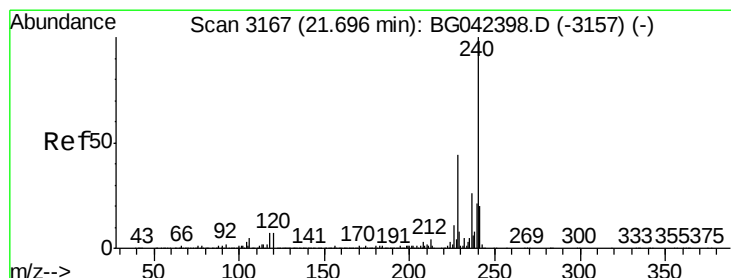
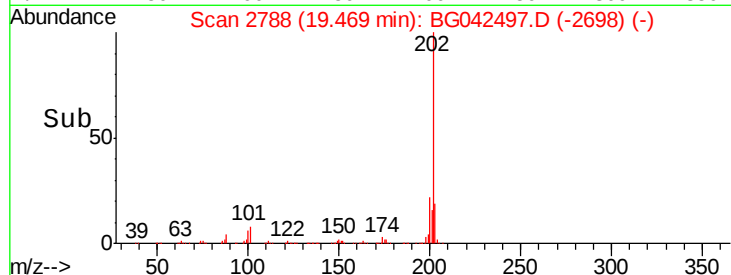
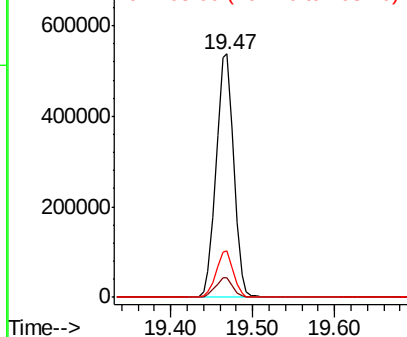
Tot Ion	Ratio	Resp	Lower	Upper
202	100	808953		
101	8.0	0.0	28.3	
203	19.0	0.0	39.6	

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



#76

Chrysene-d12

Concen: 20.000 ng

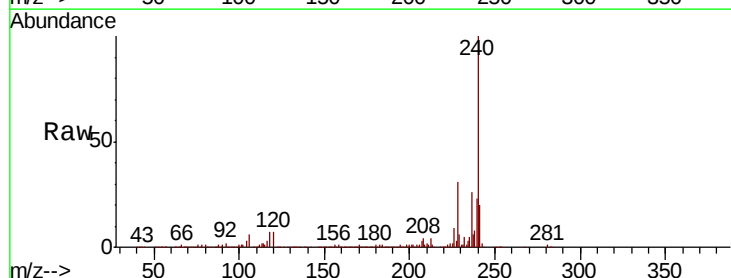
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

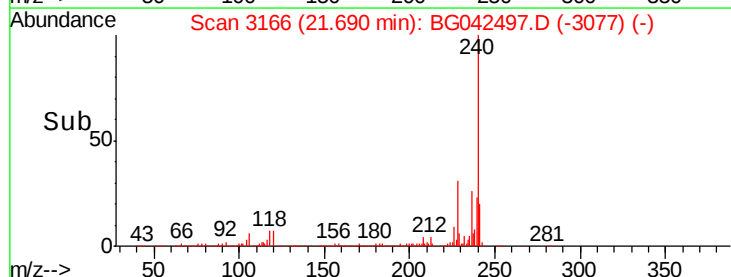
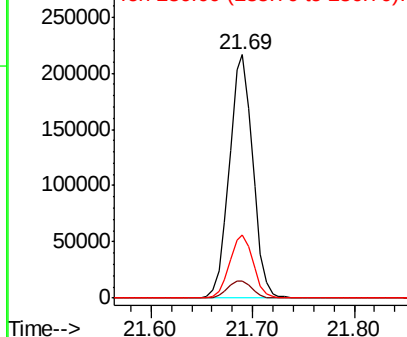
Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346636		
120	7.0	5.7	8.5	
236	25.8	21.0	31.4	



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





#77

Benzidine

Concen: 35.517 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

ClientSampled :

PB122444BS

Tot Ion:184 Resp: 352972

Ion Ratio Lower Upper

184 100

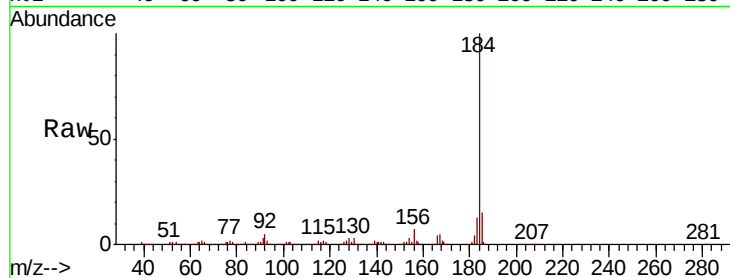
185 15.2 12.2 18.4

183 12.7 10.8 16.2

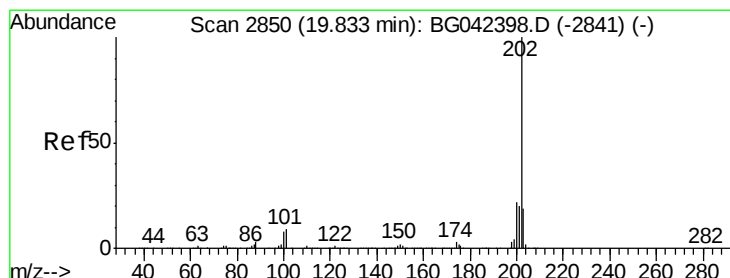
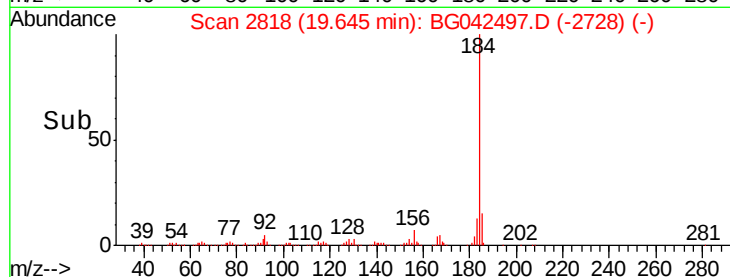
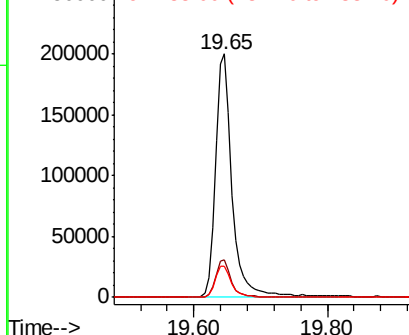
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.630 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

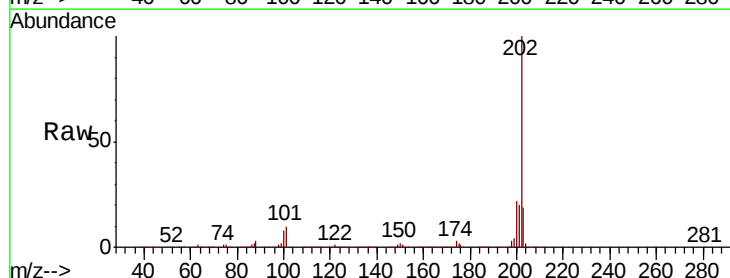
Tgt Ion:202 Resp: 820974

Ion Ratio Lower Upper

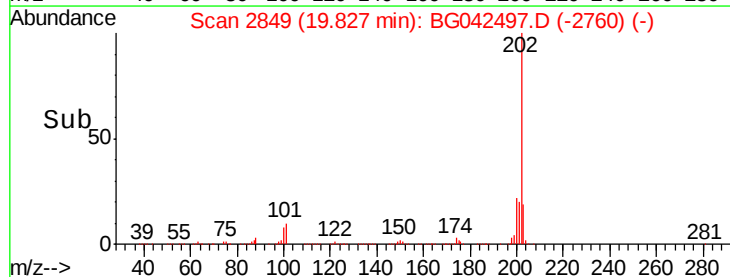
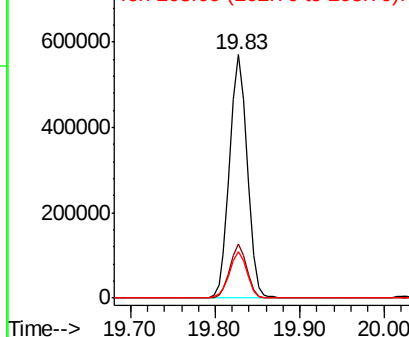
202 100

200 22.1 17.8 26.6

203 18.9 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





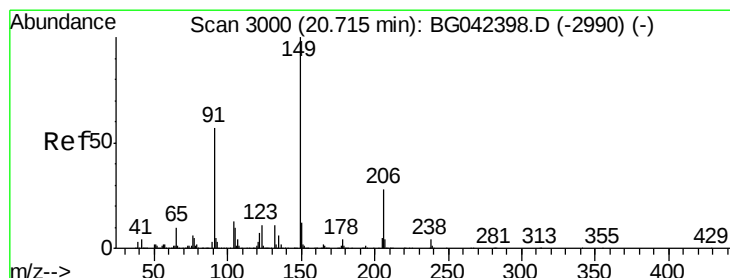
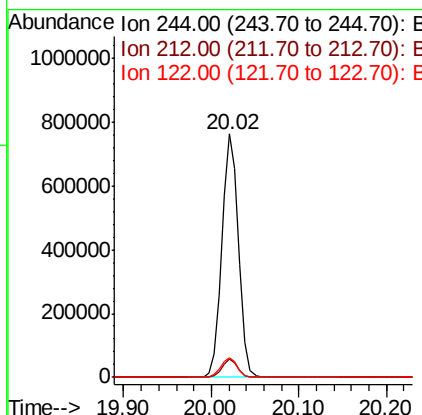
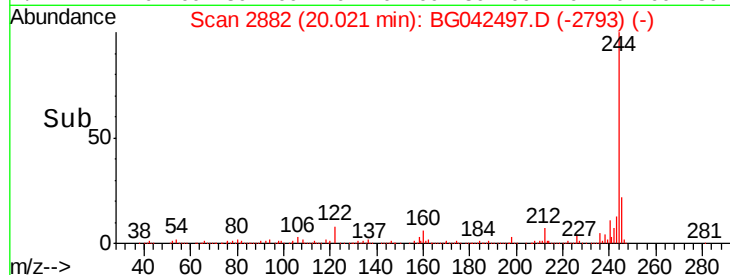
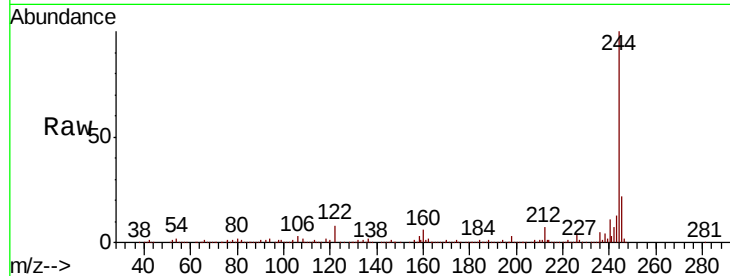
#79
 Terphenyl-d14
 Concen: 62.552 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB122444BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.3	6.7	10.1

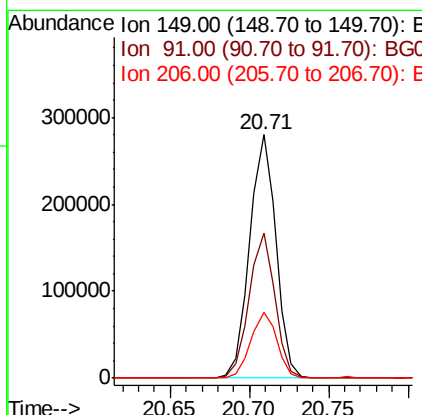
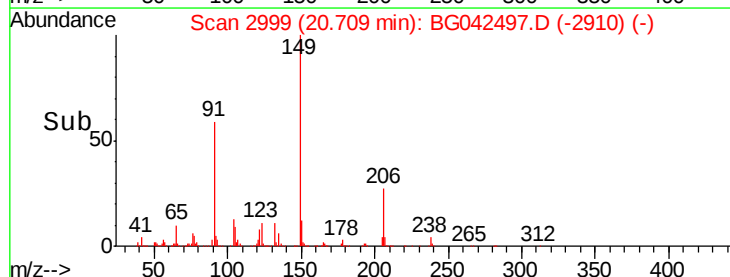
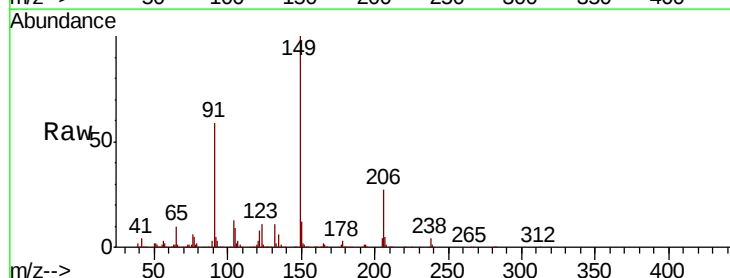
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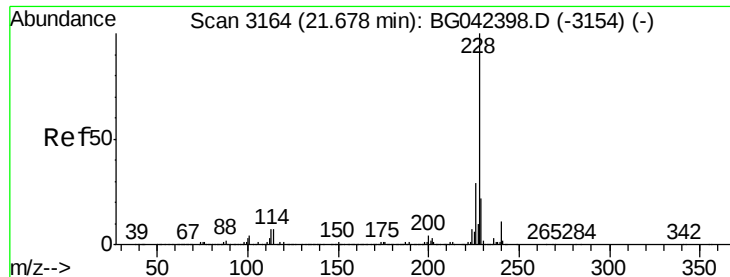
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#80
 Butylbenzylphthalate
 Concen: 38.674 ng
 RT: 20.71 min Scan# 2999
 Delta R.T. -0.01 min
 Lab File: BG042497.D
 Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	59.5	45.9	68.9
206	26.8	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.102 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

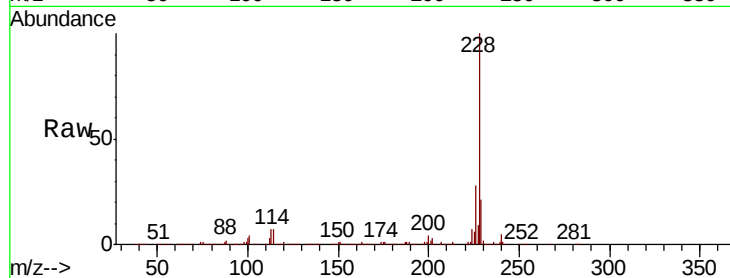
ClientSampleId :

PB122444BS

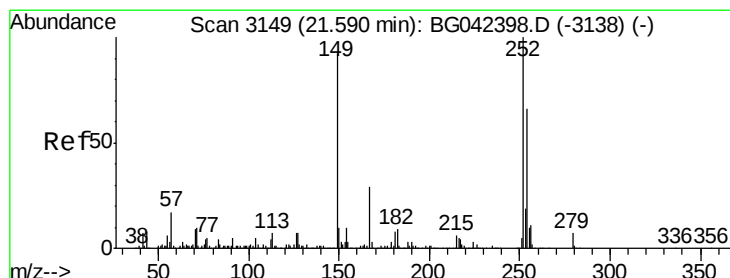
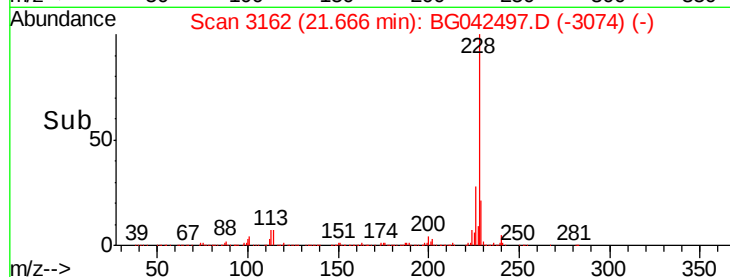
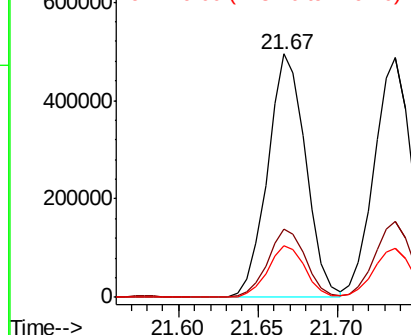
Tot Ion:	228	Resp:	824521
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.4	35.2
229	21.0	17.4	26.2

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



#82

3,3'-Dichlorobenzidine

Concen: 33.192 ng

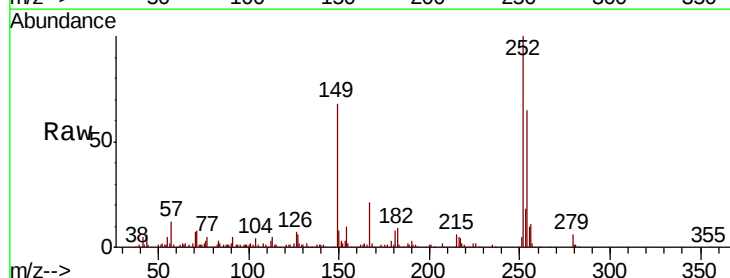
RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

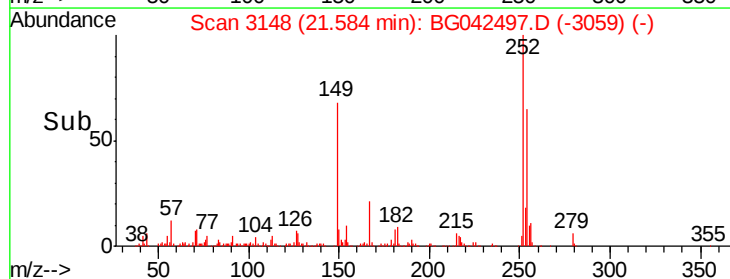
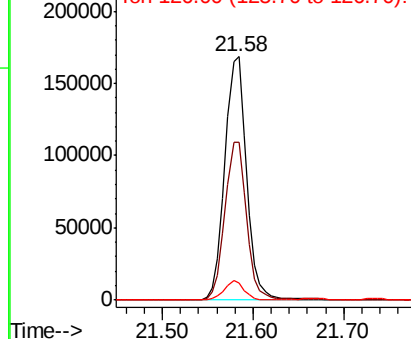
Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Tgt Ion:	252	Resp:	281488
Ion Ratio	Lower	Upper	
252	100		
254	64.6	53.0	79.4
126	7.0	5.7	8.5



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





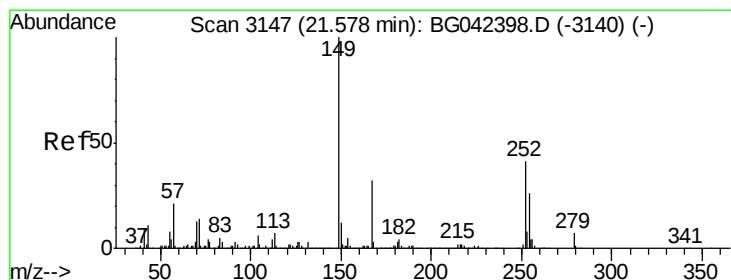
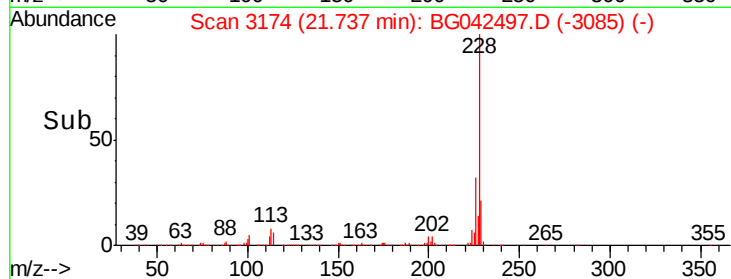
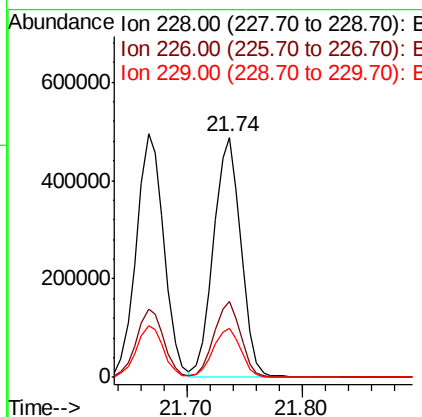
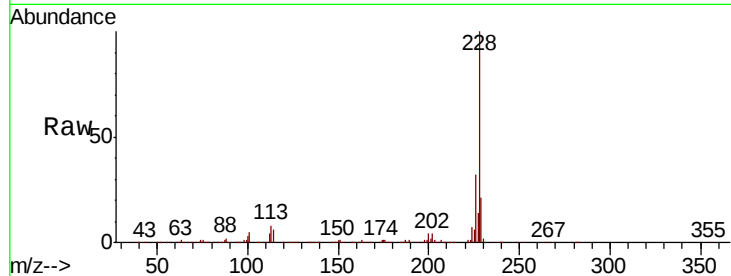
#83
Chrysene
Concen: 39.313 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.6	16.9	25.3

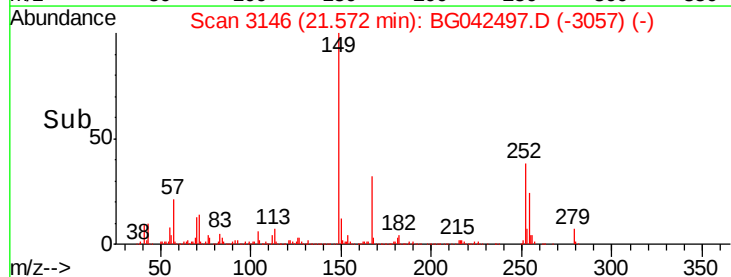
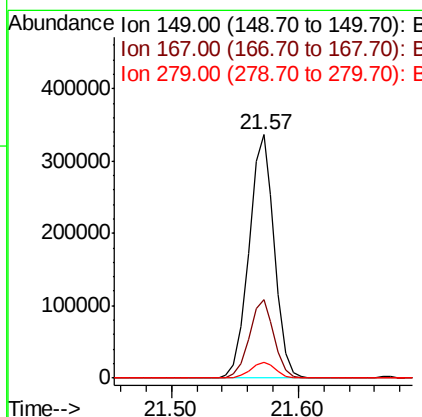
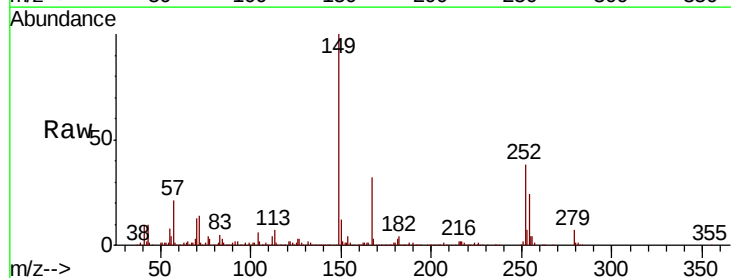
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.966 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	26.0	39.0
279	6.6	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 40.720 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042497.D

Acq: 26 Aug 2019 13:07

Instrument :

BNA_G

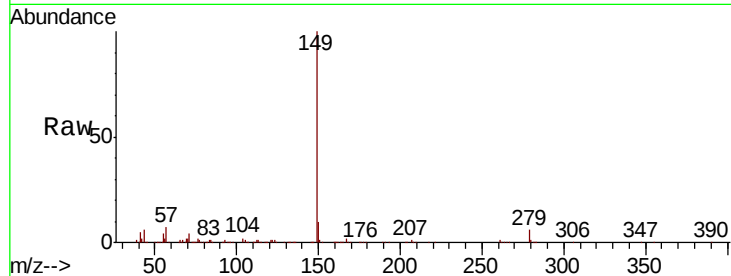
ClientSampleId :

PB122444BS

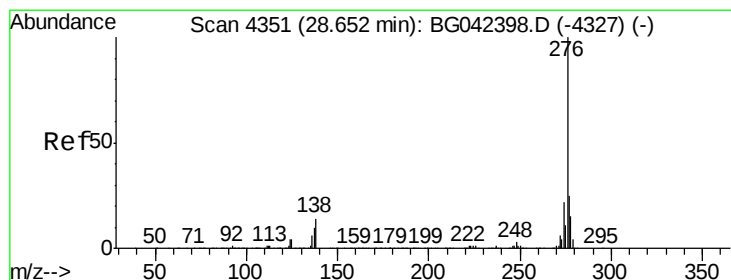
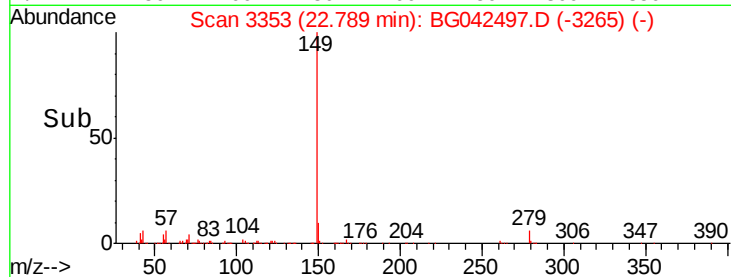
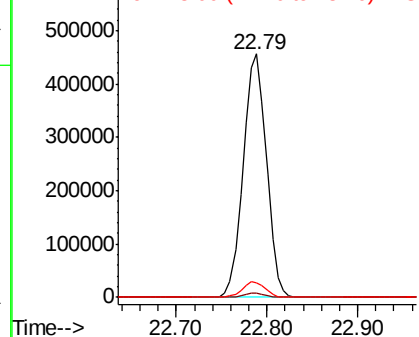
Tot Ion:	149	Resp:	812824
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.6	2.4
43	6.2	5.3	7.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.990 ng

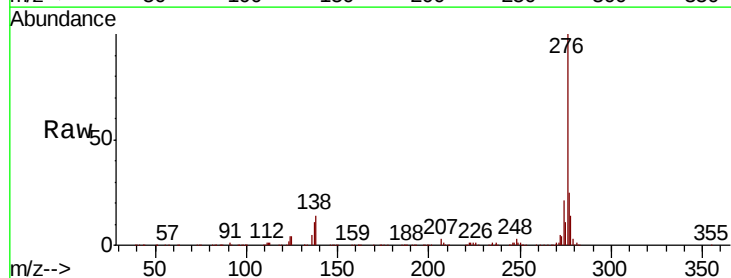
RT: 28.63 min Scan# 4348

Delta R.T. -0.02 min

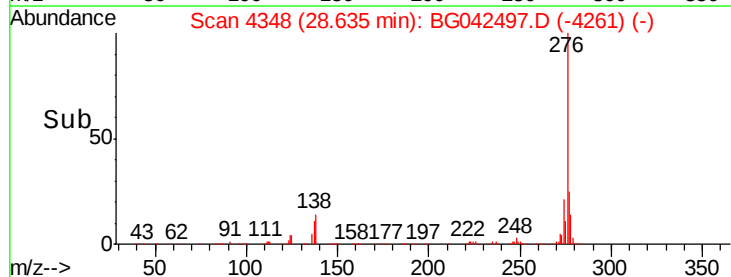
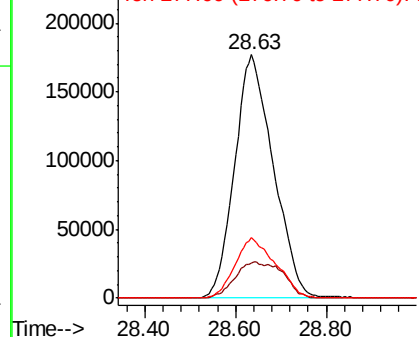
Lab File: BG042497.D

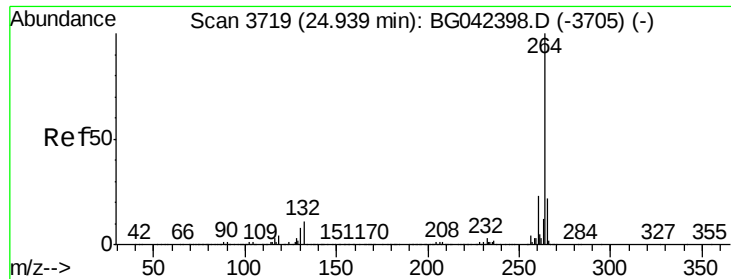
Acq: 26 Aug 2019 13:07

Tgt Ion:	276	Resp:	1049901
Ion Ratio	Lower	Upper	
276	100		
138	18.5	9.2	13.8#
277	26.0	21.0	31.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





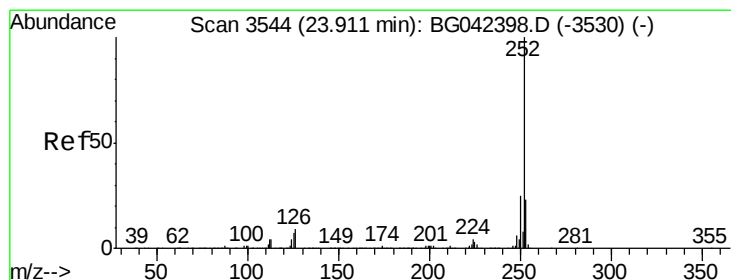
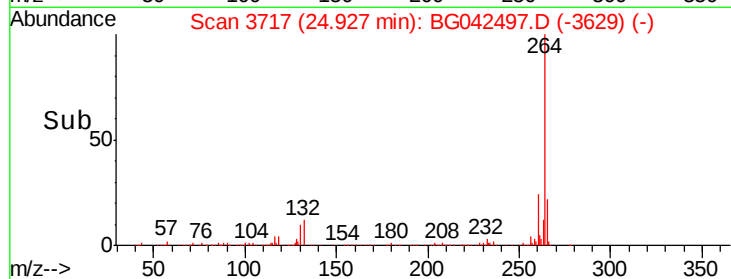
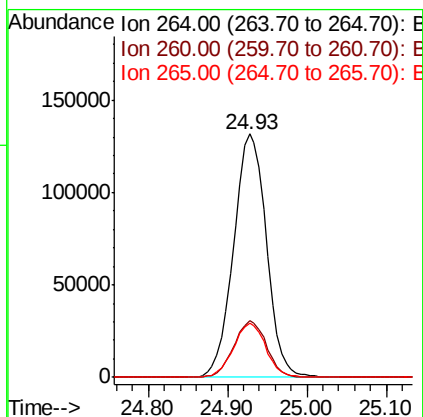
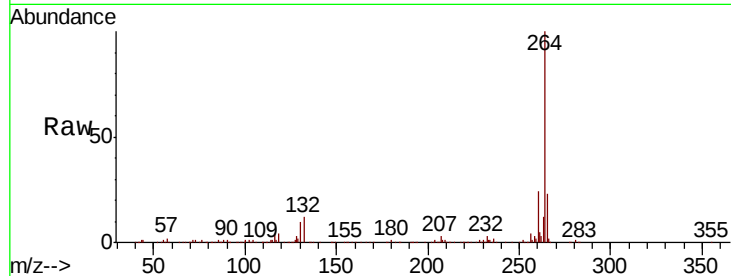
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.5	17.6	26.4

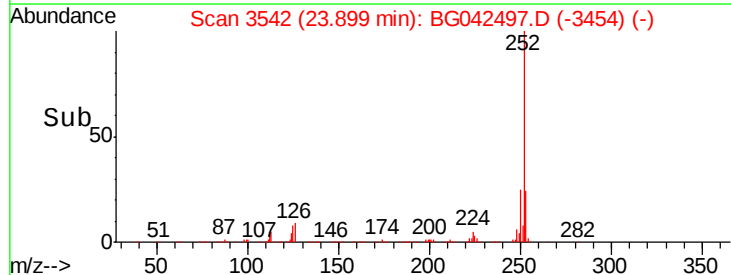
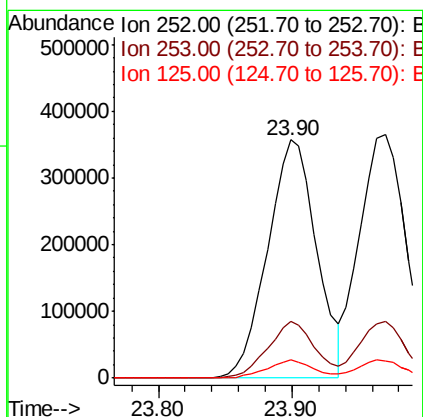
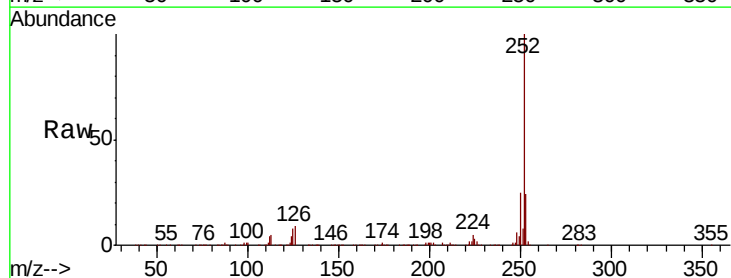
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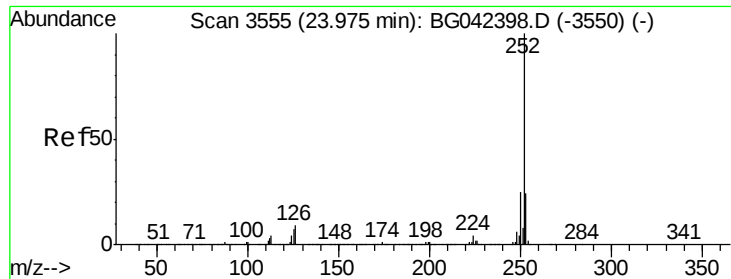
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#88
Benzo(b)fluoranthene
Concen: 43.767 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	7.7	5.6	8.4





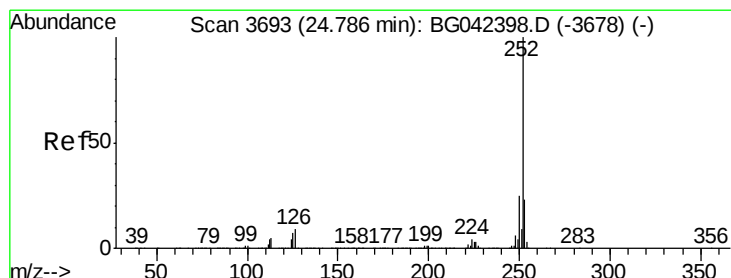
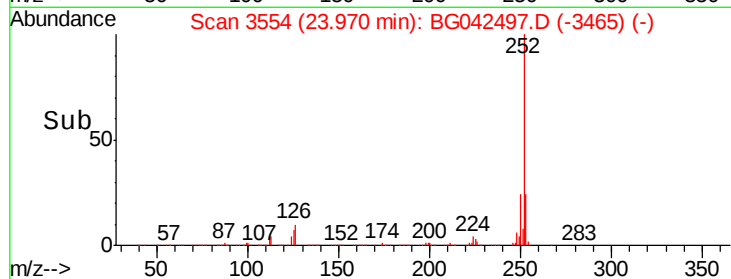
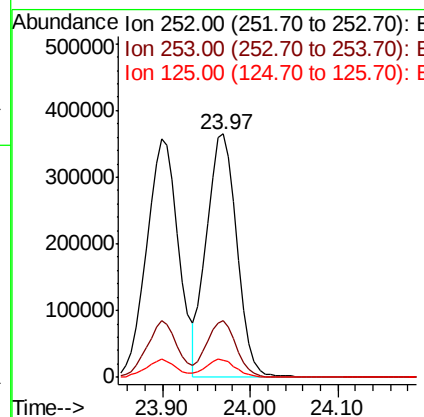
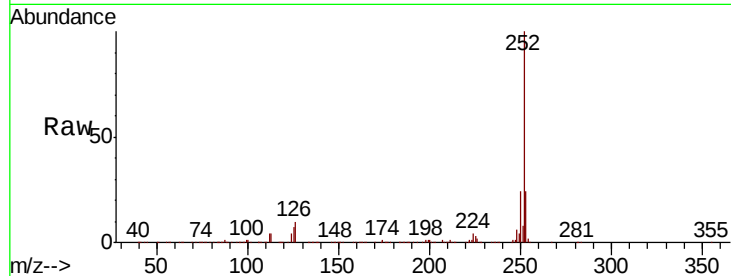
#89
Benzo(k)fluoranthene
Concen: 44.087 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	27.8
125	7.2	5.8	8.6

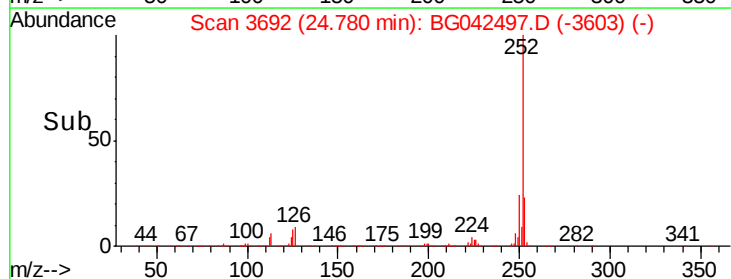
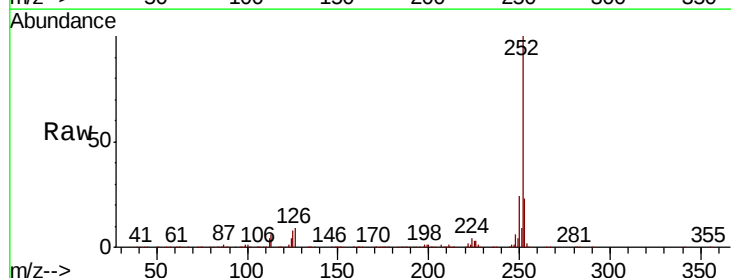
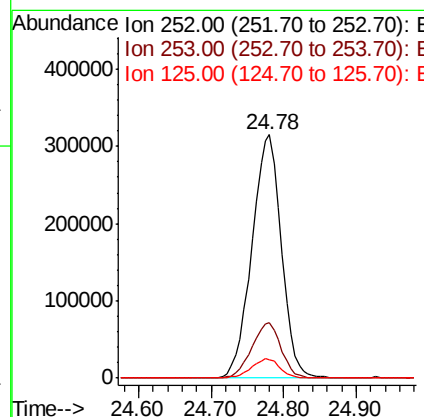
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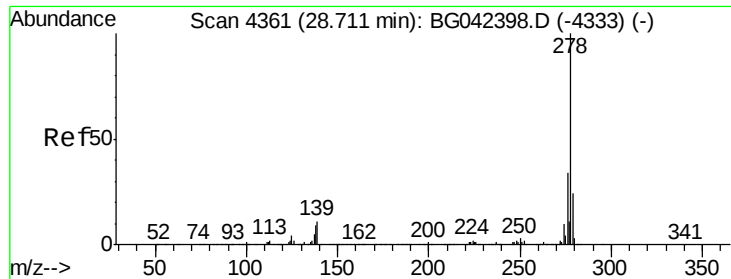
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#90
Benzo(a)pyrene
Concen: 44.990 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	7.8	6.0	9.0





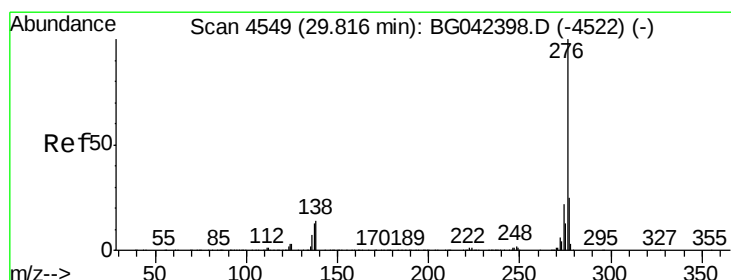
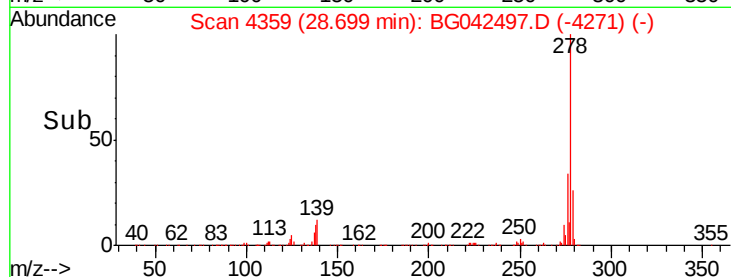
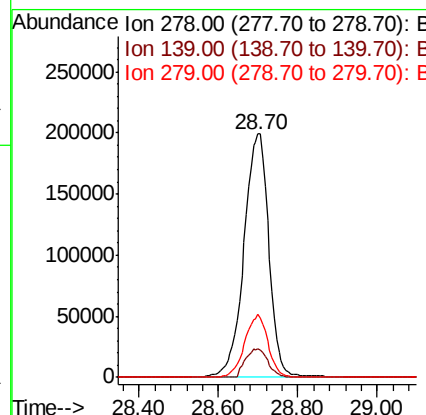
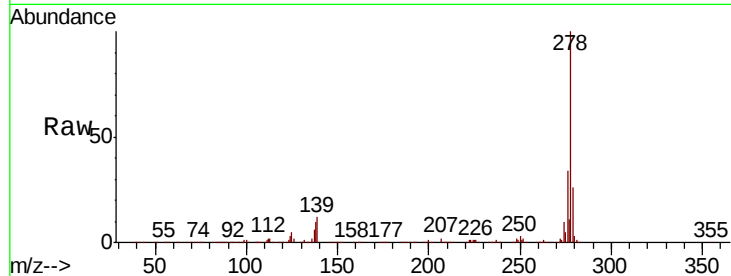
#91
Dibenzo(a,h)anthracene
Concen: 43.527 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB122444BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.8	13.2
279	25.7	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 43.819 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042497.D
Acq: 26 Aug 2019 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	16.4	11.4	17.0

