

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042532.D
 Acq On : 28 Aug 2019 14:38
 Operator : HP/JU
 Sample : PB122619BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Manual Integrations
 APPROVED

Jagrut
 8/29/2019 7:48:29 PM

Quant Time: Aug 28 15:48:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36495	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	147861	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	110734	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	260985	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277477	20.00	ng	0.00
87) Perylene-d12	24.93	264	324902	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	232269	128.90	ng	0.00
7) Phenol-d6	7.17	99	291036	119.57	ng	0.00
23) Nitrobenzene-d5	9.16	82	149841	70.03	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	186489	118.49	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	487700	74.49	ng	0.00
79) Terphenyl-d14	20.02	244	957340	74.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	32855	43.691	ng	99
3) Pyridine	3.82	79	71532	37.096	ng	96
4) n-Nitrosodimethylamine	3.73	42	30823	44.754	ng	97
6) Aniline	7.32	93	104289	32.124	ng	97
8) 2-Chlorophenol	7.57	128	104818	47.997	ng	99
9) Benzaldehyde	7.13	77	61059	50.106	ng	96
10) Phenol	7.20	94	115290	46.586	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	83026	42.717	ng	97
12) 1,3-Dichlorobenzene	7.89	146	117815	42.408	ng	99
13) 1,4-Dichlorobenzene	8.04	146	121713	43.252	ng	99
14) 1,2-Dichlorobenzene	8.36	146	114257	42.398	ng	98
15) Benzyl Alcohol	8.24	79	78138	44.621	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	105755	40.145	ng	98
17) 2-Methylphenol	8.45	107	82104	45.042	ng	99
18) Hexachloroethane	9.09	117	40450	41.988	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	63057	39.988	ng	94
20) 3+4-Methylphenols	8.78	107	113027	44.811	ng	98
22) Acetophenone	8.82	105	141942	44.883	ng	98
24) Nitrobenzene	9.20	77	95078	43.881	ng	97
25) Isophorone	9.73	82	177433	42.019	ng	99
26) 2-Nitrophenol	9.93	139	61421	45.235	ng	98
27) 2,4-Dimethylphenol	9.99	122	98011	52.401	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	113290	42.566	ng	96
29) 2,4-Dichlorophenol	10.47	162	117518	48.023	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	129942	43.260	ng	98
31) Naphthalene	10.87	128	304870	44.411	ng	99
32) Benzoic acid	10.14	122	49404	38.370	ng	99
33) 4-Chloroaniline	10.98	127	80780	25.491	ng	97
34) Hexachlorobutadiene	11.16	225	85178	42.195	ng	98
35) Caprolactam	11.75	113	34751m	42.558	ng	
36) 4-Chloro-3-methylphenol	12.11	107	105781	45.535	ng	99
37) 2-Methylnaphthalene	12.48	142	244966	44.441	ng	99
38) 1-Methylnaphthalene	12.70	142	227725	43.494	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159767	44.928	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	190706	102.093	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	107287	44.635	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	115883	46.523	nq	98
46) 1,1'-Biphenyl	13.49	154	325591	45.487	nq	98
47) 2-Chloronaphthalene	13.53	162	266239	43.136	nq	100
48) 2-Nitroaniline	13.73	65	61045	41.015	nq	95
49) Acenaphthylene	14.38	152	421570	45.400	nq	100
50) Dimethylphthalate	14.11	163	344431	43.108	nq	100
51) 2,6-Dinitrotoluene	14.23	165	82291	44.434	nq	98
52) Acenaphthene	14.72	154	245094	43.469	nq	99
53) 3-Nitroaniline	14.56	138	53675	28.979	nq	97
54) 2,4-Dinitrophenol	14.78	184	100600	80.537	nq	94
55) Dibenzofuran	15.06	168	419854	44.985	nq	98
56) 4-Nitrophenol	14.89	139	118538	90.067	nq	95
57) 2,4-Dinitrotoluene	15.03	165	117154	44.175	nq	96
58) Fluorene	15.71	166	339604	44.513	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	114539m	46.498	nq	
60) Diethylphthalate	15.47	149	336597	43.095	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	201381	43.788	nq	99
62) 4-Nitroaniline	15.73	138	83747	42.248	nq	98
63) Azobenzene	15.99	77	230595	43.086	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	77228	47.198	nq	96
66) n-Nitrosodiphenylamine	15.91	169	317473	44.233	nq	100
67) 4-Bromophenyl-phenylether	16.60	248	141316	42.688	nq	98
68) Hexachlorobenzene	16.73	284	148495	41.264	nq	99
69) Atrazine	16.86	200	121822	47.997	nq	98
70) Pentachlorophenol	17.07	266	172790	92.410	nq	97
71) Phenanthrene	17.45	178	579540	44.705	nq	99
72) Anthracene	17.55	178	594307	45.923	nq	100
73) Carbazole	17.82	167	525755	45.583	nq	99
74) Di-n-butylphthalate	18.37	149	607879	44.585	nq	100
75) Fluoranthene	19.46	202	766862	48.471	nq	98
77) Benzidine	19.64	184	340260	42.771	nq	99
78) Pyrene	19.83	202	772330	45.399	nq	99
80) Butylbenzylphthalate	20.71	149	284406	42.505	nq	98
81) Benzo(a)anthracene	21.67	228	748712	44.356	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	212006	31.230	nq	100
83) Chrysene	21.74	228	729300	44.801	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	402129	43.285	nq	99
85) Di-n-octyl phthalate	22.79	149	692329	43.329	nq	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	950668	42.973	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	822900	46.070	nq	99
89) Benzo(k)fluoranthene	23.97	252	794169	46.256	nq	99
90) Benzo(a)pyrene	24.77	252	808683	47.711	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	790213	46.046	nq	98
92) Benzo(g,h,i)perylene	29.79	276	798403	46.516	nq	98

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



#1

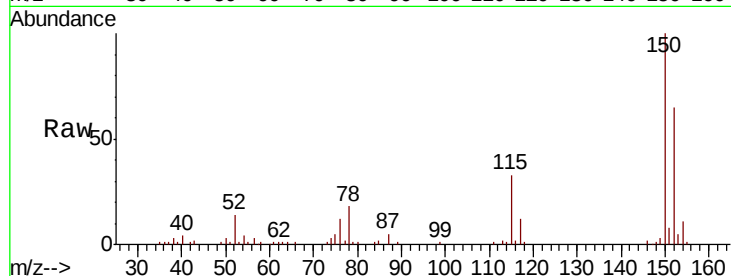
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.4	188.0
115	51.1	38.5	57.7

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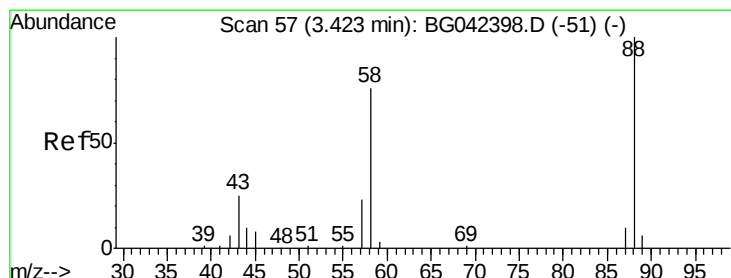
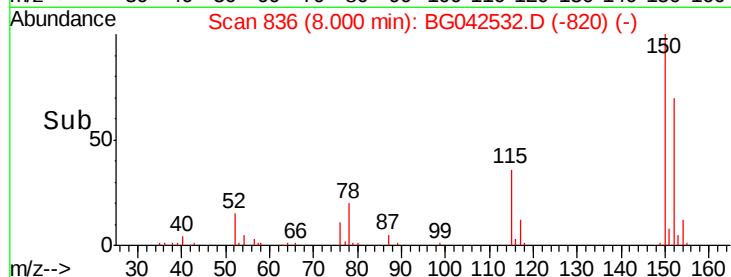
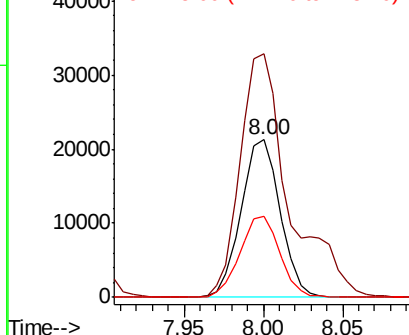


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

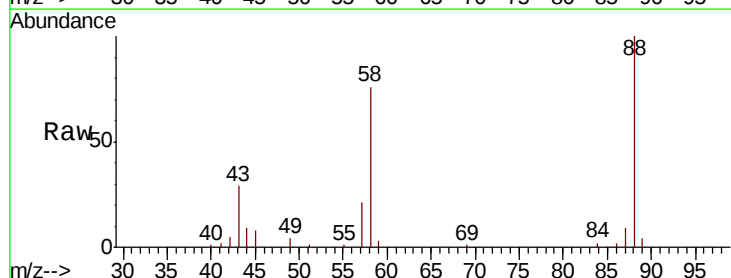
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.691 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	58.3	87.5
43	26.2	20.2	30.2

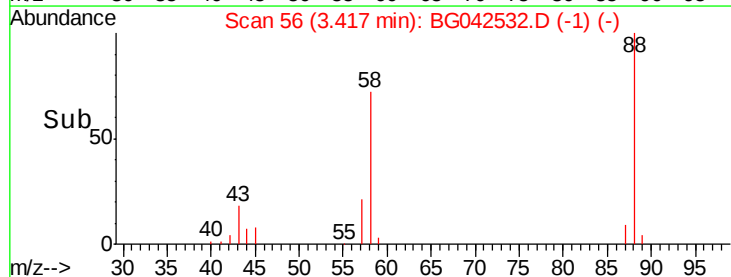
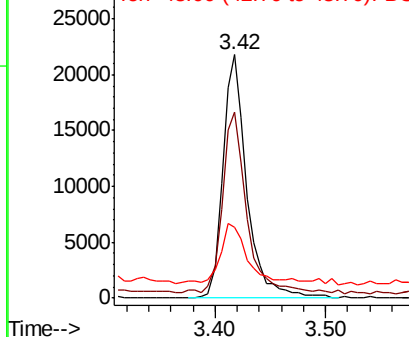


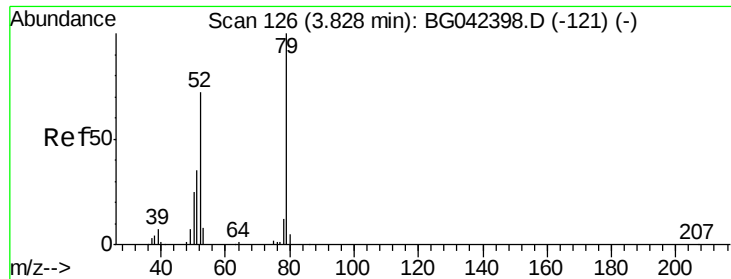
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.096 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

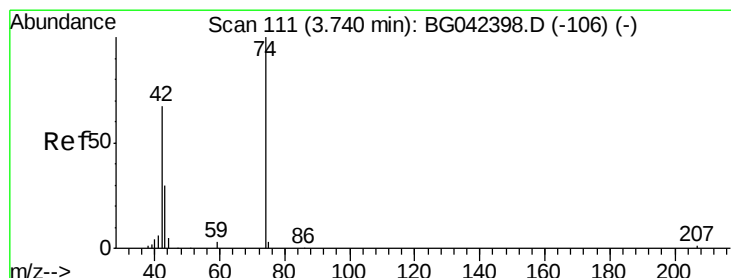
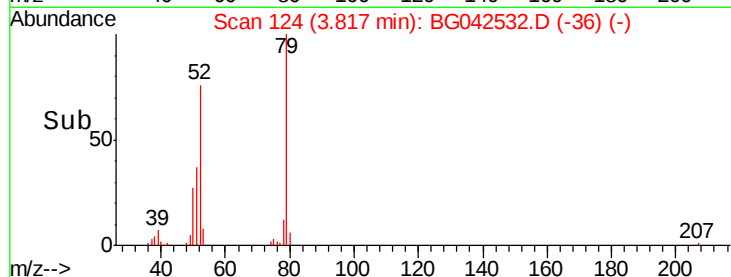
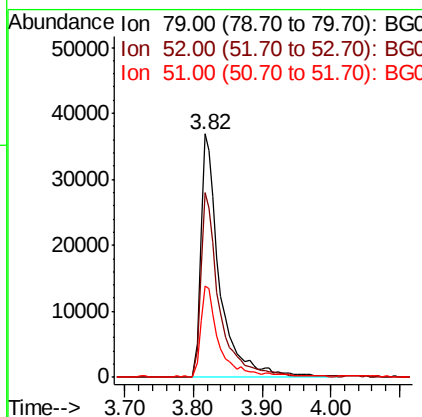
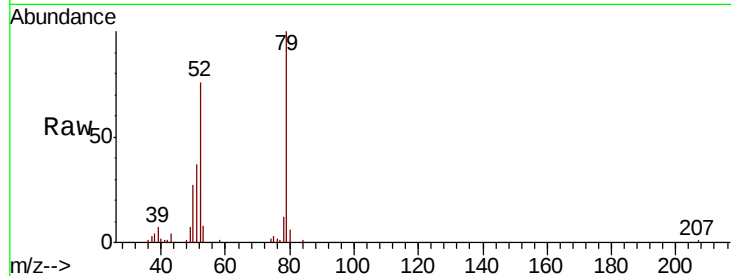
ClientSampleId :

PB122619BS

Tot Ion:	79	Resp:	71532
Ion	Ratio	Lower	Upper
79	100		
52	75.7	57.7	86.5
51	37.5	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 44.754 ng

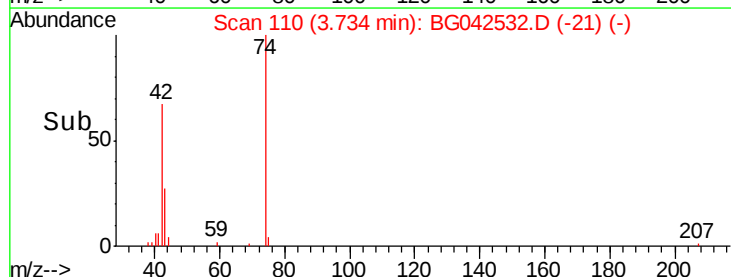
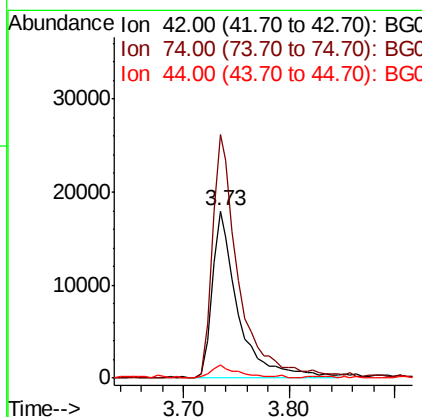
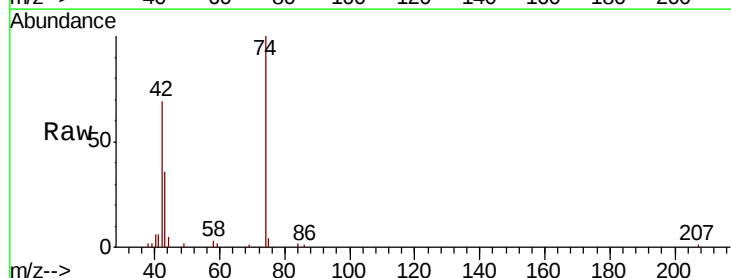
RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	42	Resp:	30823
Ion	Ratio	Lower	Upper
42	100		
74	145.9	119.6	179.4
44	7.7	6.5	9.7





#5

2-Fluorophenol

Concen: 128.898 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

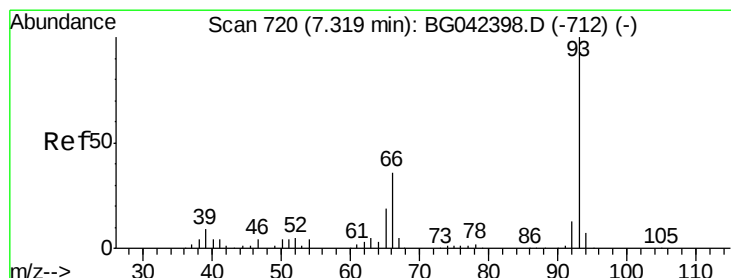
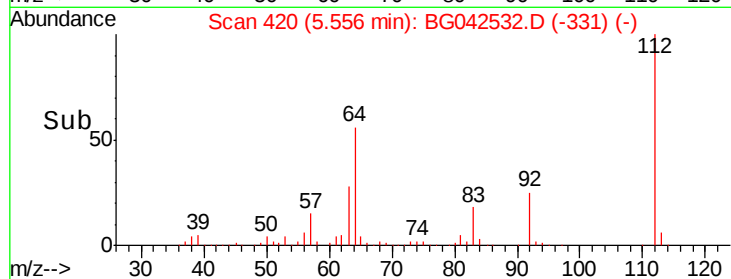
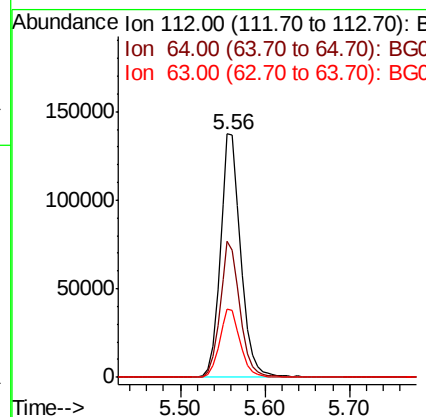
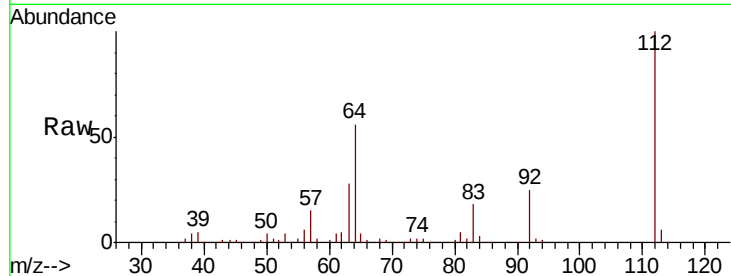
ClientSampleId :

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Tot Ion:	112	Resp:	232269
Ion Ratio	Lower	Upper	
112	100		
64	56.1	42.8	64.2
63	28.1	22.7	34.1

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#6

Aniline

Concen: 32.124 ng

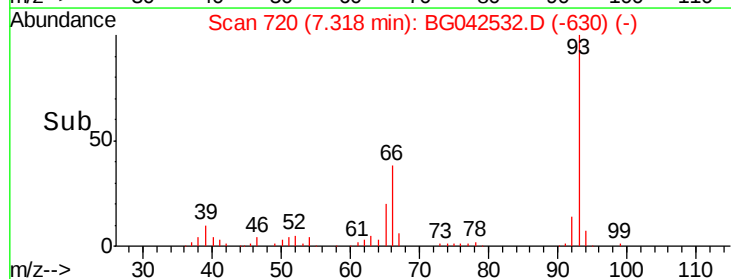
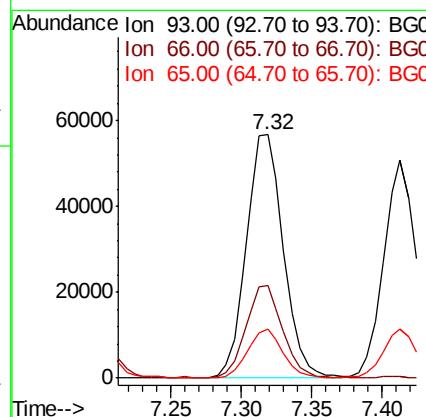
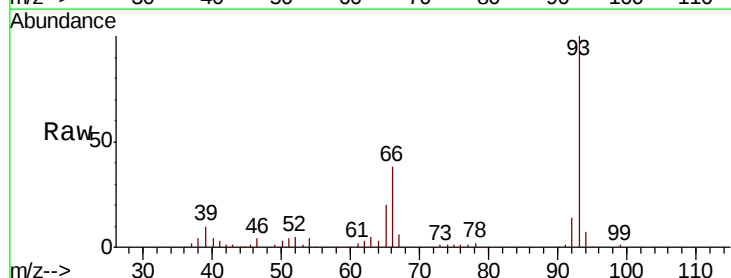
RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	93	Resp:	104289
Ion Ratio	Lower	Upper	
93	100		
66	37.9	29.0	43.6
65	20.2	15.2	22.8





#7

Phenol-d6

Concen: 119.569 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

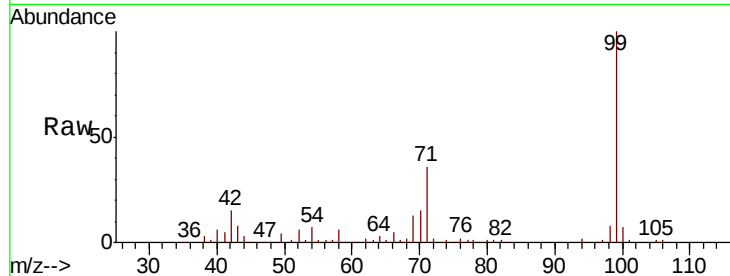
ClientSampleId :

PB122619BS

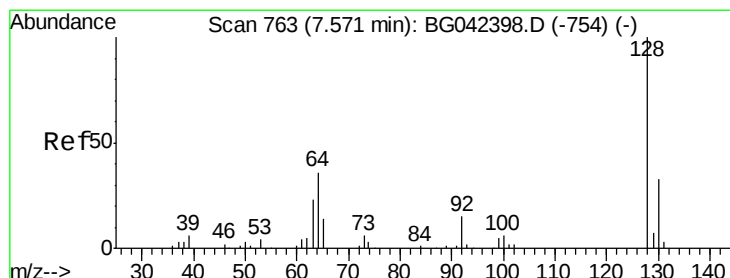
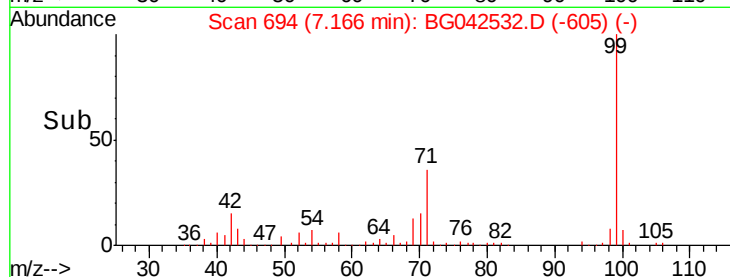
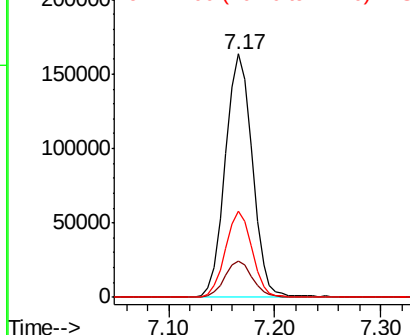
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		291036		
42	14.8	12.0	18.0		
71	35.5	26.3	39.5		

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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: 47.997 ng

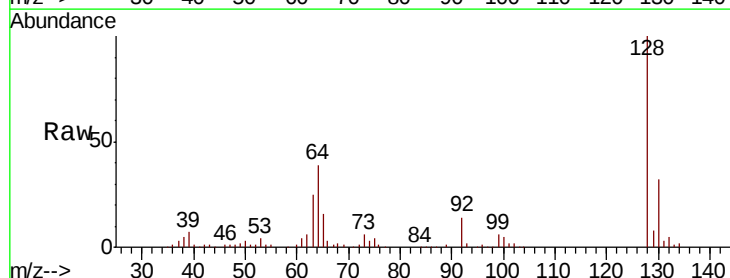
RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

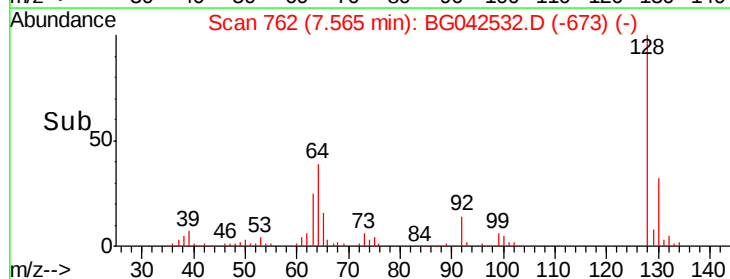
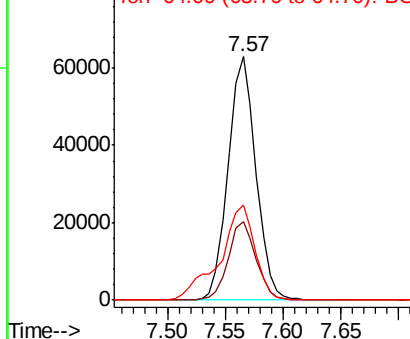
Lab File: BG042532.D

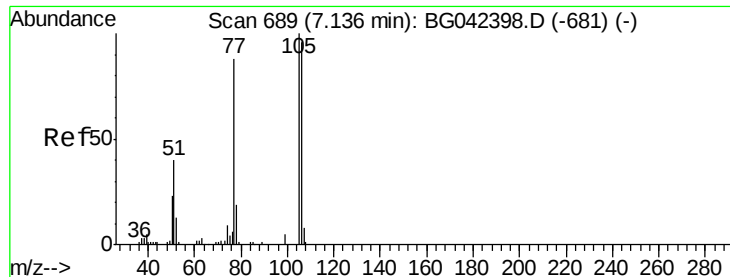
Acq: 28 Aug 2019 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		104818		
130	32.0	12.8	52.8		
64	39.3	19.2	59.2		



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





#9

Benzaldehyde

Concen: 50.106 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

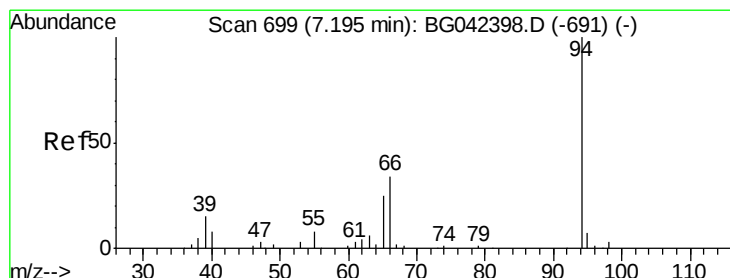
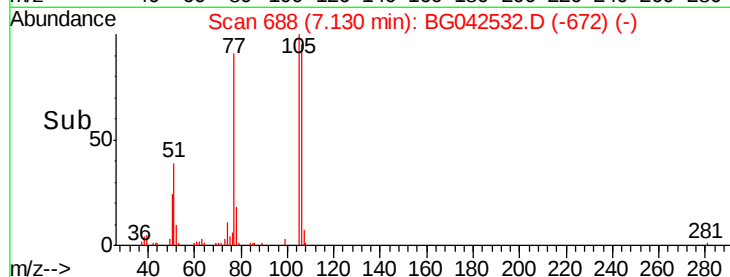
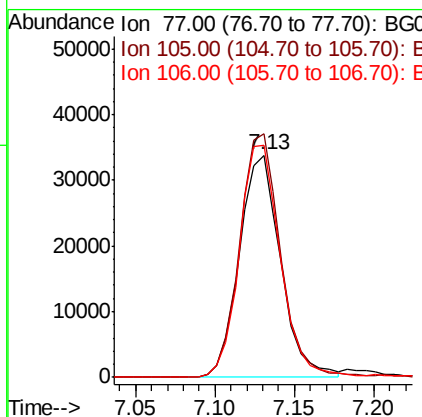
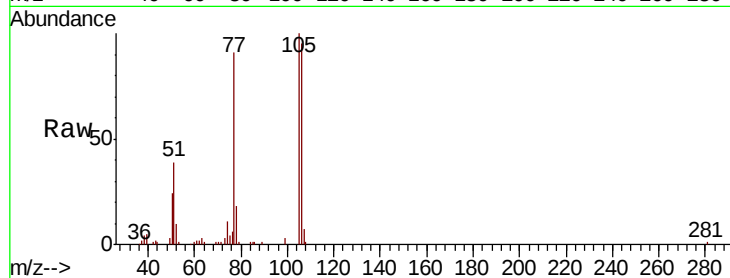
ClientSampleId :

PB122619BS

Tot Ion:	77	Resp:	61059
Ion	Ratio	Lower	Upper
77	100		
105	109.4	93.4	133.4
106	104.4	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 46.586 ng

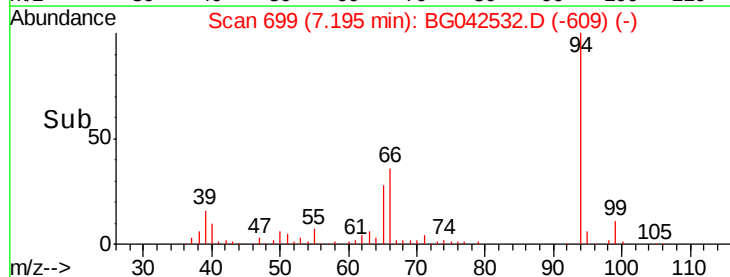
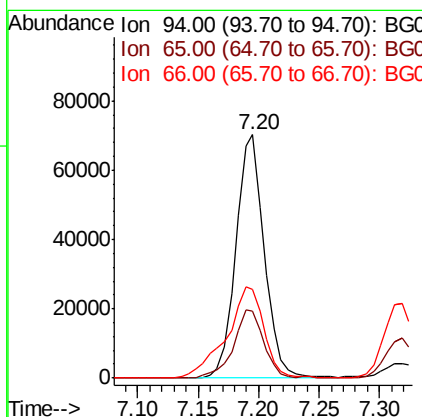
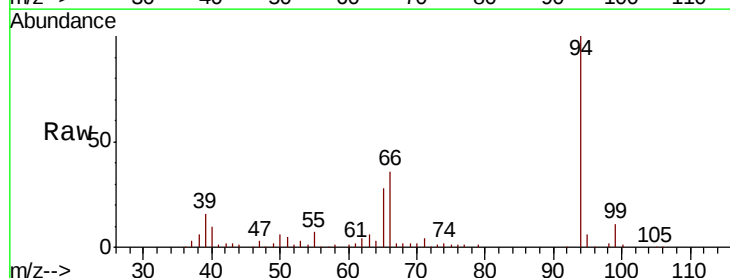
RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	94	Resp:	115290
Ion	Ratio	Lower	Upper
94	100		
65	27.5	5.6	45.6
66	36.5	16.0	56.0





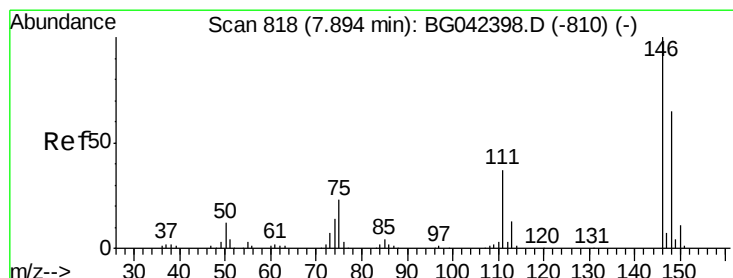
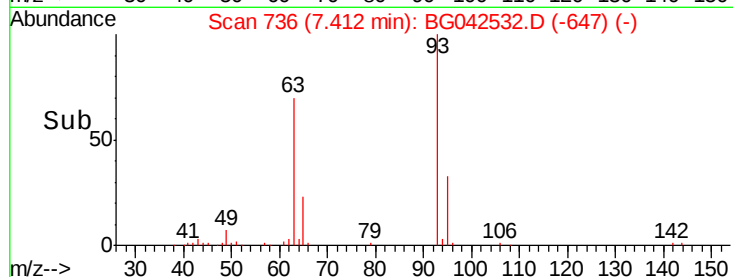
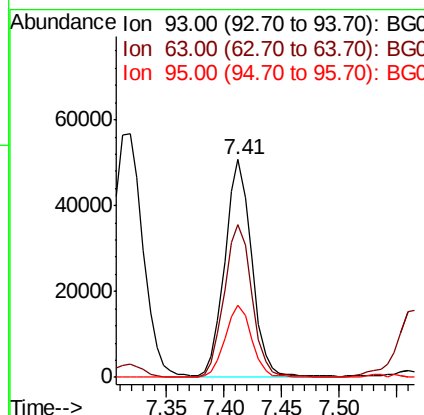
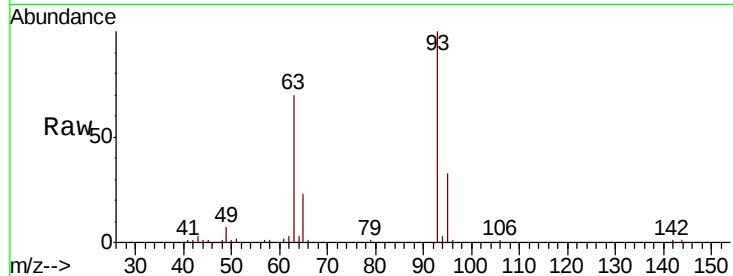
#11
bis(2-Chloroethyl)ether
Concen: 42.717 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	53.8	93.8
95	33.3	13.1	53.1

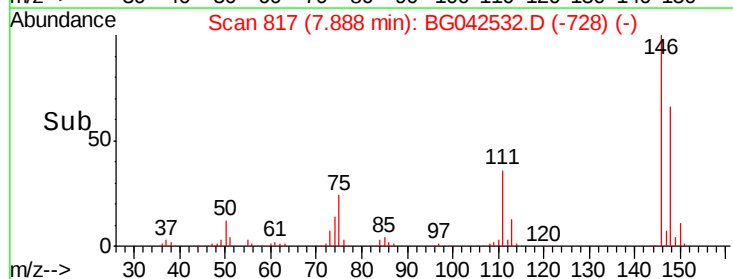
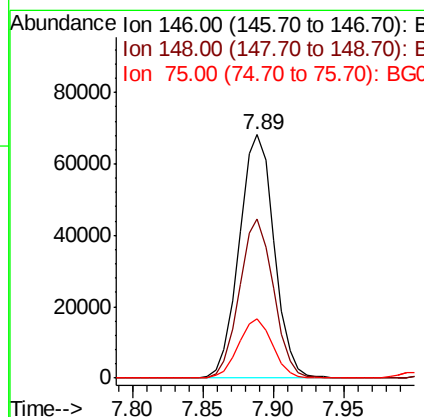
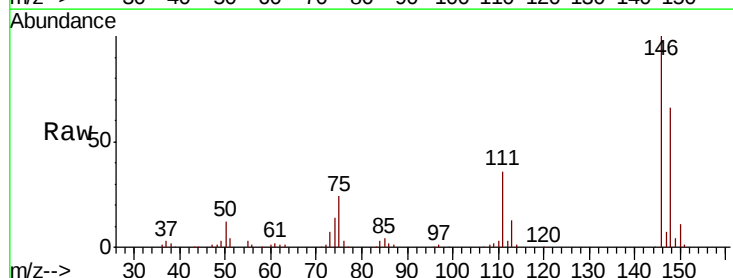
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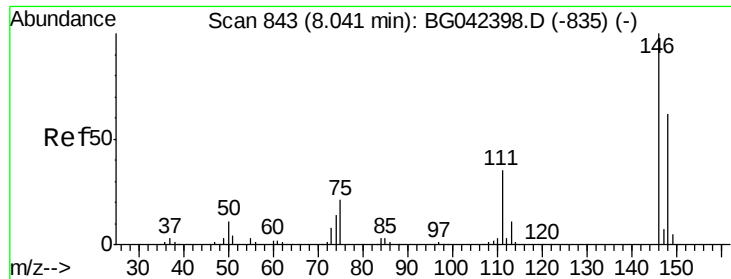
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#12
1,3-Dichlorobenzene
Concen: 42.408 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
75	24.3	18.0	27.0





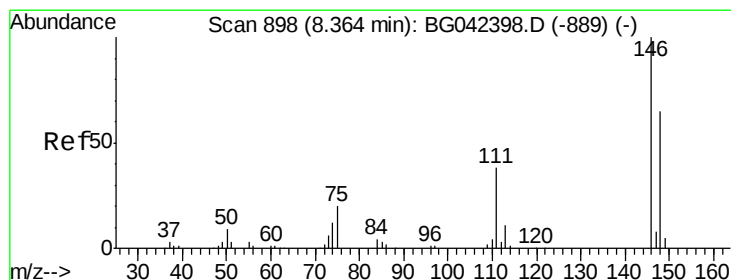
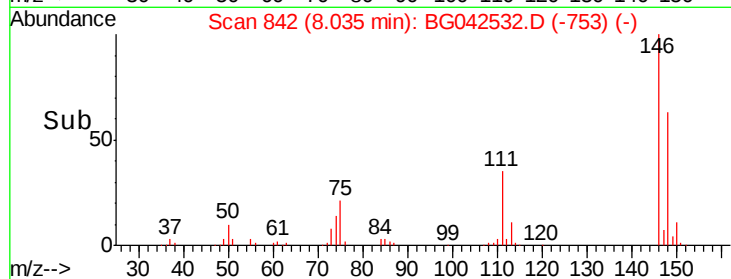
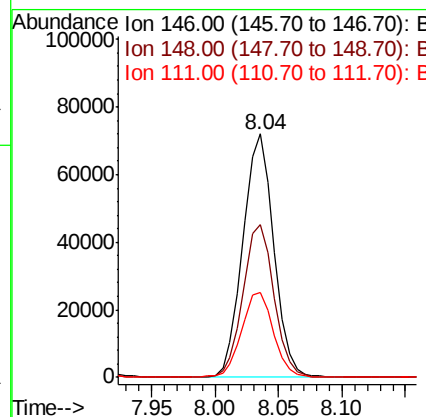
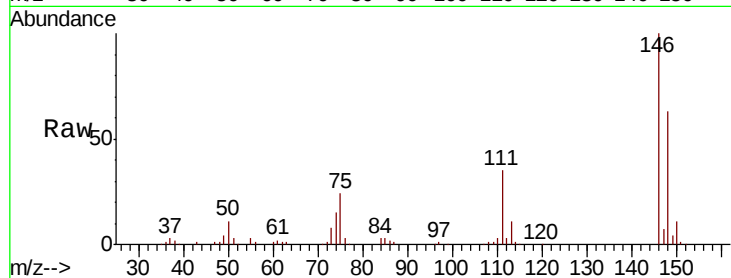
#13
 1,4-Dichlorobenzene
 Concen: 43.252 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleID :
 PB122619BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.5	74.3
111	34.7	28.1	42.1

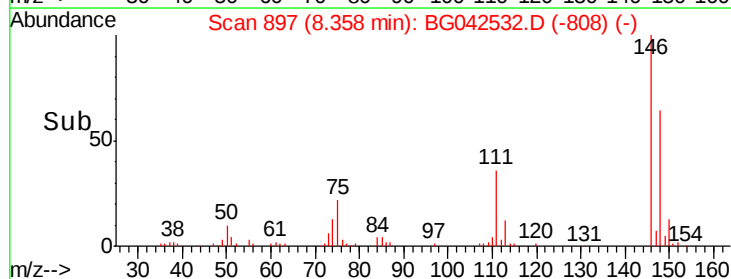
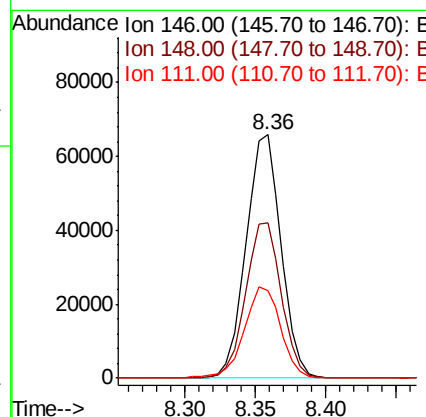
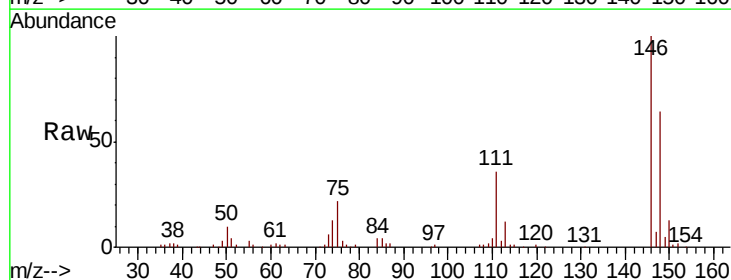
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#14
 1,2-Dichlorobenzene
 Concen: 42.398 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	36.1	30.9	46.3





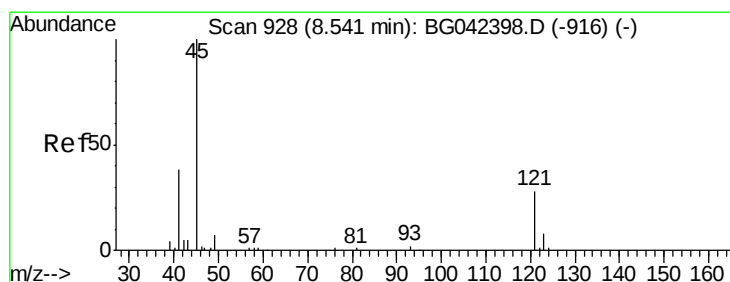
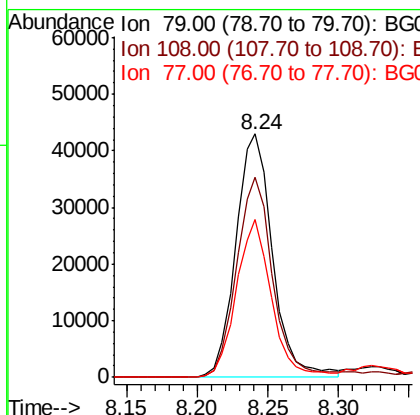
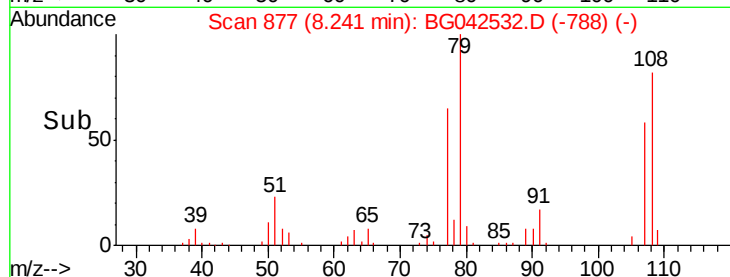
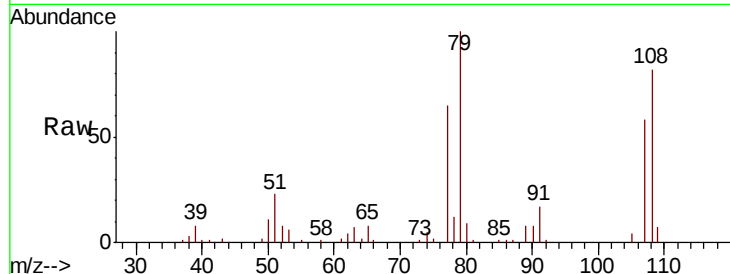
#15
Benzyl Alcohol
Concen: 44.621 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	82.2	67.4	101.2		
77	64.8	50.8	76.2		

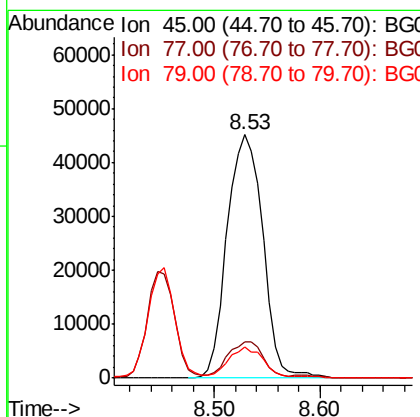
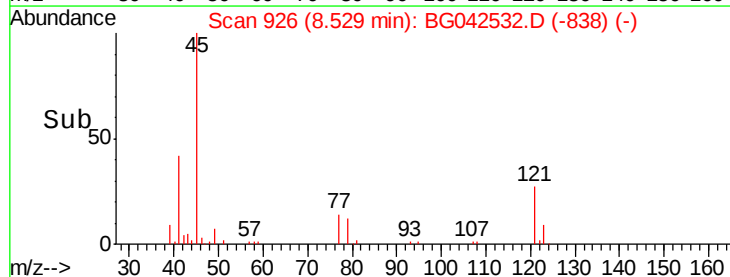
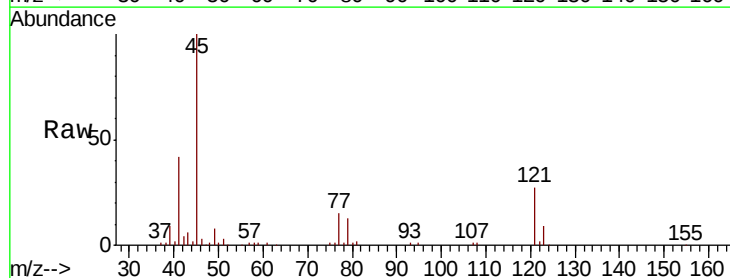
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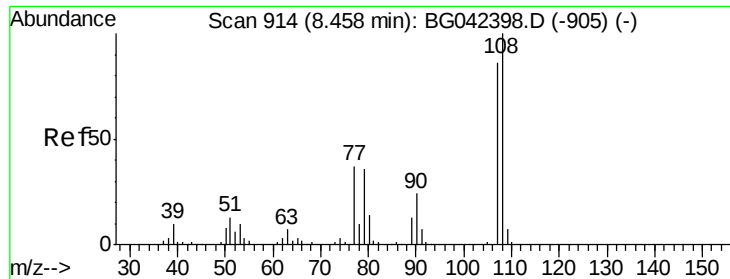
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.145 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	14.9	0.0	35.6		
79	12.6	0.0	31.6		





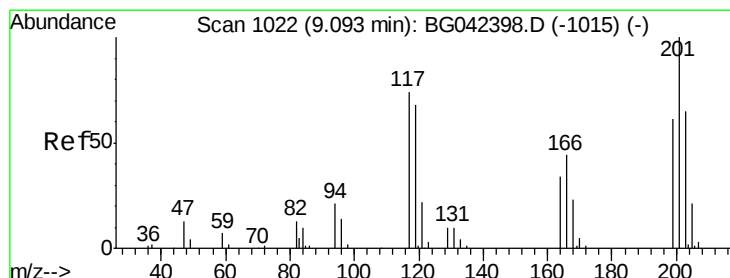
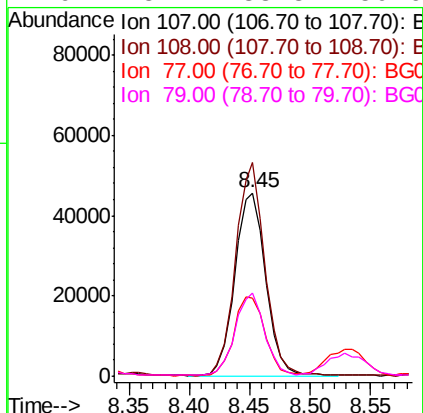
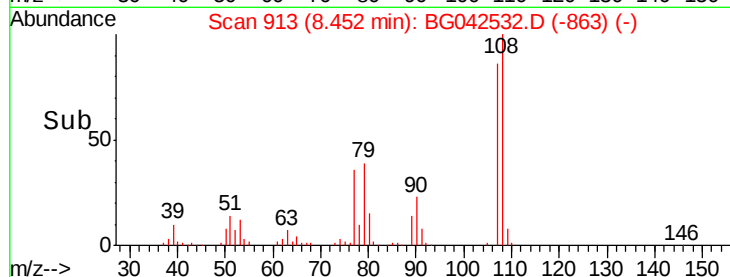
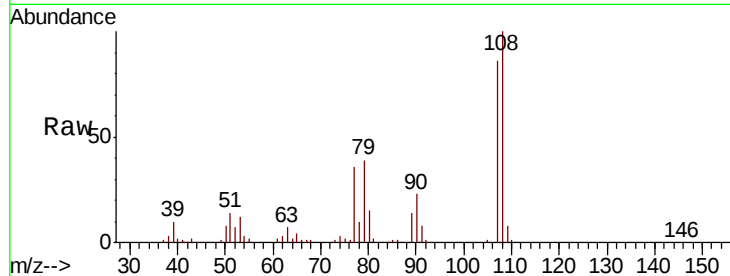
#17
2-Methylphenol
Concen: 45.042 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	107	Resp	82104
Ion Ratio	Lower	Upper	
107	100		
108	116.6	92.9	139.3
77	42.4	34.4	51.6
79	45.1	33.8	50.6

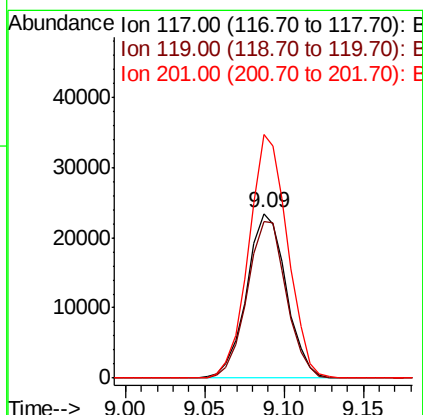
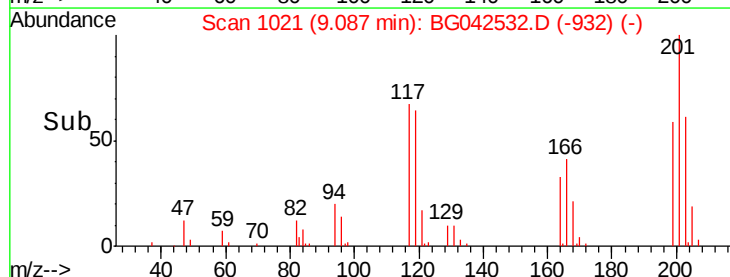
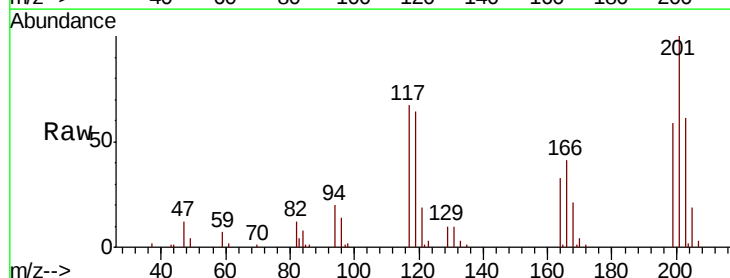
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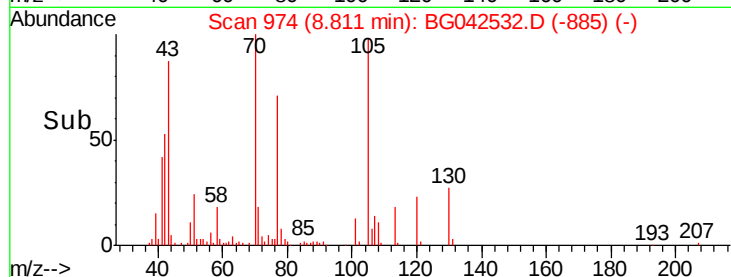
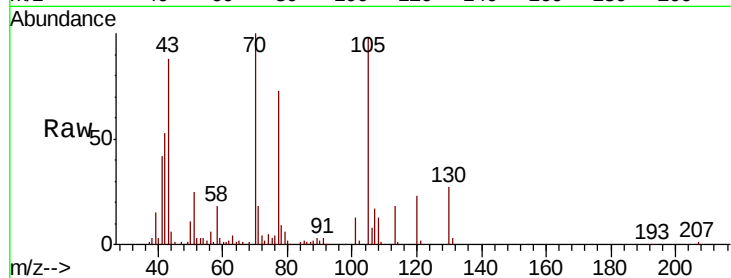
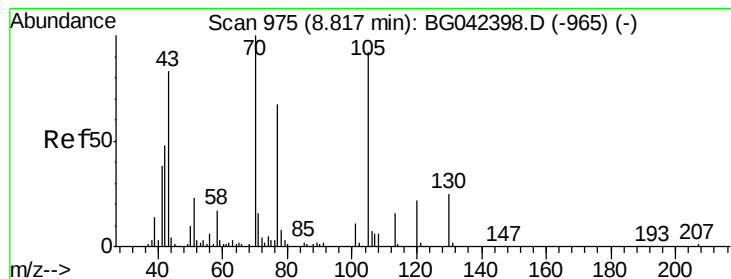
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#18
Hexachloroethane
Concen: 41.988 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	117	Resp	40450
Ion Ratio	Lower	Upper	
117	100		
119	95.5	73.8	110.8
201	148.2	108.3	162.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.988 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tot Ion:	70	Resp:	63057
Ion Ratio	Lower	Upper	
70	100		
42	53.1	38.8	58.2
101	12.9	9.0	13.6
130	27.2	20.0	30.0

Instrument :

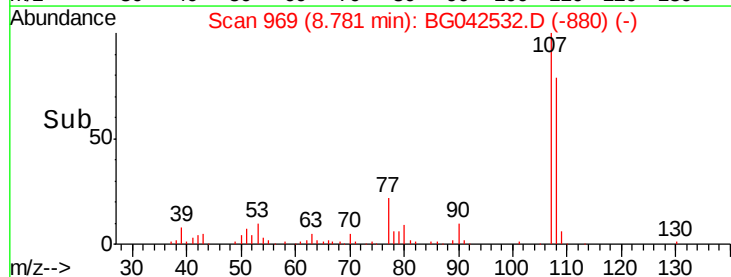
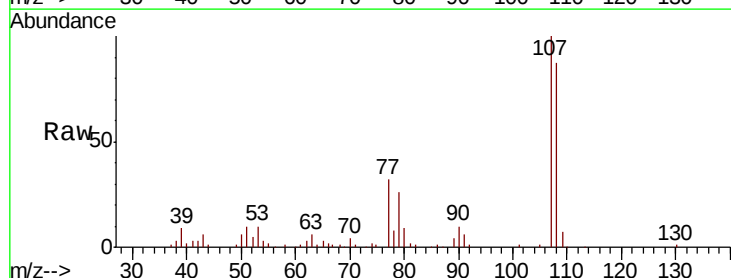
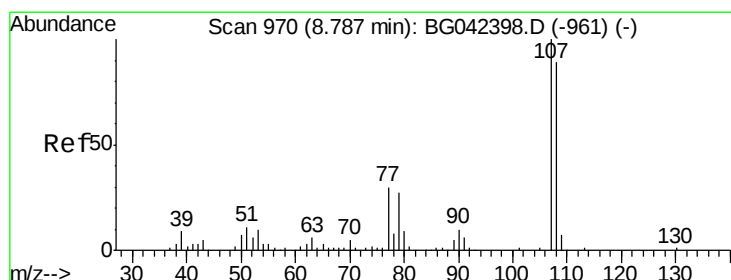
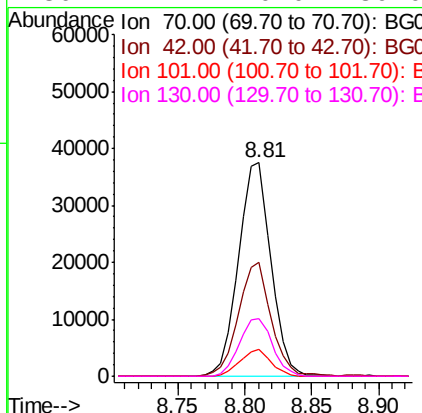
BNA_G

ClientSampleId :

PB122619BS

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#20

3+4-Methylphenols

Concen: 44.811 ng

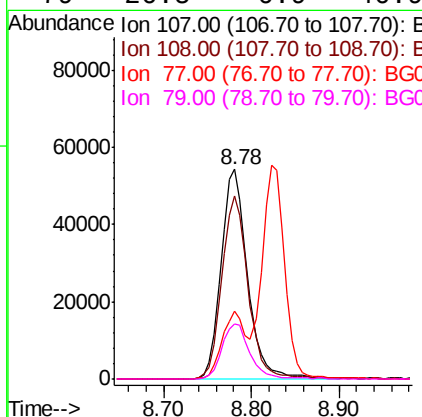
RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	107	Resp:	113027
Ion Ratio	Lower	Upper	
107	100		
108	87.5	68.7	108.7
77	32.1	10.2	50.2
79	26.5	6.9	46.9





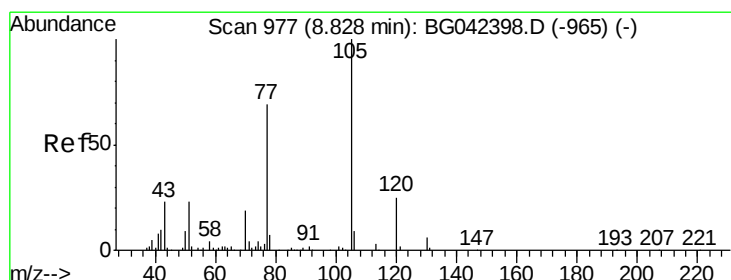
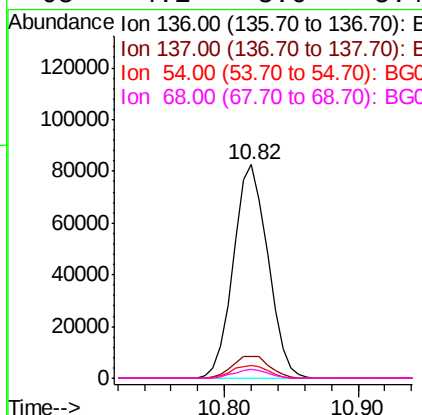
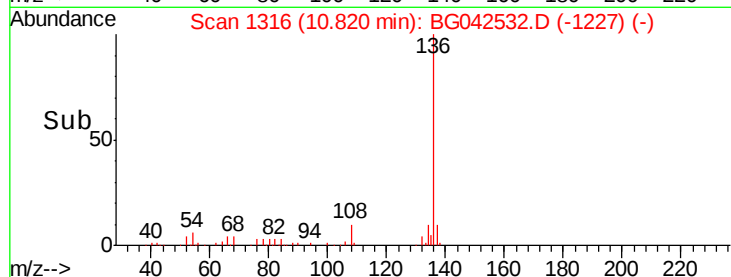
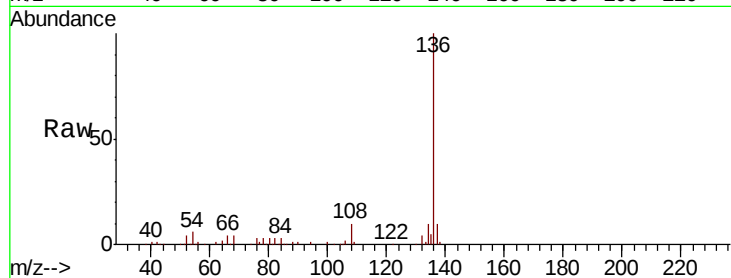
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	147861		
137	10.4	8.7	13.1	
54	5.8	4.9	7.3	
68	4.1	3.6	5.4	

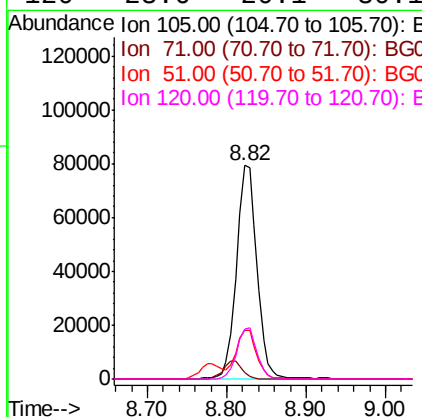
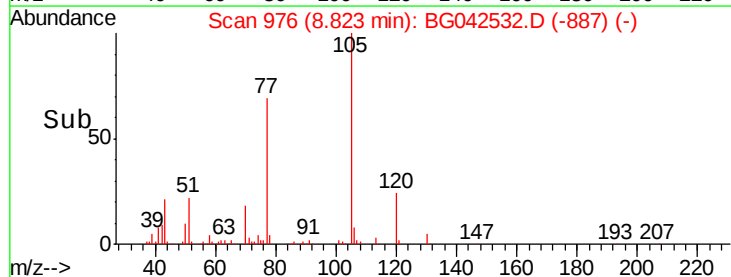
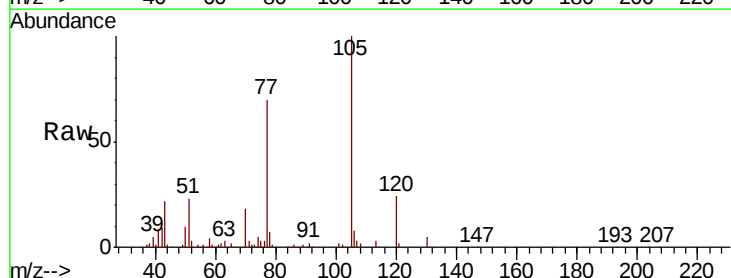
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#22
Acetophenone
Concen: 44.883 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141942		
71	2.9	2.8	4.2	
51	22.8	18.7	28.1	
120	23.6	20.1	30.1	





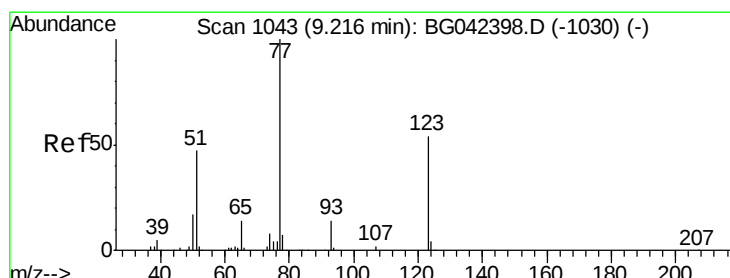
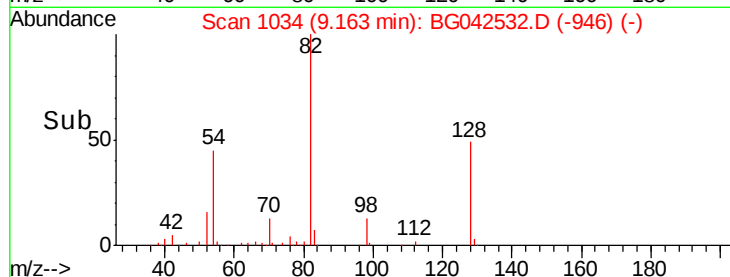
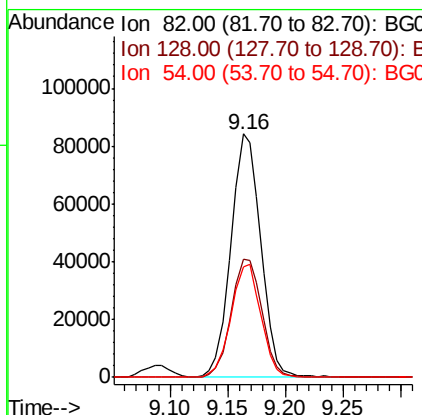
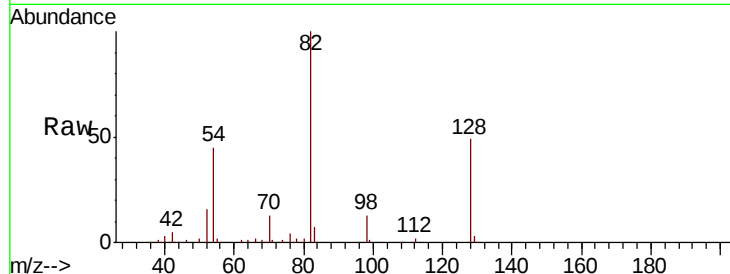
#23
Nitrobenzene-d5
Concen: 70.029 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampled :
PB122619BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.7	61.1
54	45.3	36.3	54.5

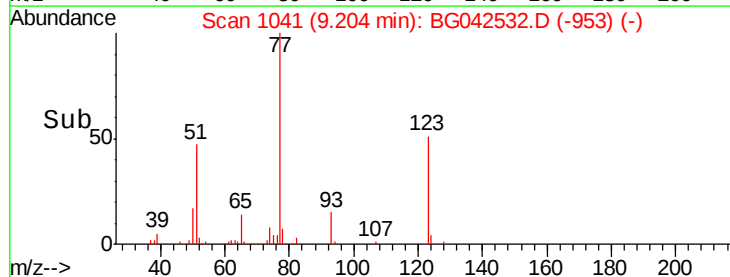
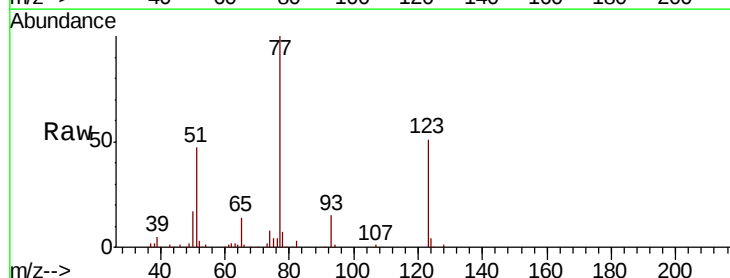
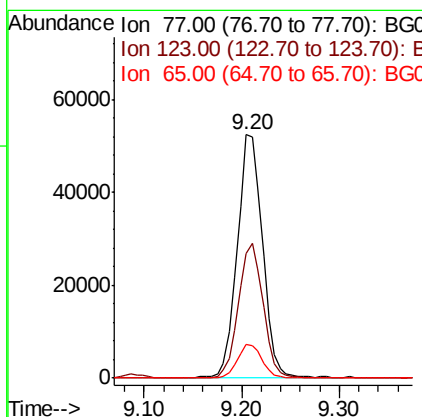
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#24
Nitrobenzene
Concen: 43.881 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	43.4	65.0
65	13.6	11.0	16.6





#25

Isophorone

Concen: 42.019 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

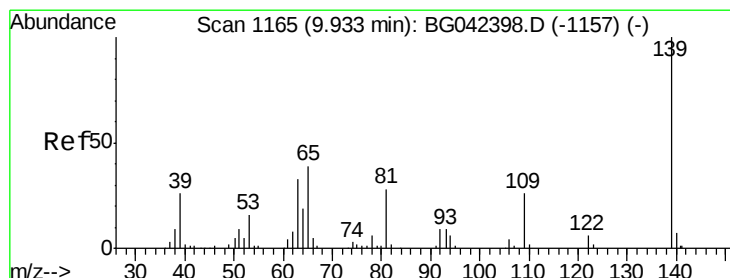
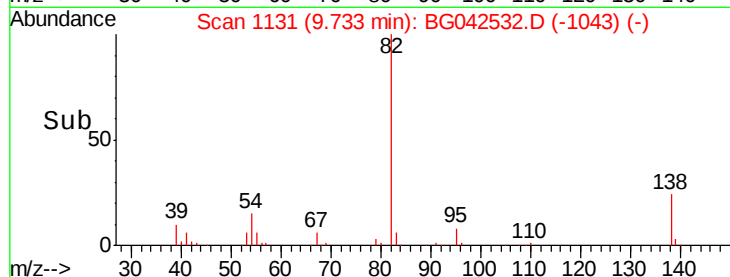
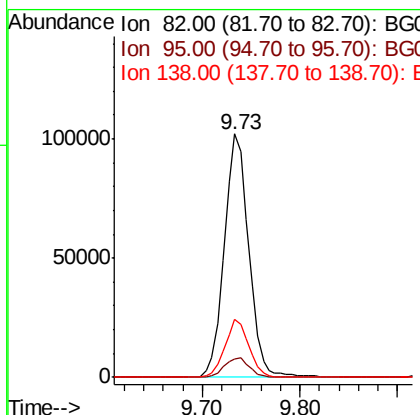
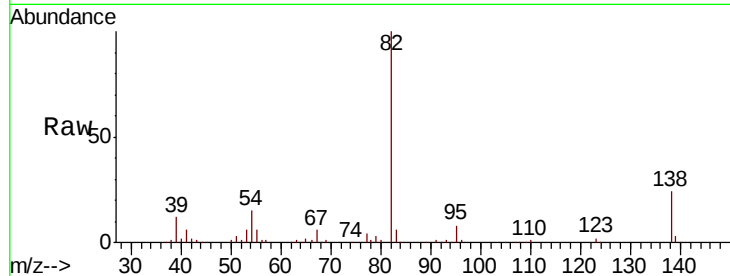
ClientSampled :

PB122619BS

Tot Ion:	82	Resp:	177433
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.6	9.8
138	23.9	18.6	27.8

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#26

2-Nitrophenol

Concen: 45.235 ng

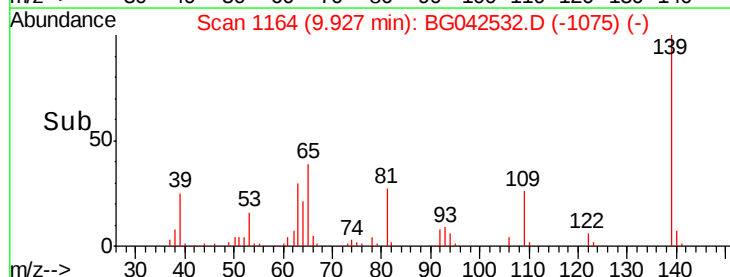
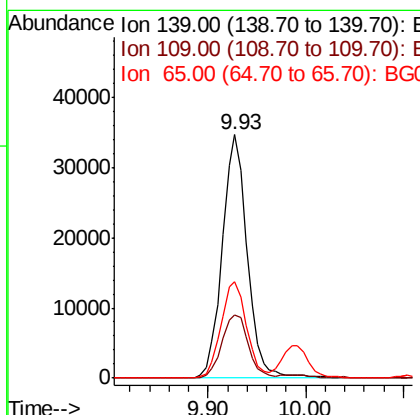
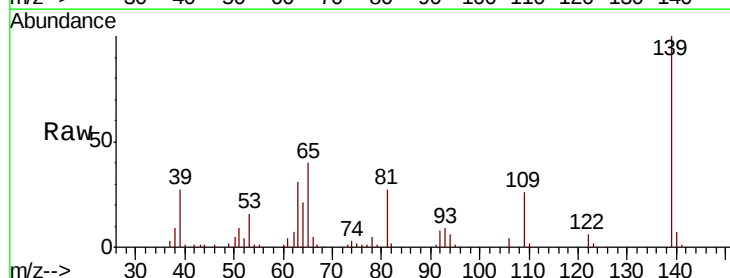
RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	139	Resp:	61421
Ion Ratio	Lower	Upper	
139	100		
109	26.1	20.5	30.7
65	39.8	30.9	46.3





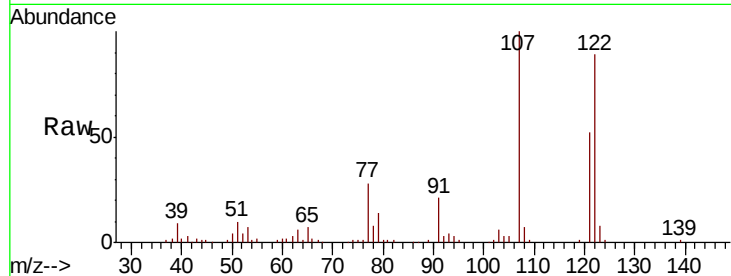
#27
 2,4-Dimethylphenol
 Concen: 52.401 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

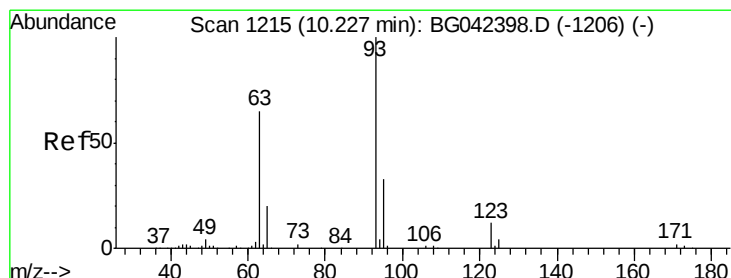
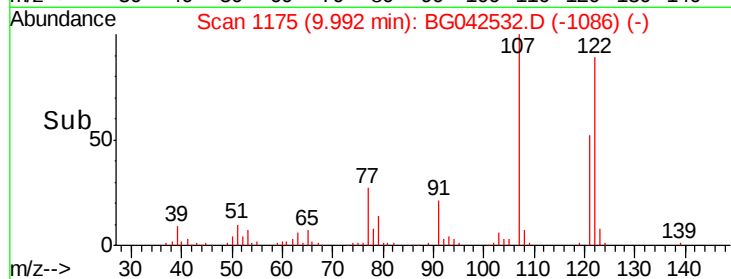
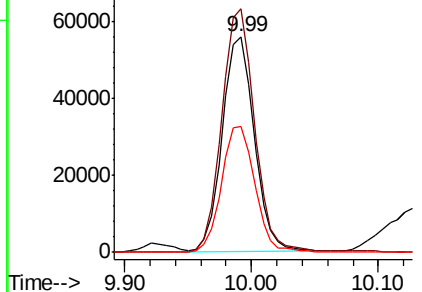
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	90.8	136.2
121	58.2	49.6	74.4

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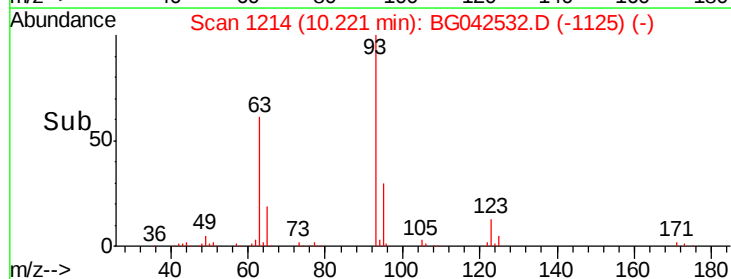
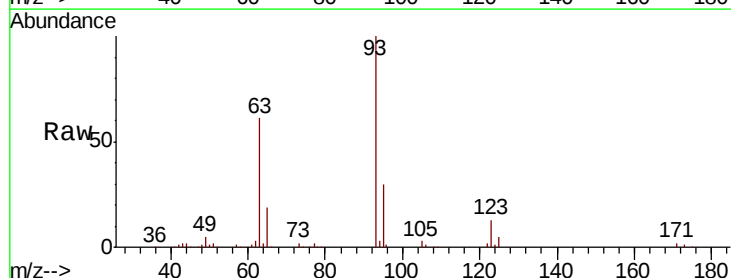
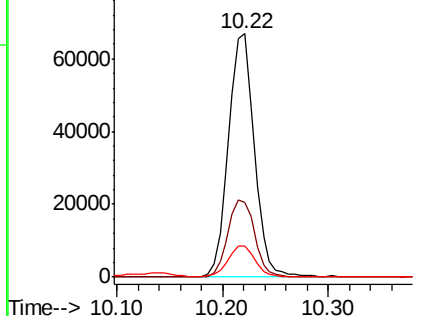
Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.566 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	26.6	40.0
123	13.0	10.1	15.1

Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





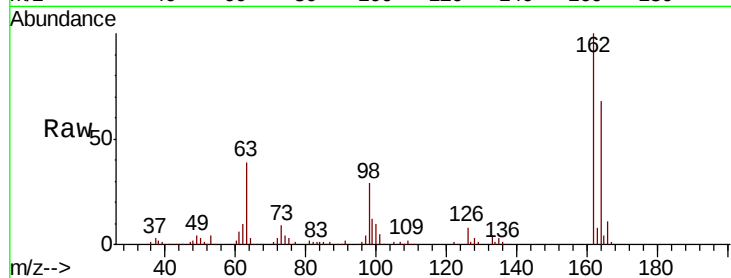
#29
2,4-Dichlorophenol
Concen: 48.023 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	117518		
164	67.8	48.1	88.1	
98	29.0	7.6	47.6	

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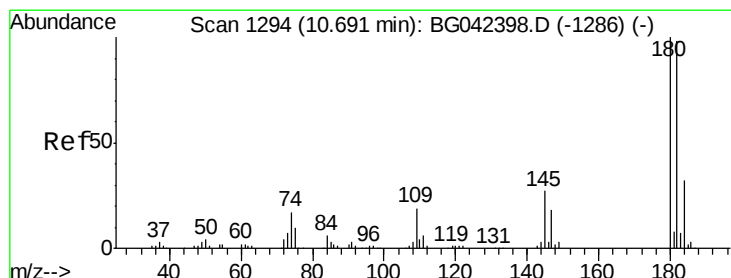
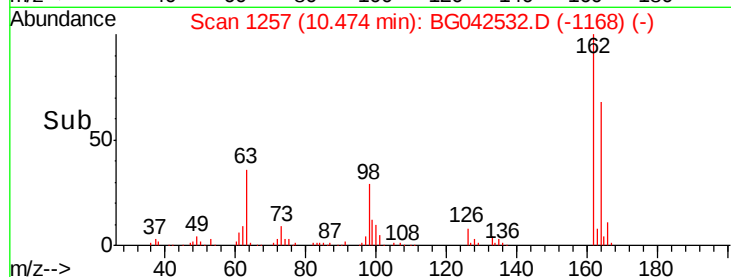
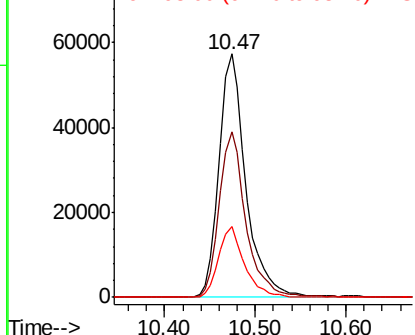


Abundance

Ion 162.00 (161.70 to 162.70): E

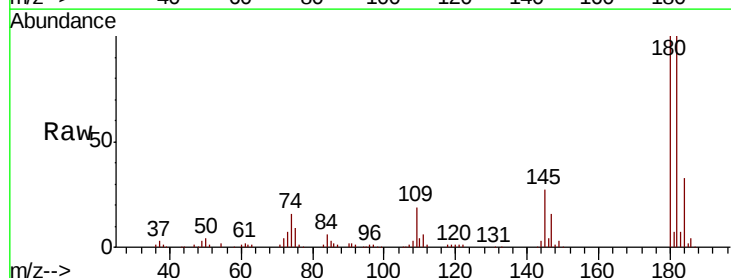
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 43.260 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129942		
182	100.2	78.7	118.1	
145	27.4	21.6	32.4	

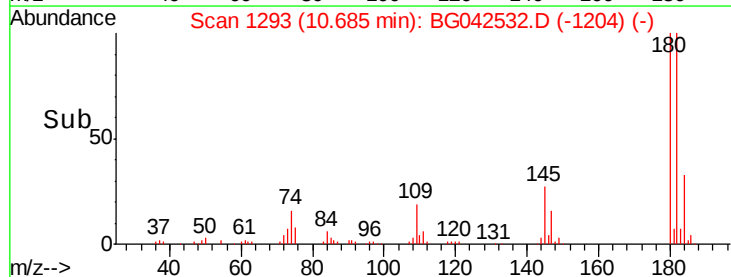
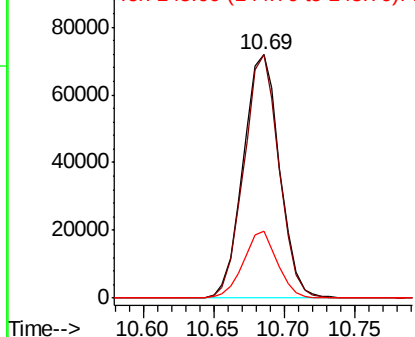


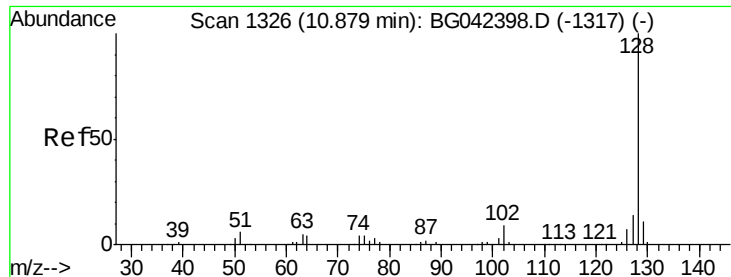
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





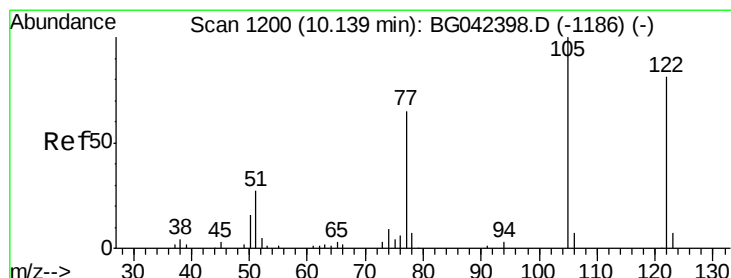
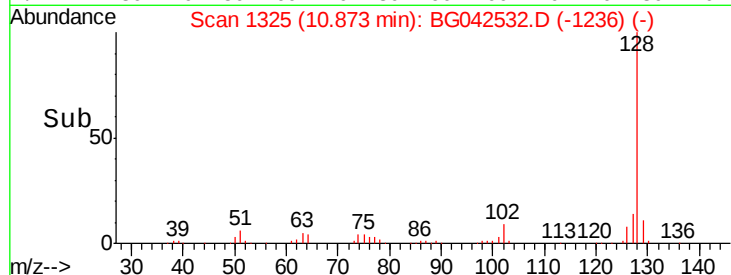
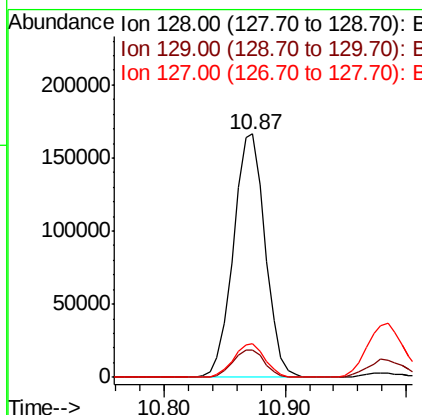
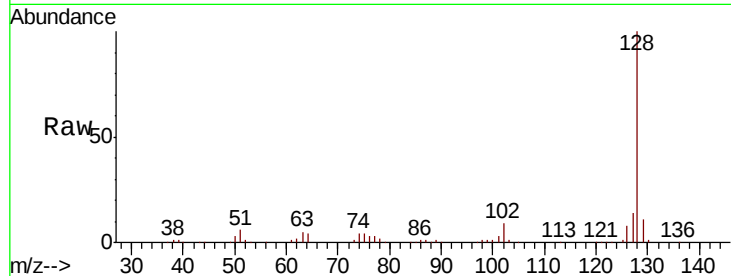
#31
Naphthalene
Concen: 44.411 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	304870		
129	11.5	8.8	13.2	
127	14.1	11.4	17.0	

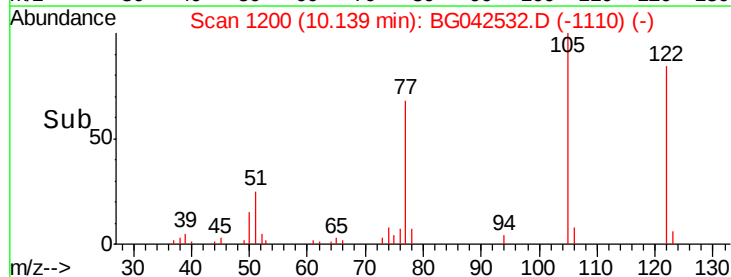
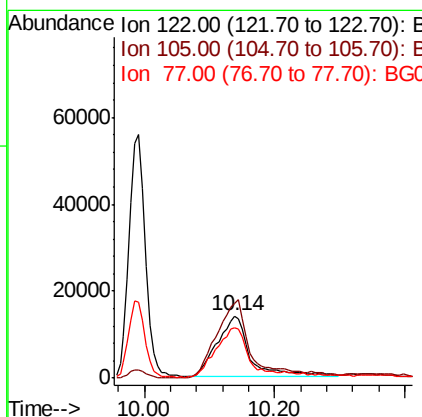
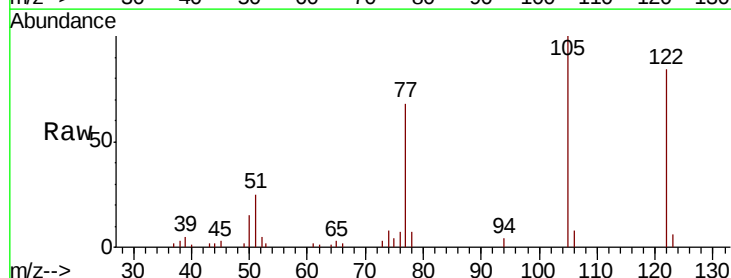
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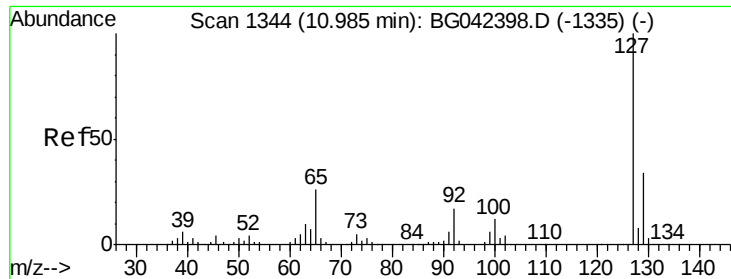
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#32
Benzoic acid
Concen: 38.370 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	49404		
105	119.1	99.6	139.6	
77	81.6	59.5	99.5	





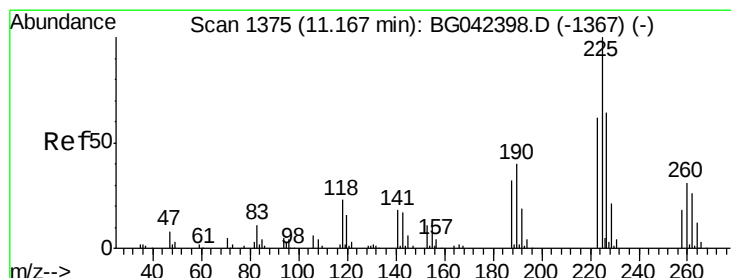
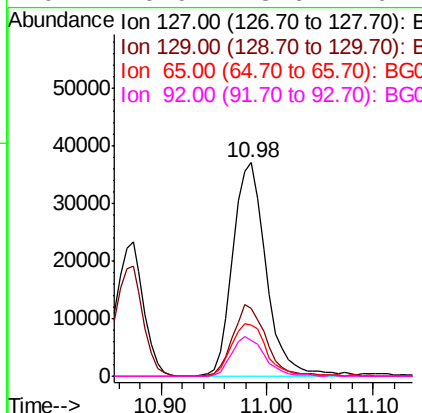
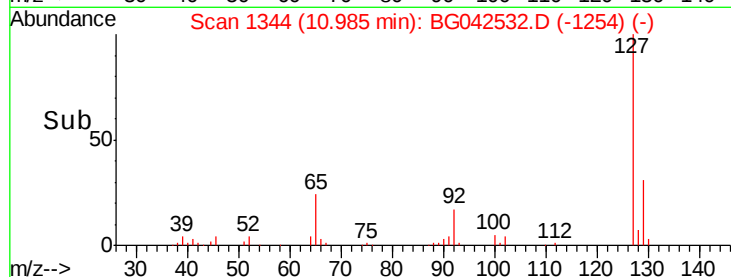
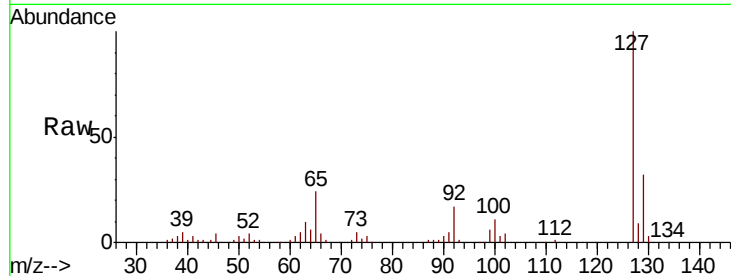
#33
4-Chloroaniline
Concen: 25.491 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.8	40.2
65	24.2	20.7	31.1
92	16.9	13.6	20.4

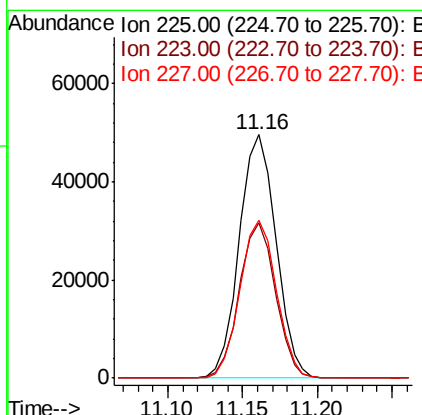
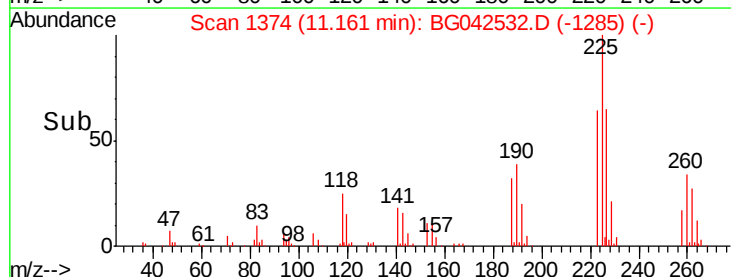
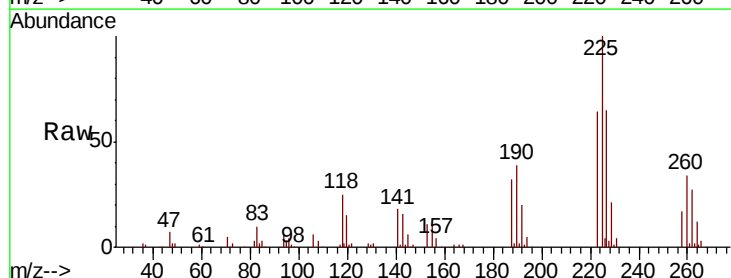
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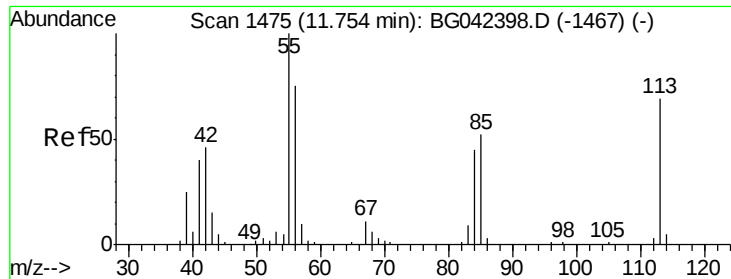
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#34
Hexachlorobutadiene
Concen: 42.195 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	64.7	50.9	76.3





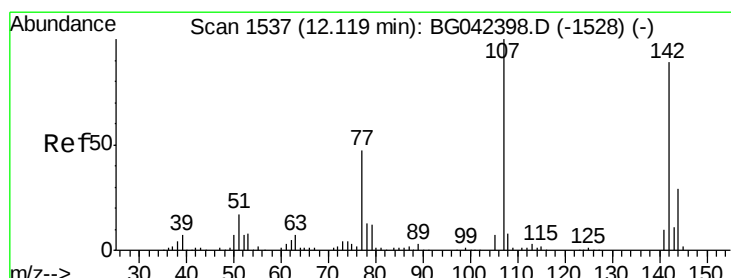
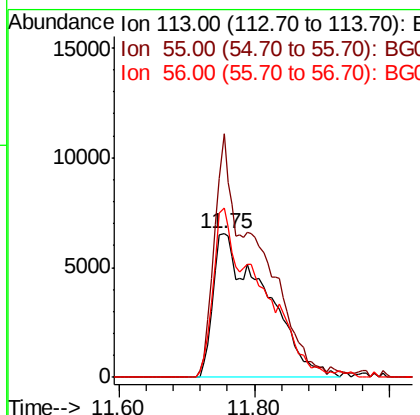
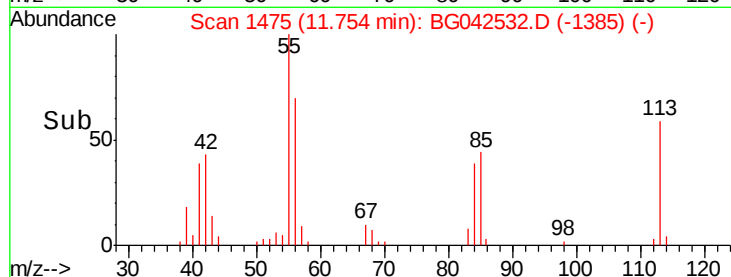
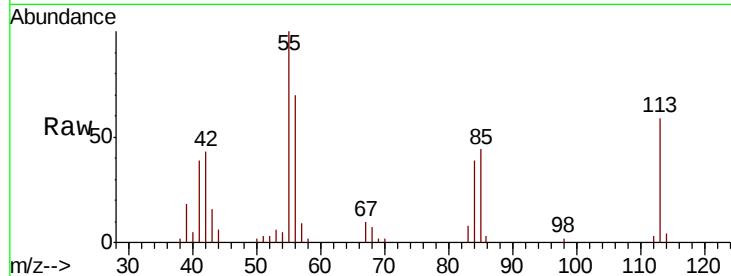
#35
Caprolactam
Concen: 42.558 ng/ml
RT: 11.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.7	124.6	164.6#
56	118.3	88.3	128.3

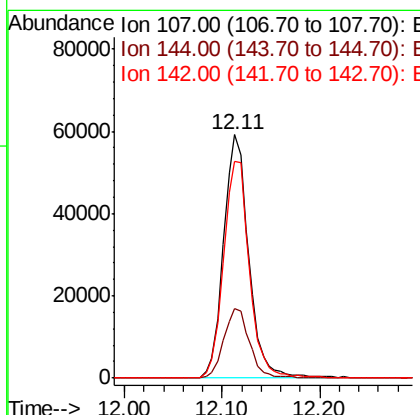
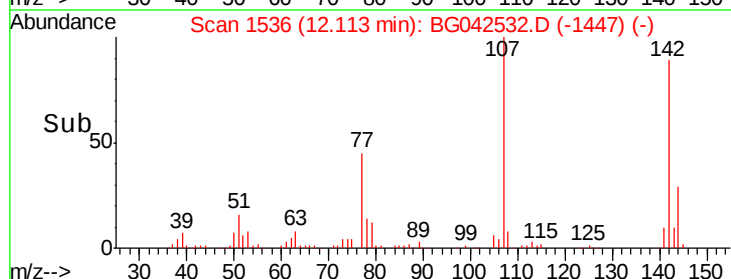
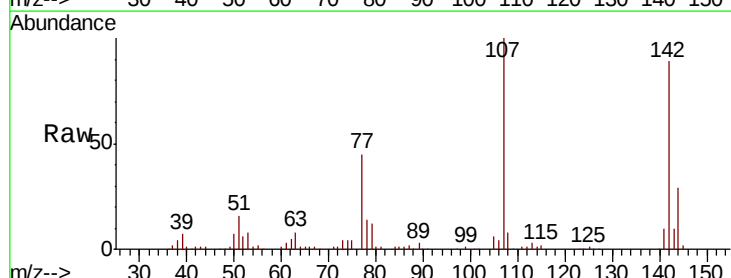
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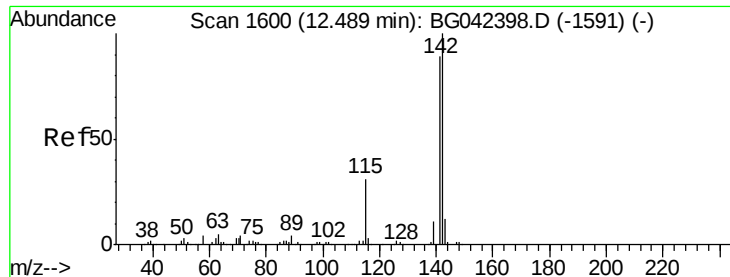
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#36
4-Chloro-3-methylphenol
Concen: 45.535 ng/ml
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	23.6	35.4
142	89.3	71.0	106.4





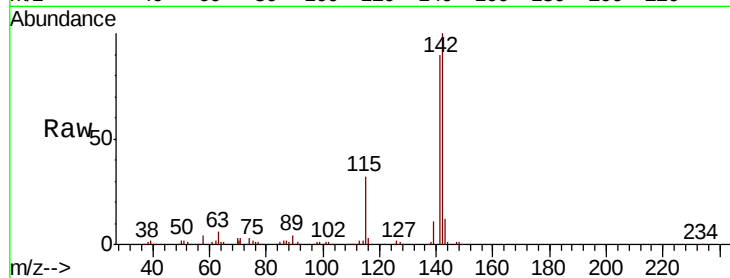
#37
 2-Methylnaphthalene
 Concen: 44.441 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	32.2	25.2	37.8

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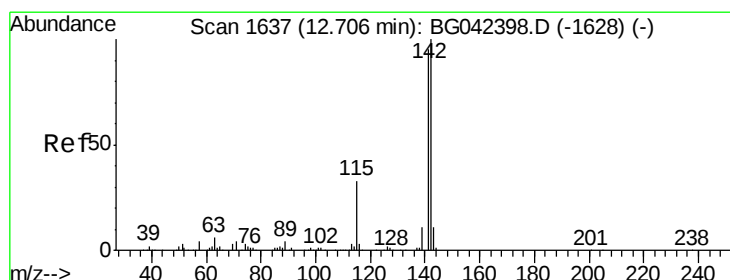
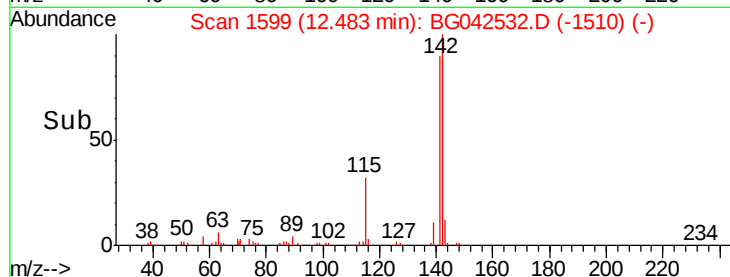
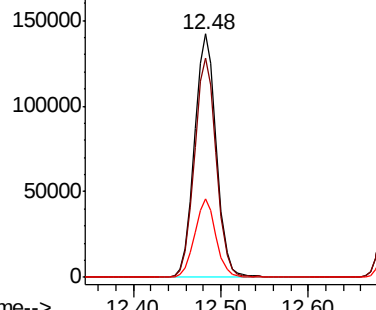


Abundance

Ion 142.00 (141.70 to 142.70): E

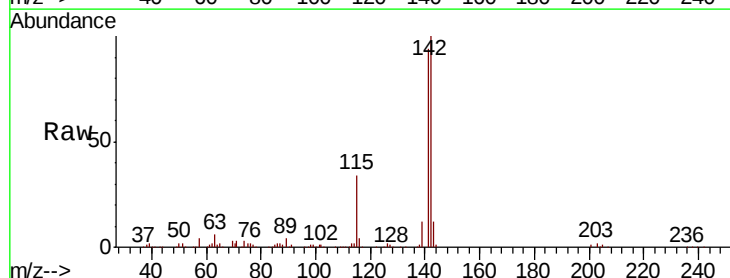
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 43.494 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	3.5	2.8	4.2

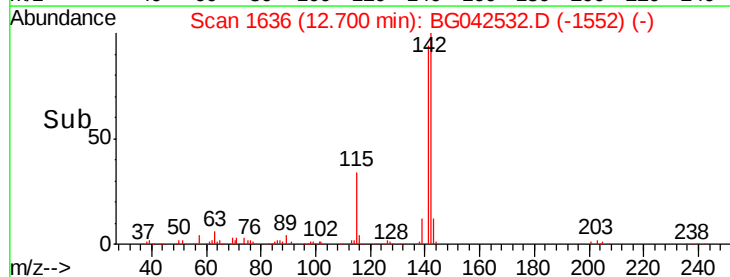
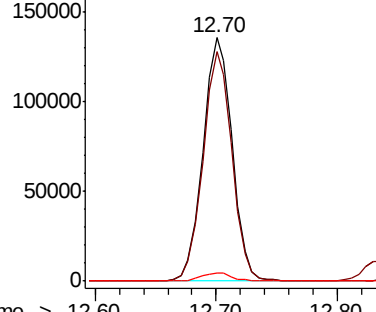


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





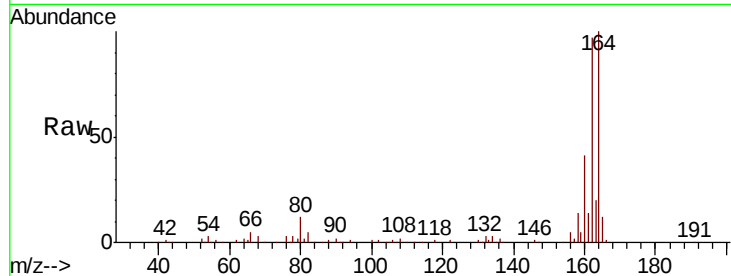
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.9	119.9
160	41.4	34.3	51.5

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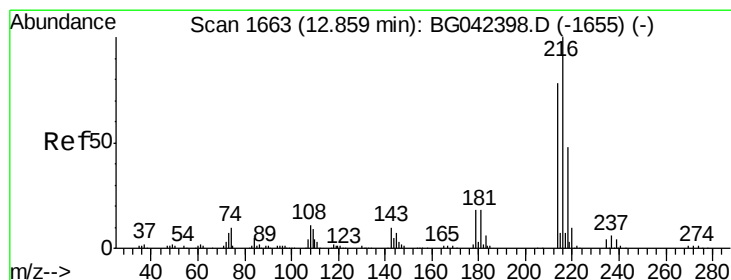
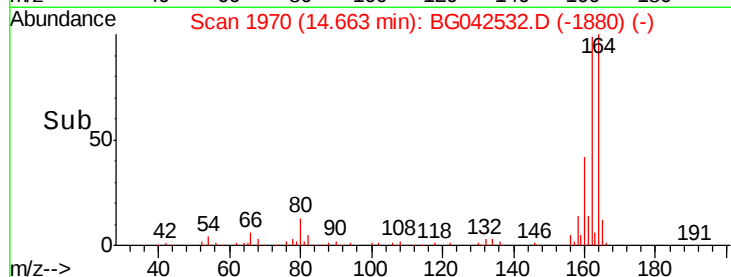
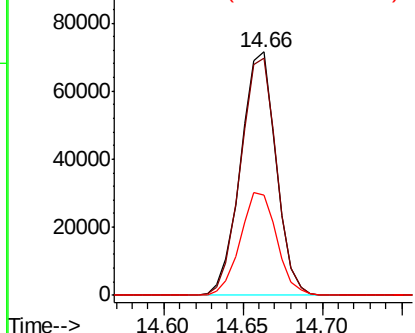


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.928 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.9	61.4	92.2
179	19.1	15.1	22.7
108	12.6	9.4	14.0

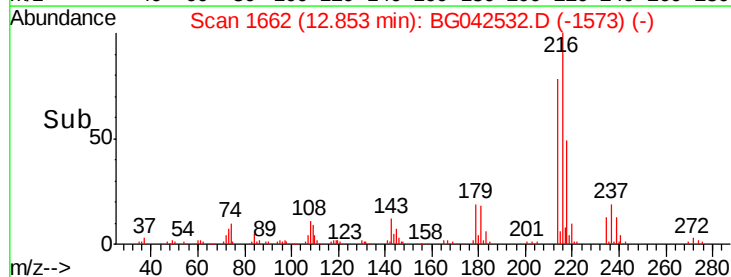
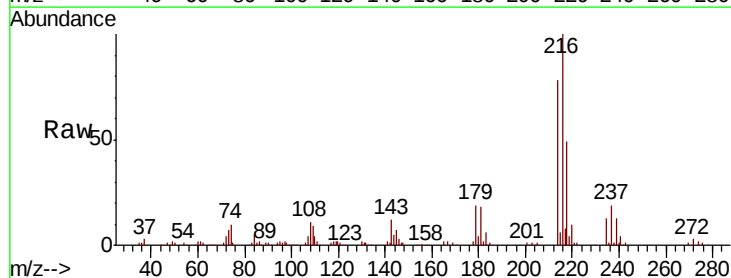
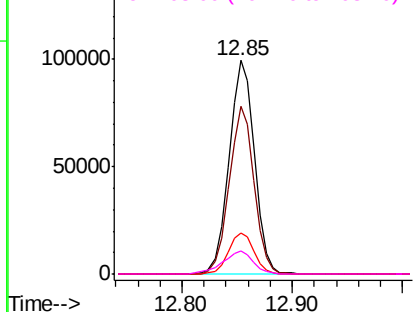
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.093 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

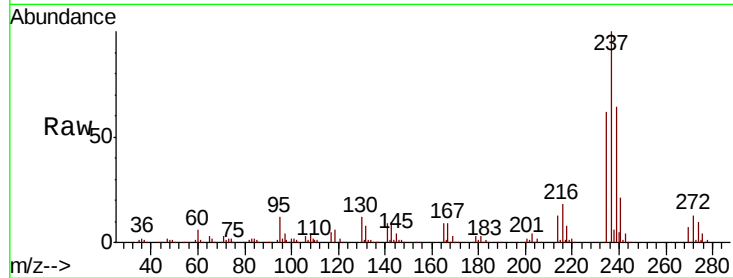
ClientSampleId :

PB122619BS

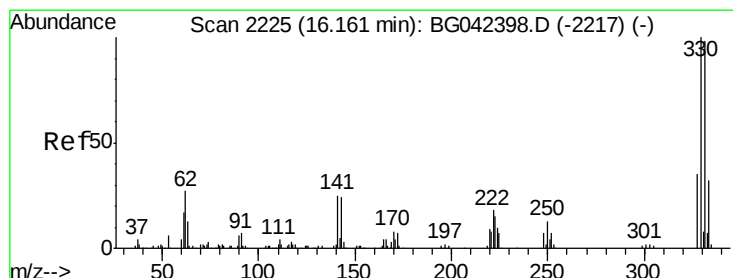
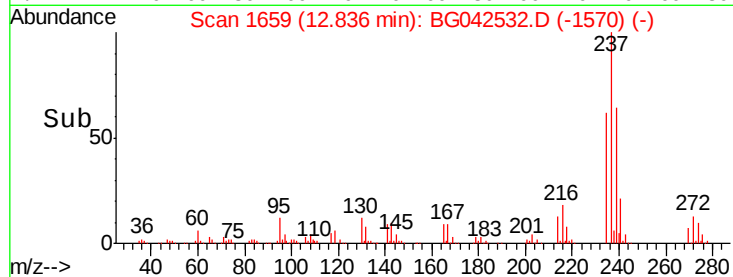
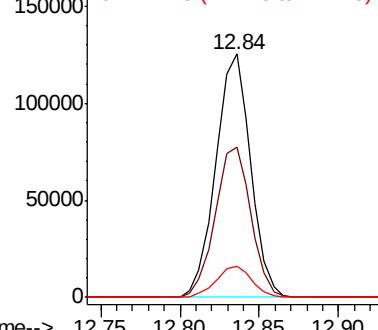
Tot Ion:	237	Resp:	190706
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.7	83.7
272	12.9	0.0	33.3

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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: 118.488 ng

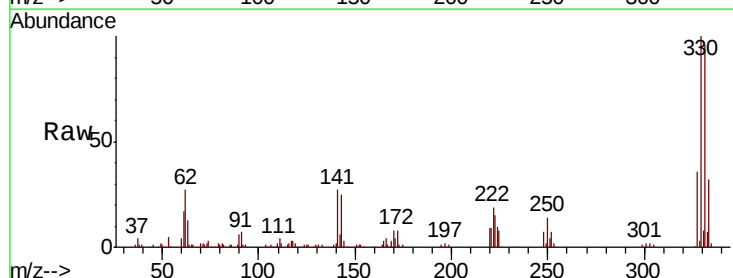
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

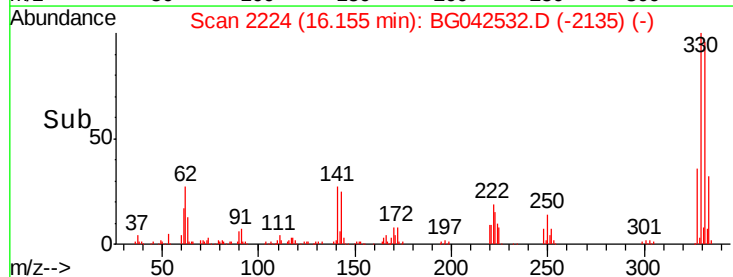
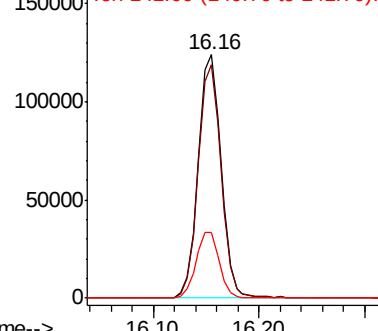
Lab File: BG042532.D

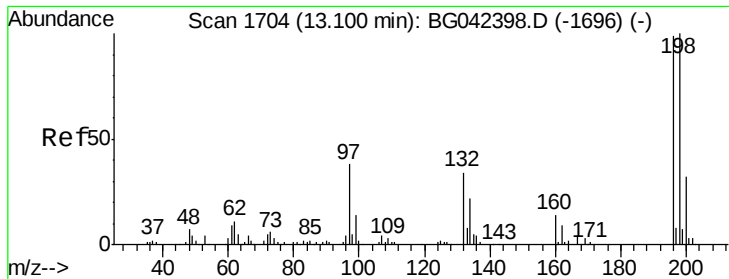
Acq: 28 Aug 2019 14:38

Tgt Ion:	330	Resp:	186489
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.0
141	27.3	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





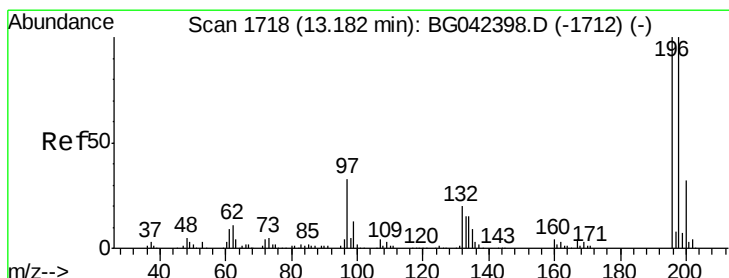
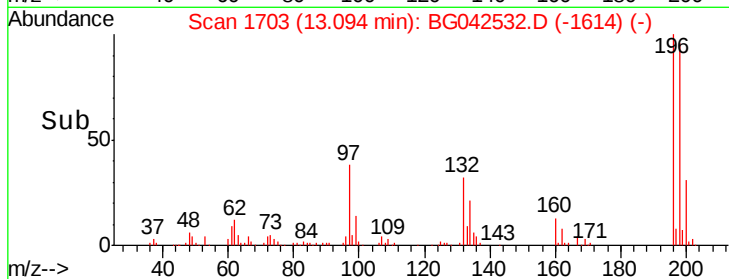
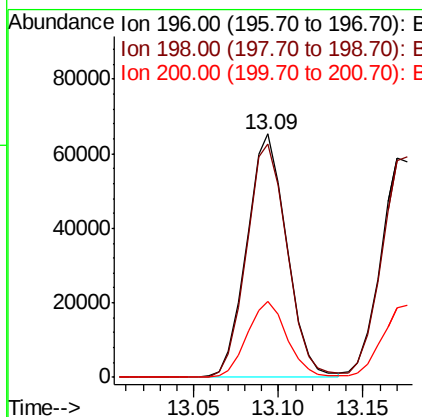
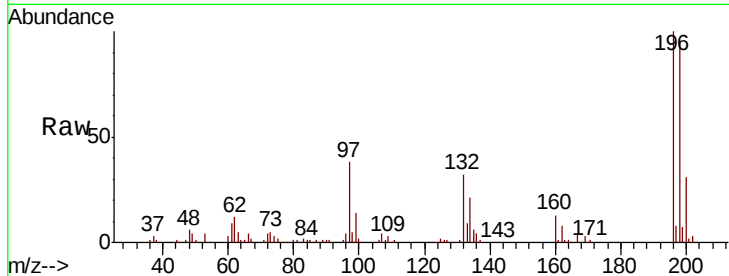
#43
 2,4,6-Trichlorophenol
 Concen: 44.635 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107287		
198	96.0	80.7	121.1	
200	31.0	25.7	38.5	

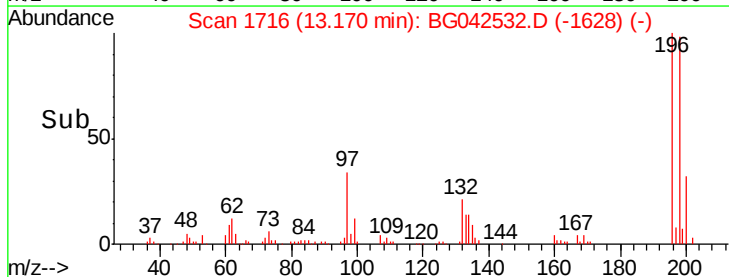
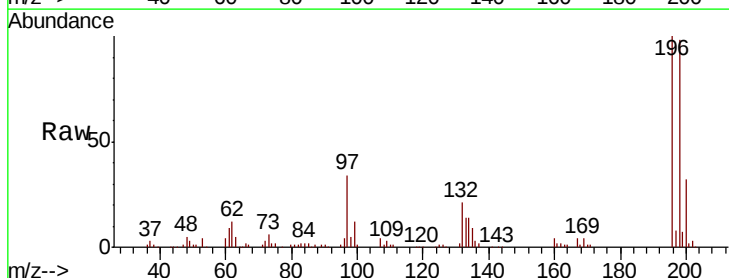
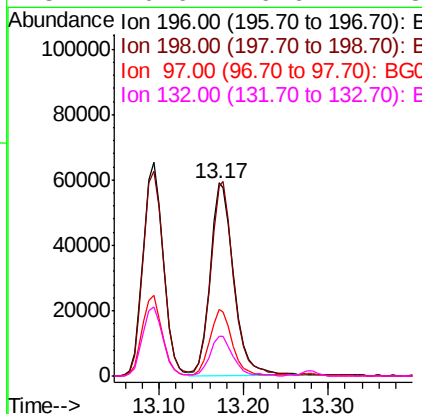
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#44
 2,4,5-Trichlorophenol
 Concen: 46.523 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115883		
198	98.4	80.2	120.4	
97	34.3	26.3	39.5	
132	20.6	16.6	24.8	





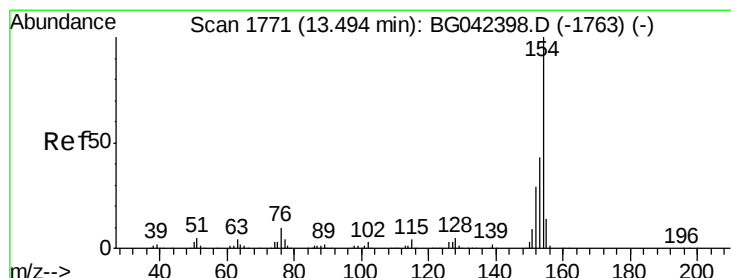
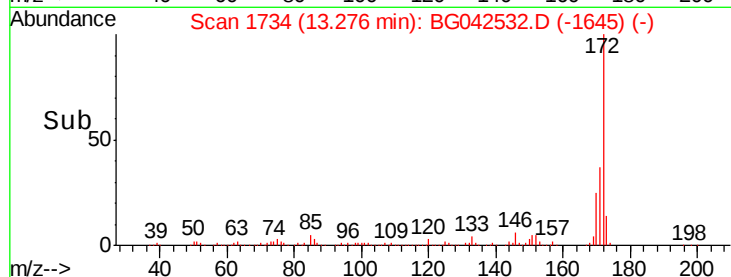
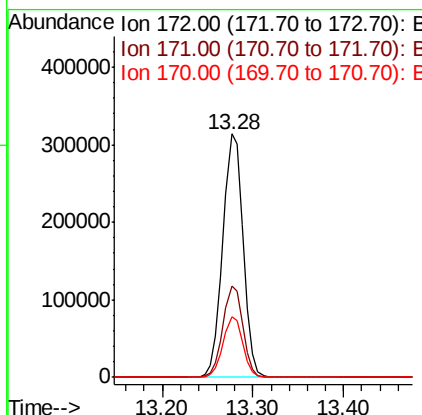
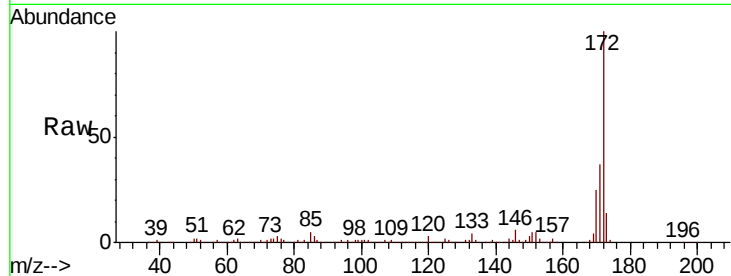
#45
 2-Fluorobiphenyl
 Concen: 74.488 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.8	20.2	30.2

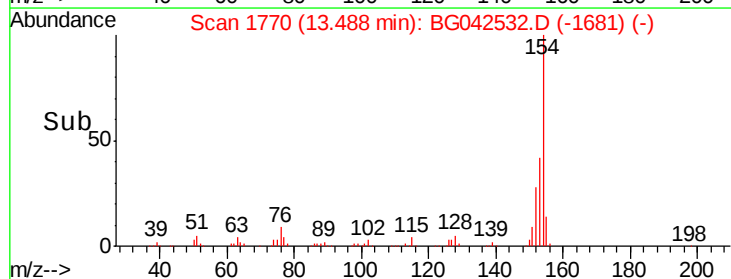
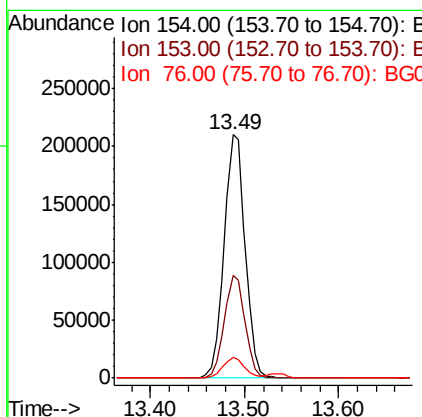
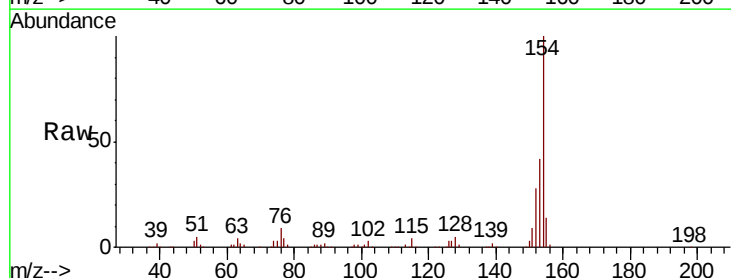
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#46
 1,1'-Biphenyl
 Concen: 45.487 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	23.0	63.0
76	8.6	0.0	29.6





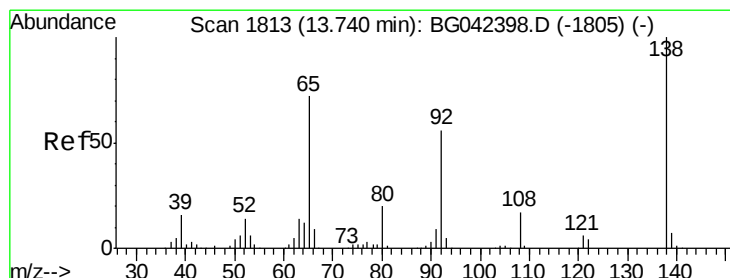
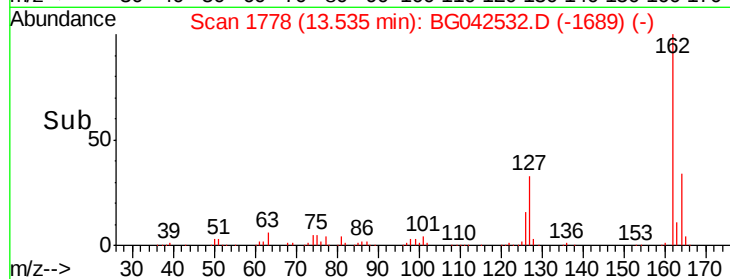
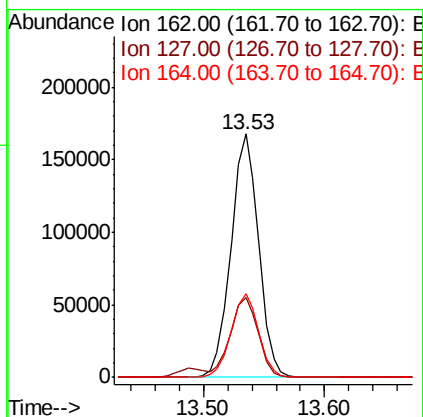
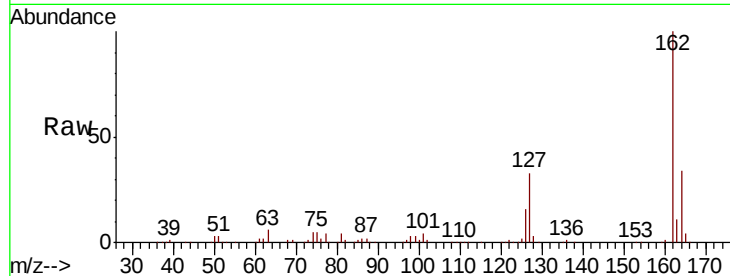
#47
 2-Chloronaphthalene
 Concen: 43.136 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266239		
127	33.0		26.0	39.0
164	34.2		27.4	41.0

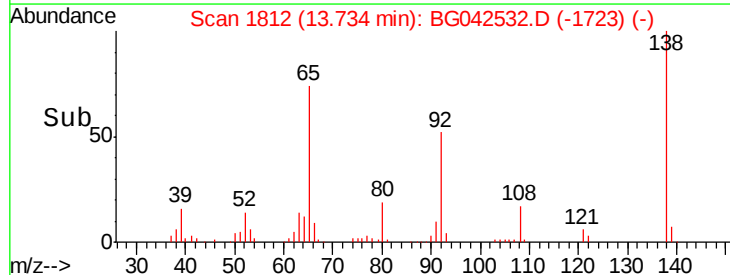
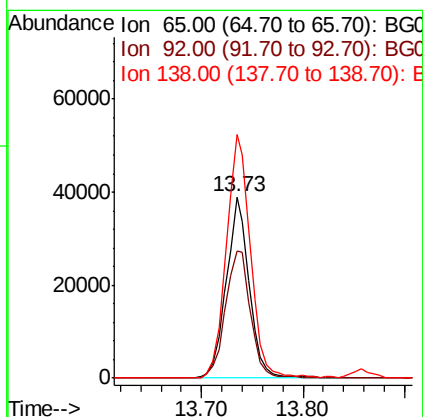
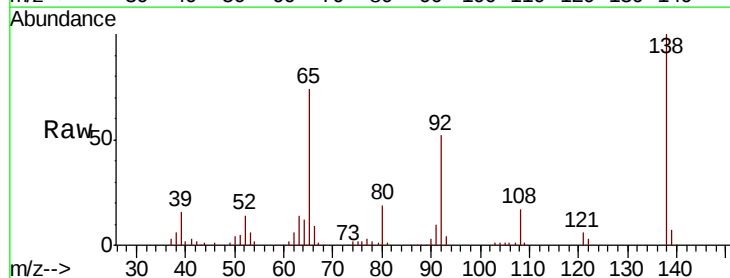
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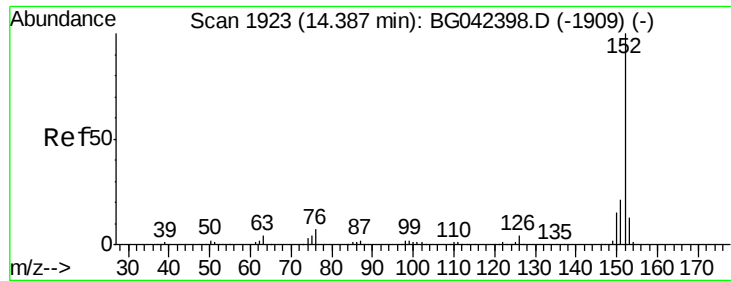
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#48
 2-Nitroaniline
 Concen: 41.015 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	61045		
92	70.4		61.8	92.6
138	134.5		111.0	166.6





#49

Acenaphthylene

Concen: 45.400 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

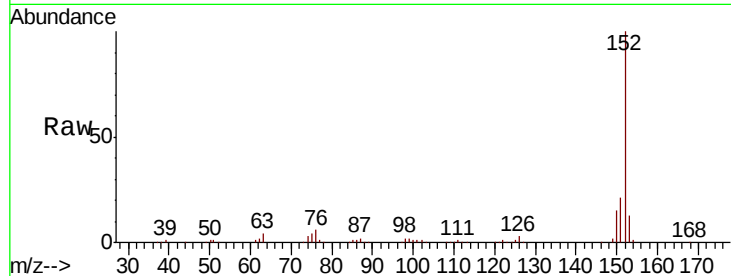
ClientSampleId :

PB122619BS

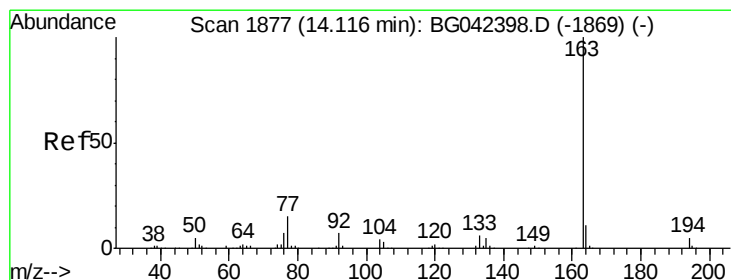
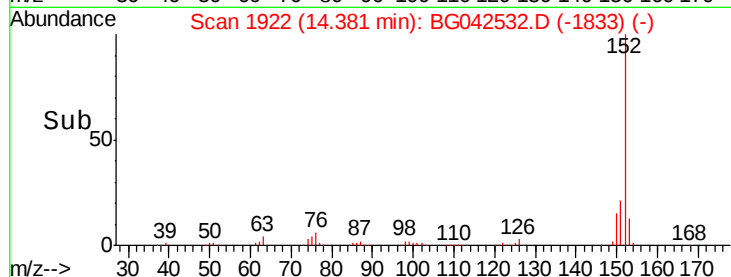
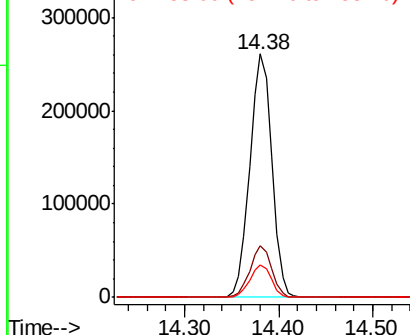
Tot Ion:	152	Resp:	421570
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.0	25.4
153	13.2	10.6	16.0

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



#50

Dimethylphthalate

Concen: 43.108 ng

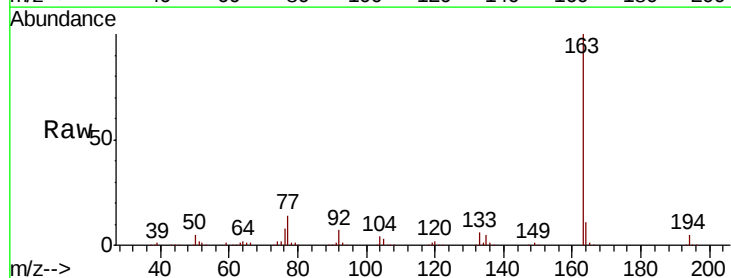
RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

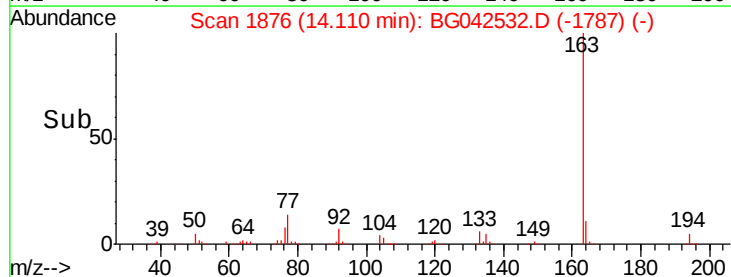
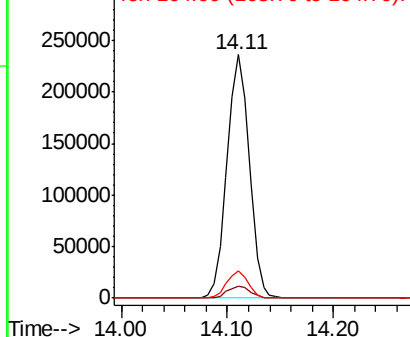
Lab File: BG042532.D

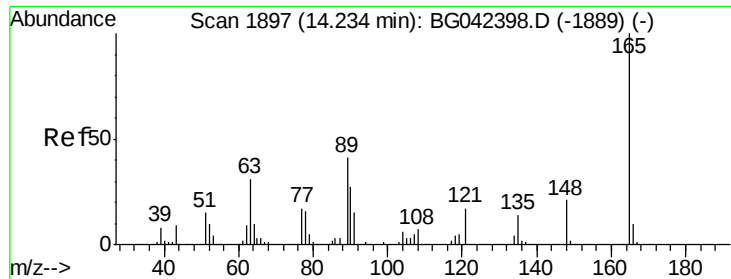
Acq: 28 Aug 2019 14:38

Tgt Ion:	163	Resp:	344431
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.2	6.2
164	11.0	8.8	13.2



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





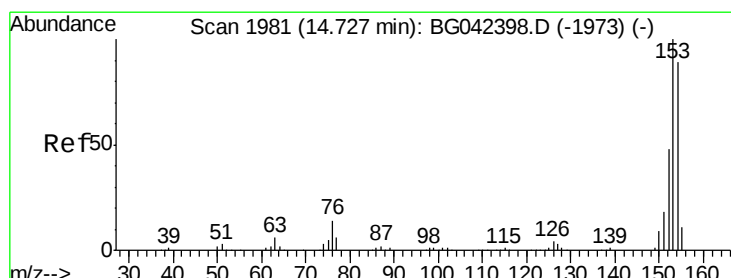
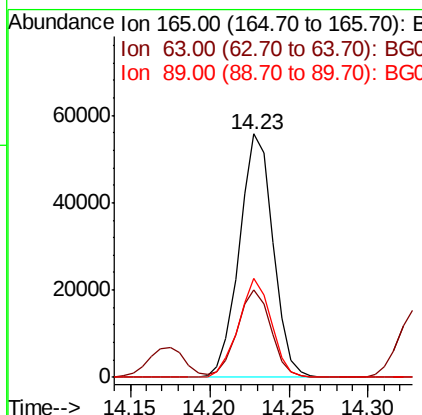
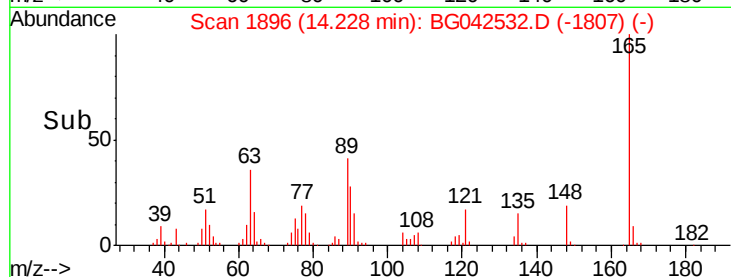
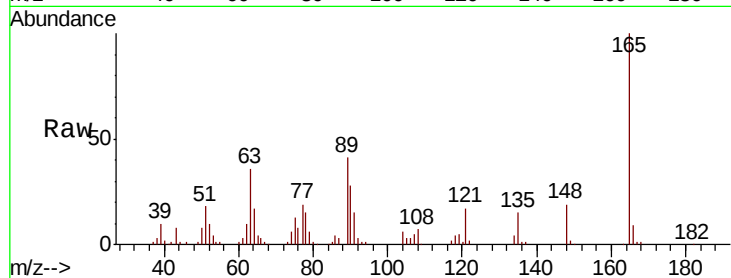
#51
2,6-Dinitrotoluene
Concen: 44.434 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.7	30.6	45.8
89	40.6	32.6	49.0

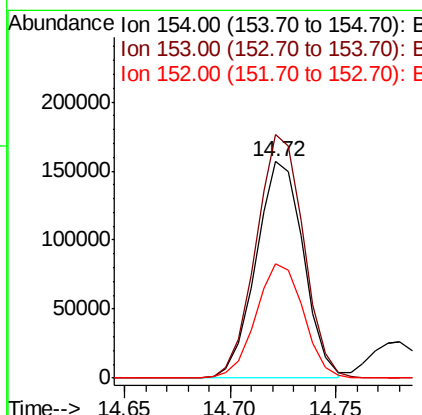
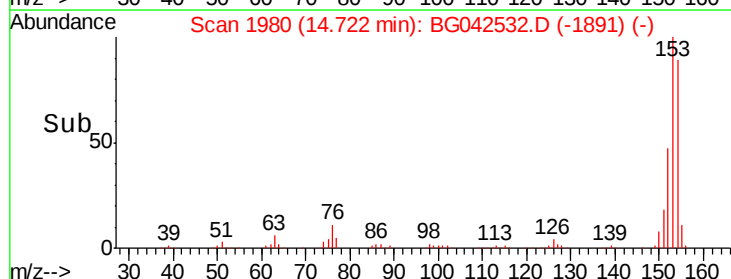
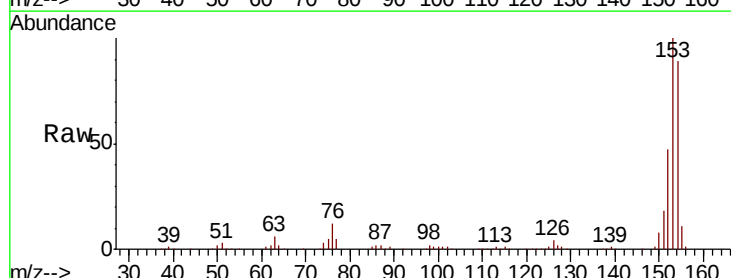
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#52
Acenaphthene
Concen: 43.469 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.2	135.4
152	52.8	43.2	64.8





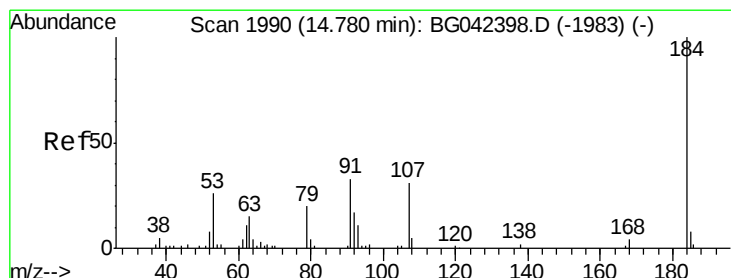
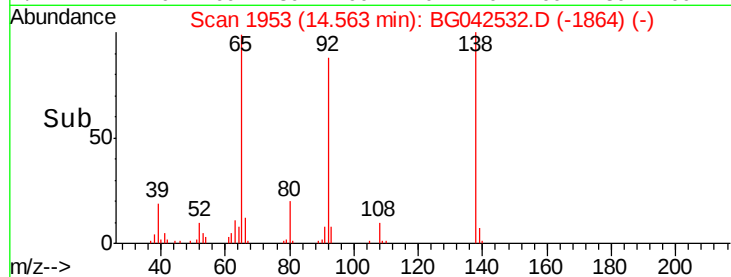
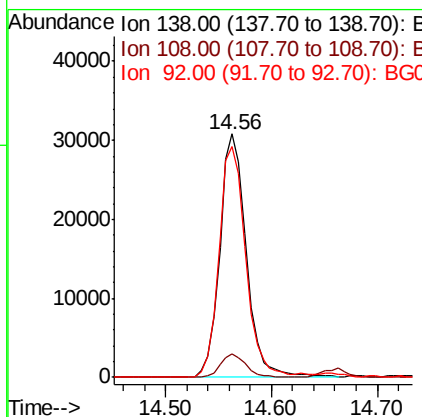
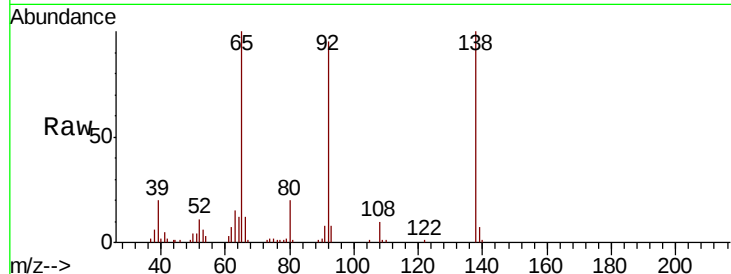
#53
 3-Nitroaniline
 Concen: 28.979 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.3	12.5
92	94.7	78.2	117.4

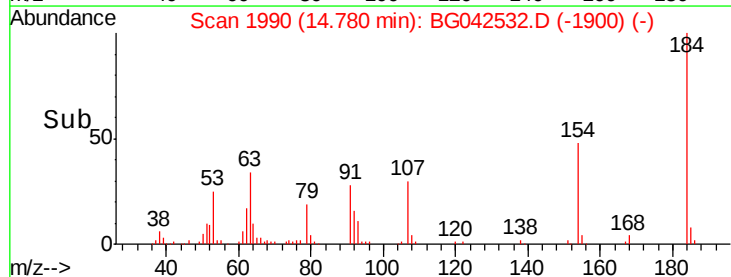
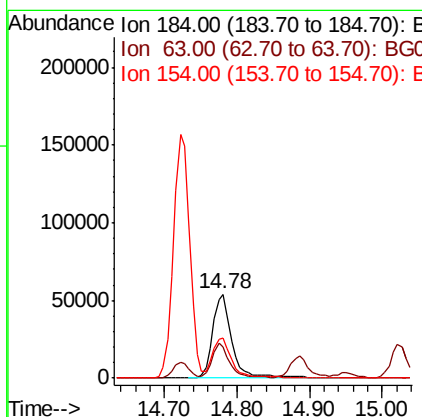
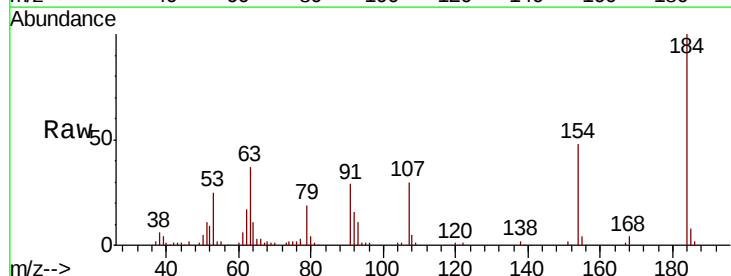
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#54
 2,4-Dinitrophenol
 Concen: 80.537 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	36.6	31.7	47.5
154	48.1	42.0	63.0





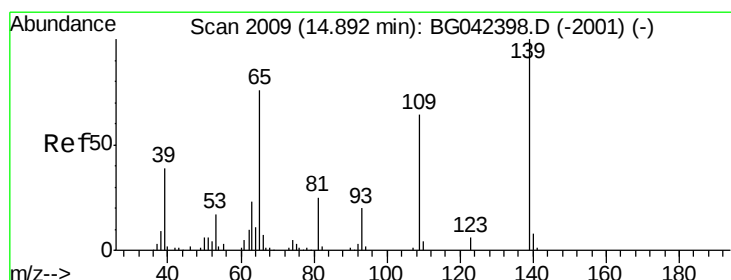
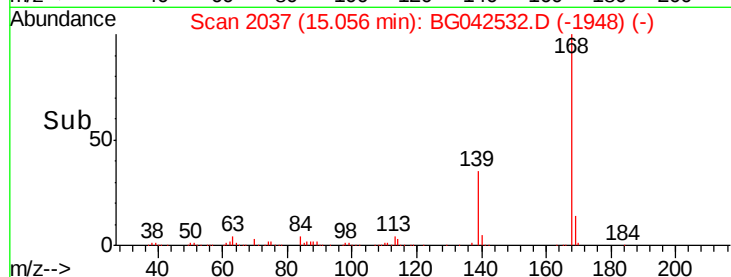
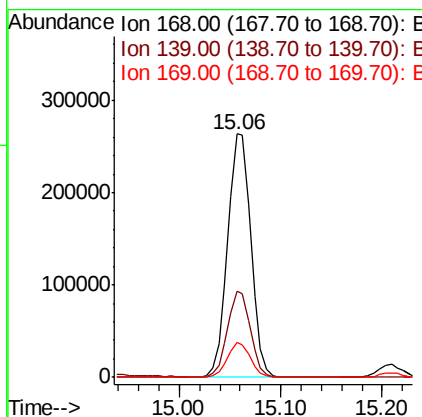
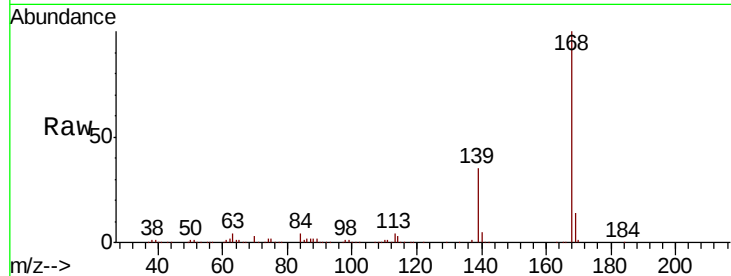
#55
Dibenzenofuran
Concen: 44.985 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.4	27.2	40.8	
169	14.4	11.5	17.3	

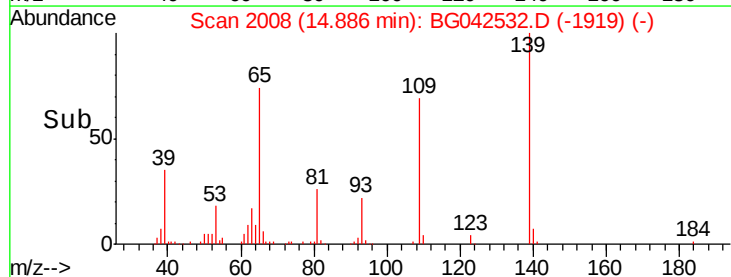
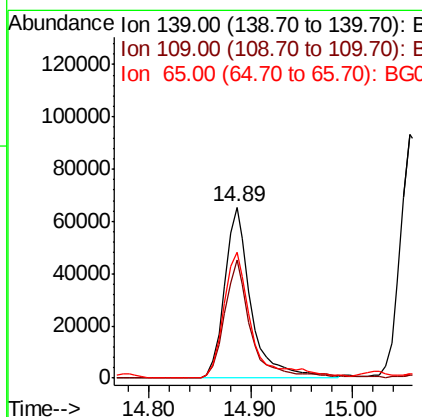
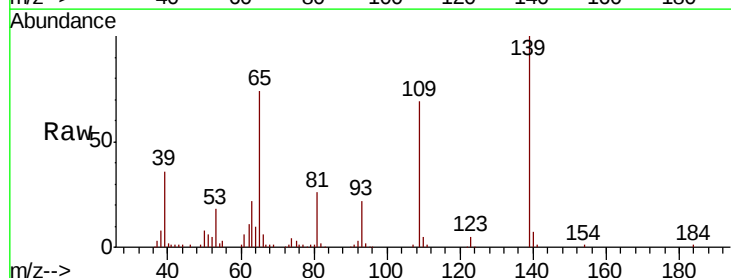
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#56
4-Nitrophenol
Concen: 90.067 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.3	43.9	83.9	
65	73.6	56.3	96.3	





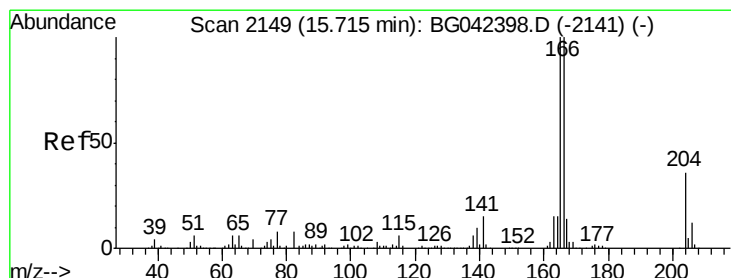
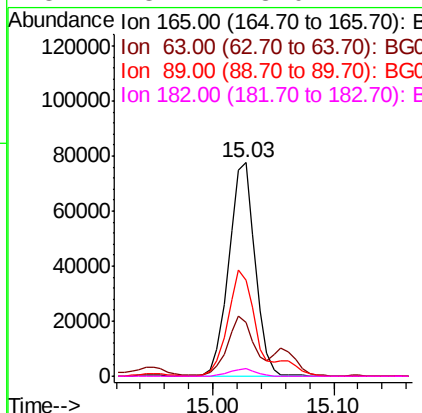
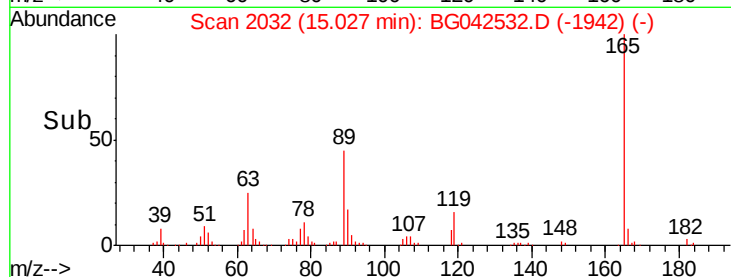
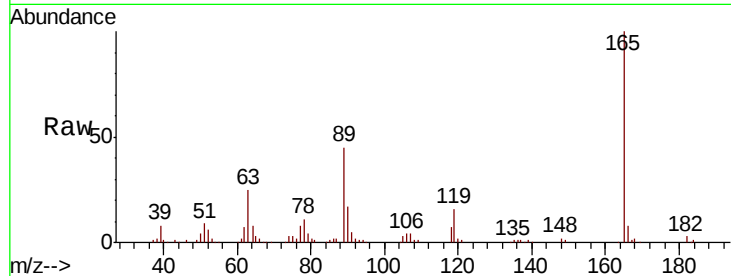
#57
 2,4-Dinitrotoluene
 Concen: 44.175 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		117154		
63	25.4	22.5	33.7		
89	44.9	37.8	56.6		
182	3.4	3.0	4.4		

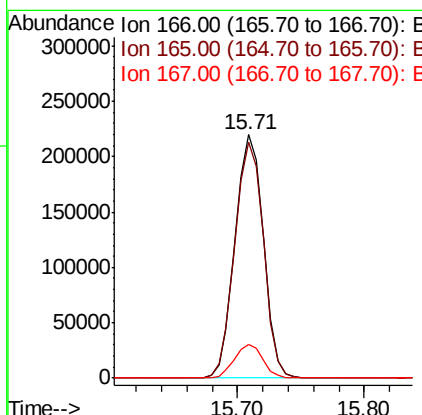
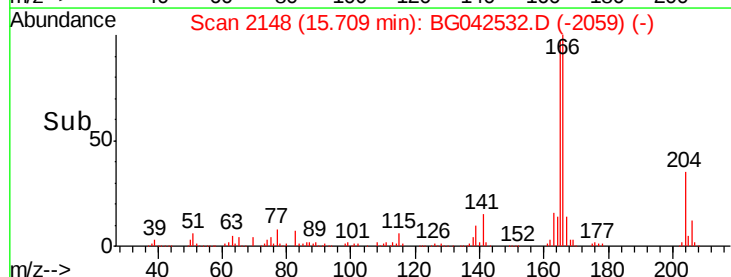
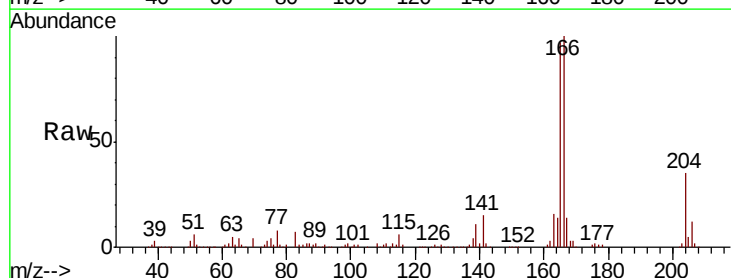
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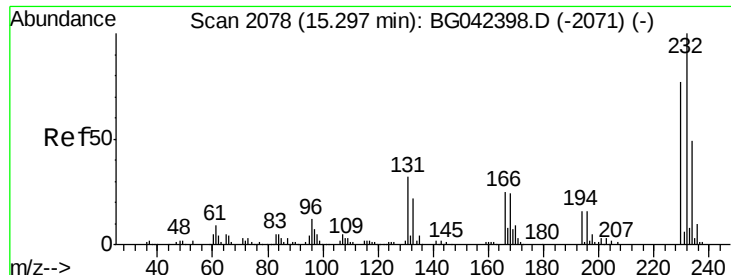
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#58
 Fluorene
 Concen: 44.513 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		339604		
165	96.9	79.7	119.5		
167	13.8	10.9	16.3		





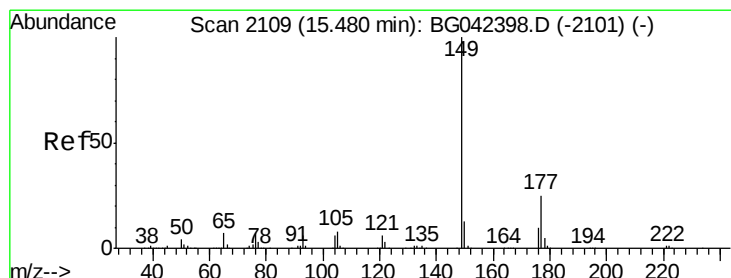
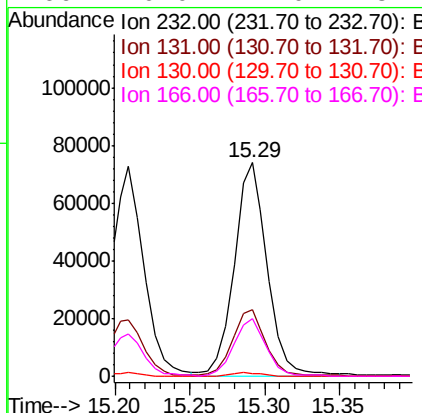
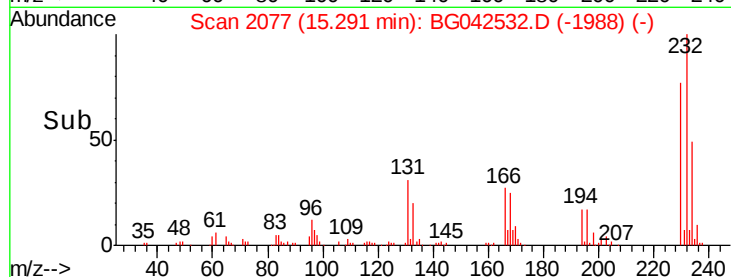
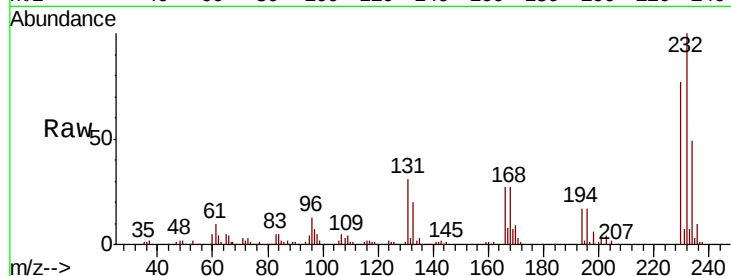
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.498 ng/ml
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleID :
 PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	114539		
131	27.6		22.9	34.3
130	1.7		1.4	2.0
166	20.0		17.0	25.4

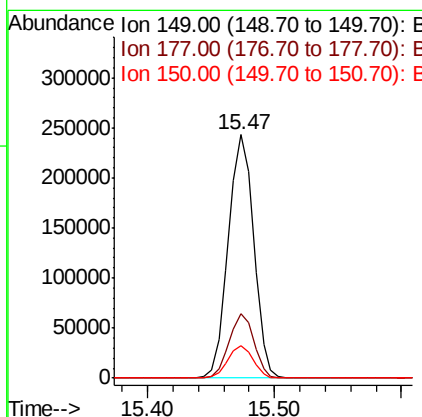
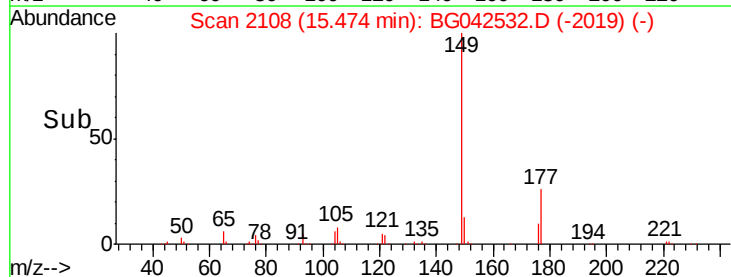
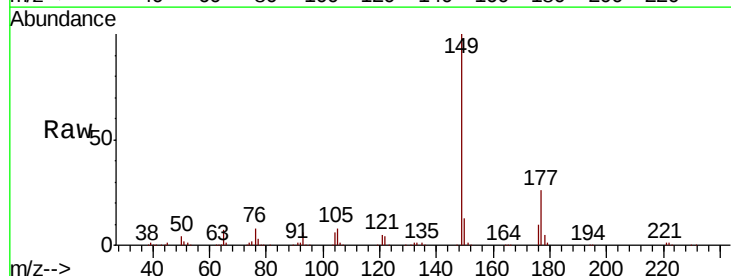
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#60
 Diethylphthalate
 Concen: 43.095 ng/ml
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	336597		
177	26.5		20.4	30.6
150	13.1		10.3	15.5





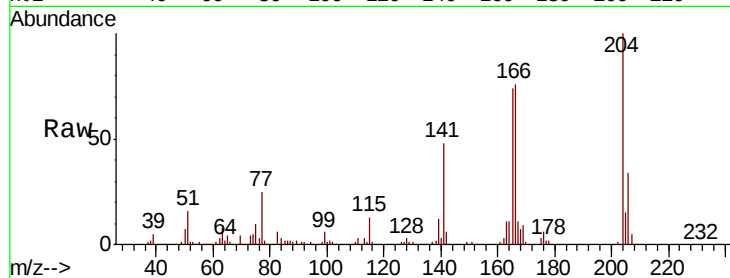
#61
 4-Chlorophenyl-phenylether
 Concen: 43.788 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

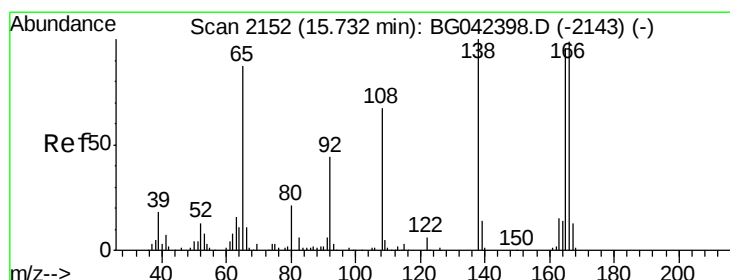
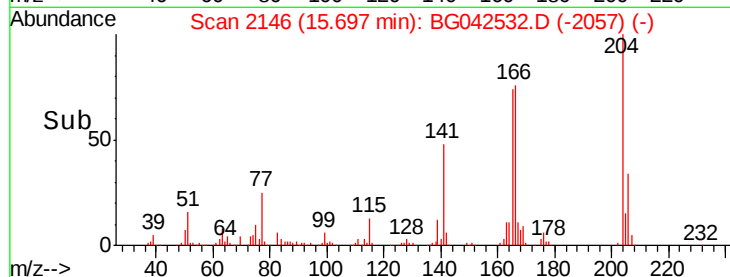
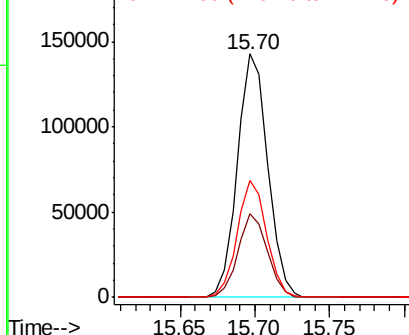
Tot Ion:	204	Resp:	201381
Ion Ratio	Lower	Upper	
204	100		
206	34.3	27.2	40.8
141	47.8	38.7	58.1

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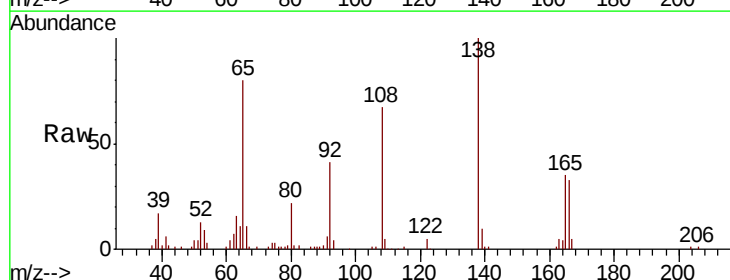


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

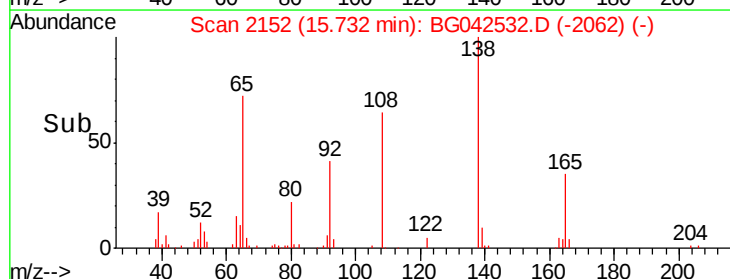
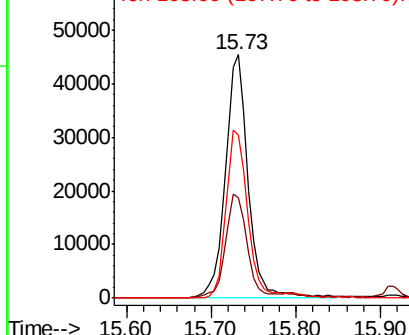


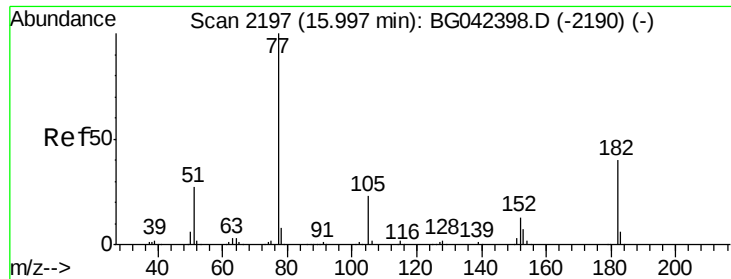
#62
 4-Nitroaniline
 Concen: 42.248 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion:	138	Resp:	83747
Ion Ratio	Lower	Upper	
138	100		
92	41.0	24.2	64.2
108	67.0	46.8	86.8



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





#63

Azobenzene

Concen: 43.086 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

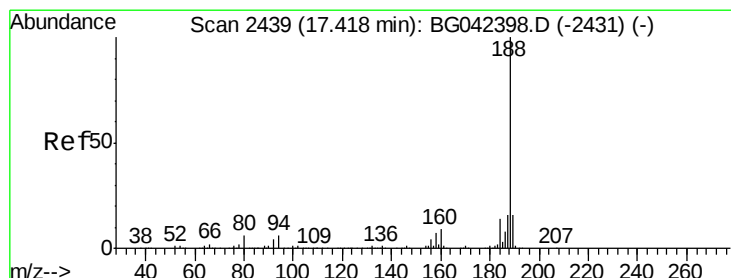
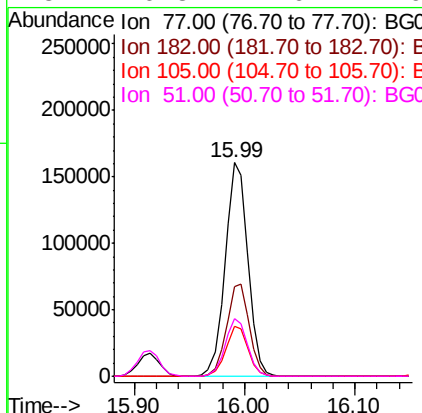
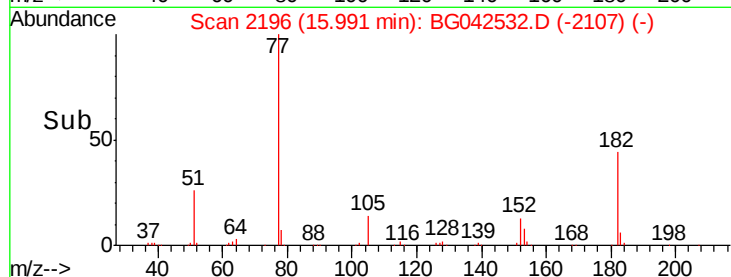
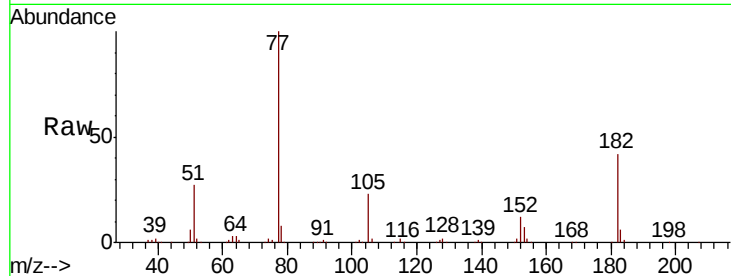
ClientSampleId :

PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	230595		
182	41.7	19.9	59.9	
105	23.4	2.9	42.9	
51	26.8	7.6	47.6	

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#64

Phenanthrene-d10

Concen: 20.000 ng

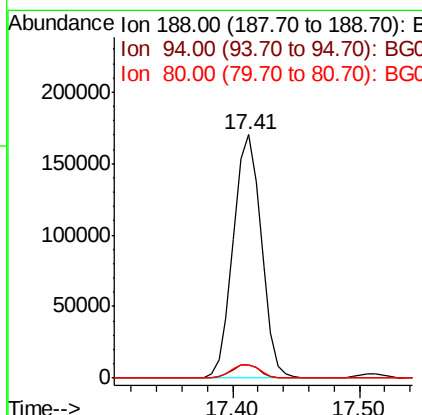
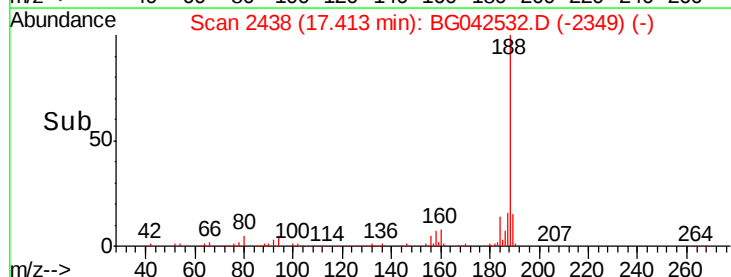
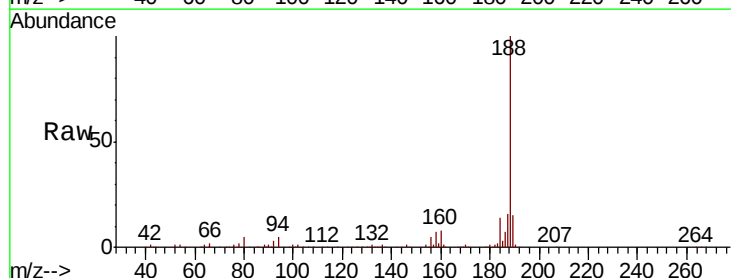
RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	260985		
94	5.4	4.5	6.7	
80	5.5	4.9	7.3	





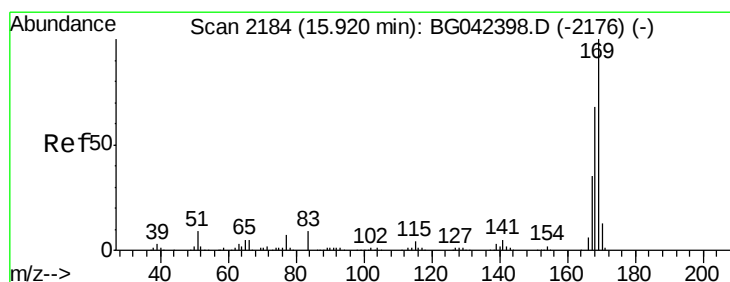
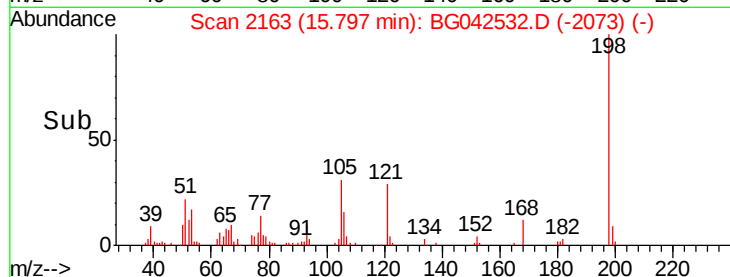
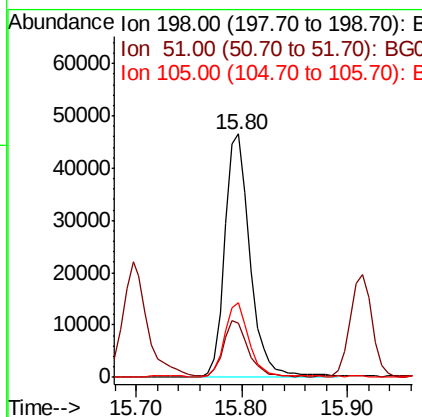
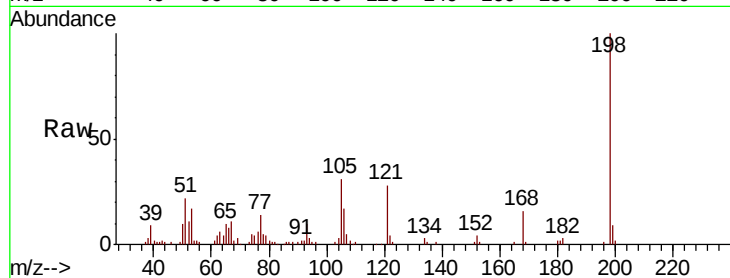
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.198 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	77228		
51	22.2		4.2	44.2
105	30.8		8.8	48.8

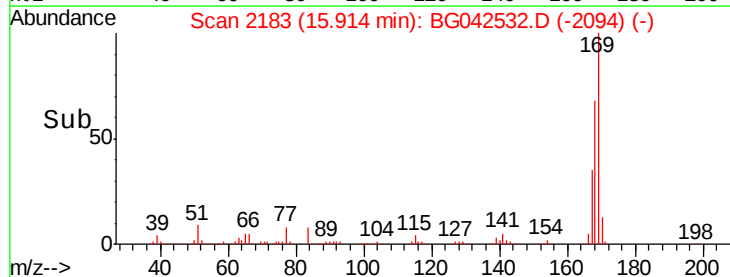
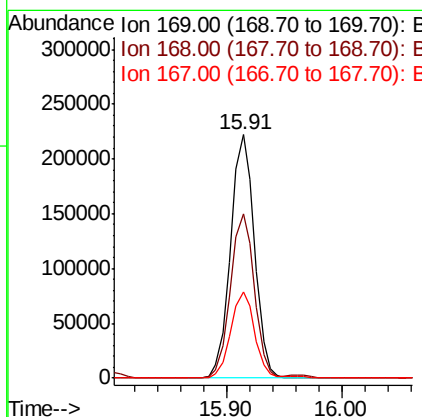
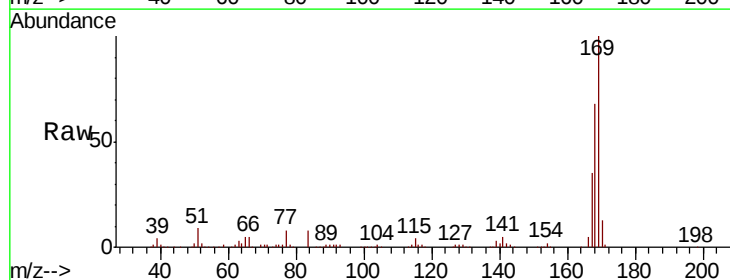
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#66
 n-Nitrosodiphenylamine
 Concen: 44.233 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	317473		
168	67.5		54.3	81.5
167	35.3		28.2	42.2





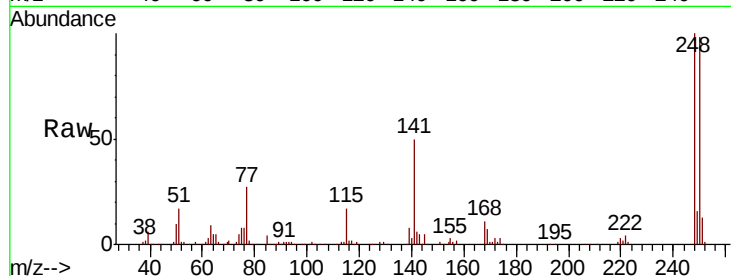
#67
 4-Bromophenyl-phenylether
 Concen: 42.688 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampled :
 PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	141316		
250	98.5	78.9	118.3	
141	50.2	43.3	64.9	

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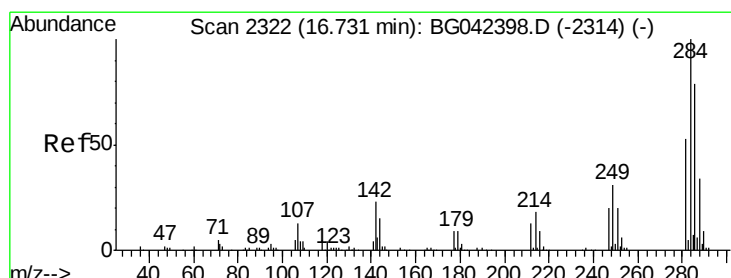
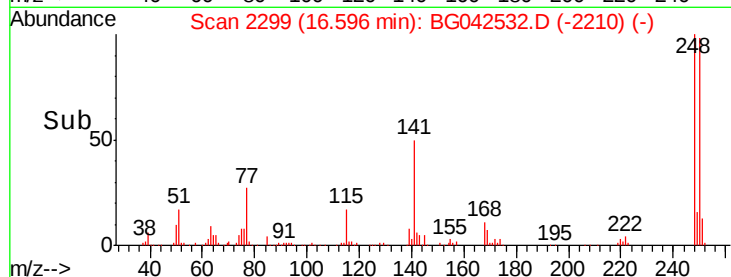
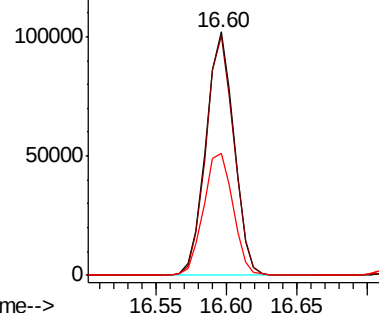


Abundance

Ion 248.00 (247.70 to 248.70): E

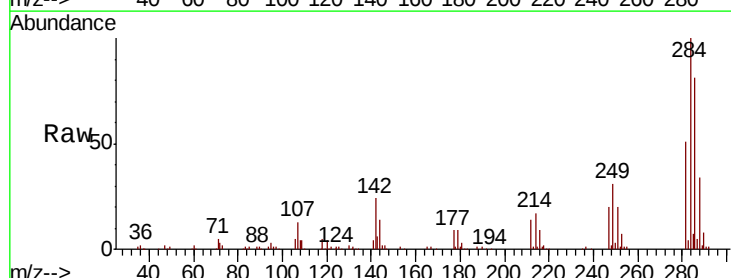
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.264 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	148495		
142	23.9	18.2	27.4	
249	31.4	25.0	37.4	

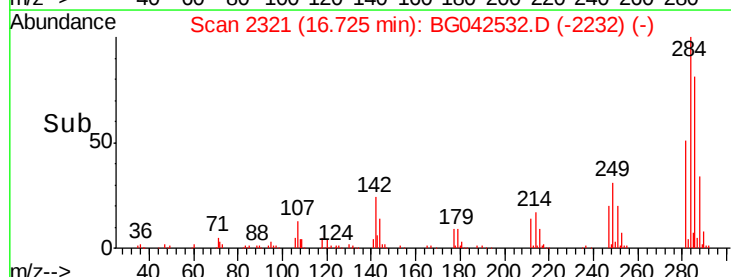
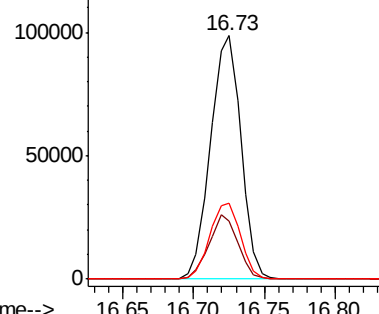


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





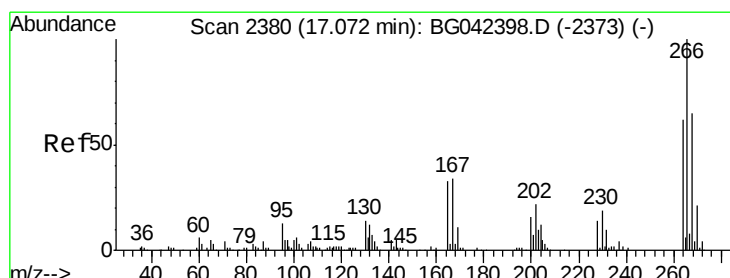
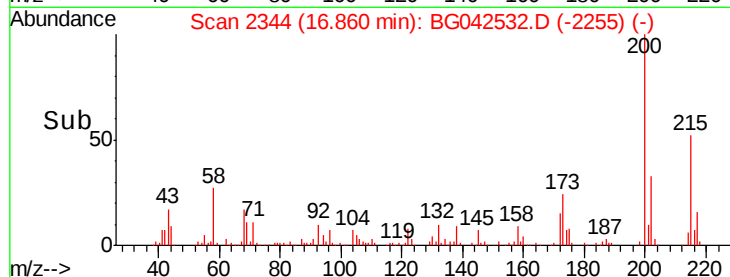
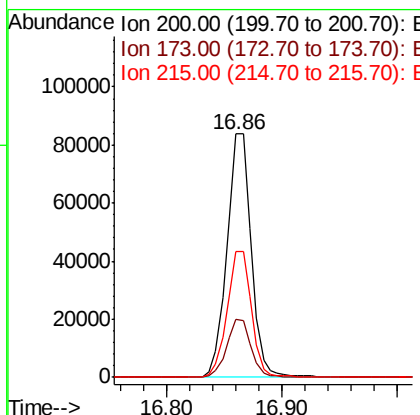
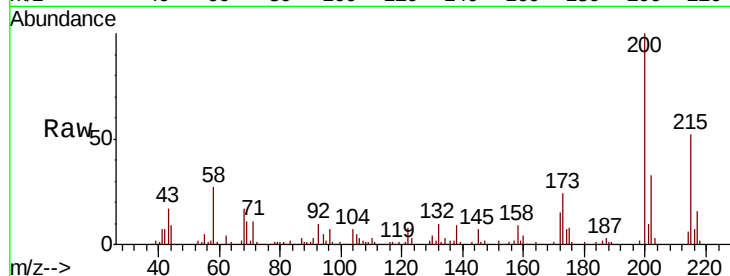
#69
 Atrazine
 Concen: 47.997 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampled :
 PB122619BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.0	4.9	44.9
215	51.8	30.7	70.7

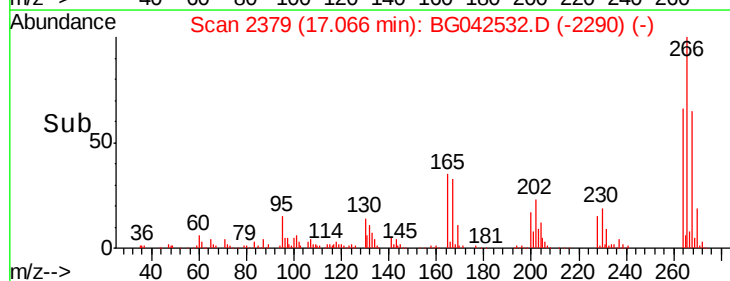
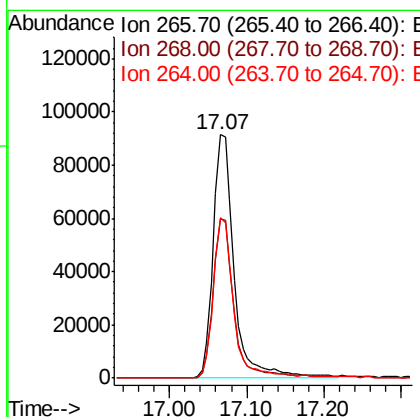
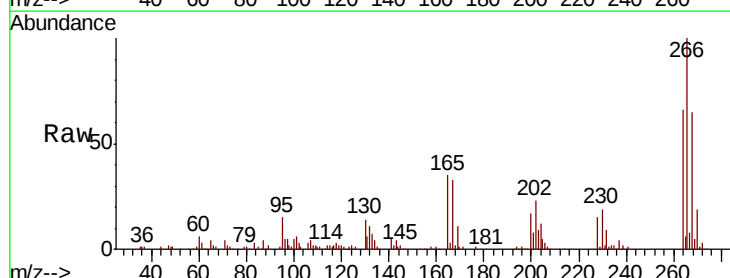
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#70
 Pentachlorophenol
 Concen: 92.410 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.2	52.1	78.1
264	65.8	49.4	74.2





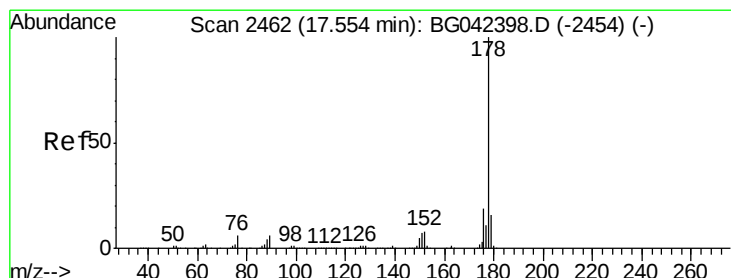
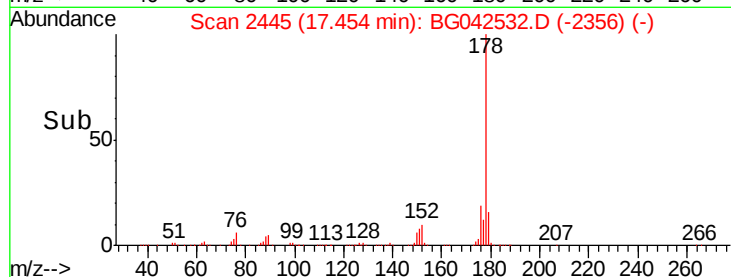
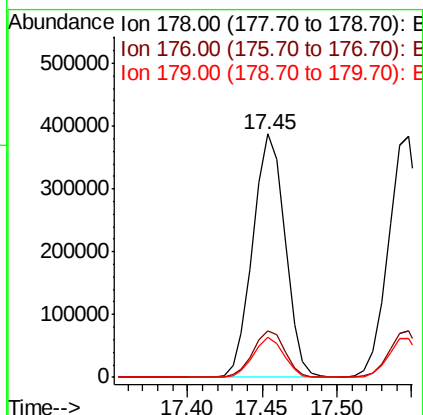
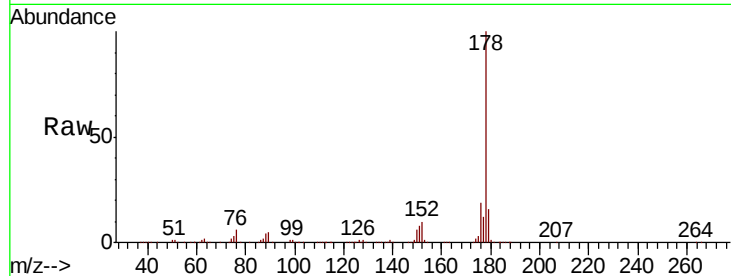
#71
Phenanthrene
Concen: 44.705 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampled :
PB122619BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.3	12.7	19.1

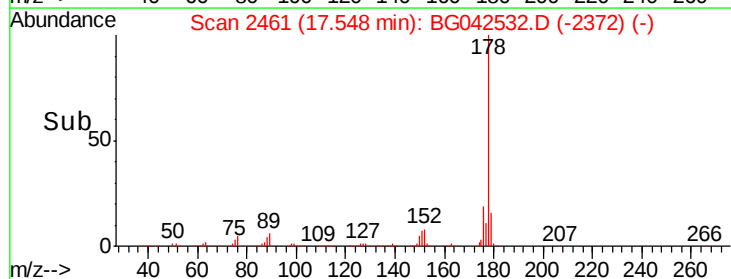
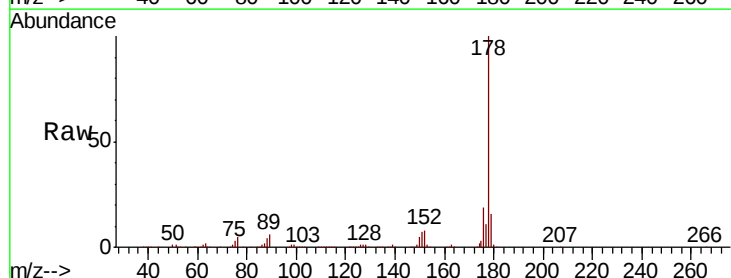
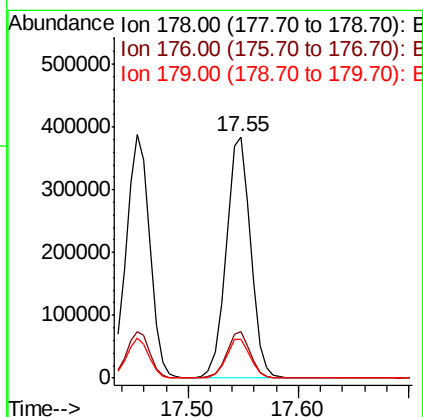
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#72
Anthracene
Concen: 45.923 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.0	12.9	19.3





#73

Carbazole

Concen: 45.583 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

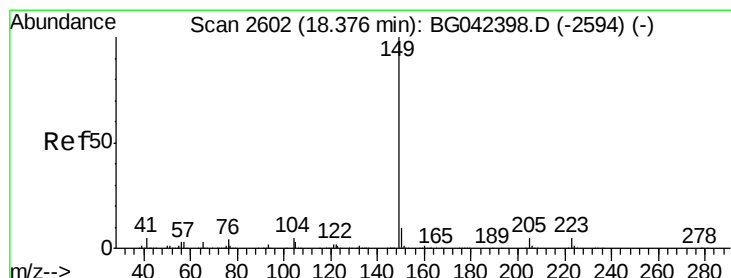
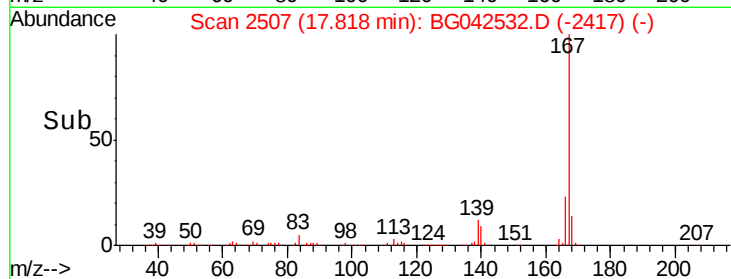
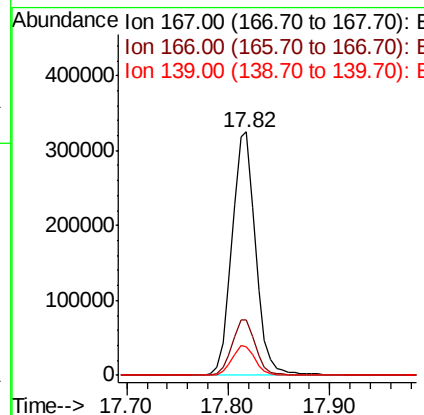
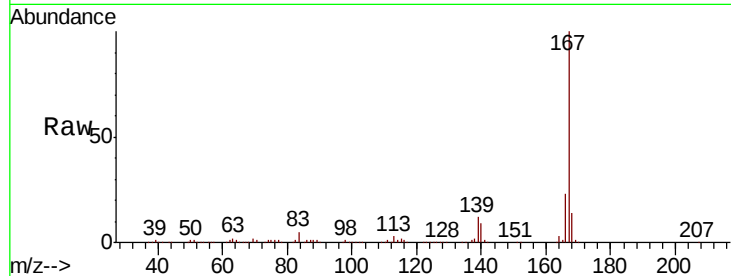
ClientSampleId :

PB122619BS

Tot Ion:	167	Resp:	525755
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.9	28.3
139	11.7	9.8	14.6

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#74

Di-n-butylphthalate

Concen: 44.585 ng

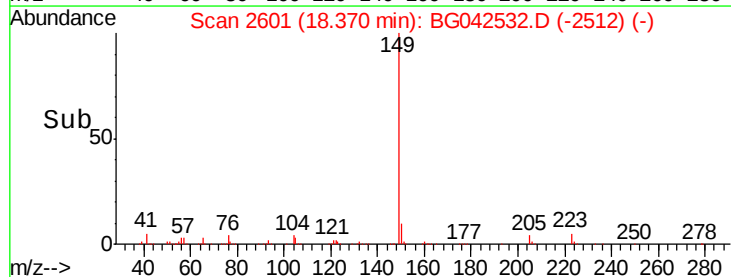
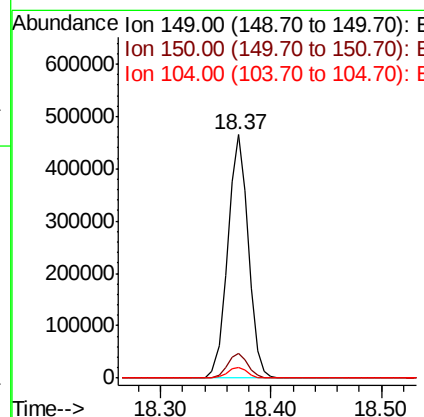
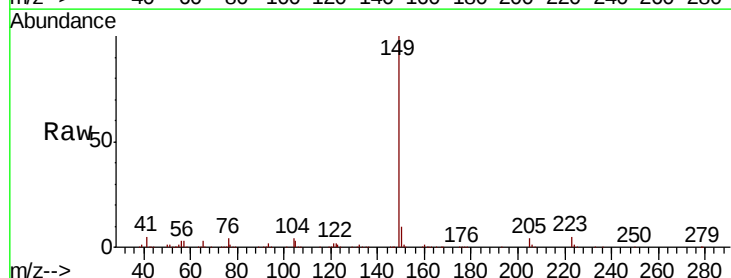
RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	149	Resp:	607879
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 48.471 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

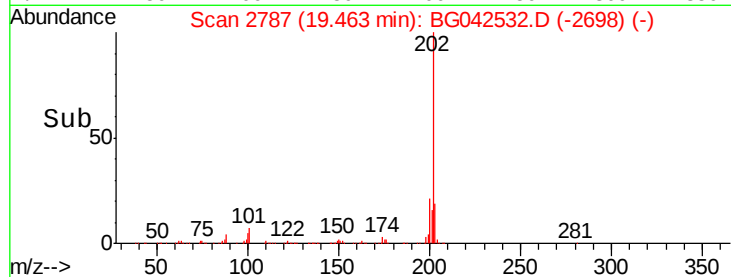
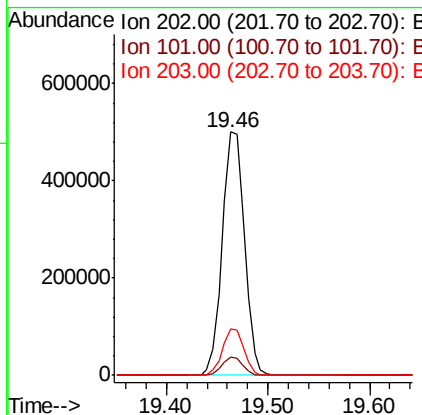
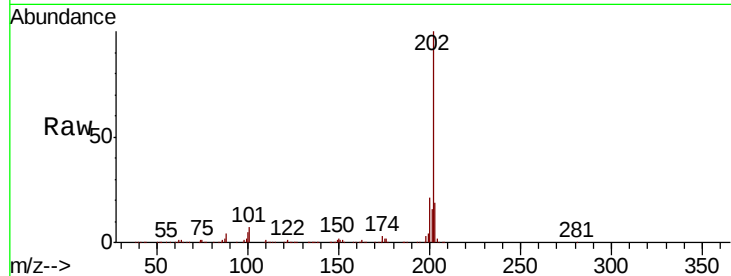
ClientSampleId :

PB122619BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		766862		
101	7.5	0.0	28.3		
203	19.0	0.0	39.6		

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#76

Chrysene-d12

Concen: 20.000 ng

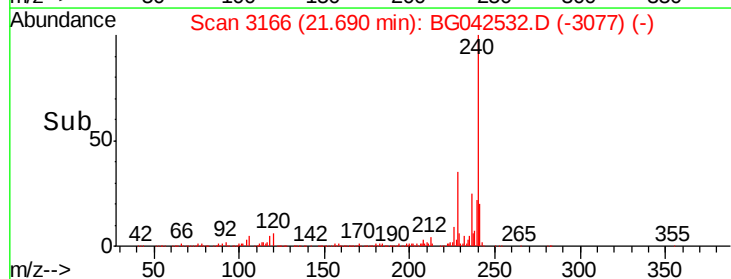
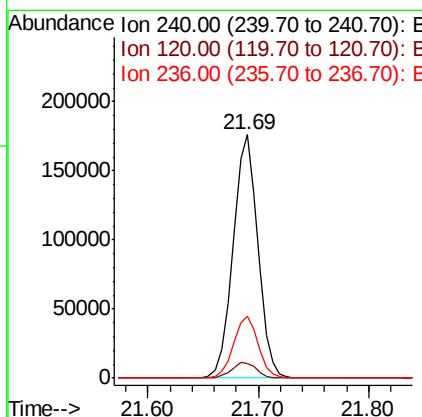
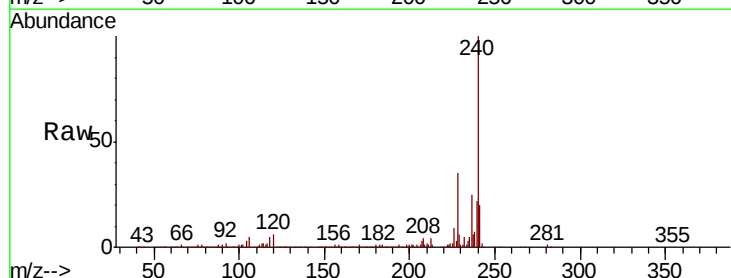
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		277477		
120	6.1	5.7	8.5		
236	25.4	21.0	31.4		





#77

Benzidine

Concen: 42.771 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

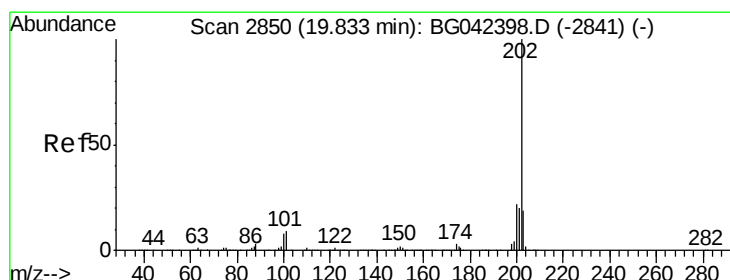
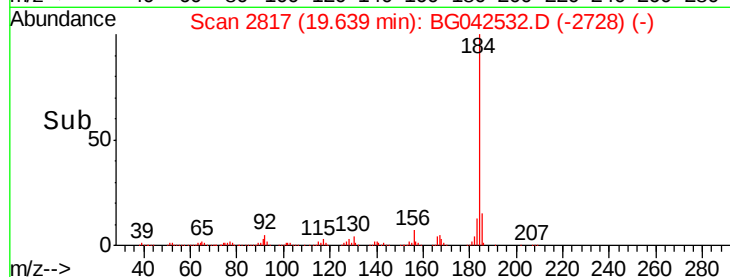
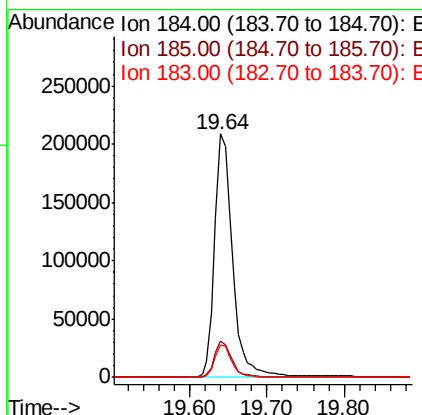
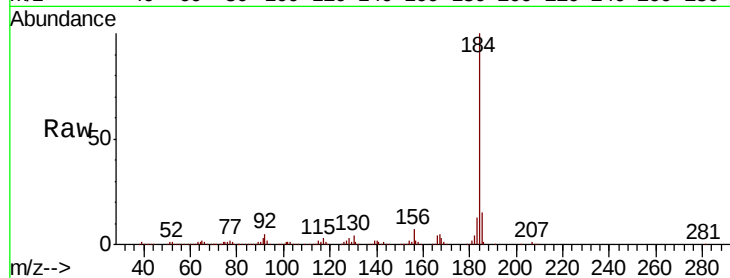
ClientSampleId :

PB122619BS

Tot Ion:	184	Resp:	340260
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.4
183	13.1	10.8	16.2

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#78

Pyrene

Concen: 45.399 ng

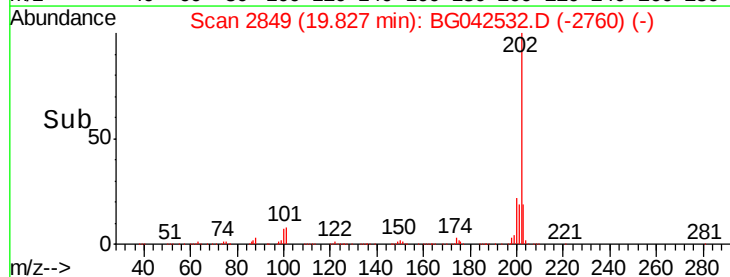
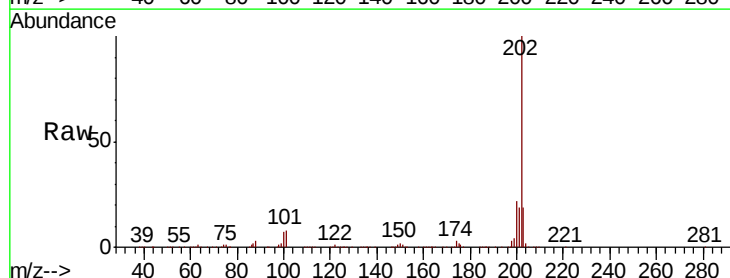
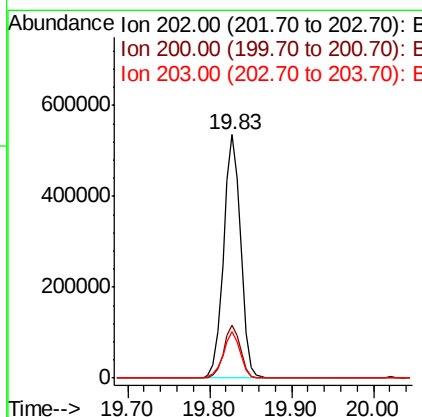
RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	202	Resp:	772330
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	19.2	15.5	23.3





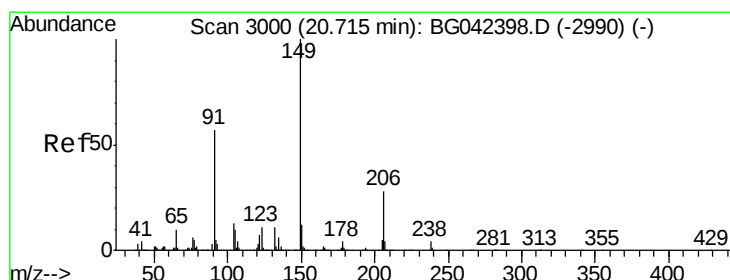
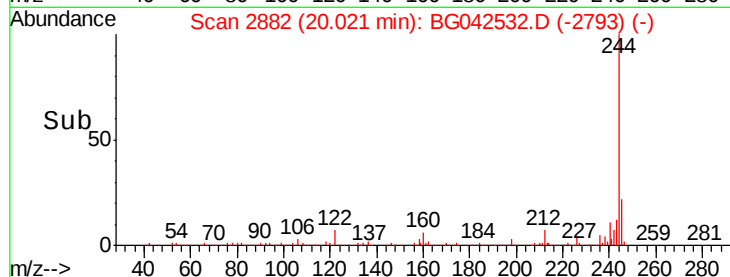
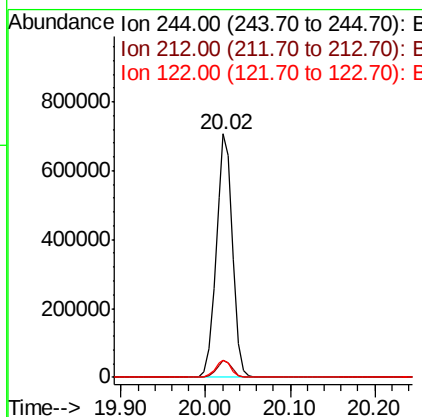
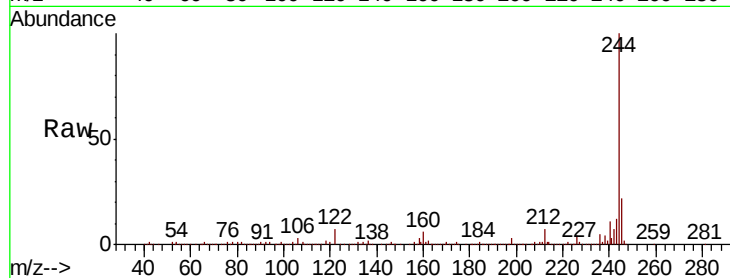
#79
 Terphenyl-d14
 Concen: 74.590 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Instrument :
 BNA_G
 ClientSampleId :
 PB122619BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100	957340		
212	7.0		6.0	9.0
122	7.2		6.7	10.1

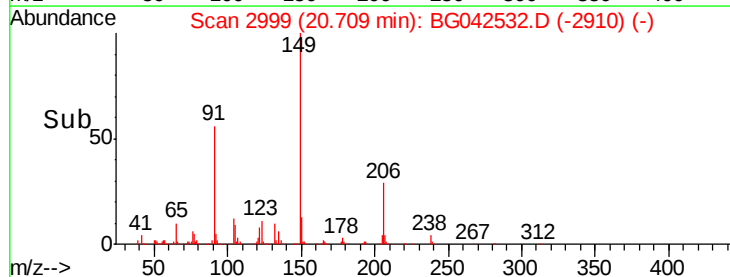
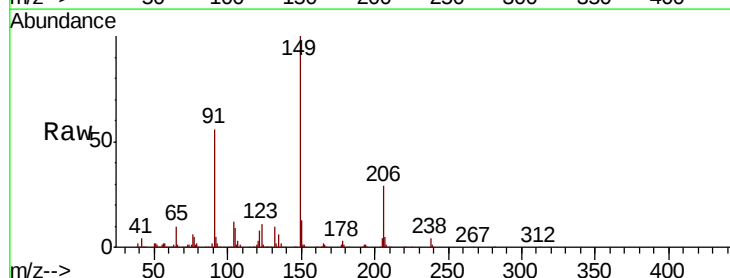
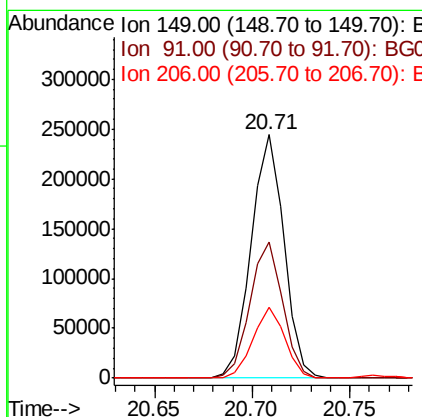
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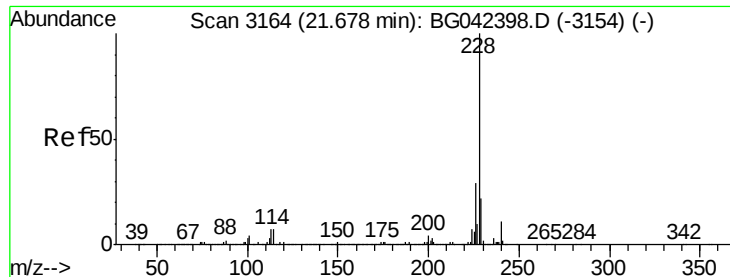
Jagrut
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#80
 Butylbenzylphthalate
 Concen: 42.505 ng
 RT: 20.71 min Scan# 2999
 Delta R.T. -0.01 min
 Lab File: BG042532.D
 Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	284406		
91	55.6		45.9	68.9
206	29.2		22.5	33.7





#81

Benzo(a)anthracene

Concen: 44.356 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

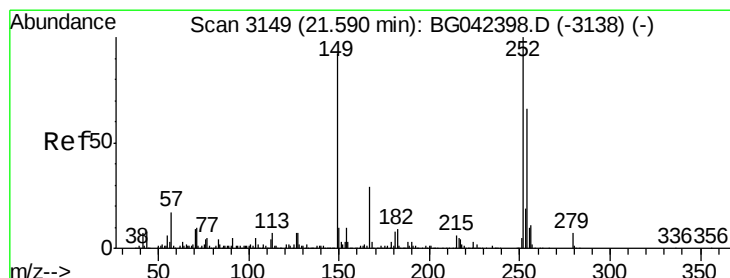
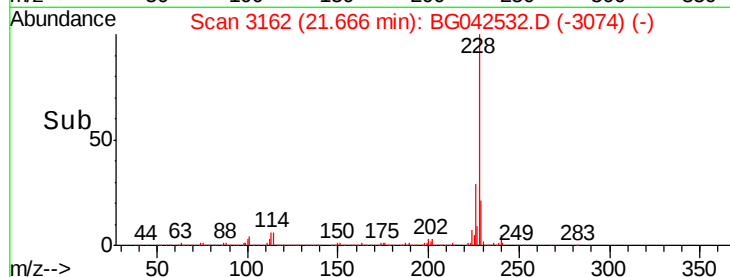
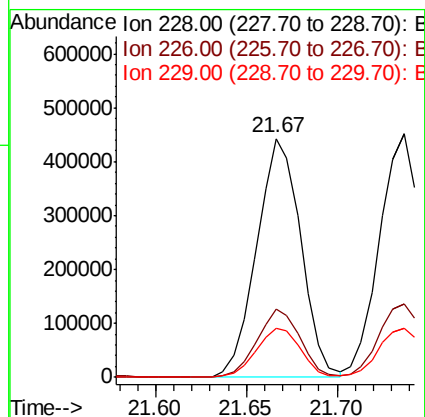
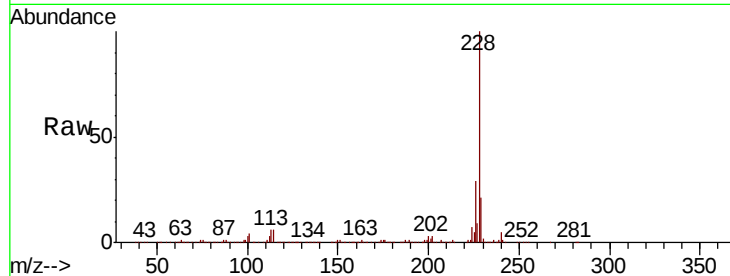
ClientSampleId :

PB122619BS

Tot Ion:	228	Resp:	748712
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.4	35.2
229	20.8	17.4	26.2

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#82

3,3'-Dichlorobenzidine

Concen: 31.230 ng

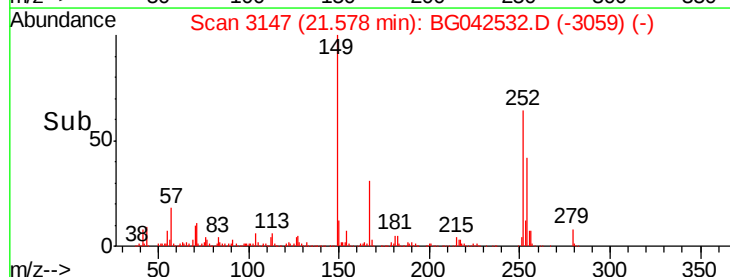
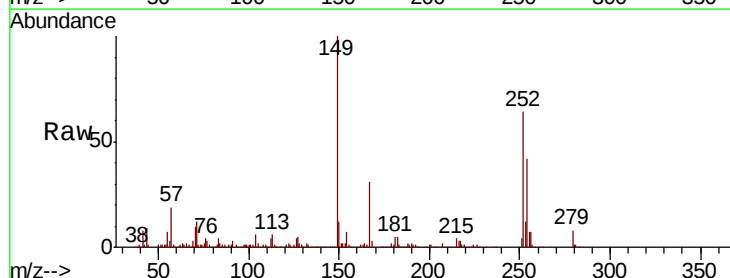
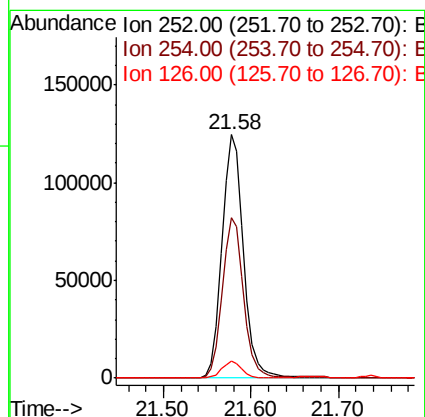
RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Tgt Ion:	252	Resp:	212006
Ion Ratio	Lower	Upper	
252	100		
254	65.9	53.0	79.4
126	6.8	5.7	8.5





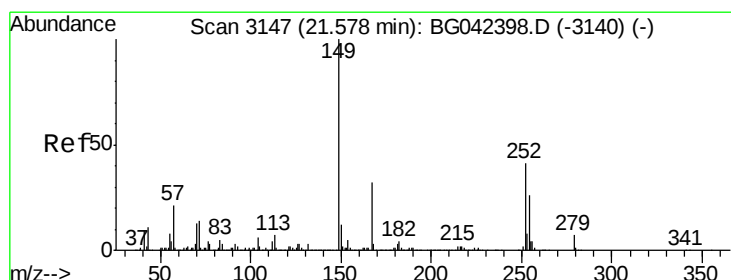
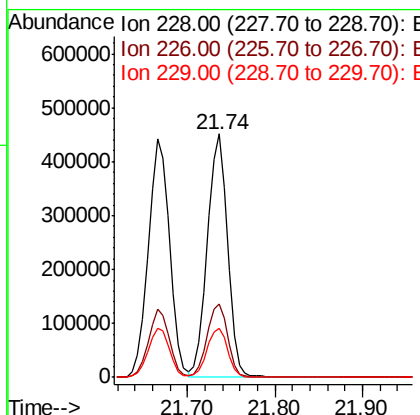
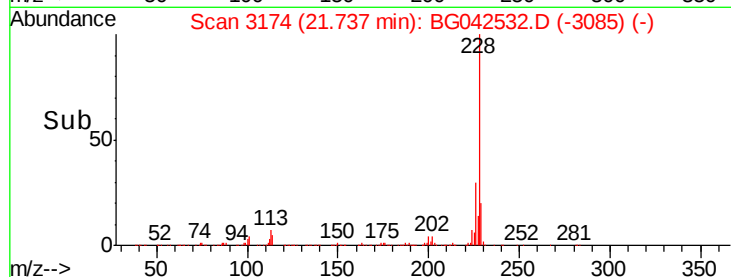
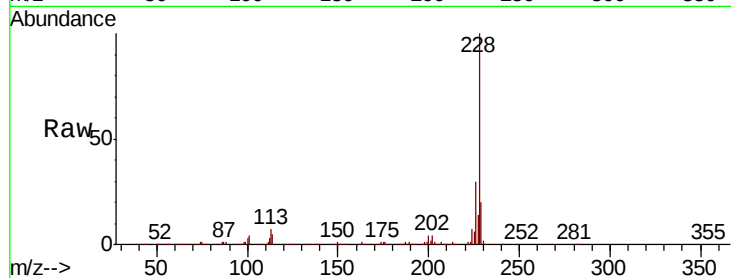
#83
Chrysene
Concen: 44.801 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion:	228	Resp:	729300
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	20.4	16.9	25.3

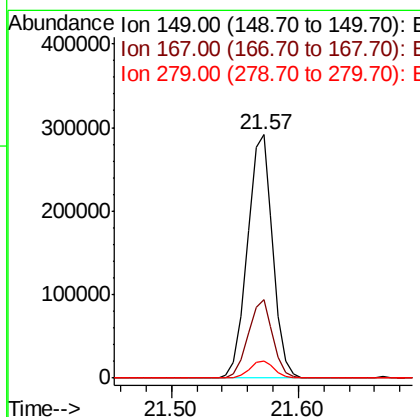
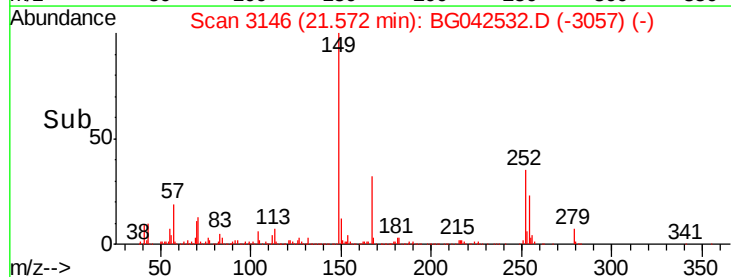
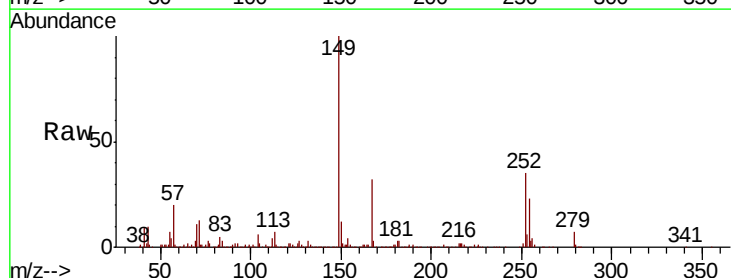
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.285 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion:	149	Resp:	402129
Ion Ratio	Lower	Upper	
149	100		
167	32.1	26.0	39.0
279	6.9	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 43.329 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042532.D

Acq: 28 Aug 2019 14:38

Instrument :

BNA_G

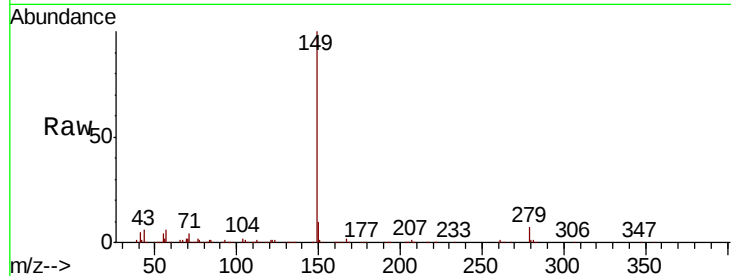
ClientSampleId :

PB122619BS

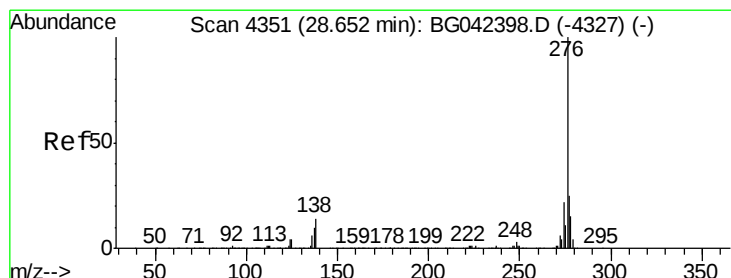
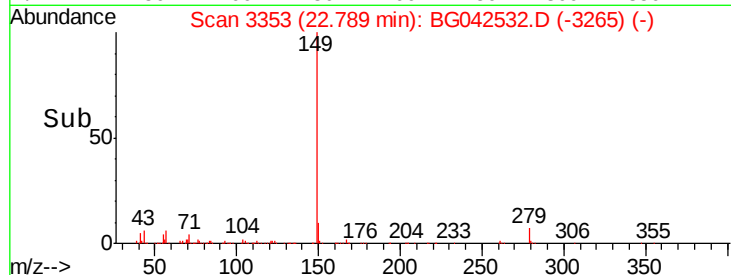
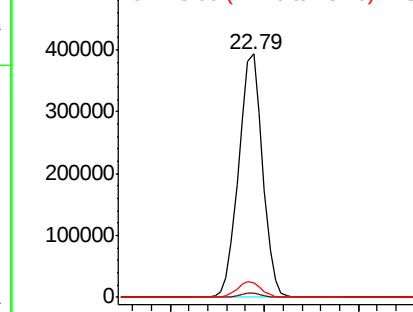
Tot Ion	Ratio	Resp	Lower	Upper
149	100	692329		
167	1.8		1.6	2.4
43	6.3		5.3	7.9

Manual Integrations
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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: 42.973 ng

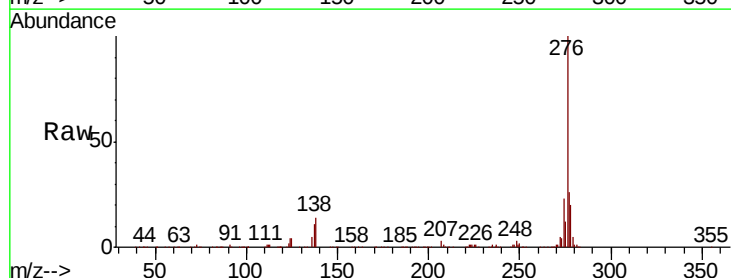
RT: 28.64 min Scan# 4349

Delta R.T. -0.01 min

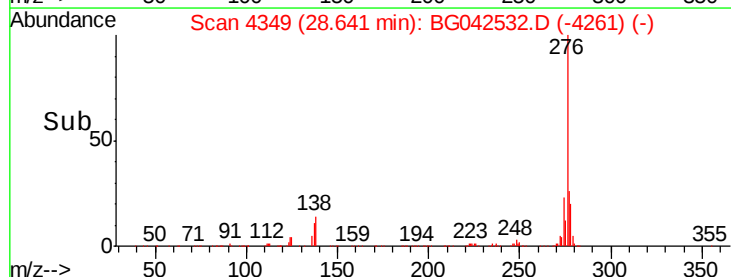
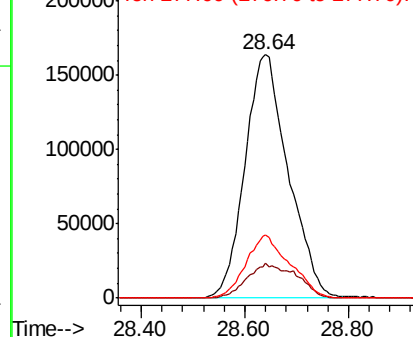
Lab File: BG042532.D

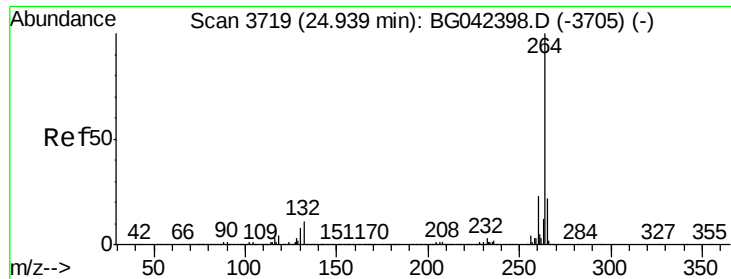
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	950668		
138	16.2		9.2	13.8#
277	26.2		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





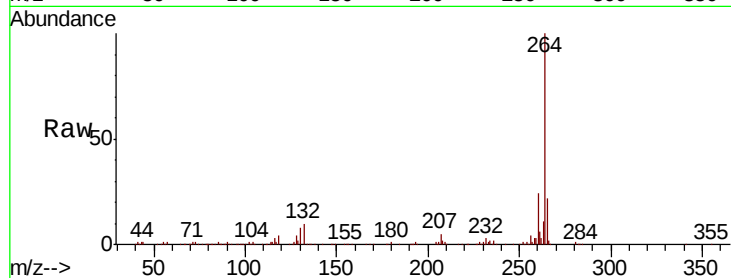
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.0	17.6	26.4

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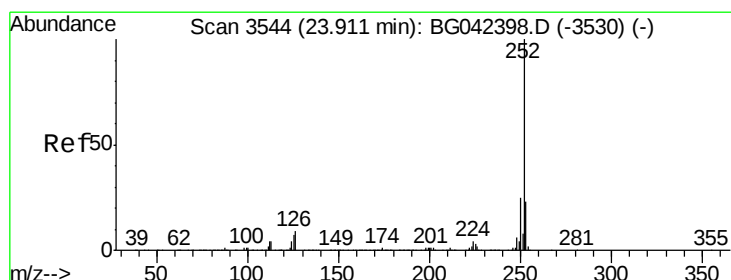
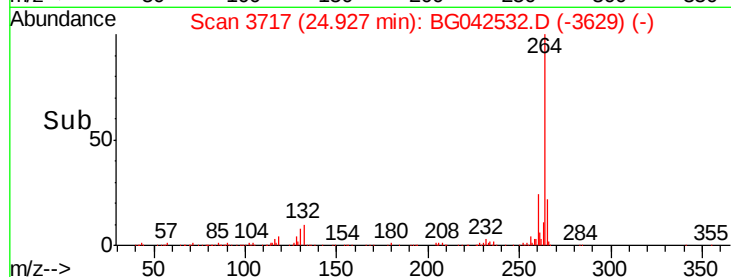
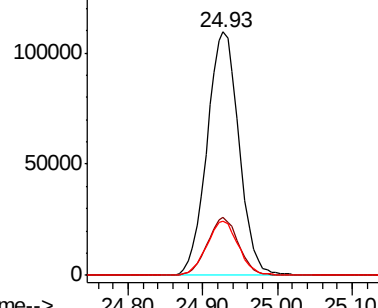


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 46.070 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

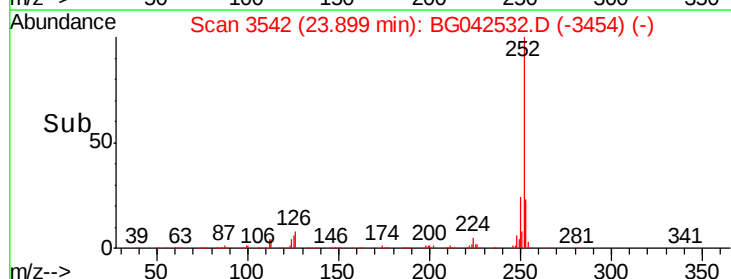
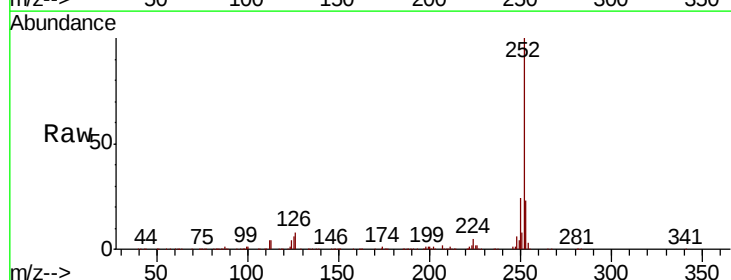
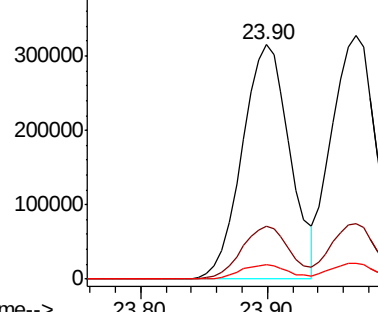
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	6.4	5.6	8.4

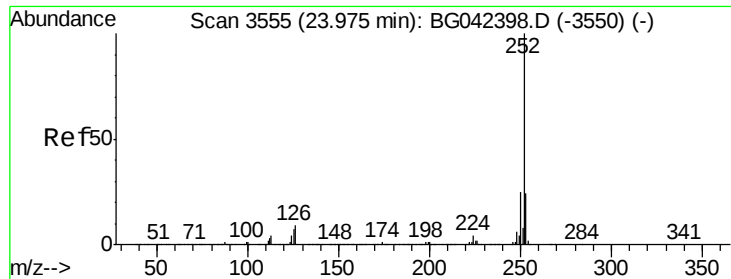
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





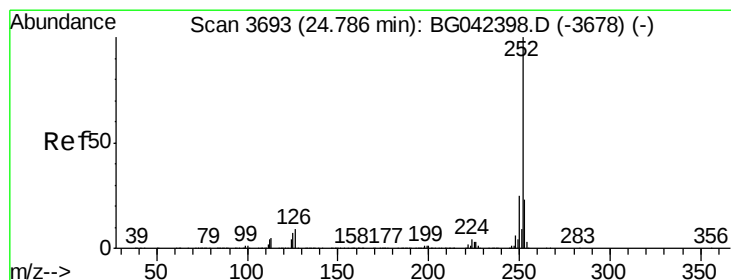
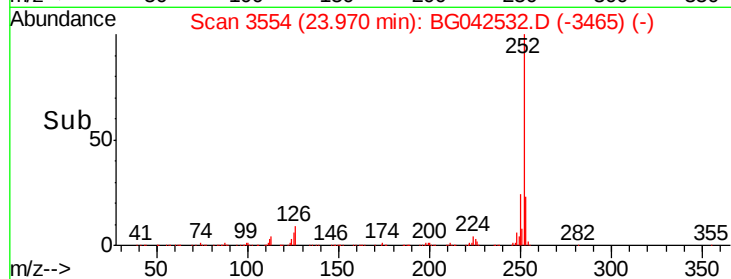
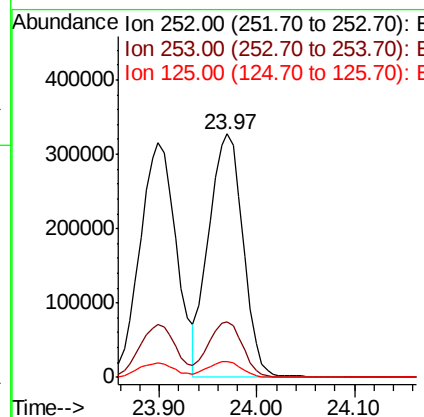
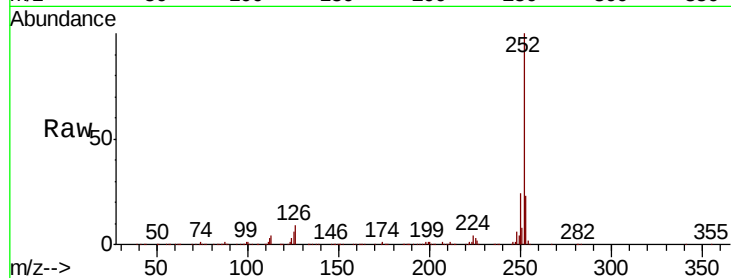
#89
Benzo(k)fluoranthene
Concen: 46.256 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	6.4	5.8	8.6

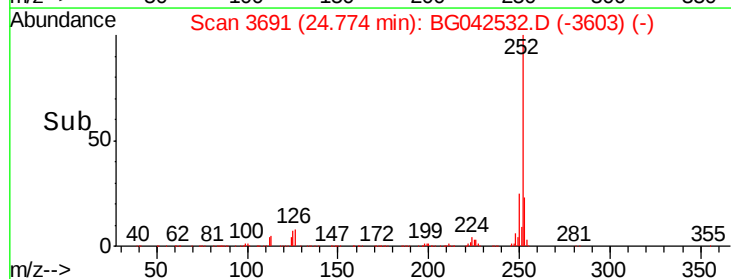
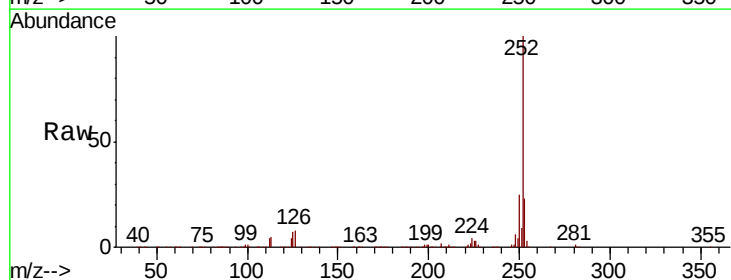
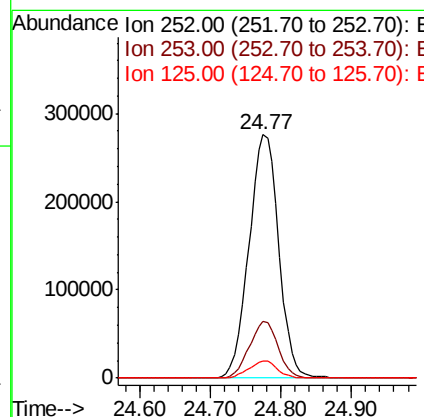
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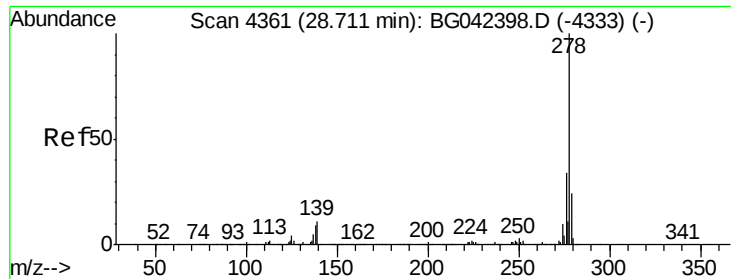
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#90
Benzo(a)pyrene
Concen: 47.711 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.8	6.0	9.0





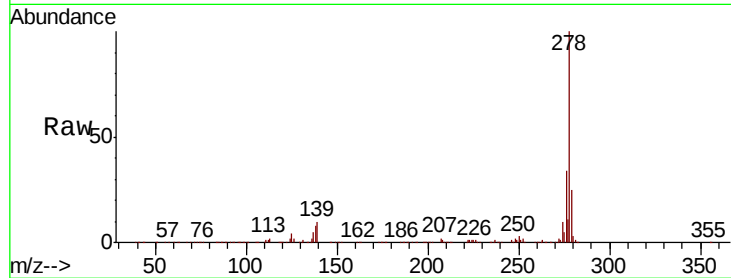
#91
Dibenzo(a,h)anthracene
Concen: 46.046 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Instrument :
BNA_G
ClientSampleId :
PB122619BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.8	13.2
279	24.8	19.1	28.7

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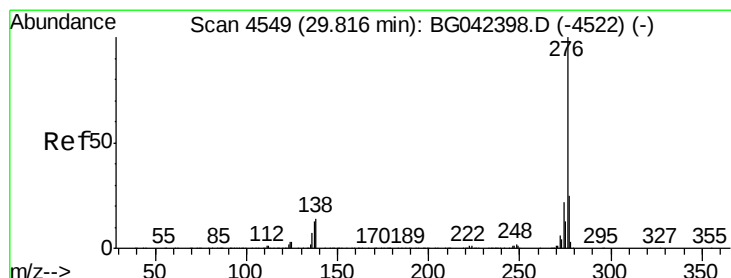
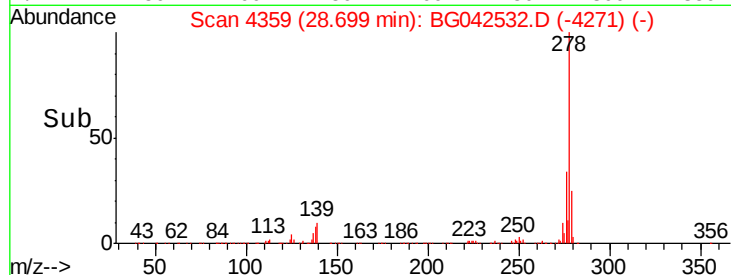
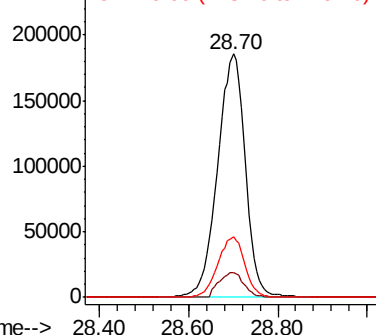


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.516 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042532.D
Acq: 28 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	13.5	11.4	17.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

