

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038528.D
 Acq On : 13 Dec 2018 12:09
 Operator : JU/SJ
 Sample : J6275-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:08:13 PM

Quant Time: Dec 13 16:45:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20466	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84390	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58525	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152782	20.00	ng	0.00
76) Chrysene-d12	21.73	240	152702	20.00	ng	0.00
87) Perylene-d12	25.02	264	166720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	151129	130.97	ng	0.00
7) Phenol-d6	7.21	99	208282	131.49	ng	0.00
23) Nitrobenzene-d5	9.23	82	134901	81.66	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	108508	134.53	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	331335	77.67	ng	0.00
79) Terphenyl-d14	20.04	244	637856	90.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	17035	31.721	ng	94
3) Pyridine	3.89	79	38268	25.882	ng	87
4) n-Nitrosodimethylamine	3.82	42	31776	43.861	ng	# 93
6) Aniline	7.39	93	36116	17.860	ng	99
8) 2-Chlorophenol	7.62	128	57023	42.704	ng	100
9) Benzaldehyde	7.20	77	24593	23.932	ng	97
10) Phenol	7.24	94	84401	50.152	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	50452	37.654	ng	98
12) 1,3-Dichlorobenzene	7.95	146	57449	36.387	ng	98
13) 1,4-Dichlorobenzene	8.09	146	58871	36.407	ng	96
14) 1,2-Dichlorobenzene	8.41	146	57305	37.591	ng	93
15) Benzyl Alcohol	8.30	79	51197	41.407	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117933	38.423	ng	99
17) 2-Methylphenol	8.49	107	50577	44.857	ng	98
18) Hexachloroethane	9.14	117	21971	37.184	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	44896	40.354	ng	98
20) 3+4-Methylphenols	8.83	107	70038	44.978	ng	99
22) Acetophenone	8.89	105	86573	41.071	ng	# 98
24) Nitrobenzene	9.28	77	70186	42.000	ng	97
25) Isophorone	9.79	82	129587	43.662	ng	99
26) 2-Nitrophenol	9.99	139	33471	39.134	ng	98
27) 2,4-Dimethylphenol	10.03	122	56644	46.210	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	72593	43.341	ng	98
29) 2,4-Dichlorophenol	10.52	162	63150	46.309	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	65165	39.562	ng	96
31) Naphthalene	10.93	128	178941	43.036	ng	97
32) Benzoic acid	10.18	122	16566	26.936	ng	95
33) 4-Chloroaniline	11.05	127	11828	6.552	ng	97
34) Hexachlorobutadiene	11.19	225	42656	38.272	ng	98
35) Caprolactam	11.82	113	23452m	41.556	ng	
36) 4-Chloro-3-methylphenol	12.15	107	69330	44.552	ng	98
37) 2-Methylnaphthalene	12.53	142	139187	46.922	ng	99
38) 1-Methylnaphthalene	12.75	142	132310	45.965	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	81213	37.124	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	97796	81.369	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	57222	42.541	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	64602	45.362	nq	98
46) 1,1'-Biphenyl	13.53	154	183063	37.312	nq	99
47) 2-Chloronaphthalene	13.58	162	147396	38.892	nq	98
48) 2-Nitroaniline	13.79	65	52352	43.368	nq	95
49) Acenaphthylene	14.42	152	248162	43.801	nq	97
50) Dimethylphthalate	14.15	163	234145	48.991	nq	99
51) 2,6-Dinitrotoluene	14.28	165	46604	43.029	nq	94
52) Acenaphthene	14.76	154	141793	41.853	nq	100
53) 3-Nitroaniline	14.61	138	16767	15.186	nq	93
54) 2,4-Dinitrophenol	14.82	184	56354	86.964	nq	95
55) Dibenzofuran	15.09	168	238436	41.058	nq	99
56) 4-Nitrophenol	14.92	139	76427	91.248	nq	99
57) 2,4-Dinitrotoluene	15.06	165	66727	43.742	nq	98
58) Fluorene	15.74	166	197565	45.918	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	61110	47.694	nq	99
60) Diethylphthalate	15.50	149	218463	41.638	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	108851	40.548	nq	99
62) 4-Nitroaniline	15.78	138	48055	42.277	nq	95
63) Azobenzene	16.02	77	187478	42.774	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	42401	38.905	nq	96
66) n-Nitrosodiphenylamine	15.95	169	179492	39.984	nq	99
67) 4-Bromophenyl-phenylether	16.63	248	71622	38.385	nq	94
68) Hexachlorobenzene	16.74	284	75639	39.106	nq	95
69) Atrazine	16.89	200	75918	45.570	nq	96
70) Pentachlorophenol	17.09	266	86673	75.759	nq	96
71) Phenanthrene	17.49	178	349289	44.087	nq	99
72) Anthracene	17.58	178	357137	45.661	nq	99
73) Carbazole	17.85	167	318061	41.119	nq	99
74) Di-n-butylphthalate	18.38	149	379949	42.807	nq	100
75) Fluoranthene	19.49	202	432997	44.171	nq	99
77) Benzidine	19.68	184	131757	29.175	nq	99
78) Pyrene	19.86	202	432661	42.889	nq	99
80) Butylbenzylphthalate	20.72	149	170291	43.208	nq	96
81) Benzo(a)anthracene	21.70	228	421947	45.347	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	72795	19.726	nq	99
83) Chrysene	21.77	228	388181	43.312	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	236402	42.292	nq	97
85) Di-n-octyl phthalate	22.79	149	408053	43.589	nq	99
86) Indeno(1,2,3-cd)pyrene	28.79	276	482767	45.817	nq	# 87
88) Benzo(b)fluoranthene	23.96	252	421985	46.100	nq	98
89) Benzo(k)fluoranthene	24.03	252	407240	44.678	nq	97
90) Benzo(a)pyrene	24.86	252	409395	46.360	nq	98
91) Dibenzo(a,h)anthracene	28.86	278	404309	45.983	nq	99
92) Benzo(g,h,i)perylene	29.99	276	403741	46.594	nq	98

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



#1

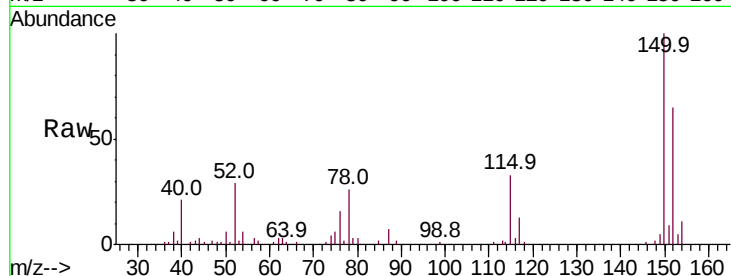
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	119.5	179.3
115	51.3	49.6	74.4

Manual Integrations
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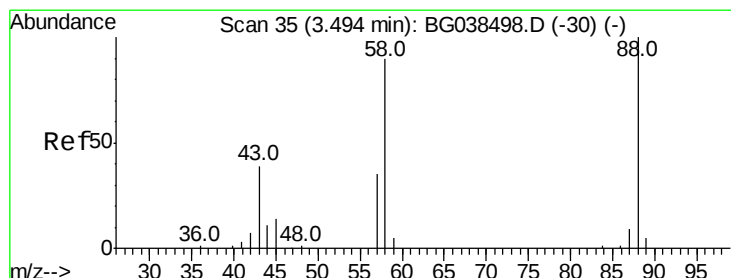
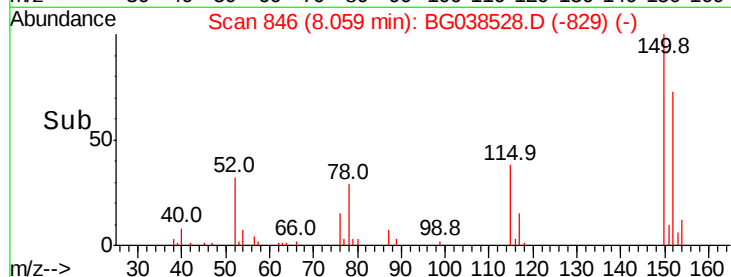
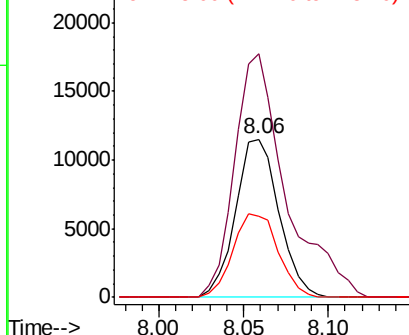


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

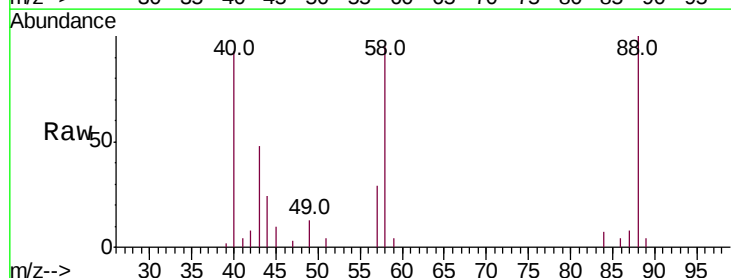
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.721 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	75.7	113.5
43	42.7	31.6	47.4

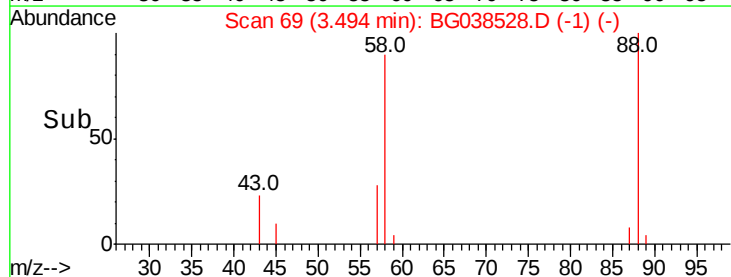
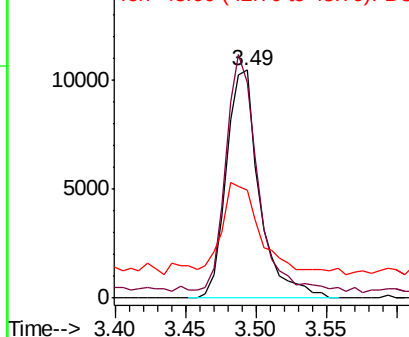


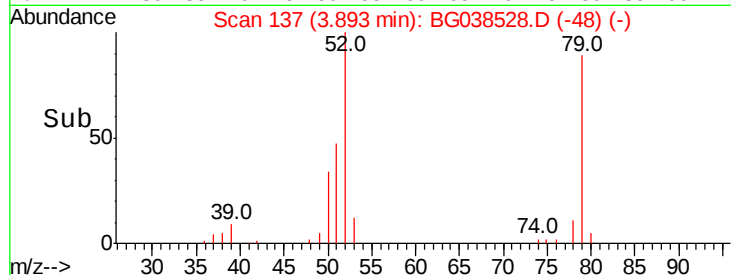
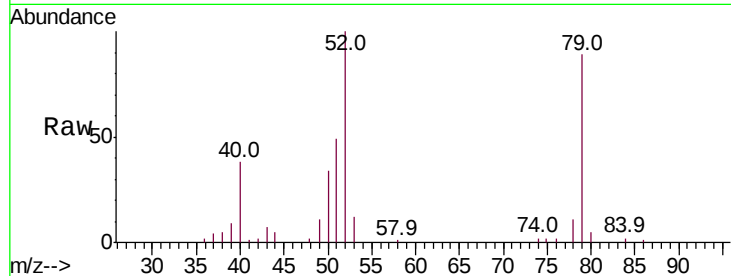
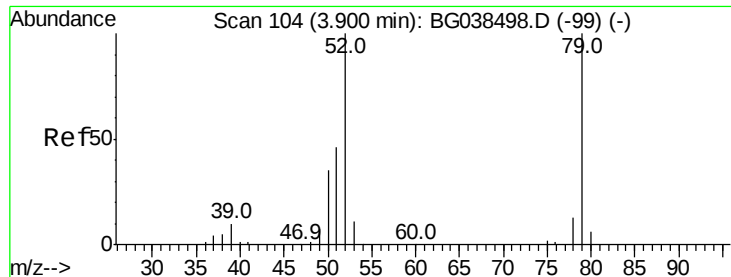
Abundance

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: 25.882 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

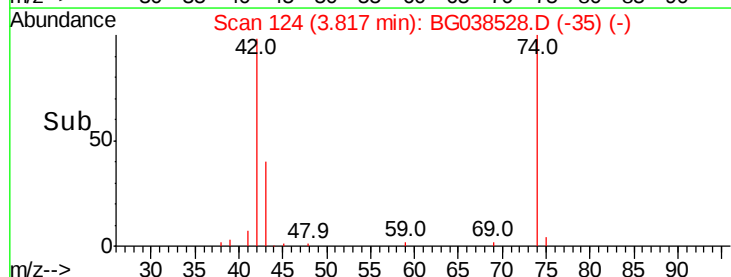
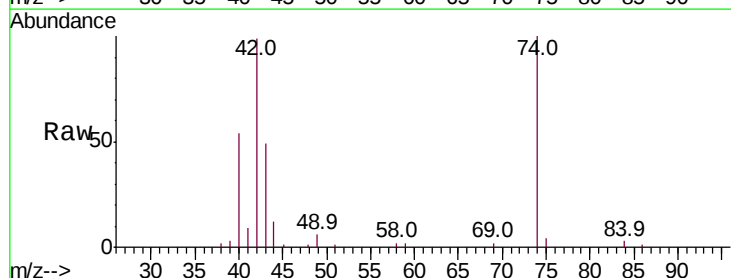
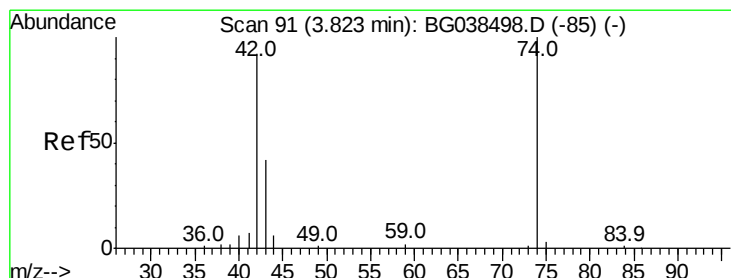
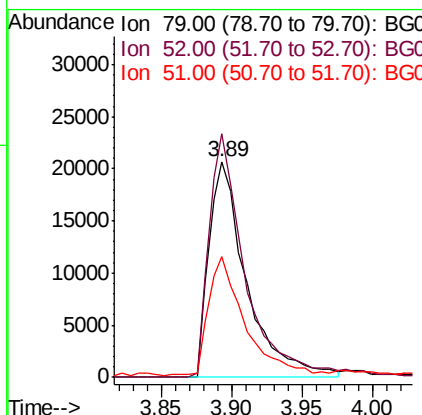
Tot Ion: 79 Resp: 38268

Ion	Ratio	Lower	Upper
79	100		
52	112.9	80.2	120.2
51	55.7	38.0	57.0

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

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#4

n-Nitrosodimethylamine

Concen: 43.861 ng

RT: 3.82 min Scan# 124

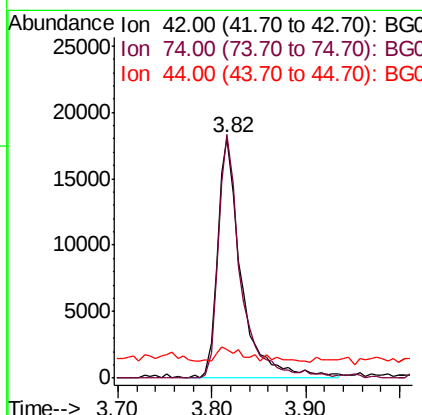
Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion: 42 Resp: 31776

Ion	Ratio	Lower	Upper
42	100		
74	101.3	86.7	130.1
44	12.1	7.8	11.8#





#5

2-Fluorophenol

Concen: 130.973 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

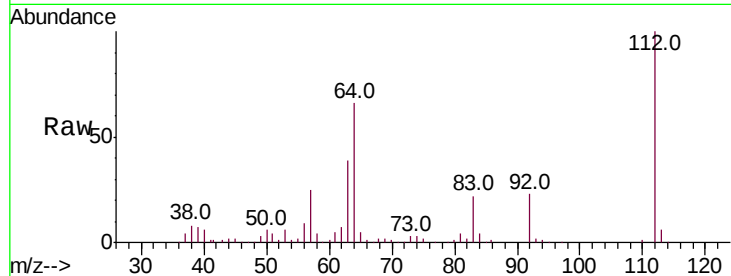
ClientSampleId :

BF-01-120418MS

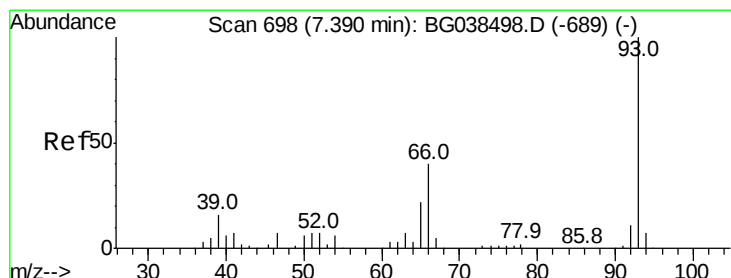
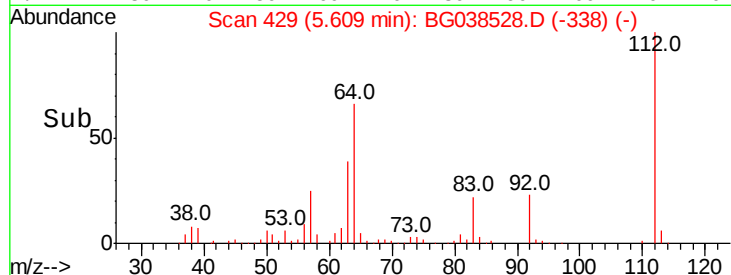
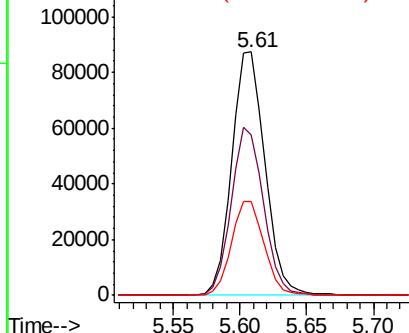
Tot Ion:	112	Resp:	151129
Ion Ratio	Lower	Upper	
112	100		
64	66.1	53.4	80.2
63	38.7	29.3	43.9

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.860 ng

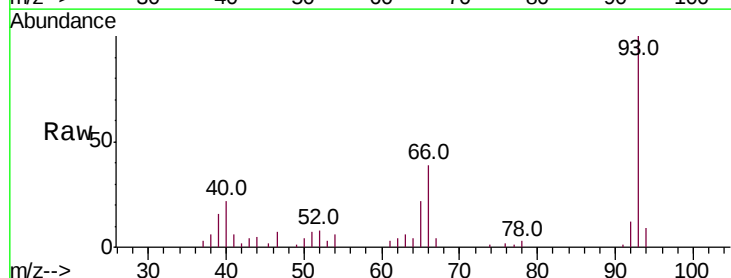
RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

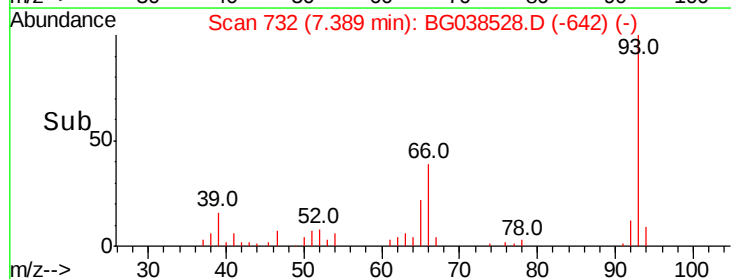
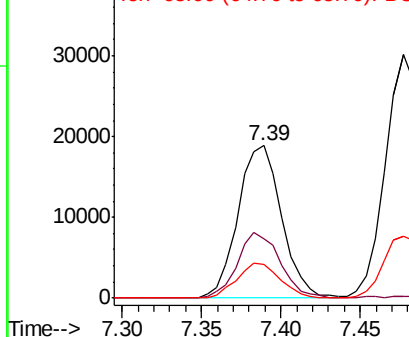
Lab File: BG038528.D

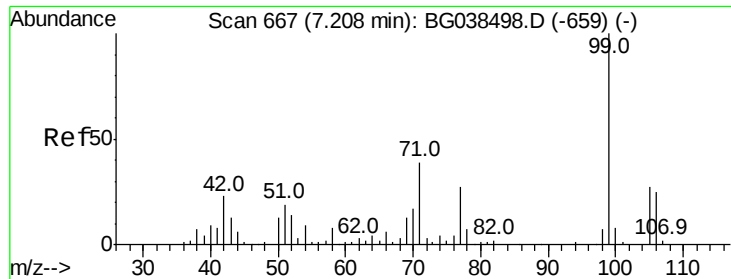
Acq: 13 Dec 2018 12:09

Tgt Ion:	93	Resp:	36116
Ion Ratio	Lower	Upper	
93	100		
66	38.5	31.7	47.5
65	22.3	17.8	26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.485 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

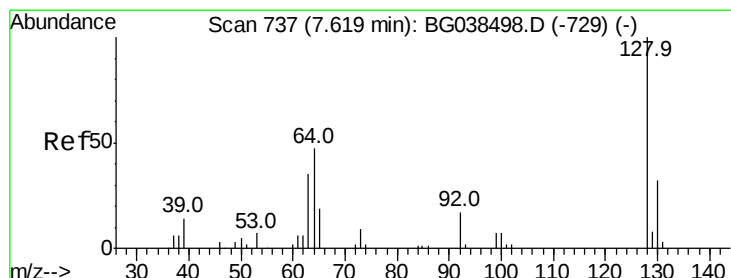
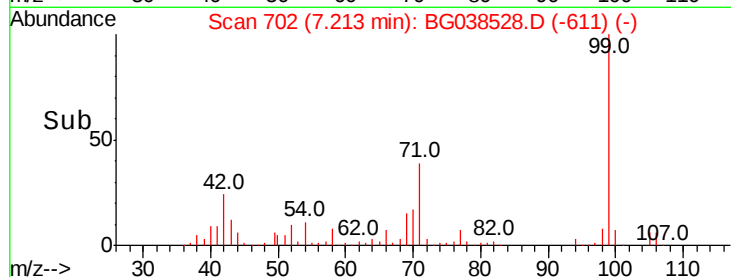
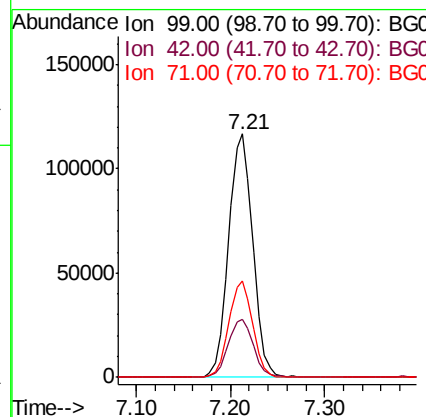
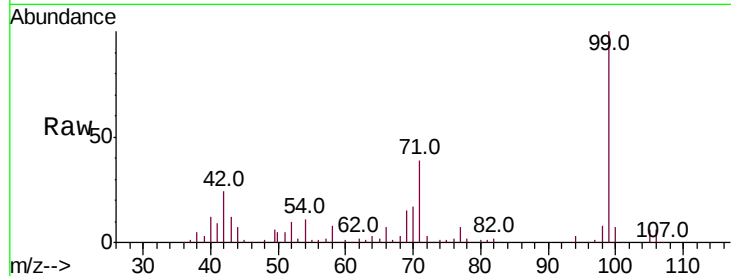
ClientSampleId :

BF-01-120418MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		208282		
42	24.0	18.5	27.7		
71	39.3	31.1	46.7		

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#8

2-Chlorophenol

Concen: 42.704 ng

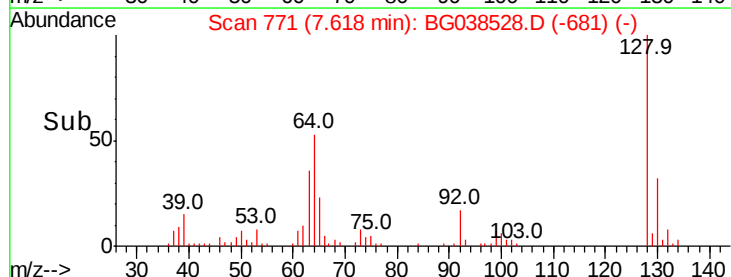
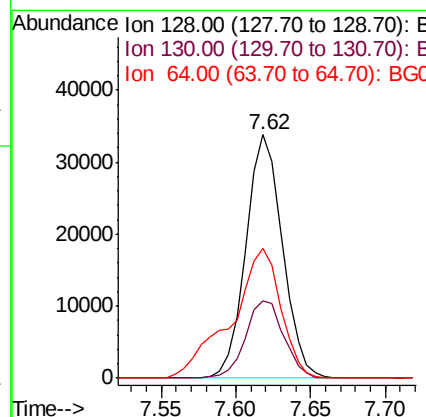
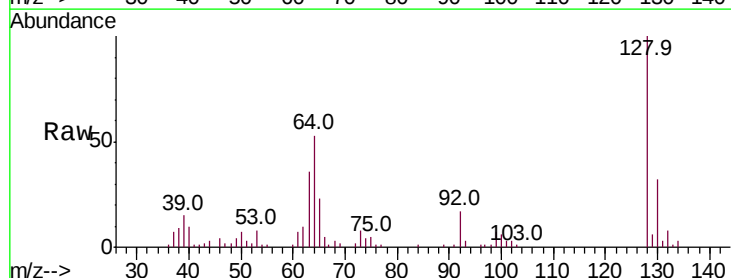
RT: 7.62 min Scan# 771

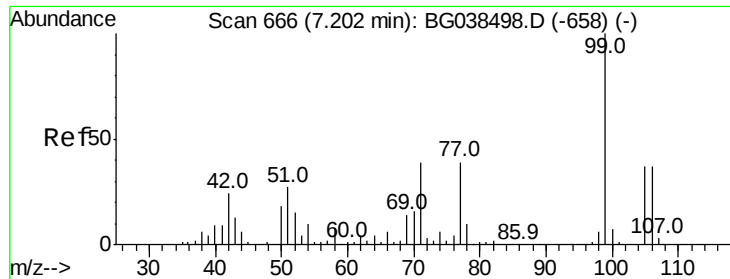
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		57023		
130	31.5	11.8	51.8		
64	53.4	33.2	73.2		





#9

Benzaldehyde

Concen: 23.932 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

ClientSampleId :

BF-01-120418MS

Tot Ion: 77 Resp: 24593

Ion Ratio Lower Upper

77 100

105 92.8 74.0 114.0

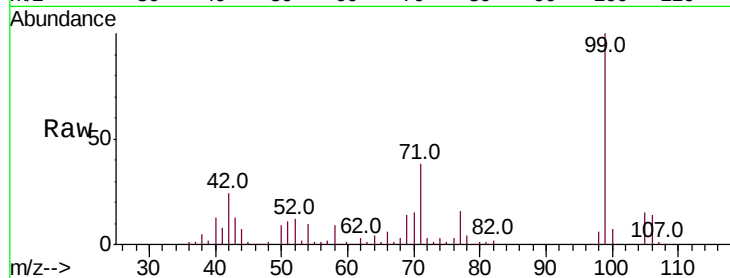
106 90.2 73.9 113.9

Manual Integrations

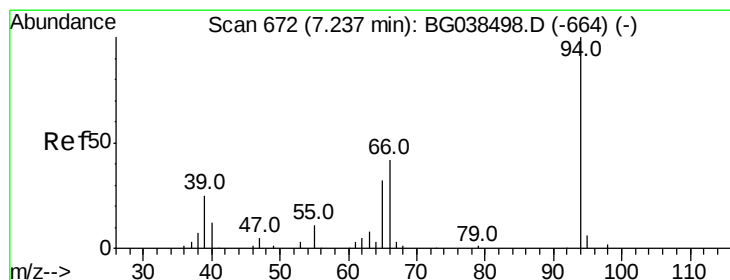
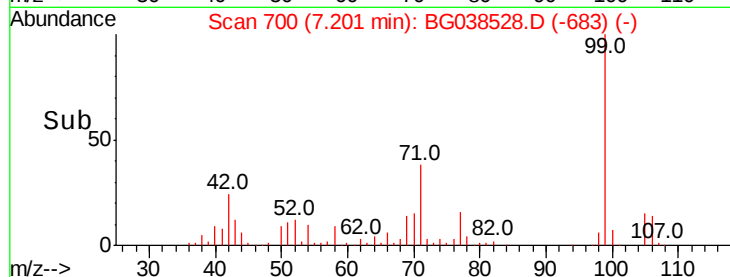
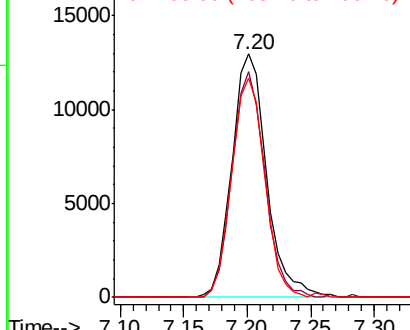
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.152 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

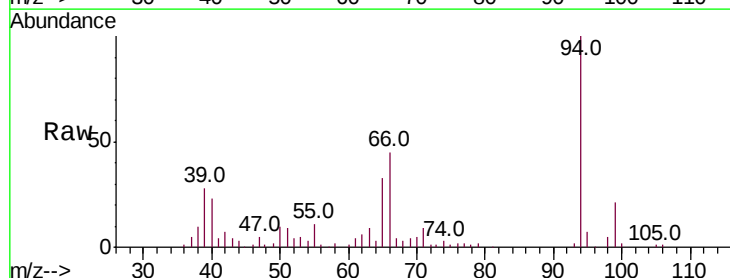
Tgt Ion: 94 Resp: 84401

Ion Ratio Lower Upper

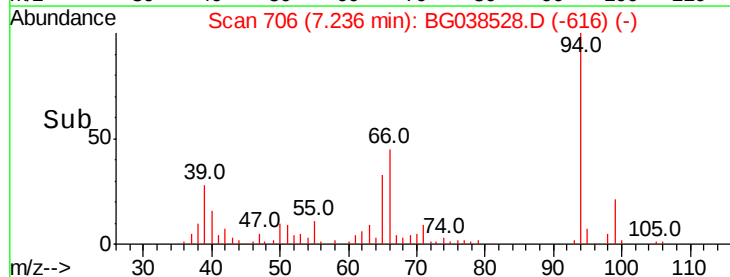
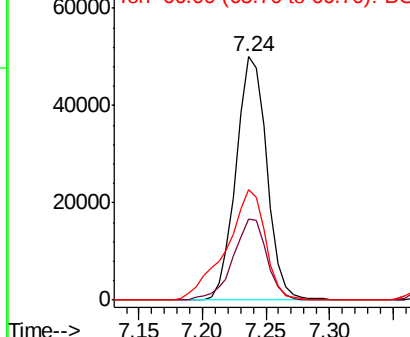
94 100

65 33.0 12.6 52.6

66 45.2 24.1 64.1



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





#11

bis(2-Chloroethyl)ether

Concen: 37.654 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

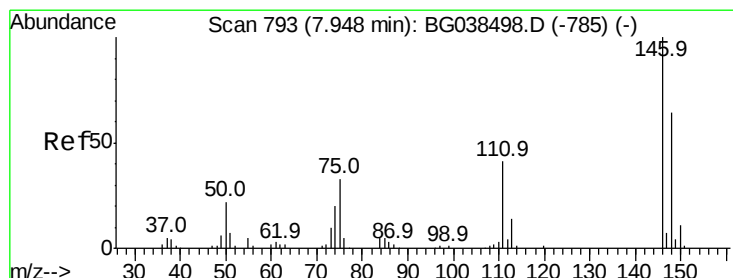
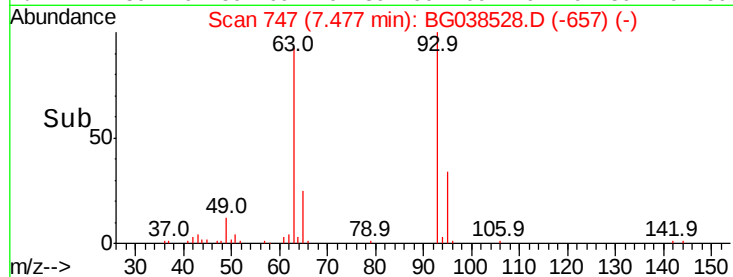
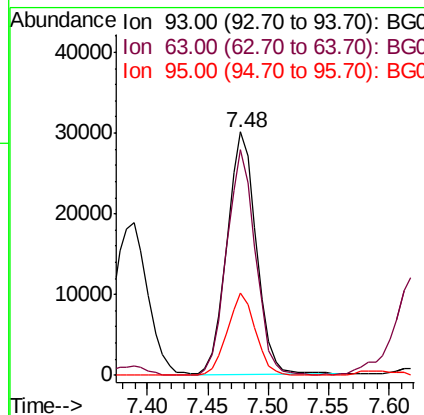
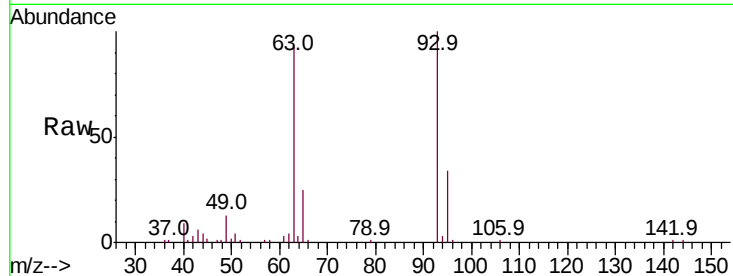
ClientSampleId :

BF-01-120418MS

Tot Ion:	93	Resp:	50452
Ion Ratio	Lower	Upper	
93	100		
63	92.8	72.2	112.2
95	33.7	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 36.387 ng

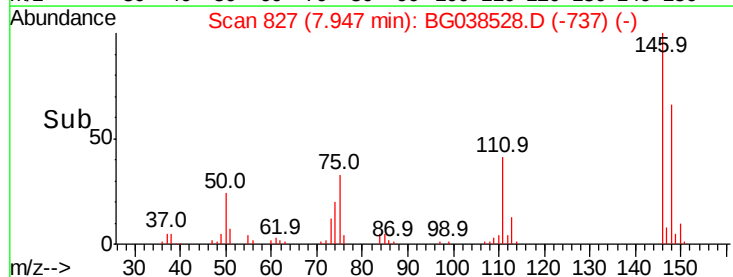
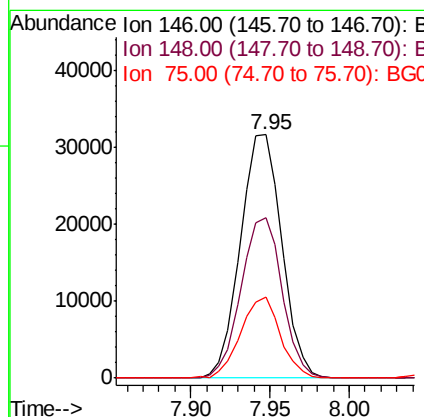
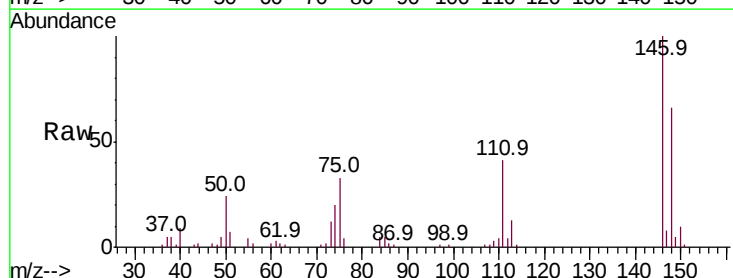
RT: 7.95 min Scan# 827

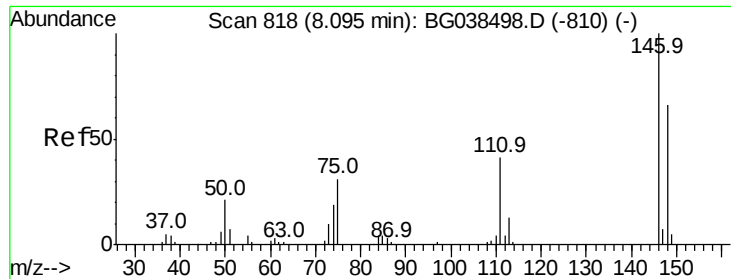
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	146	Resp:	57449
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.4	77.0
75	33.2	26.1	39.1





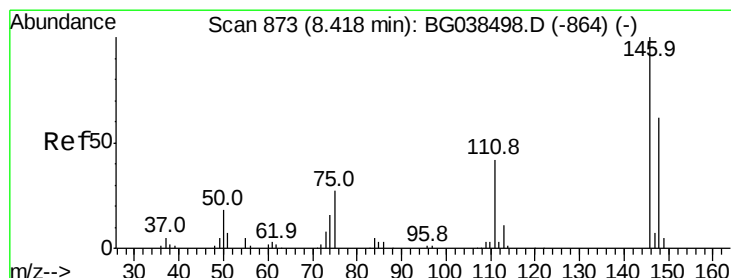
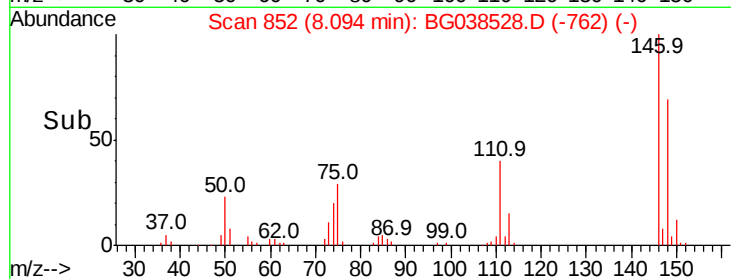
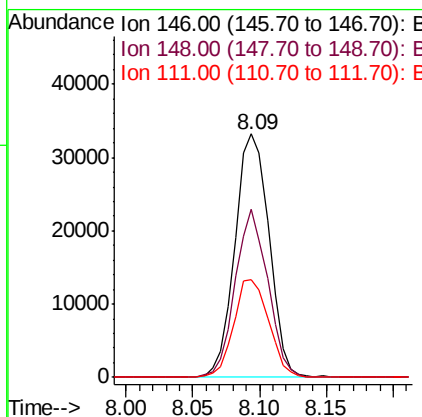
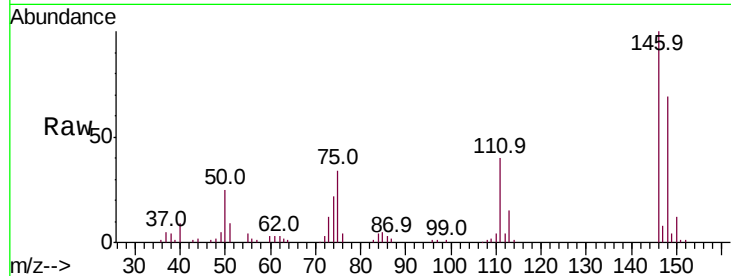
#13
 1,4-Dichlorobenzene
 Concen: 36.407 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	52.4	78.6
111	39.9	33.0	49.4

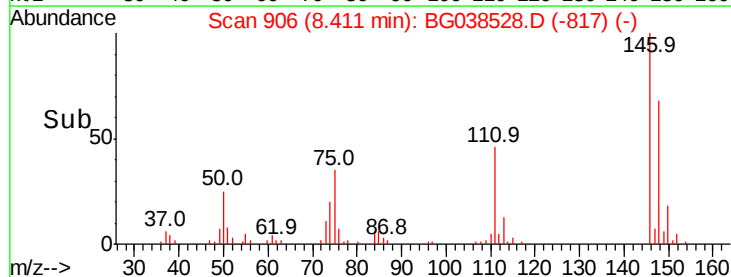
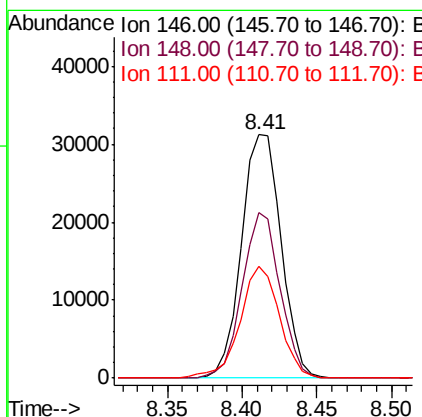
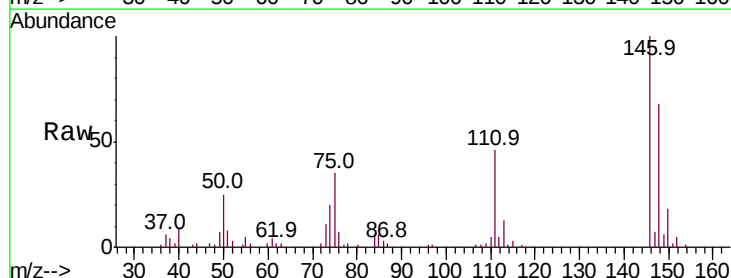
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#14
 1,2-Dichlorobenzene
 Concen: 37.591 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	49.4	74.0
111	46.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.407 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

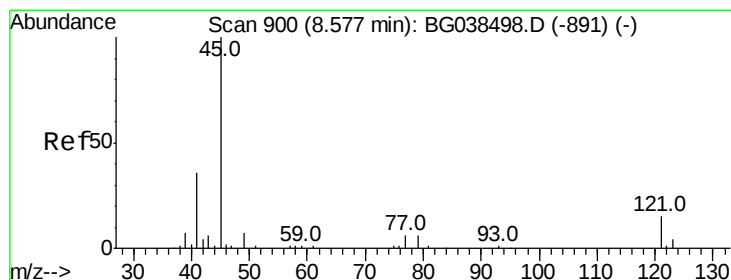
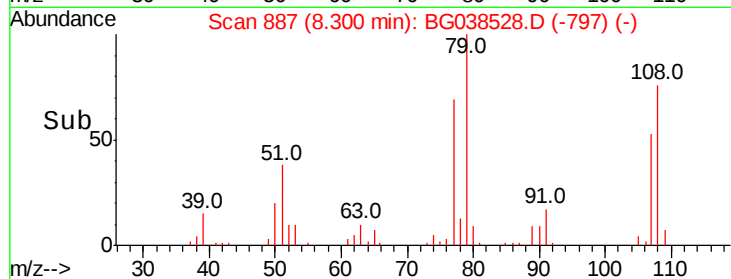
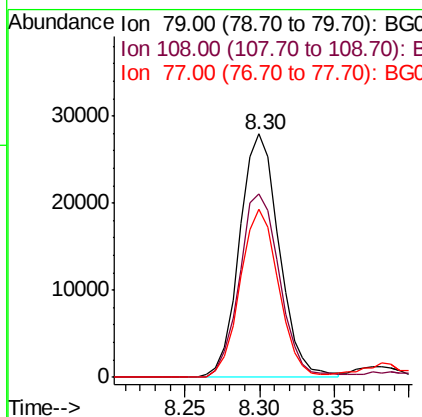
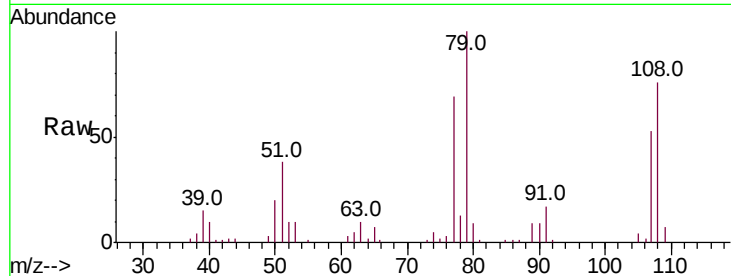
ClientSampleId :

BF-01-120418MS

Tot Ion:	79	Resp:	51197
Ion Ratio	Lower	Upper	
79	100		
108	75.6	60.2	90.4
77	69.0	50.7	76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.423 ng

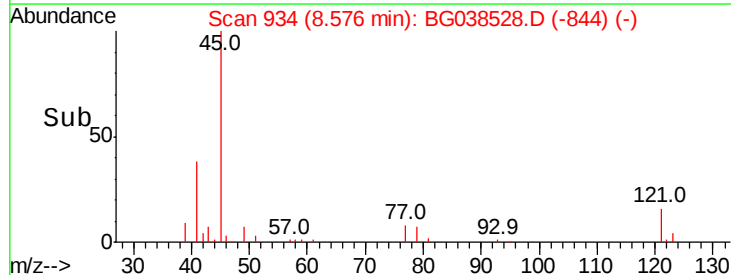
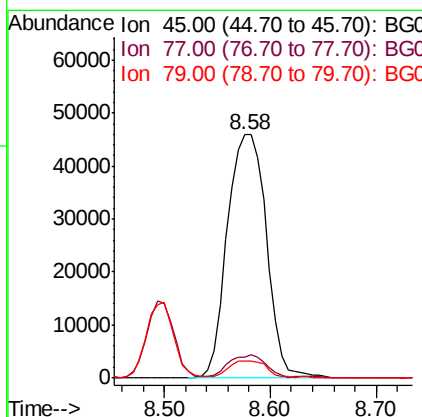
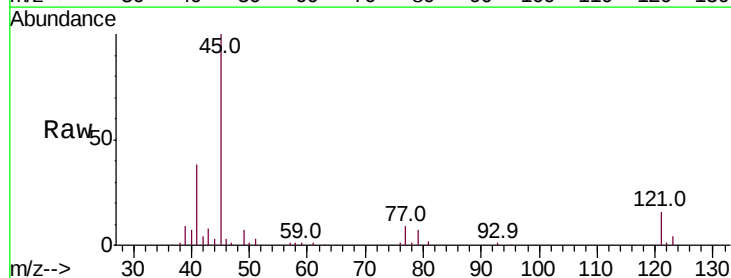
RT: 8.58 min Scan# 934

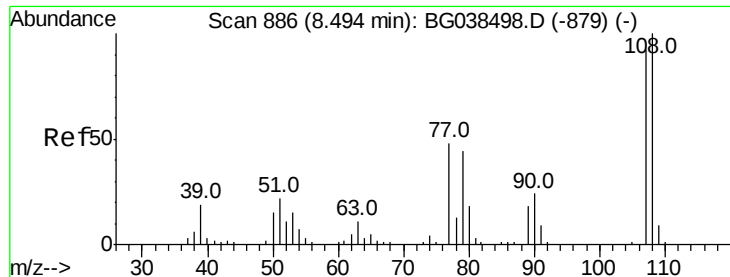
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	45	Resp:	117933
Ion Ratio	Lower	Upper	
45	100		
77	8.7	0.0	28.2
79	7.1	0.0	27.2





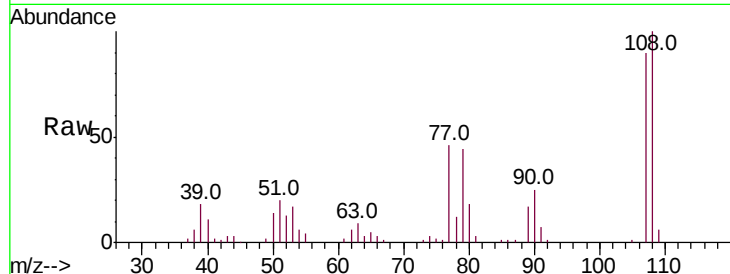
#17
2-Methylphenol
Concen: 44.857 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

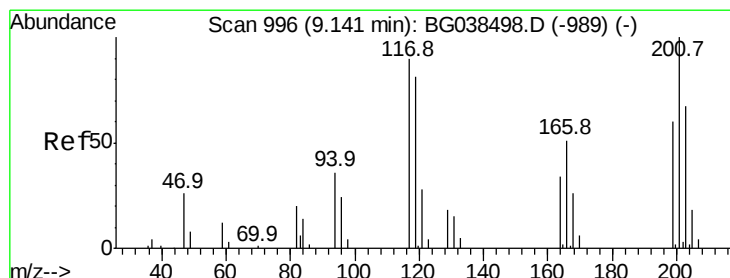
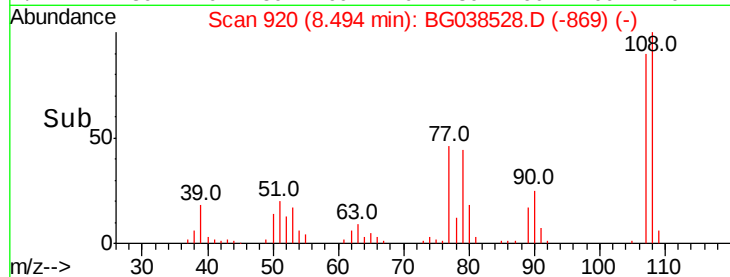
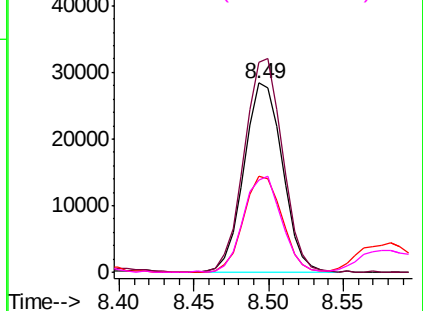
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	50577		
108	111.4	87.1	130.7		
77	51.0	42.0	63.0		
79	48.7	38.2	57.2		

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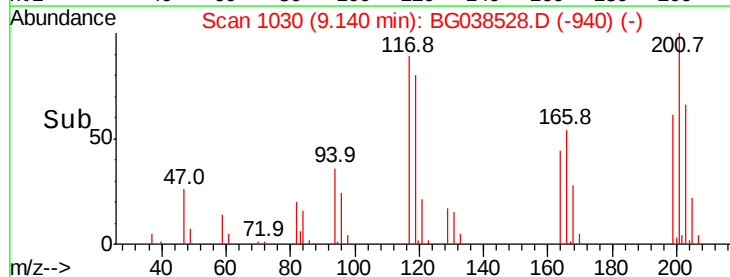
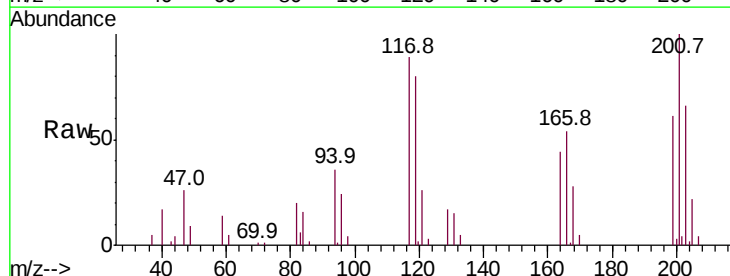
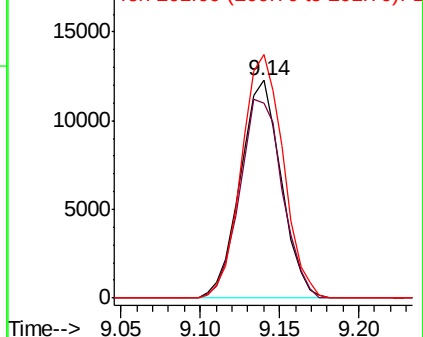
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

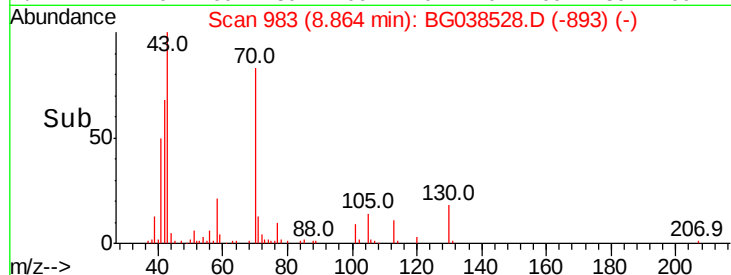
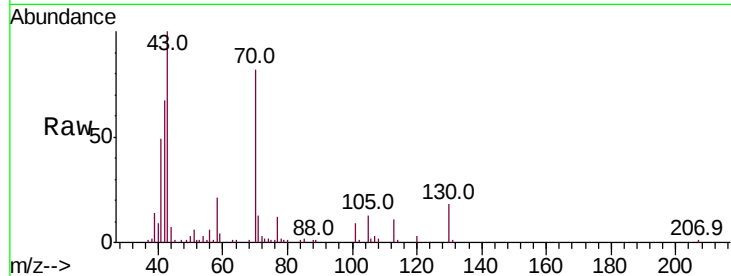
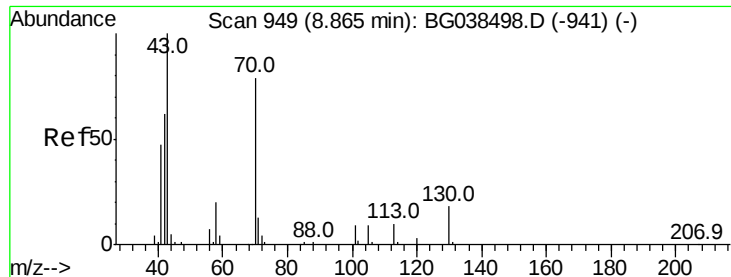


#18
Hexachloroethane
Concen: 37.184 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	21971		
119	89.6	73.8	110.8		
201	116.5	89.4	134.0		

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





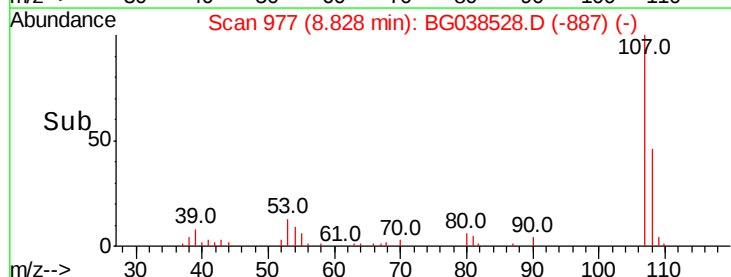
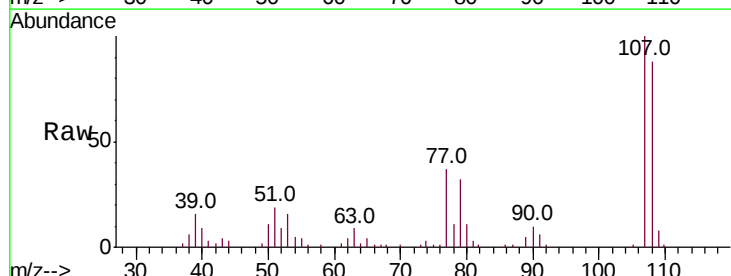
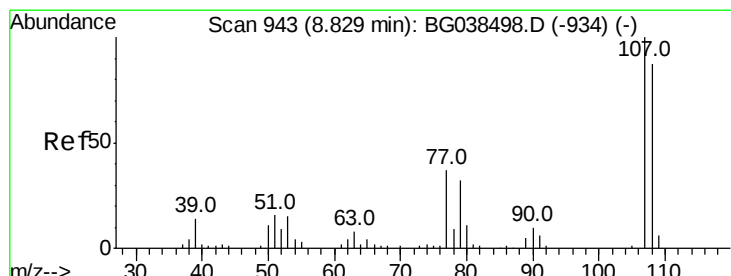
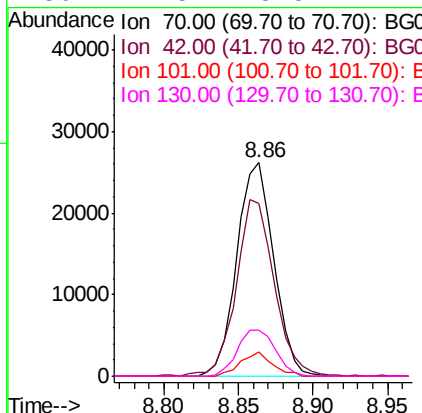
#19
n-Nitroso-di-n-propylamine
Concen: 40.354 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	81.0	63.6	95.4	
101	11.2	9.2	13.8	
130	21.5	18.5	27.7	

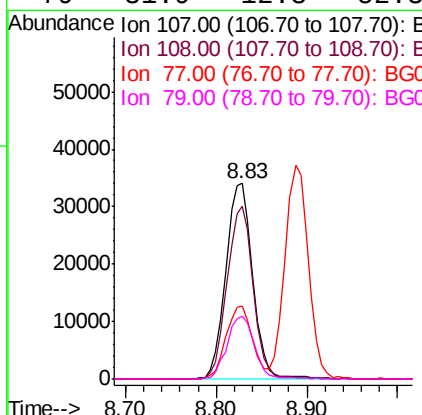
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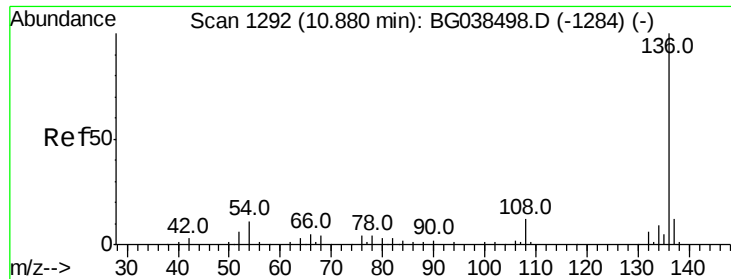
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#20
3+4-Methylphenols
Concen: 44.978 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	66.7	106.7	
77	37.5	17.3	57.3	
79	31.9	12.3	52.3	





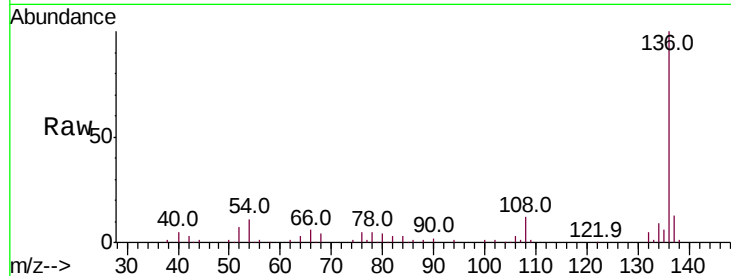
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

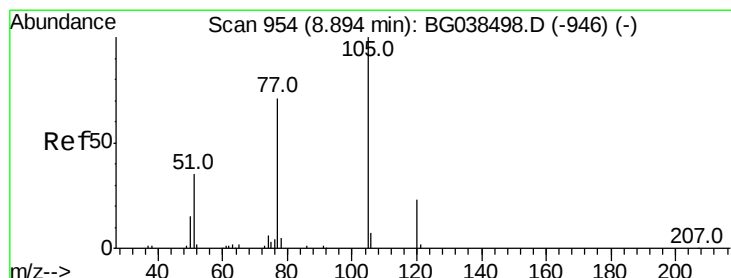
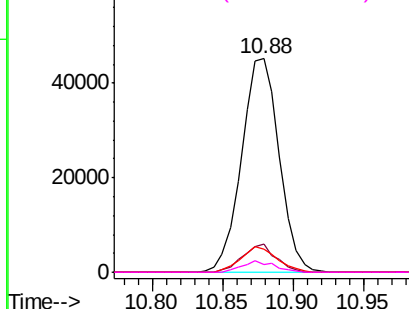
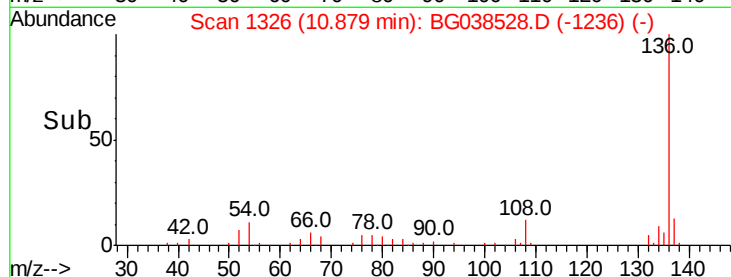
Tot Ion	Ratio	Resp	Lower	Upper
136	100	84390		
137	13.3		9.3	13.9
54	11.0		8.5	12.7
68	3.7		3.5	5.3

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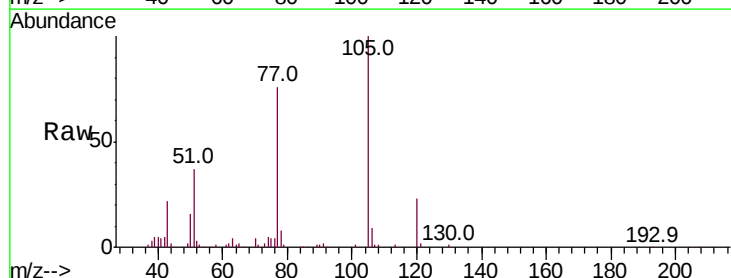


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

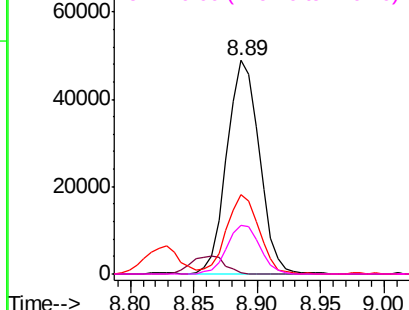
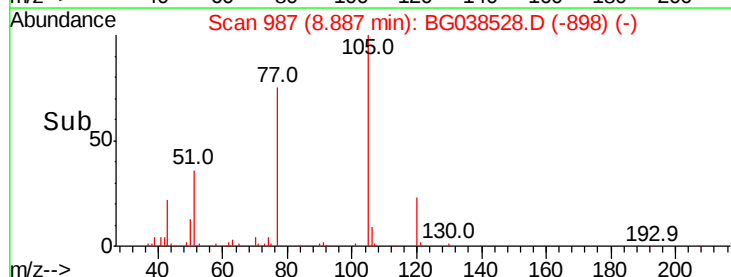


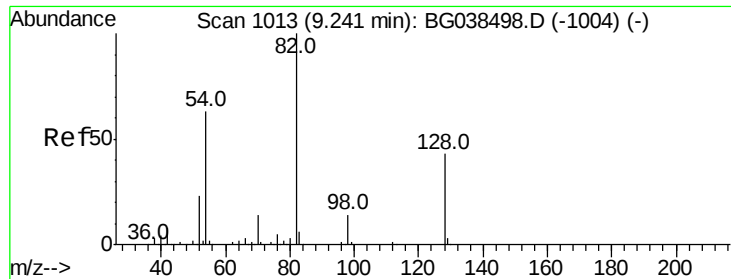
#22
Acetophenone
Concen: 41.071 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	86573		
71	0.7		0.4	0.6#
51	36.9		30.6	46.0
120	22.6		18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





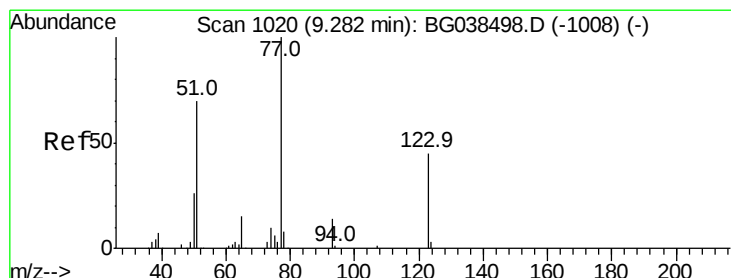
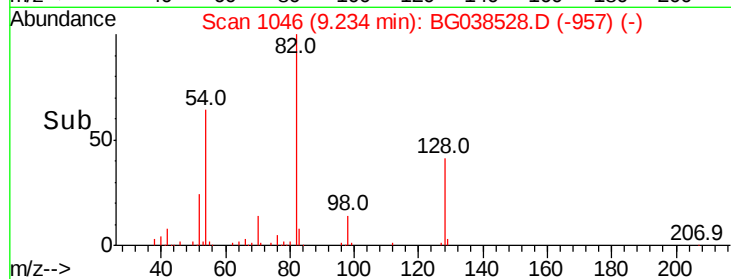
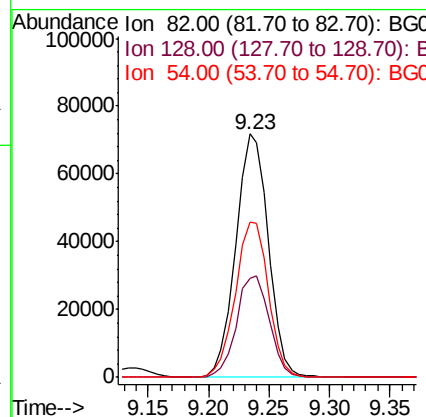
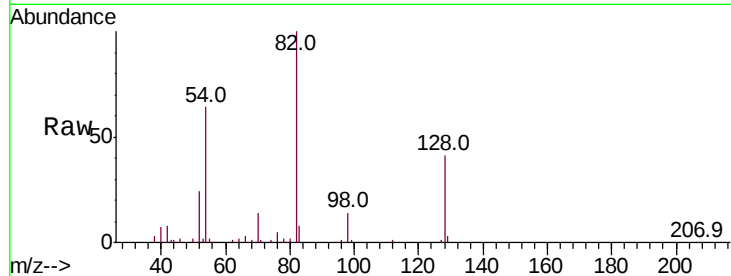
#23
Nitrobenzene-d5
Concen: 81.665 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	64.0	50.6	76.0

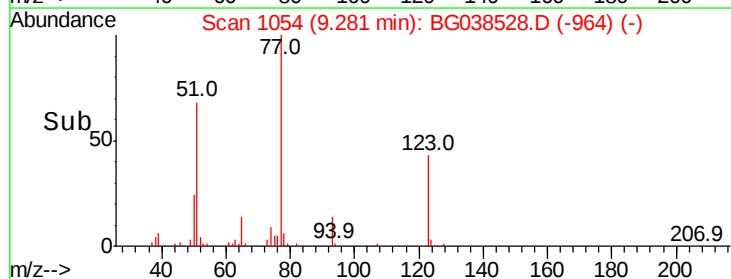
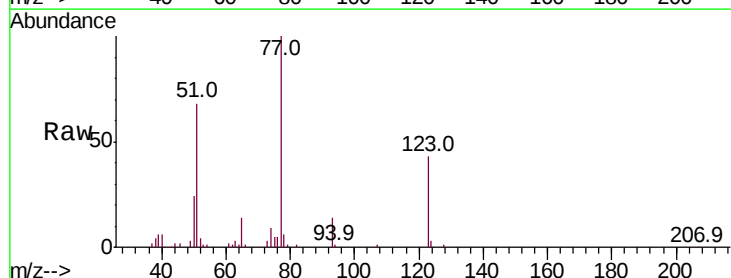
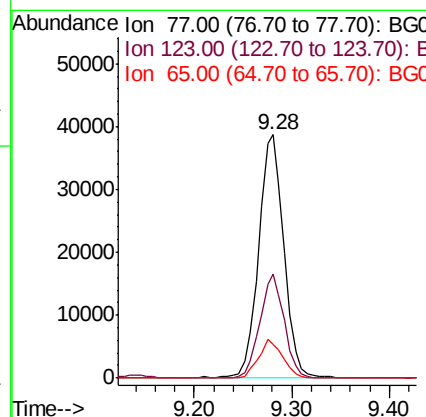
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#24
Nitrobenzene
Concen: 42.000 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	35.9	53.9
65	14.0	12.0	18.0





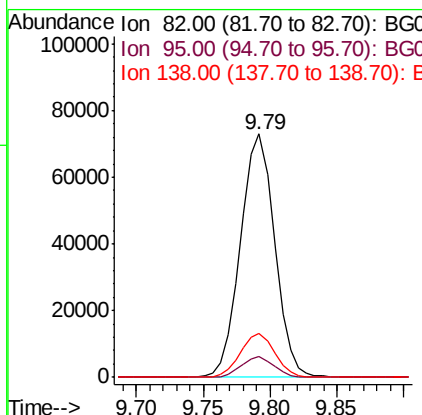
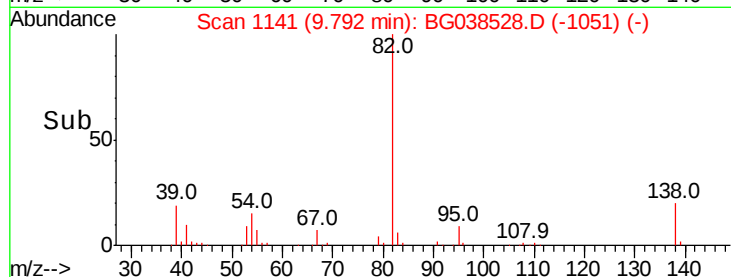
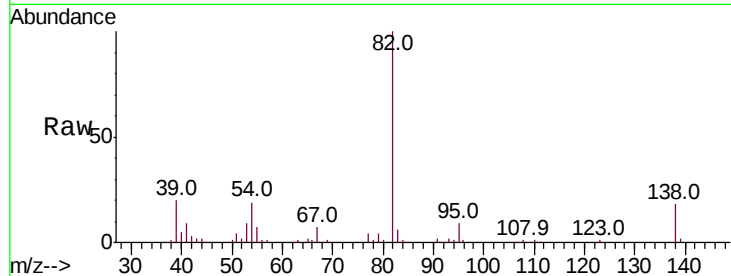
#25
Isophorone
Concen: 43.662 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	82	Resp	129587
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.1	9.1
138	18.1	14.9	22.3

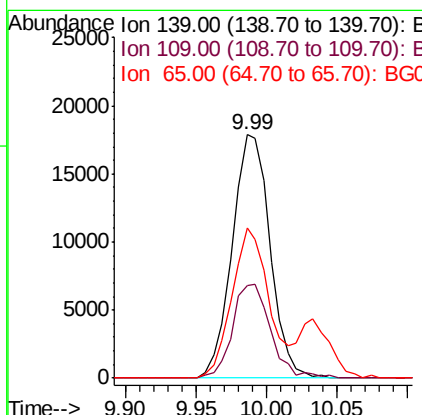
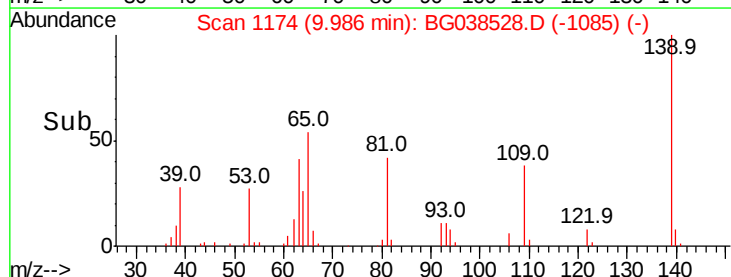
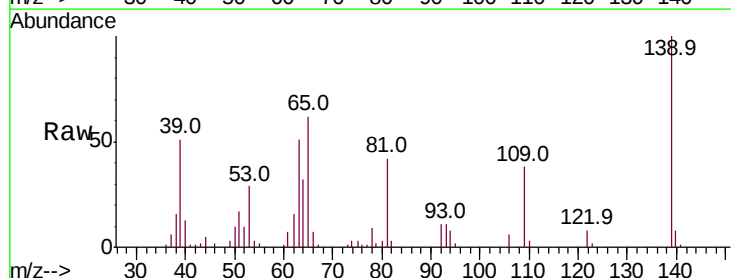
Manual Integrations
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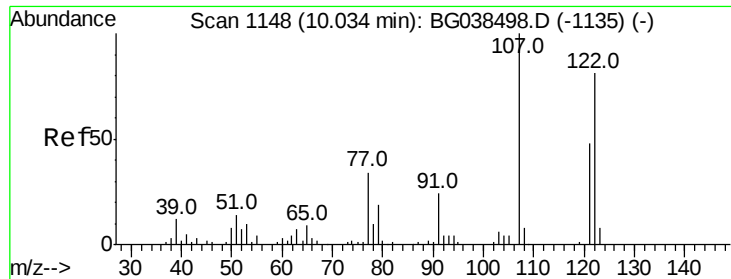
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#26
2-Nitrophenol
Concen: 39.134 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	139	Resp	33471
Ion Ratio	Lower	Upper	
139	100		
109	38.0	29.5	44.3
65	61.6	48.5	72.7





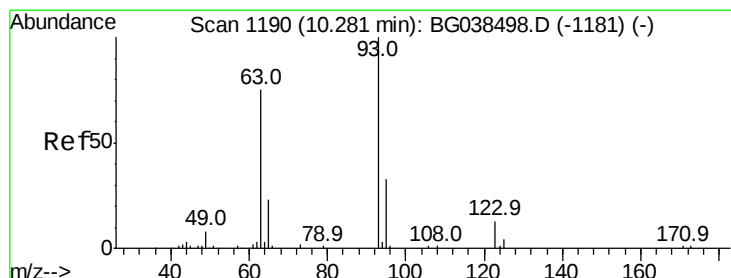
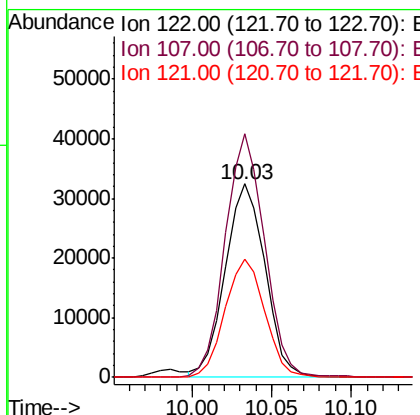
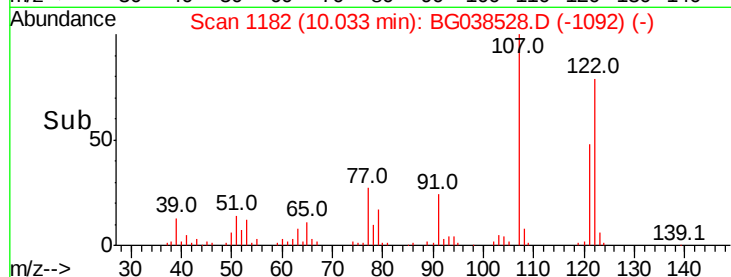
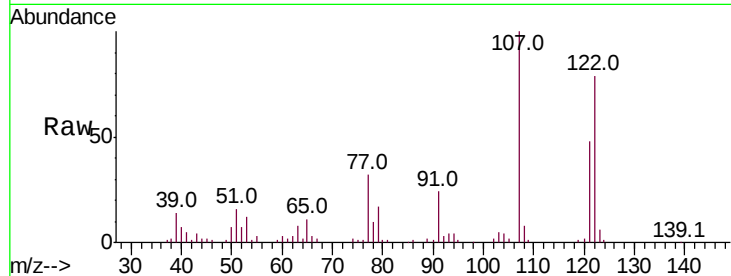
#27
2,4-Dimethylphenol
Concen: 46.210 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion:122 Resp: 56644
Ion Ratio Lower Upper
122 100
107 125.9 98.4 147.6
121 60.8 47.2 70.8

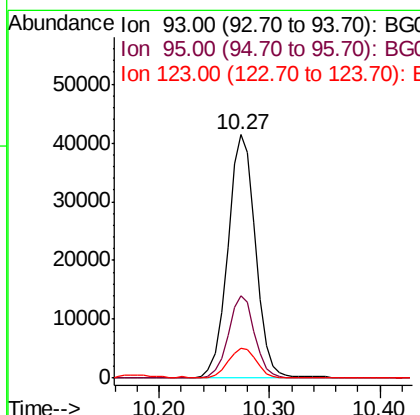
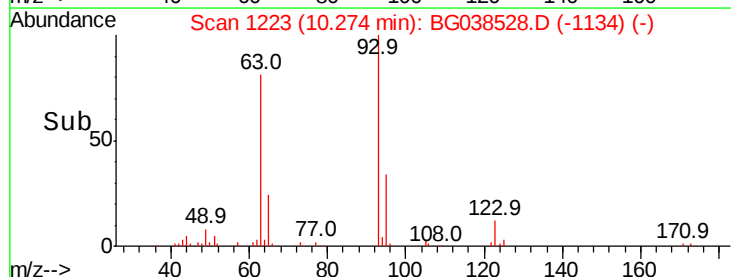
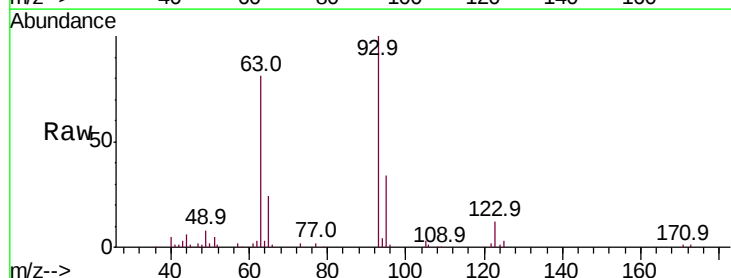
Manual Integrations
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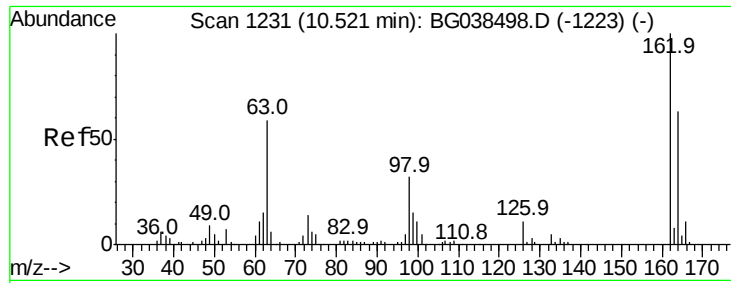
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#28
bis(2-Chloroethoxy)methane
Concen: 43.341 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion: 93 Resp: 72593
Ion Ratio Lower Upper
93 100
95 34.1 26.6 40.0
123 12.1 10.6 16.0





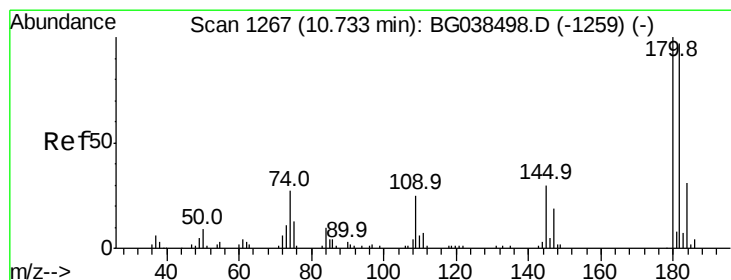
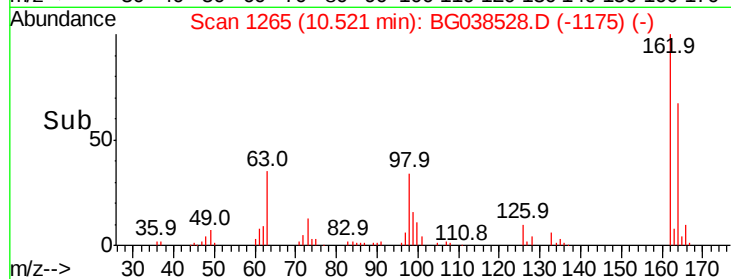
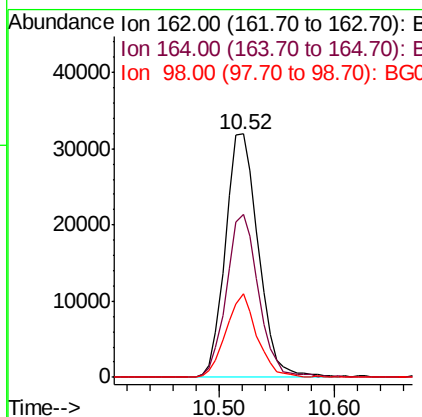
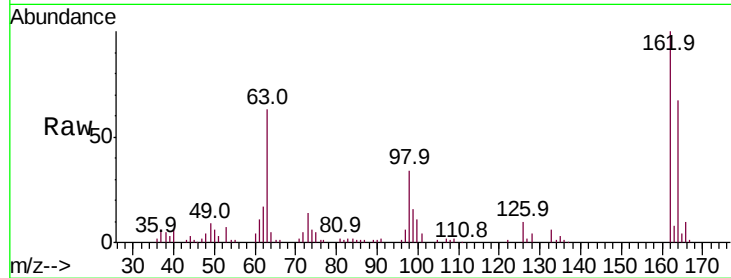
#29
 2,4-Dichlorophenol
 Concen: 46.309 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion:	162	Resp:	63150
Ion Ratio	Lower	Upper	
162	100		
164	66.9	42.9	82.9
98	34.5	12.1	52.1

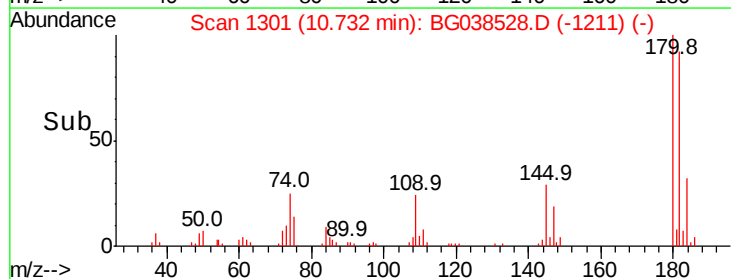
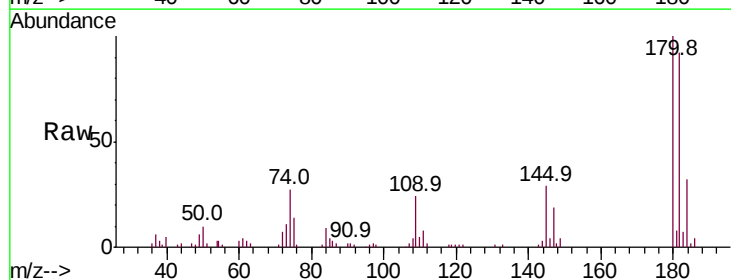
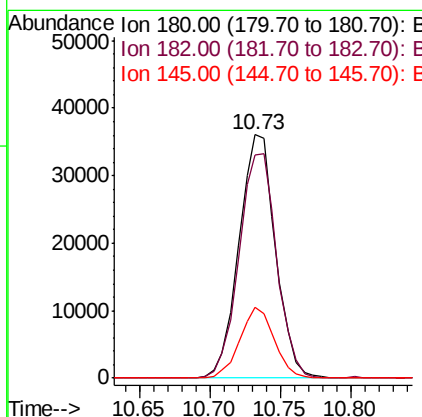
Manual Integrations
 APPROVED

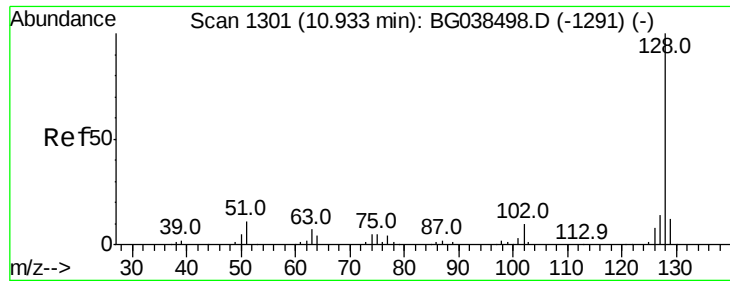
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.562 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:	180	Resp:	65165
Ion Ratio	Lower	Upper	
180	100		
182	91.8	77.4	116.0
145	28.9	24.1	36.1





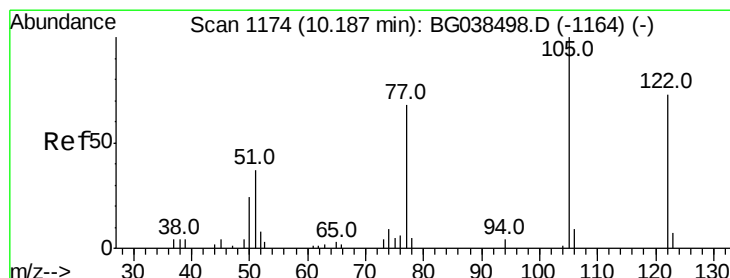
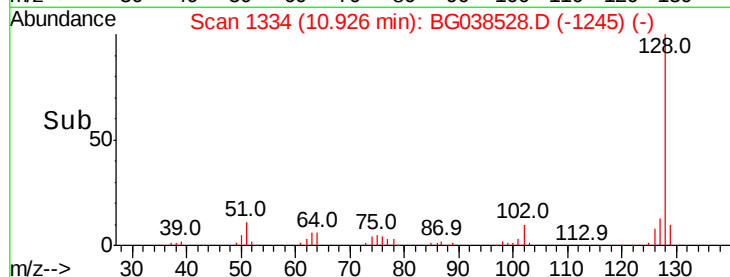
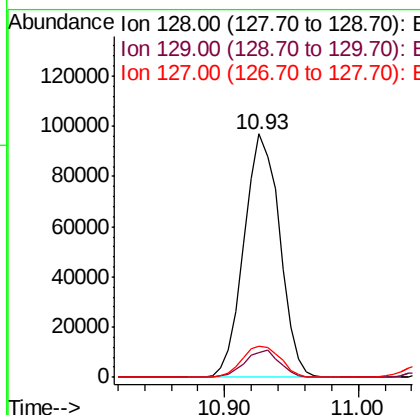
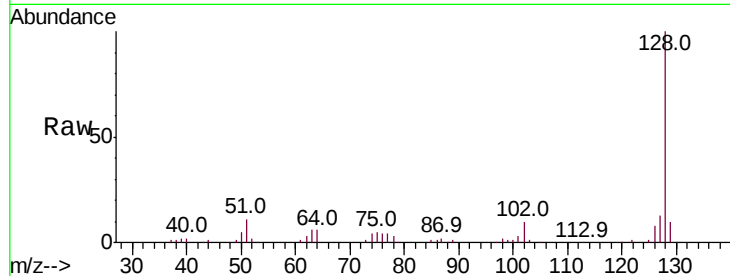
#31
Naphthalene
Concen: 43.036 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.5	14.3
127	12.9	10.9	16.3

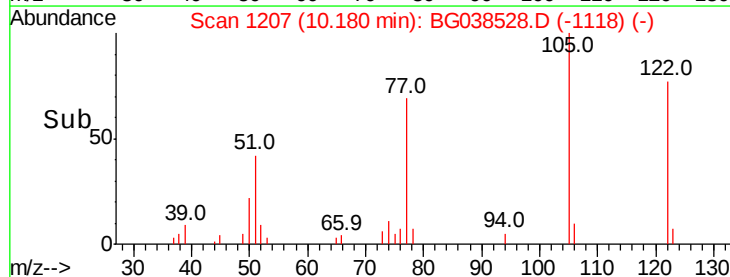
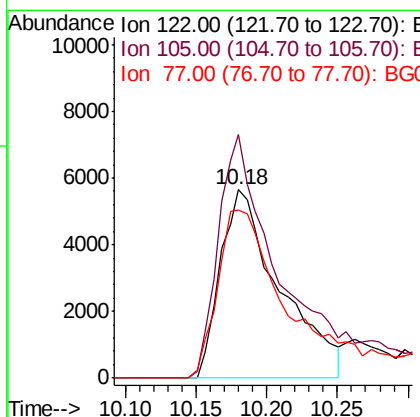
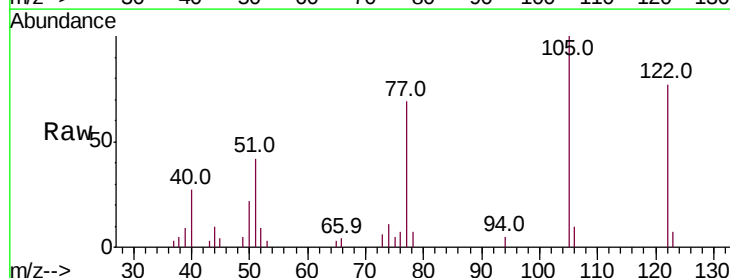
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#32
Benzoic acid
Concen: 26.936 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	116.7	156.7
77	89.3	72.5	112.5





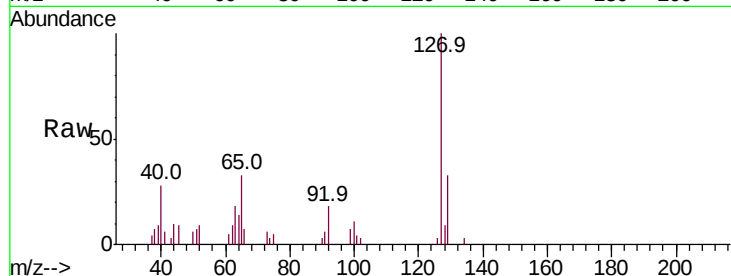
#33
4-Chloroaniline
Concen: 6.552 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	32.7	27.8	41.6
92	18.2	17.0	25.6

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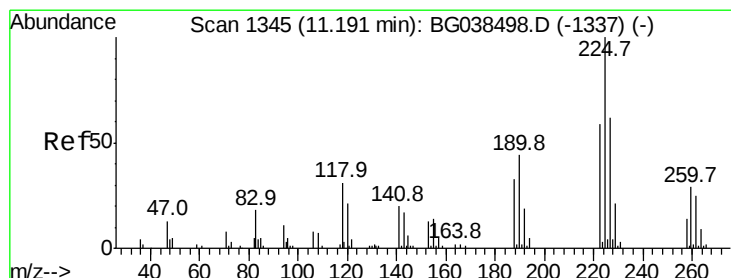
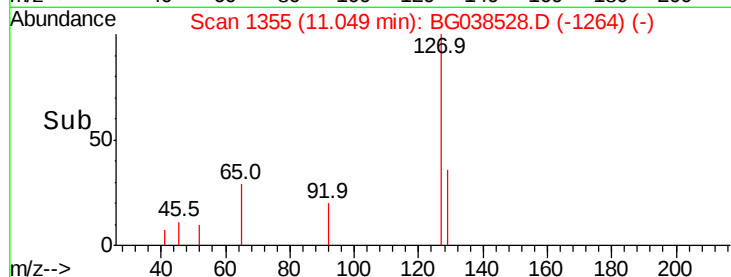
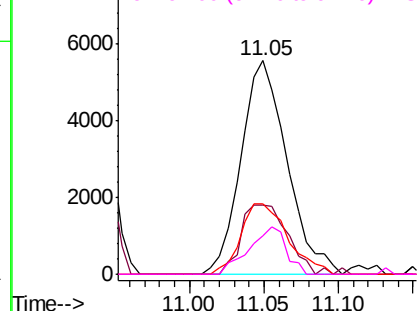
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.272 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

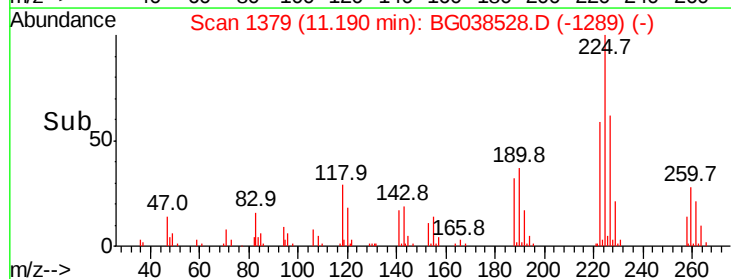
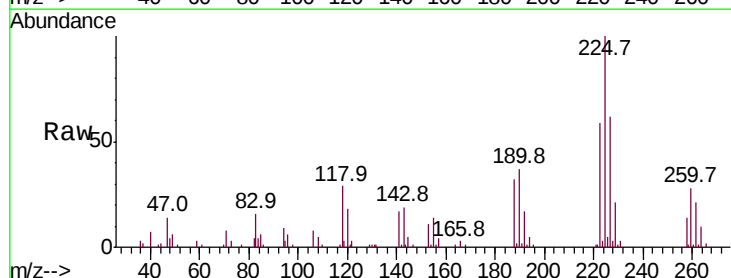
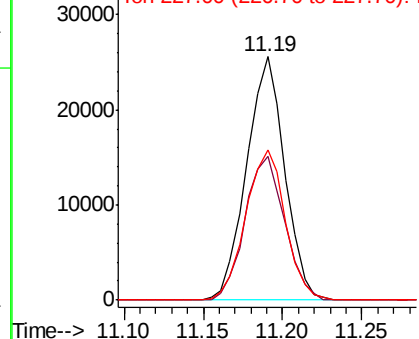
Tgt Ion	Ratio	Lower	Upper
225	100		
223	55.8	45.0	67.6
227	61.4	50.6	75.8

Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





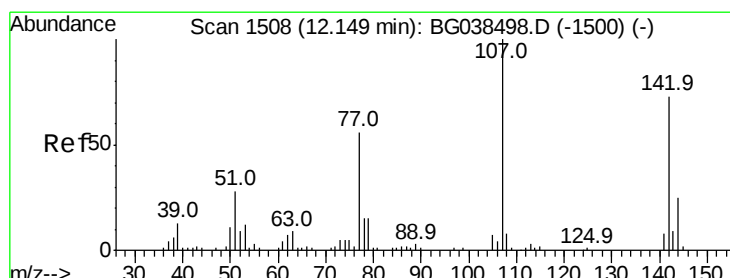
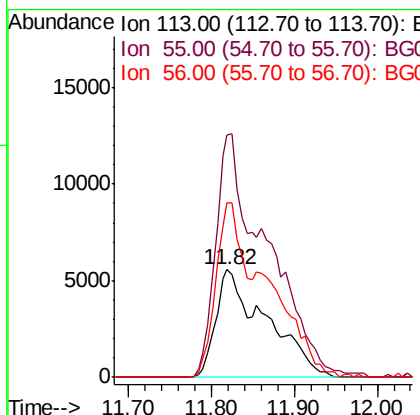
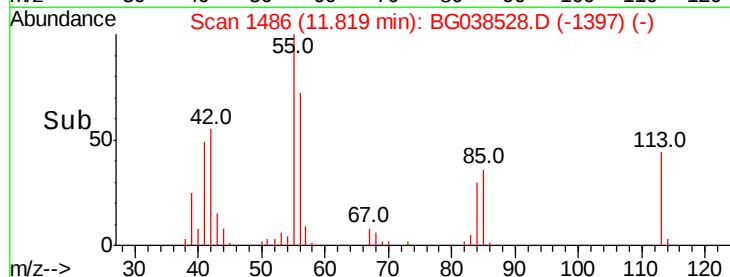
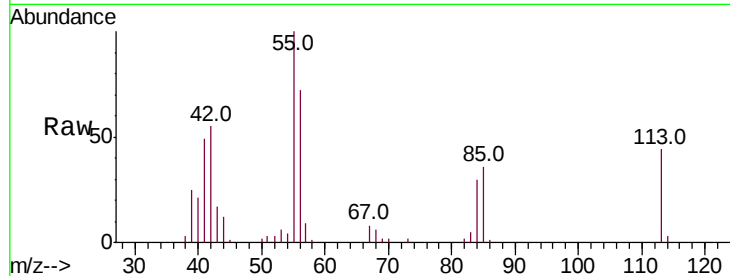
#35
 Caprolactam
 Concen: 41.556 ng/ml
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleID :
 BF-01-120418MS

Tot Ion:113 Resp: 23452
 Ion Ratio Lower Upper
 113 100
 55 225.0 204.3 244.3
 56 161.9 135.0 175.0

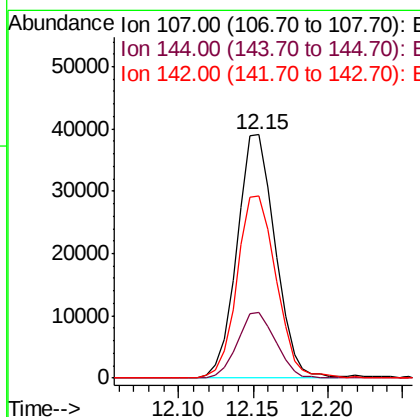
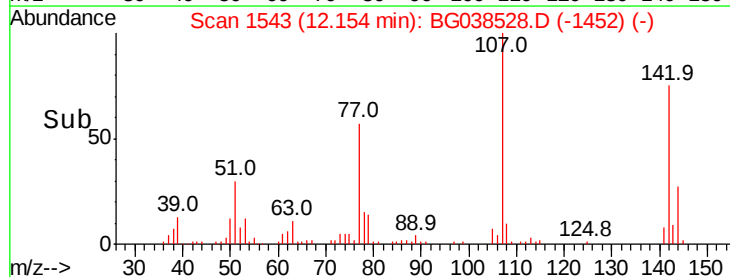
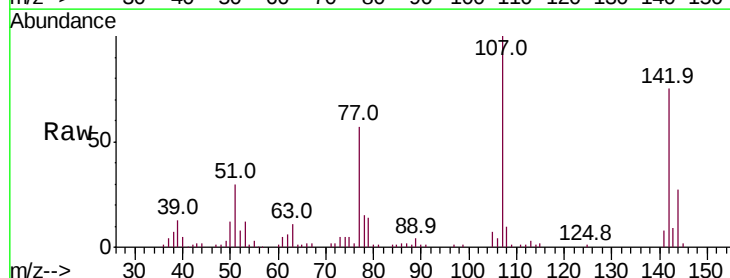
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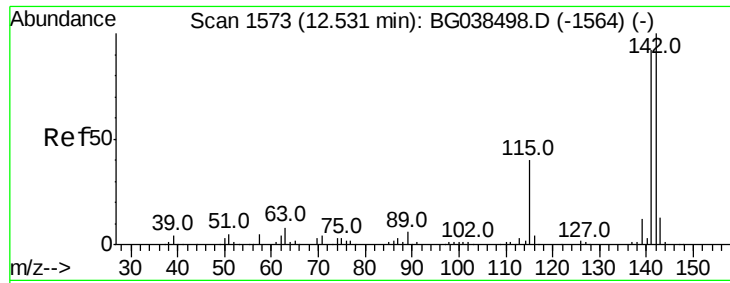
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#36
 4-Chloro-3-methylphenol
 Concen: 44.552 ng/ml
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion:107 Resp: 69330
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.1 30.1
 142 74.7 58.7 88.1





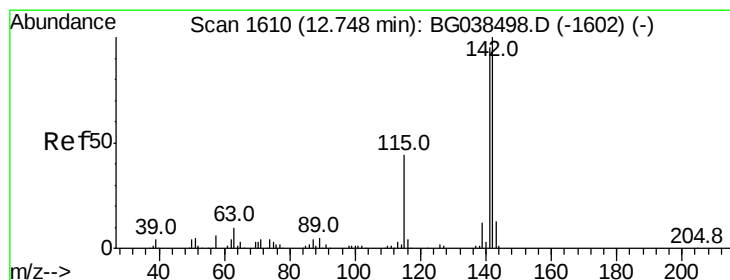
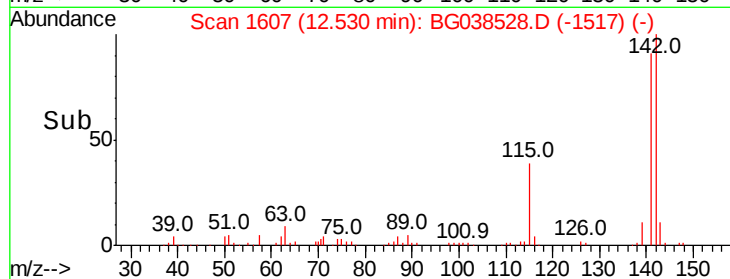
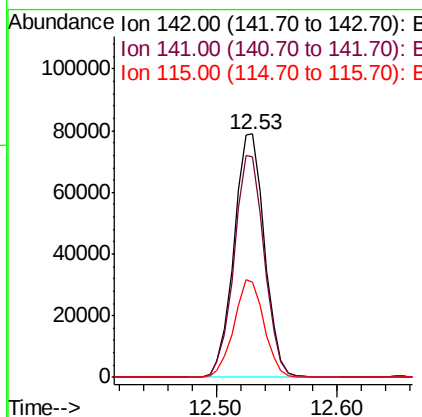
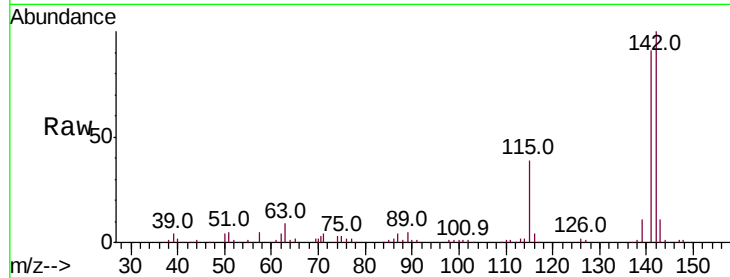
#37
2-Methylnaphthalene
Concen: 46.922 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	39.2	31.7	47.5

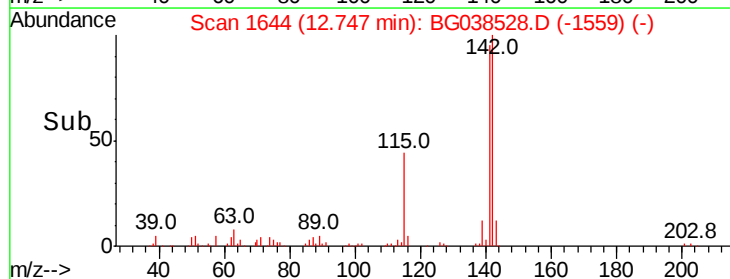
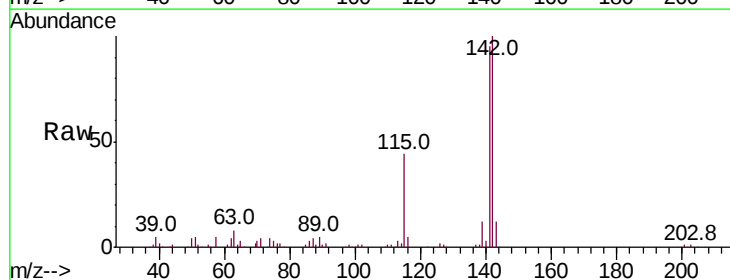
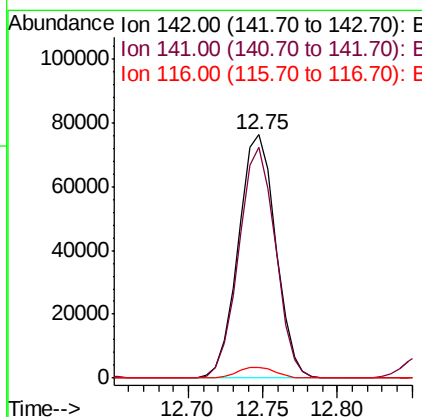
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#38
1-Methylnaphthalene
Concen: 45.965 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.8	113.8
116	4.6	3.6	5.4





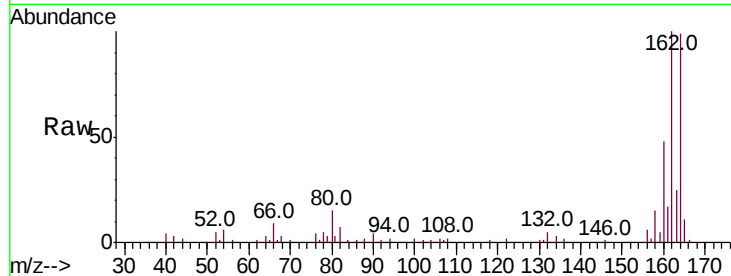
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.6	130.0
160	48.1	34.2	51.2

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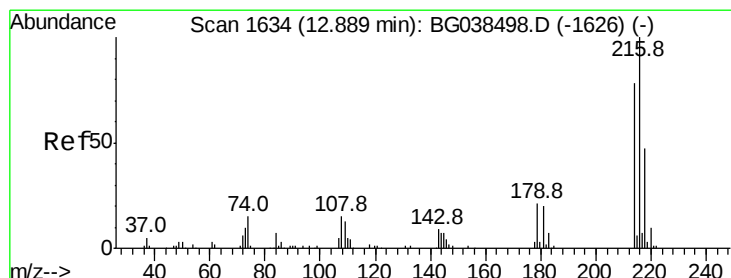
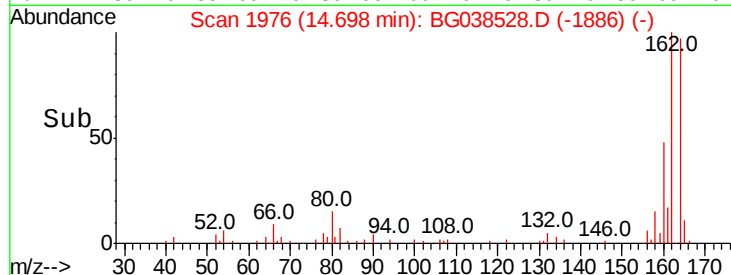
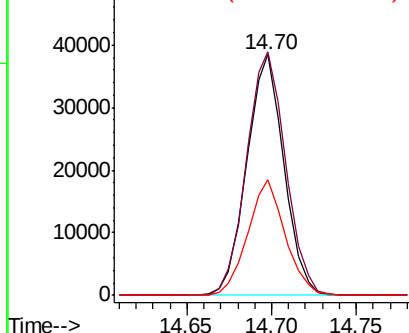


Abundance

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: 37.124 ng
 RT: 12.89 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.1	96.1
179	19.8	16.4	24.6
108	18.7	13.9	20.9

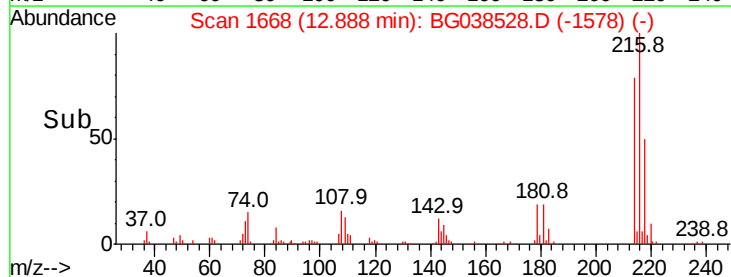
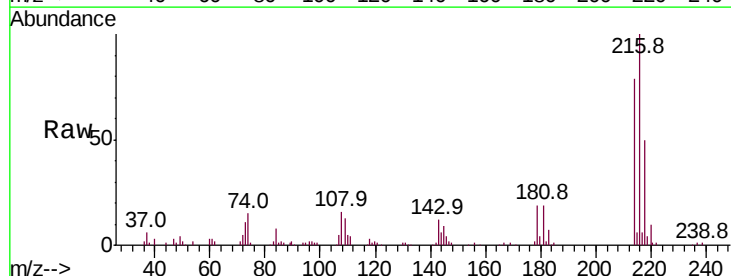
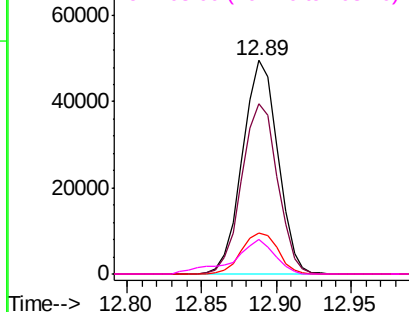
Abundance

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: 81.369 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

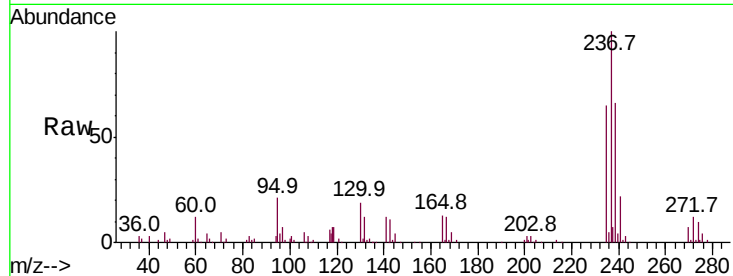
ClientSampleId :

BF-01-120418MS

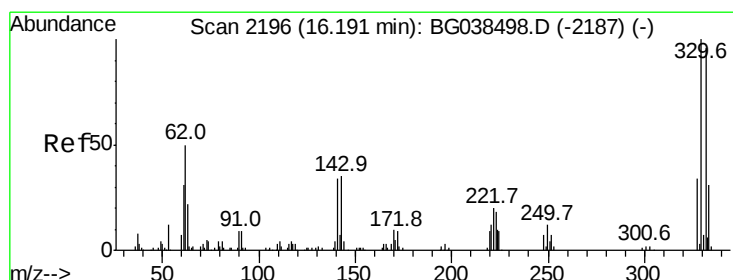
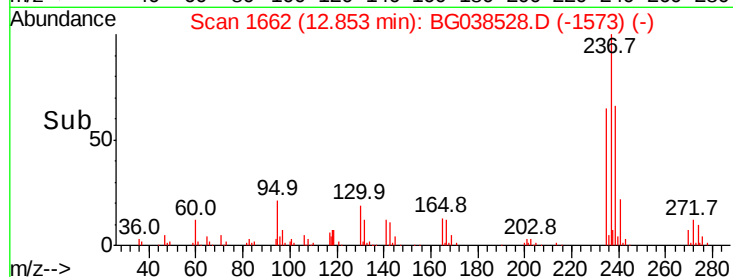
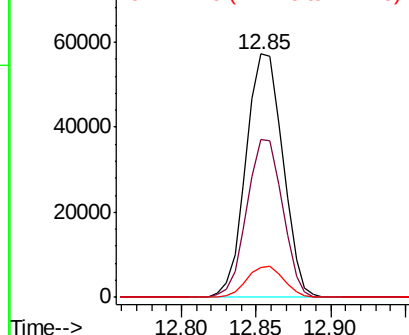
Tot Ion:	237	Resp:	97796
Ion Ratio	Lower	Upper	
237	100		
235	65.0	38.8	78.8
272	12.4	0.0	32.0

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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: 134.529 ng

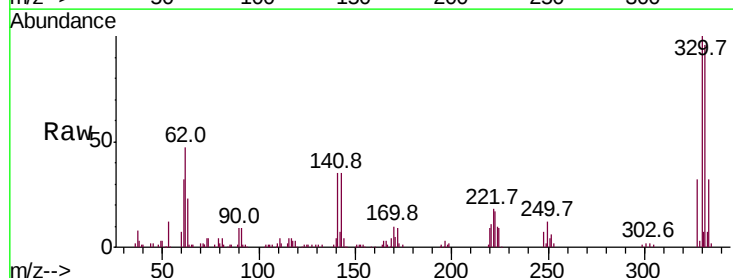
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

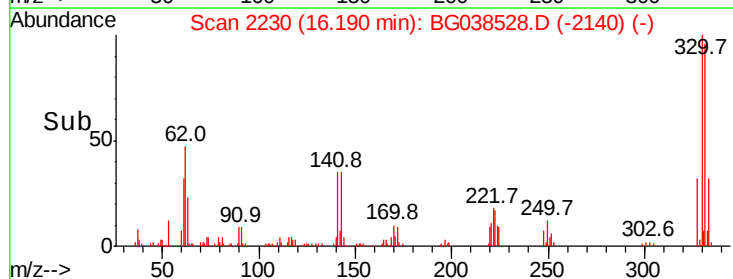
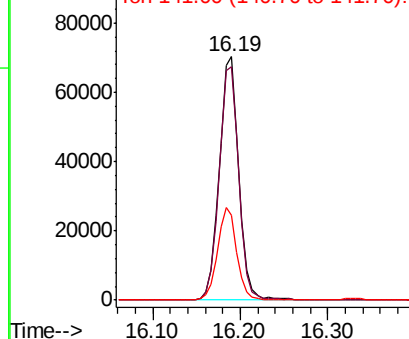
Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	330	Resp:	108508
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.9	115.3
141	37.5	28.8	43.2



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





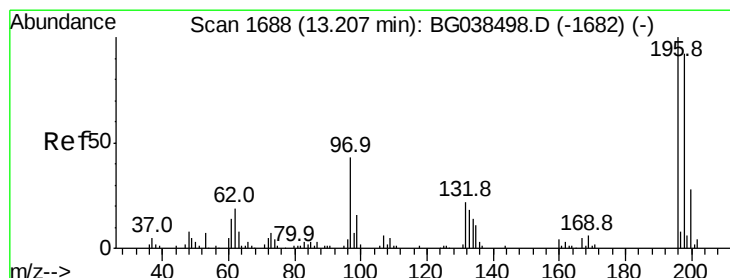
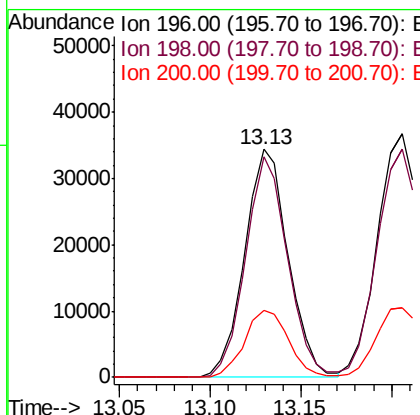
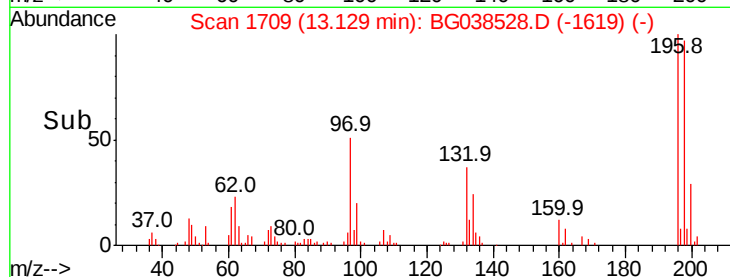
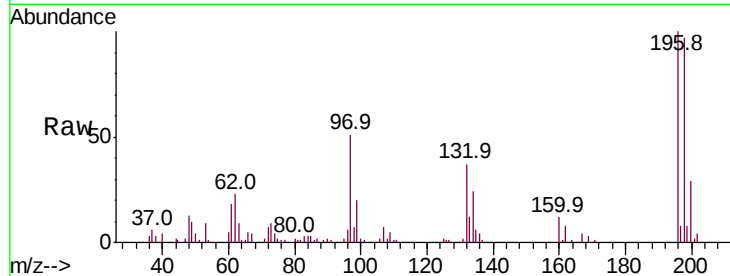
#43
 2,4,6-Trichlorophenol
 Concen: 42.541 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.0	112.4
200	29.4	22.4	33.6

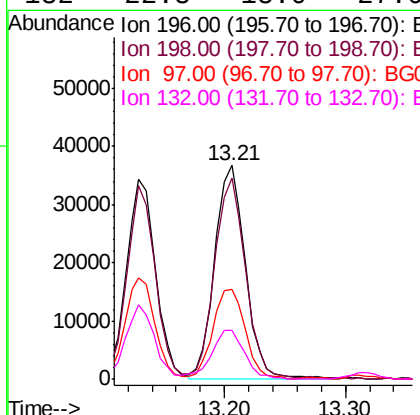
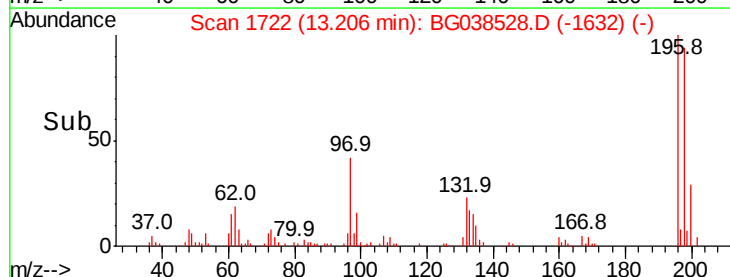
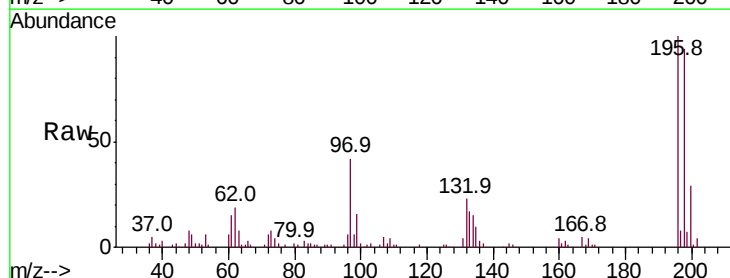
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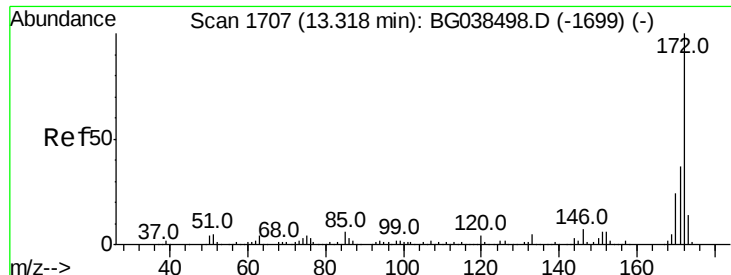
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#44
 2,4,5-Trichlorophenol
 Concen: 45.362 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.0	111.0
97	41.8	35.1	52.7
132	22.8	18.0	27.0





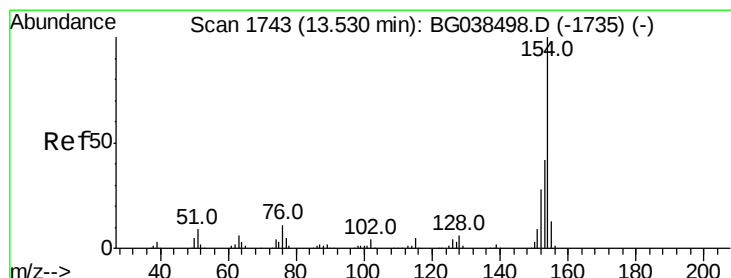
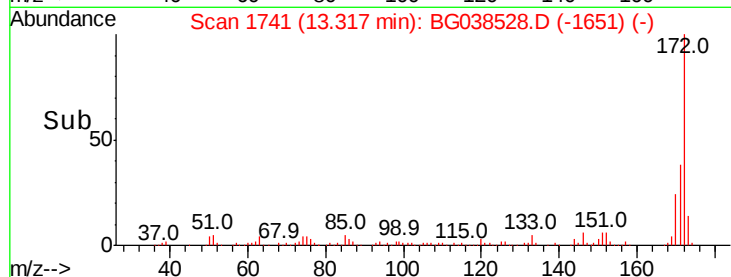
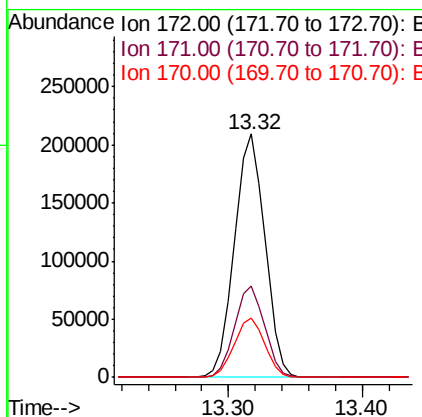
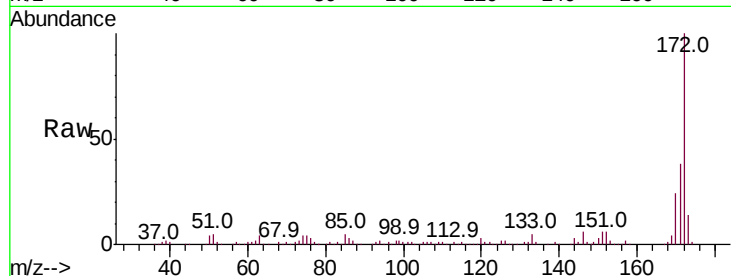
#45
2-Fluorobiphenyl
Concen: 77.666 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	331335		
171	37.7		29.8	44.6
170	24.2		19.5	29.3

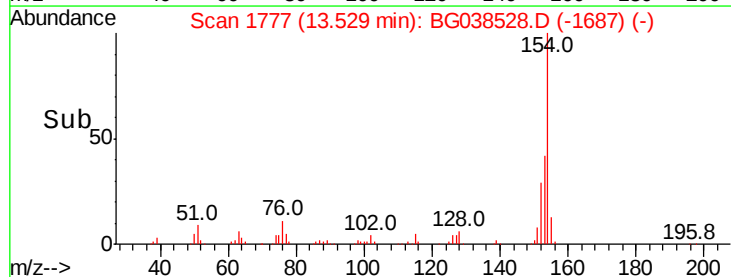
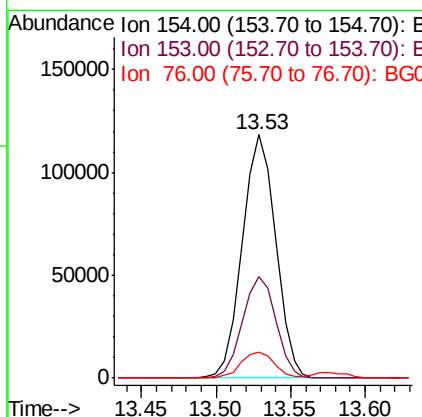
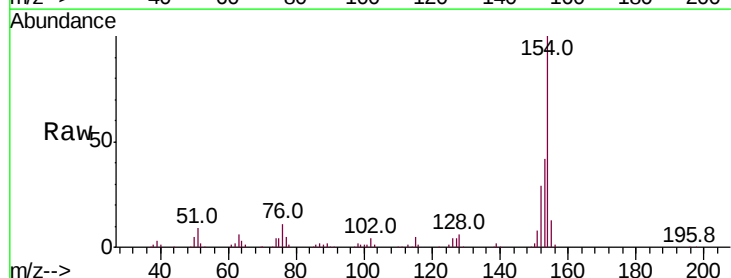
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#46
1,1'-Biphenyl
Concen: 37.312 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	183063		
153	41.7		22.1	62.1
76	10.9		0.0	31.2





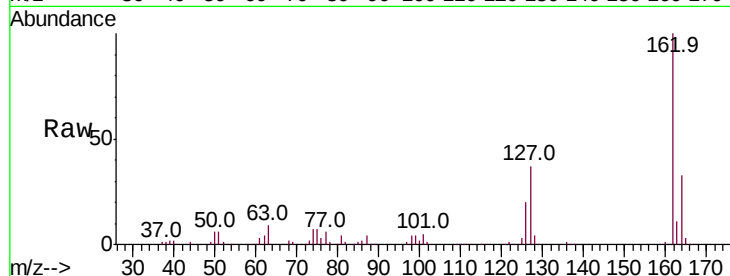
#47
2-Chloronaphthalene
Concen: 38.892 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	27.8	41.8
164	33.0	26.9	40.3

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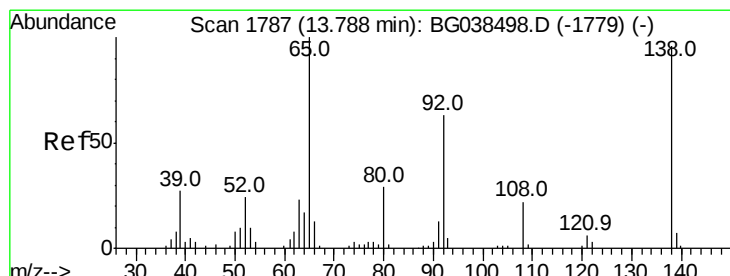
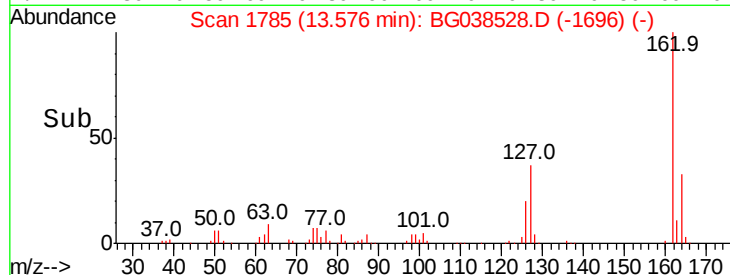
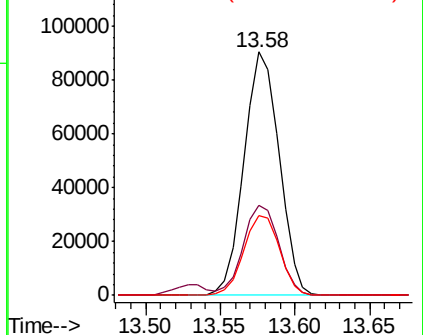


Abundance

Ion 162.00 (161.70 to 162.70): E

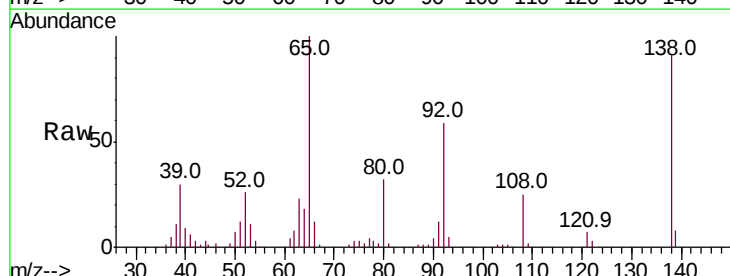
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.368 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.3	50.0	75.0
138	90.8	76.9	115.3

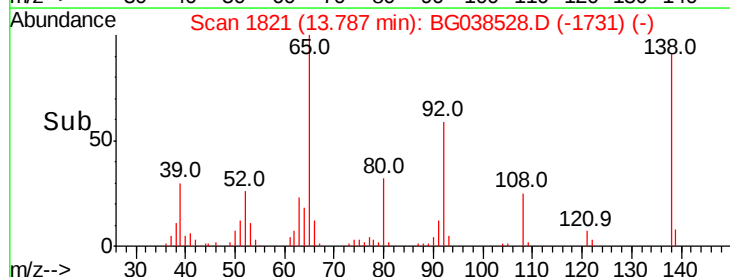
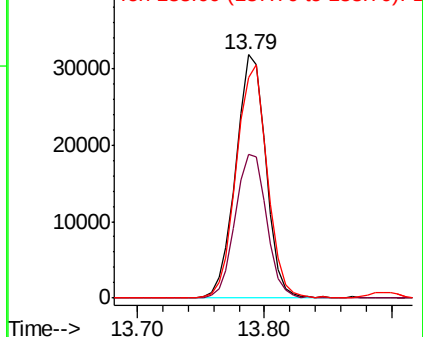


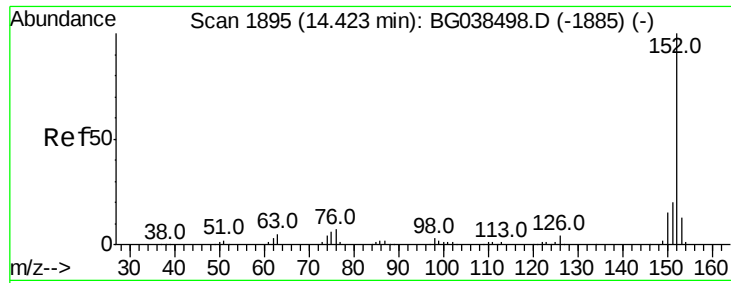
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.801 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

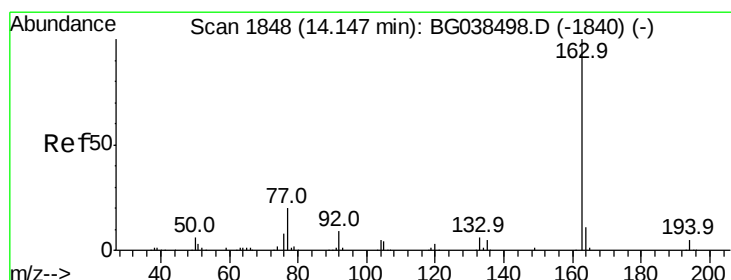
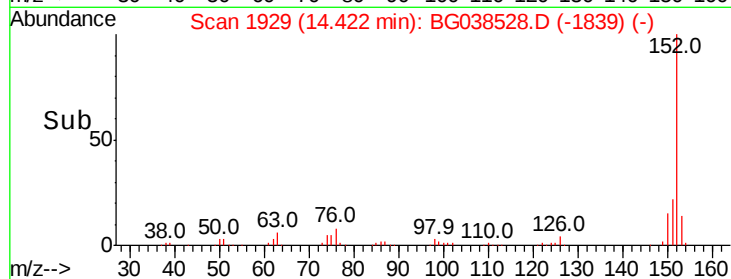
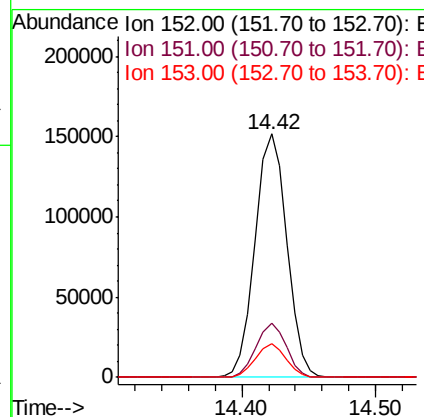
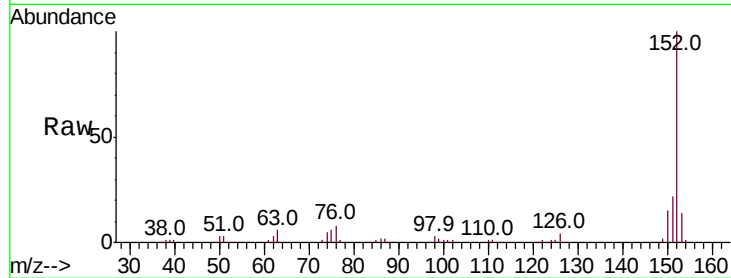
ClientSampleId :

BF-01-120418MS

Tot Ion:	152	Resp:	248162
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.4	24.6
153	13.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 48.991 ng

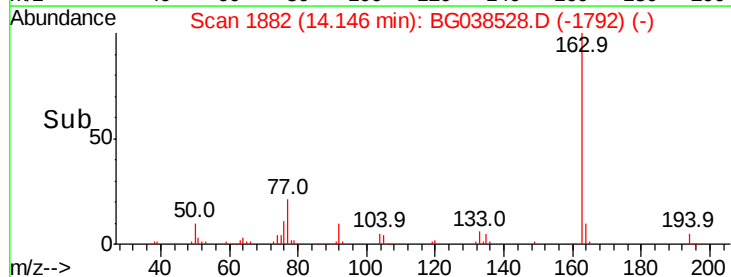
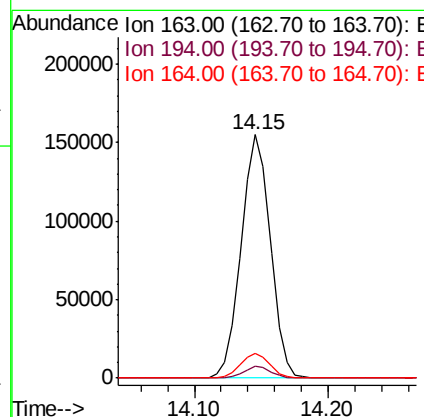
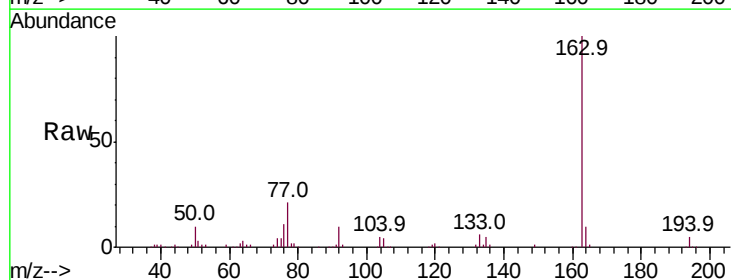
RT: 14.15 min Scan# 1882

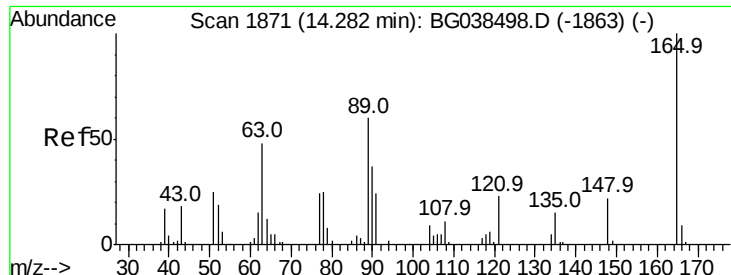
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	163	Resp:	234145
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.7	5.5
164	10.2	8.6	12.8





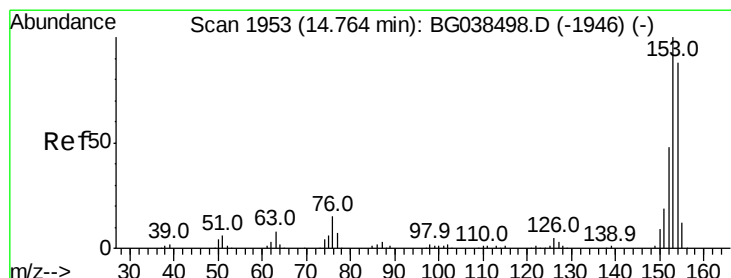
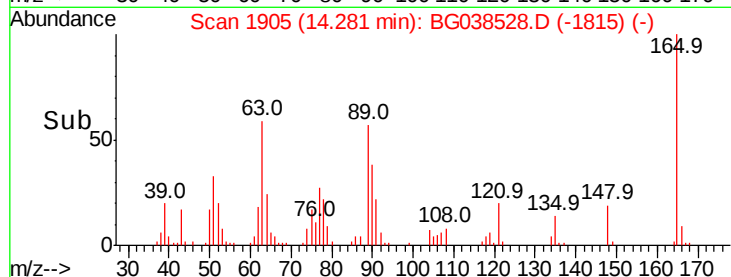
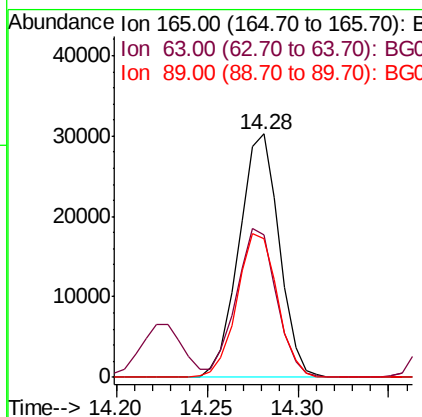
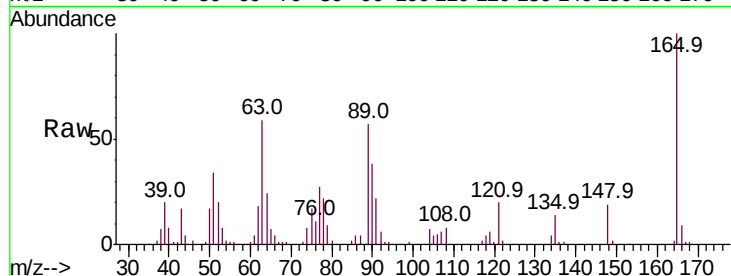
#51
2,6-Dinitrotoluene
Concen: 43.029 ng
RT: 14.28 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.7	51.8	77.6
89	57.1	47.9	71.9

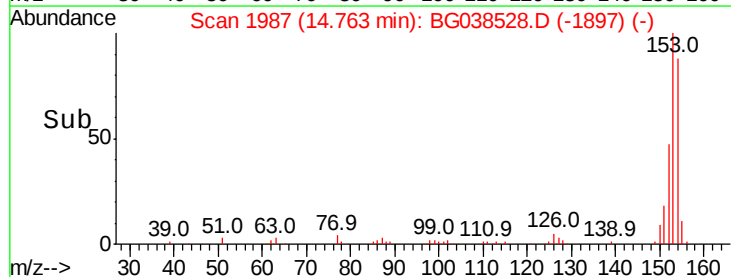
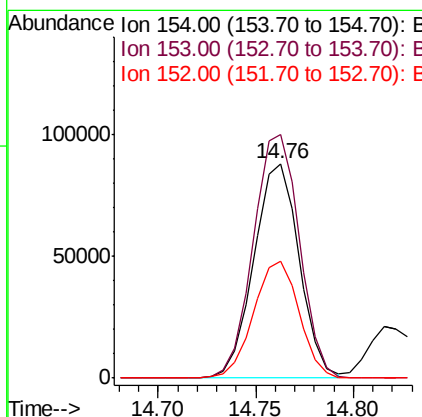
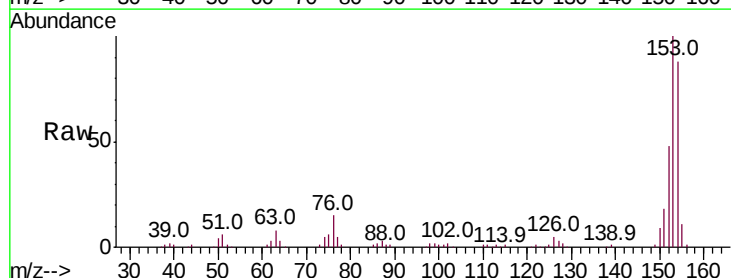
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#52
Acenaphthene
Concen: 41.853 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.6	136.0
152	54.3	43.5	65.3





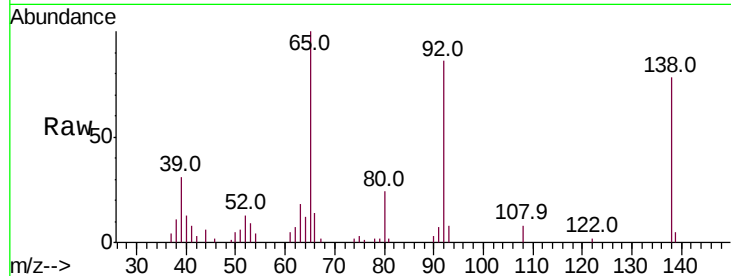
#53
 3-Nitroaniline
 Concen: 15.186 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

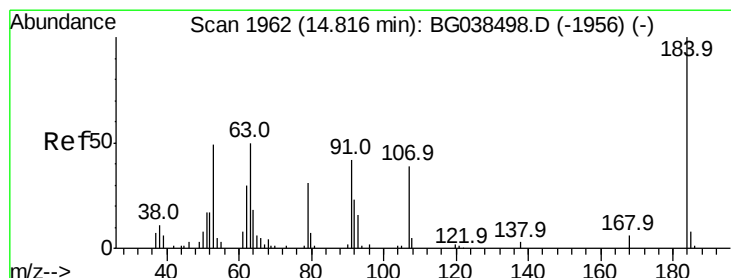
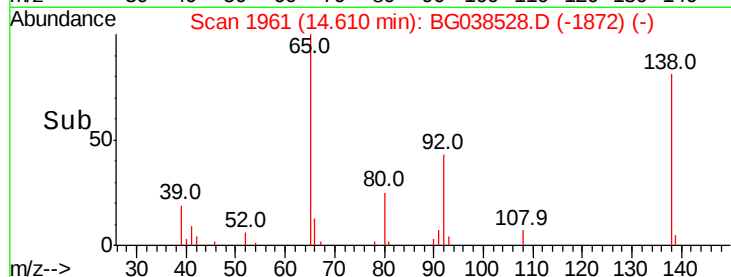
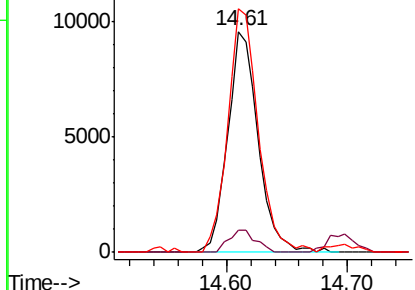
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	110.3	95.3	142.9

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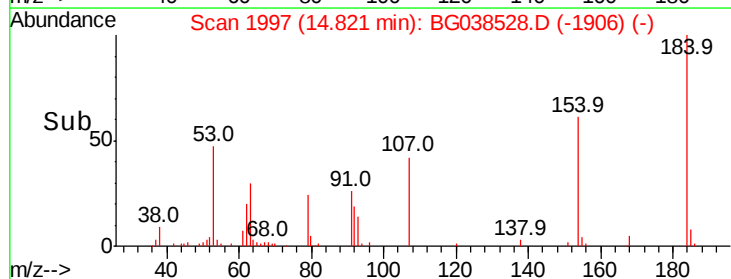
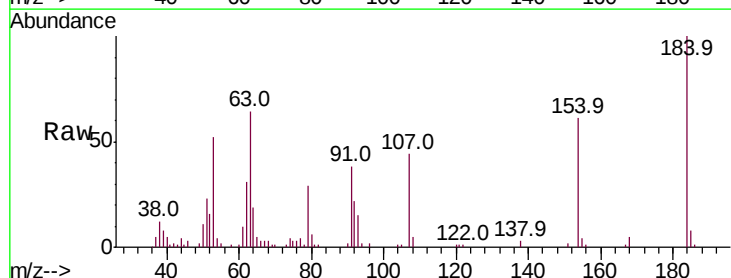
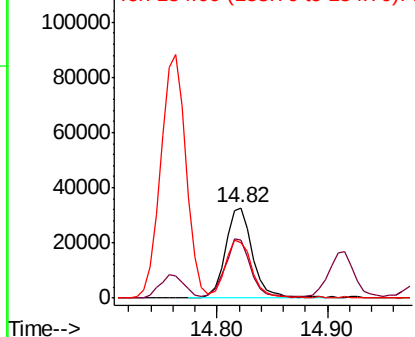
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

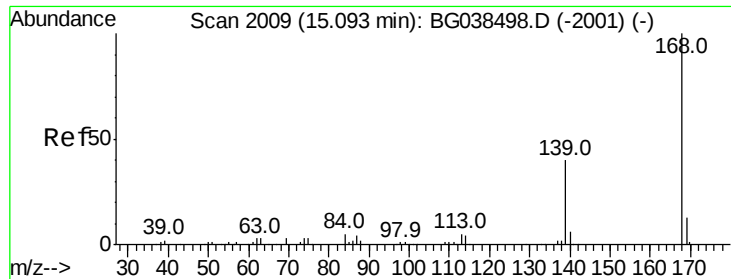


#54
 2,4-Dinitrophenol
 Concen: 86.964 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.2	47.0	70.6
154	61.2	50.3	75.5

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





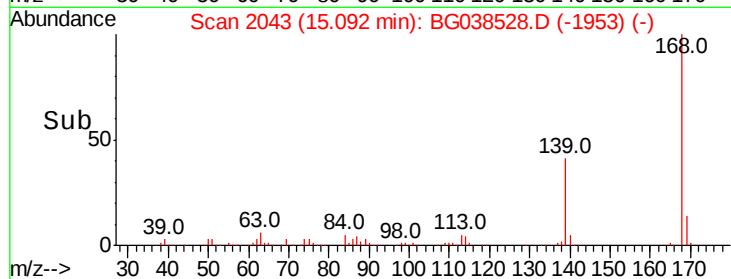
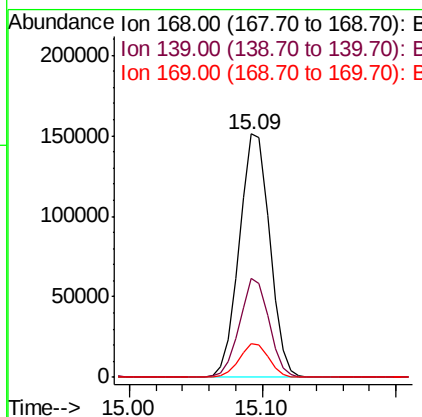
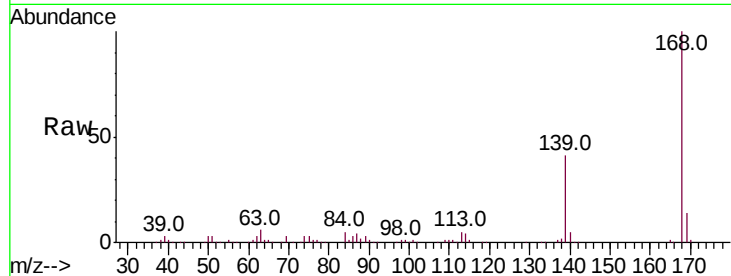
#55
Dibenzenofuran
Concen: 41.058 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.2	48.2
169	13.7	10.6	16.0

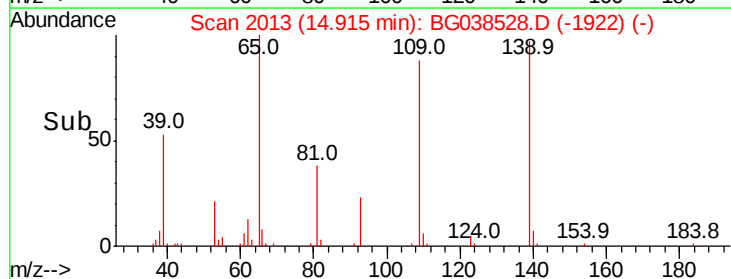
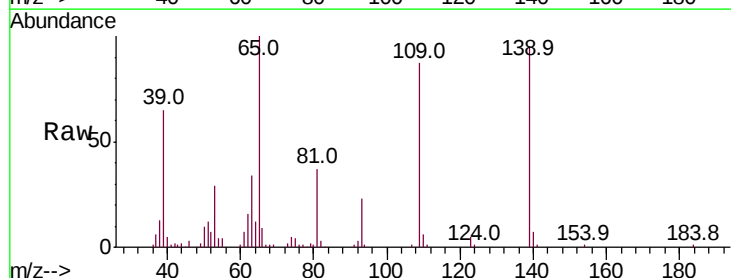
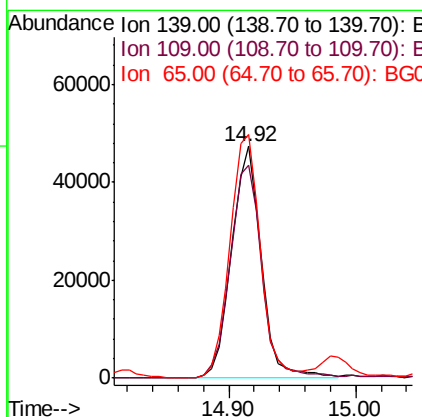
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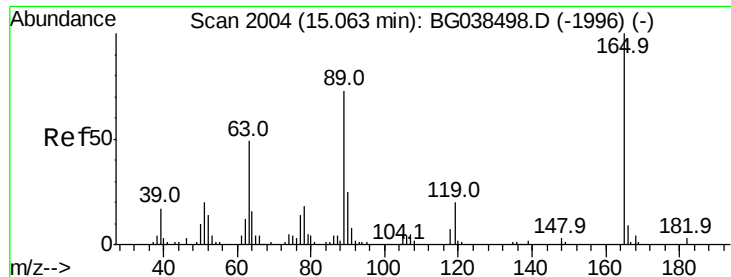
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#56
4-Nitrophenol
Concen: 91.248 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.7	73.6	113.6
65	105.1	84.8	124.8





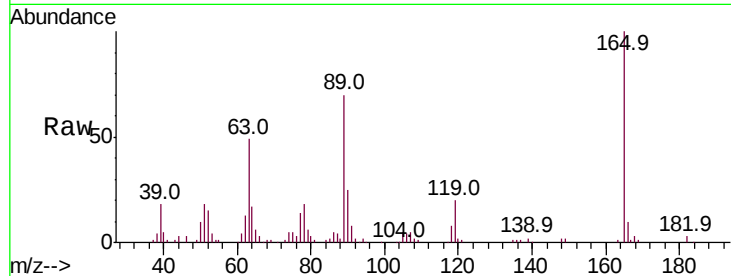
#57
 2,4-Dinitrotoluene
 Concen: 43.742 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

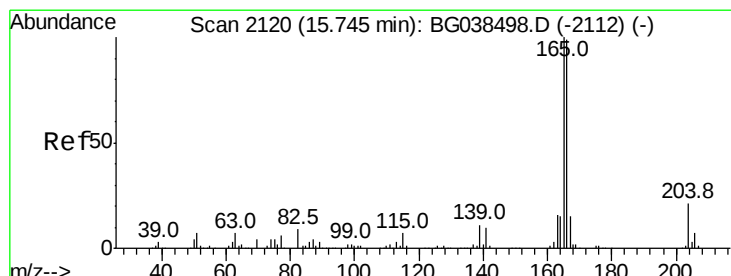
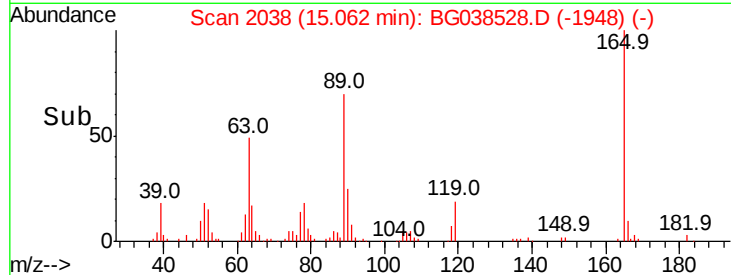
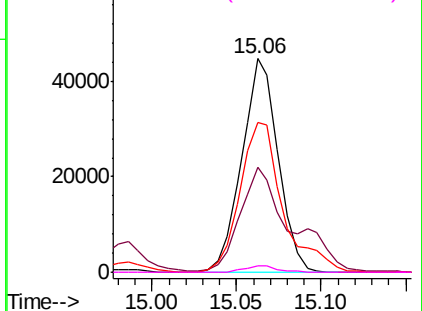
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.2	39.0	58.4
89	70.4	58.0	87.0
182	3.1	2.3	3.5

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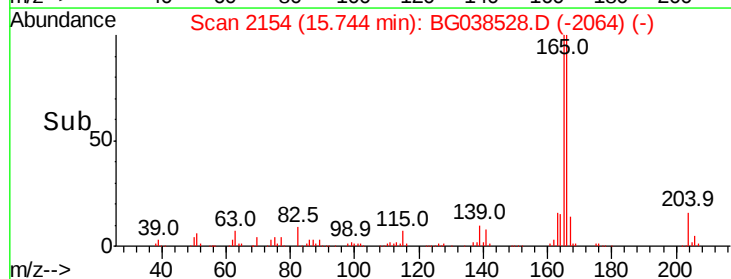
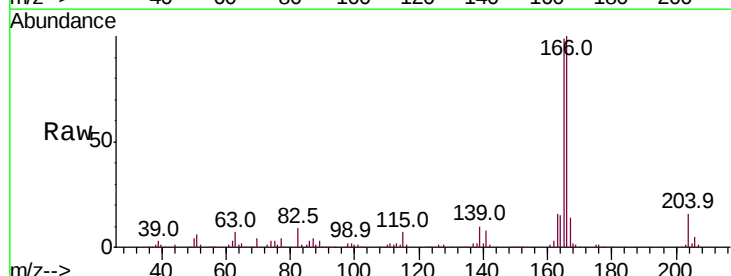
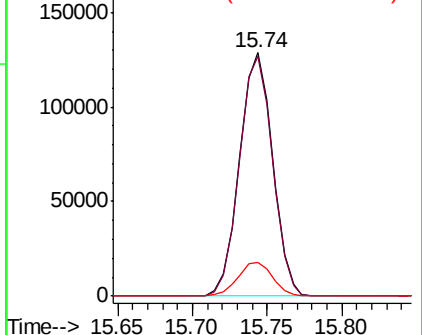
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.918 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.6	120.8
167	14.1	12.0	18.0

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





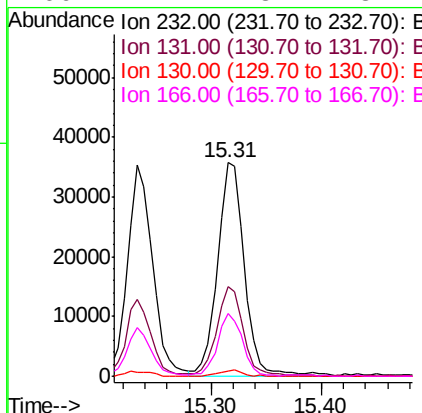
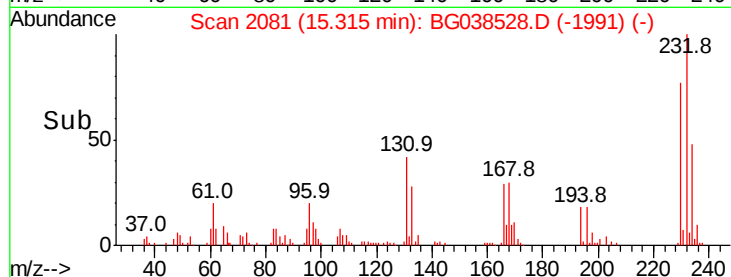
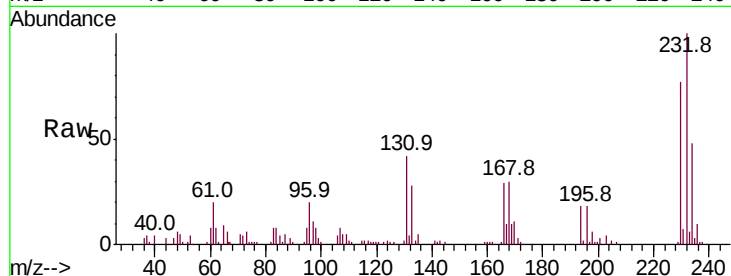
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.694 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.3	33.0	49.4
130	2.6	2.0	3.0
166	27.1	23.1	34.7

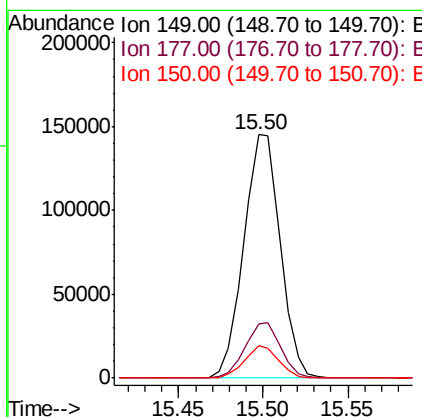
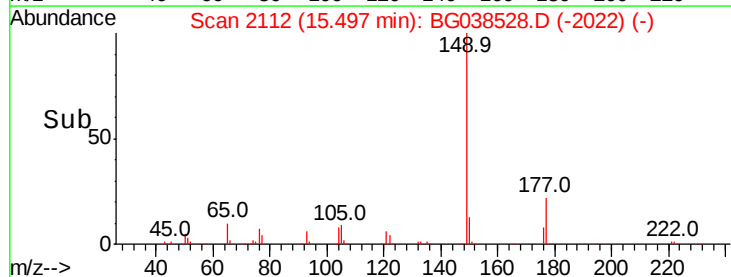
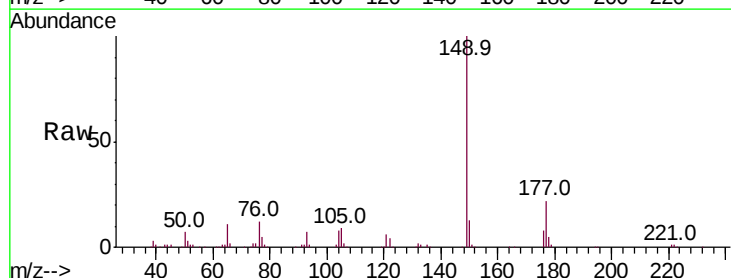
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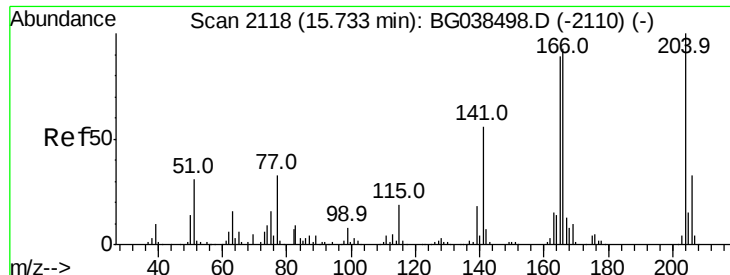
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#60
 Diethylphthalate
 Concen: 41.638 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.7	26.5
150	13.2	9.9	14.9





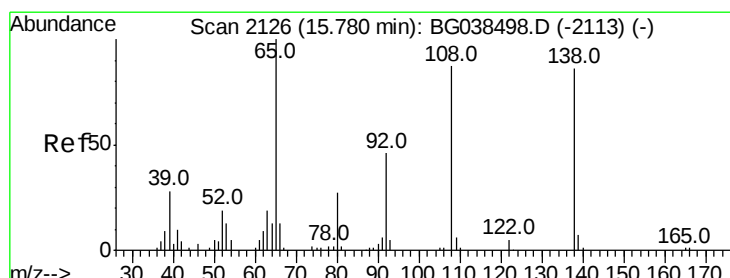
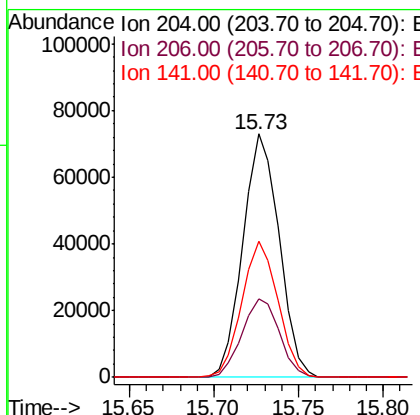
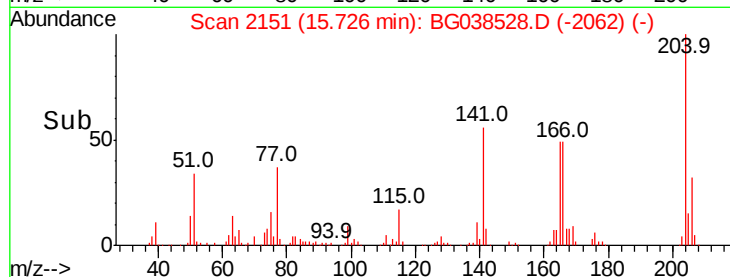
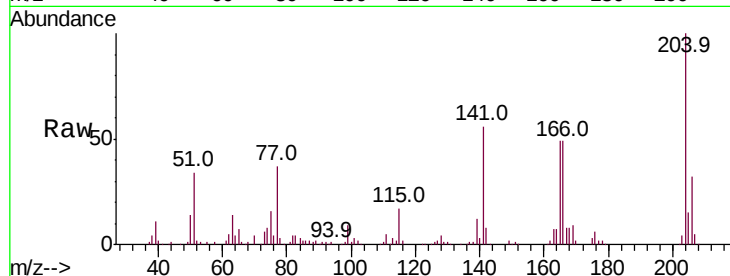
#61
4-Chlorophenyl-phenylether
Concen: 40.548 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	56.0	44.4	66.6

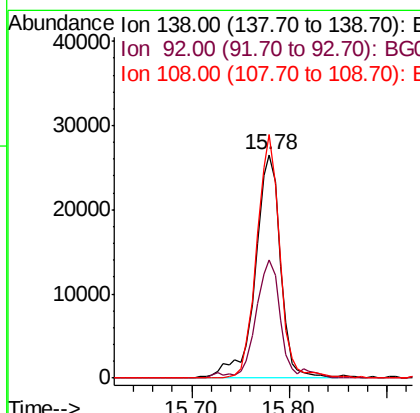
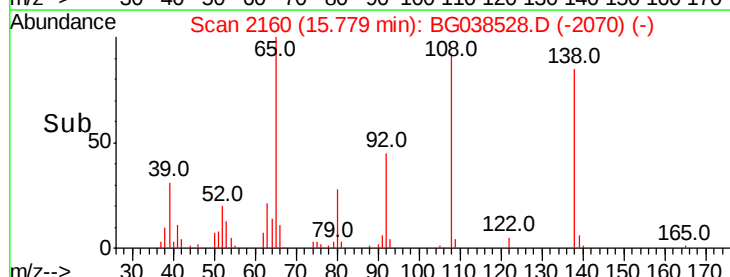
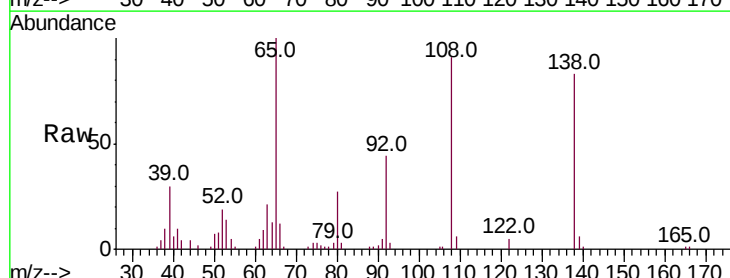
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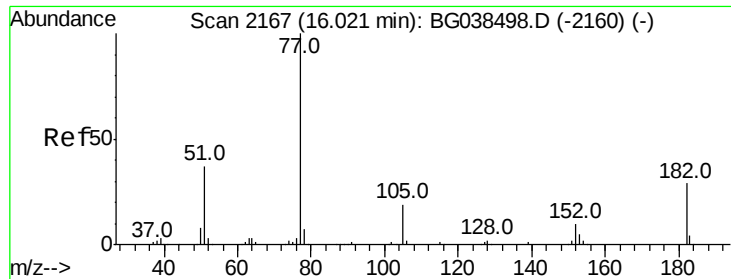
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#62
4-Nitroaniline
Concen: 42.277 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	33.3	73.3
108	109.0	81.4	121.4





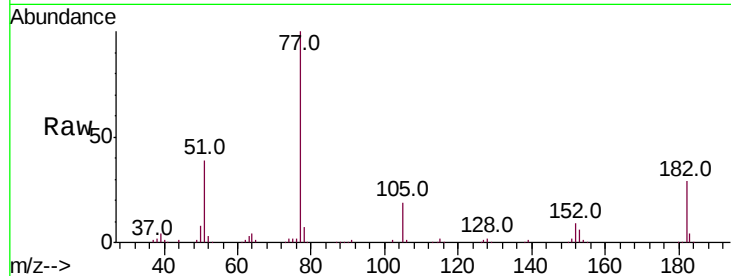
#63
Azobenzene
Concen: 42.774 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.7	48.7
105	18.7	0.0	38.7
51	38.9	16.6	56.6

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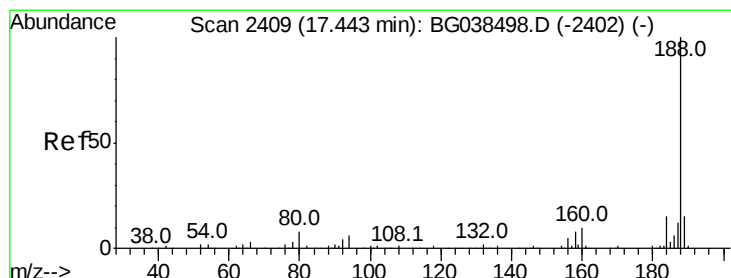
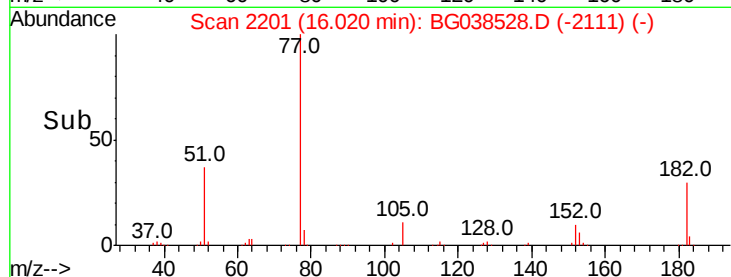
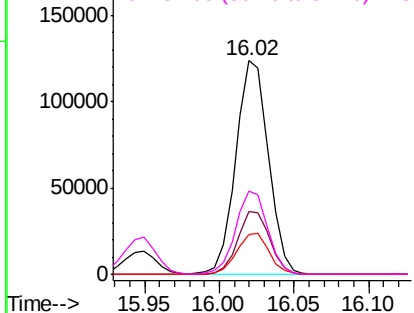
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

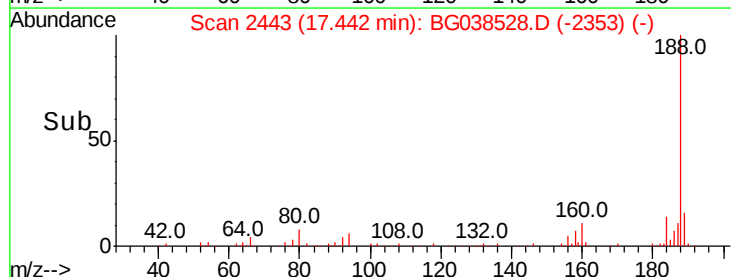
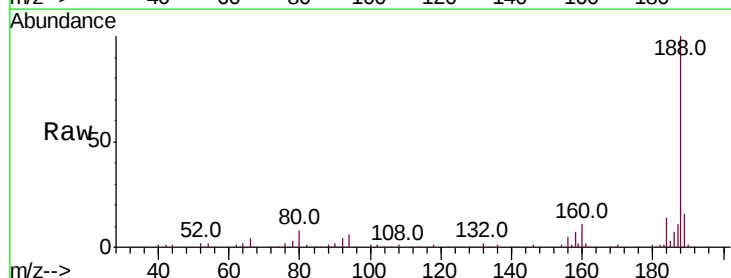
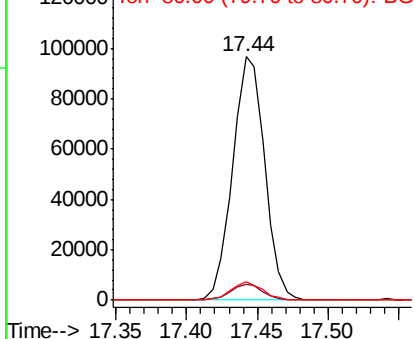
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.6	6.1	9.1

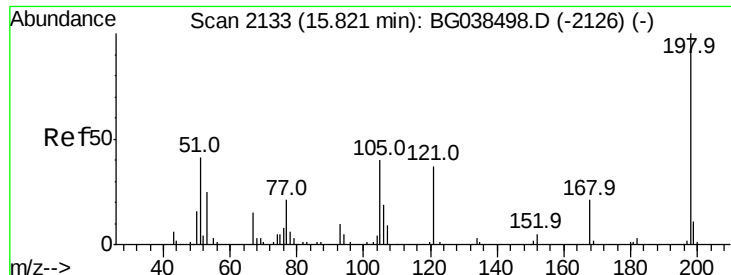
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





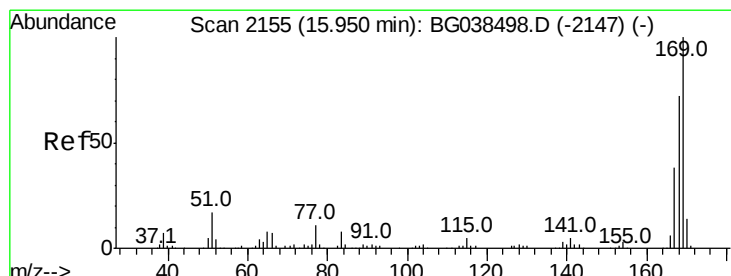
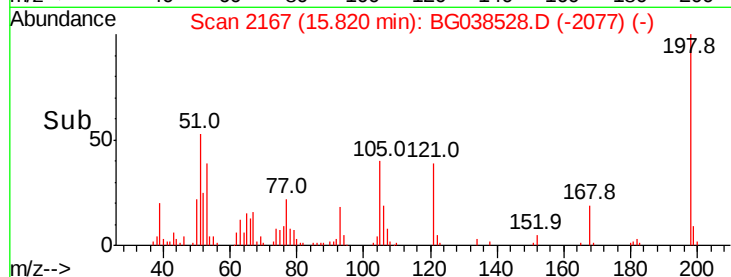
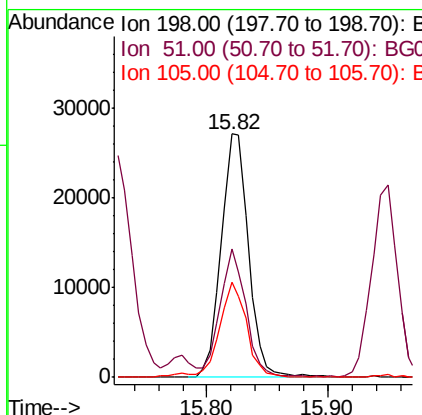
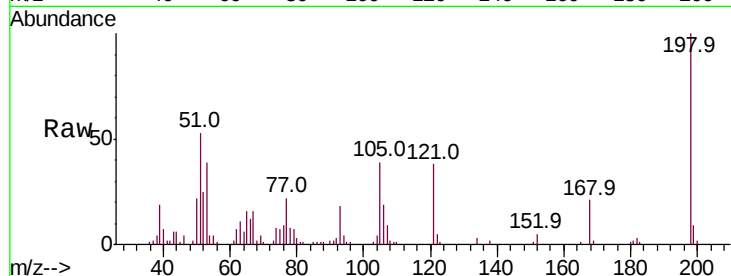
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.905 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.7	28.6	68.6
105	39.3	20.4	60.4

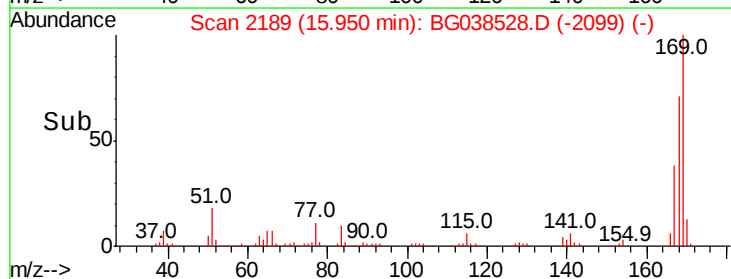
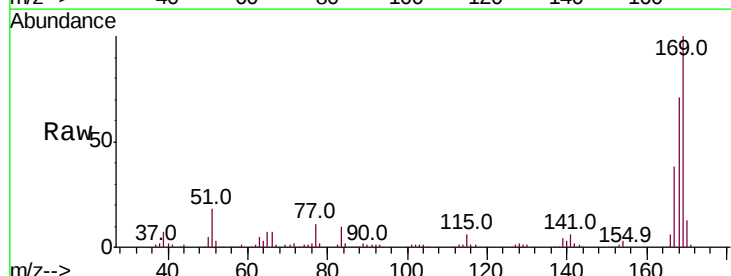
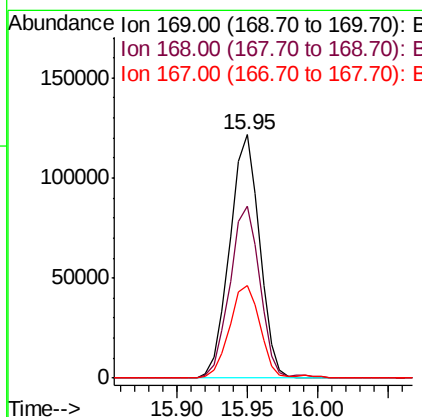
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#66
 n-Nitrosodiphenylamine
 Concen: 39.984 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	57.5	86.3
167	38.0	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 38.385 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

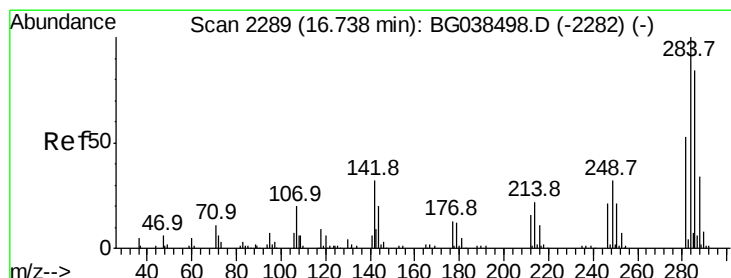
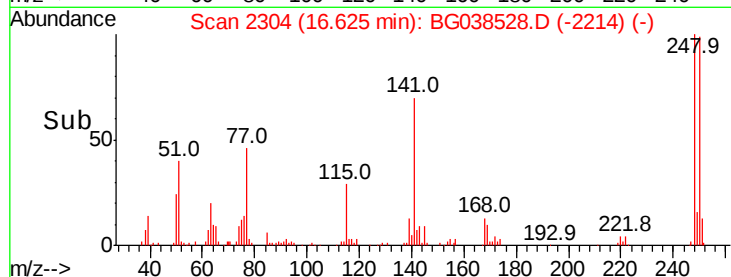
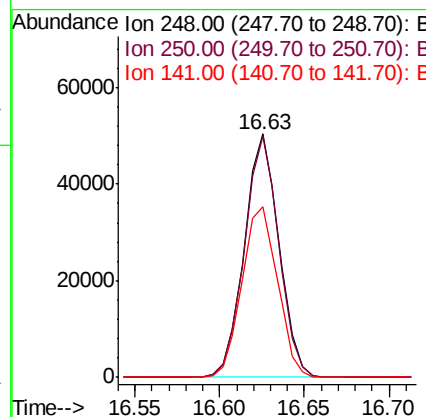
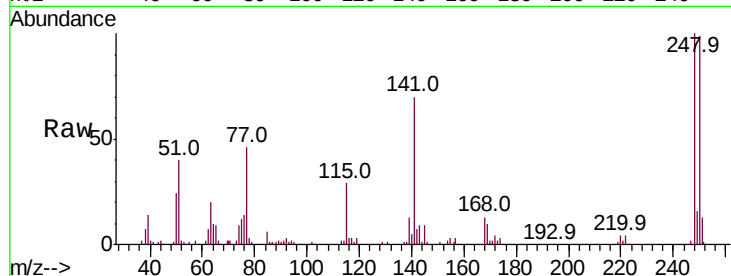
ClientSampleId :

BF-01-120418MS

Tot Ion:	248	Resp:	71622
Ion Ratio	Lower	Upper	
248	100		
250	98.7	73.4	110.2
141	70.1	52.9	79.3

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#68

Hexachlorobenzene

Concen: 39.106 ng

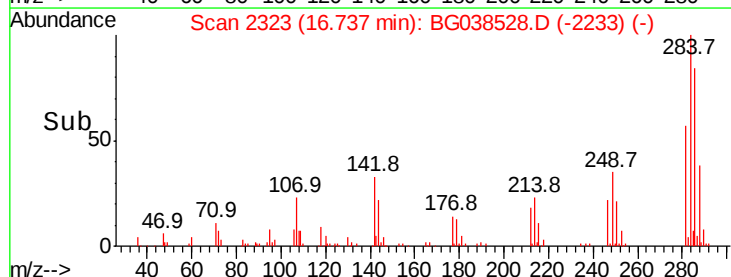
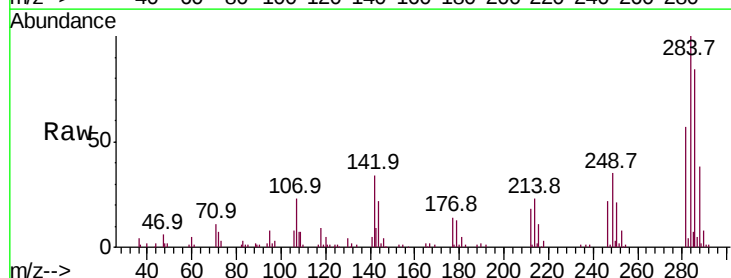
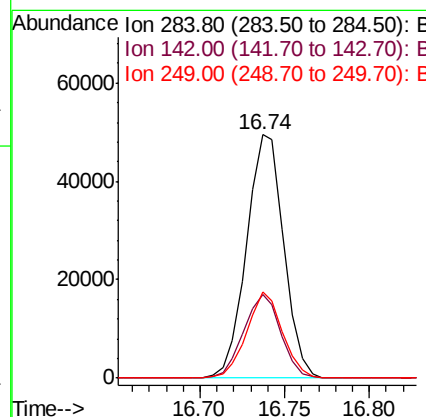
RT: 16.74 min Scan# 2323

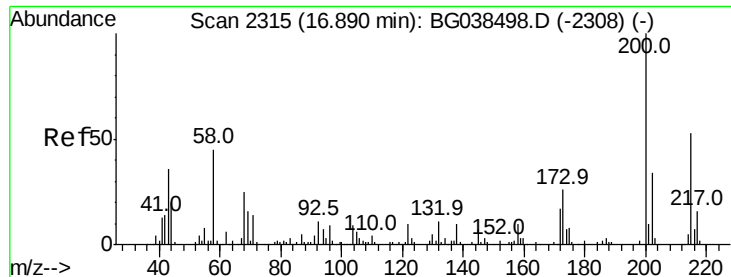
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	284	Resp:	75639
Ion Ratio	Lower	Upper	
284	100		
142	34.3	25.8	38.6
249	37.7	27.0	40.4





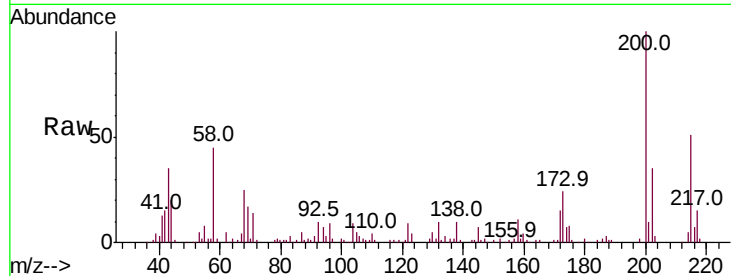
#69
Atrazine
Concen: 45.570 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

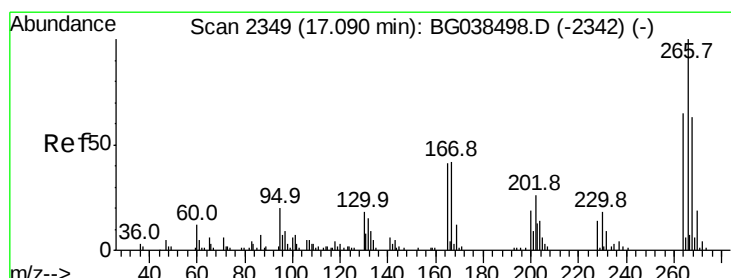
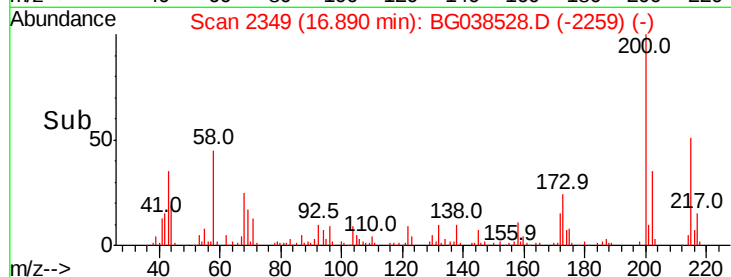
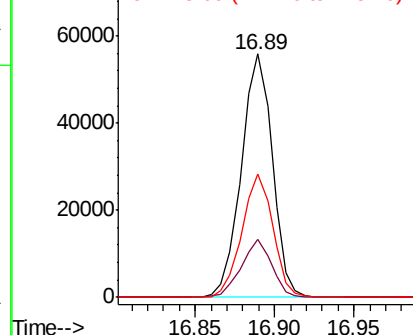
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.9	45.9
215	50.6	33.1	73.1

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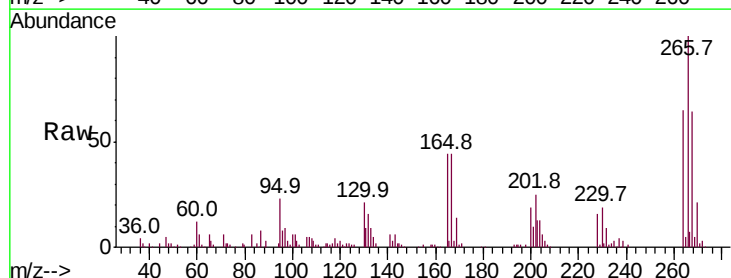


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

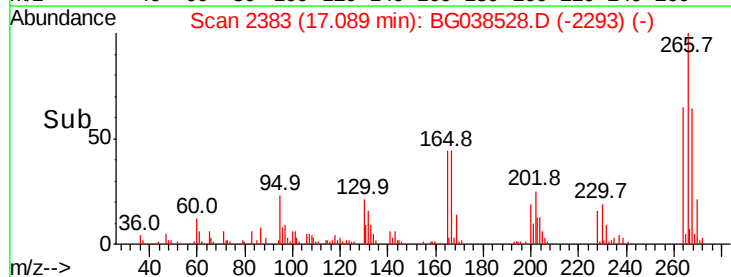
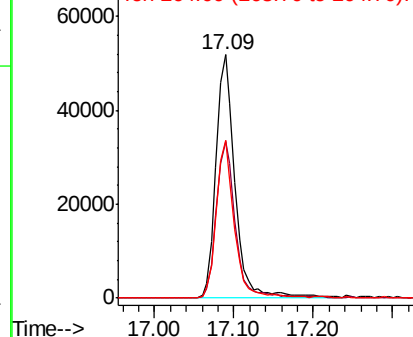


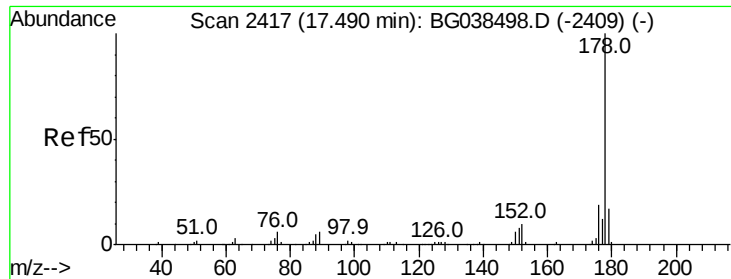
#70
Pentachlorophenol
Concen: 75.759 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.9	55.0	82.6
264	64.7	56.7	85.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





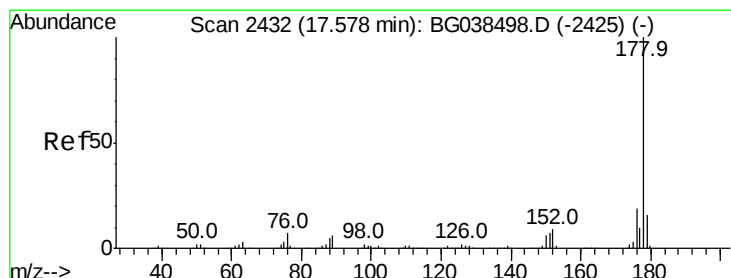
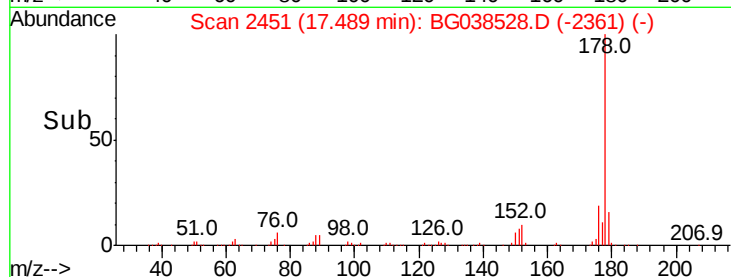
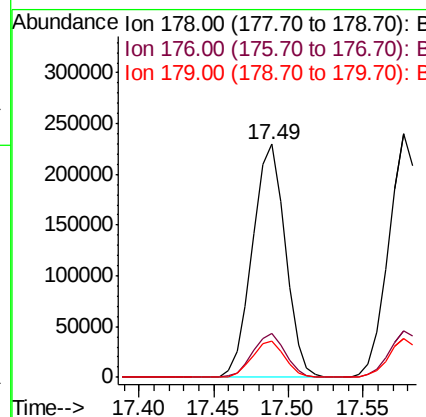
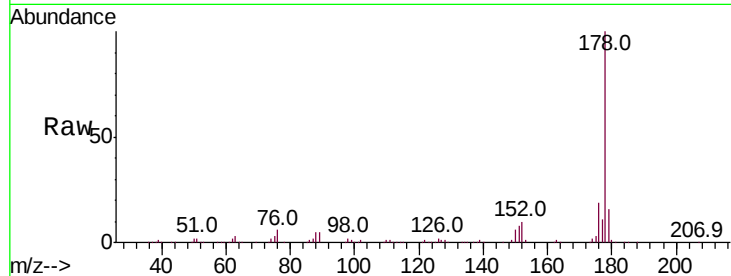
#71
Phenanthrene
Concen: 44.087 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	13.2	19.8

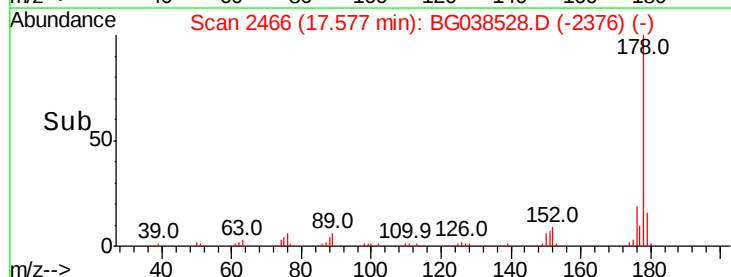
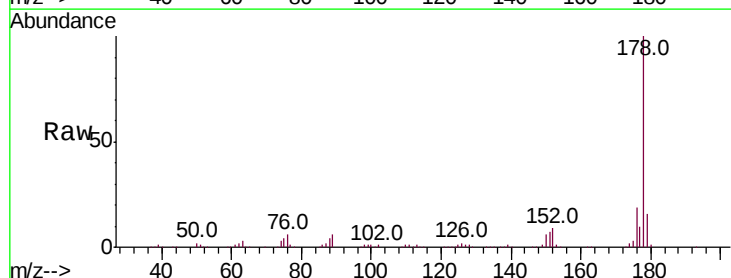
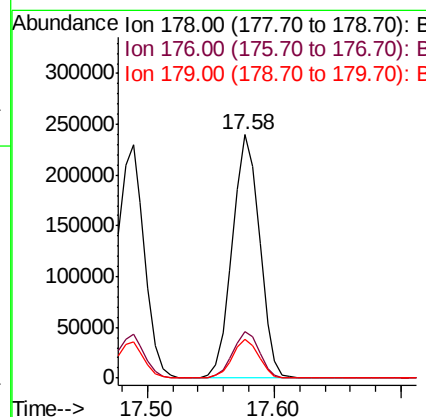
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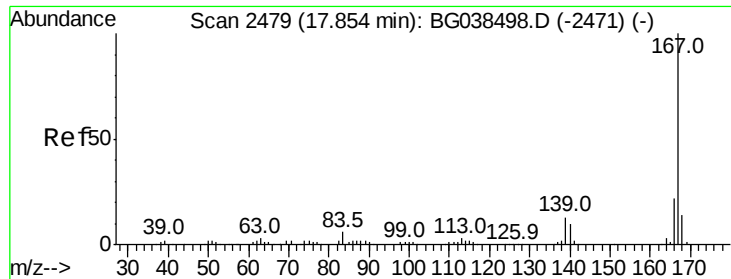
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#72
Anthracene
Concen: 45.661 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.7	12.9	19.3





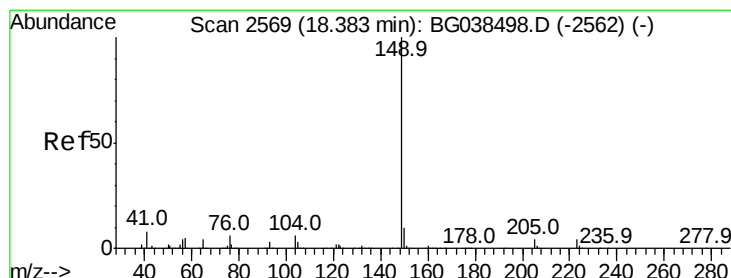
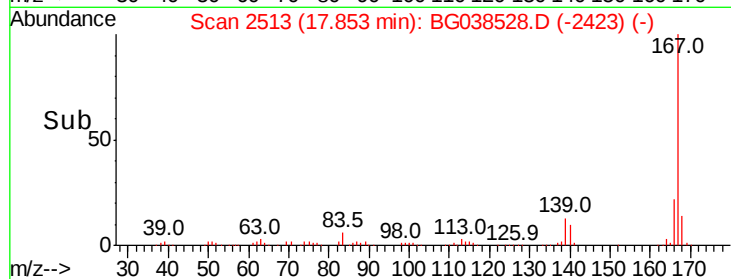
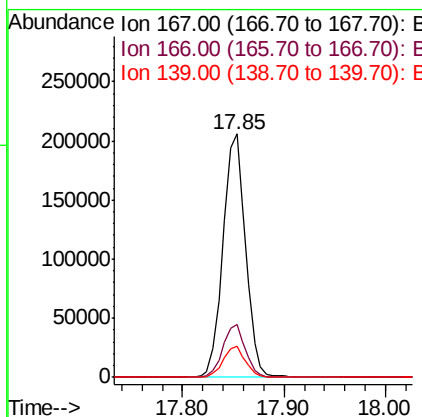
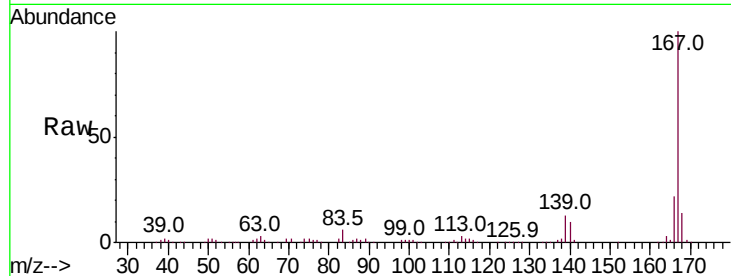
#73
 Carbazole
 Concen: 41.119 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Instrument :
 BNA_G
 ClientSampleId :
 BF-01-120418MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.6	17.9	26.9	
139	12.8	10.2	15.2	

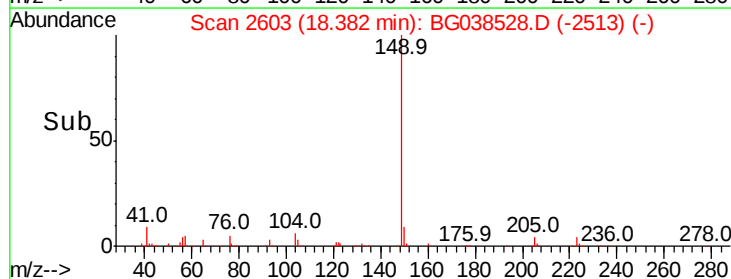
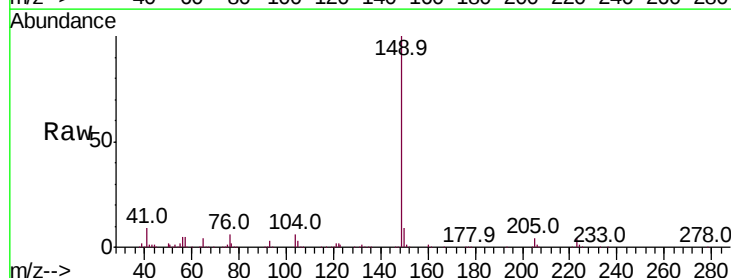
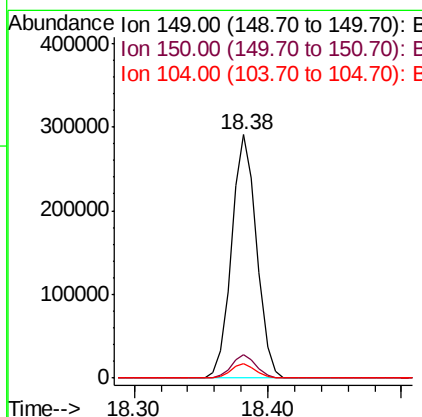
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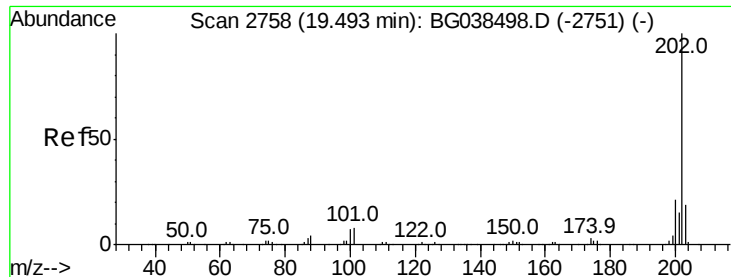
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#74
 Di-n-butylphthalate
 Concen: 42.807 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038528.D
 Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.6	11.4	
104	5.8	5.0	7.4	





#75

Fluoranthene

Concen: 44.171 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

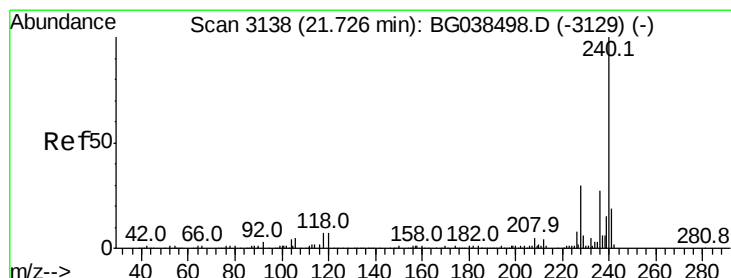
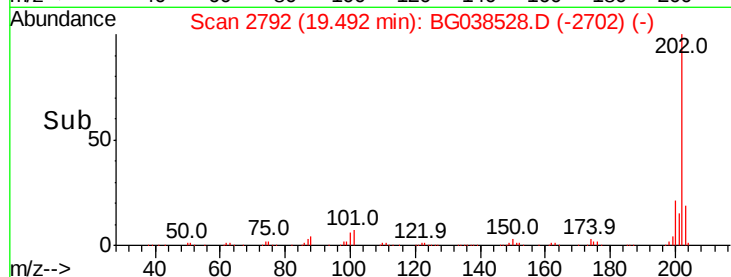
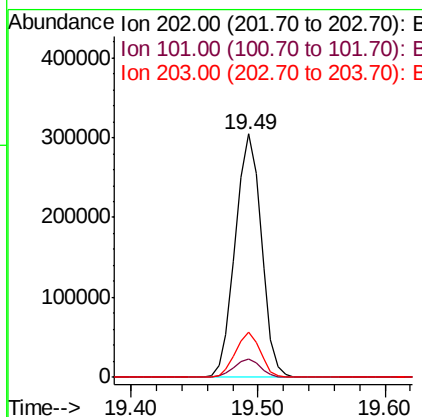
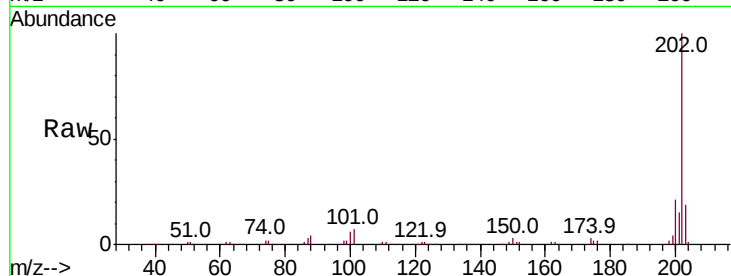
ClientSampleId :

BF-01-120418MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	432997		
101	7.3	0.0	28.1	
203	18.6	0.0	39.0	

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#76

Chrysene-d12

Concen: 20.000 ng

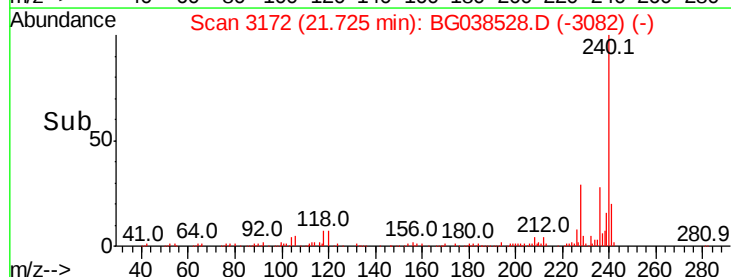
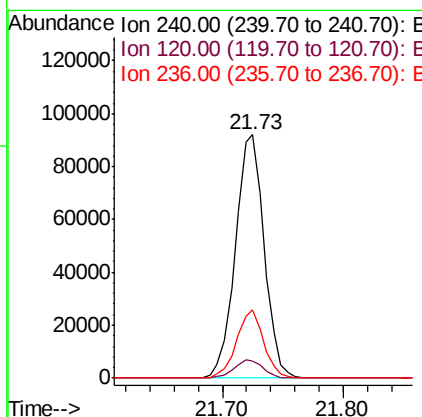
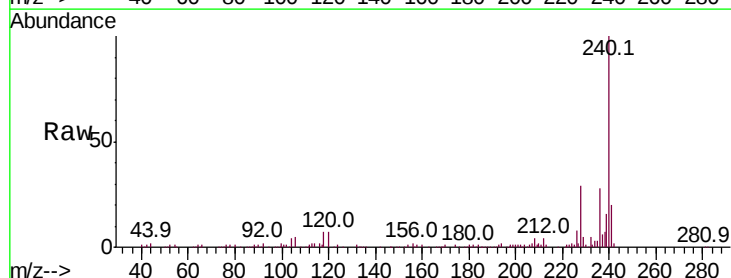
RT: 21.73 min Scan# 3172

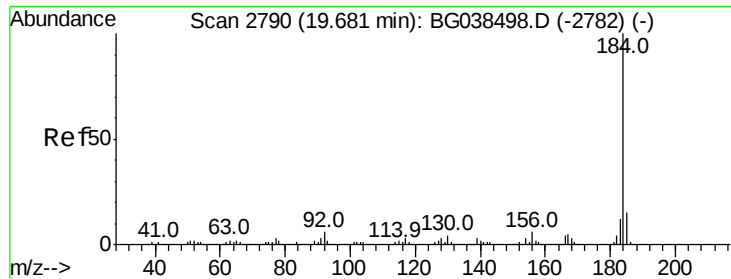
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	152702		
120	6.8	5.3	7.9	
236	27.8	21.4	32.2	





#77

Benzidine

Concen: 29.175 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

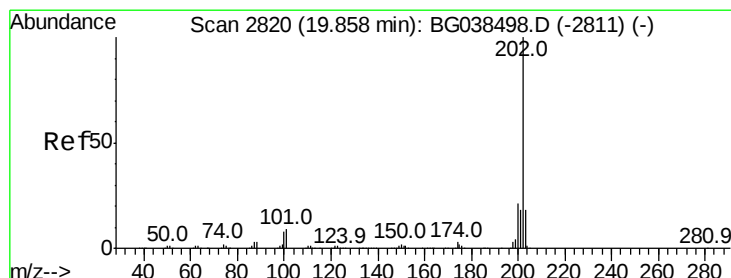
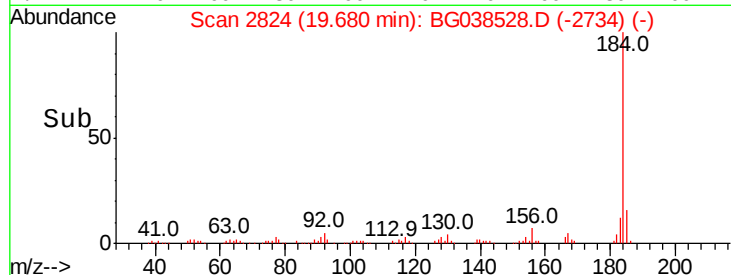
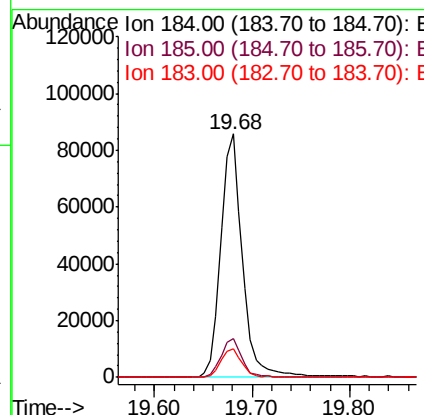
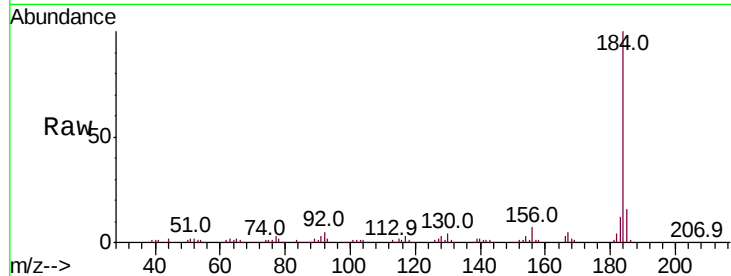
ClientSampleId :

BF-01-120418MS

Tot Ion:	184	Resp:	131757
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.2
183	11.8	9.6	14.4

Manual Integrations
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#78

Pyrene

Concen: 42.889 ng

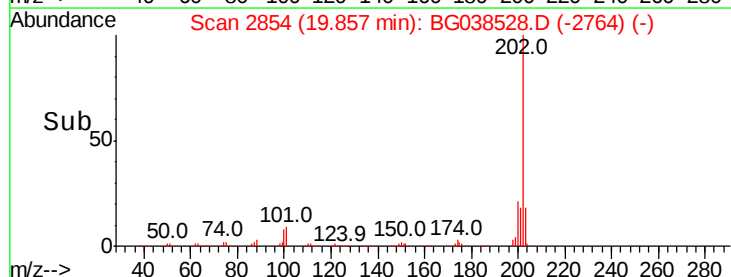
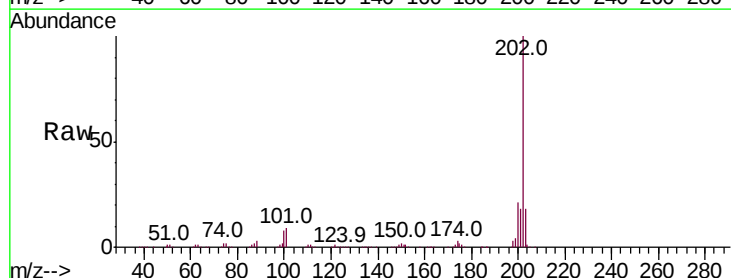
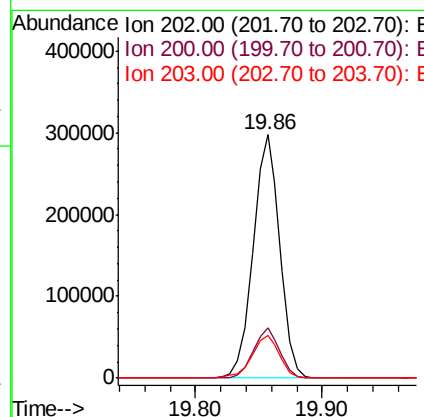
RT: 19.86 min Scan# 2854

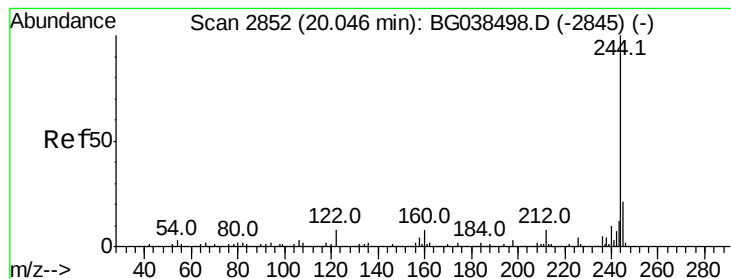
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	202	Resp:	432661
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	17.6	14.6	21.8





#79

Terphenyl-d14

Concen: 90.908 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

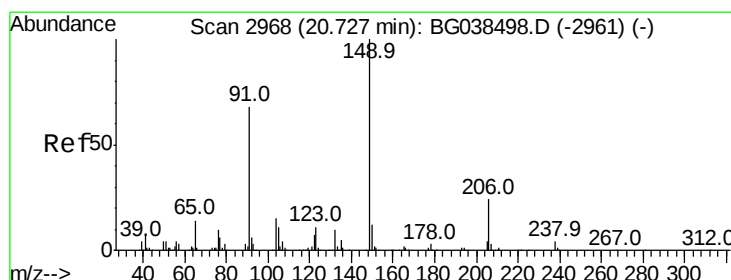
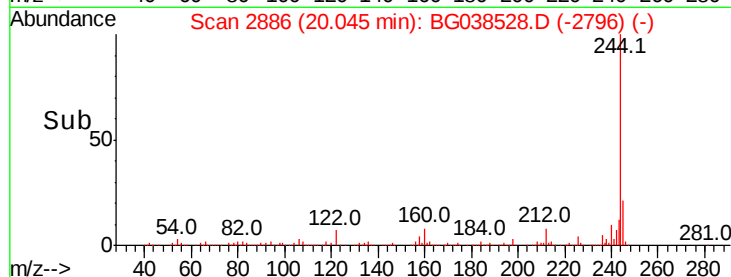
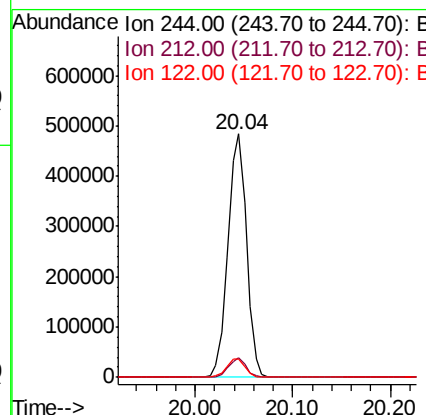
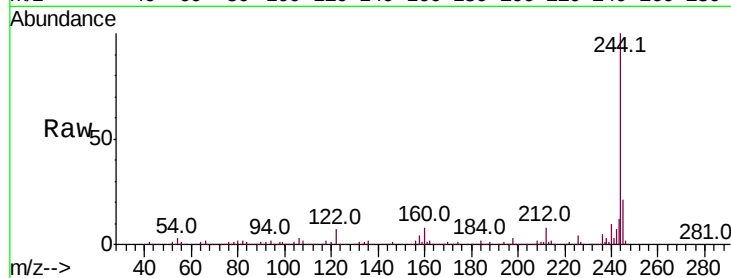
ClientSampleId :

BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	7.4	6.3	9.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.208 ng

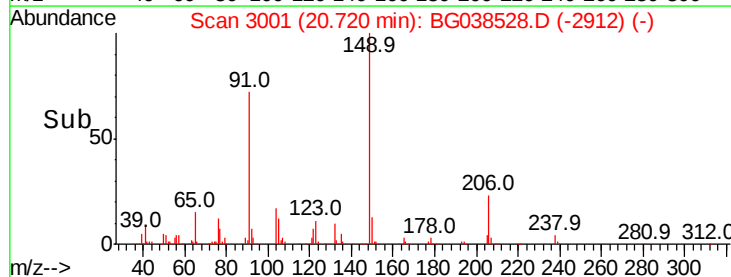
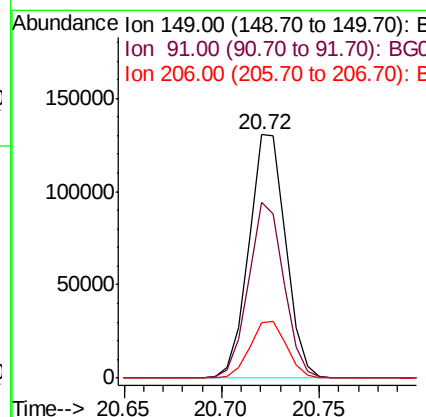
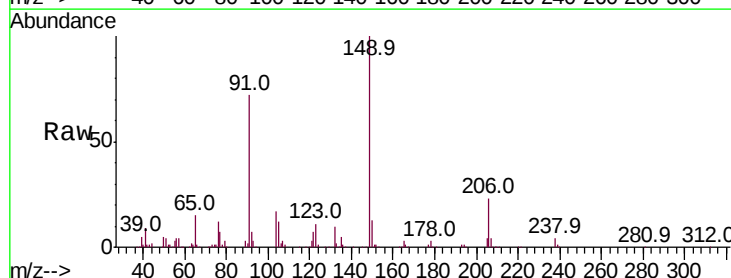
RT: 20.72 min Scan# 3001

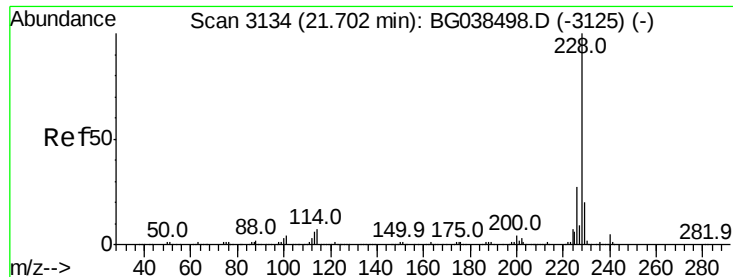
Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.3	54.5	81.7
206	22.9	19.0	28.6





#81

Benzo(a)anthracene

Concen: 45.347 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

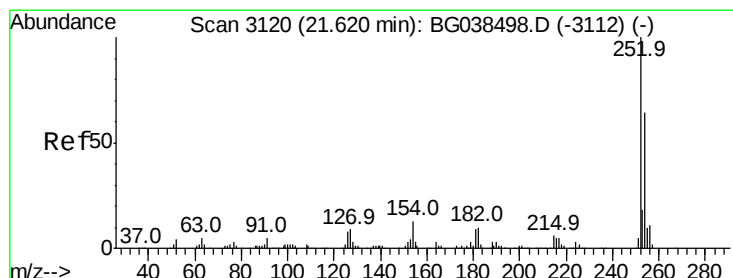
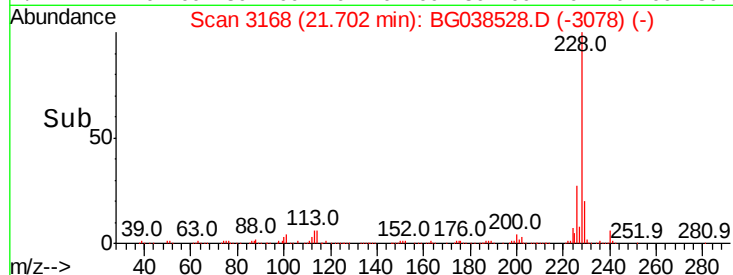
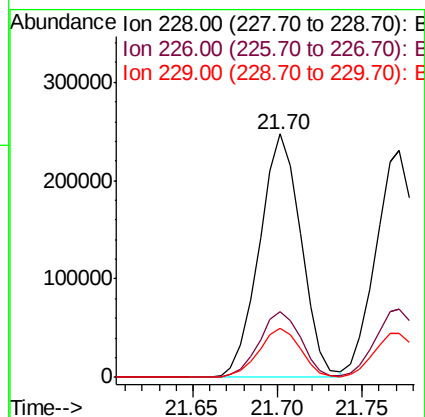
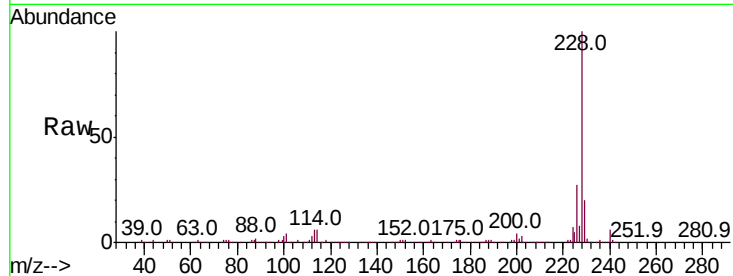
ClientSampleId :

BF-01-120418MS

Tot Ion:	228	Resp:	421947
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.8	32.8
229	20.3	15.8	23.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 19.726 ng

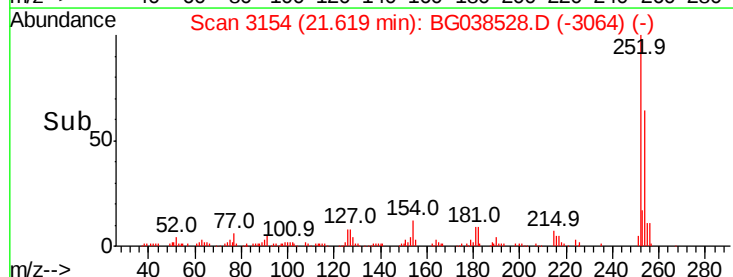
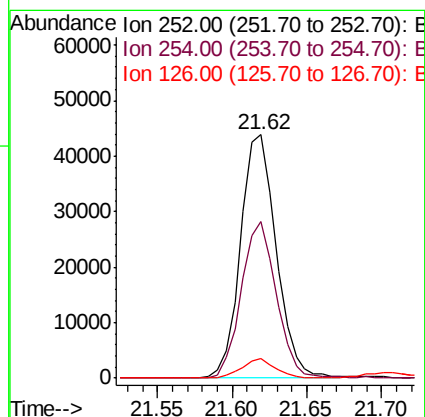
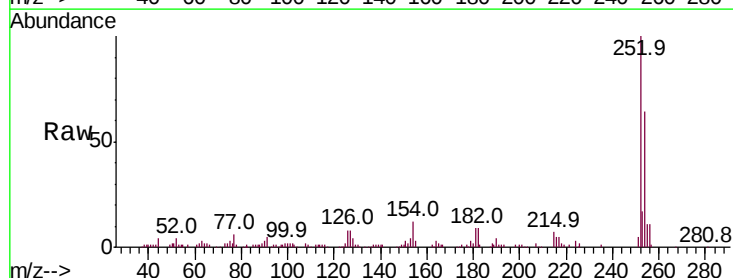
RT: 21.62 min Scan# 3154

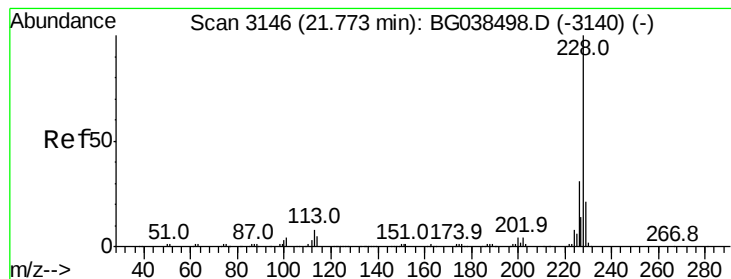
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	252	Resp:	72795
Ion Ratio	Lower	Upper	
252	100		
254	64.2	50.9	76.3
126	7.8	6.3	9.5





#83

Chrysene

Concen: 43.312 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

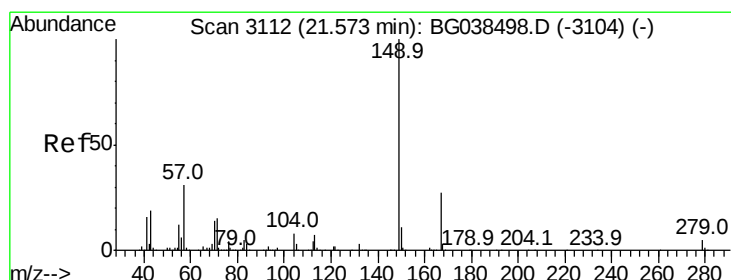
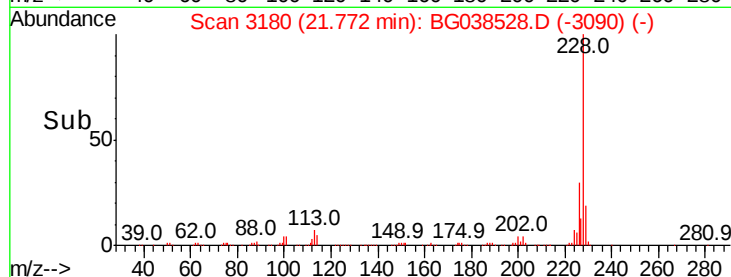
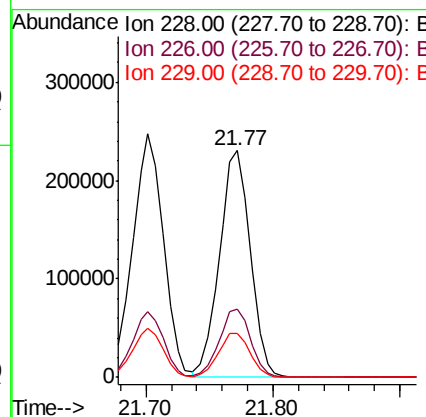
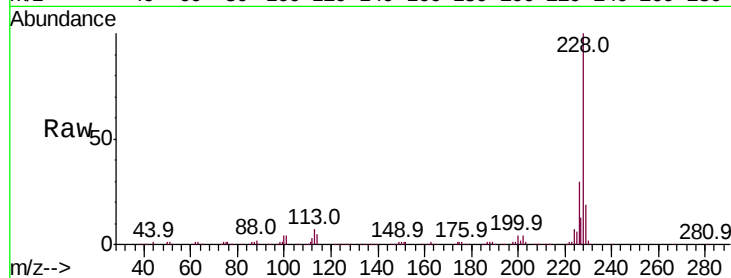
ClientSampleId :

BF-01-120418MS

Tot Ion:	228	Resp:	388181
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.4
229	19.4	16.5	24.7

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.292 ng

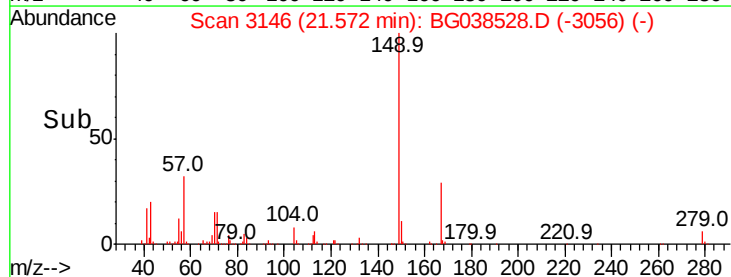
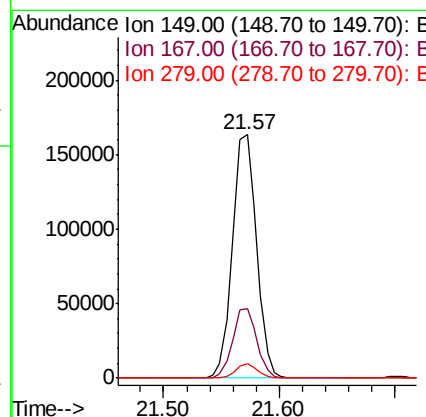
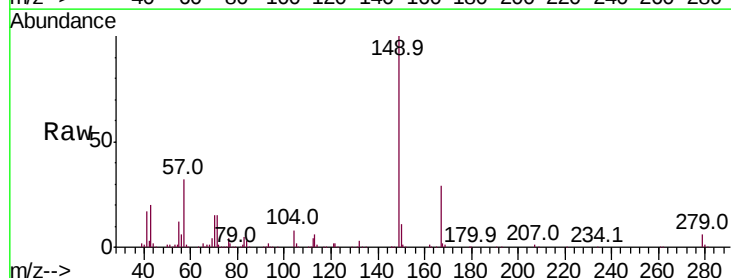
RT: 21.57 min Scan# 3146

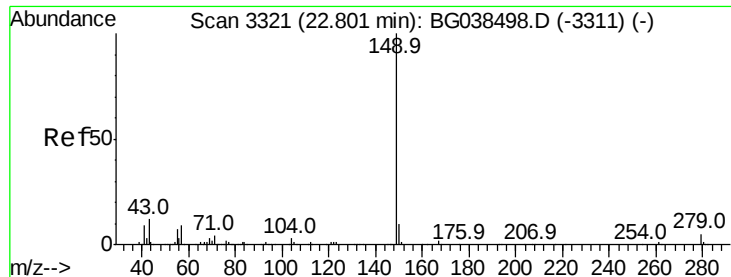
Delta R.T. -0.00 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	149	Resp:	236402
Ion Ratio	Lower	Upper	
149	100		
167	28.8	21.9	32.9
279	6.1	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 43.589 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

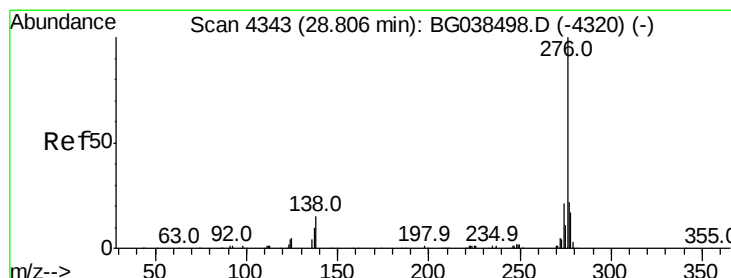
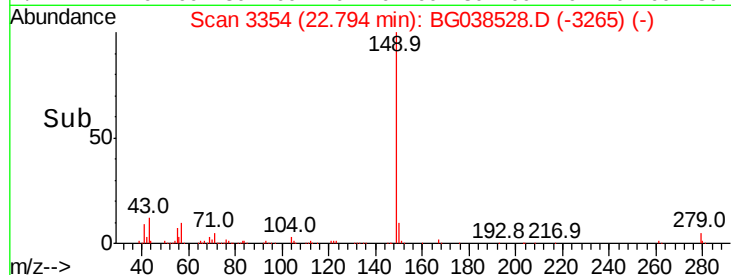
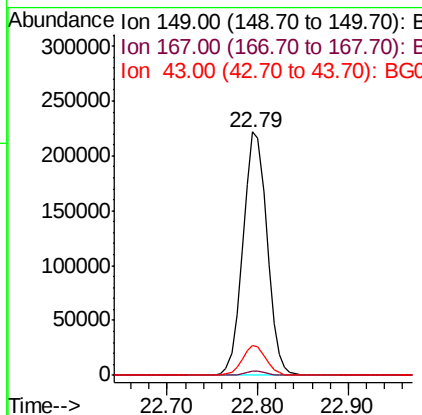
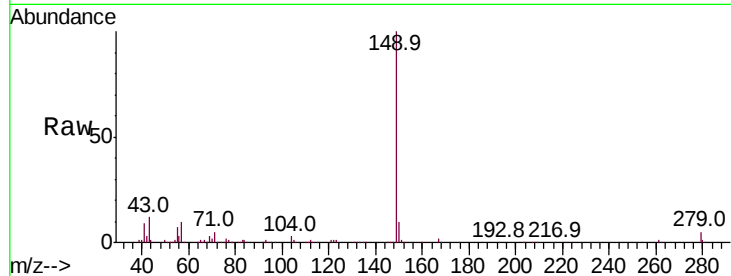
ClientSampleId :

BF-01-120418MS

Tot Ion:	149	Resp:	408053
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.1	9.3	13.9

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.817 ng

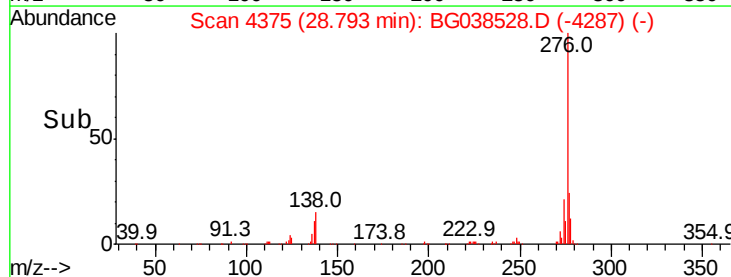
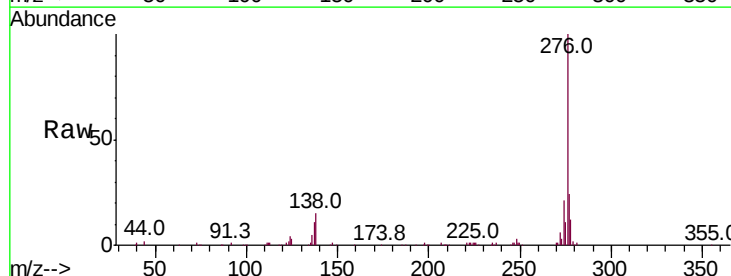
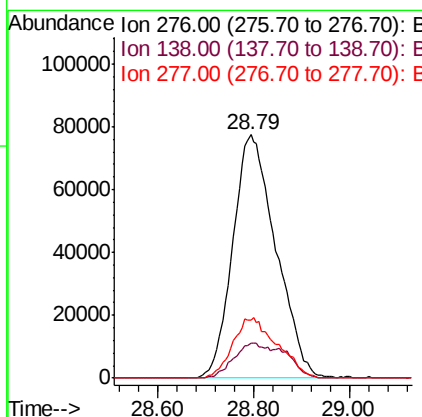
RT: 28.79 min Scan# 4375

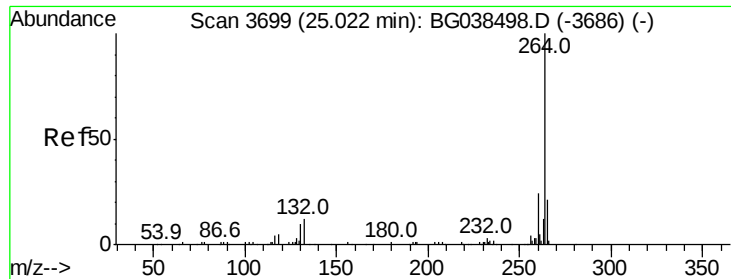
Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Tgt Ion:	276	Resp:	482767
Ion Ratio	Lower	Upper	
276	100		
138	12.0	14.4	21.6#
277	25.4	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038528.D

Acq: 13 Dec 2018 12:09

Instrument :

BNA_G

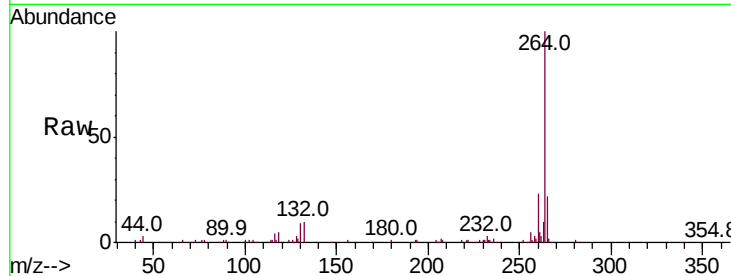
ClientSampleId :

BF-01-120418MS

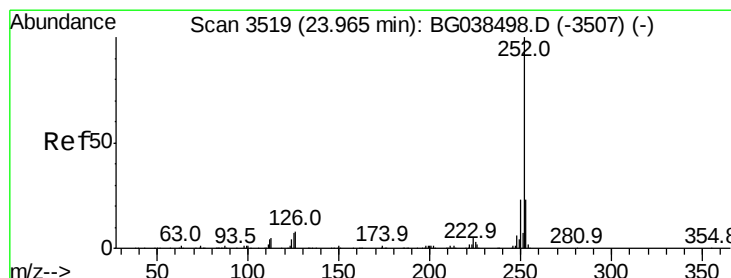
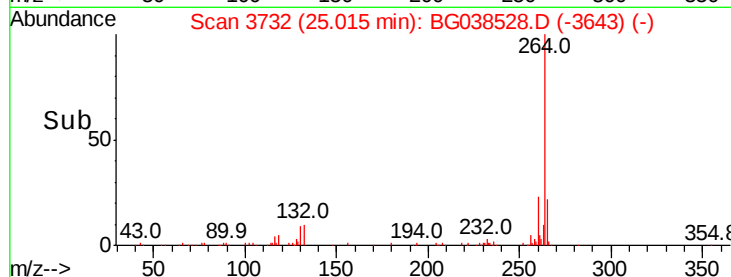
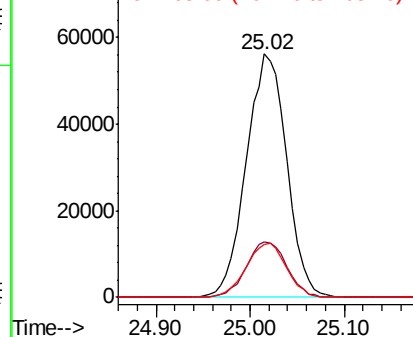
Tot Ion:	264	Resp:	166720
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.9	28.3
265	21.8	17.0	25.4

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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: 46.100 ng

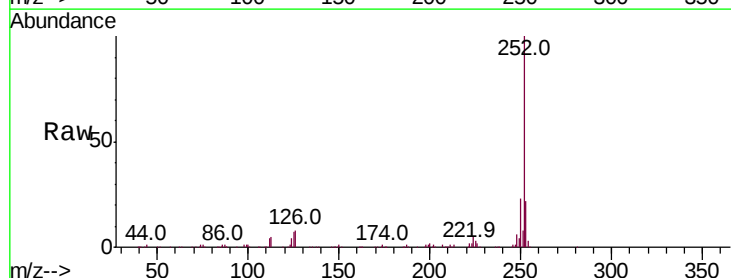
RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

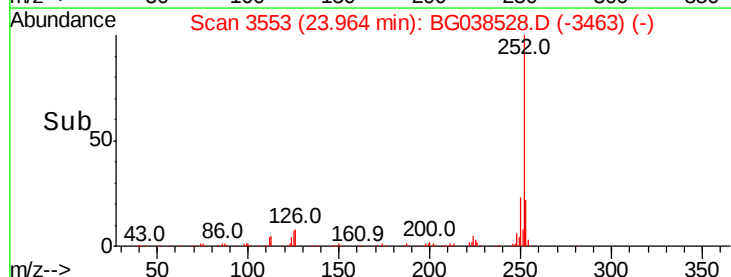
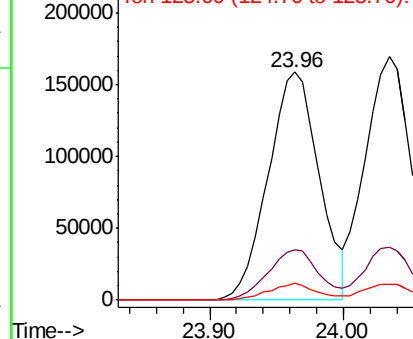
Lab File: BG038528.D

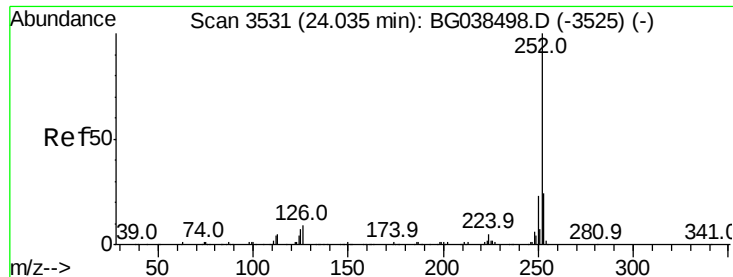
Acq: 13 Dec 2018 12:09

Tgt Ion:	252	Resp:	421985
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	7.4	5.5	8.3



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





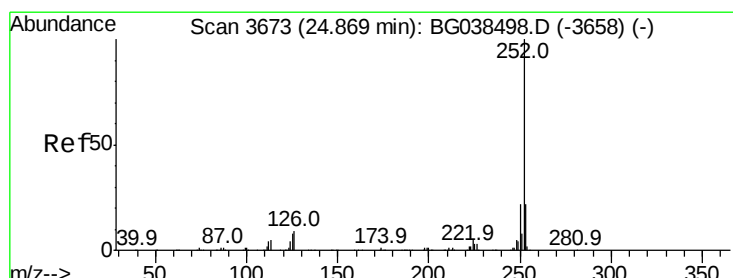
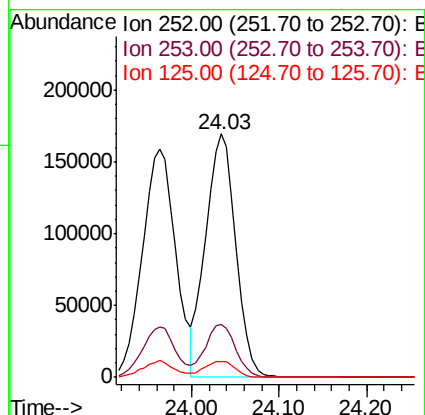
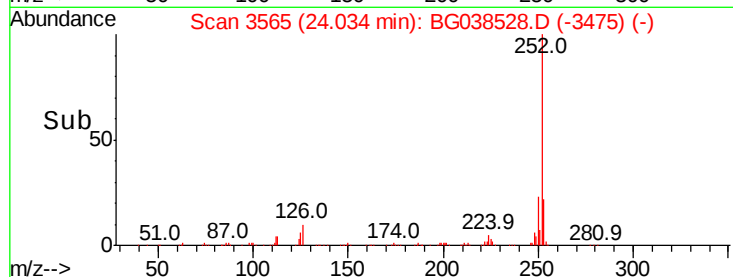
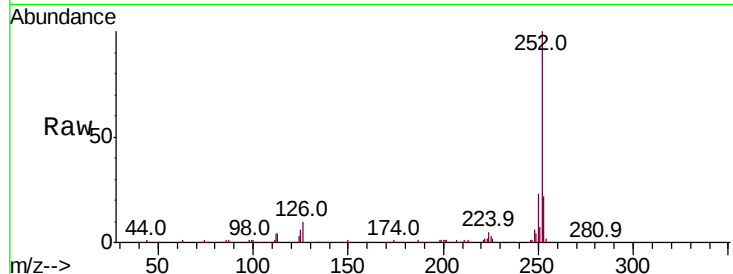
#89
Benzo(k)fluoranthene
Concen: 44.678 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	6.5	5.4	8.2

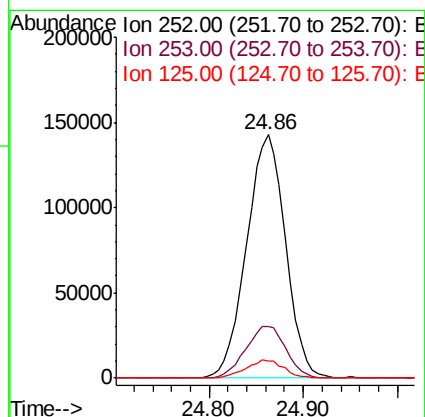
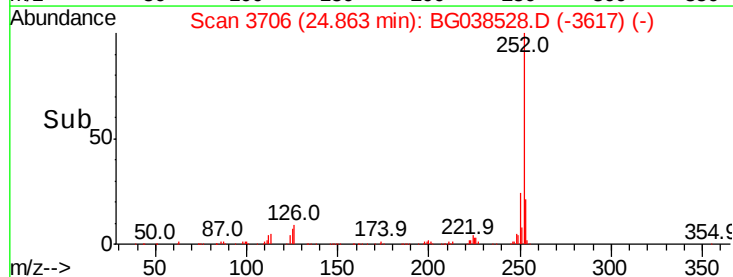
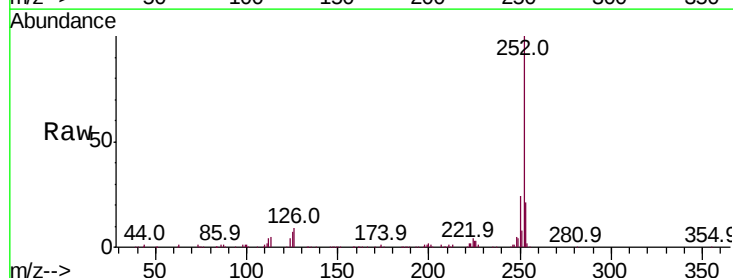
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#90
Benzo(a)pyrene
Concen: 46.360 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	6.9	6.4	9.6





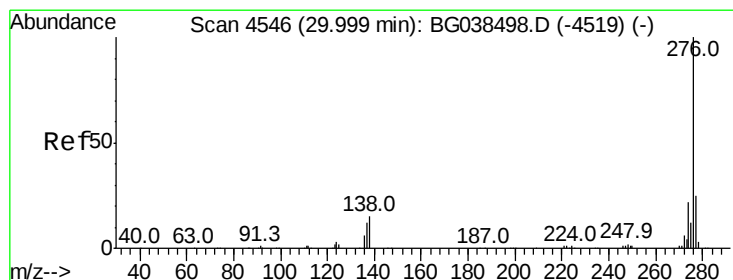
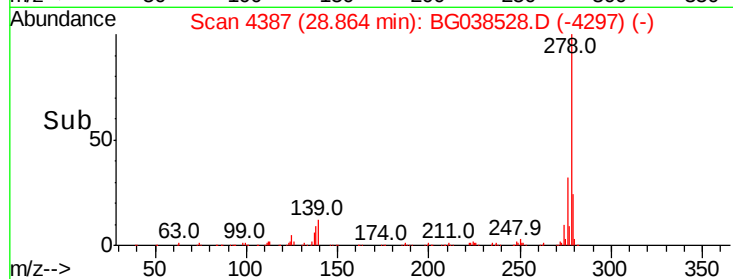
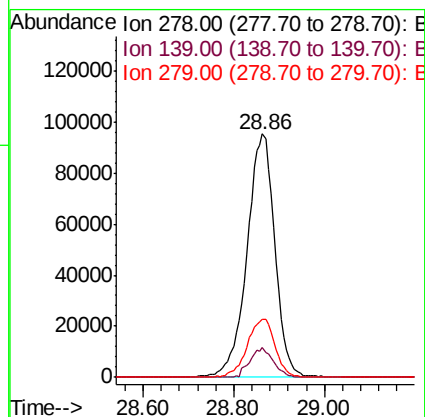
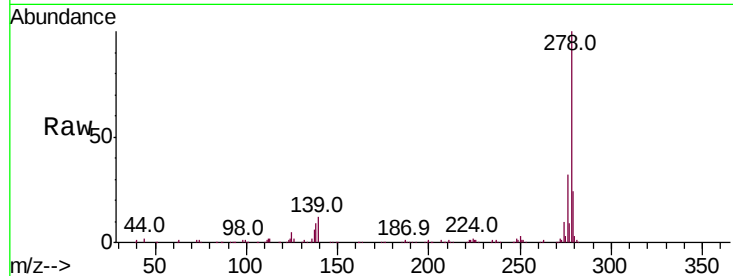
#91
Dibenzo(a,h)anthracene
Concen: 45.983 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.00 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Instrument :
BNA_G
ClientSampleId :
BF-01-120418MS

Tot Ion:	278	Resp:	404309
Ion	Ratio	Lower	Upper
278	100		
139	12.1	8.6	12.8
279	23.7	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.594 ng
RT: 29.99 min Scan# 4579
Delta R.T. -0.01 min
Lab File: BG038528.D
Acq: 13 Dec 2018 12:09

Tgt Ion:	276	Resp:	403741
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	14.2	11.8	17.6

