

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038681.D
 Acq On : 18 Dec 2018 3:36
 Operator : JU/SJ
 Sample : J6403-08MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Manual Integrations
 APPROVED

Sohil
 12/18/2018 5:37:14 PM

Quant Time: Dec 18 05:08:51 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	20674	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	83619	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	53821	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	137905	20.00	ng	0.00
76) Chrysene-d12	21.73	240	137726	20.00	ng	0.00
87) Perylene-d12	25.03	264	150488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	170158	145.98	ng	0.01
7) Phenol-d6	7.22	99	203178	126.97	ng	0.01
23) Nitrobenzene-d5	9.24	82	166056	101.45	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	121019	163.15	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	383728	97.81	ng	0.00
79) Terphenyl-d14	20.04	244	718989	113.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	21069	38.838	ng	# 1
3) Pyridine	3.92	79	52428	35.102	ng	88
4) n-Nitrosodimethylamine	3.83	42	39007	53.300	ng	# 84
6) Aniline	7.39	93	28555	13.979	ng	99
8) 2-Chlorophenol	7.62	128	66488	49.291	ng	98
9) Benzaldehyde	7.20	77	19015	18.318	ng	93
10) Phenol	7.24	94	70008	41.181	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	60937	45.022	ng	95
12) 1,3-Dichlorobenzene	7.95	146	68580	43.000	ng	98
13) 1,4-Dichlorobenzene	8.09	146	69481	42.537	ng	97
14) 1,2-Dichlorobenzene	8.42	146	66633	43.270	ng	96
15) Benzyl Alcohol	8.30	79	62701	50.201	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	138900	44.799	ng	99
17) 2-Methylphenol	8.50	107	57748	50.701	ng	98
18) Hexachloroethane	9.14	117	25095	42.044	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	50255	44.716	ng	94
20) 3+4-Methylphenols	8.83	107	77023	48.966	ng	99
22) Acetophenone	8.89	105	101465	48.580	ng	# 99
24) Nitrobenzene	9.28	77	81115	48.988	ng	97
25) Isophorone	9.79	82	145801	49.578	ng	99
26) 2-Nitrophenol	9.99	139	38743	45.715	ng	99
27) 2,4-Dimethylphenol	10.04	122	66765	54.969	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	80491	48.500	ng	97
29) 2,4-Dichlorophenol	10.52	162	73270	54.226	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	74189	45.455	ng	97
31) Naphthalene	10.93	128	204262	49.578	ng	98
32) Benzoic acid	10.19	122	26015m	36.745	ng	
33) 4-Chloroaniline	11.06	127	4897	2.738	ng	# 86
34) Hexachlorobutadiene	11.19	225	47656	43.152	ng	94
35) Caprolactam	11.83	113	17354m	31.034	ng	
36) 4-Chloro-3-methylphenol	12.15	107	75689	49.086	ng	95
37) 2-Methylnaphthalene	12.53	142	154075	52.420	ng	97
38) 1-Methylnaphthalene	12.75	142	147261	51.631	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	92684	46.070	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	93867	84.926	ng	97
43) 2,4,6-Trichlorophenol	13.13	196	65381	52.855	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	69415	53.001	ng	99
46) 1,1'-Biphenyl	13.53	154	203775	45.164	ng	99
47) 2-Chloronaphthalene	13.58	162	164546	47.212	ng	96
48) 2-Nitroaniline	13.79	65	56844	51.205	ng	95
49) Acenaphthylene	14.42	152	271616	52.131	ng	100
50) Dimethylphthalate	14.15	163	225019	51.196	ng	99
51) 2,6-Dinitrotoluene	14.28	165	50290	50.491	ng	96
52) Acenaphthene	14.76	154	154181	49.487	ng	94
53) 3-Nitroaniline	14.62	138	13109	12.911	ng	# 90
54) 2,4-Dinitrophenol	14.82	184	34958	60.348	ng	89
55) Dibenzofuran	15.10	168	261923	49.044	ng	99
56) 4-Nitrophenol	14.91	139	63112	81.936	ng	93
57) 2,4-Dinitrotoluene	15.07	165	72440	51.637	ng	94
58) Fluorene	15.74	166	212666	53.748	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	64682	54.894	ng	99
60) Diethylphthalate	15.50	149	230607	47.794	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	118010	47.802	ng	97
62) 4-Nitroaniline	15.78	138	49815	47.656	ng	97
63) Azobenzene	16.03	77	200131	49.651	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	34064	34.627	ng	95
66) n-Nitrosodiphenylamine	15.95	169	197233	48.676	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	78872	46.830	ng	94
68) Hexachlorobenzene	16.74	284	81648	46.766	ng	98
69) Atrazine	16.89	200	81588	54.257	ng	96
70) Pentachlorophenol	17.09	266	74086	71.743	ng	93
71) Phenanthrene	17.49	178	371290	51.919	ng	99
72) Anthracene	17.58	178	377431	53.462	ng	99
73) Carbazole	17.85	167	340274	48.736	ng	99
74) Di-n-butylphthalate	18.38	149	403541	50.370	ng	100
75) Fluoranthene	19.50	202	466714	52.747	ng	97
77) Benzidine	19.68	184	75379	18.506	ng	96
78) Pyrene	19.86	202	466608	51.284	ng	99
80) Butylbenzylphthalate	20.73	149	180616	50.810	ng	99
81) Benzo(a)anthracene	21.71	228	447084	53.273	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	61418	18.453	ng	98
83) Chrysene	21.77	228	414686	51.301	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	250611	49.709	ng	99
85) Di-n-octyl phthalate	22.80	149	426788	50.547	ng	98
86) Indeno(1,2,3-cd)pyrene	28.81	276	514308	54.118	ng	# 71
88) Benzo(b)fluoranthene	23.97	252	442631	53.572	ng	99
89) Benzo(k)fluoranthene	24.04	252	434777	52.844	ng	96
90) Benzo(a)pyrene	24.87	252	429180	53.842	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	427327	53.843	ng	99
92) Benzo(g,h,i)perylene	30.00	276	422249	53.986	ng	97

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



#1

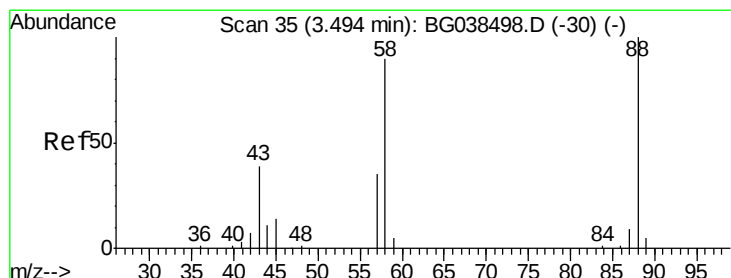
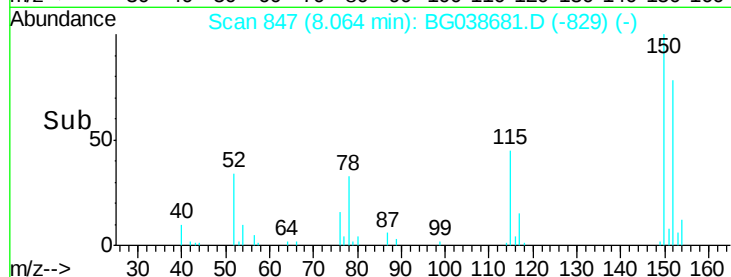
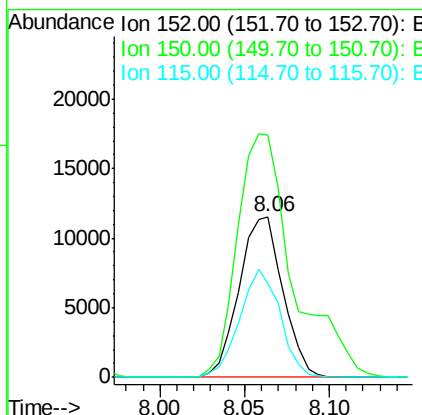
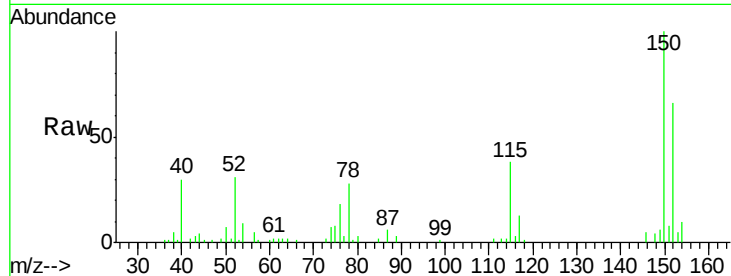
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.5	179.3
115	58.0	49.6	74.4

Manual Integrations
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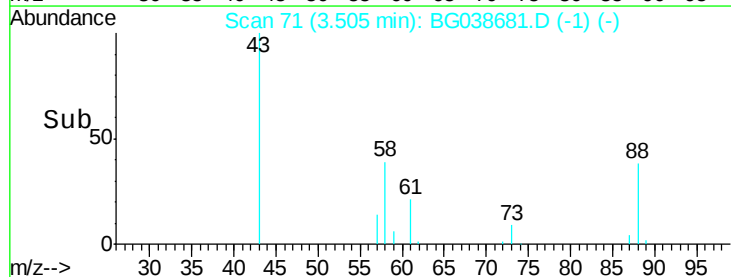
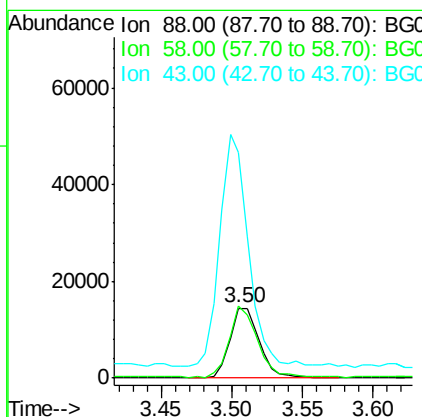
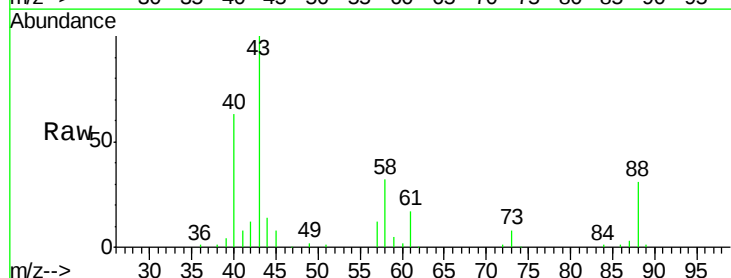
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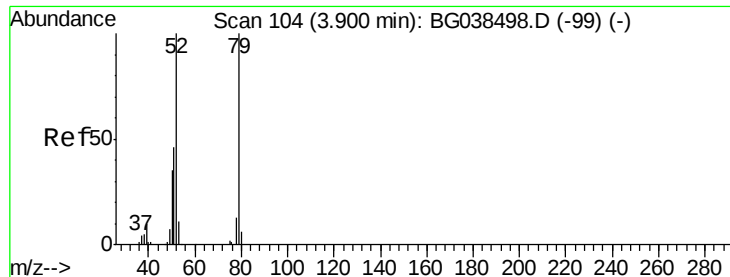


#2

1,4-Dioxane
Concen: 38.838 ng
RT: 3.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.5	75.7	113.5
43	317.7	31.6	47.4





#3

Pyridine

Concen: 35.102 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.02 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

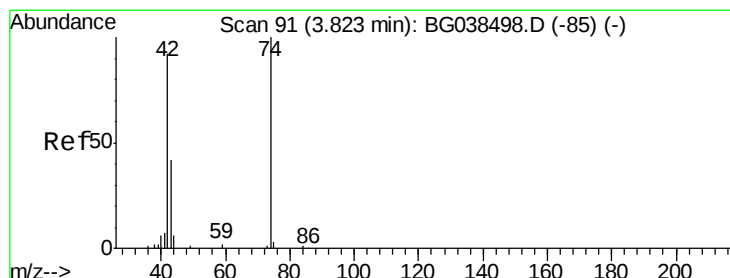
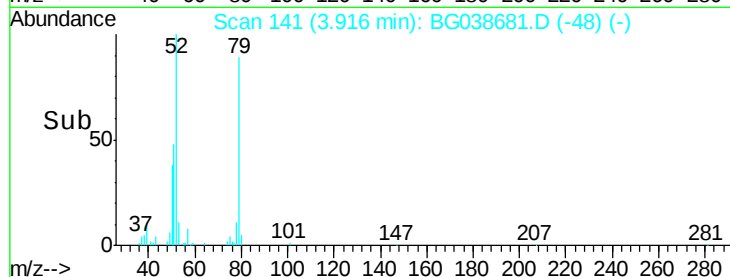
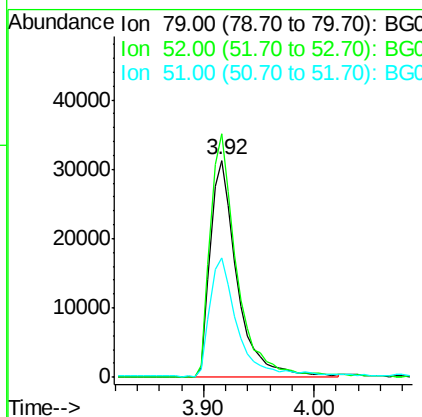
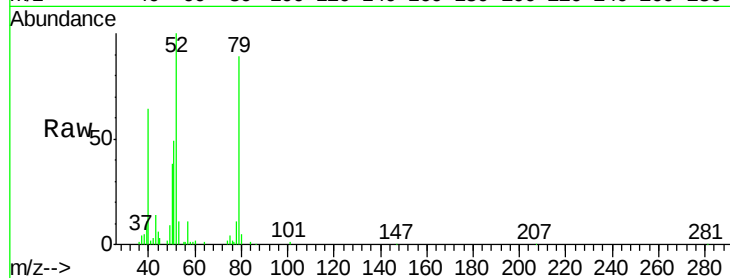
ClientSampleId :

TP-1-BMSD

Tgt Ion:	79	Resp:	52428
Ion	Ratio	Lower	Upper
79	100		
52	112.0	80.2	120.2
51	55.2	38.0	57.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.300 ng

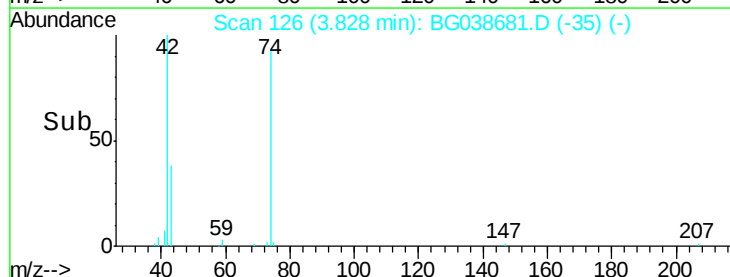
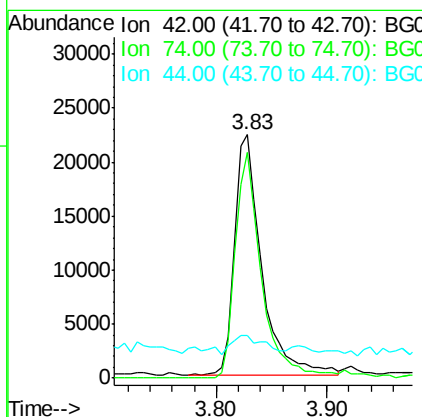
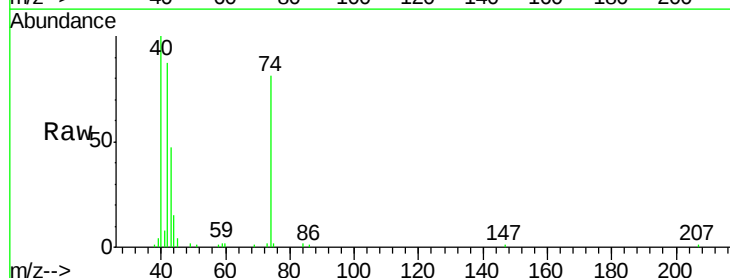
RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	42	Resp:	39007
Ion	Ratio	Lower	Upper
42	100		
74	92.4	86.7	130.1
44	17.6	7.8	11.8#





#5

2-Fluorophenol

Concen: 145.981 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

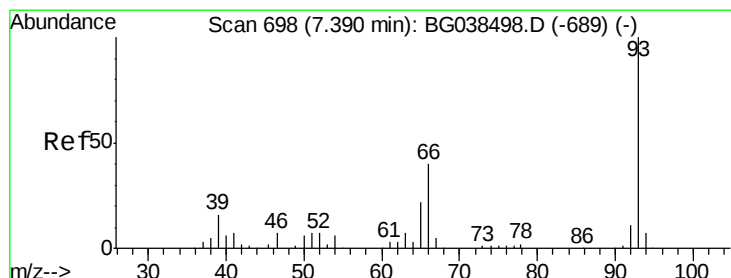
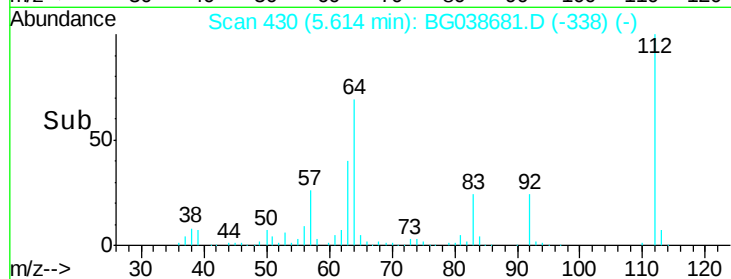
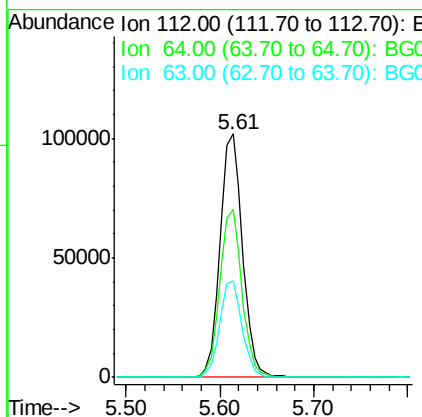
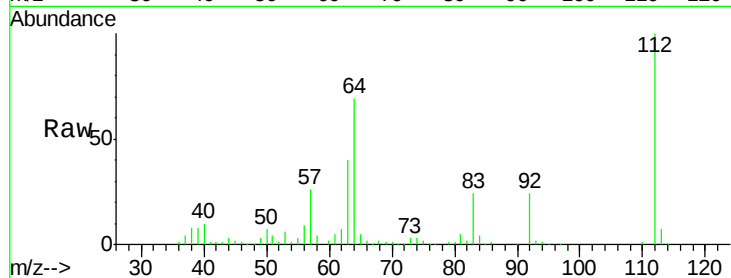
ClientSampleId :

TP-1-BMSD

Tgt Ion:	112	Resp:	170158
Ion Ratio	Lower	Upper	
112	100		
64	69.2	53.4	80.2
63	39.6	29.3	43.9

Manual Integrations
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#6

Aniline

Concen: 13.979 ng

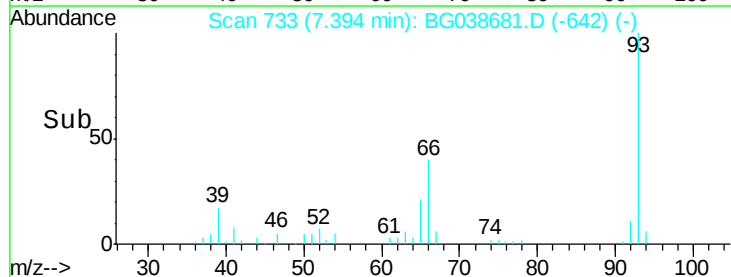
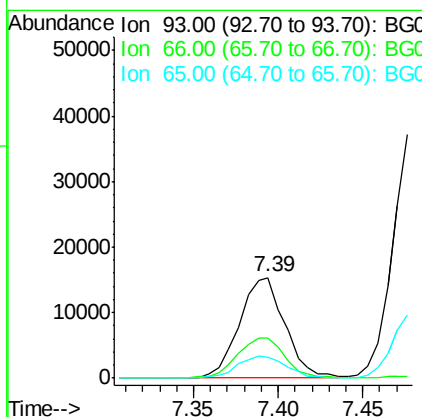
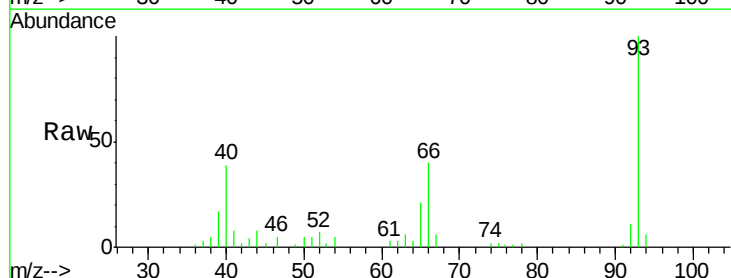
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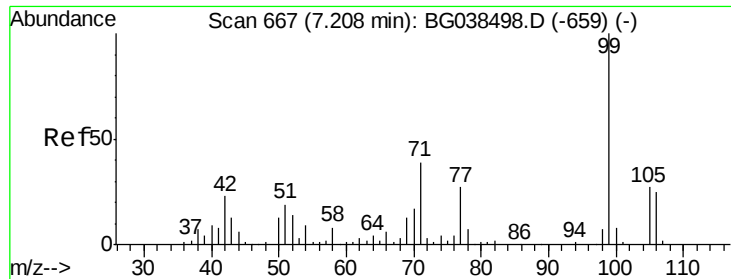
Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	93	Resp:	28555
Ion Ratio	Lower	Upper	
93	100		
66	39.7	31.7	47.5
65	21.1	17.8	26.6





#7

Phenol-d6

Concen: 126.973 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

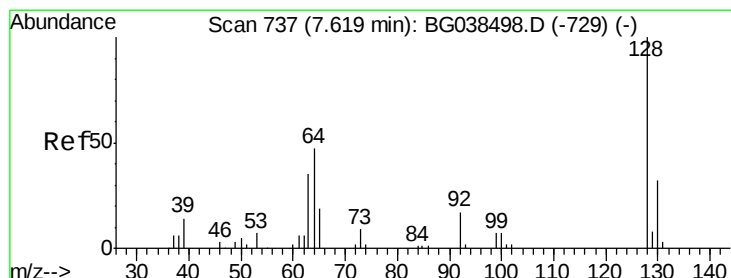
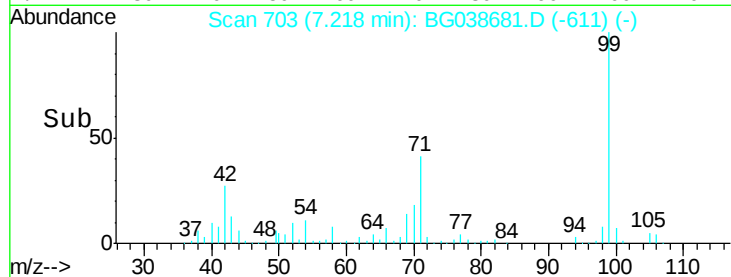
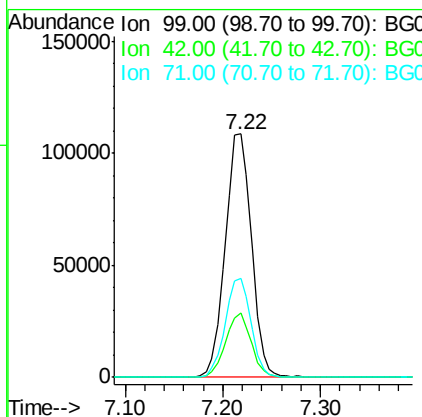
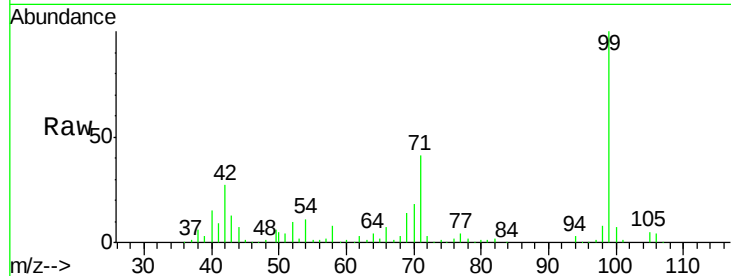
ClientSampleId :

TP-1-BMSD

Tgt Ion:	99	Resp:	203178
Ion Ratio		Lower	Upper
99	100		
42	26.5	18.5	27.7
71	40.9	31.1	46.7

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#8

2-Chlorophenol

Concen: 49.291 ng

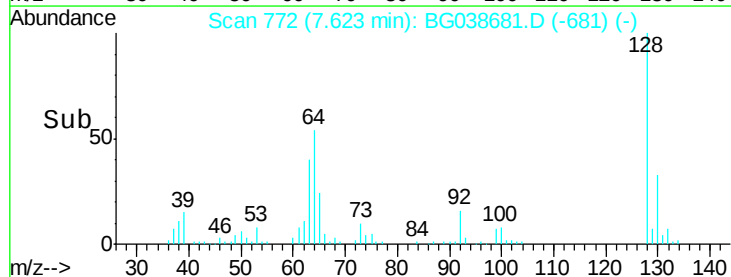
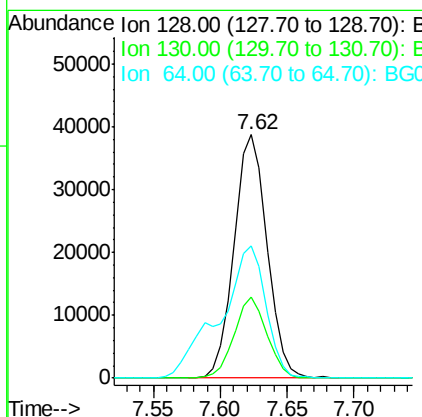
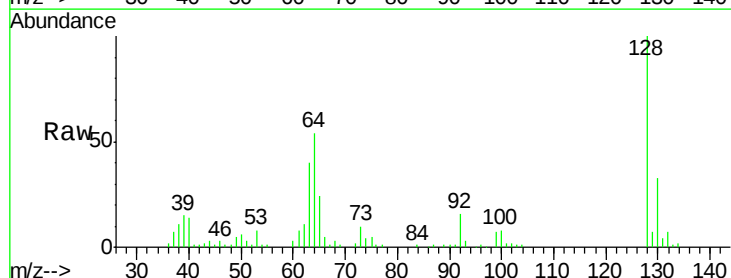
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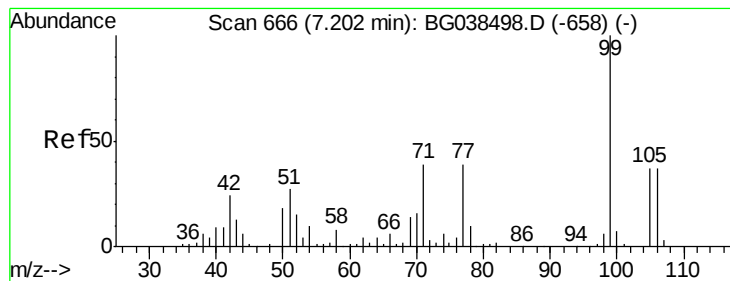
Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	128	Resp:	66488
Ion Ratio		Lower	Upper
128	100		
130	33.1	11.8	51.8
64	54.2	33.2	73.2





#9

Benzaldehyde

Concen: 18.318 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

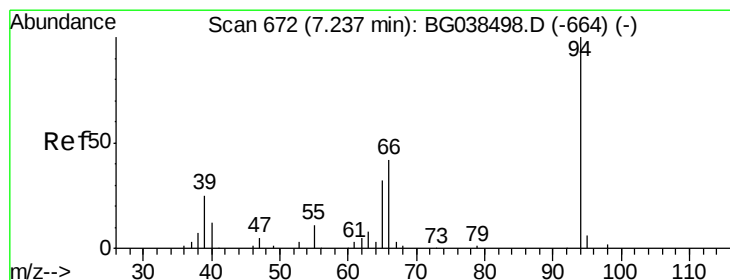
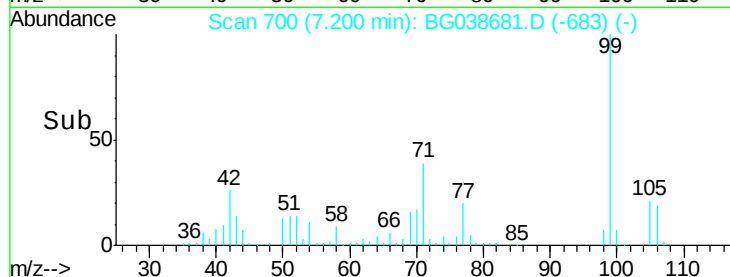
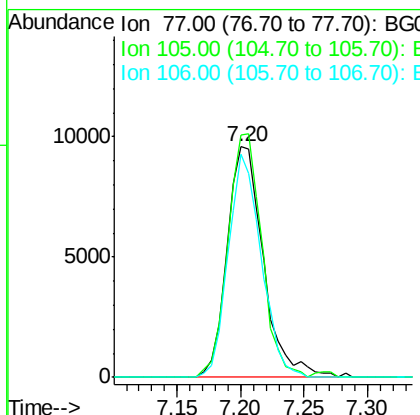
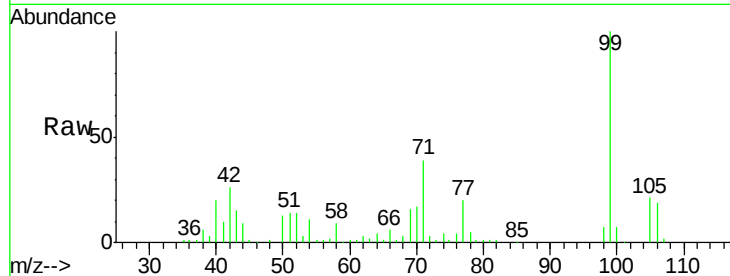
ClientSampleId :

TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.9	74.0	114.0
106	96.6	73.9	113.9

Manual Integrations
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#10

Phenol

Concen: 41.181 ng

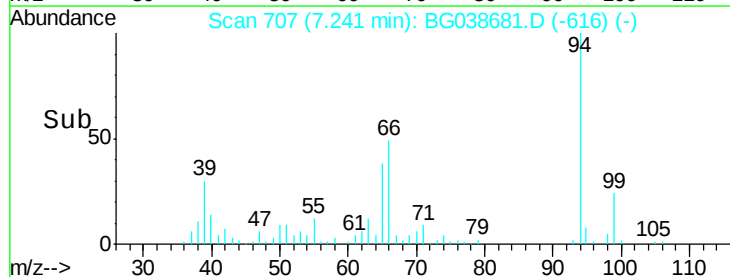
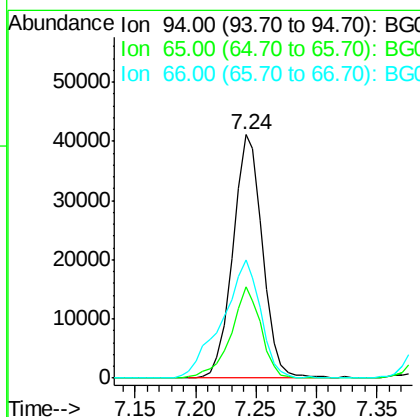
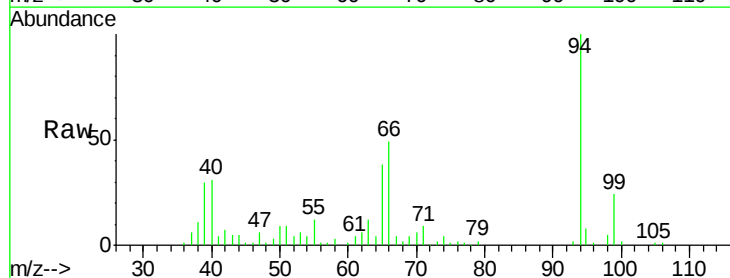
RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.6	12.6	52.6
66	48.7	24.1	64.1





#11

bis(2-Chloroethyl)ether

Concen: 45.022 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

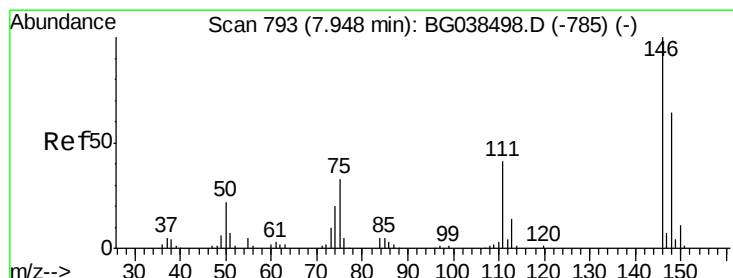
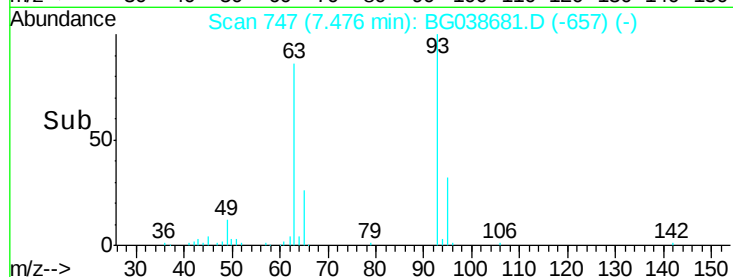
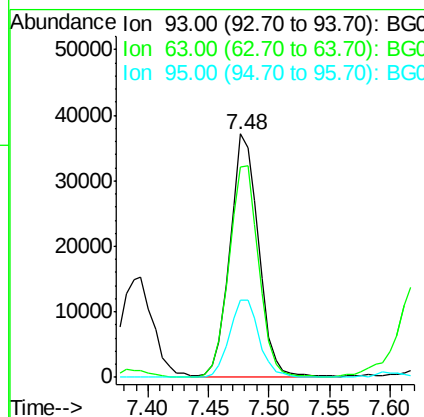
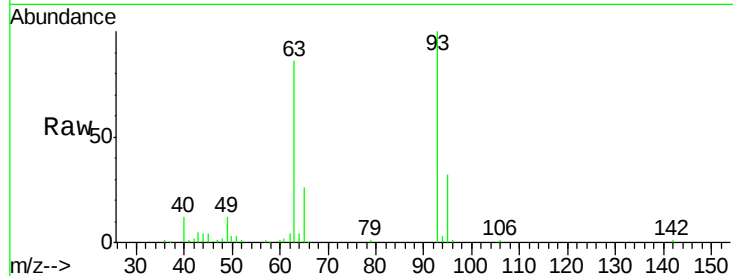
ClientSampleId :

TP-1-BMSD

Tgt Ion:	93	Resp:	60937
Ion	Ratio	Lower	Upper
93	100		
63	86.4	72.2	112.2
95	31.8	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 43.000 ng

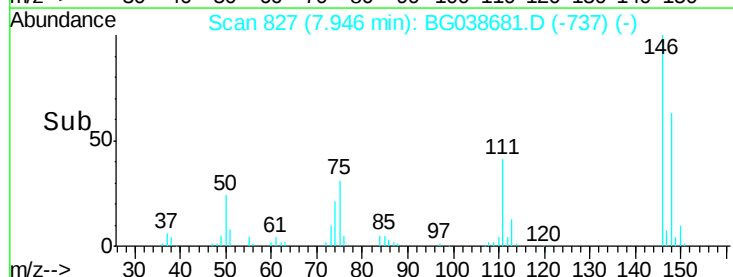
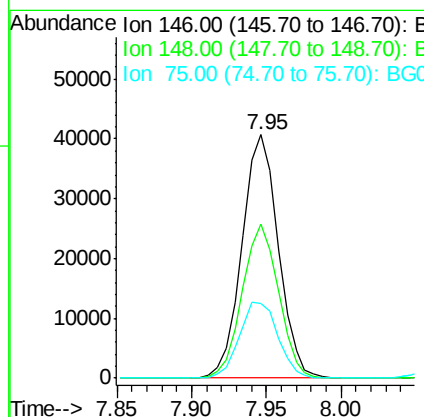
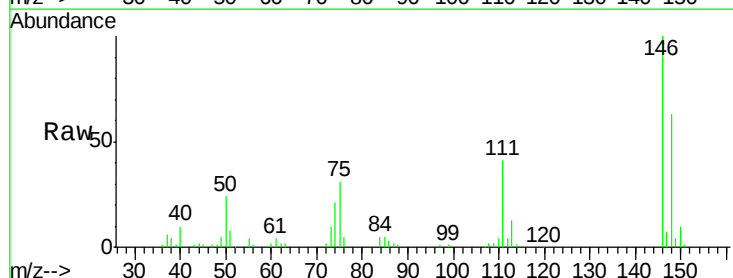
RT: 7.95 min Scan# 827

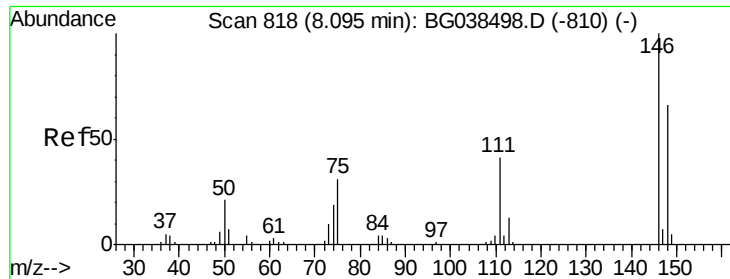
Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	146	Resp:	68580
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
75	30.6	26.1	39.1





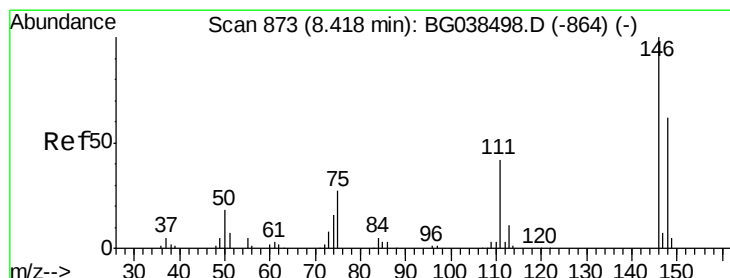
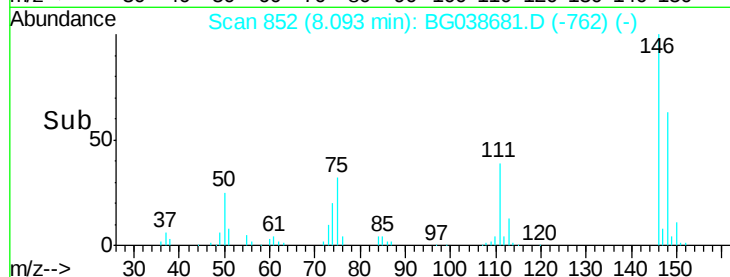
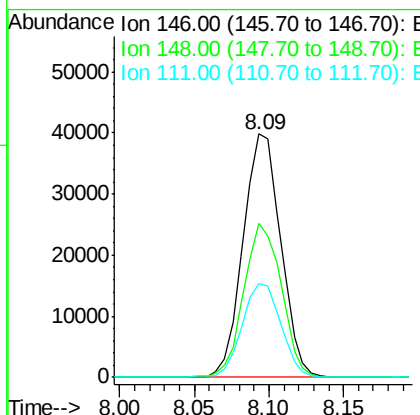
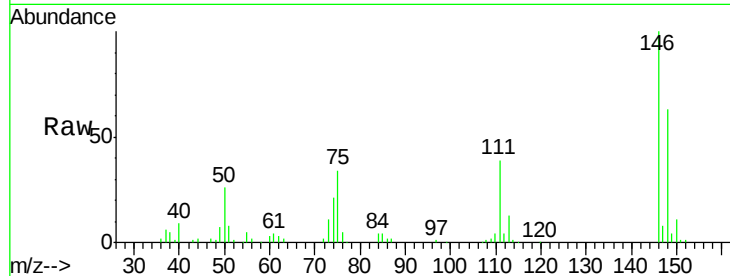
#13
 1,4-Dichlorobenzene
 Concen: 42.537 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampled :
 TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.4	78.6
111	38.6	33.0	49.4

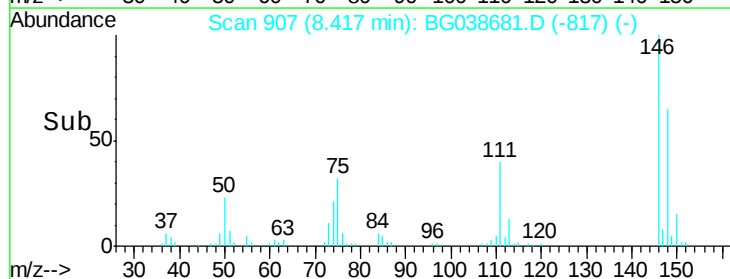
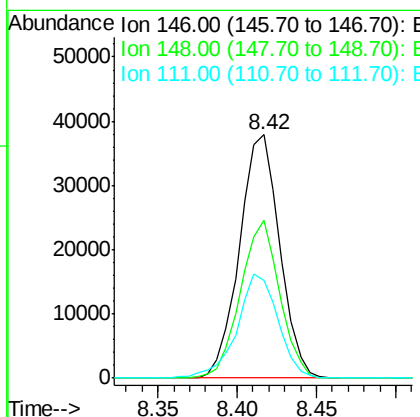
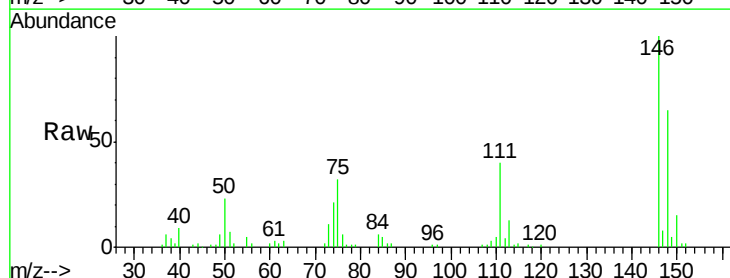
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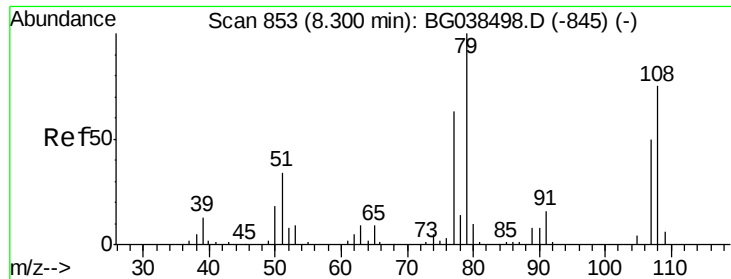
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#14
 1,2-Dichlorobenzene
 Concen: 43.270 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.4	74.0
111	40.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 50.201 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

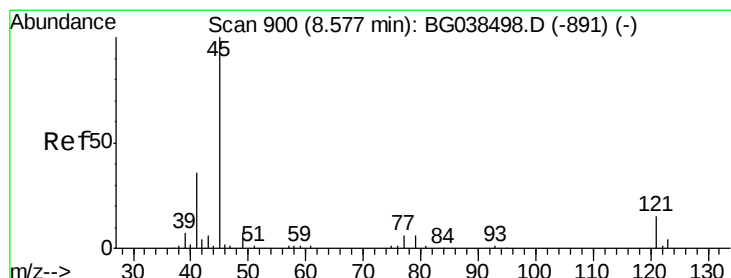
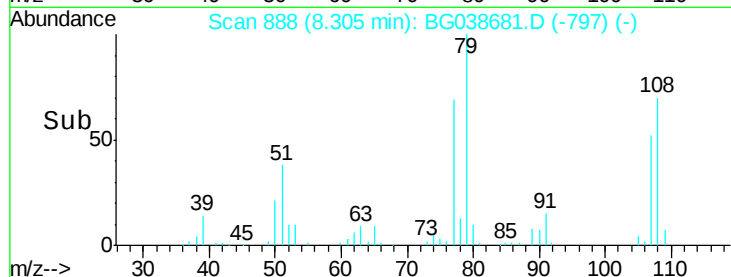
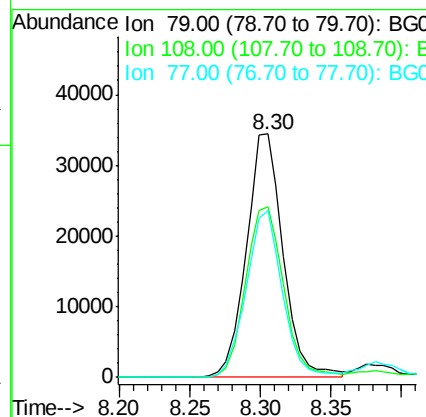
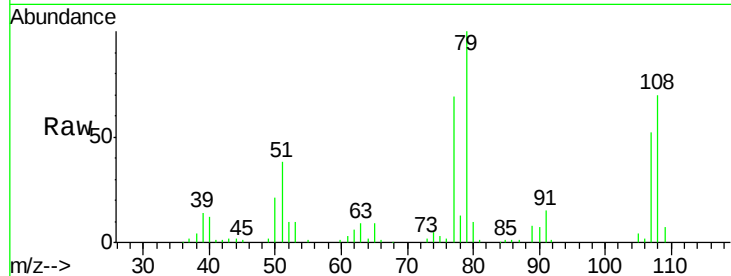
ClientSampleId :

TP-1-BMSD

Tgt Ion:	79	Resp:	62701
Ion Ratio	Lower	Upper	
79	100		
108	69.9	60.2	90.4
77	68.6	50.7	76.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.799 ng

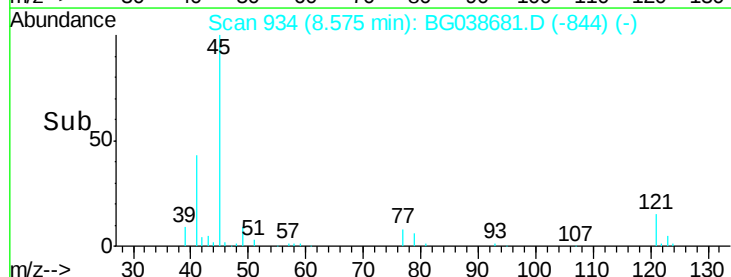
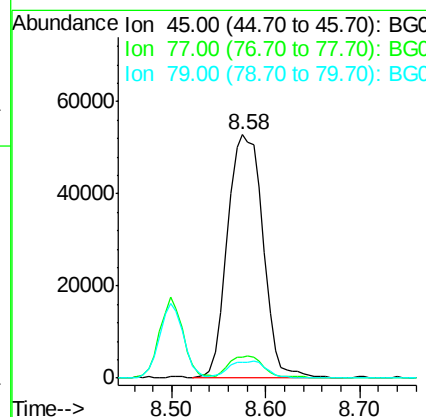
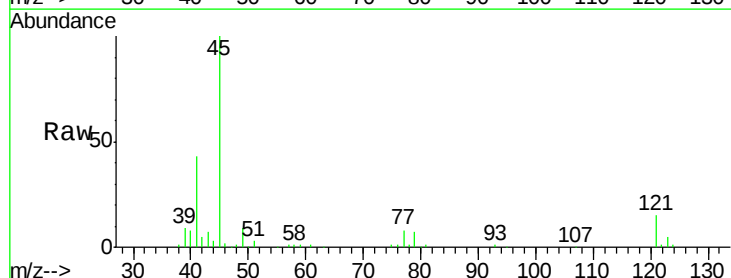
RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	45	Resp:	138900
Ion Ratio	Lower	Upper	
45	100		
77	8.4	0.0	28.2
79	6.7	0.0	27.2





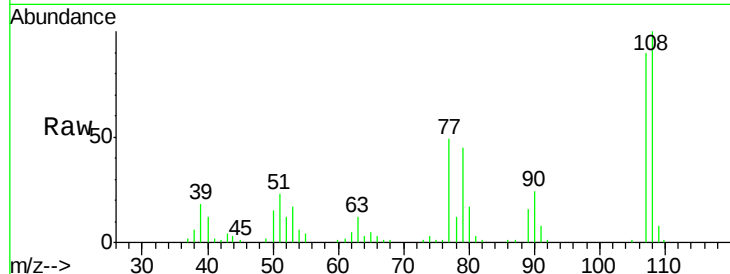
#17
2-Methylphenol
Concen: 50.701 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

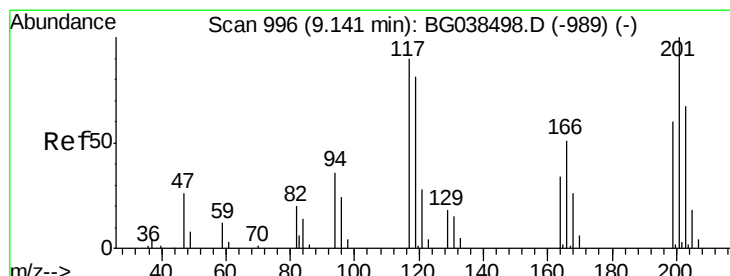
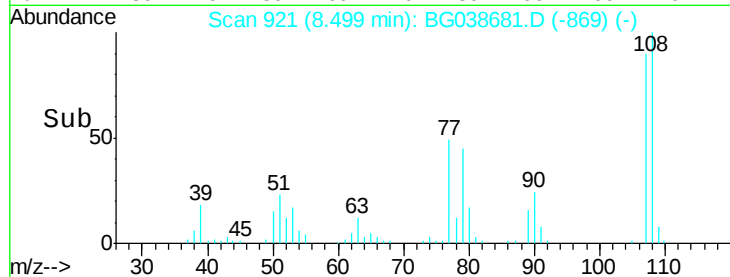
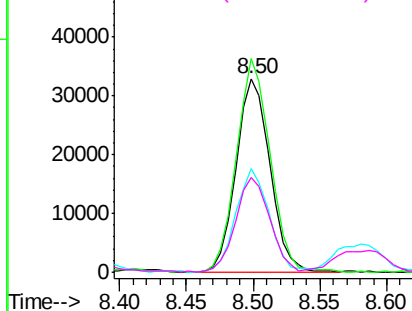
Tgt Ion:	107	Resp:	57748
Ion Ratio	Lower	Upper	
107	100		
108	110.5	87.1	130.7
77	53.7	42.0	63.0
79	49.3	38.2	57.2

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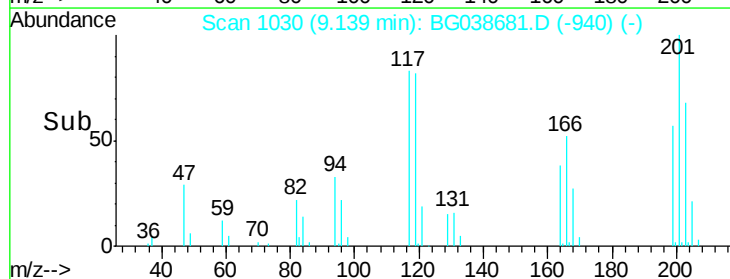
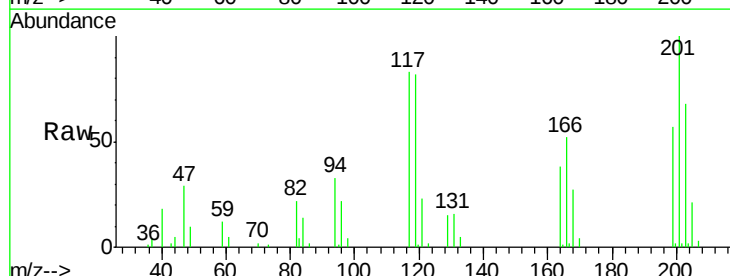
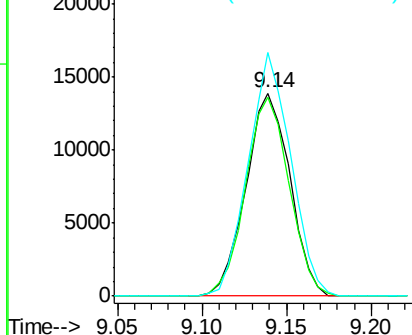
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

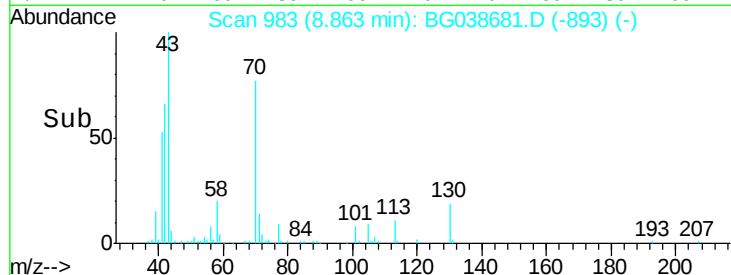
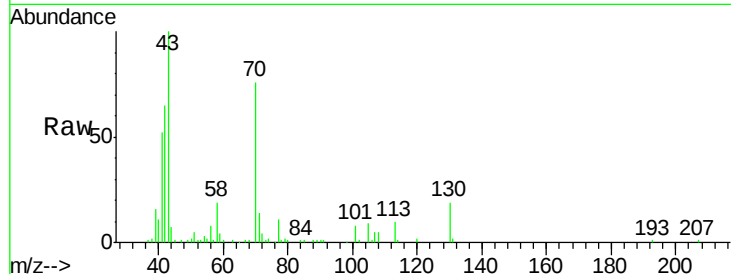
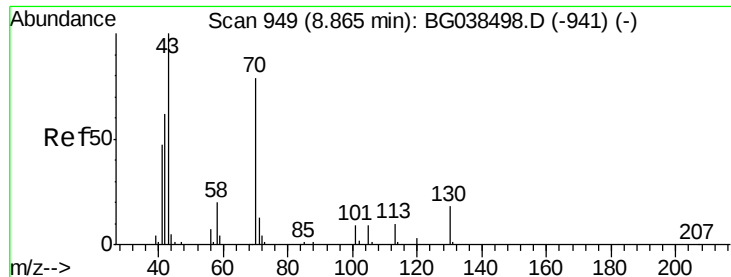


#18
Hexachloroethane
Concen: 42.044 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion:	117	Resp:	25095
Ion Ratio	Lower	Upper	
117	100		
119	99.5	73.8	110.8
201	122.6	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





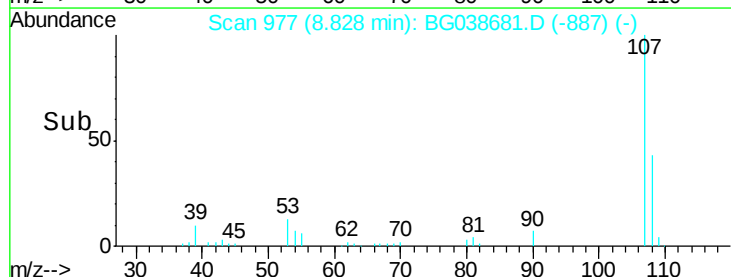
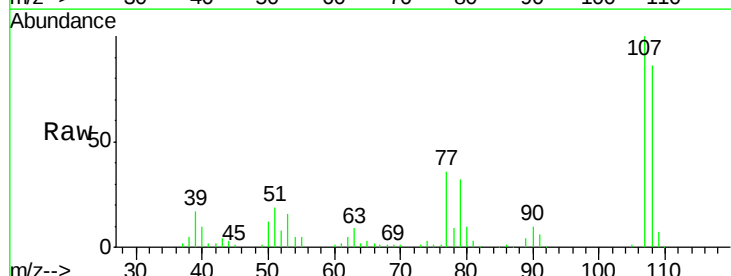
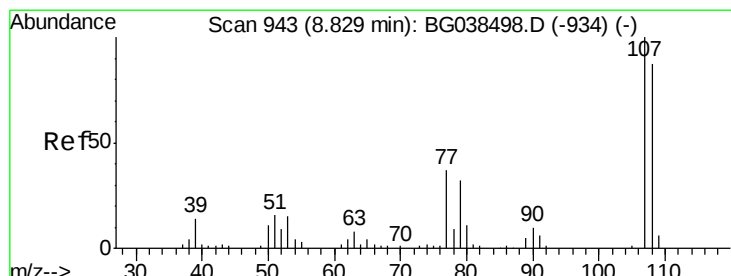
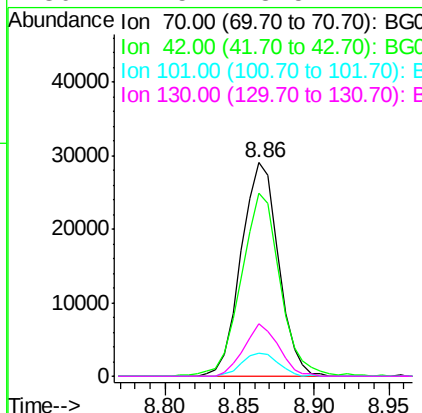
#19
n-Nitroso-di-n-propylamine
Concen: 44.716 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
70	100		
42	85.6	63.6	95.4
101	10.9	9.2	13.8
130	24.5	18.5	27.7

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

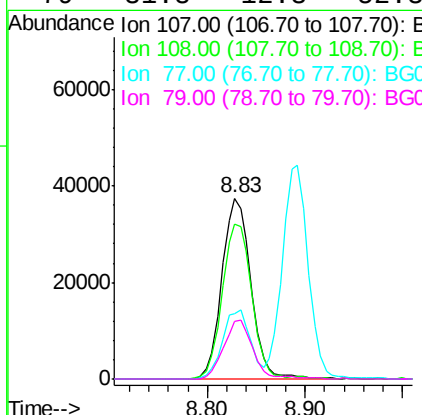
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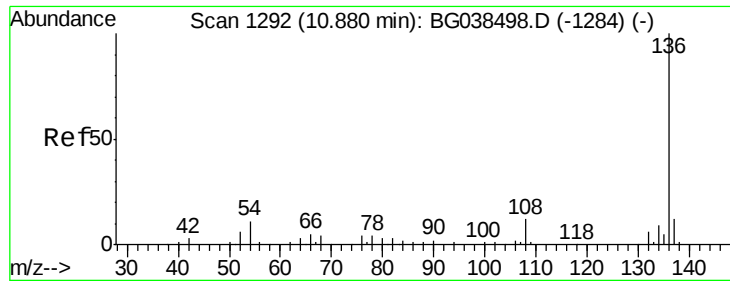
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#20
3+4-Methylphenols
Concen: 48.966 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.6	66.7	106.7
77	36.3	17.3	57.3
79	31.8	12.3	52.3





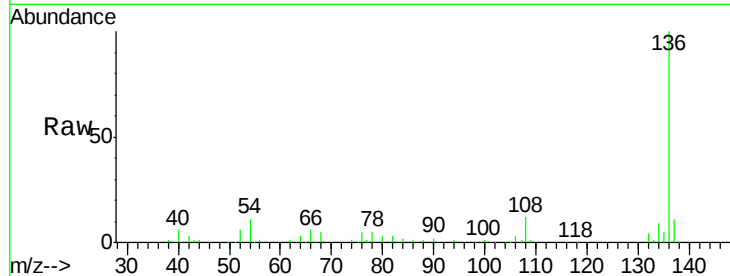
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

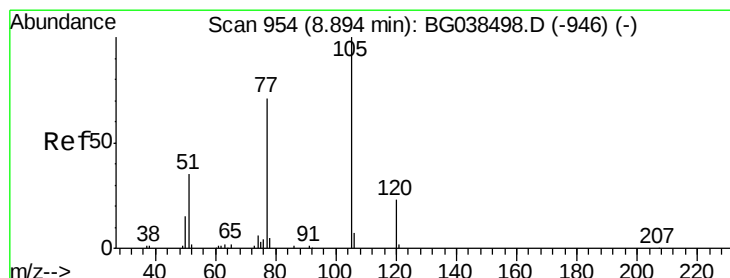
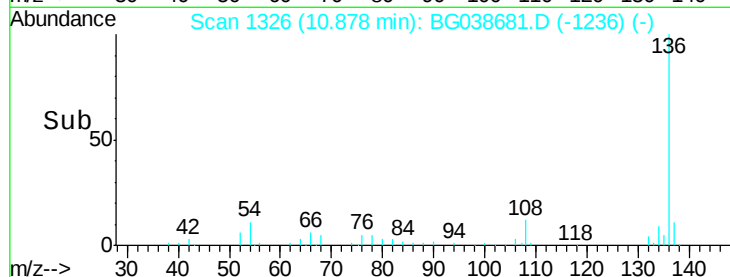
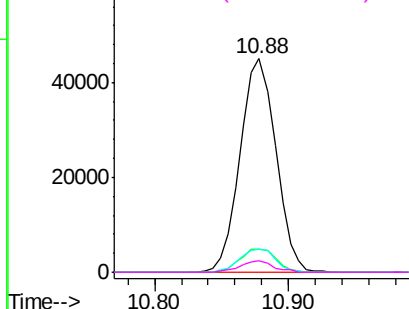
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.3	13.9
54	10.8	8.5	12.7
68	5.3	3.5	5.3#

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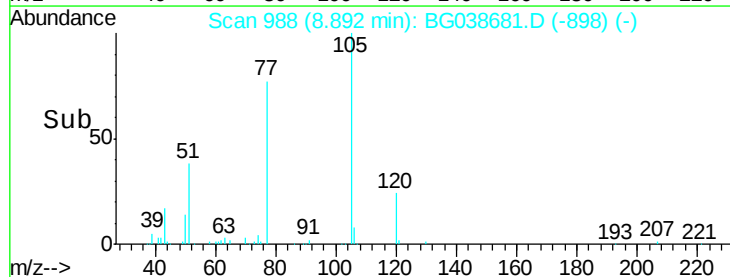
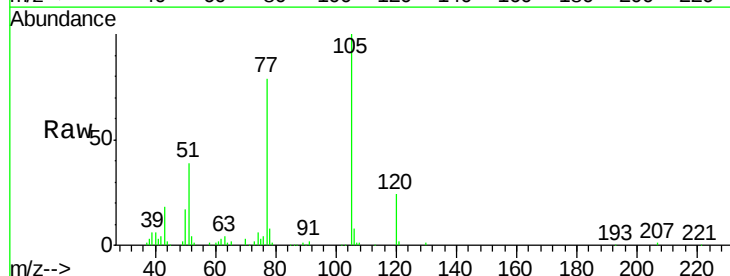
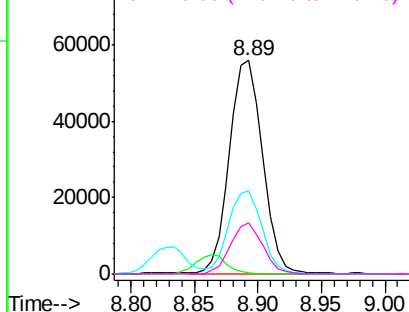
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

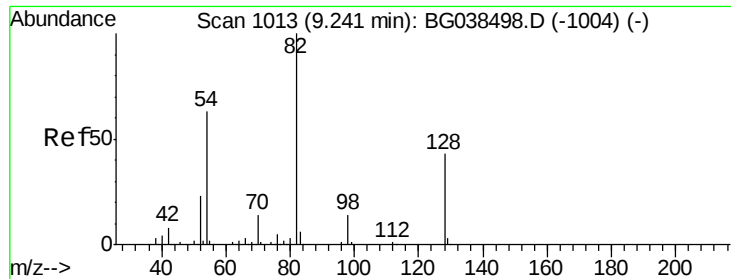


#22
Acetophenone
Concen: 48.580 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.4	0.4	0.6#
51	38.9	30.6	46.0
120	24.1	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





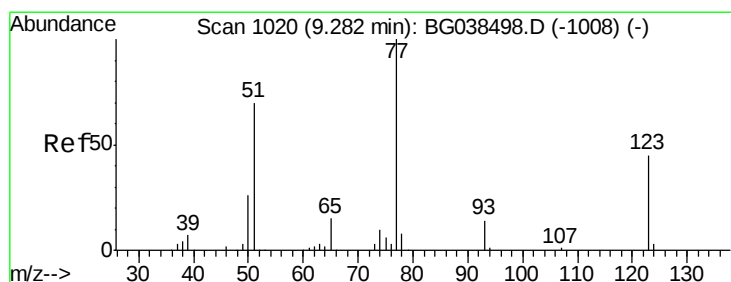
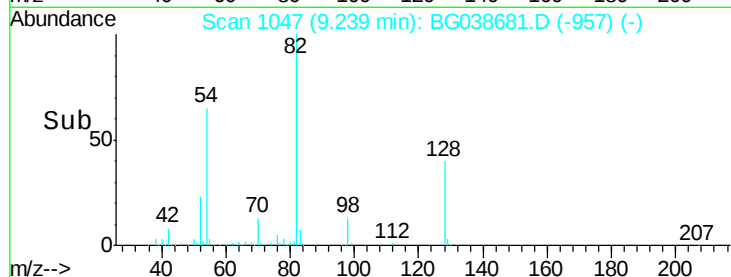
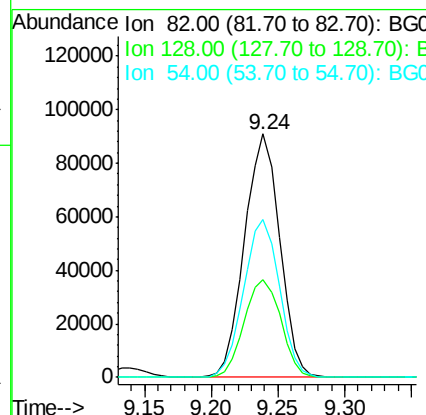
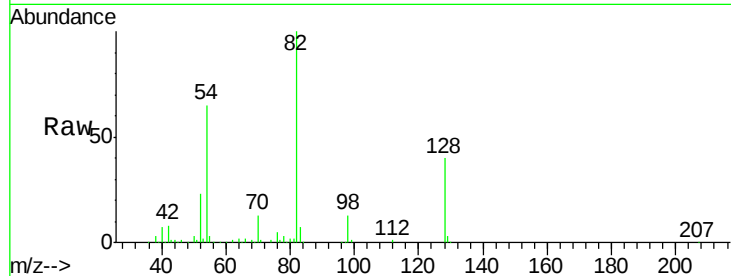
#23
 Nitrobenzene-d5
 Concen: 101.452 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	166056		
128	40.3	34.6	52.0	
54	64.9	50.6	76.0	

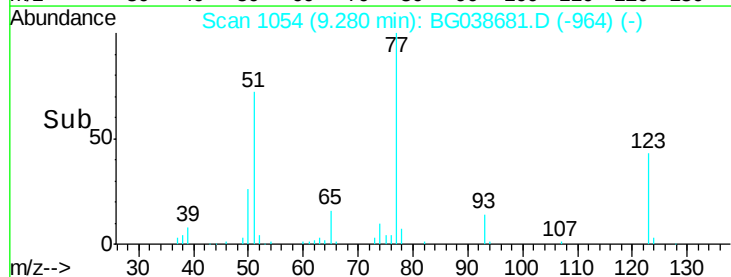
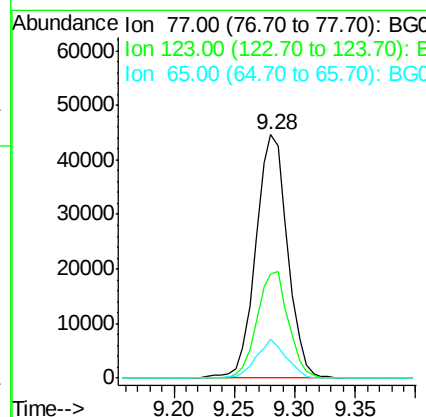
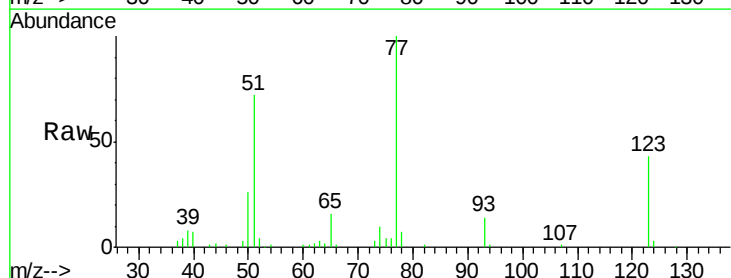
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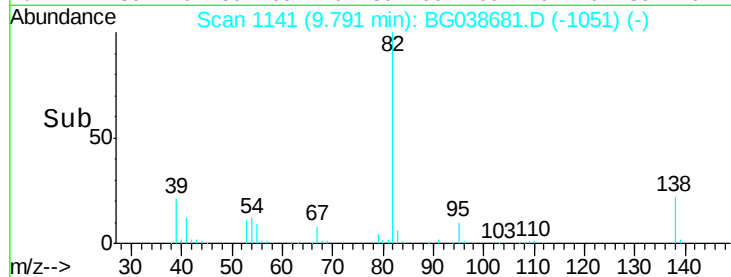
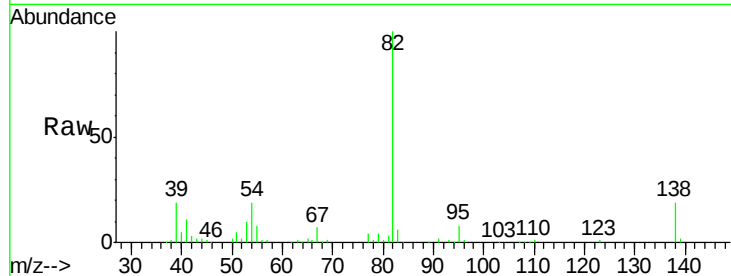
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#24
 Nitrobenzene
 Concen: 48.988 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	81115		
123	42.5	35.9	53.9	
65	16.0	12.0	18.0	





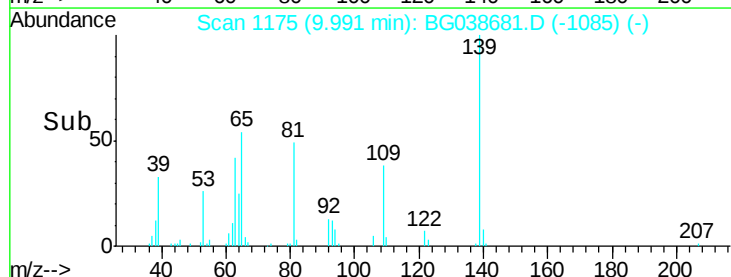
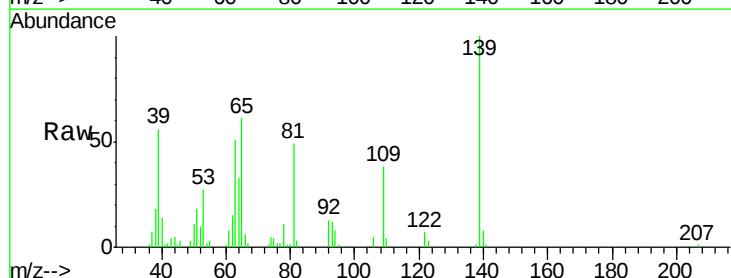
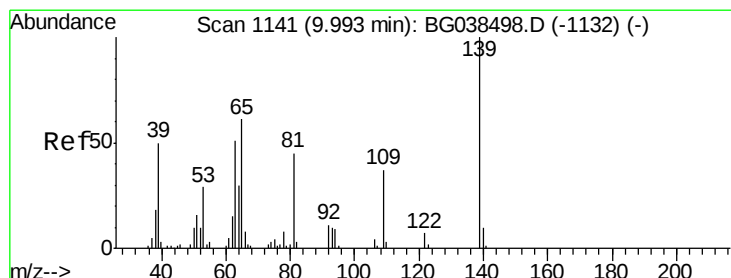
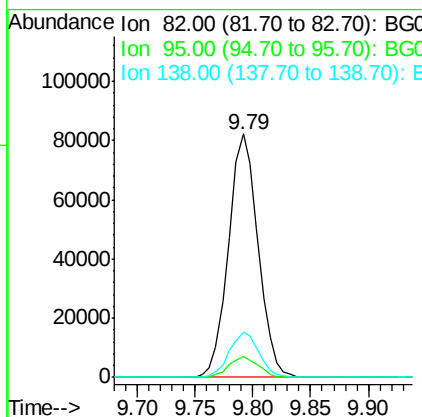
#25
Isophorone
Concen: 49.578 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	145801		
95	8.5	6.1	9.1	
138	18.8	14.9	22.3	

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

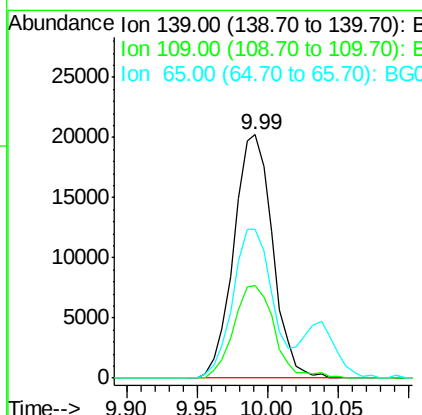
Manual Integrations
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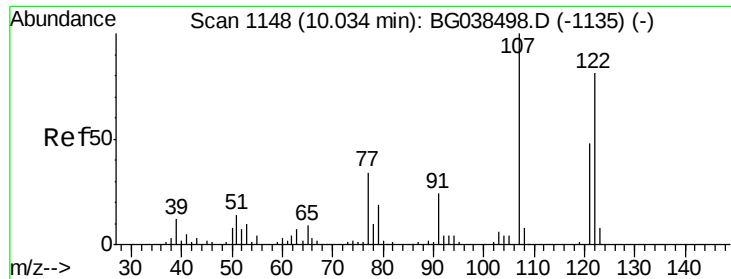
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#26
2-Nitrophenol
Concen: 45.715 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	38743		
109	38.0	29.5	44.3	
65	61.3	48.5	72.7	





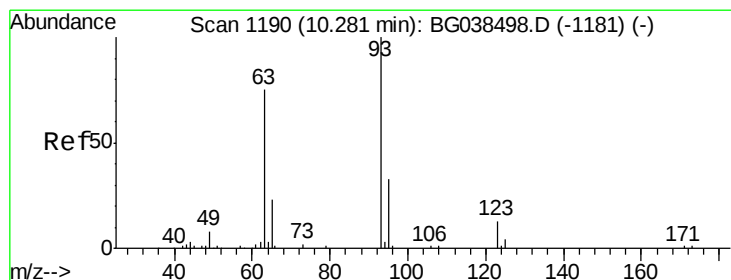
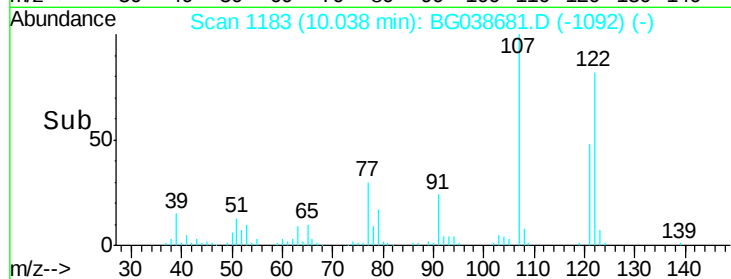
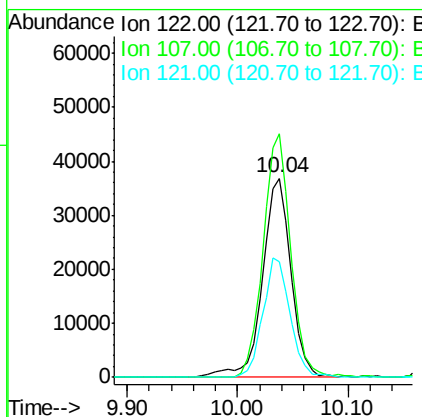
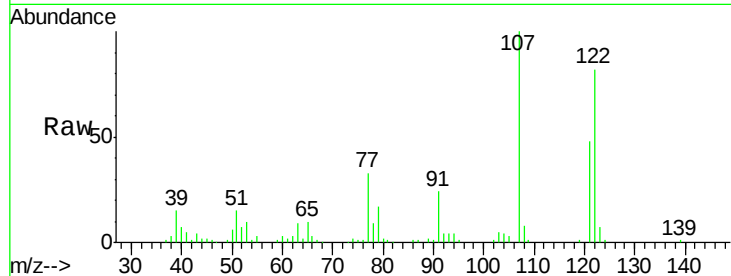
#27
2,4-Dimethylphenol
Concen: 54.969 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion:122 Resp: 66765
Ion Ratio Lower Upper
122 100
107 122.5 98.4 147.6
121 58.2 47.2 70.8

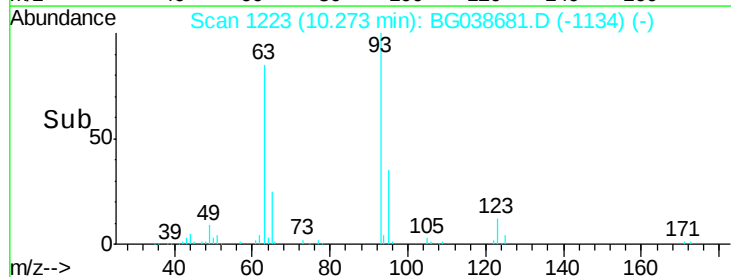
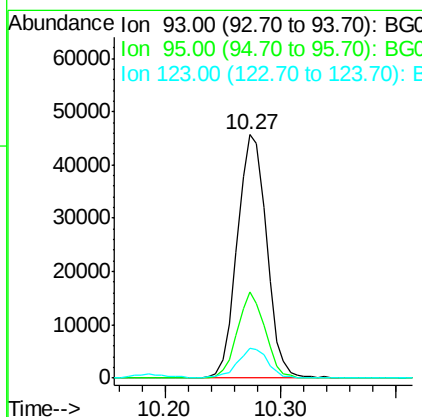
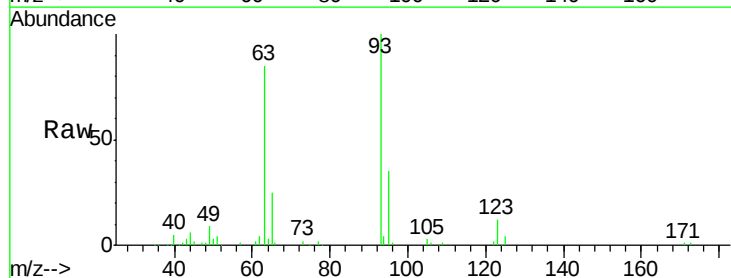
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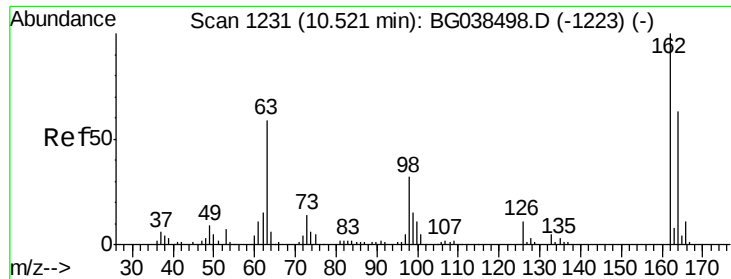
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#28
bis(2-Chloroethoxy)methane
Concen: 48.500 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion: 93 Resp: 80491
Ion Ratio Lower Upper
93 100
95 35.3 26.6 40.0
123 12.1 10.6 16.0





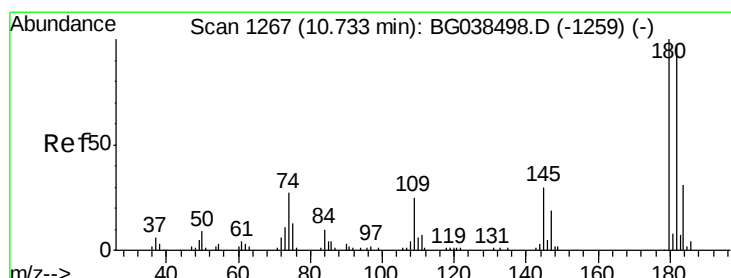
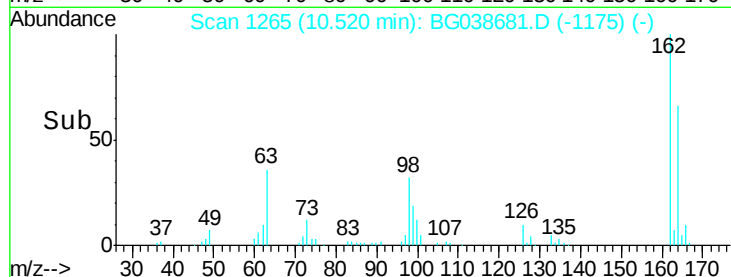
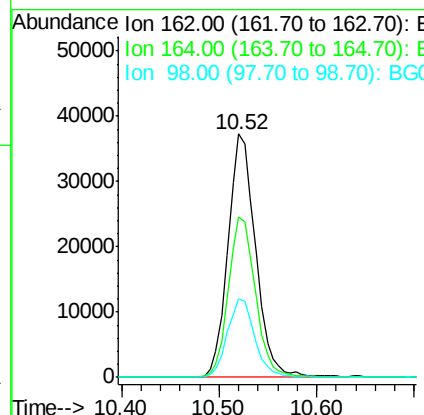
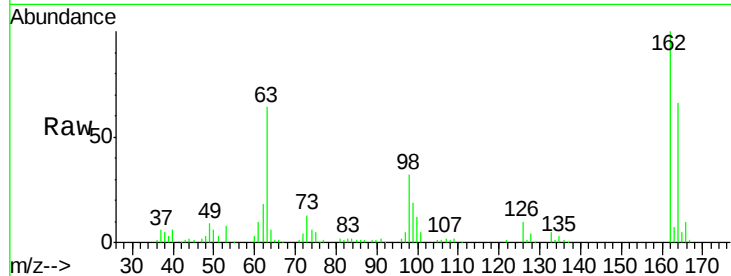
#29
2,4-Dichlorophenol
Concen: 54.226 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleID :
TP-1-BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.1	42.9	82.9
98	32.4	12.1	52.1

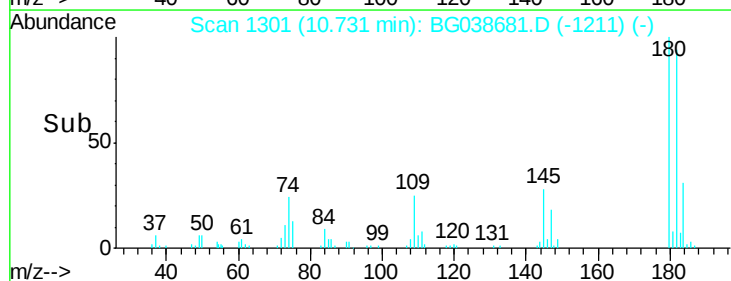
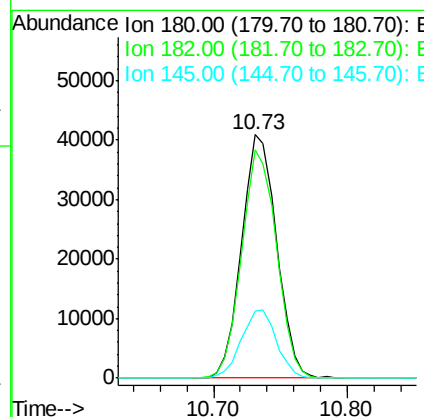
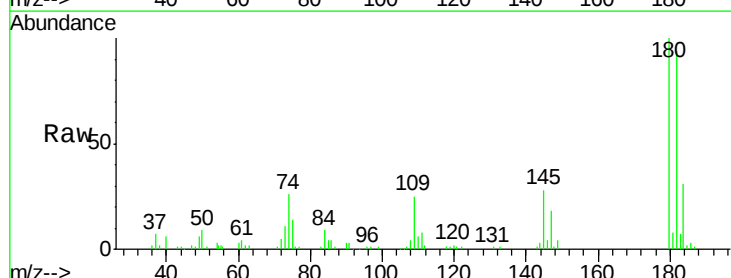
Manual Integrations
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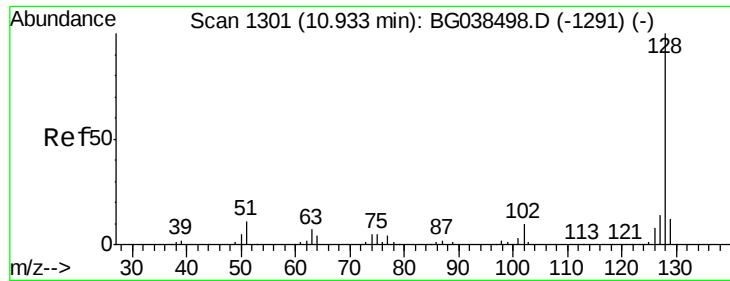
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#30
1,2,4-Trichlorobenzene
Concen: 45.455 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	77.4	116.0
145	27.6	24.1	36.1





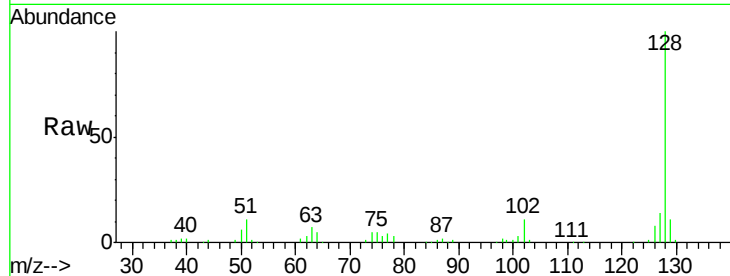
#31
Naphthalene
Concen: 49.578 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	204262		
129	11.3	9.5	14.3	
127	14.4	10.9	16.3	

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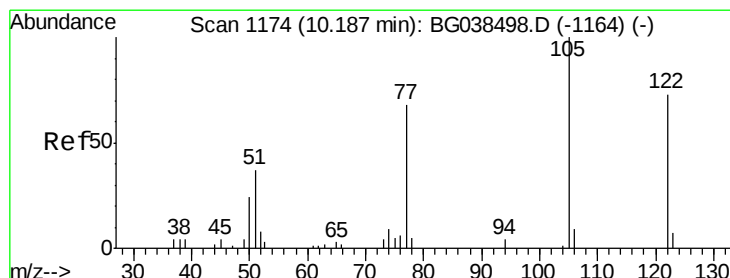
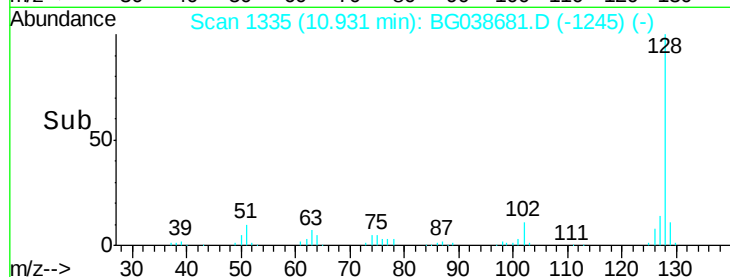
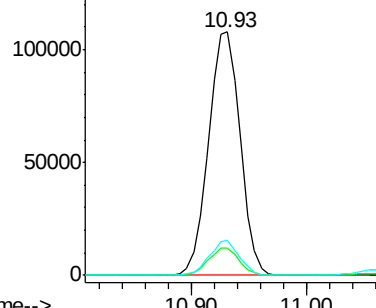


Abundance

Ion 128.00 (127.70 to 128.70): E

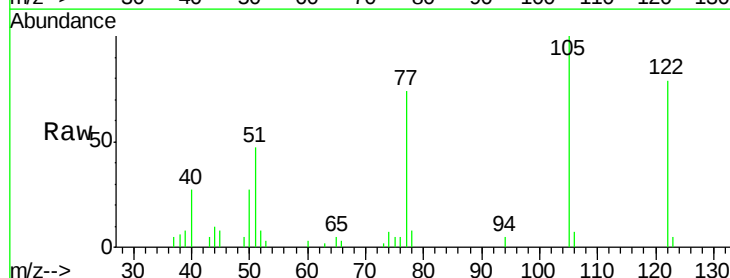
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.745 ng m
RT: 10.19 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26015		
105	126.7	116.7	156.7	
77	93.3	72.5	112.5	

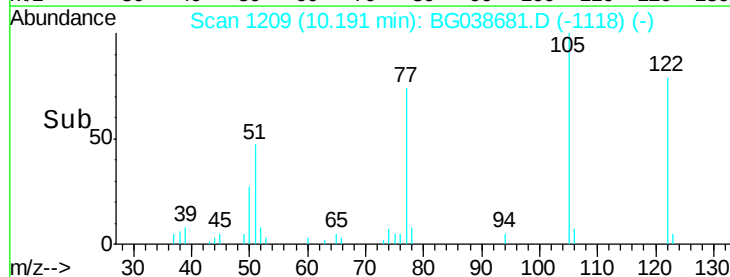
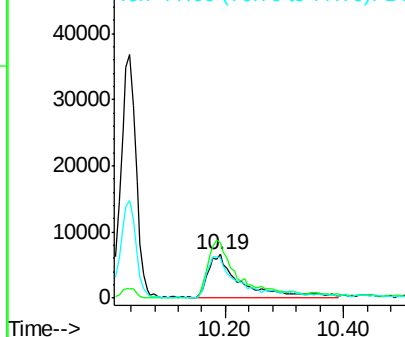


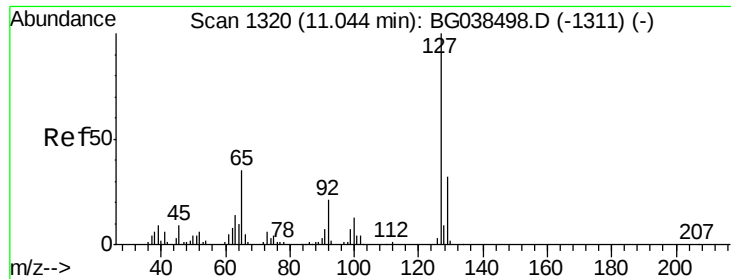
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





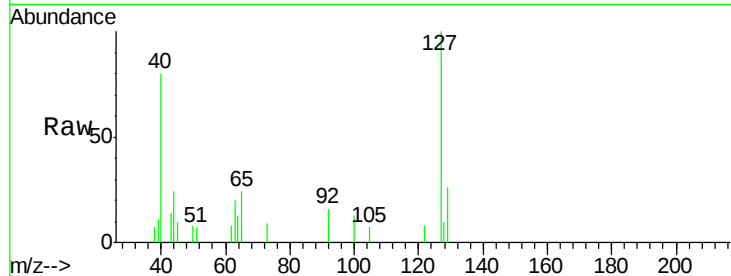
#33
4-Chloroaniline
Concen: 2.738 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

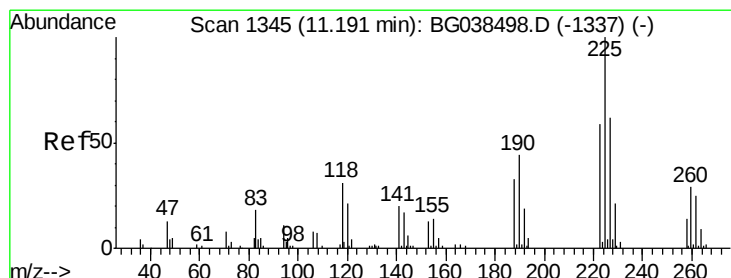
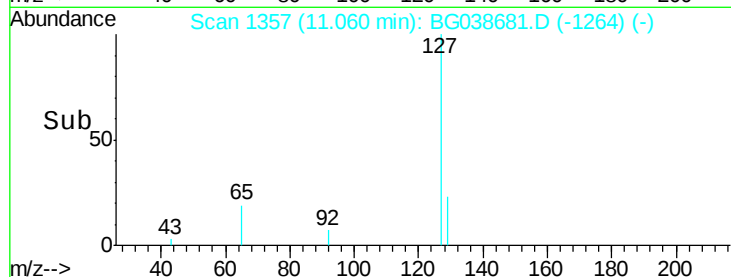
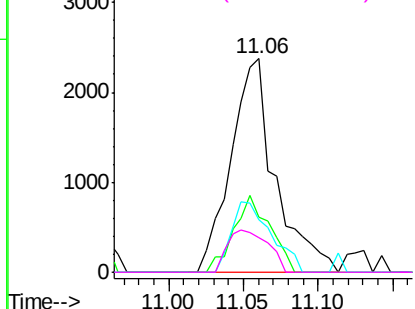
Tgt Ion	Ratio	Lower	Upper
127	100		
129	26.0	25.8	38.8
65	24.3	27.8	41.6#
92	16.3	17.0	25.6#

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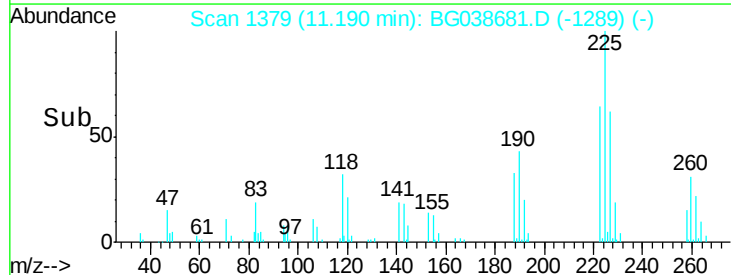
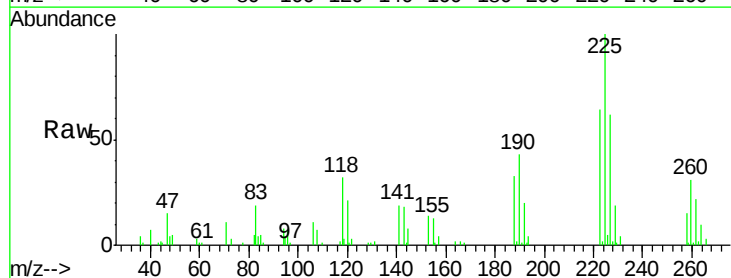
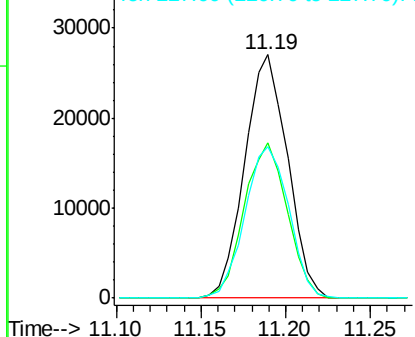
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

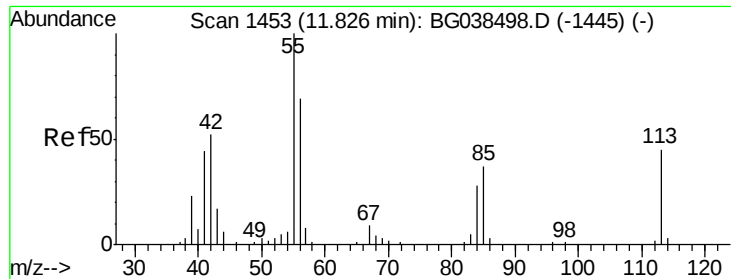


#34
Hexachlorobutadiene
Concen: 43.152 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	45.0	67.6
227	61.2	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





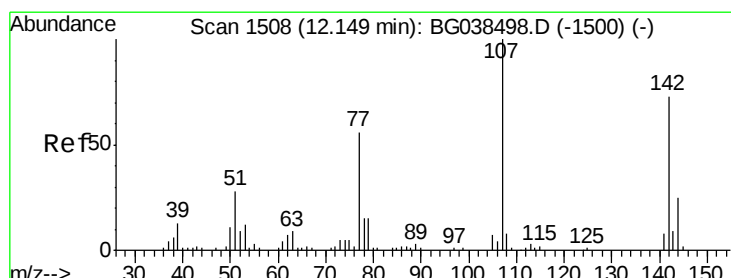
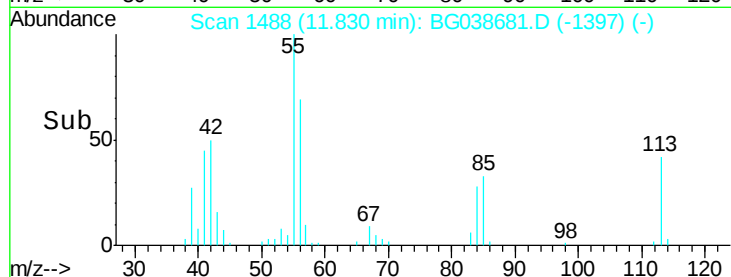
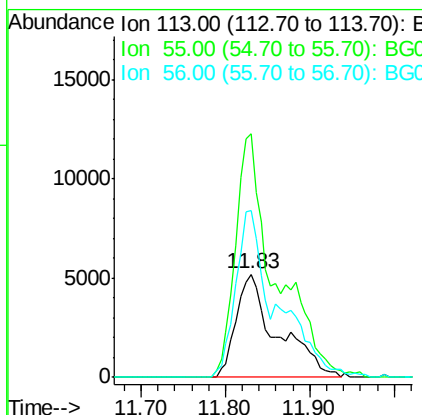
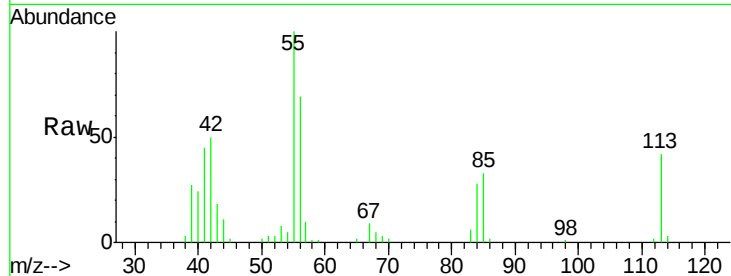
#35
 Caprolactam
 Concen: 31.034 ng m
 RT: 11.83 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion: 113 Resp: 17354
 Ion Ratio Lower Upper
 113 100
 55 236.2 204.3 244.3
 56 161.9 135.0 175.0

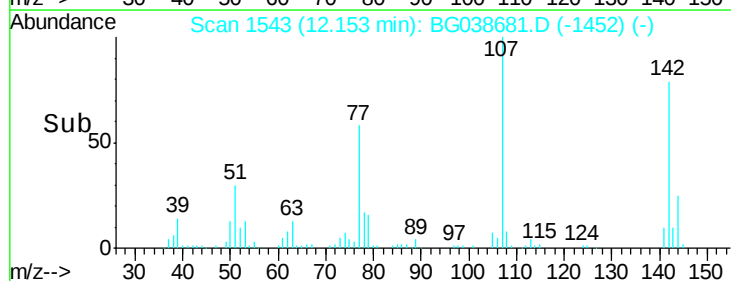
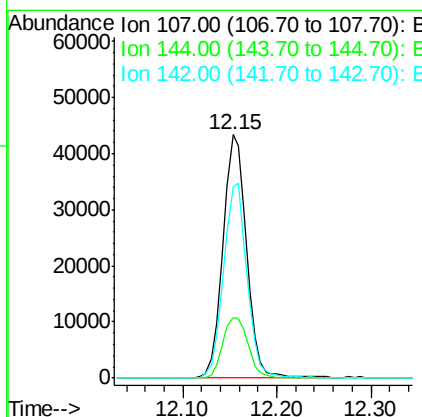
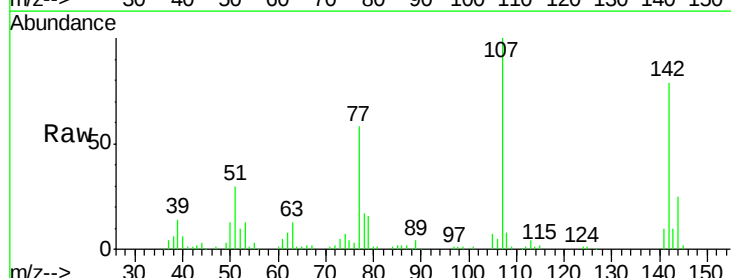
Manual Integrations
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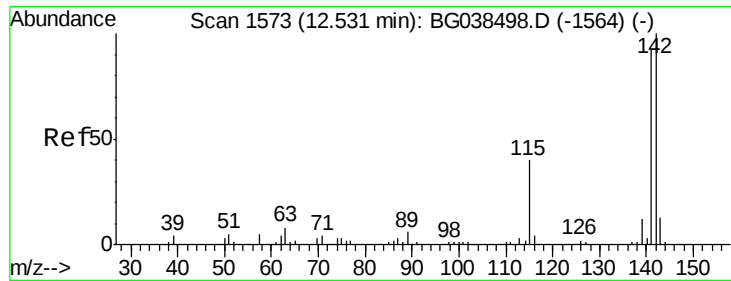
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#36
 4-Chloro-3-methylphenol
 Concen: 49.086 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion: 107 Resp: 75689
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.1 30.1
 142 78.7 58.7 88.1





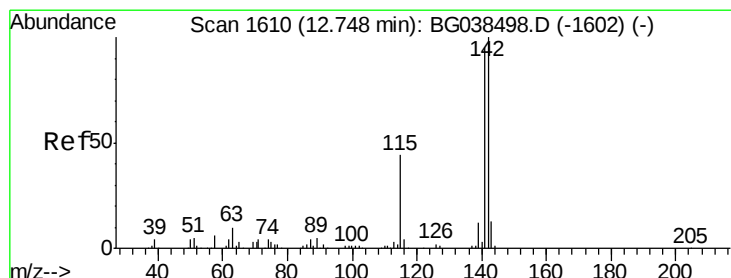
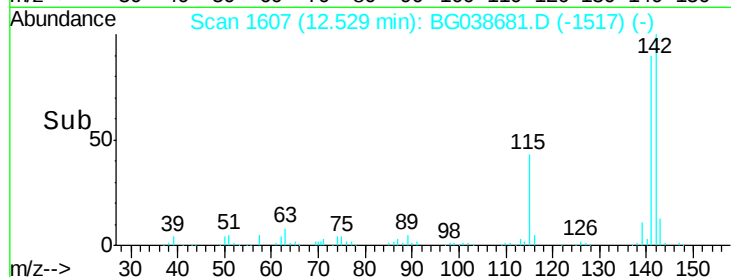
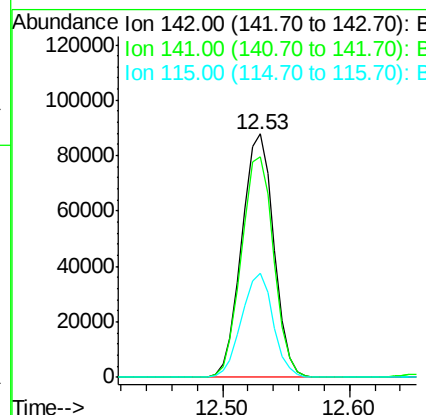
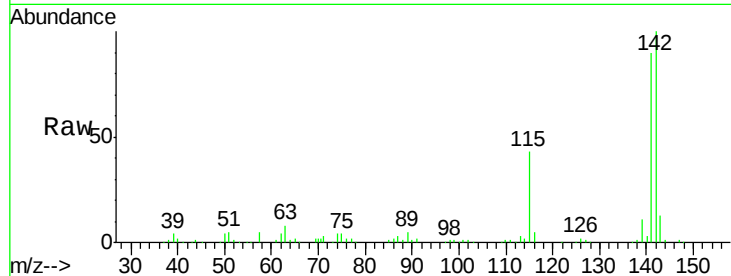
#37
 2-Methylnaphthalene
 Concen: 52.420 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	154075		
141	90.5	73.5	110.3	
115	42.9	31.7	47.5	

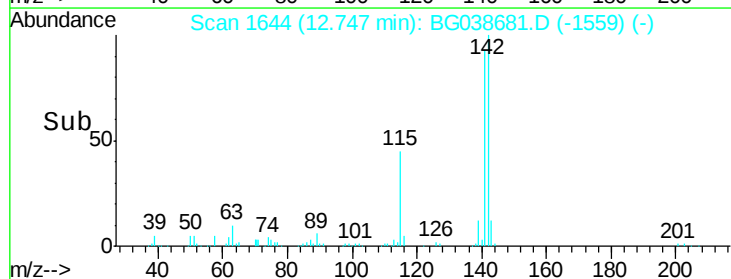
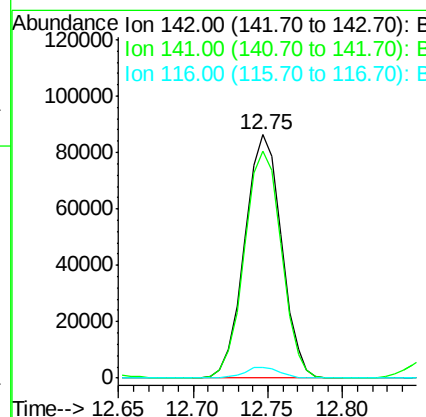
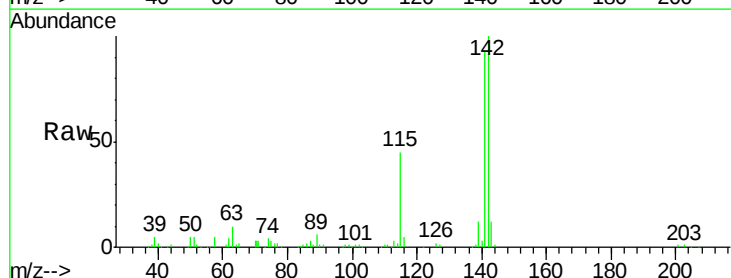
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#38
 1-Methylnaphthalene
 Concen: 51.631 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	147261		
141	93.4	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: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

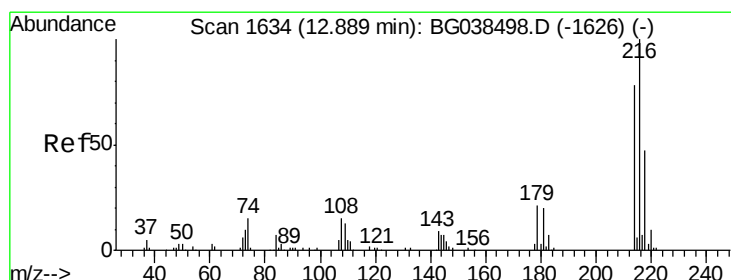
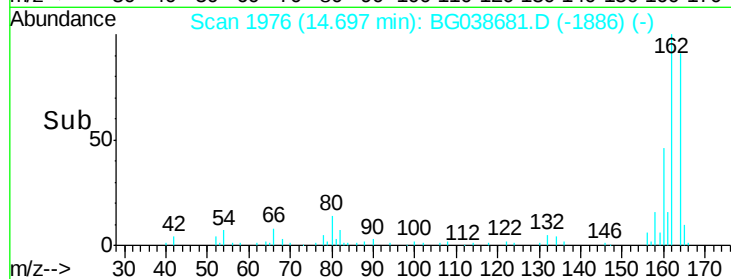
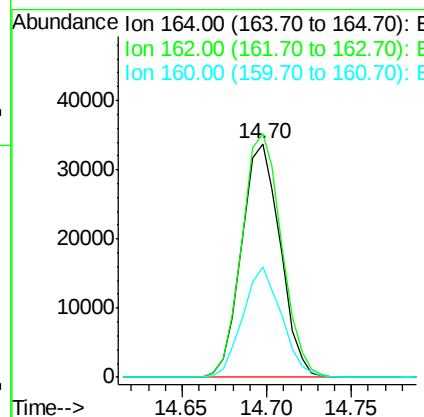
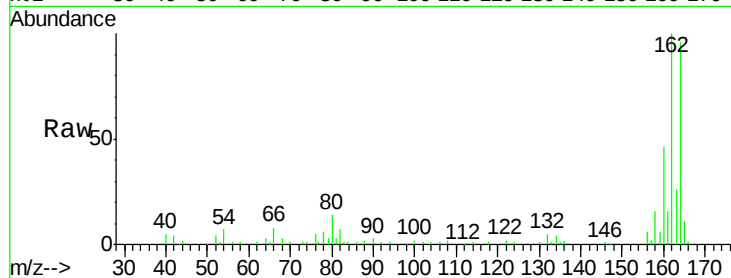
ClientSampleId :

TP-1-BMSD

Tgt Ion:	164	Resp:	53821
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.6	130.0
160	47.5	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.070 ng

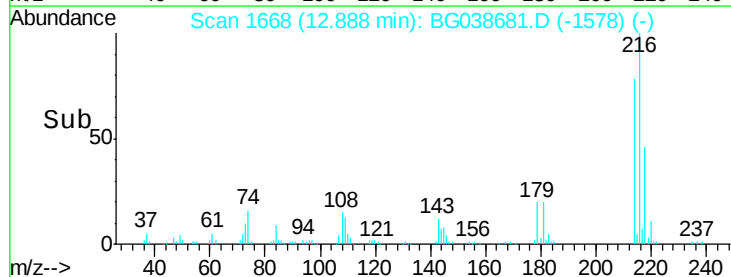
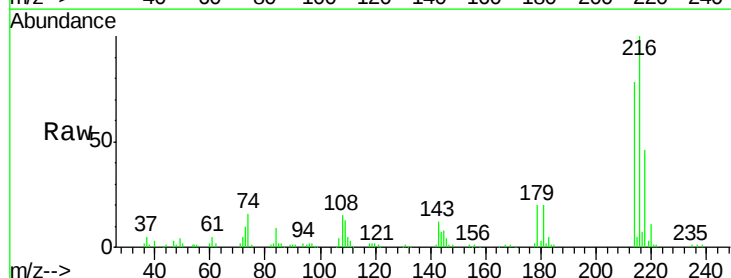
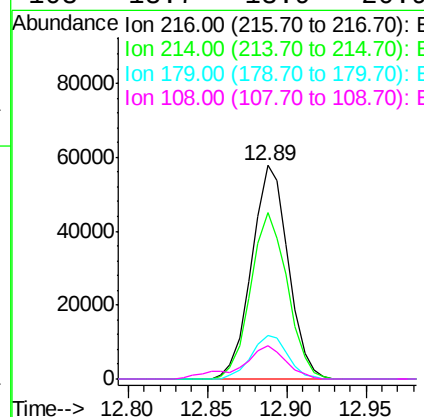
RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	216	Resp:	92684
Ion Ratio	Lower	Upper	
216	100		
214	77.9	64.1	96.1
179	20.2	16.4	24.6
108	18.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 84.926 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

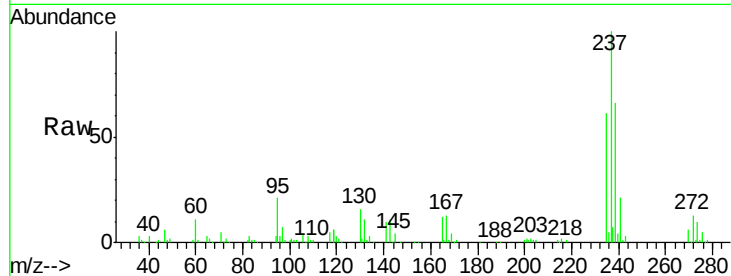
ClientSampleId :

TP-1-BMSD

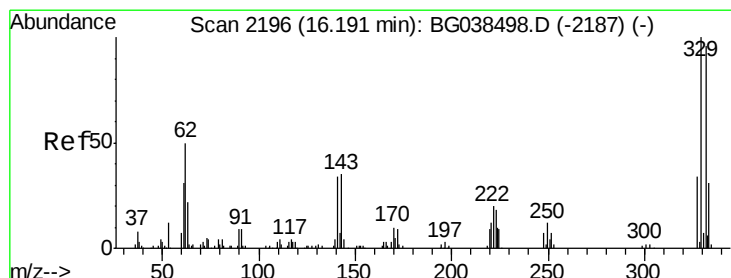
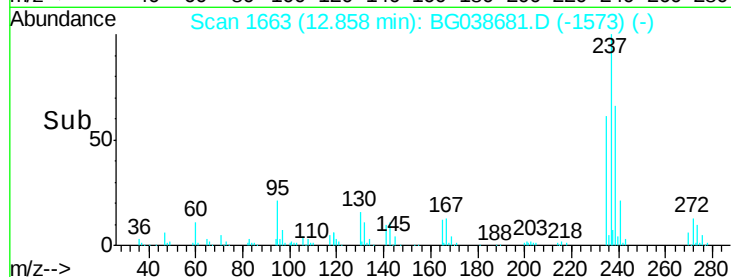
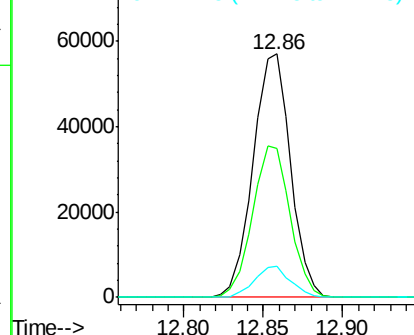
Tgt Ion:	237	Resp:	93867
Ion Ratio	Lower	Upper	
237	100		
235	61.1	38.8	78.8
272	12.8	0.0	32.0

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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: 163.153 ng

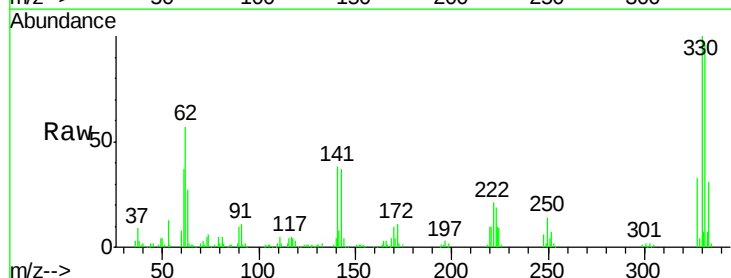
RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

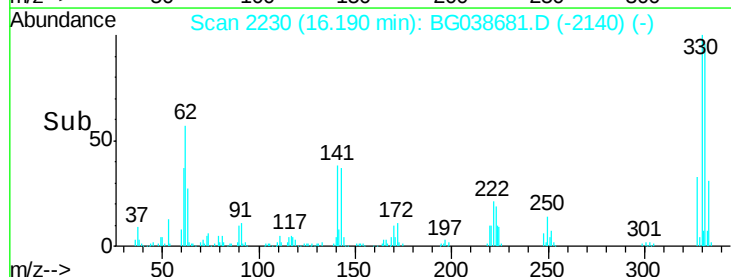
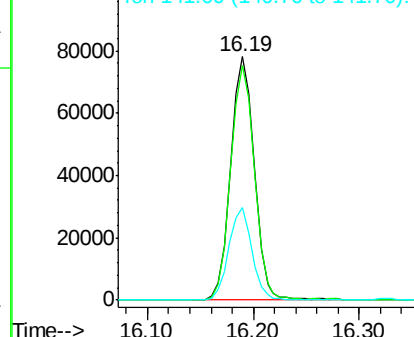
Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	330	Resp:	121019
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.9	115.3
141	37.1	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





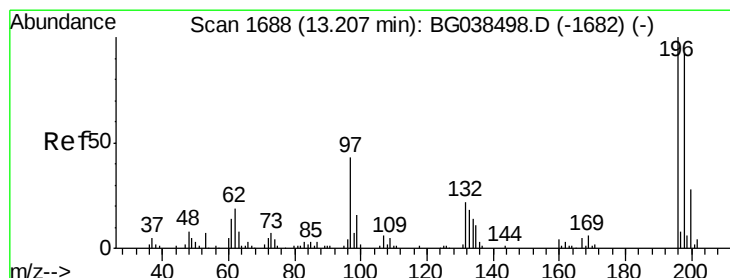
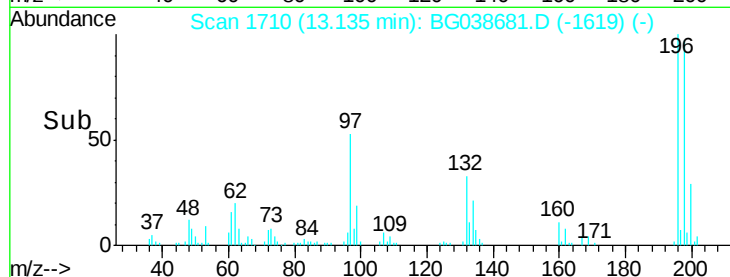
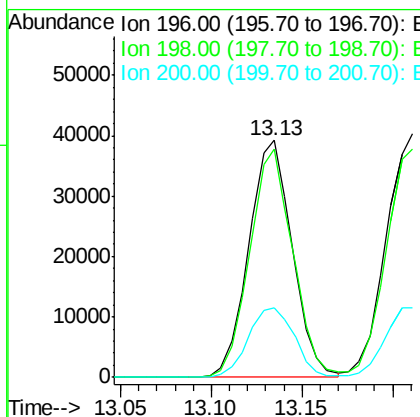
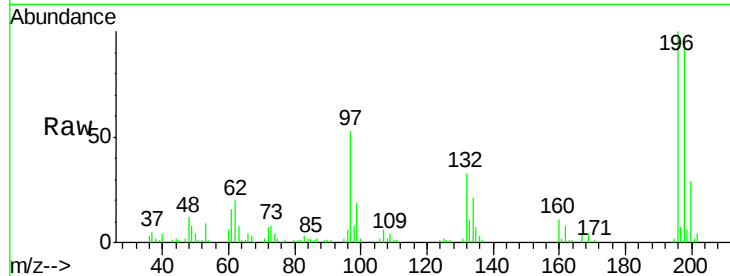
#43
 2,4,6-Trichlorophenol
 Concen: 52.855 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampled :
 TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	65381		
198	96.6	75.0	112.4	
200	29.5	22.4	33.6	

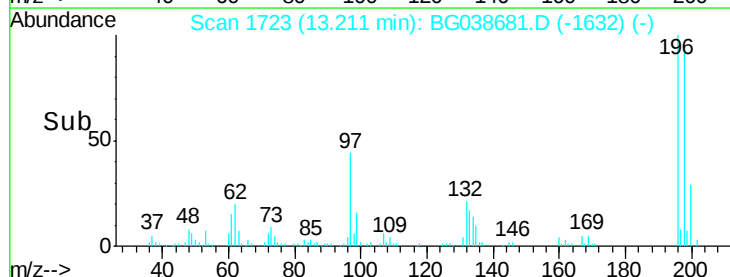
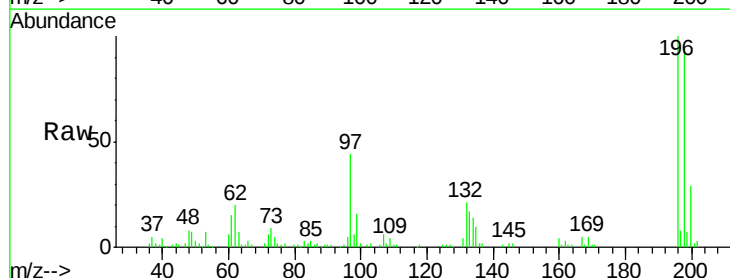
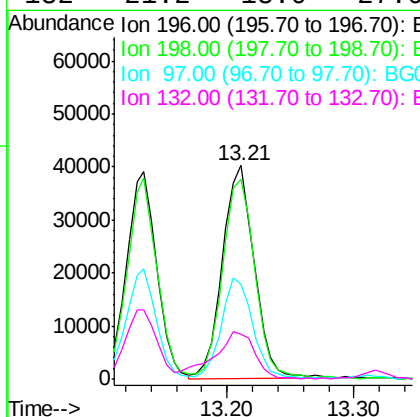
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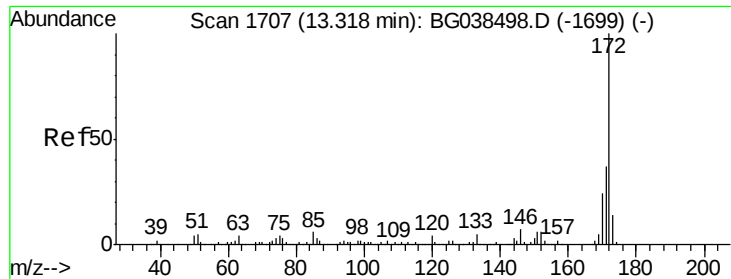
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 53.001 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69415		
198	93.6	74.0	111.0	
97	44.1	35.1	52.7	
132	21.2	18.0	27.0	





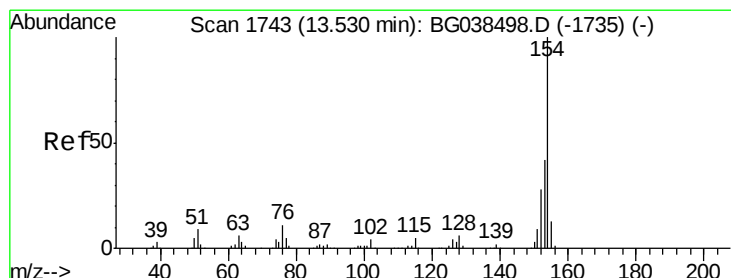
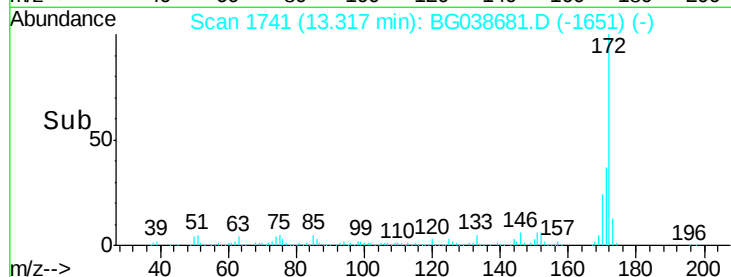
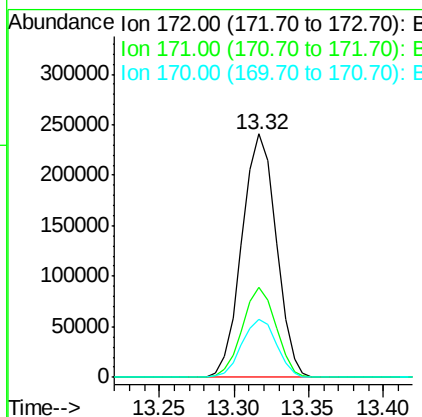
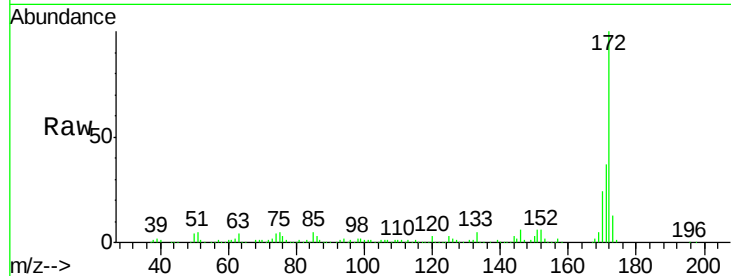
#45
2-Fluorobiphenyl
Concen: 97.809 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	383728		
171	37.2	29.8	44.6	
170	23.8	19.5	29.3	

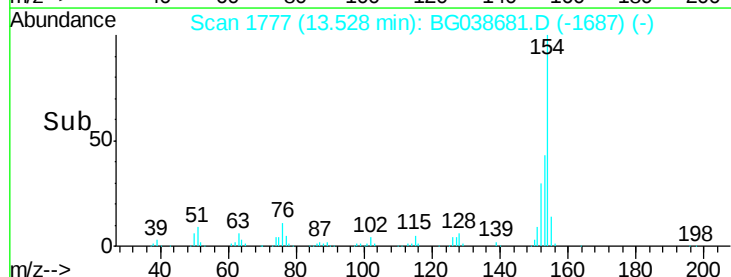
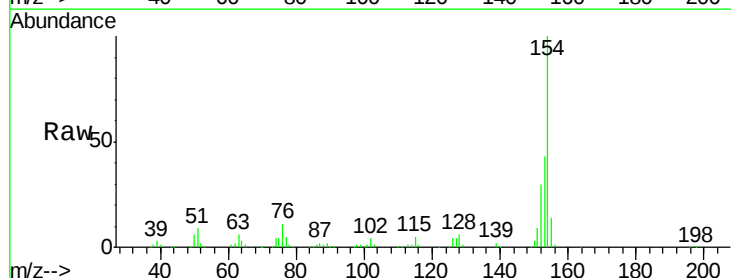
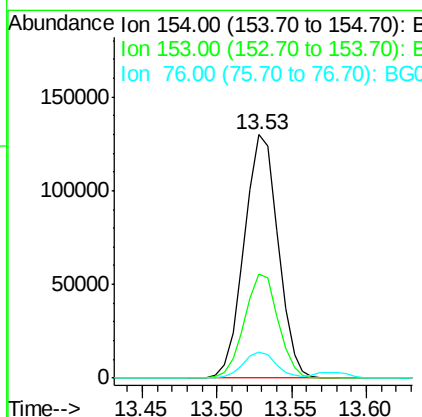
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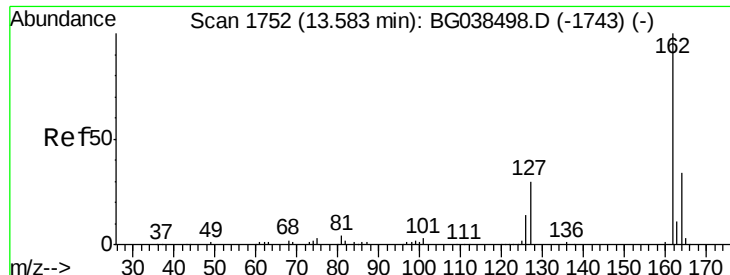
Sohil
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#46
1,1'-Biphenyl
Concen: 45.164 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	203775		
153	43.0	22.1	62.1	
76	10.7	0.0	31.2	





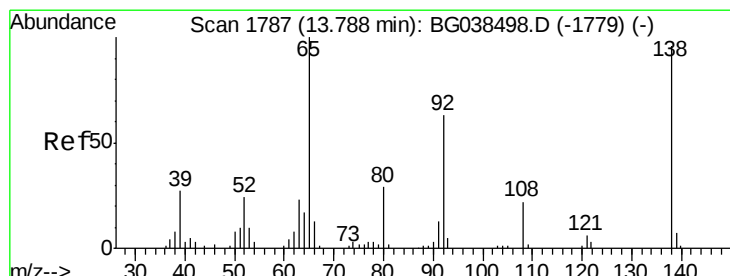
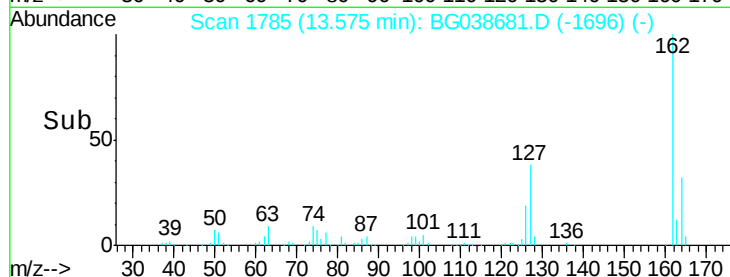
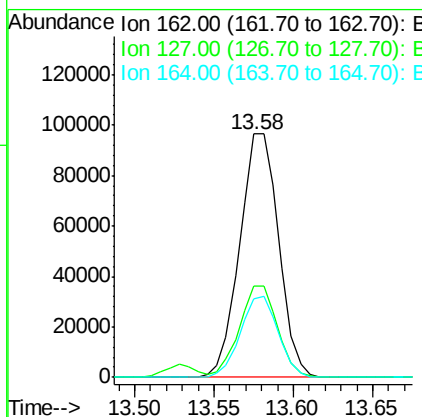
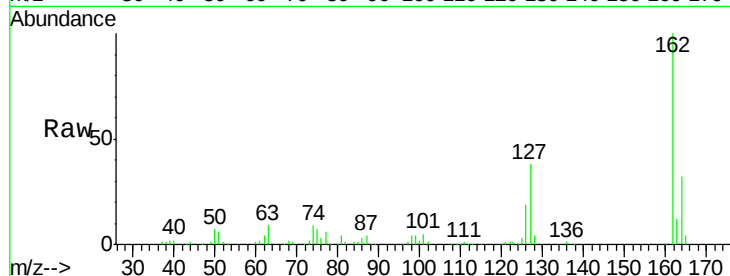
#47
 2-Chloronaphthalene
 Concen: 47.212 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	27.8	41.8
164	32.3	26.9	40.3

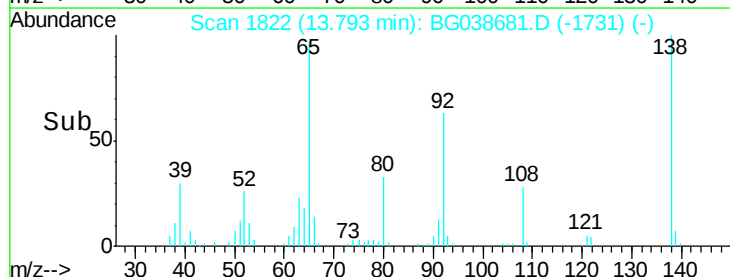
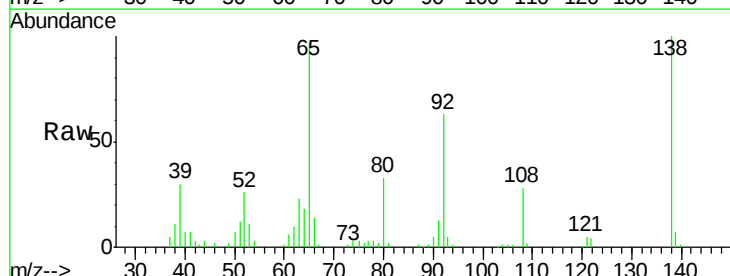
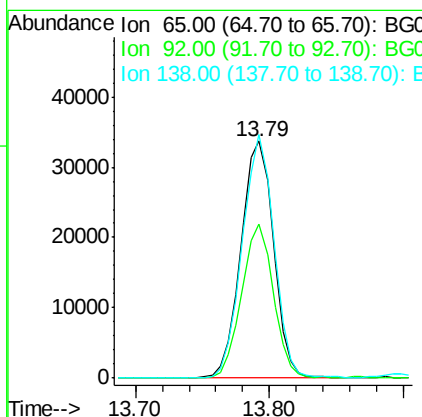
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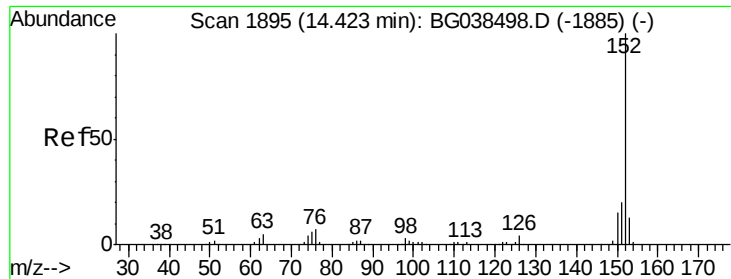
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#48
 2-Nitroaniline
 Concen: 51.205 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	50.0	75.0
138	102.9	76.9	115.3





#49

Acenaphthylene

Concen: 52.131 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

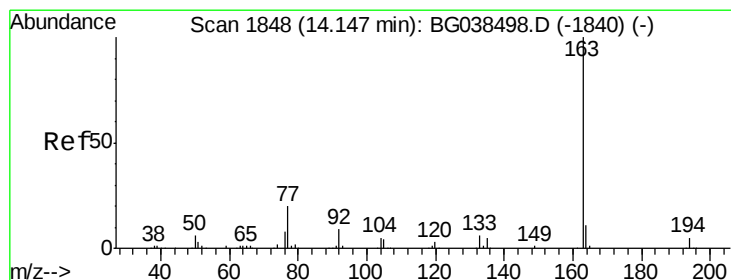
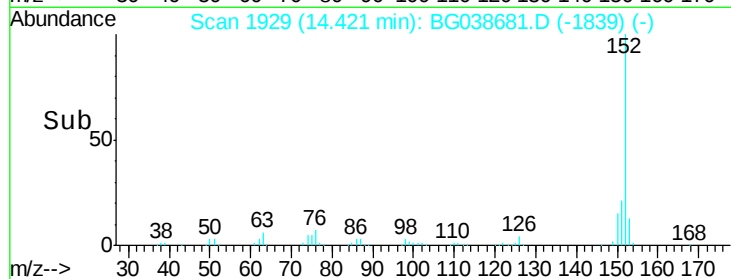
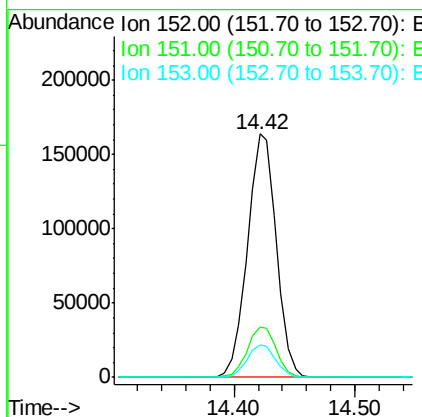
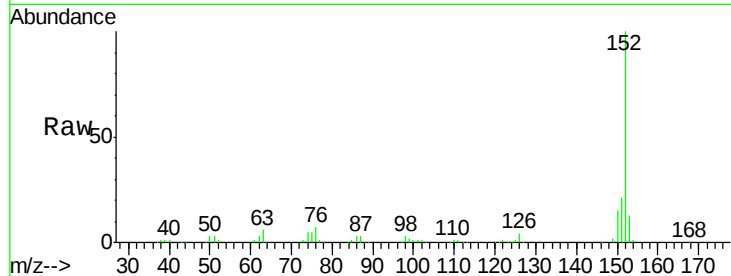
ClientSampleId :

TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.1	10.4	15.6

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#50

Dimethylphthalate

Concen: 51.196 ng

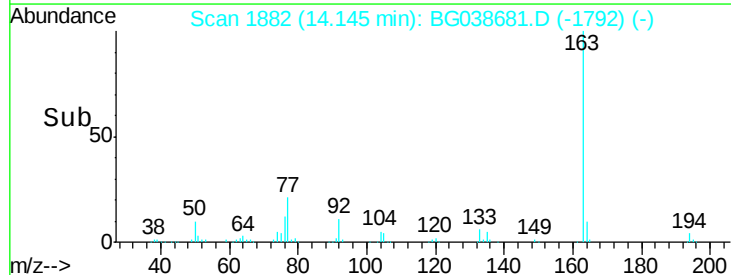
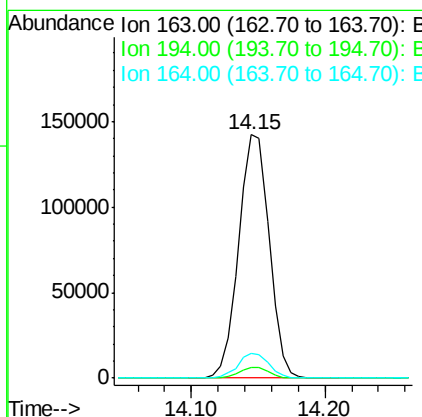
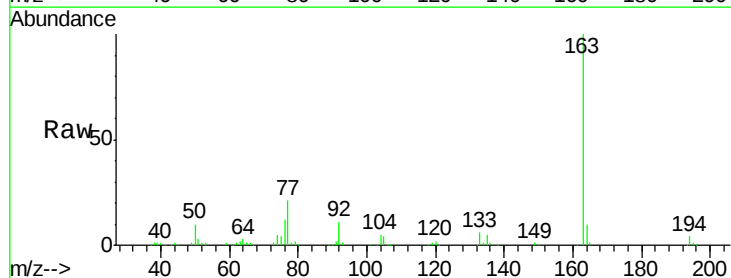
RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.2	8.6	12.8





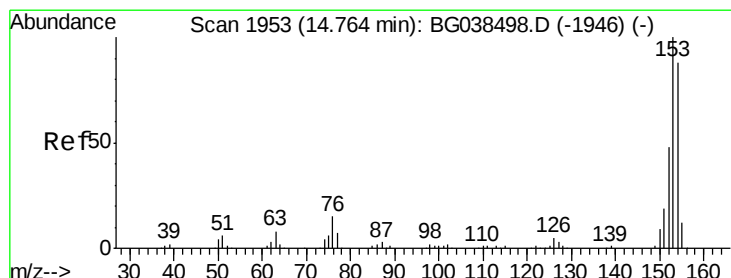
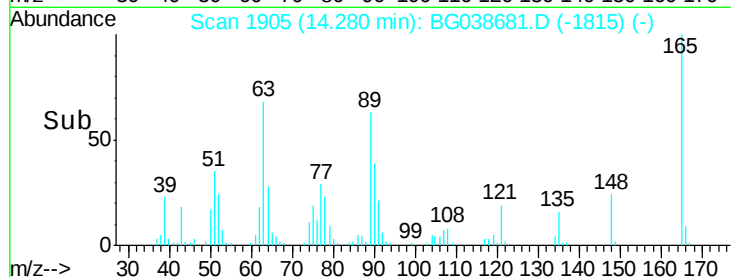
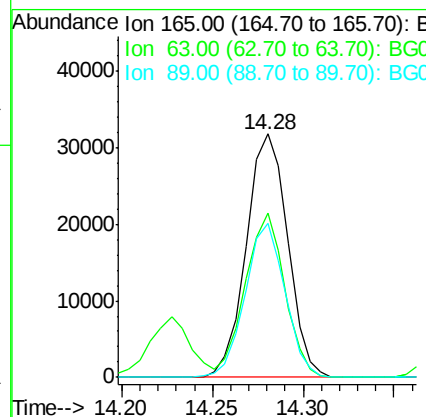
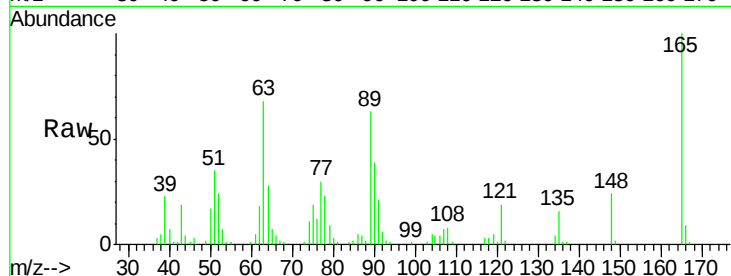
#51
 2,6-Dinitrotoluene
 Concen: 50.491 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.7	51.8	77.6
89	63.4	47.9	71.9

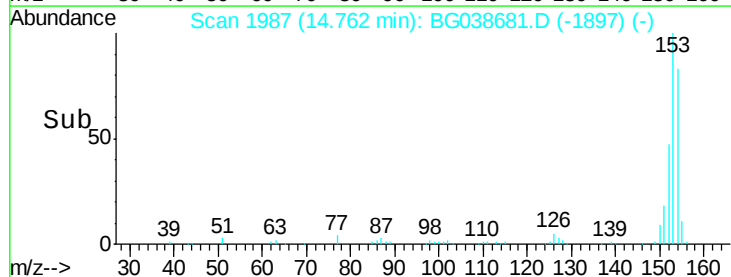
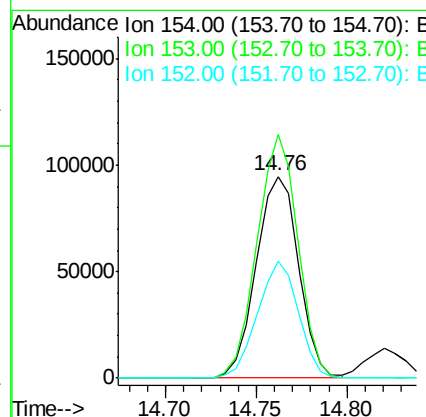
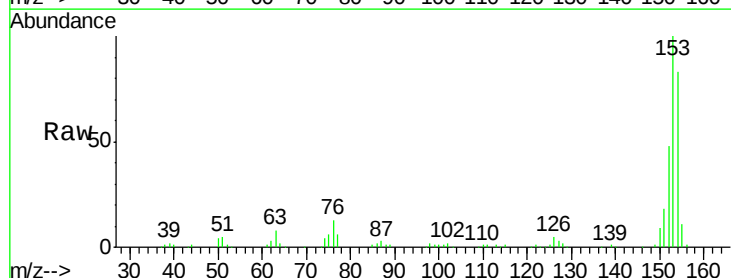
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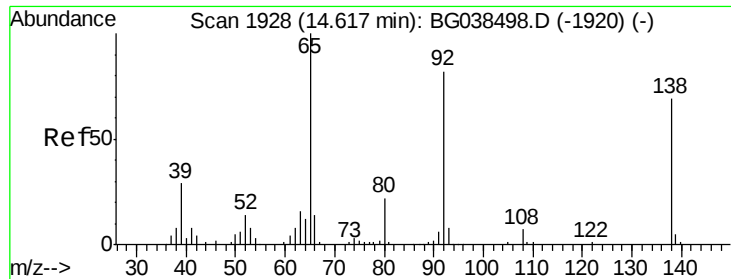
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#52
 Acenaphthene
 Concen: 49.487 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	120.7	90.6	136.0
152	58.2	43.5	65.3





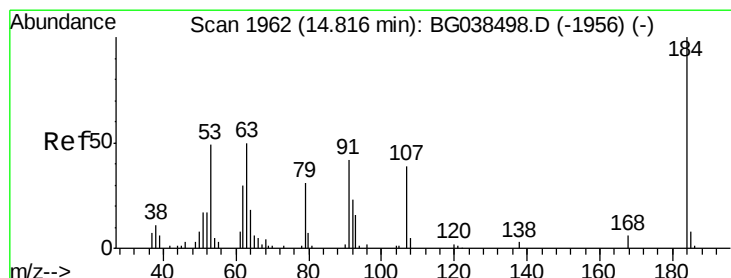
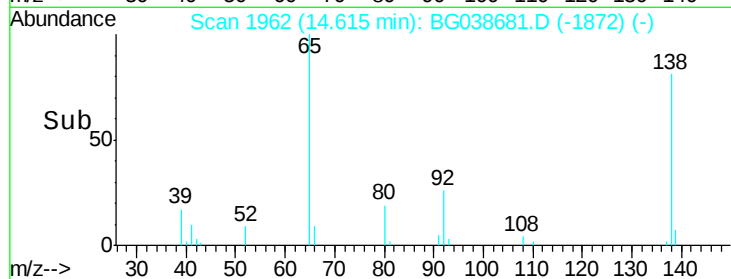
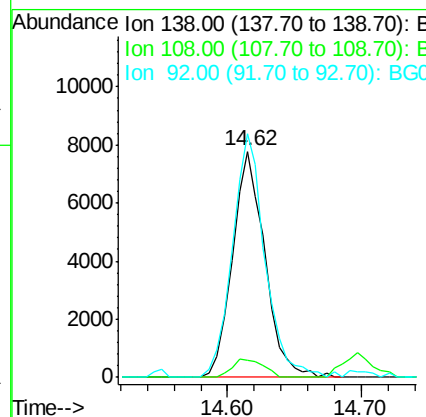
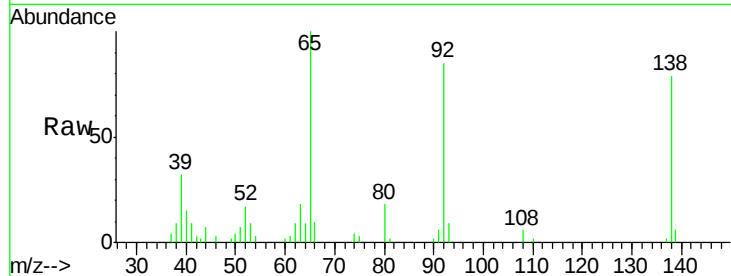
#53
3-Nitroaniline
Concen: 12.911 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion:138 Resp: 13109
Ion Ratio Lower Upper
138 100
108 7.5 7.9 11.9#
92 107.8 95.3 142.9

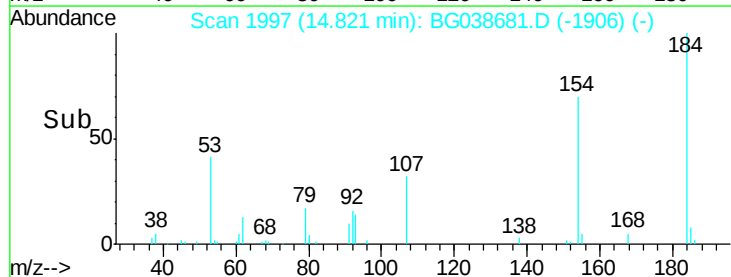
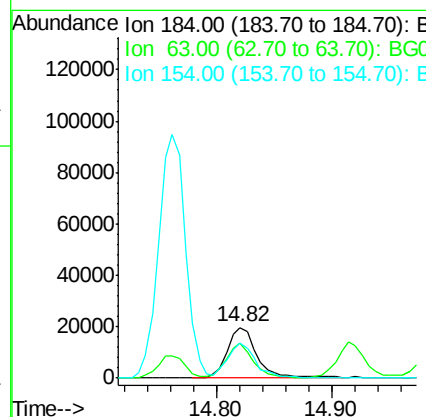
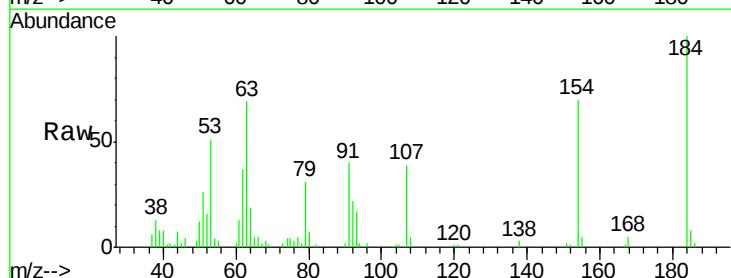
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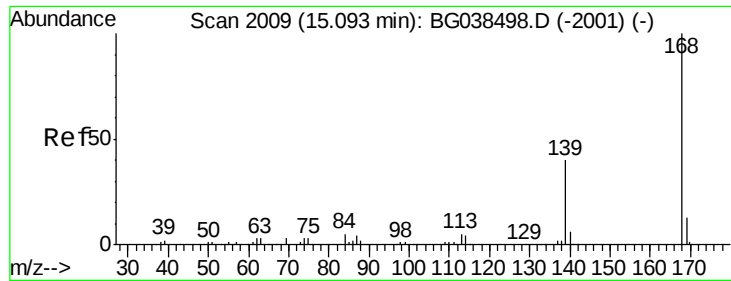
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#54
2,4-Dinitrophenol
Concen: 60.348 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion:184 Resp: 34958
Ion Ratio Lower Upper
184 100
63 68.5 47.0 70.6
154 69.8 50.3 75.5





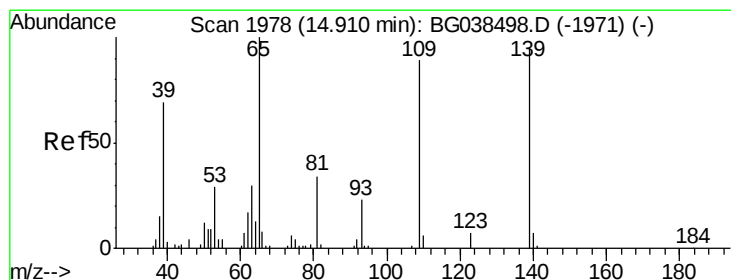
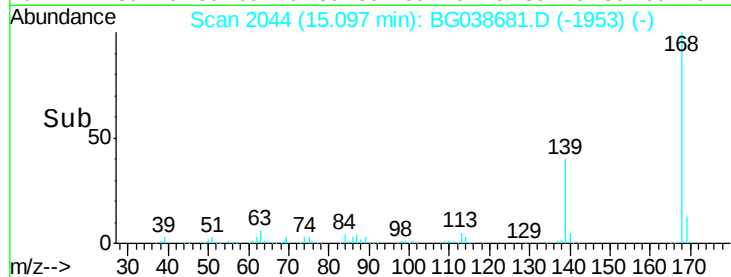
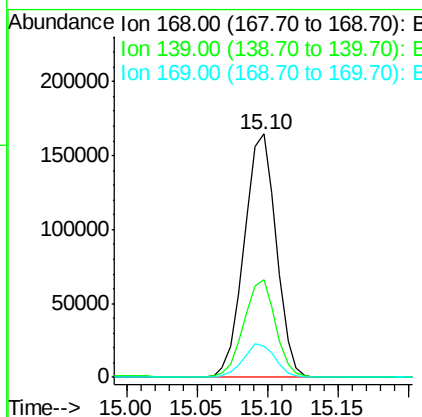
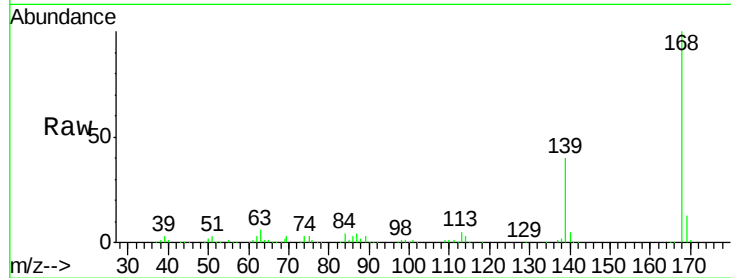
#55
Dibenzenofuran
Concen: 49.044 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	261923		
139	39.9	32.2	48.2	
169	12.9	10.6	16.0	

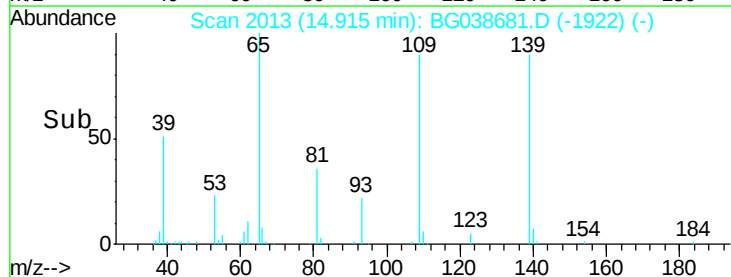
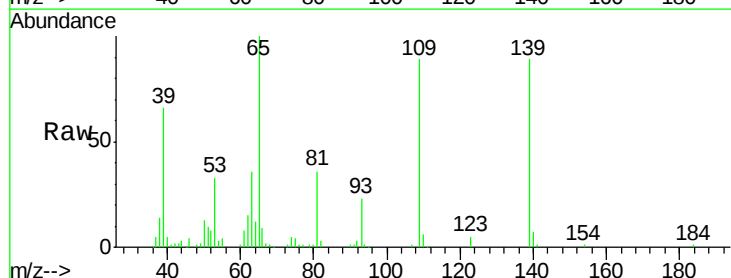
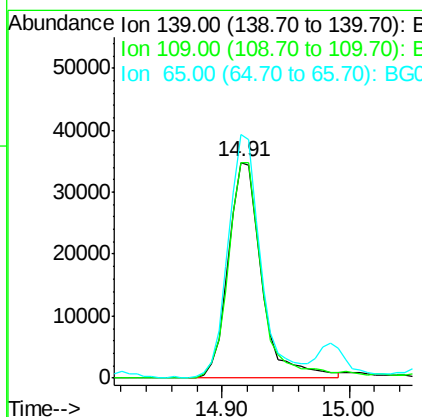
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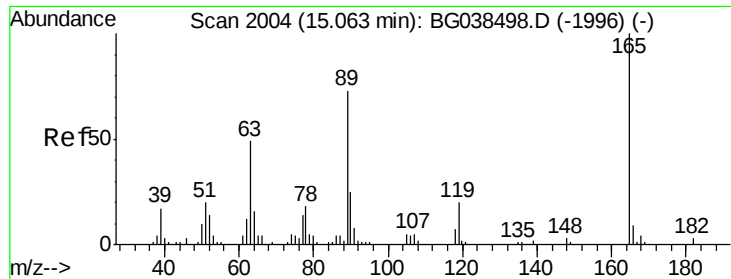
Sohil
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#56
4-Nitrophenol
Concen: 81.936 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	63112		
109	100.0	73.6	113.6	
65	112.9	84.8	124.8	





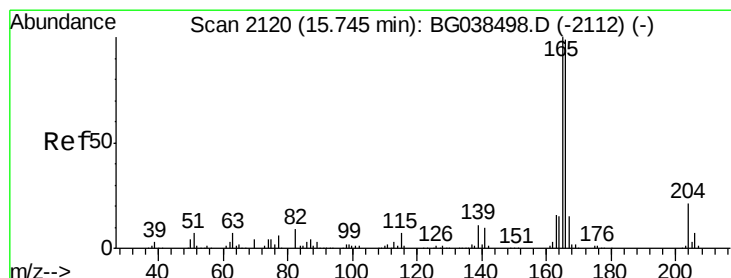
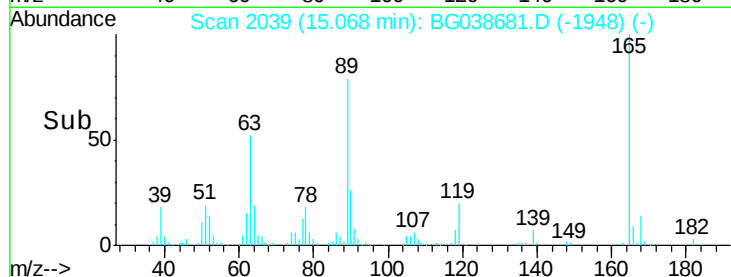
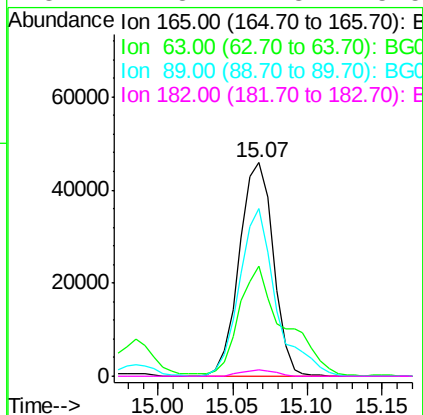
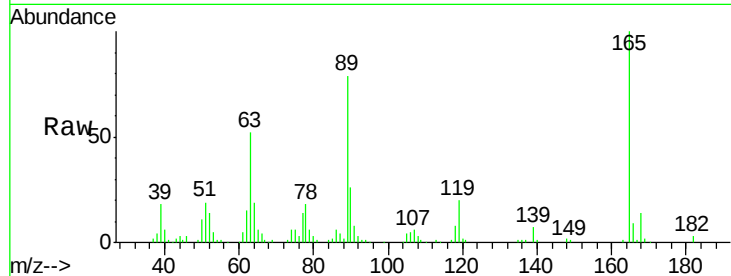
#57
2,4-Dinitrotoluene
Concen: 51.637 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	72440		
63	51.7	39.0	58.4	
89	78.6	58.0	87.0	
182	2.8	2.3	3.5	

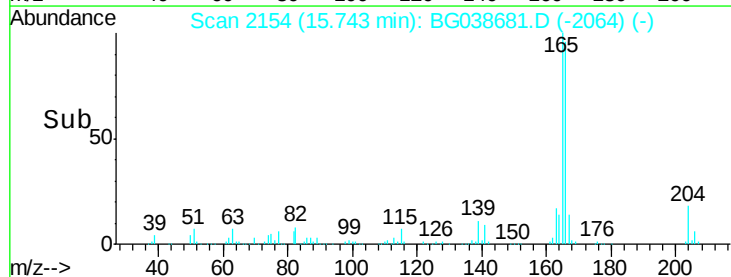
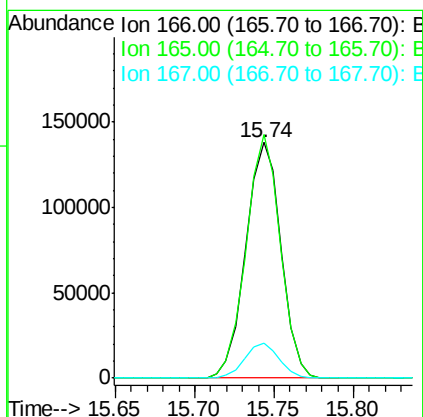
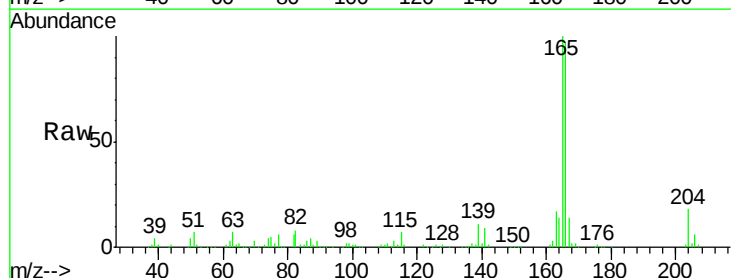
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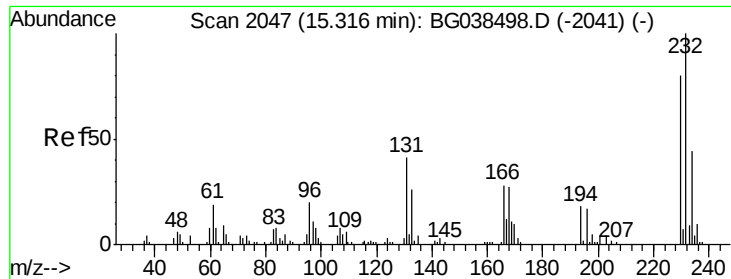
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#58
Fluorene
Concen: 53.748 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	212666		
165	103.3	80.6	120.8	
167	14.7	12.0	18.0	





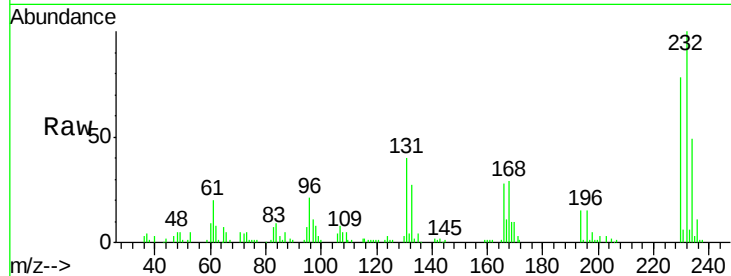
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.894 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

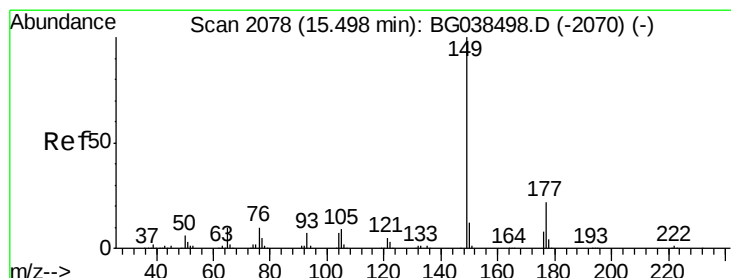
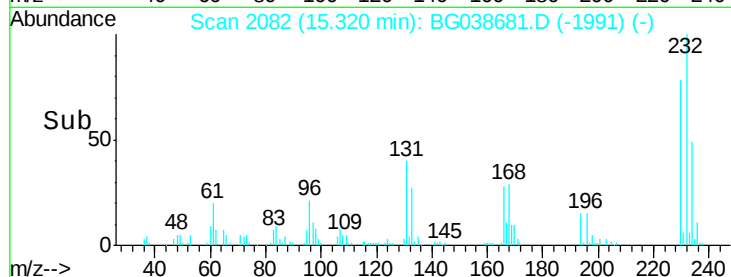
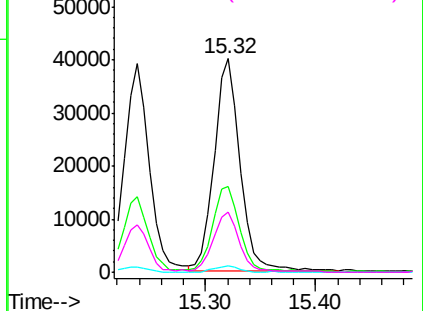
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	64682		
131	41.3	33.0	49.4	
130	2.6	2.0	3.0	
166	27.3	23.1	34.7	

Manual Integrations
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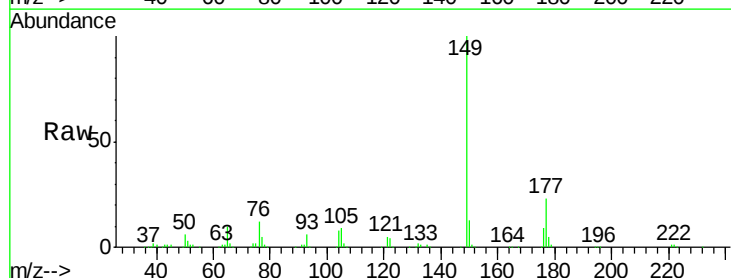


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

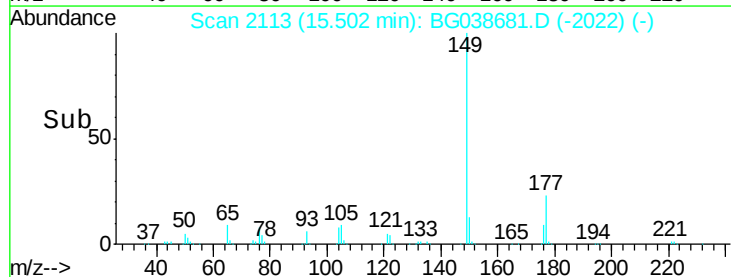
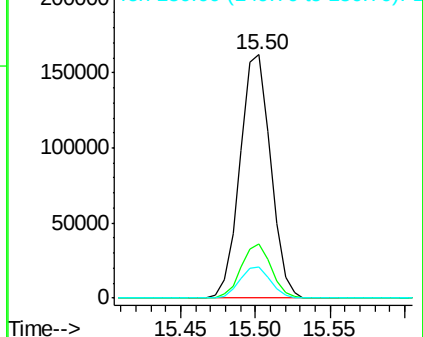


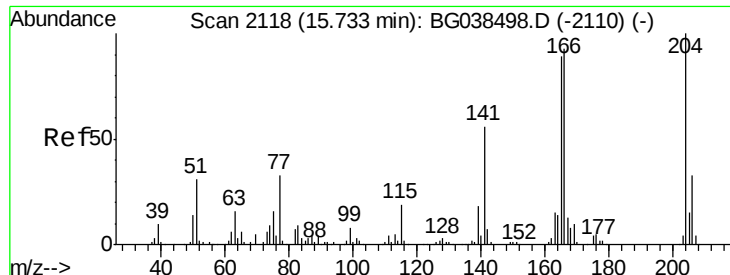
#60
Diethylphthalate
Concen: 47.794 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	230607		
177	22.5	17.7	26.5	
150	12.6	9.9	14.9	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





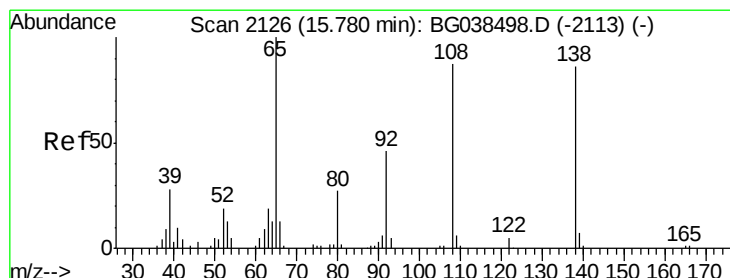
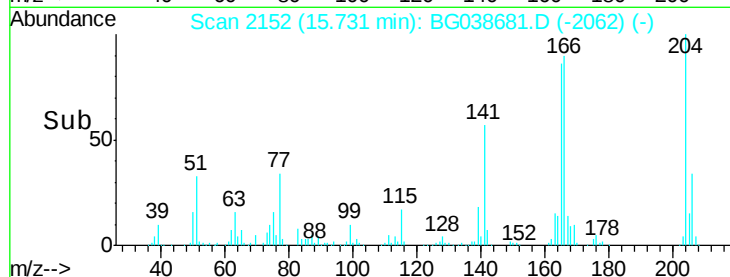
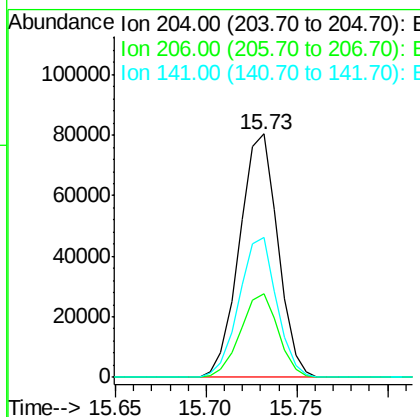
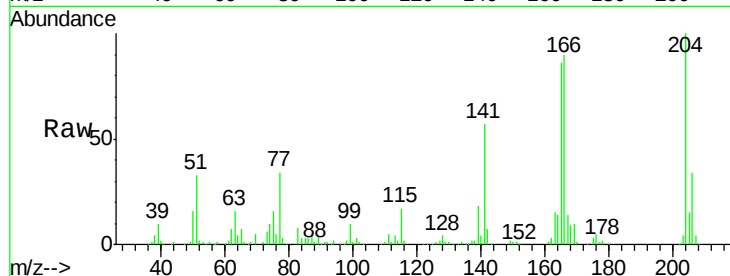
#61
4-Chlorophenyl-phenylether
Concen: 47.802 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampled :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.0	39.0
141	57.3	44.4	66.6

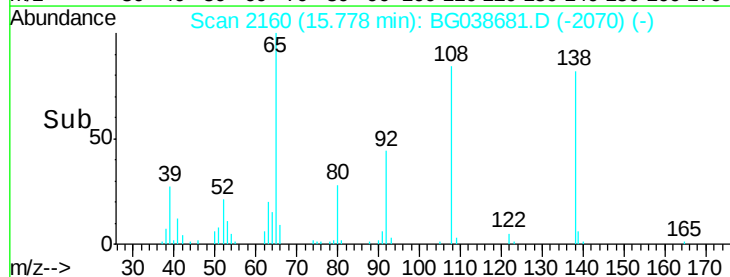
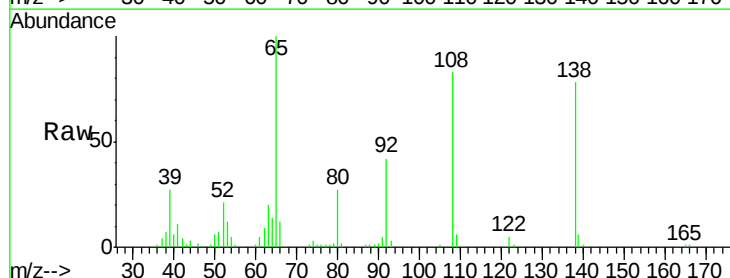
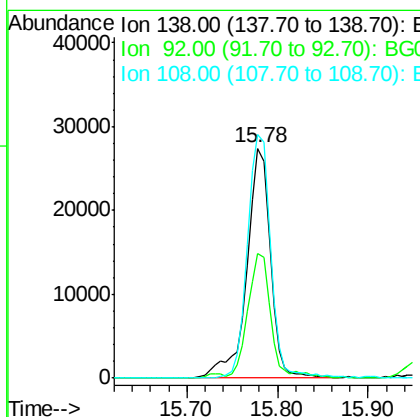
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#62
4-Nitroaniline
Concen: 47.656 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	33.3	73.3
108	106.0	81.4	121.4





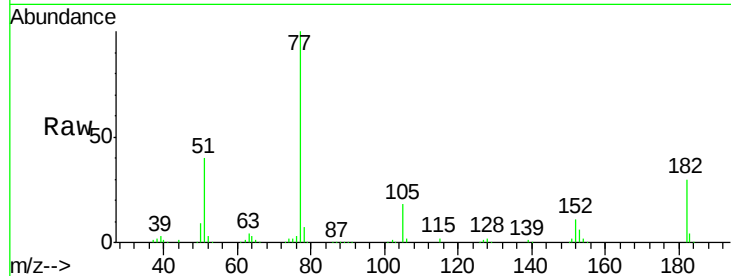
#63
Azobenzene
Concen: 49.651 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		200131		
182	29.7	8.7	48.7		
105	18.3	0.0	38.7		
51	39.9	16.6	56.6		

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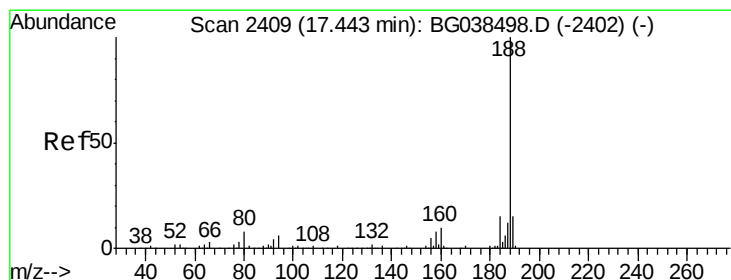
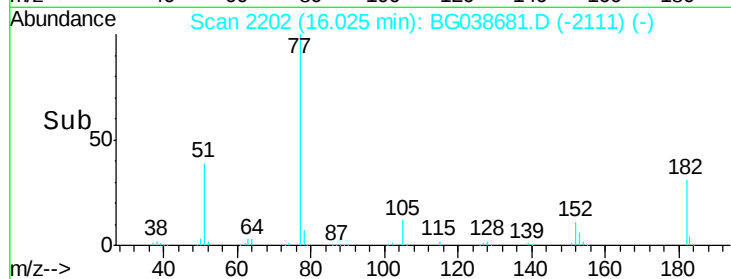
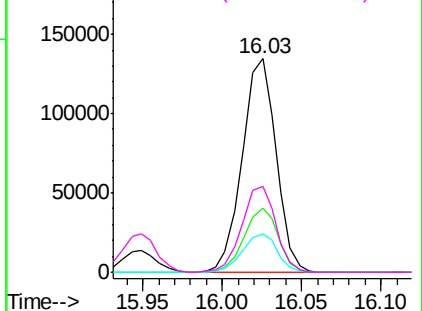
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

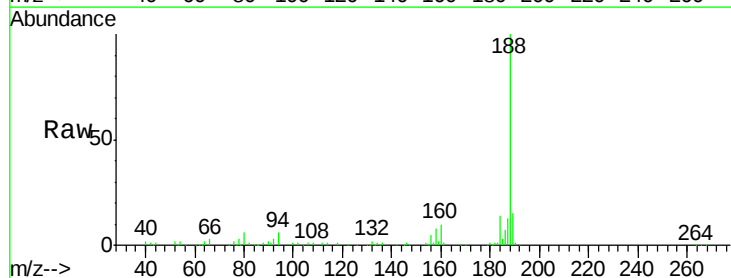
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		137905		
94	5.9	5.1	7.7		
80	6.2	6.1	9.1		

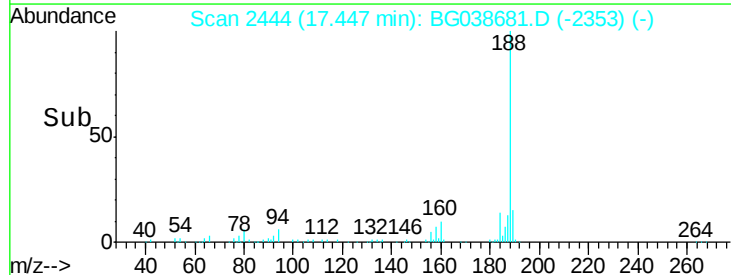
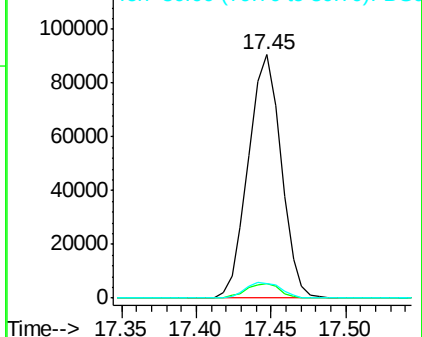


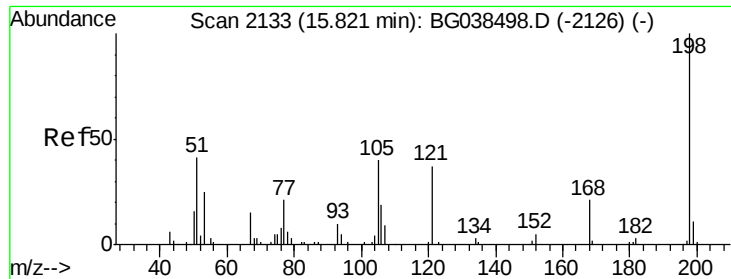
Abundance

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





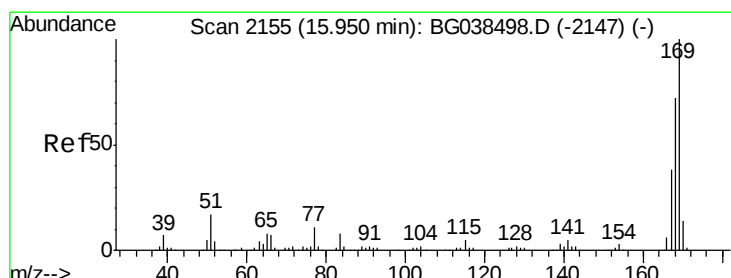
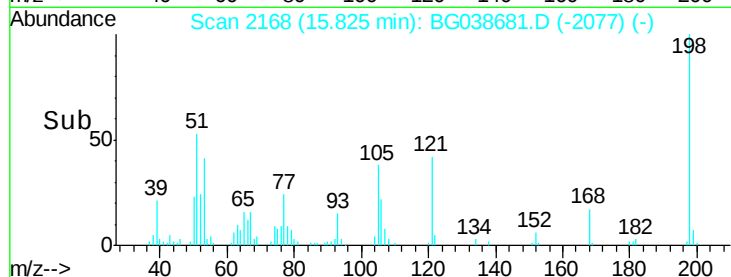
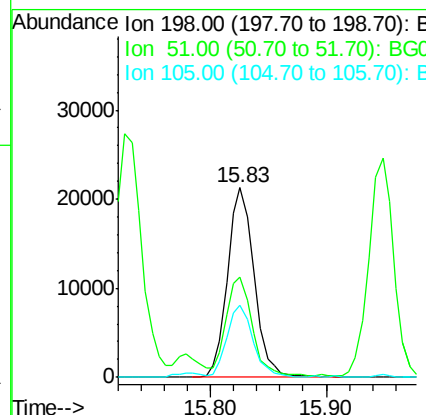
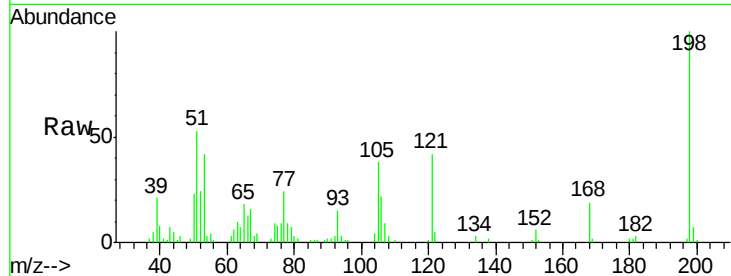
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.627 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34064		
51	52.8	28.6	68.6	
105	38.1	20.4	60.4	

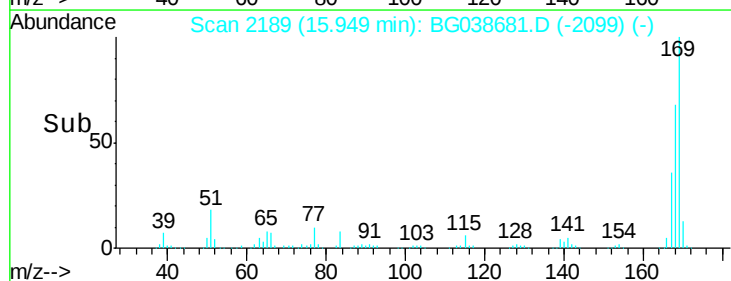
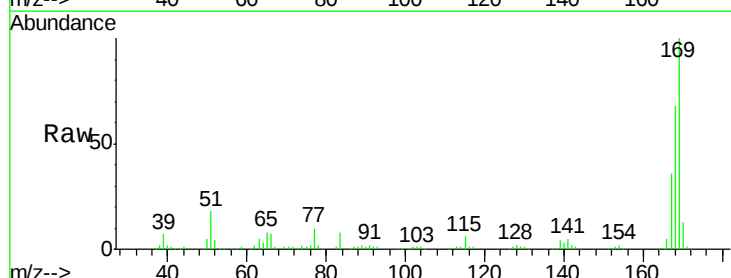
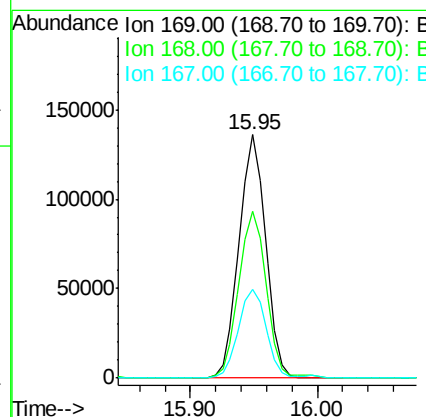
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#66
 n-Nitrosodiphenylamine
 Concen: 48.676 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	197233		
168	68.4	57.5	86.3	
167	36.4	30.2	45.2	





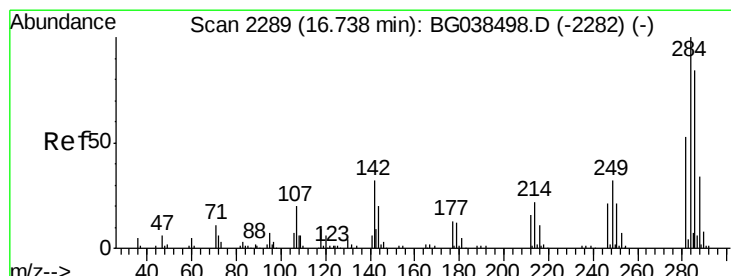
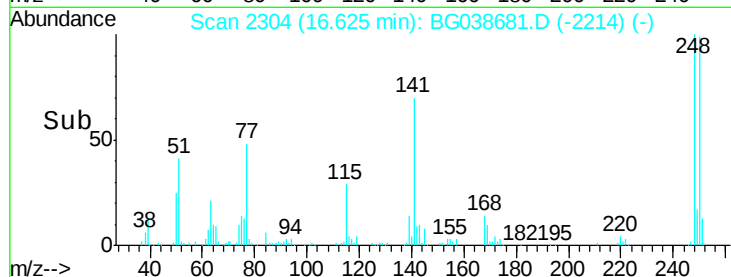
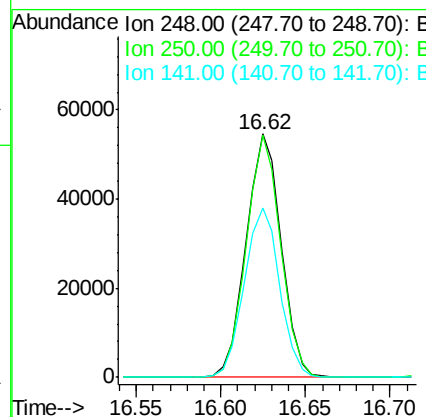
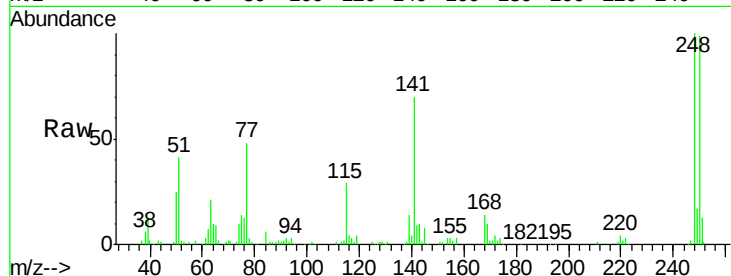
#67
 4-Bromophenyl-phenylether
 Concen: 46.830 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	73.4	110.2
141	69.6	52.9	79.3

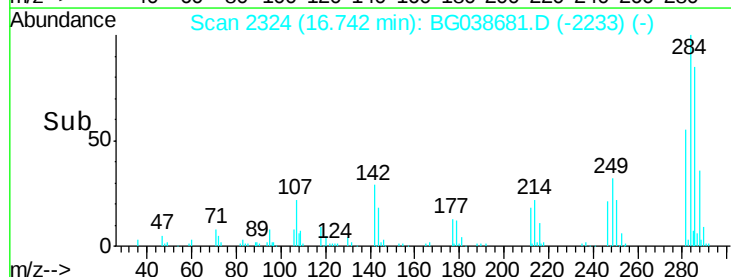
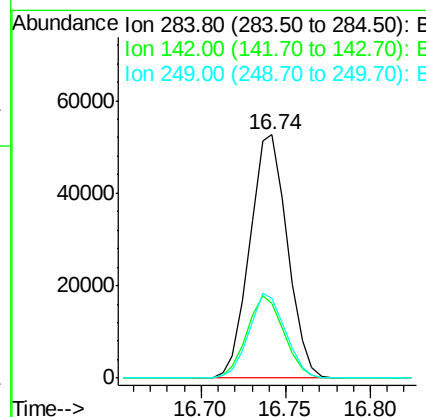
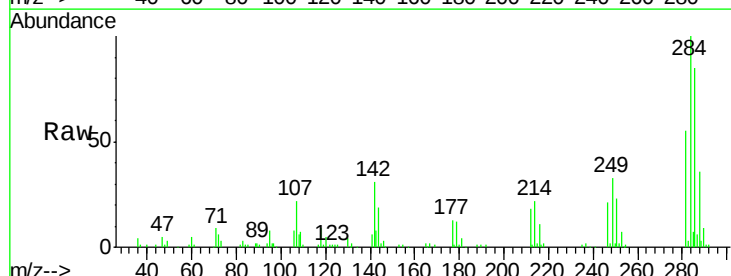
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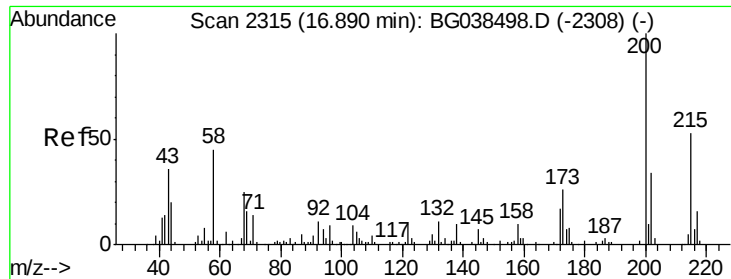
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#68
 Hexachlorobenzene
 Concen: 46.766 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.8	38.6
249	35.0	27.0	40.4





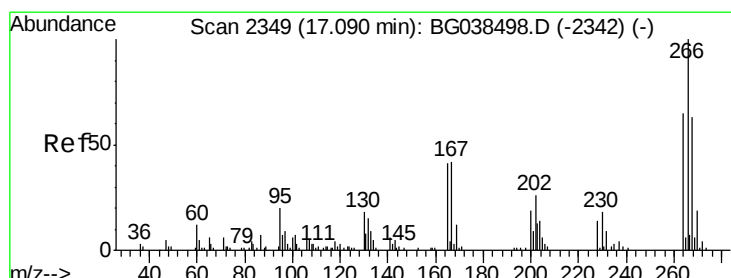
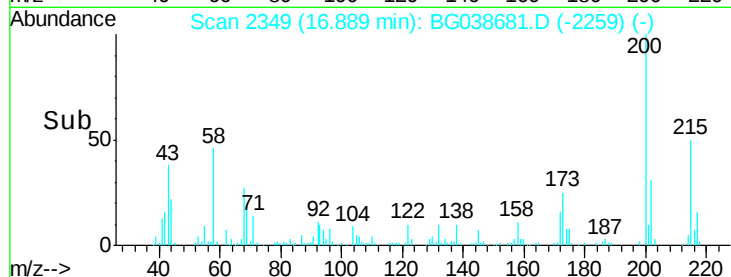
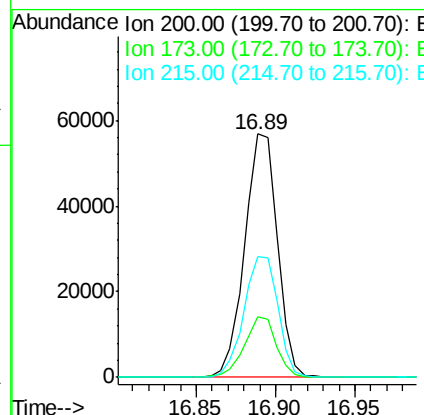
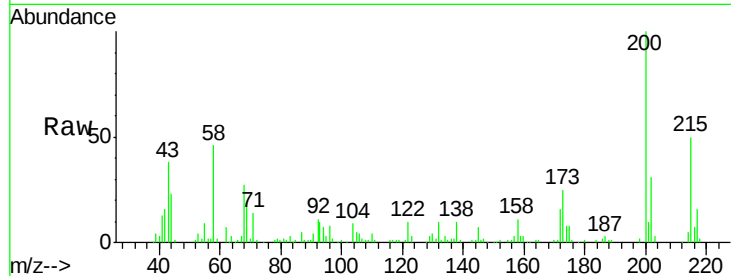
#69
 Atrazine
 Concen: 54.257 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	5.9	45.9
215	49.8	33.1	73.1

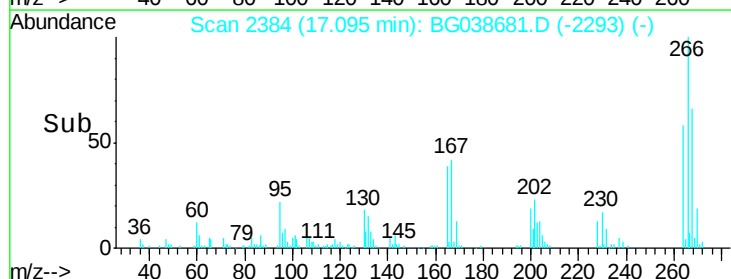
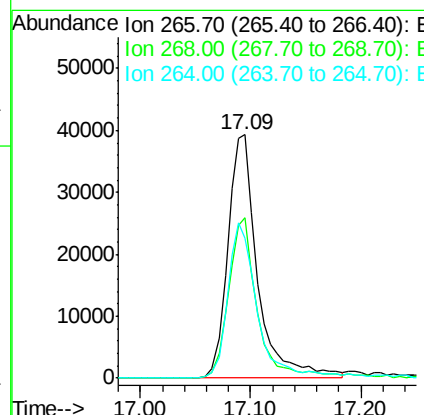
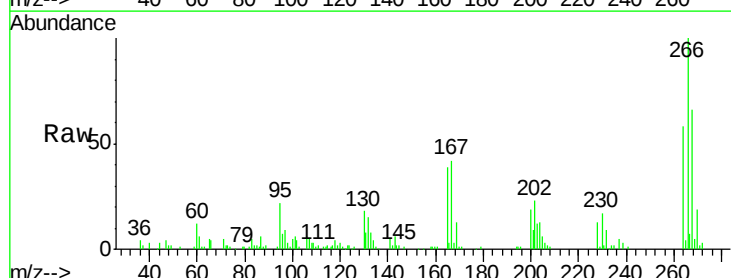
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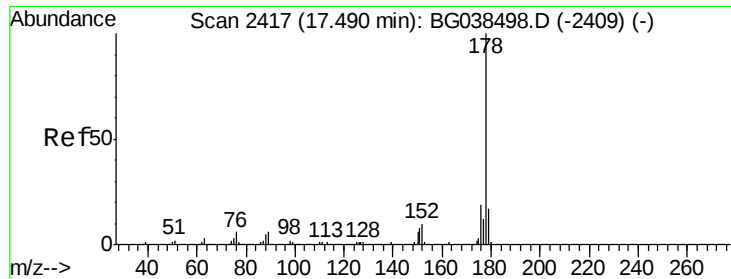
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#70
 Pentachlorophenol
 Concen: 71.743 ng
 RT: 17.09 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	70.8	55.0	82.6
264	62.0	56.7	85.1





#71

Phenanthrene

Concen: 51.919 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

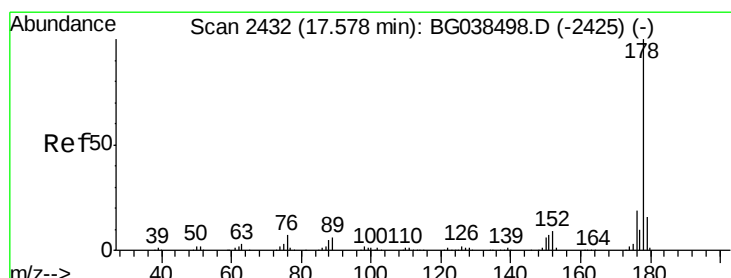
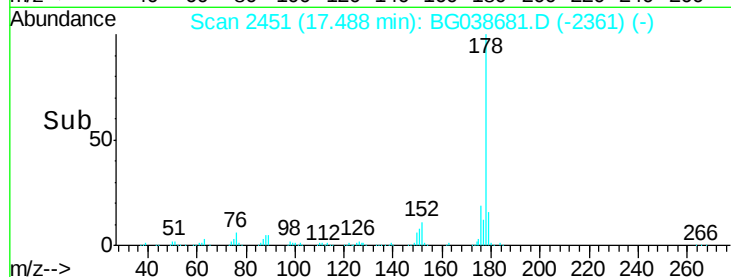
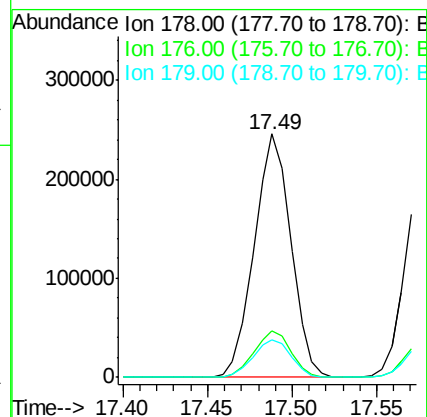
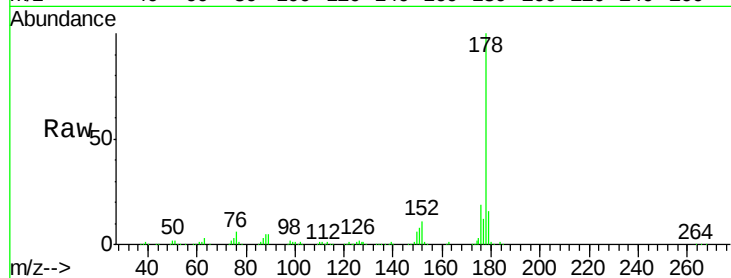
ClientSampleId :

TP-1-BMSD

Tgt Ion:	178	Resp:	371290
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.1	22.7
179	15.6	13.2	19.8

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#72

Anthracene

Concen: 53.462 ng

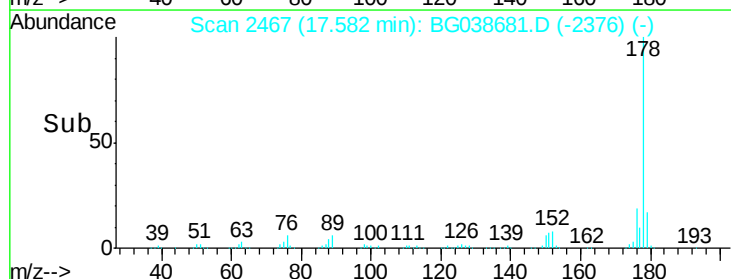
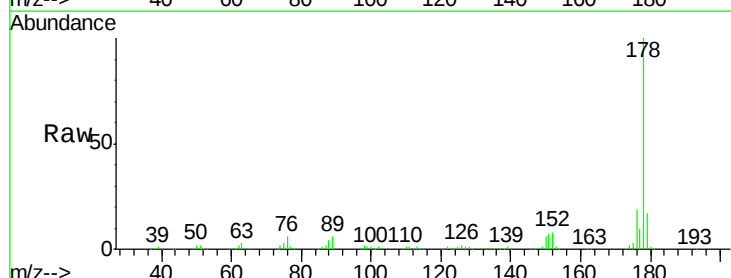
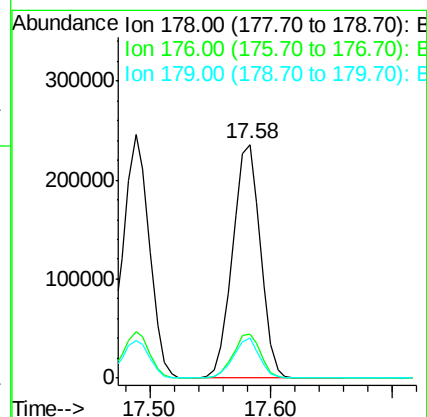
RT: 17.58 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	178	Resp:	377431
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.1	22.7
179	16.9	12.9	19.3





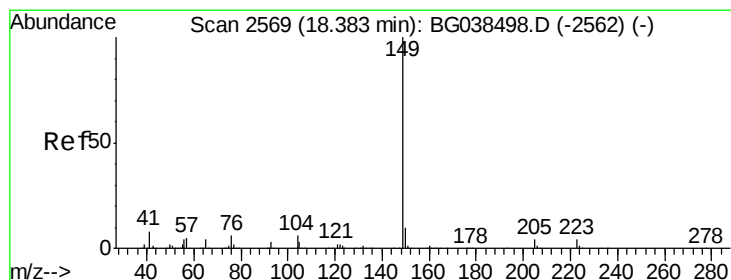
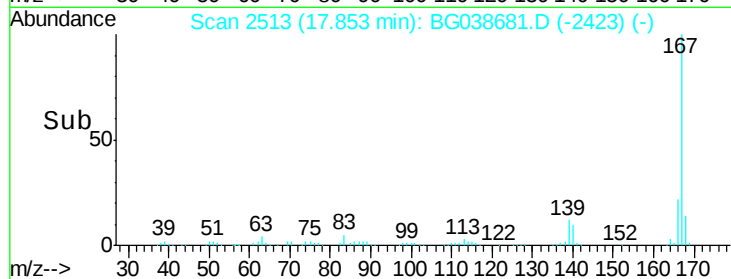
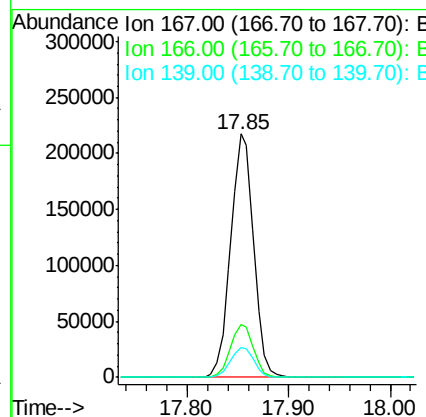
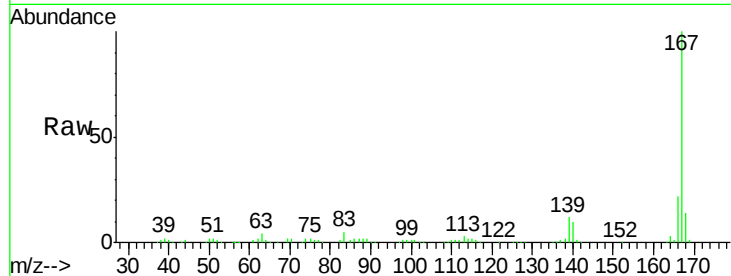
#73
 Carbazole
 Concen: 48.736 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	340274		
166	21.7	17.9	26.9	
139	12.2	10.2	15.2	

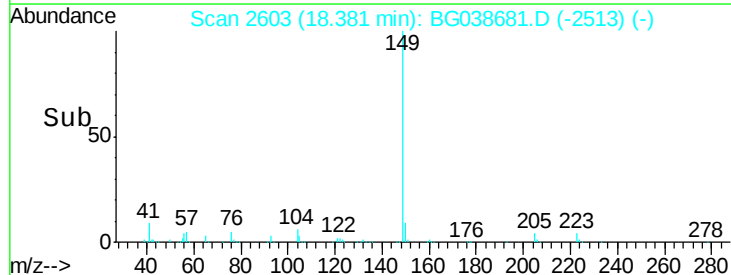
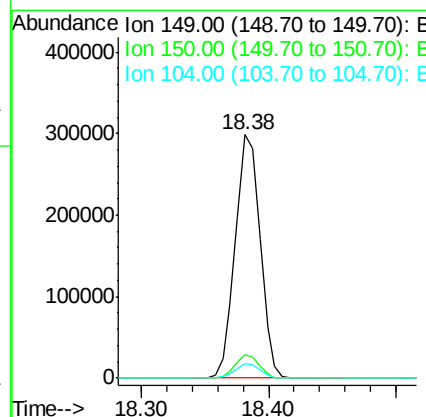
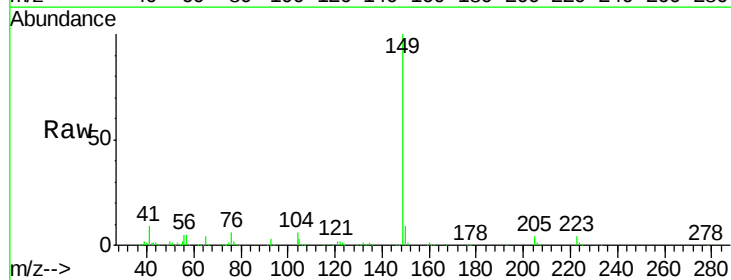
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#74
 Di-n-butylphthalate
 Concen: 50.370 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038681.D
 Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	403541		
150	9.4	7.6	11.4	
104	6.2	5.0	7.4	





#75

Fluoranthene

Concen: 52.747 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

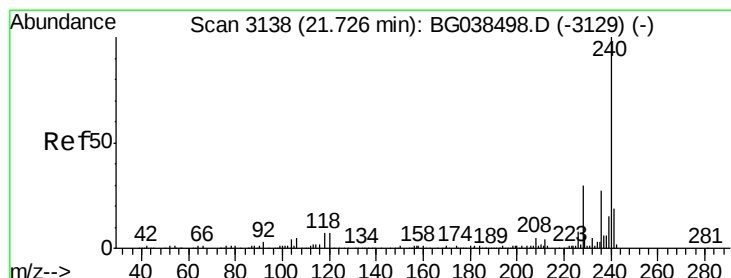
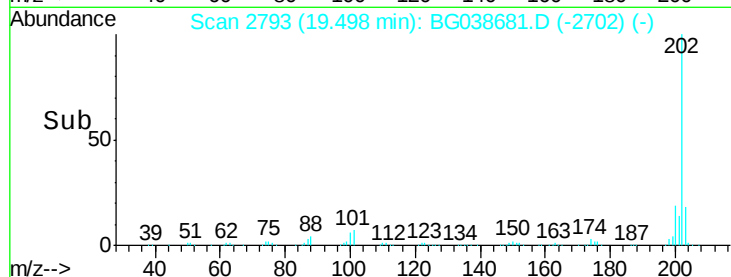
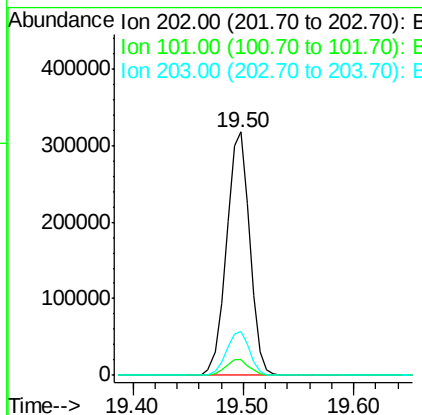
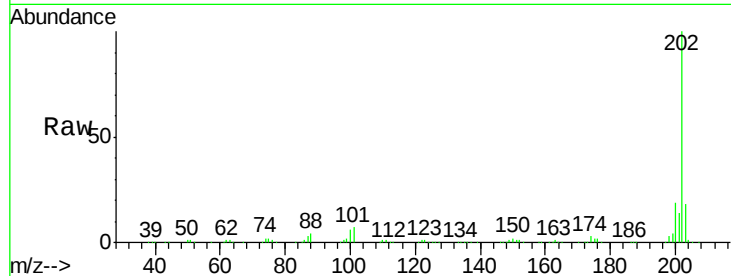
ClientSampleId :

TP-1-BMSD

Tgt	Ion	202	Resp:	466714
Ion	Ratio	Lower	Upper	
202	100			
101	6.7	0.0	28.1	
203	17.9	0.0	39.0	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

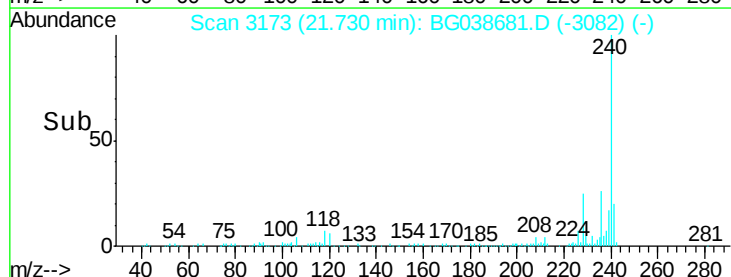
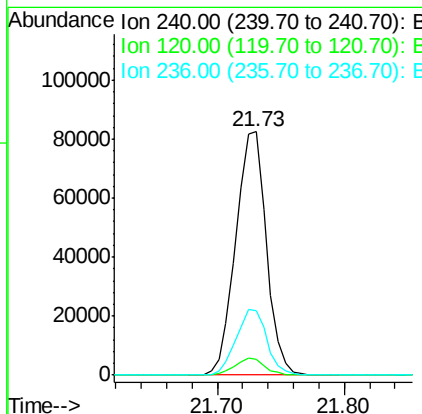
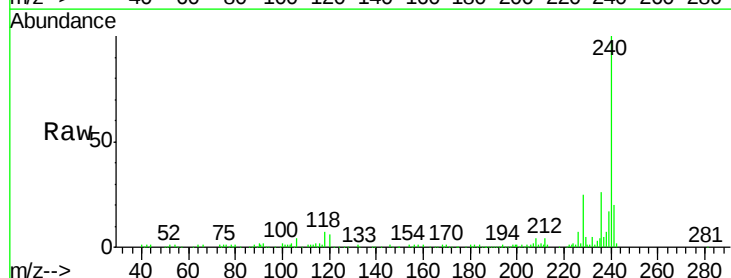
RT: 21.73 min Scan# 3173

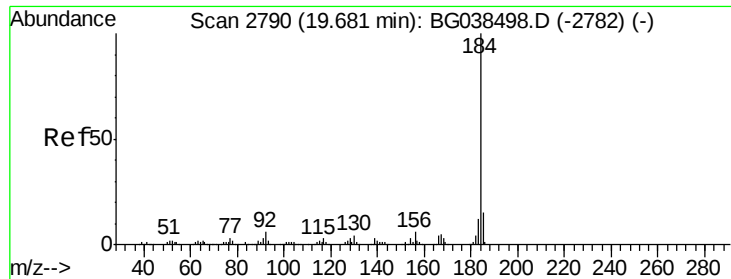
Delta R.T. 0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt	Ion	240	Resp:	137726
Ion	Ratio	Lower	Upper	
240	100			
120	6.3	5.3	7.9	
236	26.2	21.4	32.2	





#77

Benzidine

Concen: 18.506 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

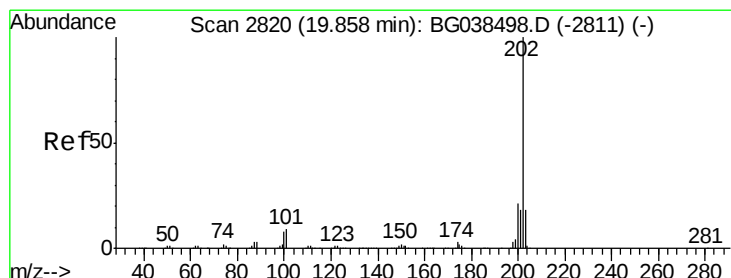
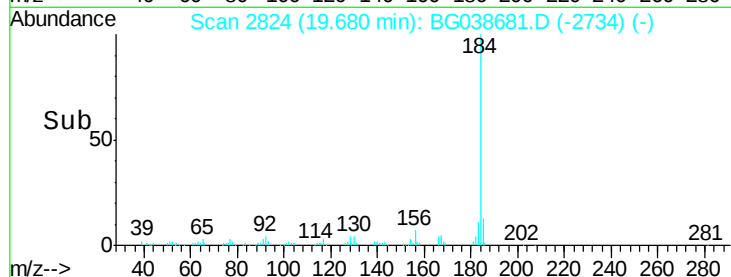
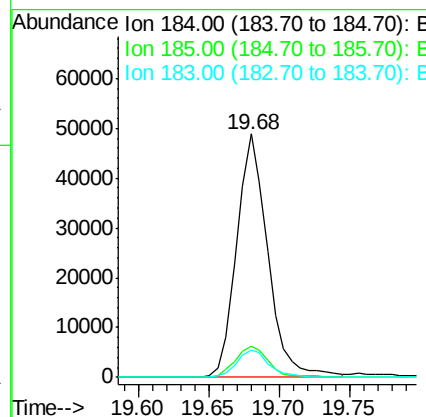
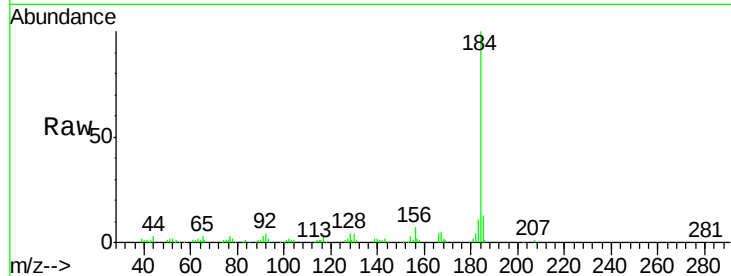
ClientSampleId :

TP-1-BMSD

Tgt Ion:	184	Resp:	75379
Ion Ratio	Lower	Upper	
184	100		
185	12.6	12.2	18.2
183	11.3	9.6	14.4

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#78

Pyrene

Concen: 51.284 ng

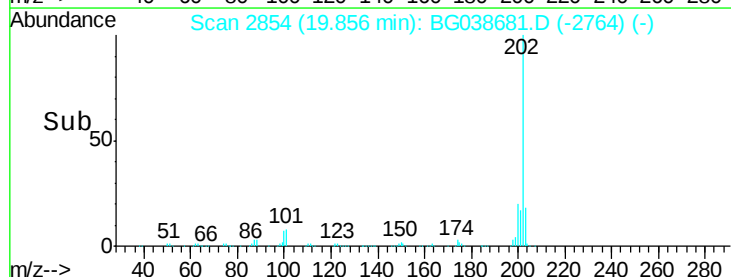
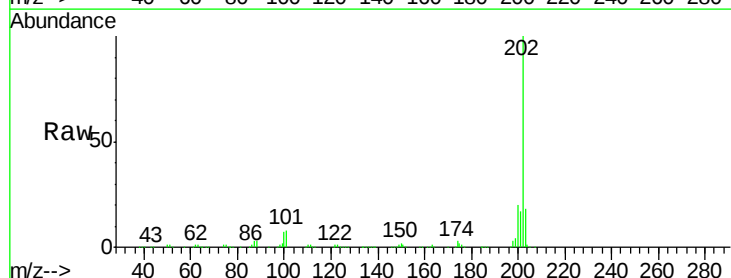
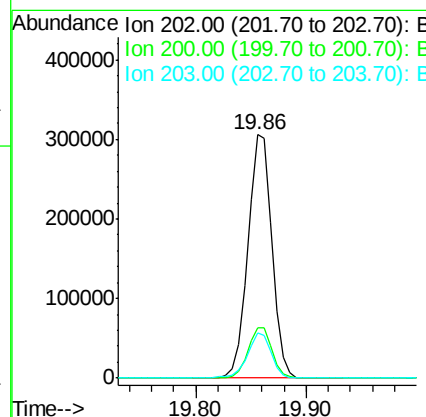
RT: 19.86 min Scan# 2854

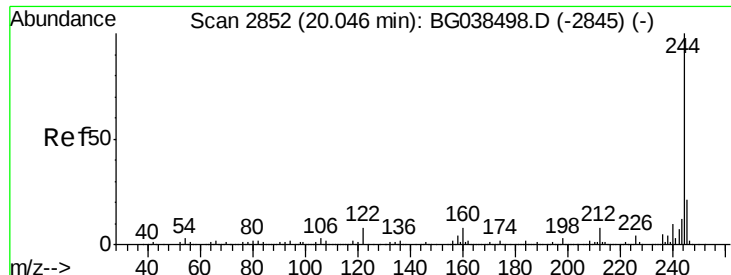
Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	202	Resp:	466608
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.6	25.0
203	18.5	14.6	21.8





#79

Terphenyl-d14

Concen: 113.614 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

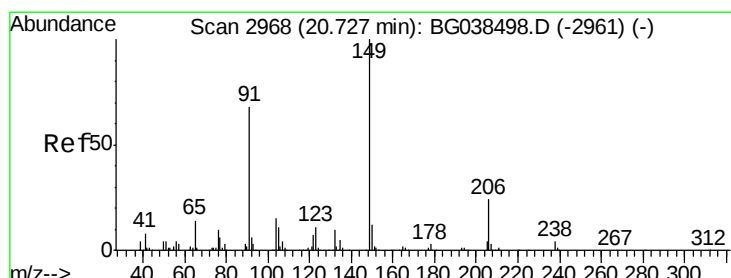
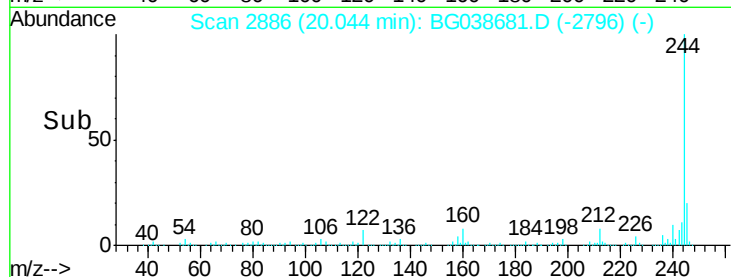
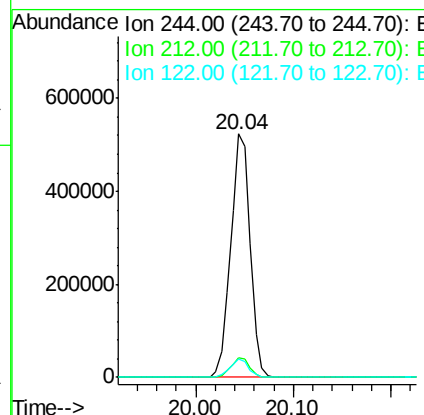
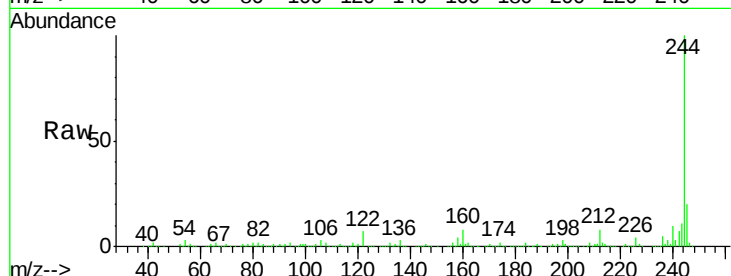
ClientSampleId :

TP-1-BMSD

Tgt Ion:	244	Resp:	718989
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.2	9.2
122	7.4	6.3	9.5

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#80

Butylbenzylphthalate

Concen: 50.810 ng

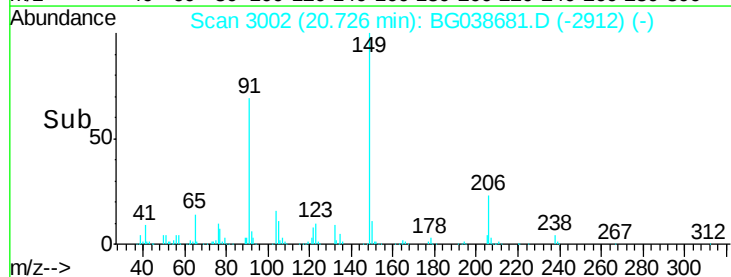
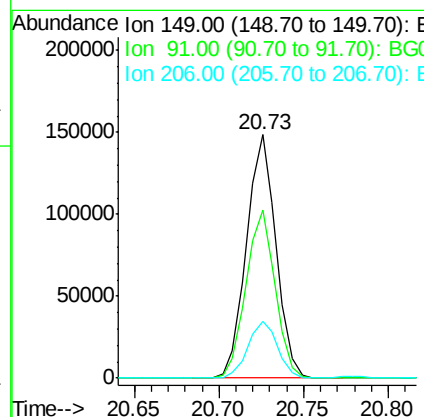
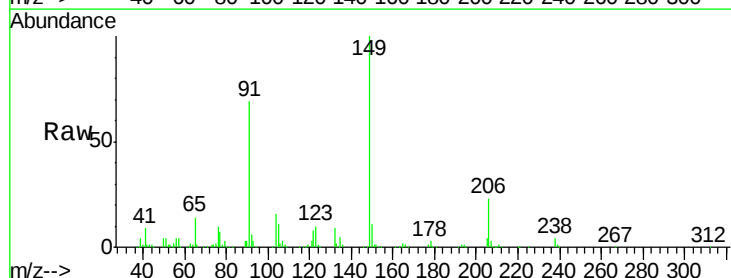
RT: 20.73 min Scan# 3002

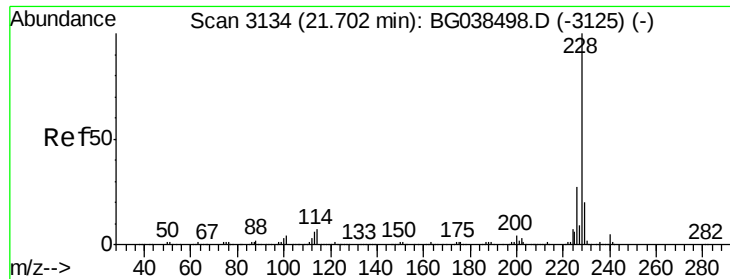
Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	149	Resp:	180616
Ion Ratio	Lower	Upper	
149	100		
91	69.1	54.5	81.7
206	23.4	19.0	28.6





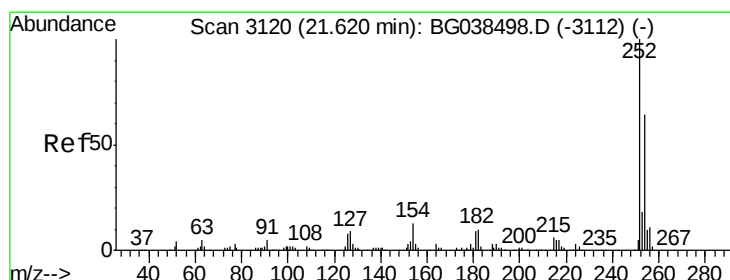
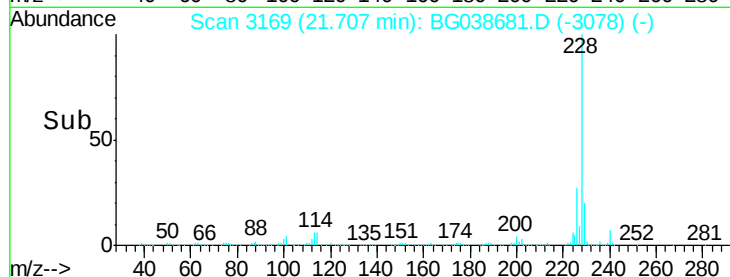
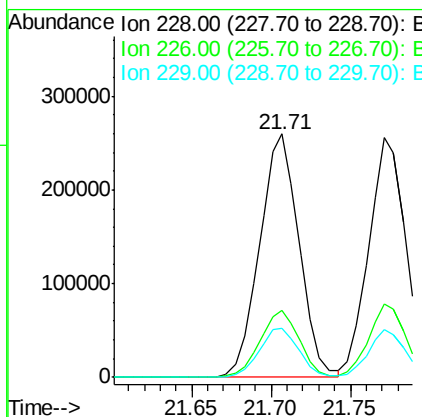
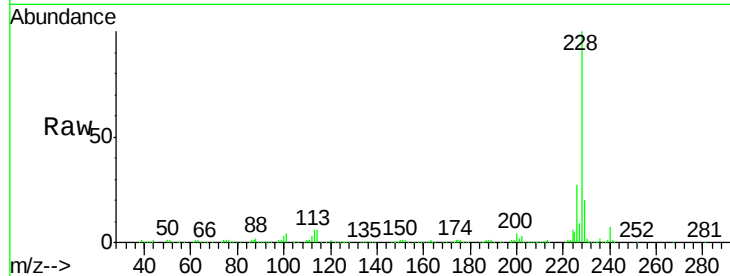
#81
Benzo(a)anthracene
Concen: 53.273 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.9	15.8	23.6

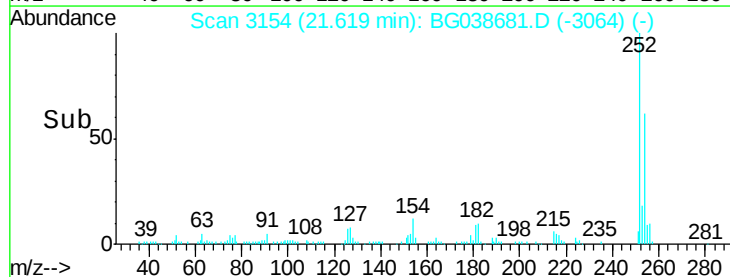
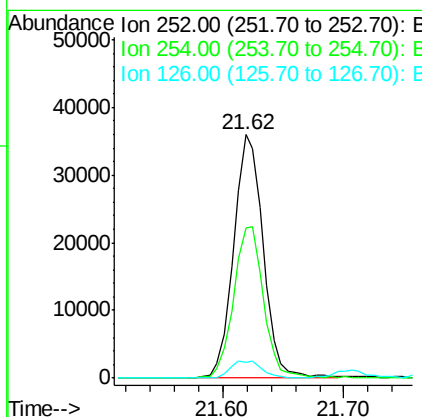
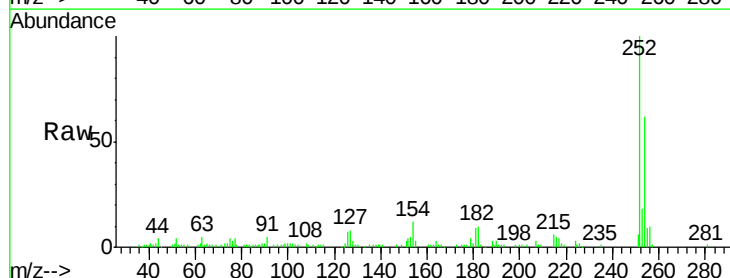
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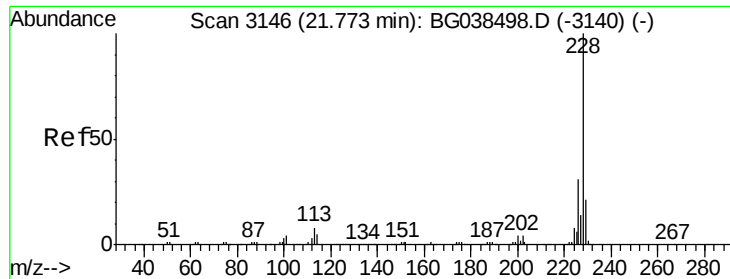
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#82
3,3'-Dichlorobenzidine
Concen: 18.453 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.9	76.3
126	6.7	6.3	9.5





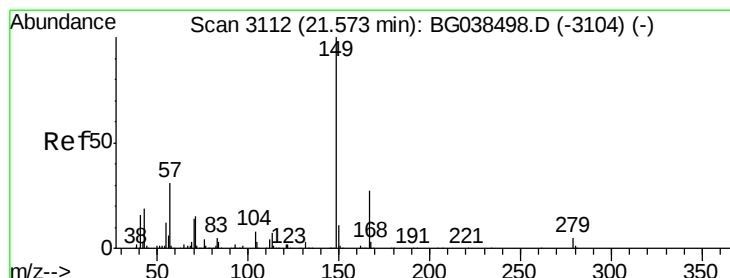
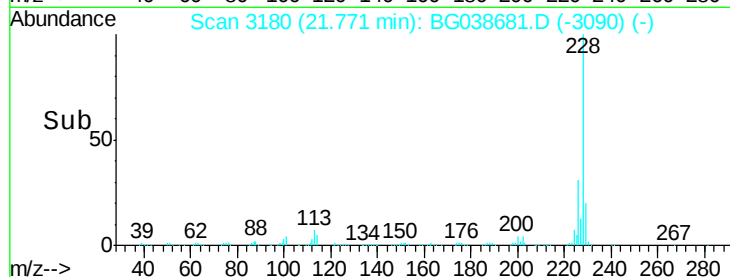
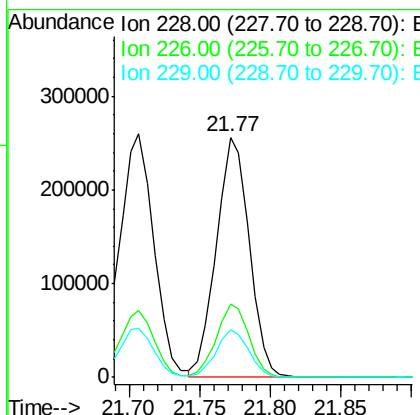
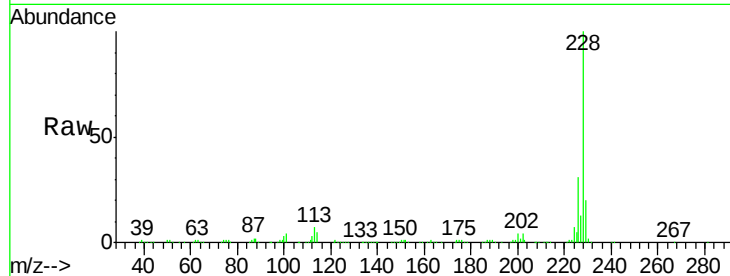
#83
Chrysene
Concen: 51.301 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	19.8	16.5	24.7

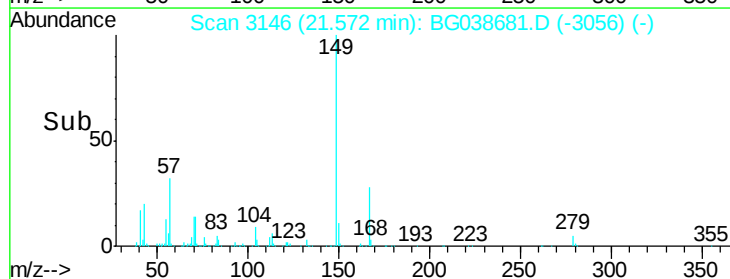
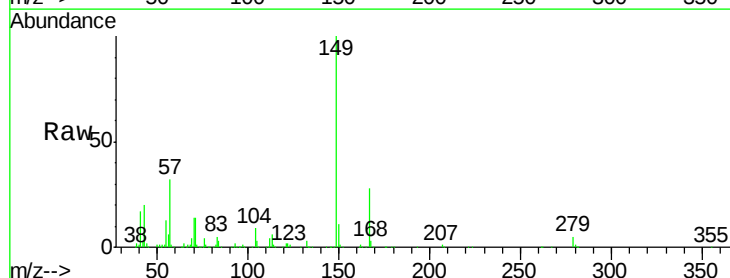
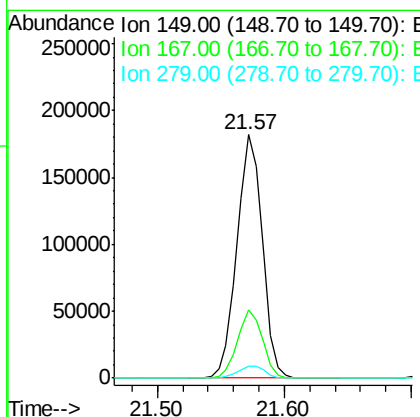
Manual Integrations
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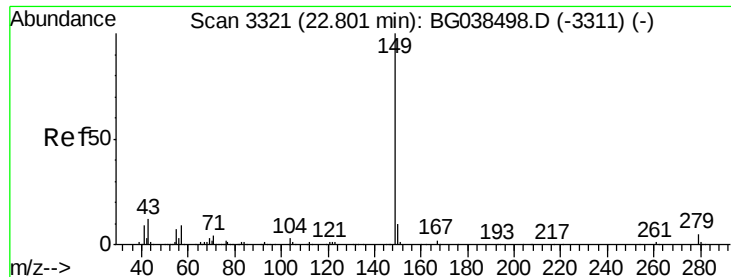
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.709 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.9	32.9
279	4.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 50.547 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Instrument :

BNA_G

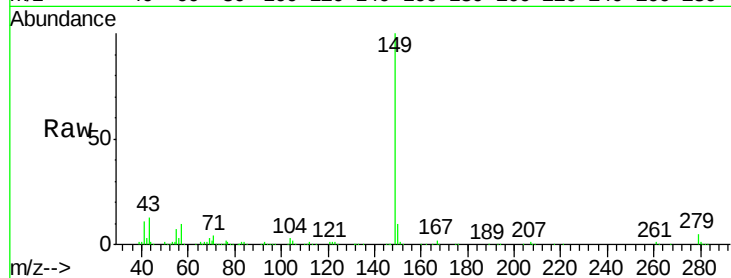
ClientSampleId :

TP-1-BMSD

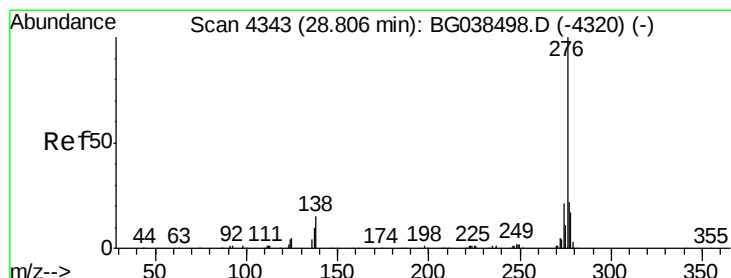
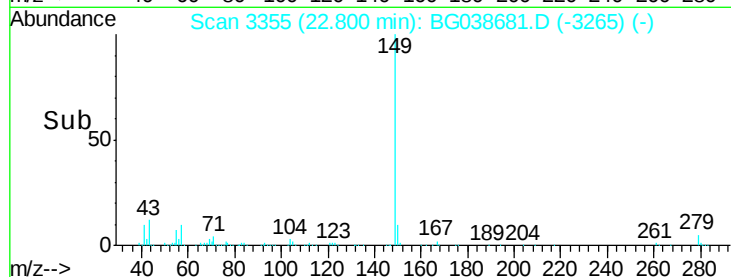
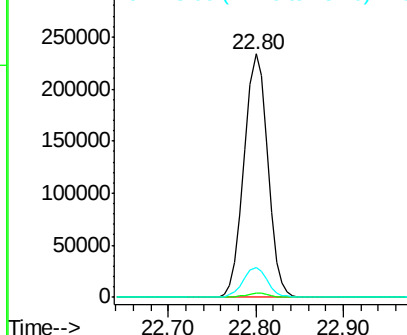
Tgt Ion:	149	Resp:	426788
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.2	1.8
43	12.2	9.3	13.9

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.118 ng

RT: 28.81 min Scan# 4378

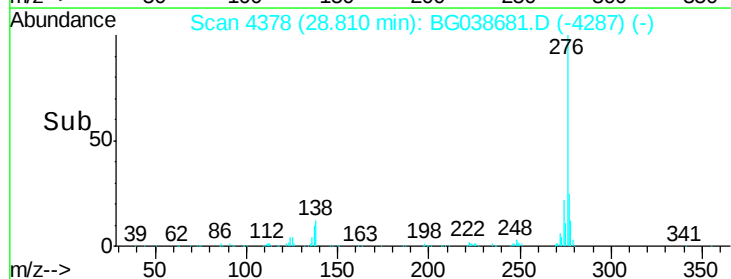
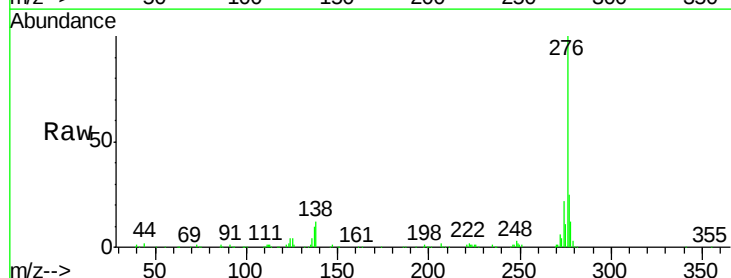
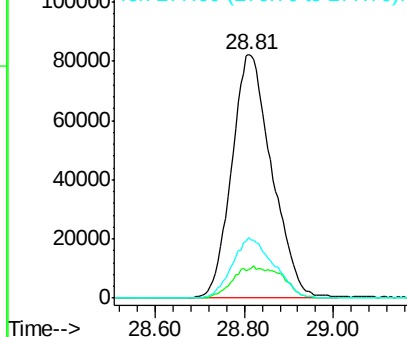
Delta R.T. 0.00 min

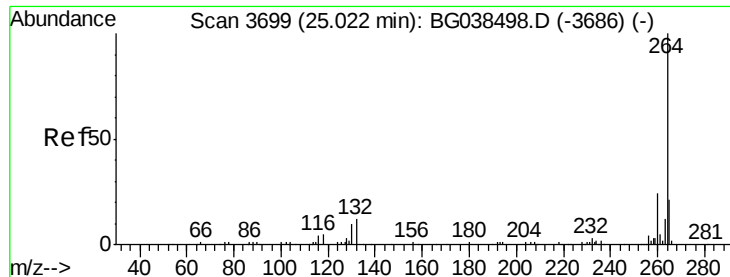
Lab File: BG038681.D

Acq: 18 Dec 2018 3:36

Tgt Ion:	276	Resp:	514308
Ion Ratio		Lower	Upper
276	100		
138	5.1	14.4	21.6#
277	25.5	0.0	0.0#

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





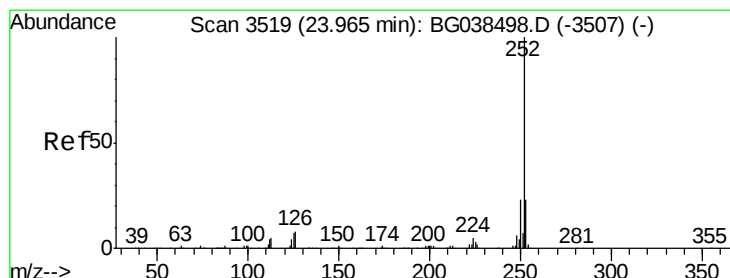
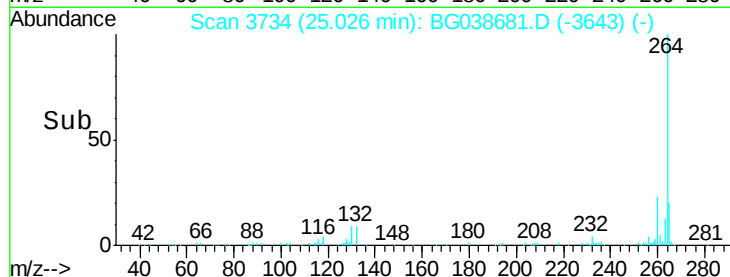
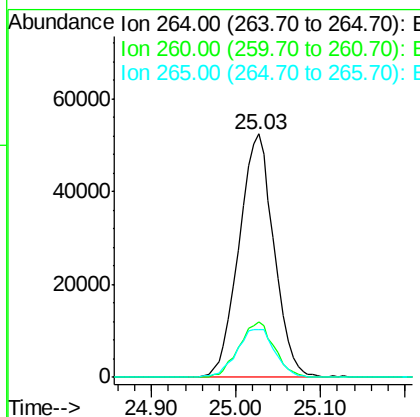
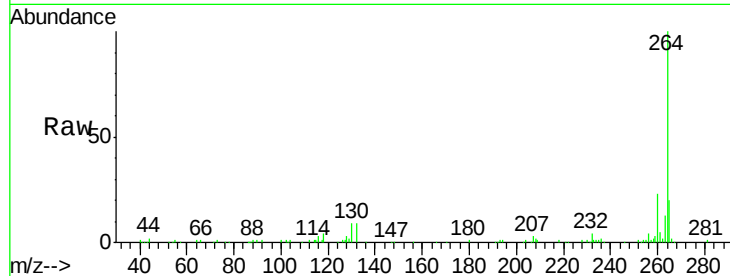
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	19.6	17.0	25.4

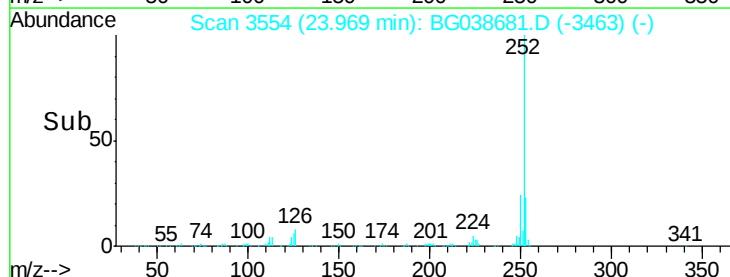
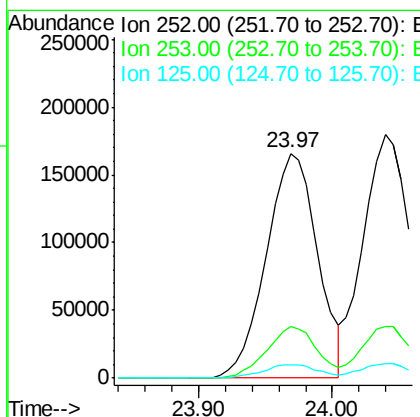
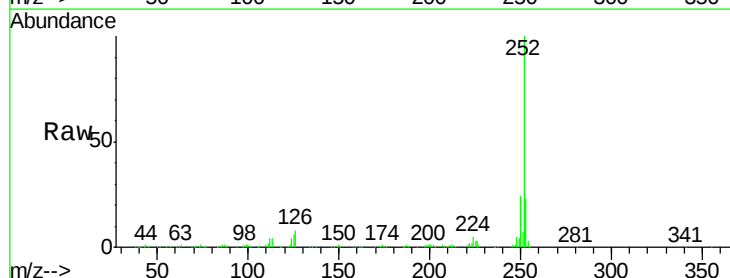
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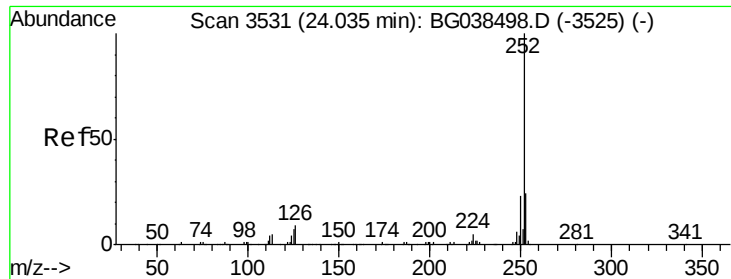
Sohil
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#88
Benzo(b)fluoranthene
Concen: 53.572 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	6.1	5.5	8.3





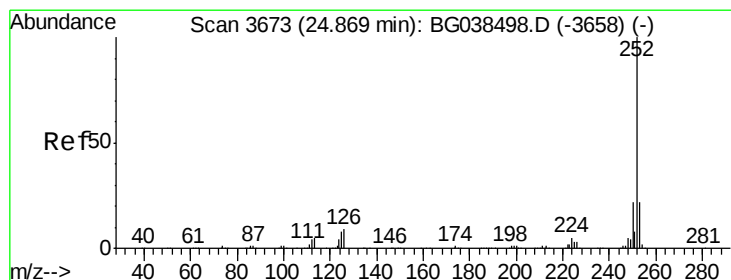
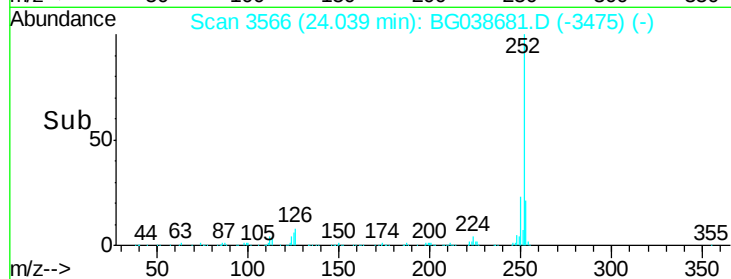
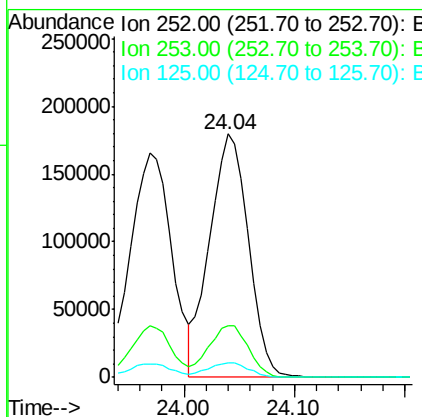
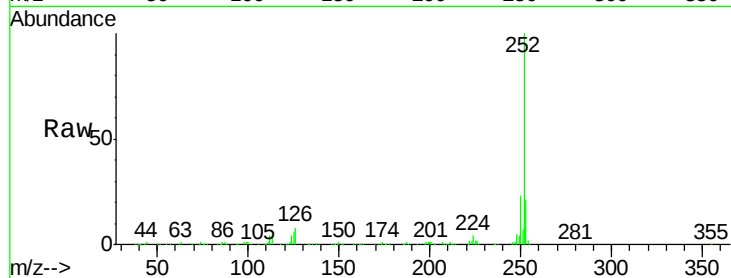
#89
Benzo(k)fluoranthene
Concen: 52.844 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.9	28.3
125	6.0	5.4	8.2

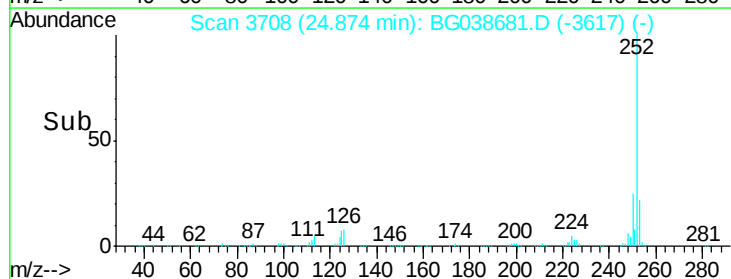
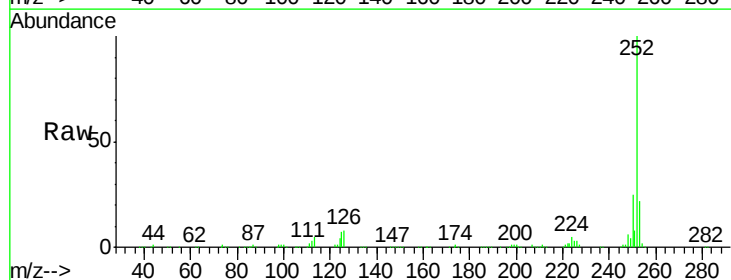
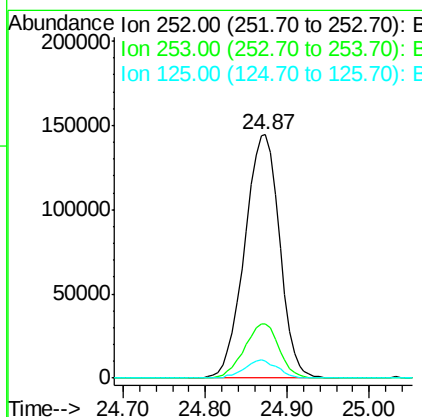
Manual Integrations
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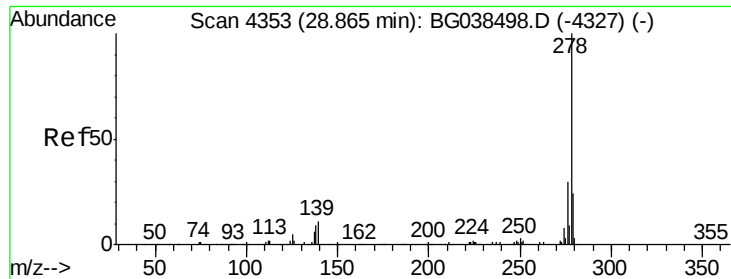
Sohil
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#90
Benzo(a)pyrene
Concen: 53.842 ng
RT: 24.87 min Scan# 3708
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	6.8	6.4	9.6





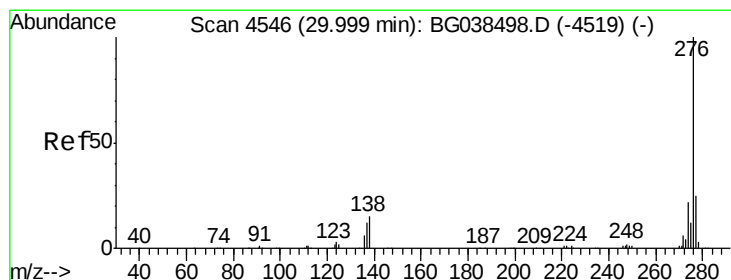
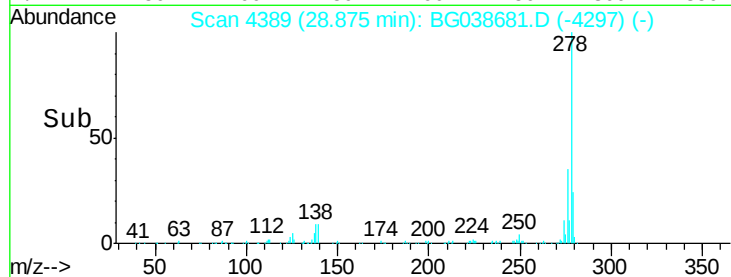
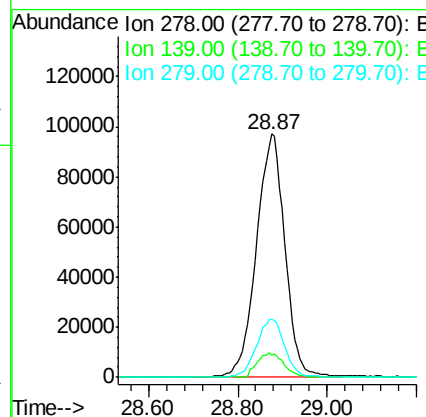
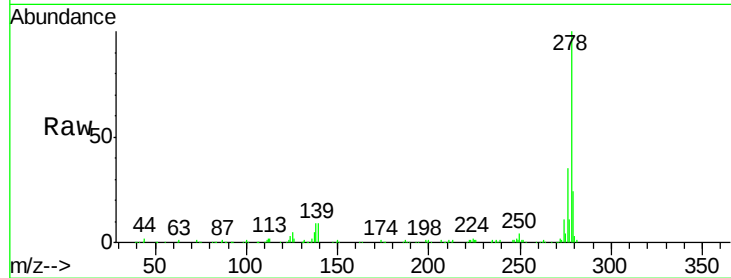
#91
Dibenzo(a,h)anthracene
Concen: 53.843 ng
RT: 28.87 min Scan# 4389
Delta R.T. 0.01 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Instrument :
BNA_G
ClientSampleId :
TP-1-BMSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.6	12.8
279	23.6	19.0	28.6

Manual Integrations
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12/18/2018 5:37:14 PM



#92
Benzo(g,h,i)perylene
Concen: 53.986 ng
RT: 30.00 min Scan# 4581
Delta R.T. 0.00 min
Lab File: BG038681.D
Acq: 18 Dec 2018 3:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.8	29.8
138	13.7	11.8	17.6

