

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
 Data File : BG038931.D
 Acq On : 4 Jan 2019 15:53
 Operator : JU/SJ
 Sample : PB116158BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Manual Integrations
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Sohil
 1/7/2019 12:48:11 PM

Quant Time: Jan 04 22:54:51 2019
 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	8.05	152	24288	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	98025	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	70081	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	182378	20.00	ng	0.00
76) Chrysene-d12	21.71	240	183772	20.00	ng	-0.01
87) Perylene-d12	25.00	264	177980	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168809	123.27	ng	0.00
7) Phenol-d6	7.21	99	225107	119.74	ng	0.00
23) Nitrobenzene-d5	9.22	82	117411	61.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	132775	137.47	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	319671	62.58	ng	-0.01
79) Terphenyl-d14	20.03	244	674228	79.85	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	27997	43.929	ng	96
3) Pyridine	3.88	79	50326	28.681	ng	98
4) n-Nitrosodimethylamine	3.80	42	31491	36.627	ng	# 95
6) Aniline	7.37	93	73665	30.696	ng	98
8) 2-Chlorophenol	7.61	128	71017	44.815	ng	95
9) Benzaldehyde	7.19	77	13963	11.450	ng	95
10) Phenol	7.24	94	90475	45.301	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	56104	35.284	ng	93
12) 1,3-Dichlorobenzene	7.93	146	72732	38.817	ng	97
13) 1,4-Dichlorobenzene	8.08	146	73670	38.390	ng	97
14) 1,2-Dichlorobenzene	8.40	146	71870	39.727	ng	96
15) Benzyl Alcohol	8.29	79	62837	42.824	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	117902	32.369	ng	97
17) 2-Methylphenol	8.49	107	61388	45.877	ng	98
18) Hexachloroethane	9.12	117	25241	35.996	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	49268	37.315	ng	# 92
20) 3+4-Methylphenols	8.82	107	82137	44.447	ng	97
22) Acetophenone	8.88	105	102445	41.841	ng	94
24) Nitrobenzene	9.27	77	74981	38.628	ng	99
25) Isophorone	9.78	82	141923	41.167	ng	97
26) 2-Nitrophenol	9.97	139	41872	42.146	ng	94
27) 2,4-Dimethylphenol	10.03	122	70645	49.616	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	80200	41.223	ng	99
29) 2,4-Dichlorophenol	10.51	162	80929	51.092	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	81767	42.736	ng	97
31) Naphthalene	10.91	128	216205	44.765	ng	99
32) Benzoic acid	10.17	122	34173m	39.948	ng	
33) 4-Chloroaniline	11.03	127	63798	30.425	ng	94
34) Hexachlorobutadiene	11.17	225	55155	42.603	ng	98
35) Caprolactam	11.82	113	28151	42.944	ng	# 91
36) 4-Chloro-3-methylphenol	12.15	107	84245	46.606	ng	96
37) 2-Methylnaphthalene	12.51	142	168121	48.793	ng	99
38) 1-Methylnaphthalene	12.74	142	158864	47.513	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	104967	40.070	ng	99

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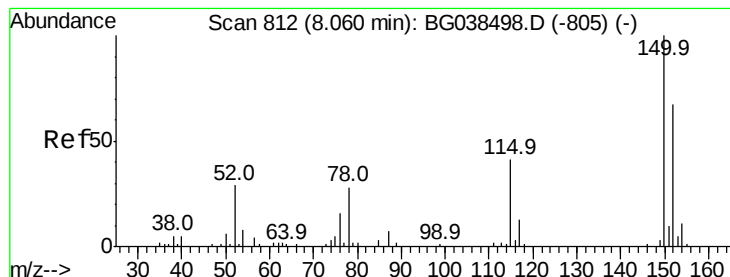
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	117997	81.988	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	74164	46.045	ng	100
44) 2,4,5-Trichlorophenol	13.20	196	81094	47.552	ng	98
46) 1,1'-Biphenyl	13.52	154	222836	37.929	ng	99
47) 2-Chloronaphthalene	13.56	162	180440	39.761	ng	98
48) 2-Nitroaniline	13.78	65	57408	39.715	ng	94
49) Acenaphthylene	14.41	152	300654	44.316	ng	99
50) Dimethylphthalate	14.13	163	243043	42.467	ng	99
51) 2,6-Dinitrotoluene	14.27	165	55550	42.832	ng	89
52) Acenaphthene	14.75	154	171300	42.225	ng	100
53) 3-Nitroaniline	14.60	138	42123	31.861	ng	97
54) 2,4-Dinitrophenol	14.82	184	53284	69.758	ng	98
55) Dibenzofuran	15.08	168	295788	42.535	ng	96
56) 4-Nitrophenol	14.92	139	79219	78.985	ng	97
57) 2,4-Dinitrotoluene	15.06	165	79788	43.679	ng	94
58) Fluorene	15.73	166	241289	46.833	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78740	51.320	ng	93
60) Diethylphthalate	15.49	149	252599	40.206	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	135535	42.163	ng	98
62) 4-Nitroaniline	15.77	138	58393	42.901	ng	95
63) Azobenzene	16.01	77	204478	38.960	ng	94
65) 4,6-Dinitro-2-methylphenol	15.81	198	48419	37.217	ng	90
66) n-Nitrosodiphenylamine	15.94	169	221197	41.278	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	93994	42.200	ng	97
68) Hexachlorobenzene	16.73	284	101163	43.814	ng	95
69) Atrazine	16.88	200	91509	46.015	ng	97
70) Pentachlorophenol	17.08	266	100919	73.896	ng	96
71) Phenanthrene	17.48	178	423112	44.738	ng	98
72) Anthracene	17.57	178	427085	45.743	ng	99
73) Carbazole	17.85	167	374783	40.589	ng	99
74) Di-n-butylphthalate	18.37	149	438583	41.395	ng	99
75) Fluoranthene	19.49	202	521897	44.601	ng	98
77) Benzidine	19.67	184	202405	37.242	ng	100
78) Pyrene	19.85	202	517233	42.604	ng	100
80) Butylbenzylphthalate	20.71	149	195301	41.175	ng	96
81) Benzo(a)anthracene	21.70	228	500728	44.715	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	142823	32.158	ng	99
83) Chrysene	21.76	228	467106	43.307	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	272467	40.503	ng	98
85) Di-n-octyl phthalate	22.78	149	459817	40.814	ng	97
86) Indeno(1,2,3-cd)pyrene	28.79	276	559273	44.104	ng	# 81
88) Benzo(b)fluoranthene	23.95	252	495084	50.664	ng	99
89) Benzo(k)fluoranthene	24.02	252	478280	49.152	ng	97
90) Benzo(a)pyrene	24.85	252	479011	50.811	ng	99
91) Dibenzo(a,h)anthracene	28.85	278	461351	49.150	ng	98
92) Benzo(g,h,i)perylene	29.97	276	465150	50.284	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG038931.D

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BNA_G

ClientSampleId :

PB116158BSD

Tot Ion:152 Resp: 24288

Ion Ratio Lower Upper

152 100

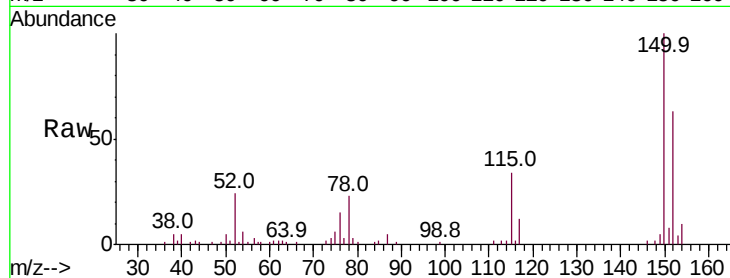
150 158.5 119.5 179.3

115 53.4 49.6 74.4

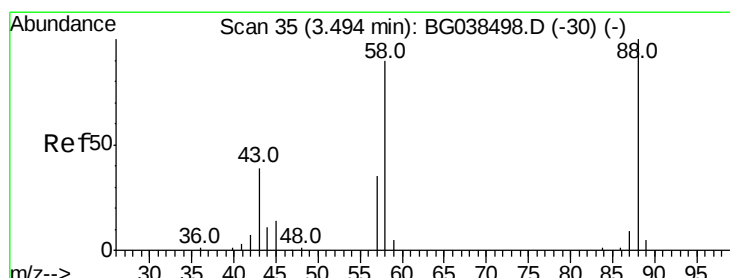
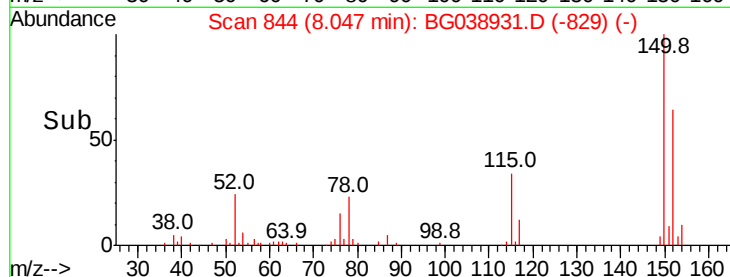
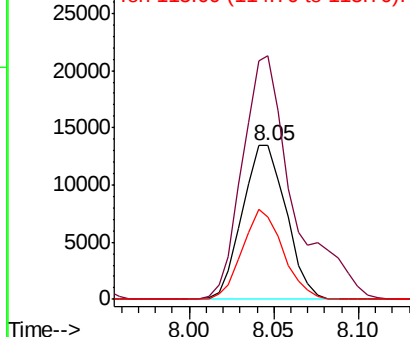
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.929 ng

RT: 3.48 min Scan# 66

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

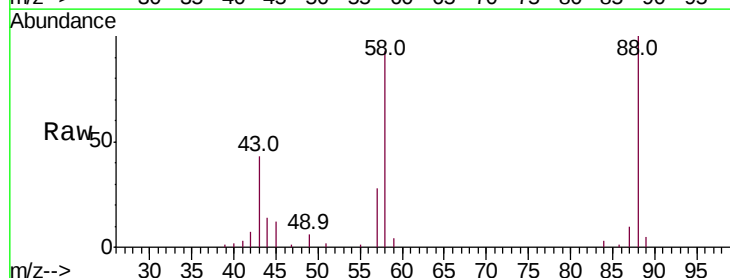
Tgt Ion: 88 Resp: 27997

Ion Ratio Lower Upper

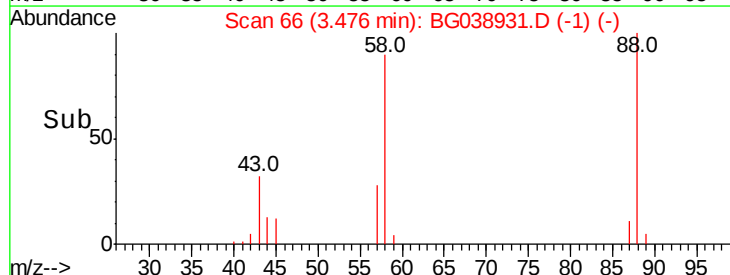
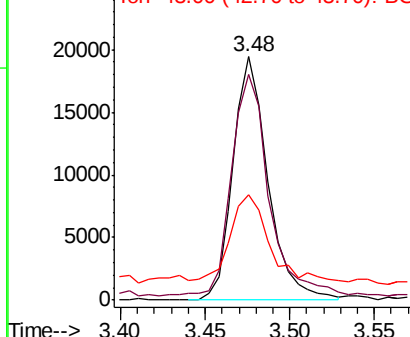
88 100

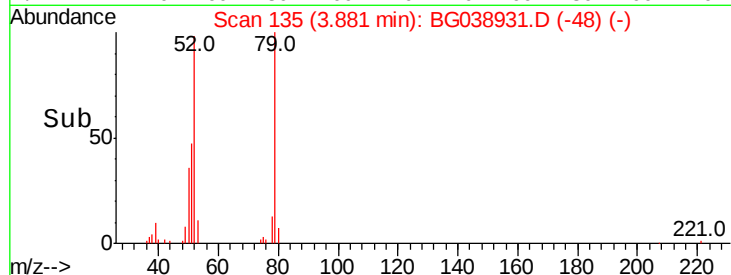
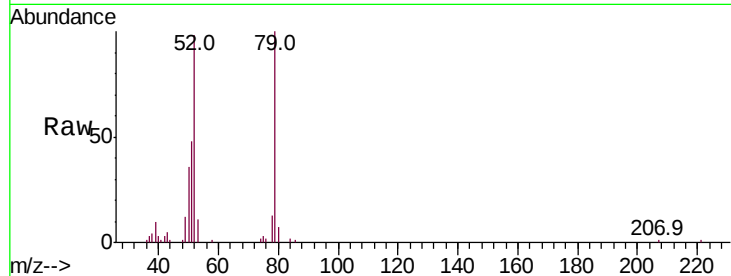
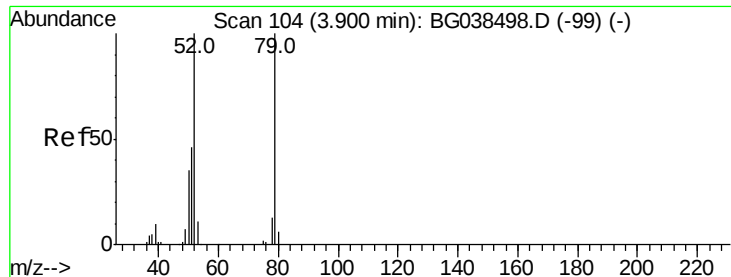
58 98.8 75.7 113.5

43 41.4 31.6 47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.681 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038931.D

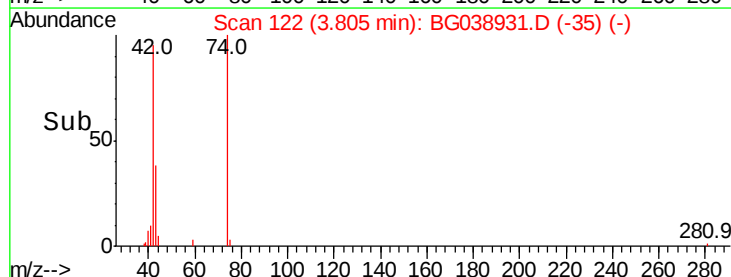
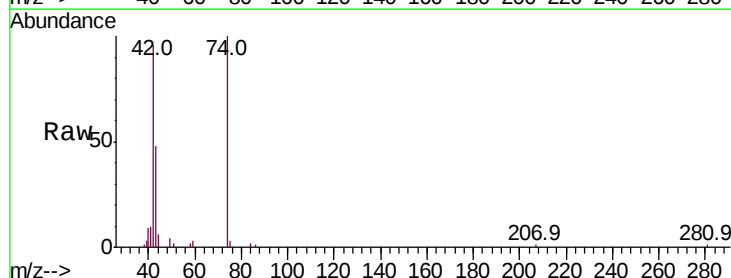
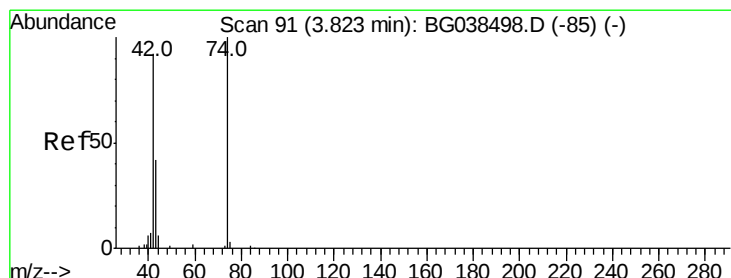
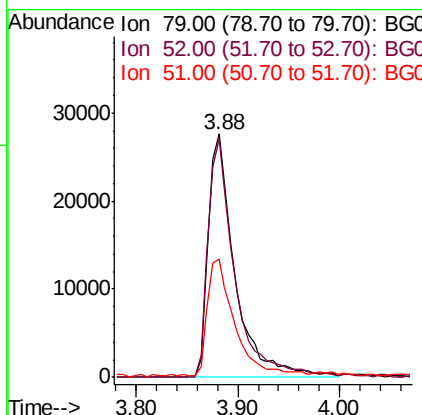
Acq: 4 Jan 2019 15:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	98.1	80.2	120.2
51	48.4	38.0	57.0

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#4

n-Nitrosodimethylamine

Concen: 36.627 ng

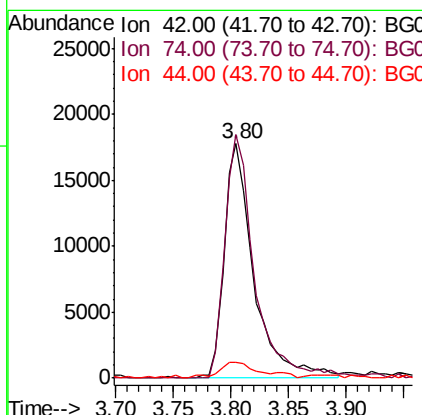
RT: 3.80 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.8	86.7	130.1
44	6.6	7.8	11.8#





#5

2-Fluorophenol

Concen: 123.274 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

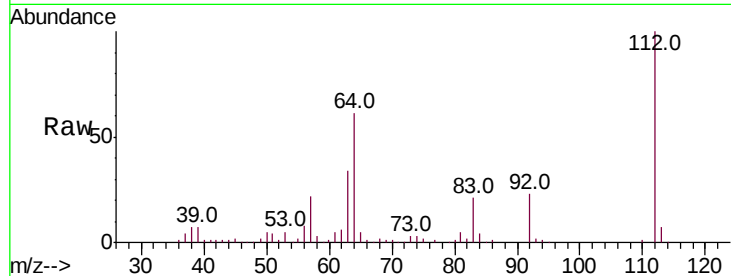
ClientSampled :

PB116158BSD

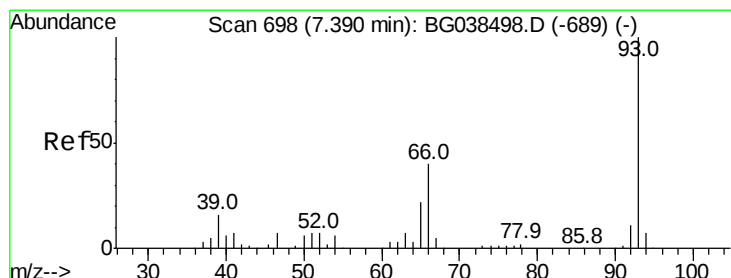
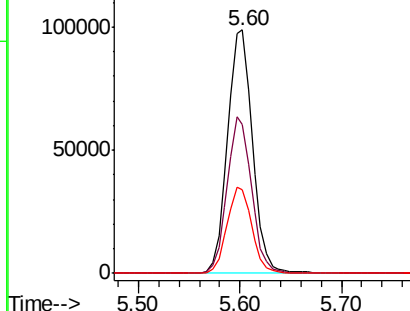
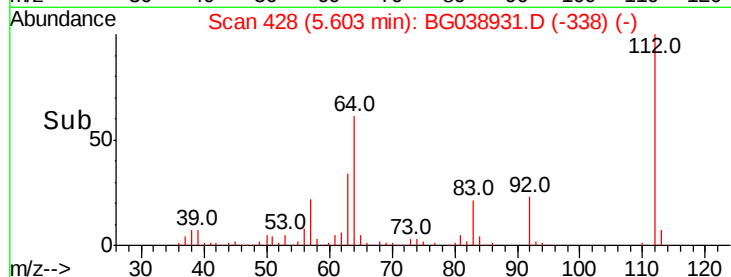
Tot Ion:	112	Resp:	168809
Ion Ratio	Lower	Upper	
112	100		
64	60.9	53.4	80.2
63	34.3	29.3	43.9

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



#6

Aniline

Concen: 30.696 ng

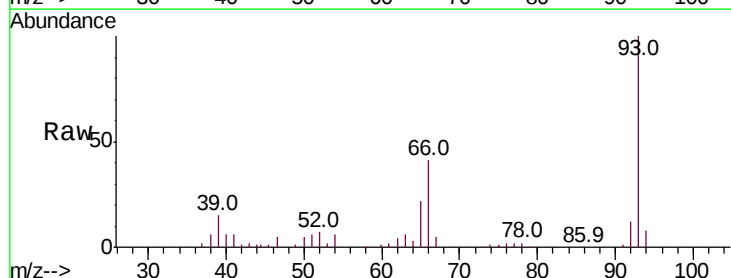
RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

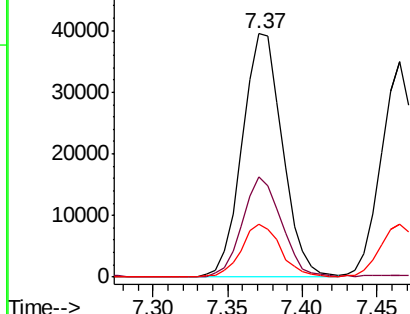
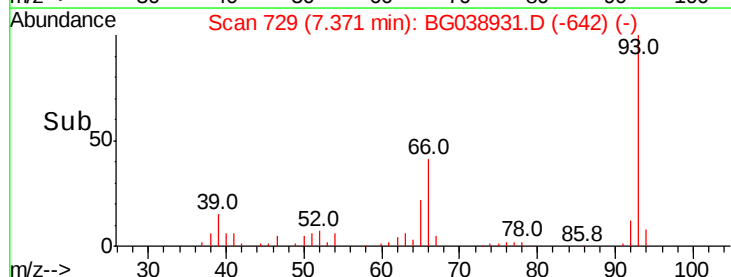
Lab File: BG038931.D

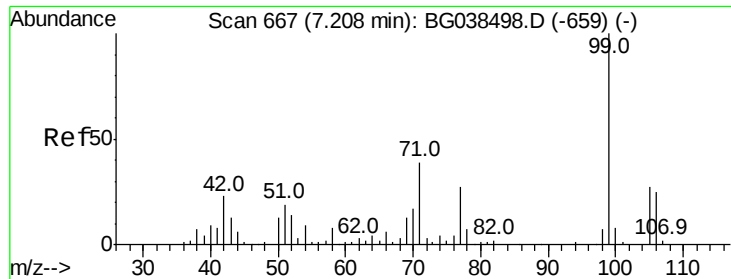
Acq: 4 Jan 2019 15:53

Tgt Ion:	93	Resp:	73665
Ion Ratio	Lower	Upper	
93	100		
66	41.0	31.7	47.5
65	21.7	17.8	26.6



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





#7

Phenol-d6

Concen: 119.745 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

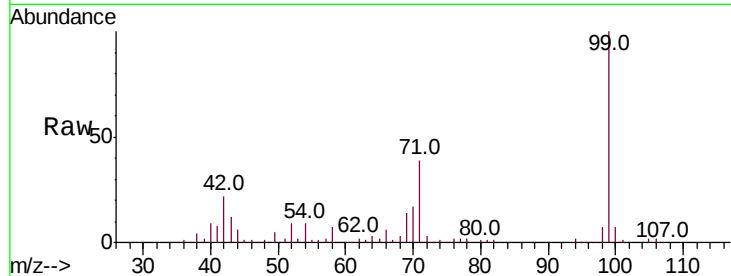
PB116158BSD

Tot Ion: 99 Resp: 225107

Ion	Ratio	Lower	Upper
99	100		
42	21.7	18.5	27.7
71	39.3	31.1	46.7

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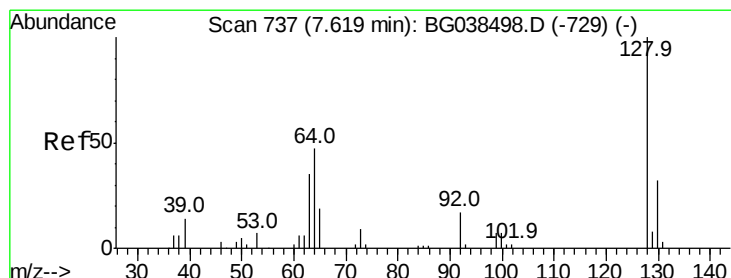
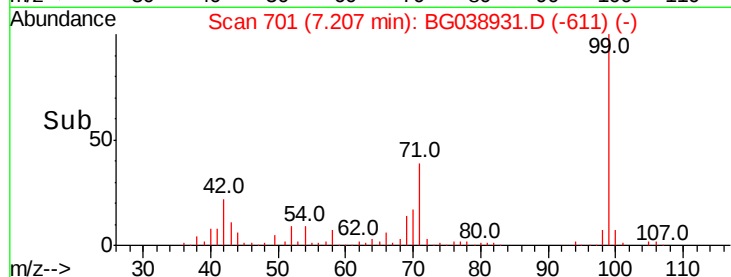
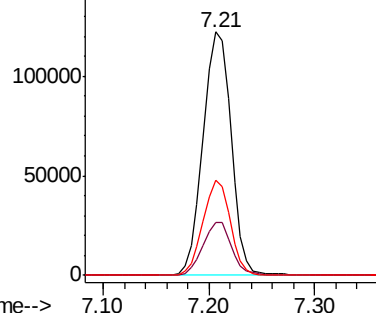


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.815 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion: 128 Resp: 71017

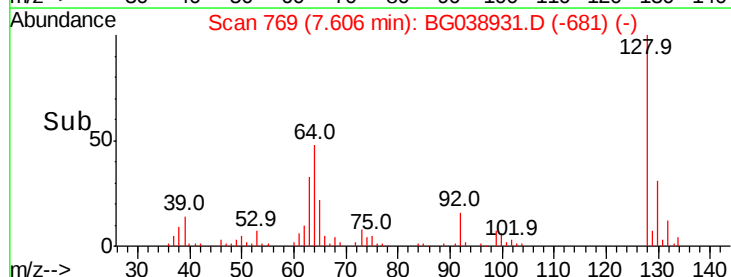
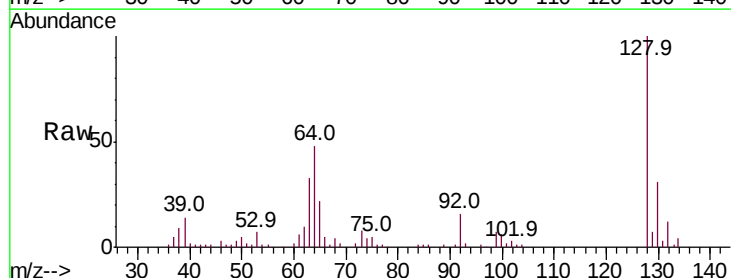
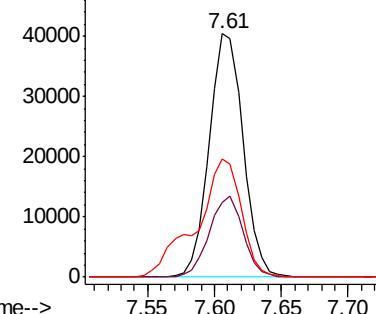
Ion	Ratio	Lower	Upper
128	100		
130	30.8	11.8	51.8
64	48.5	33.2	73.2

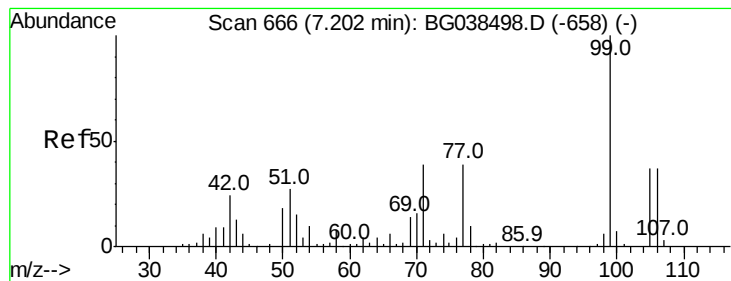
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.450 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleID :

PB116158BSD

Tot Ion: 77 Resp: 13963

Ion Ratio Lower Upper

77 100

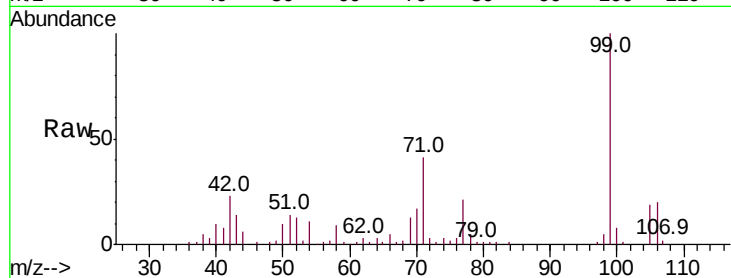
105 88.5 74.0 114.0

106 97.1 73.9 113.9

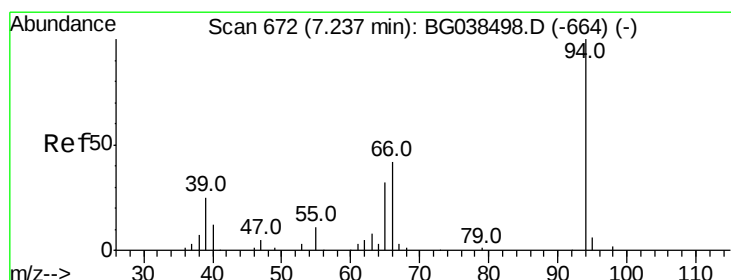
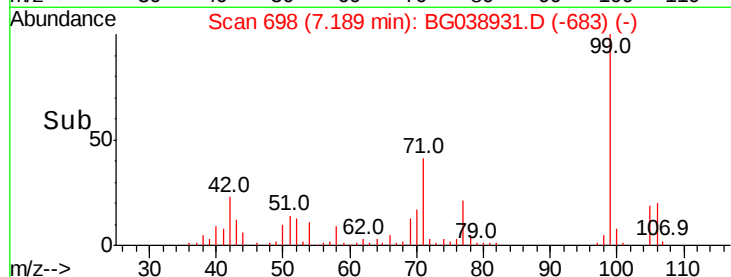
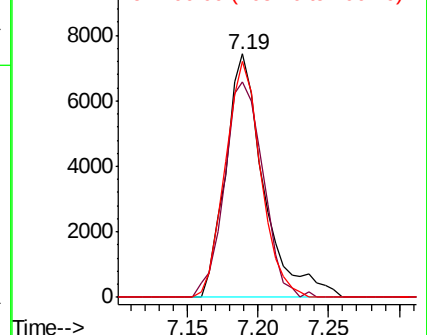
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.301 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

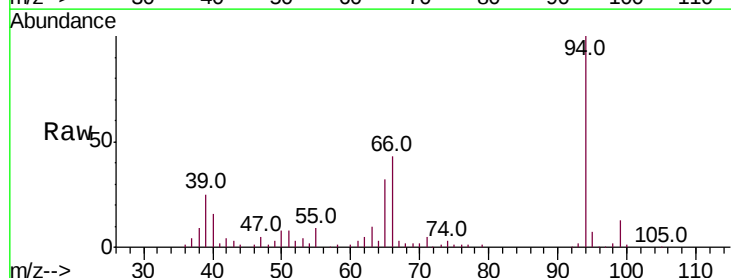
Tgt Ion: 94 Resp: 90475

Ion Ratio Lower Upper

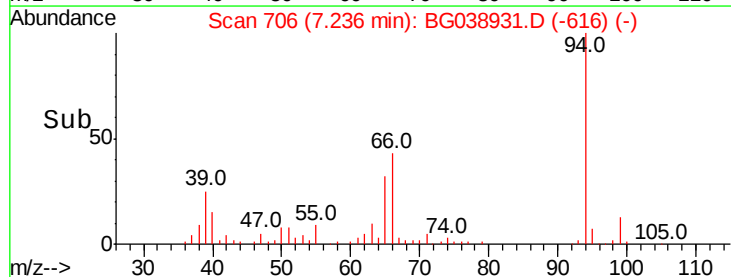
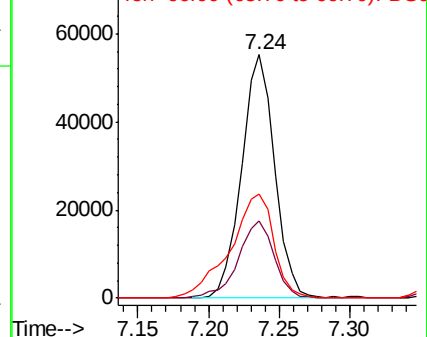
94 100

65 31.9 12.6 52.6

66 42.6 24.1 64.1



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





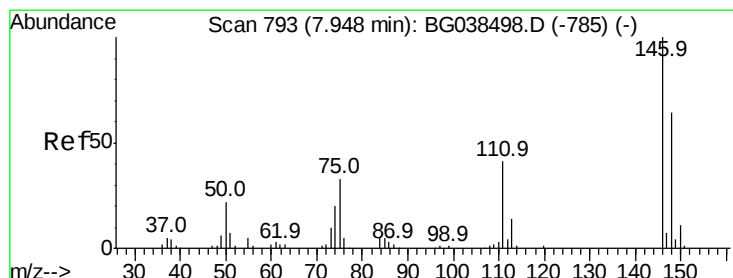
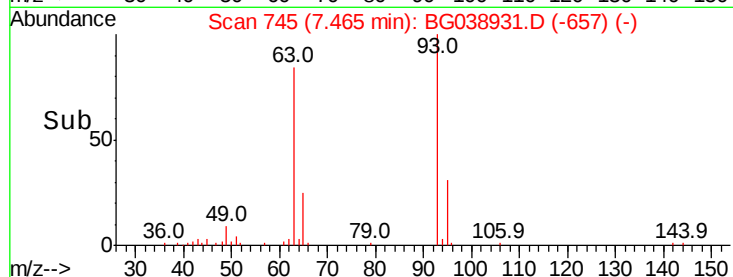
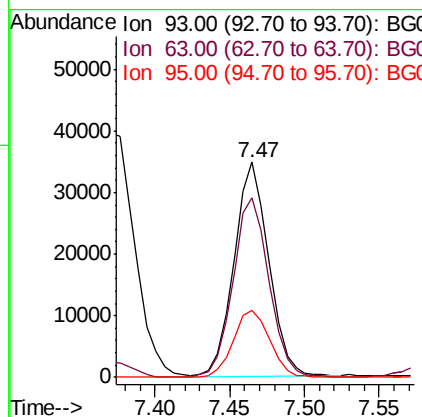
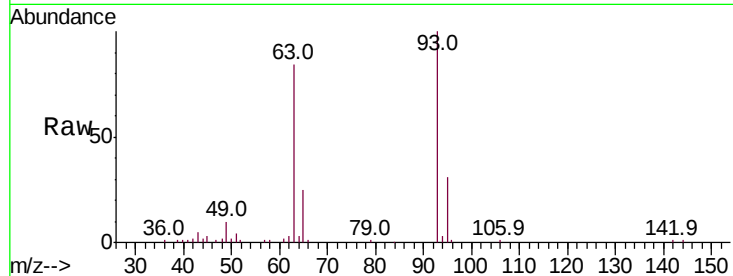
#11
bis(2-Chloroethyl)ether
Concen: 35.284 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion: 93 Resp: 56104
Ion Ratio Lower Upper
93 100
63 83.8 72.2 112.2
95 31.2 11.2 51.2

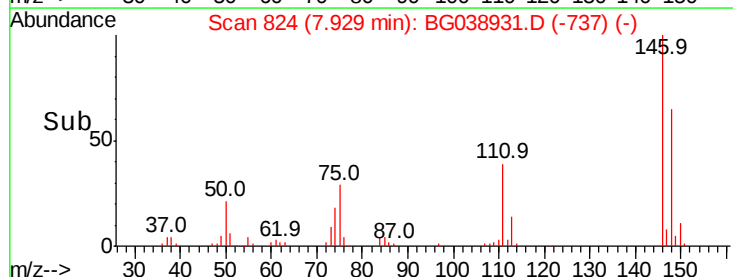
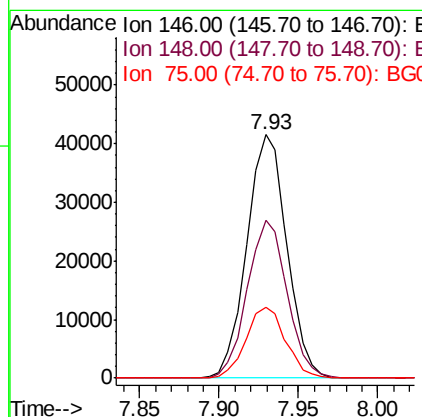
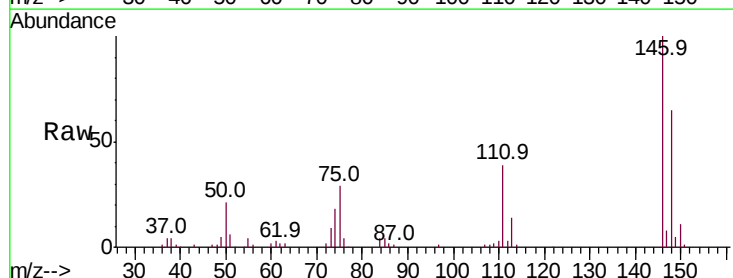
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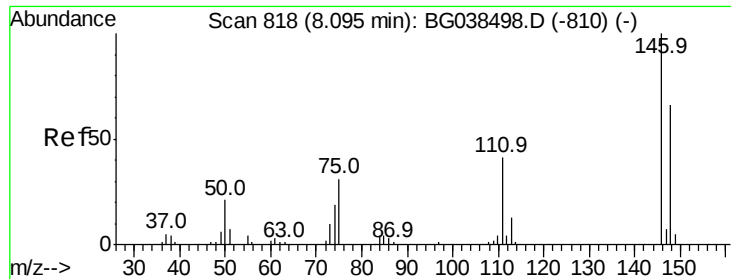
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#12
1,3-Dichlorobenzene
Concen: 38.817 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:146 Resp: 72732
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.0
75 29.3 26.1 39.1





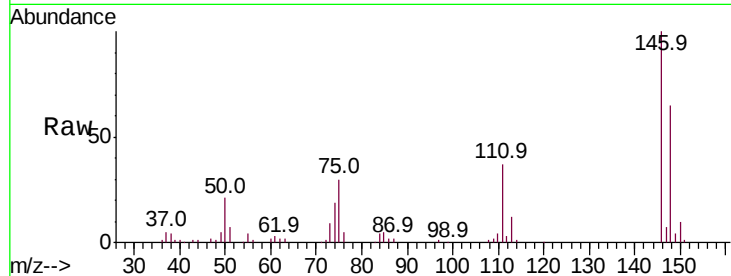
#13
 1,4-Dichlorobenzene
 Concen: 38.390 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
111	37.4	33.0	49.4

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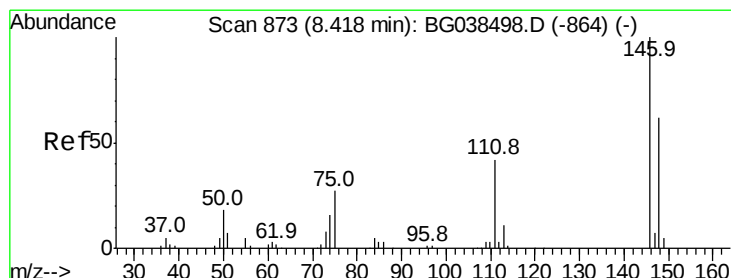
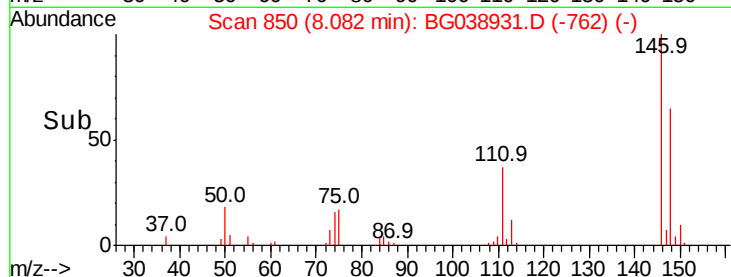
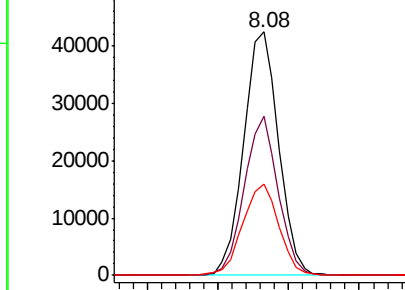


Abundance

Ion 146.00 (145.70 to 146.70): E

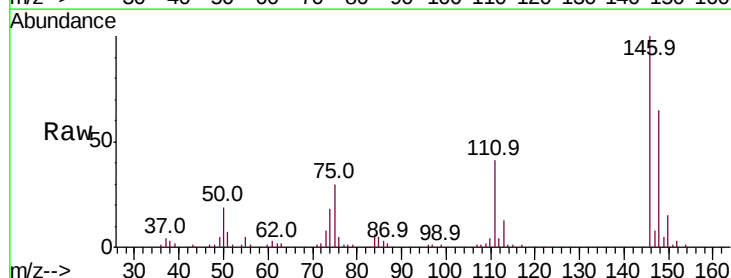
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.727 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.4	74.0
111	40.6	33.8	50.6

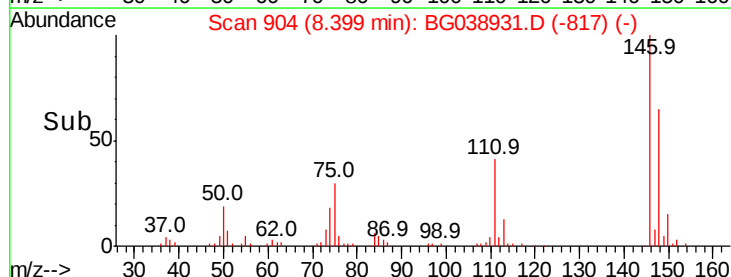
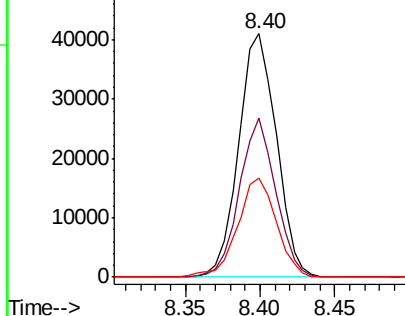


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.824 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

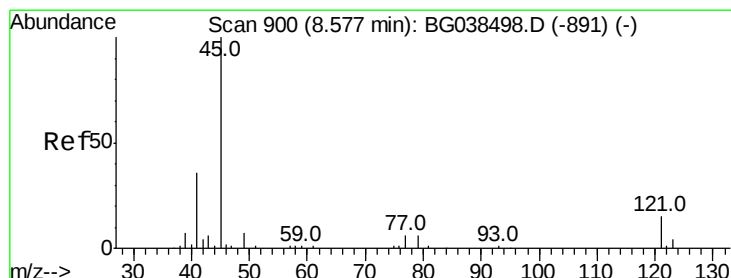
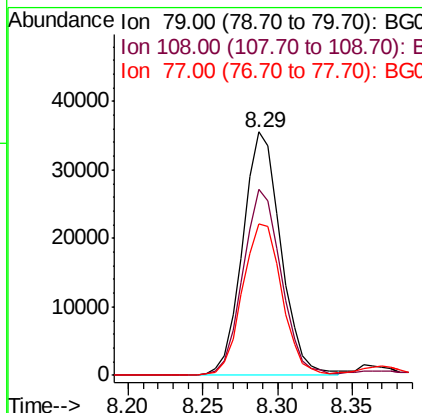
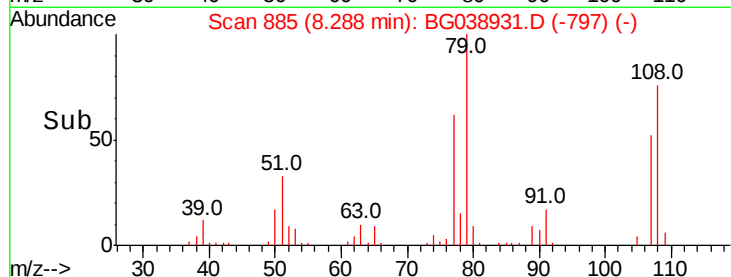
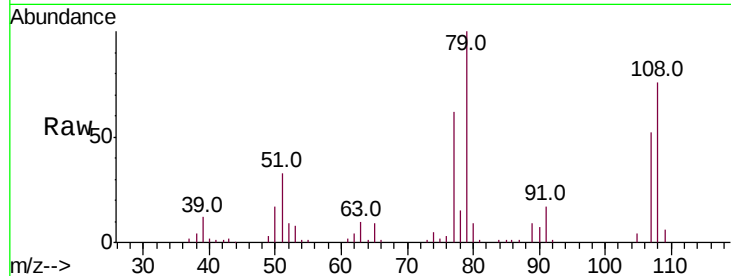
ClientSampleId :

PB116158BSD

Tot Ion:	79	Resp:	62837
Ion Ratio	Lower	Upper	
79	100		
108	76.3	60.2	90.4
77	62.4	50.7	76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.369 ng

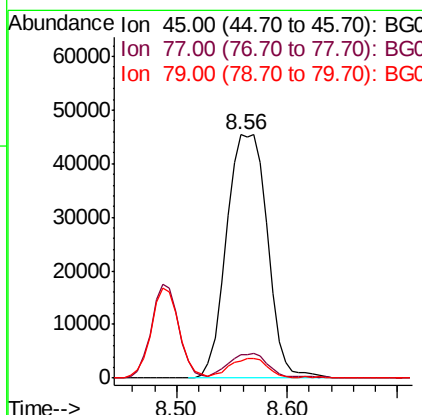
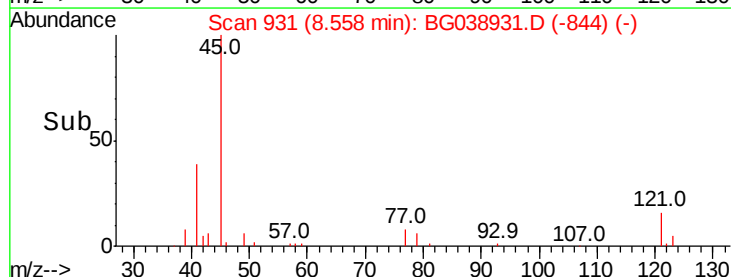
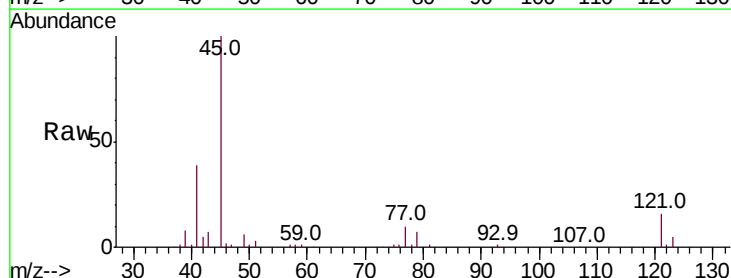
RT: 8.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:	45	Resp:	117902
Ion Ratio	Lower	Upper	
45	100		
77	9.8	0.0	28.2
79	7.2	0.0	27.2





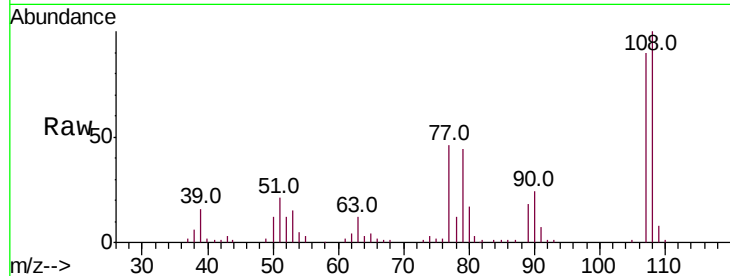
#17
2-Methylphenol
Concen: 45.877 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion:	107	Resp:	61388
Ion	Ratio	Lower	Upper
107	100		
108	111.6	87.1	130.7
77	51.8	42.0	63.0
79	49.7	38.2	57.2

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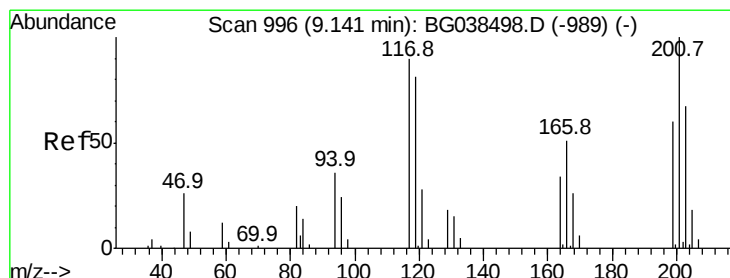
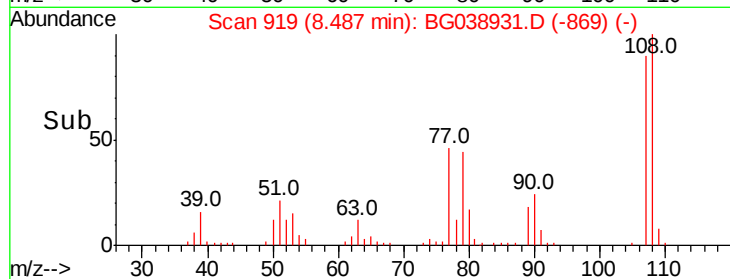
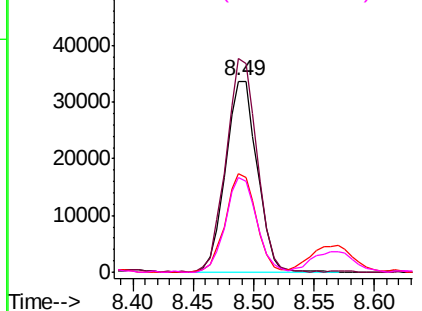
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.996 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

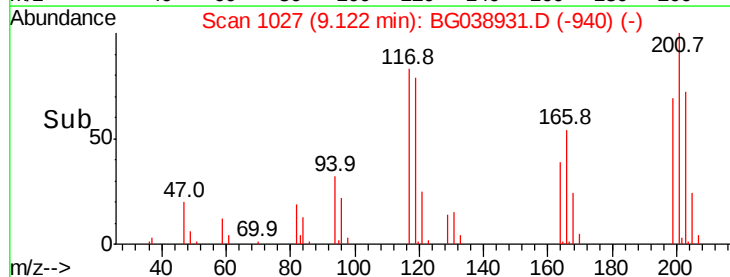
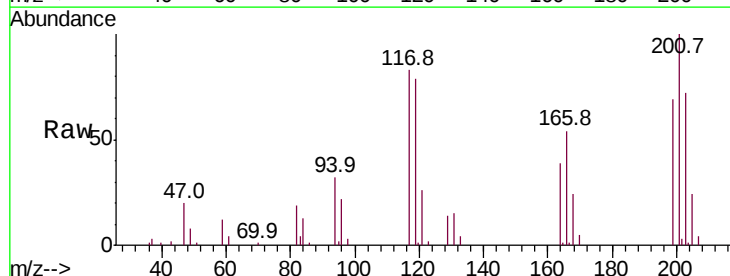
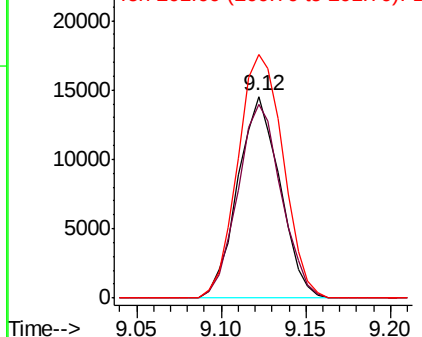
Tgt Ion:	117	Resp:	25241
Ion	Ratio	Lower	Upper
117	100		
119	95.9	73.8	110.8
201	124.1	89.4	134.0

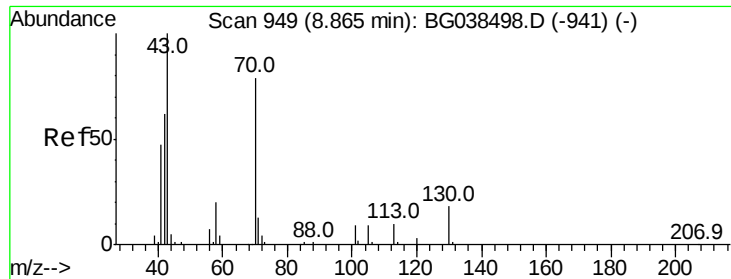
Abundance

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





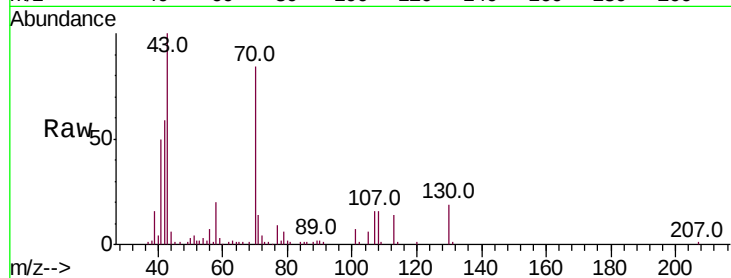
#19
n-Nitroso-di-n-propylamine
Concen: 37.315 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.6	63.6	95.4
101	8.5	9.2	13.8
130	23.0	18.5	27.7

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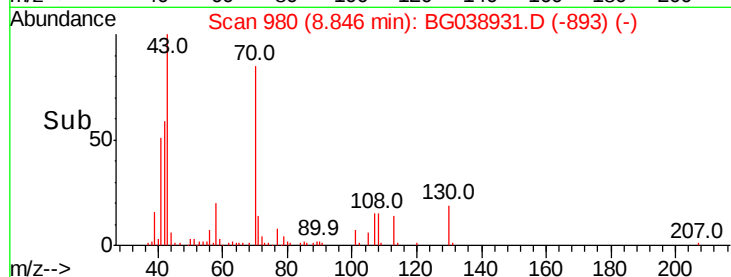
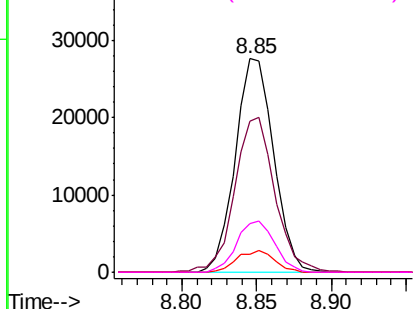
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.447 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	66.7	106.7
77	34.1	17.3	57.3
79	30.7	12.3	52.3

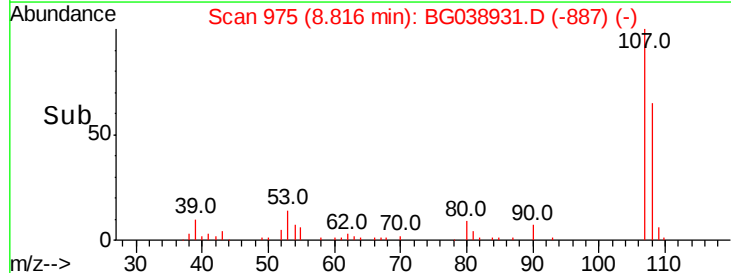
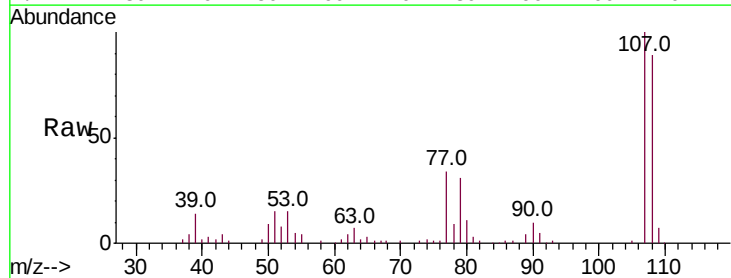
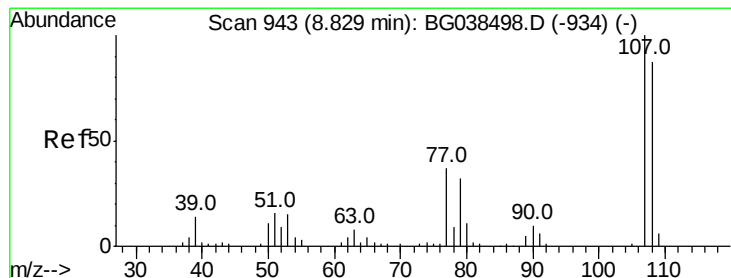
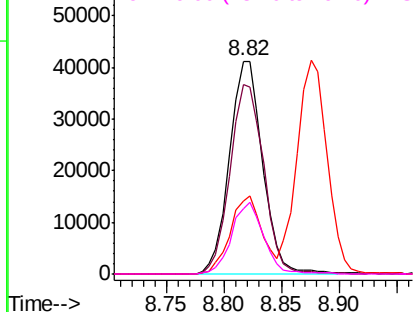
Abundance

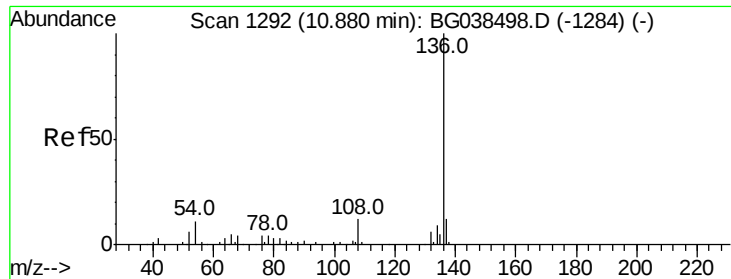
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





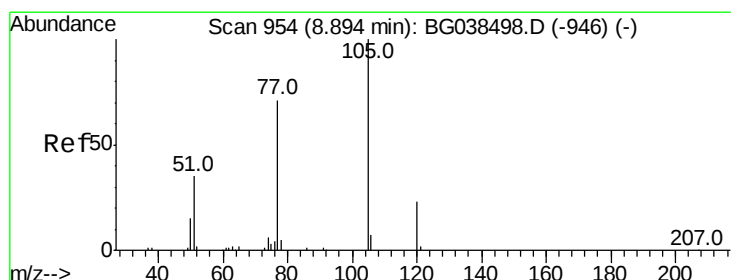
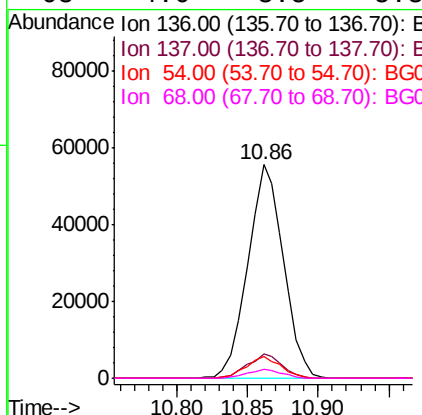
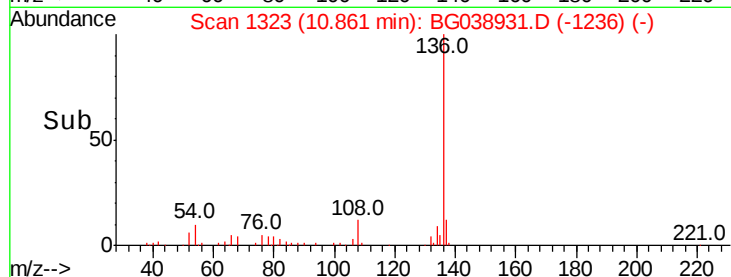
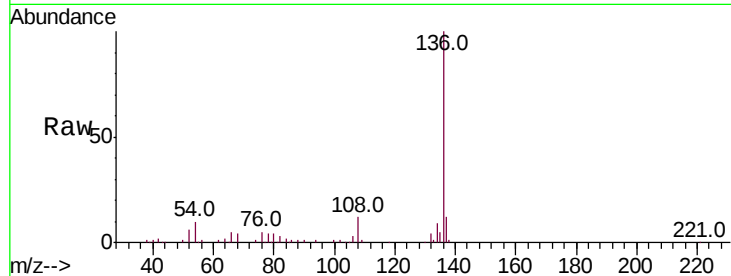
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.3	13.9	
54	9.9	8.5	12.7	
68	4.0	3.5	5.3	

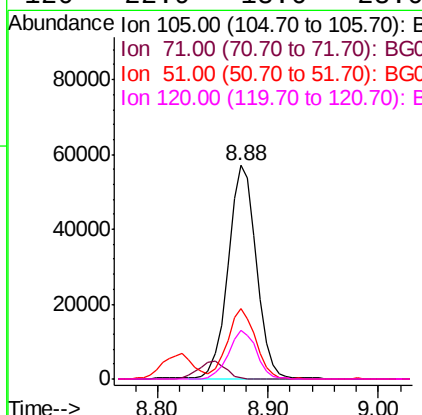
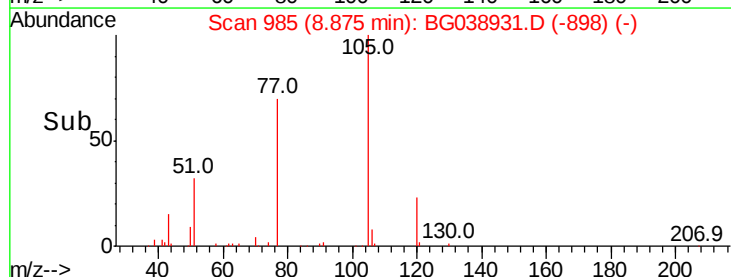
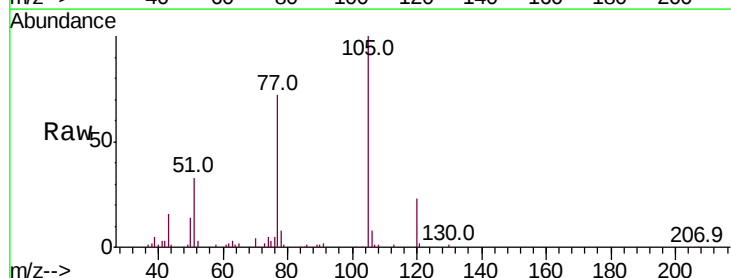
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#22
Acetophenone
Concen: 41.841 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.4	0.6	
51	32.8	30.6	46.0	
120	22.9	18.6	28.0	





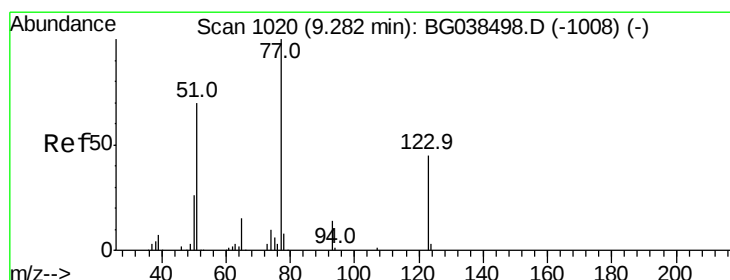
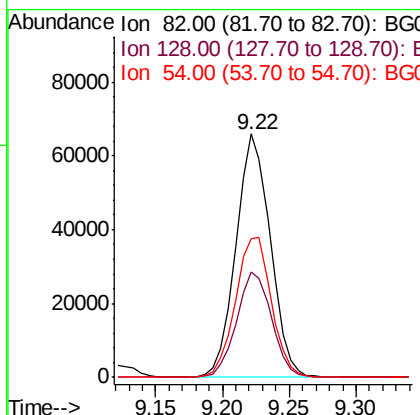
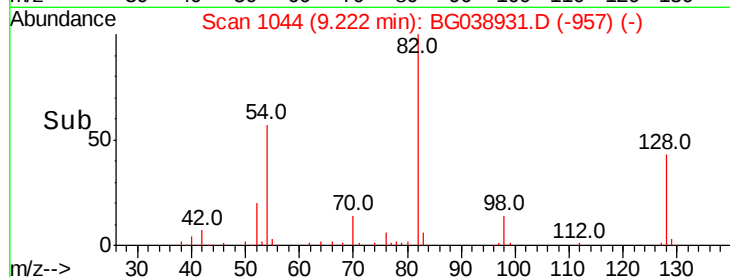
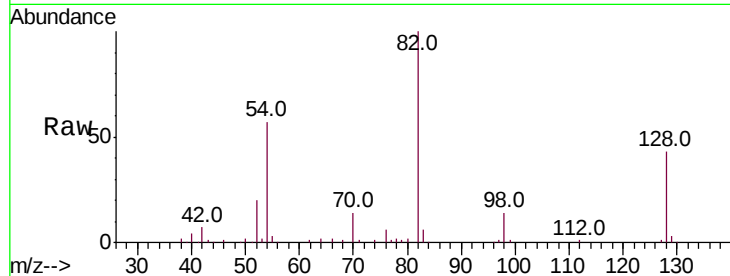
#23
Nitrobenzene-d5
Concen: 61.190 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion: 82 Resp: 117411
Ion Ratio Lower Upper
82 100
128 43.3 34.6 52.0
54 57.2 50.6 76.0

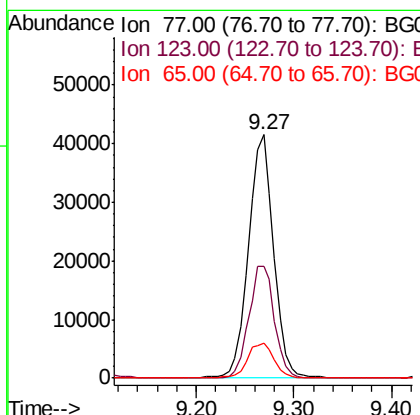
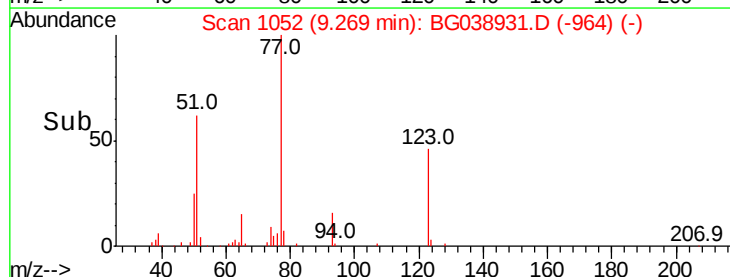
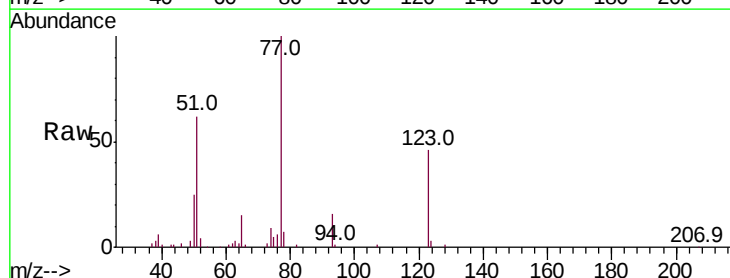
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#24
Nitrobenzene
Concen: 38.628 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion: 77 Resp: 74981
Ion Ratio Lower Upper
77 100
123 45.9 35.9 53.9
65 14.5 12.0 18.0





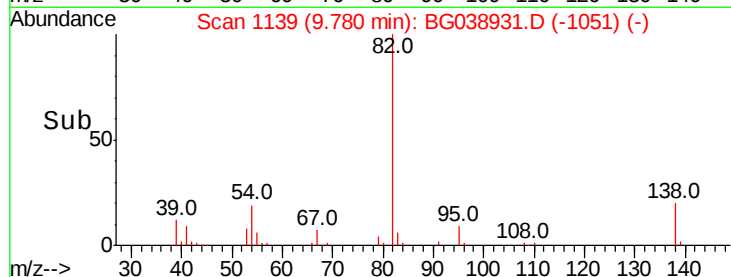
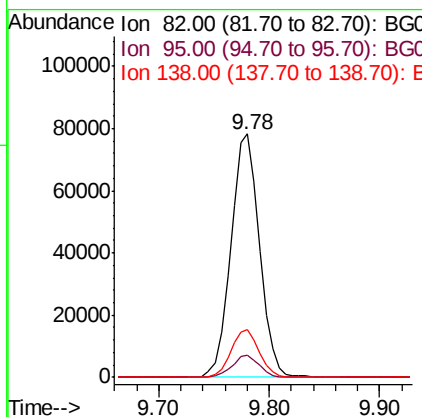
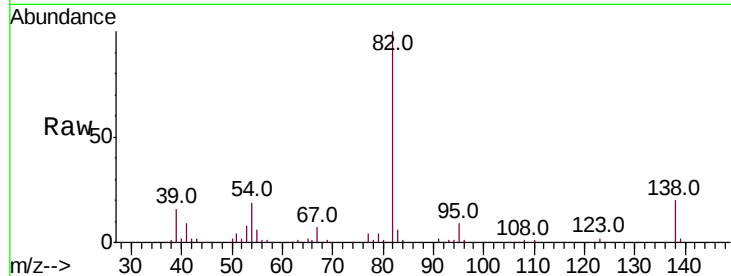
#25
Isophorone
Concen: 41.167 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	82	Resp	141923
Ion Ratio	100	Lower	Upper
82	100		
95	9.0	6.1	9.1
138	19.7	14.9	22.3

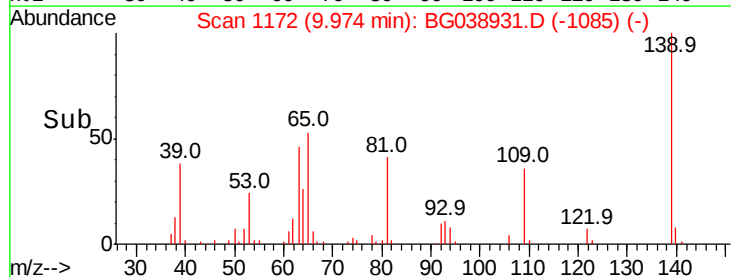
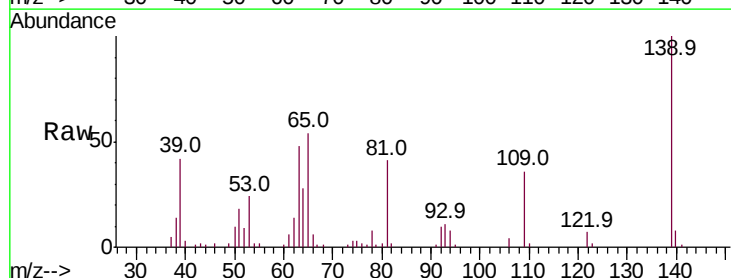
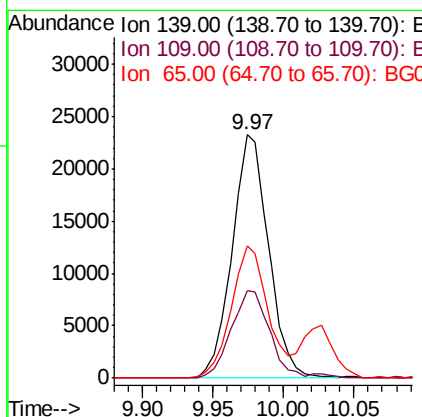
Manual Integrations
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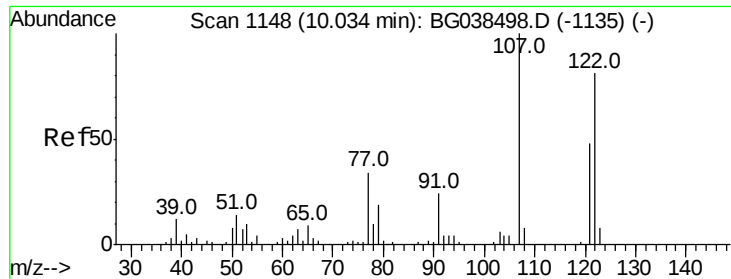
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#26
2-Nitrophenol
Concen: 42.146 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	139	Resp	41872
Ion Ratio	100	Lower	Upper
139	100		
109	35.8	29.5	44.3
65	54.4	48.5	72.7





#27

2,4-Dimethylphenol

Concen: 49.616 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

ClientSampleId :

PB116158BSD

Tot Ion:122 Resp: 70645

Ion Ratio Lower Upper

122 100

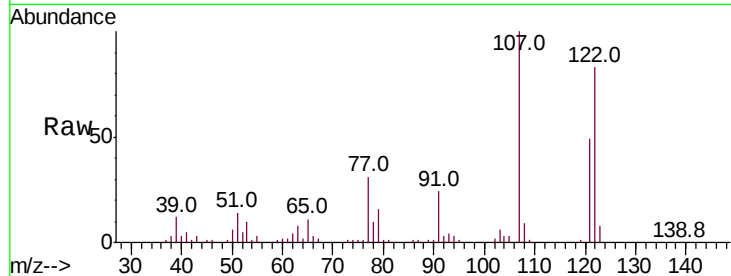
107 120.1 98.4 147.6

121 58.3 47.2 70.8

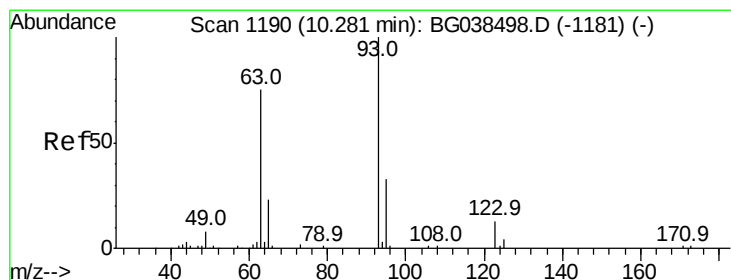
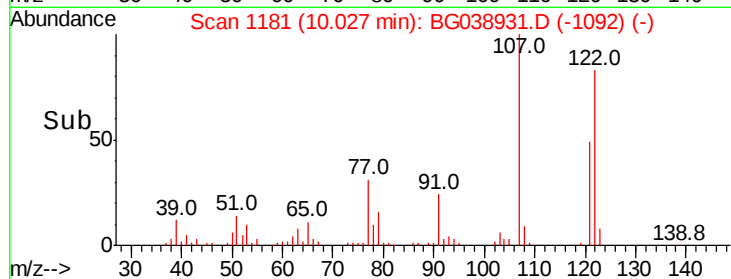
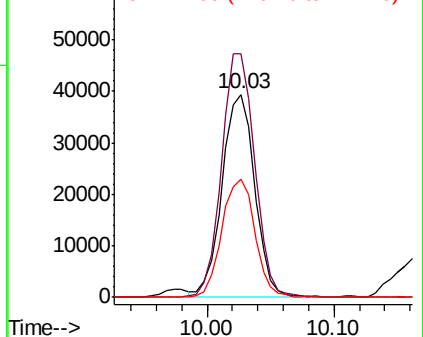
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.223 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

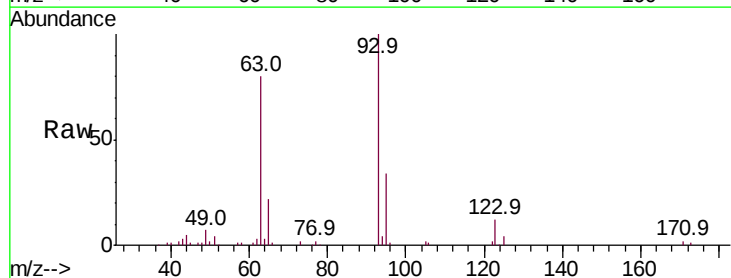
Tgt Ion: 93 Resp: 80200

Ion Ratio Lower Upper

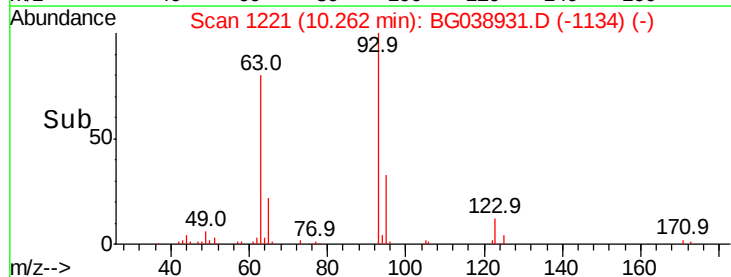
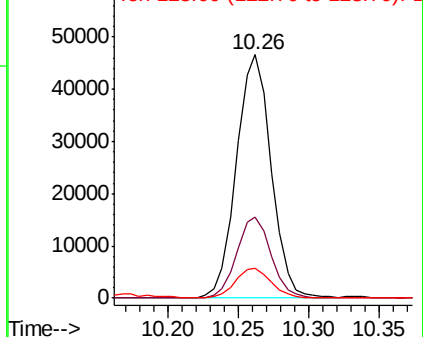
93 100

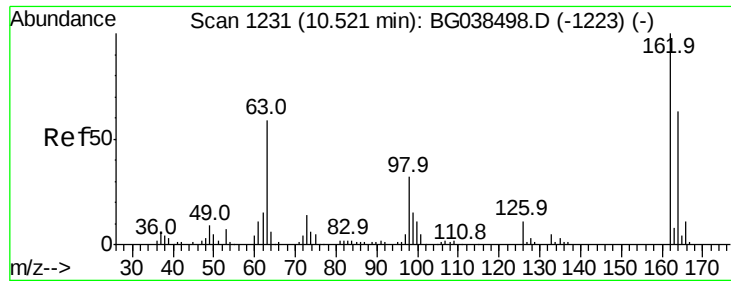
95 33.5 26.6 40.0

123 12.4 10.6 16.0



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





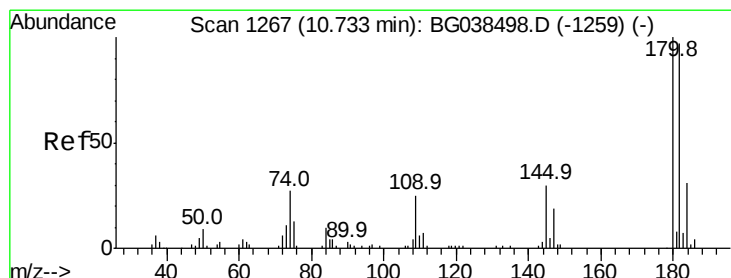
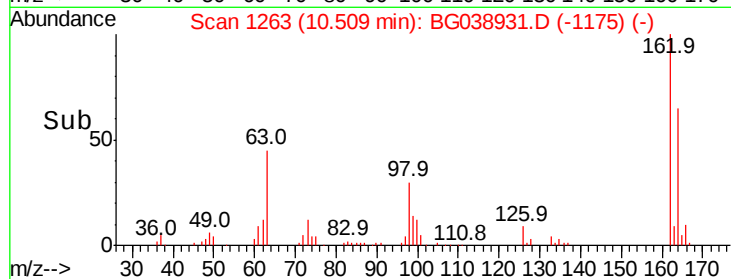
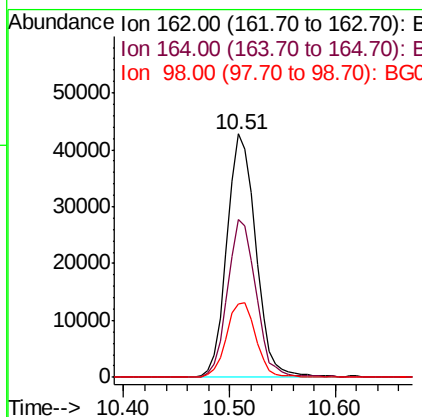
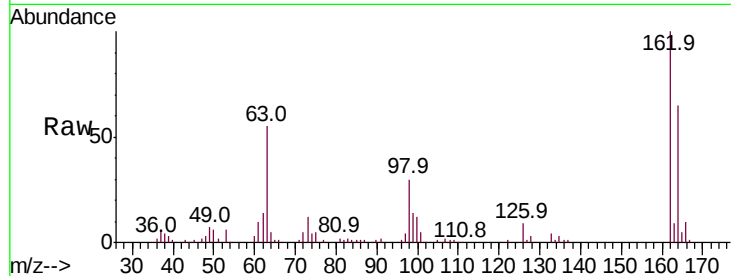
#29
 2,4-Dichlorophenol
 Concen: 51.092 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	80929		
164	65.1	42.9	82.9	
98	30.0	12.1	52.1	

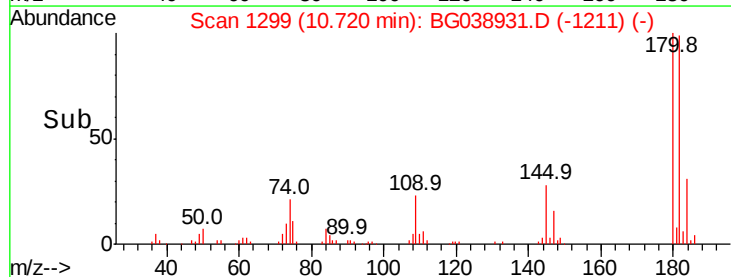
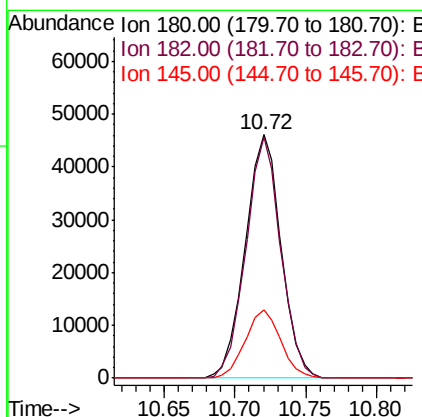
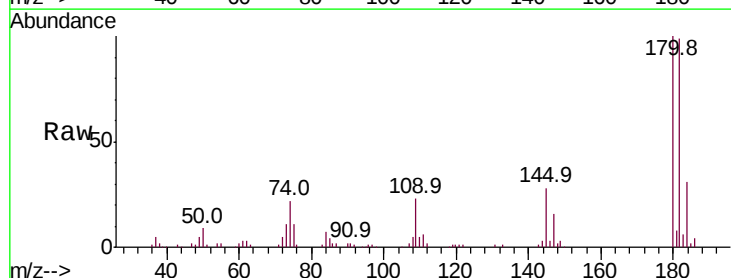
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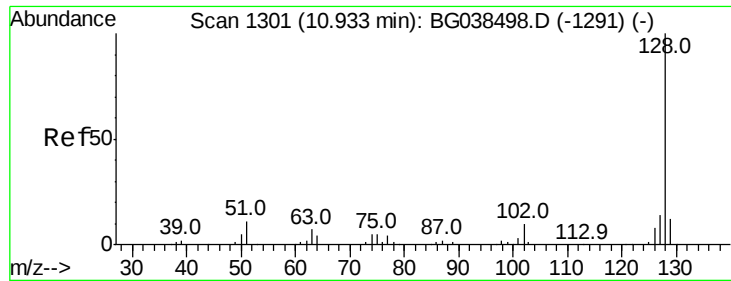
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.736 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81767		
182	99.0	77.4	116.0	
145	27.9	24.1	36.1	





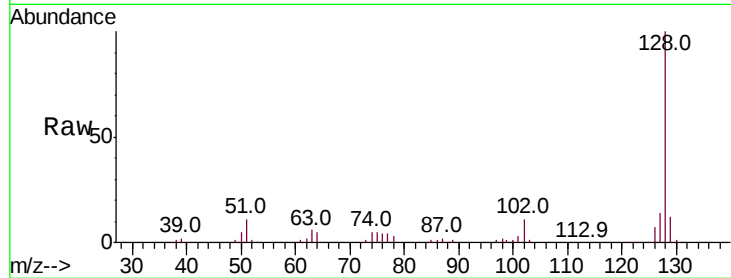
#31
Naphthalene
Concen: 44.765 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.0	10.9	16.3

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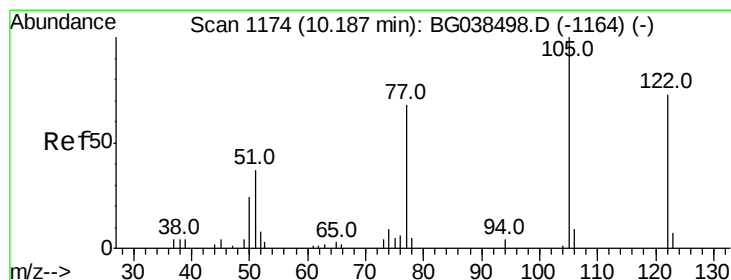
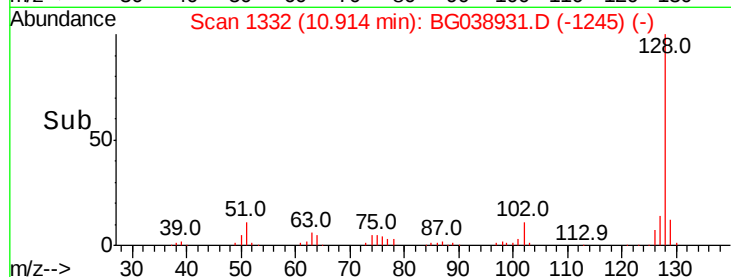
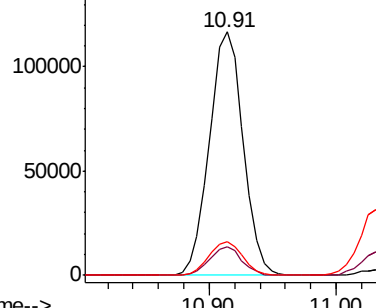


Abundance

Ion 128.00 (127.70 to 128.70): E

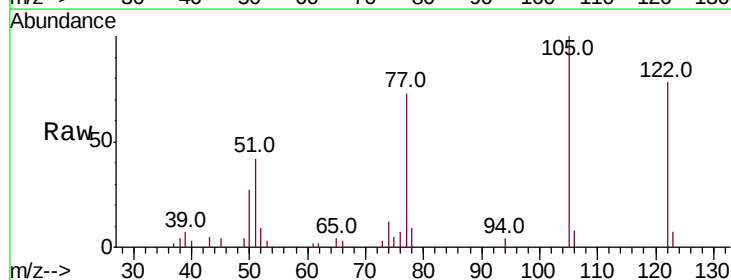
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.948 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.7	116.7	156.7
77	93.4	72.5	112.5

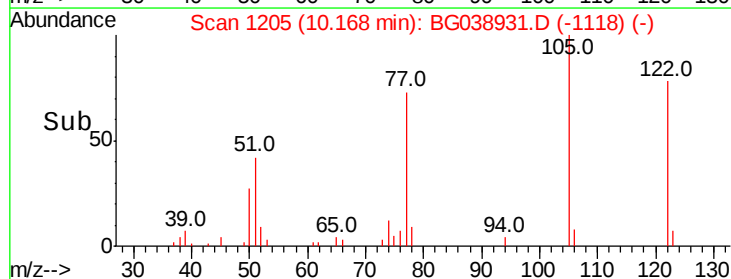
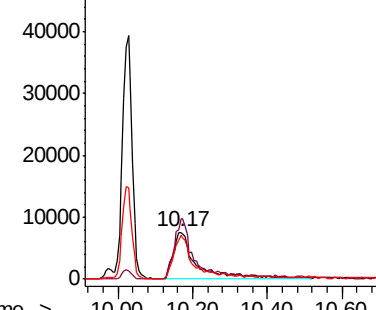


Abundance

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





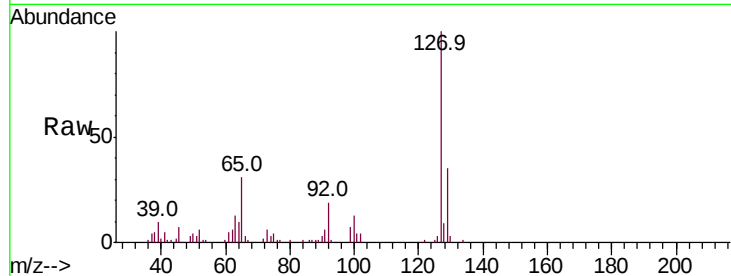
#33
4-Chloroaniline
Concen: 30.425 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.8	25.8	38.8	
65	30.8	27.8	41.6	
92	18.8	17.0	25.6	

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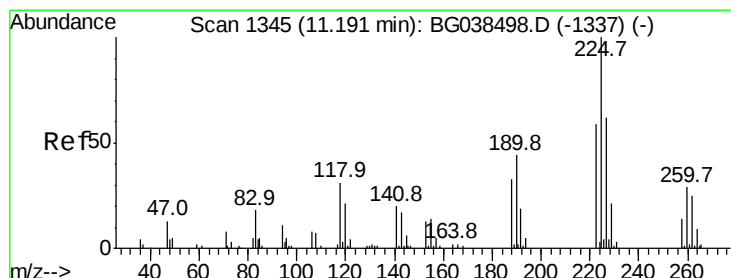
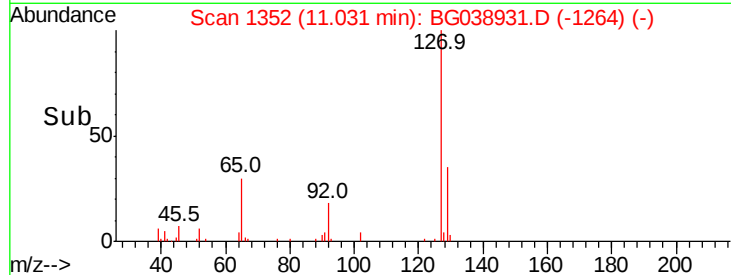
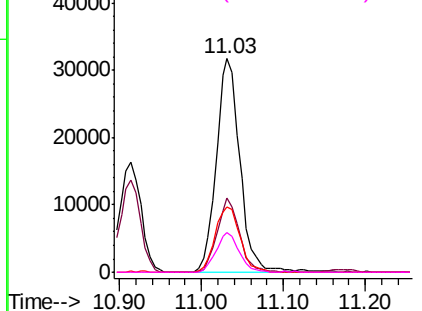
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

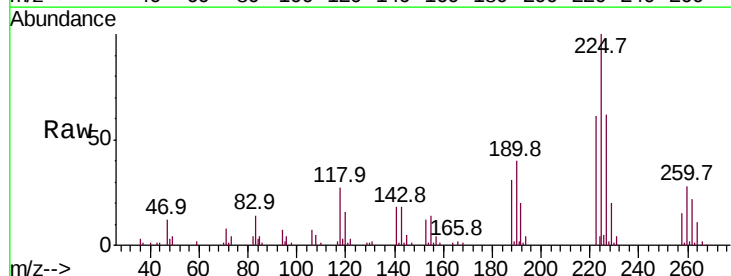
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.603 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.3	45.0	67.6	
227	61.5	50.6	75.8	

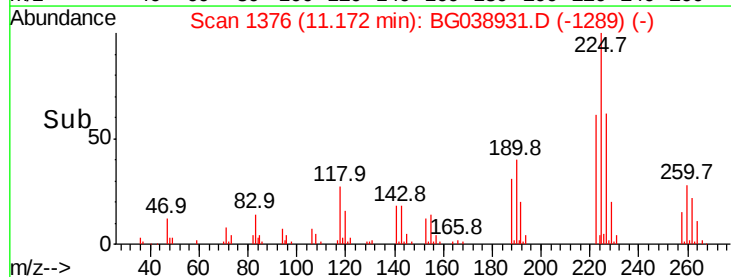
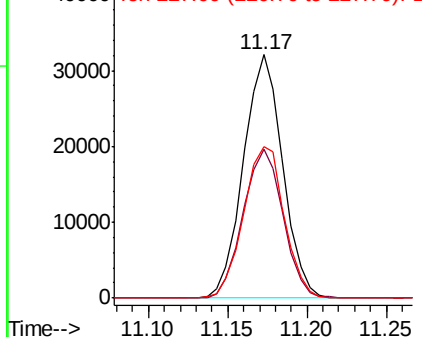


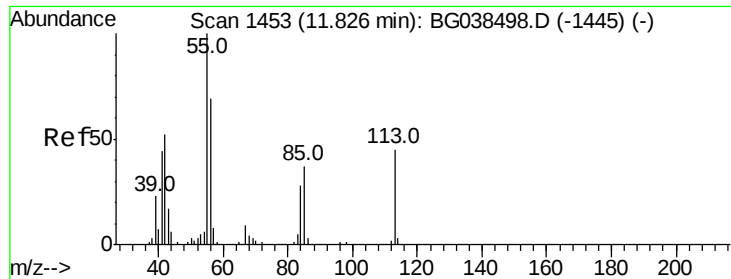
Abundance

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: 42.944 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

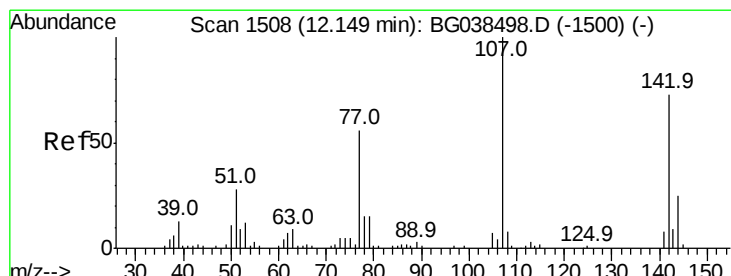
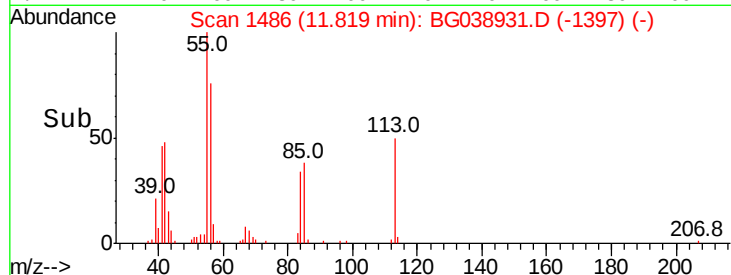
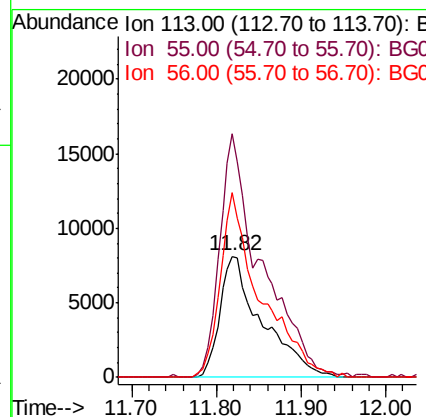
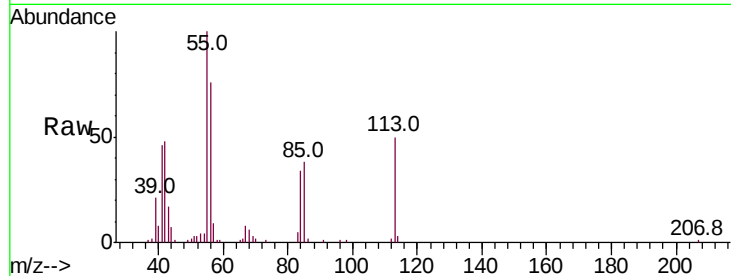
ClientSampleId :

PB116158BSD

Tot Ion:113 Resp: 28151
 Ion Ratio Lower Upper
 113 100
 55 200.8 204.3 244.3#
 56 152.9 135.0 175.0

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#36

4-Chloro-3-methylphenol

Concen: 46.606 ng

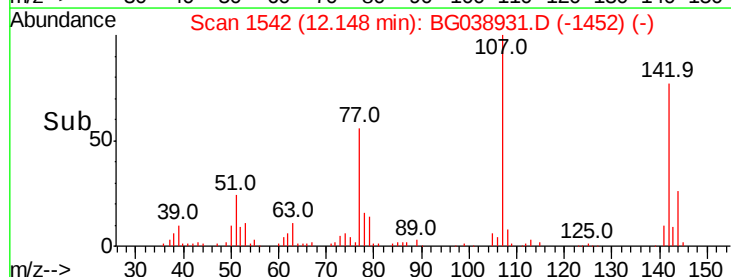
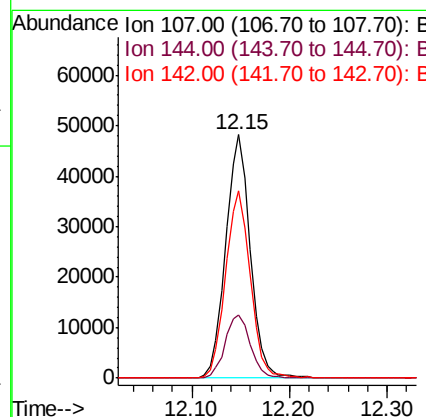
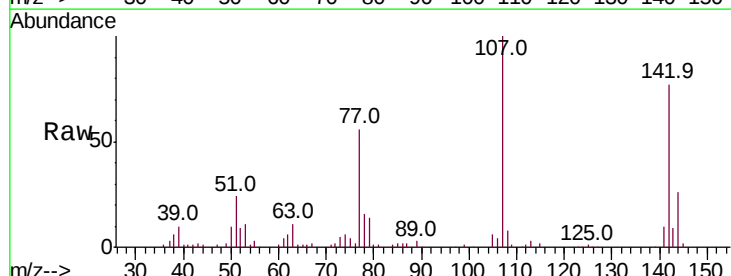
RT: 12.15 min Scan# 1542

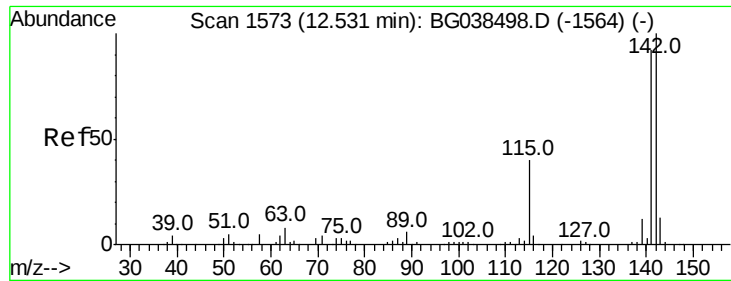
Delta R.T. -0.00 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:107 Resp: 84245
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.1 30.1
 142 77.0 58.7 88.1





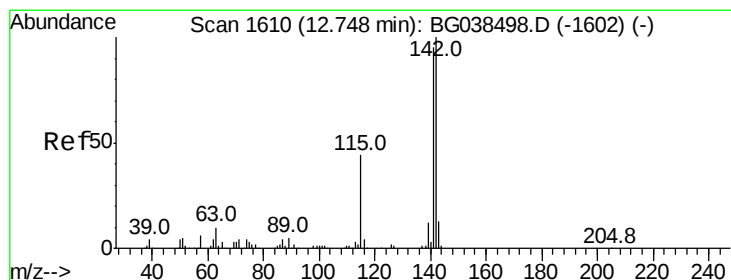
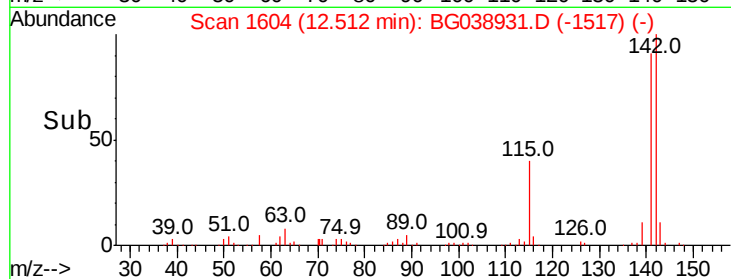
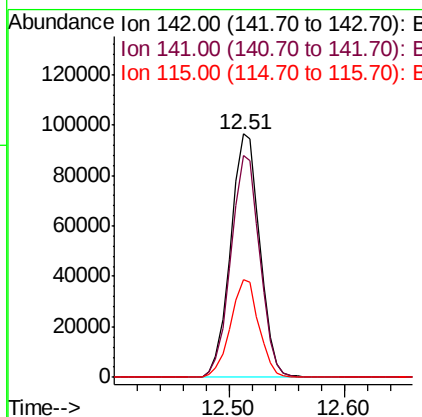
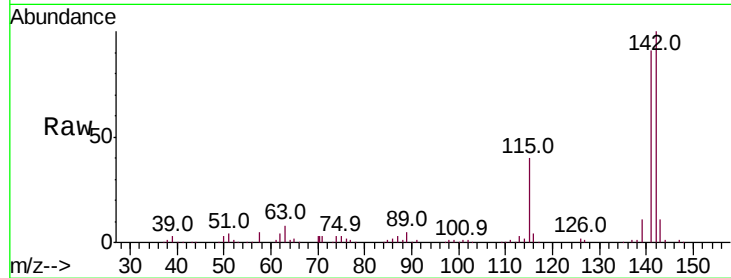
#37
 2-Methylnaphthalene
 Concen: 48.793 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.5	110.3
115	40.3	31.7	47.5

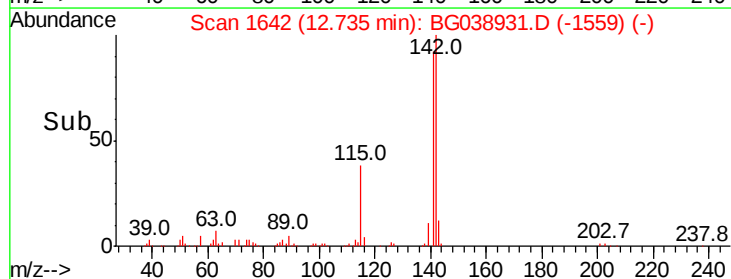
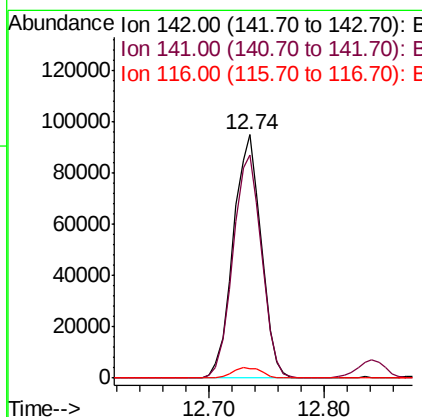
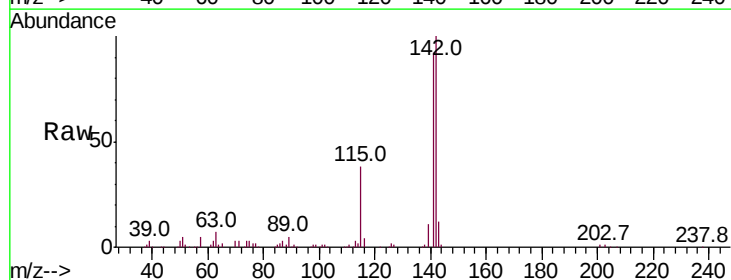
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#38
 1-Methylnaphthalene
 Concen: 47.513 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.8
116	3.9	3.6	5.4





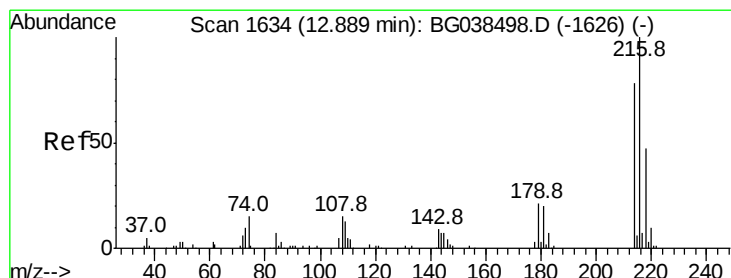
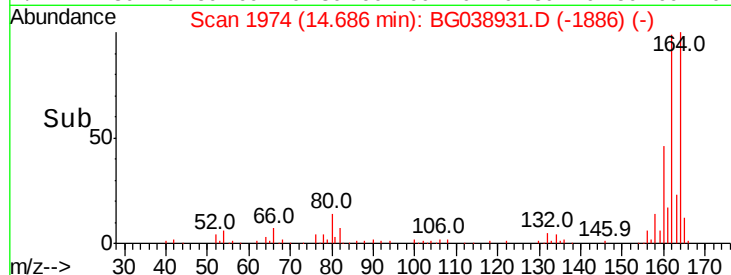
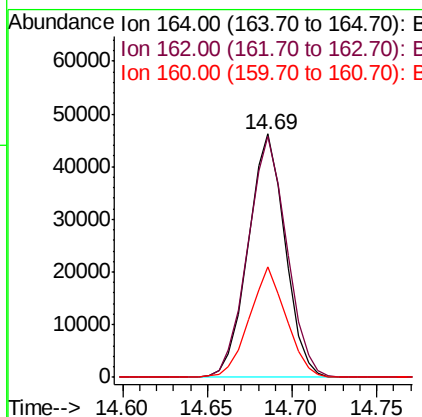
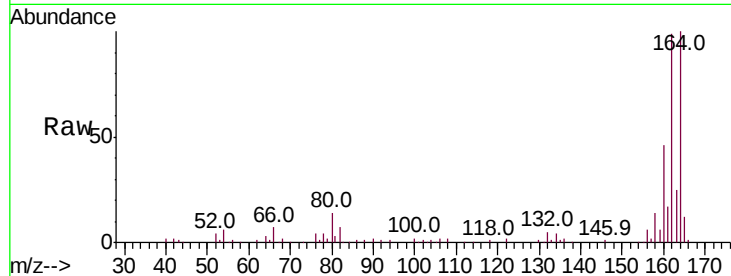
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	86.6	130.0
160	45.5	34.2	51.2

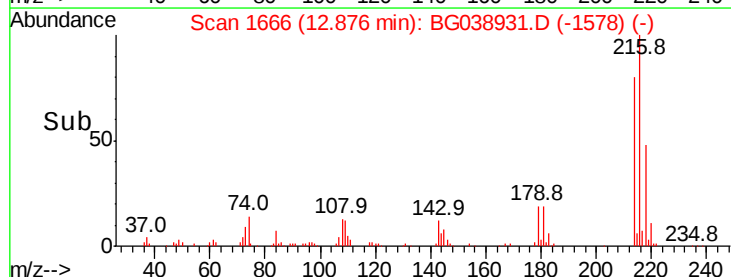
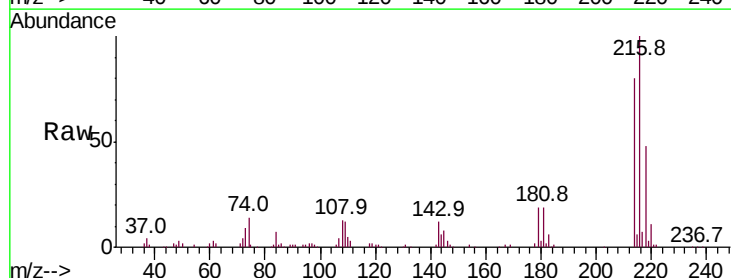
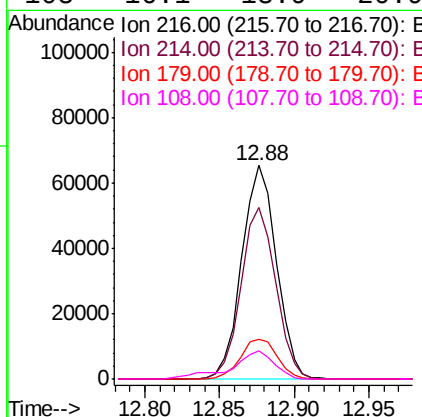
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.070 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	64.1	96.1
179	19.8	16.4	24.6
108	16.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 81.988 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

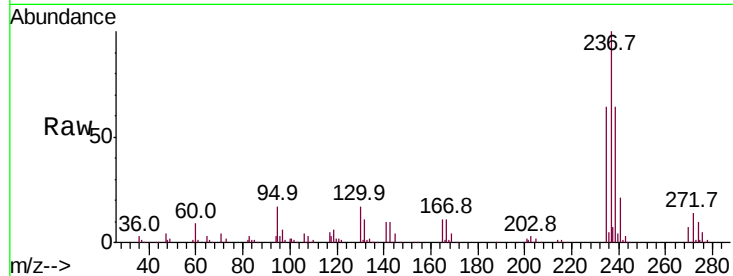
ClientSampleId :

PB116158BSD

Tot Ion:	237	Resp:	117997
Ion Ratio	Lower	Upper	
237	100		
235	64.2	38.8	78.8
272	13.9	0.0	32.0

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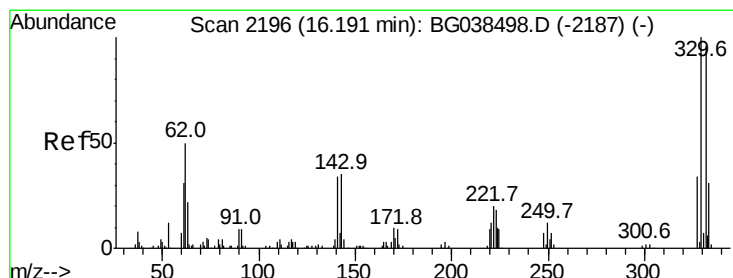
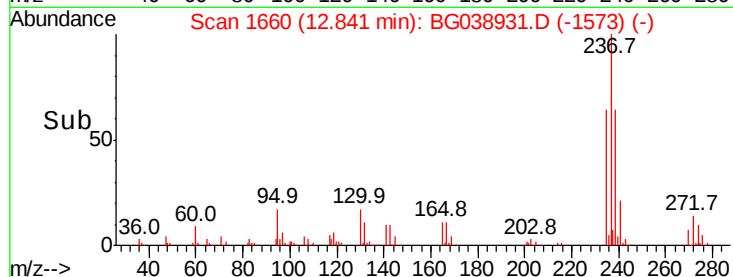
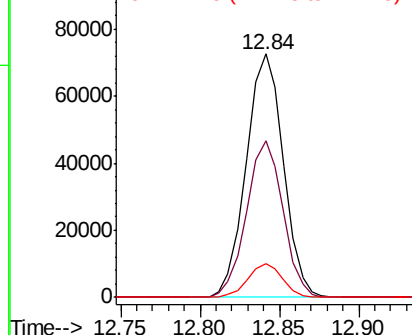


Abundance

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: 137.471 ng

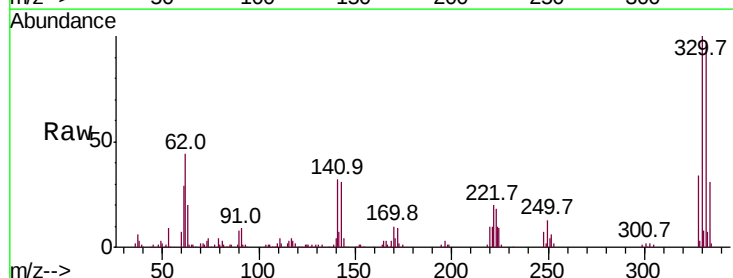
RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:	330	Resp:	132775
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.9	115.3
141	32.3	28.8	43.2

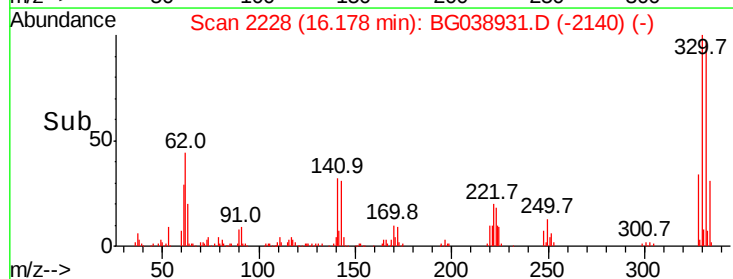
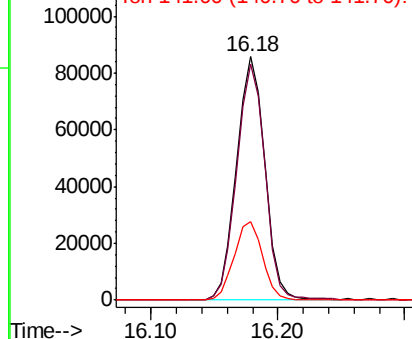


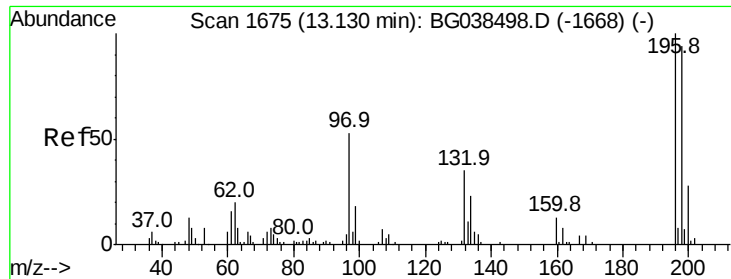
Abundance

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





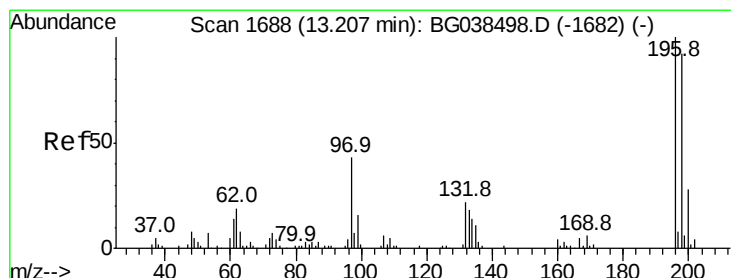
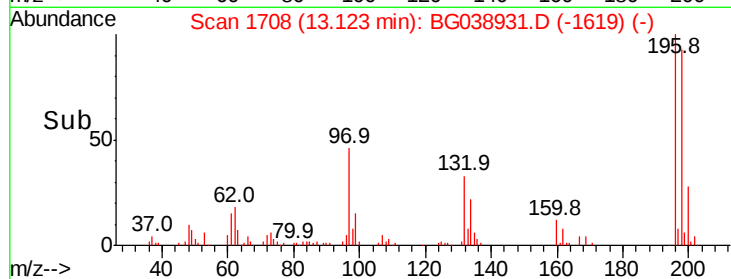
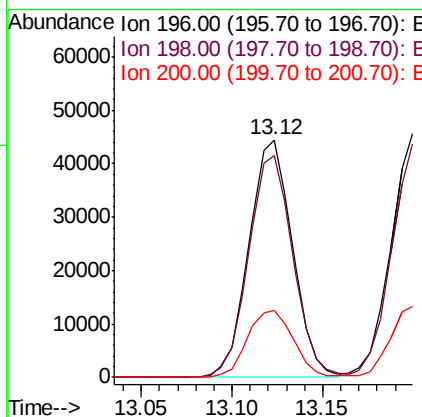
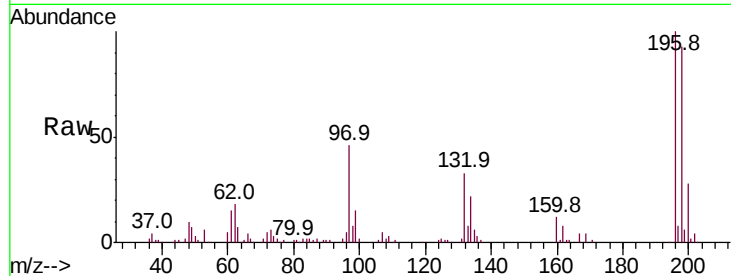
#43
 2,4,6-Trichlorophenol
 Concen: 46.045 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	74164		
198	93.3	75.0	112.4	
200	28.0	22.4	33.6	

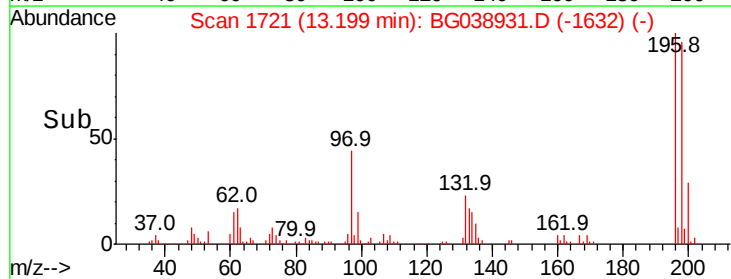
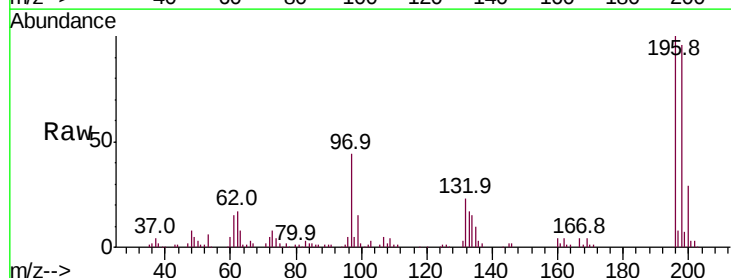
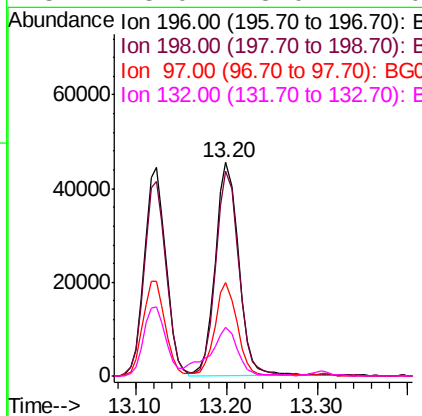
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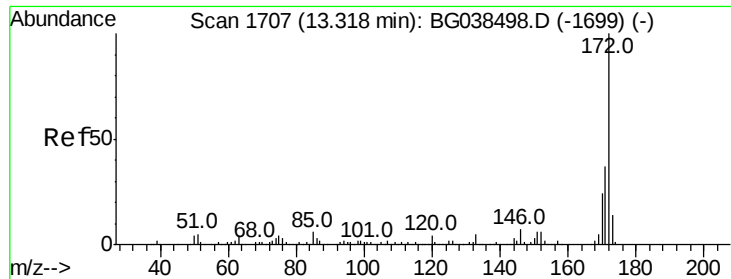
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#44
 2,4,5-Trichlorophenol
 Concen: 47.552 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81094		
198	95.9	74.0	111.0	
97	44.0	35.1	52.7	
132	23.0	18.0	27.0	





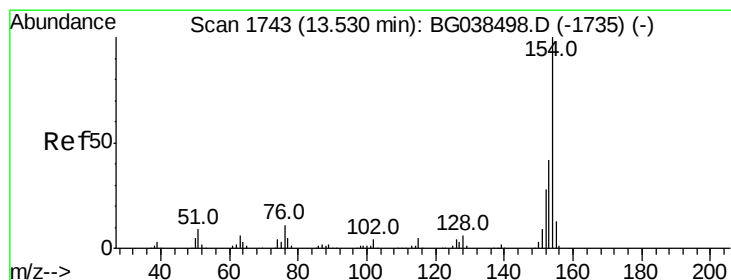
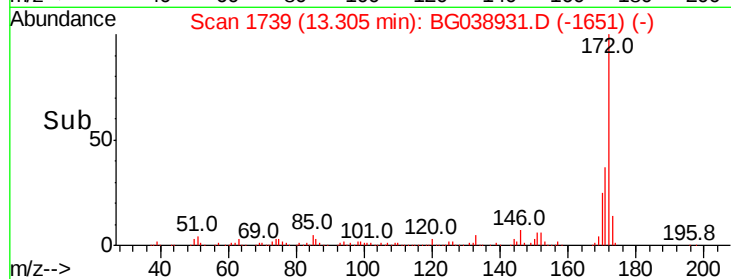
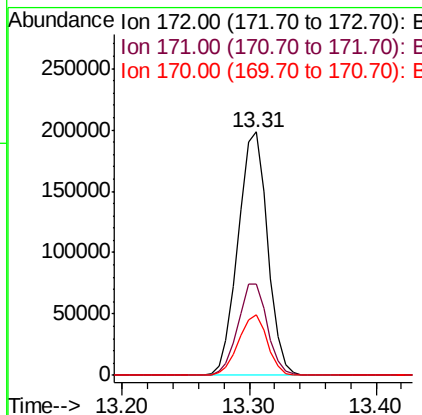
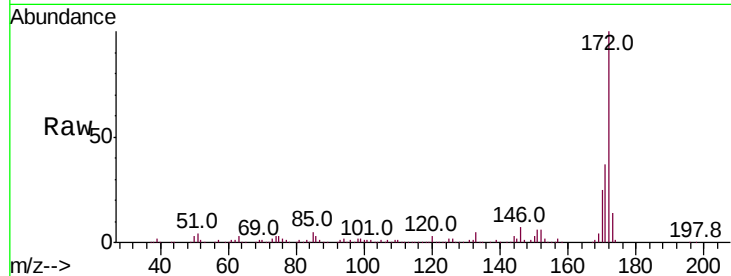
#45
2-Fluorobiphenyl
Concen: 62.576 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	319671		
171	37.3	29.8	44.6	
170	24.8	19.5	29.3	

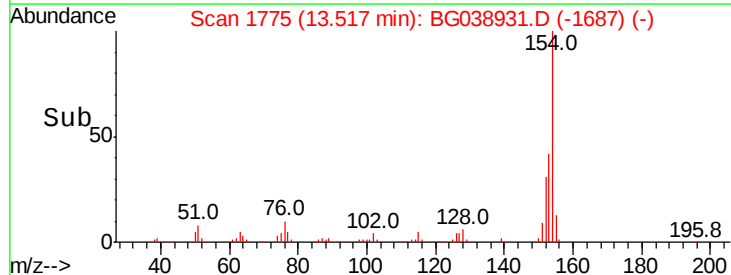
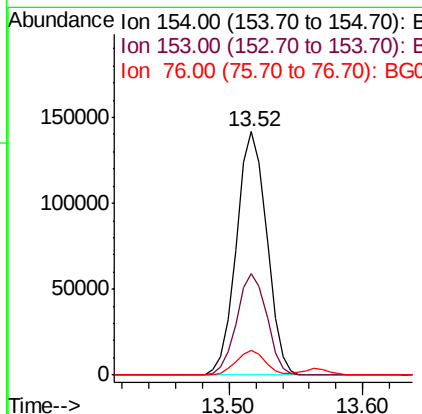
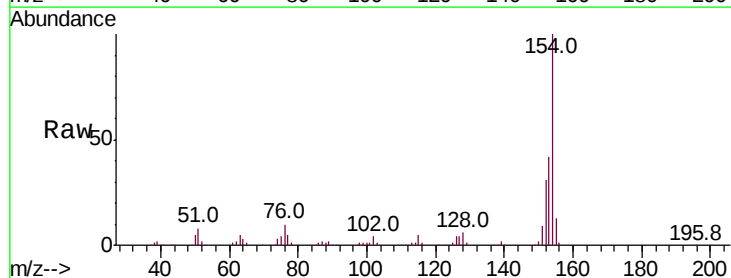
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#46
1,1'-Biphenyl
Concen: 37.929 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	222836		
153	41.7	22.1	62.1	
76	10.0	0.0	31.2	





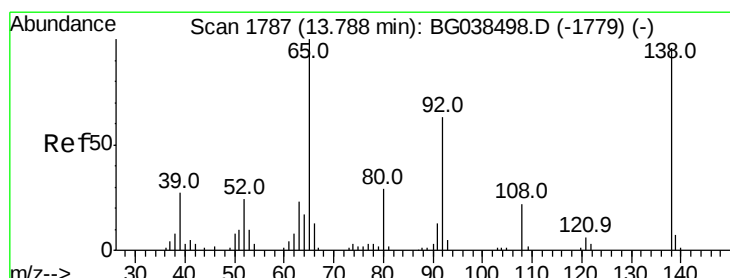
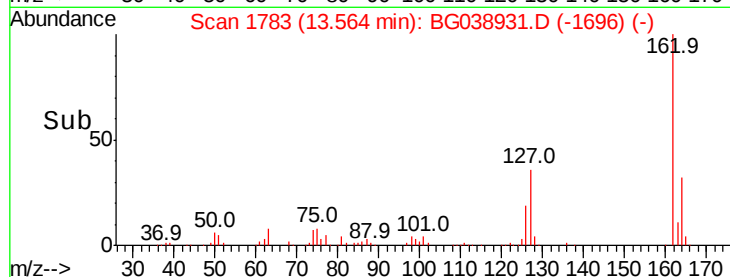
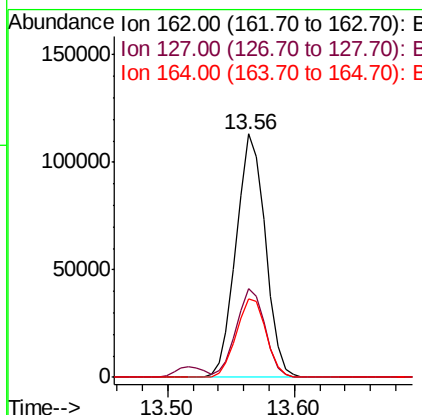
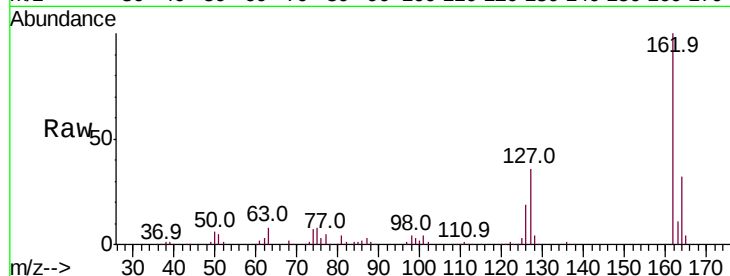
#47
2-Chloronaphthalene
Concen: 39.761 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	27.8	41.8
164	32.3	26.9	40.3

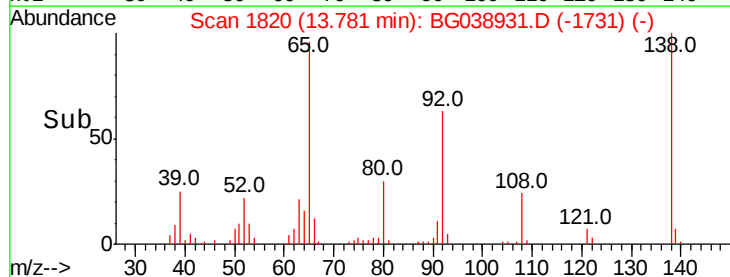
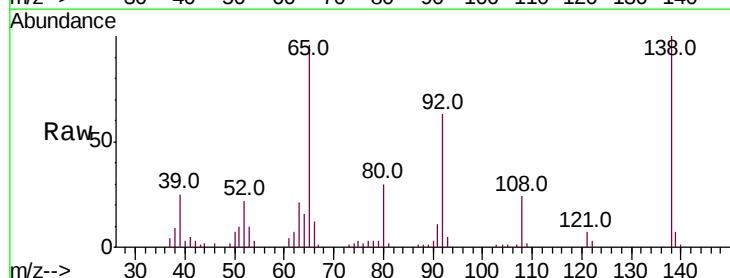
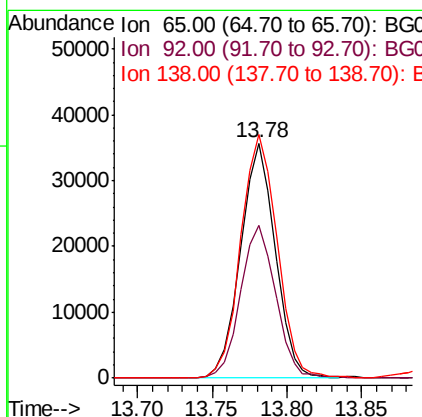
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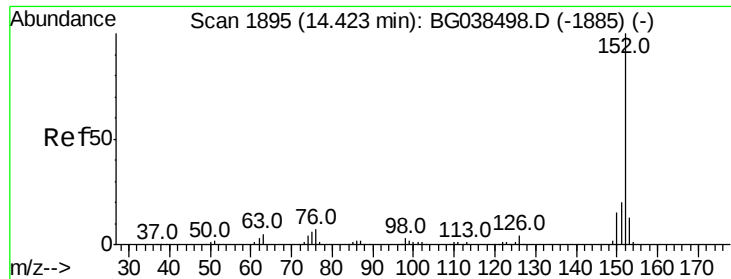
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#48
2-Nitroaniline
Concen: 39.715 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	50.0	75.0
138	103.7	76.9	115.3





#49

Acenaphthylene

Concen: 44.316 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

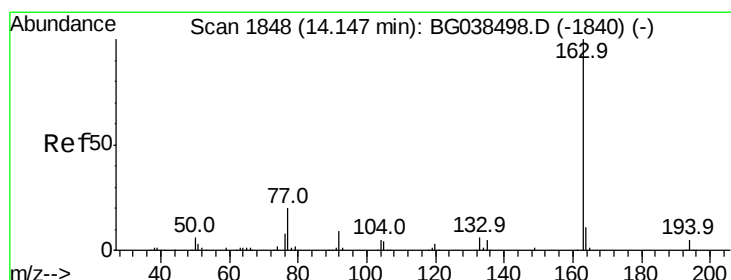
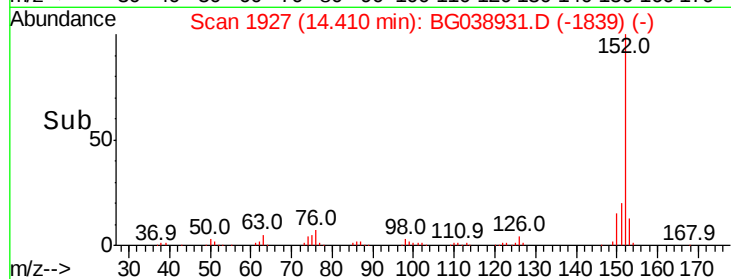
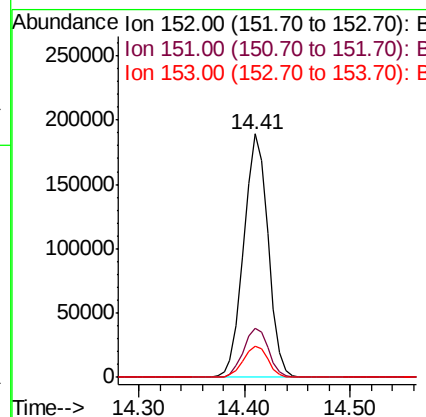
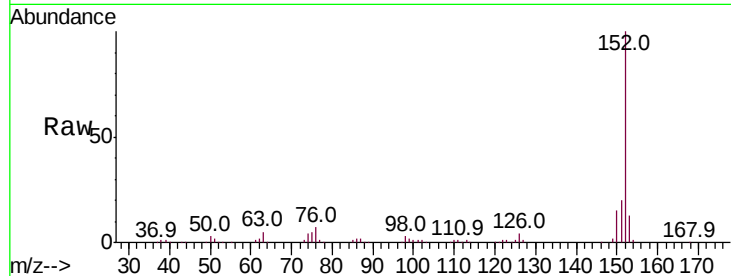
ClientSampleId :

PB116158BSD

Tot Ion:	152	Resp:	300654
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	12.8	10.4	15.6

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#50

Dimethylphthalate

Concen: 42.467 ng

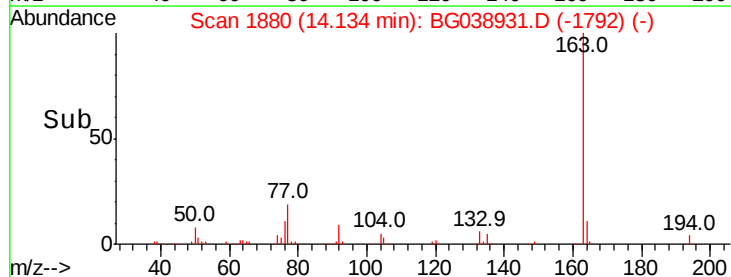
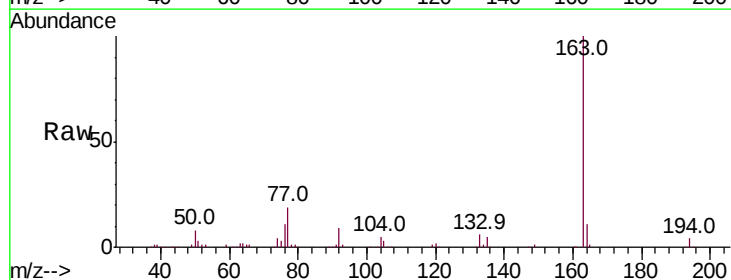
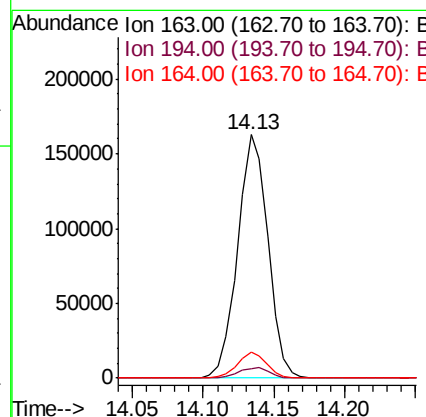
RT: 14.13 min Scan# 1880

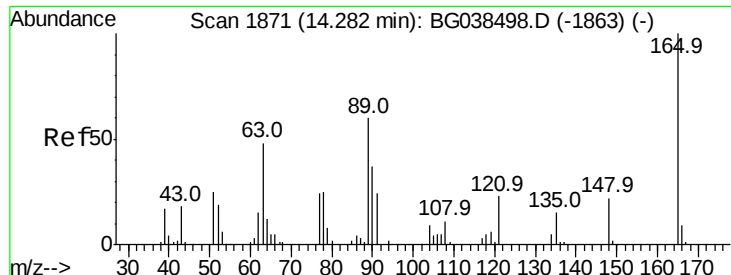
Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:	163	Resp:	243043
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	10.6	8.6	12.8





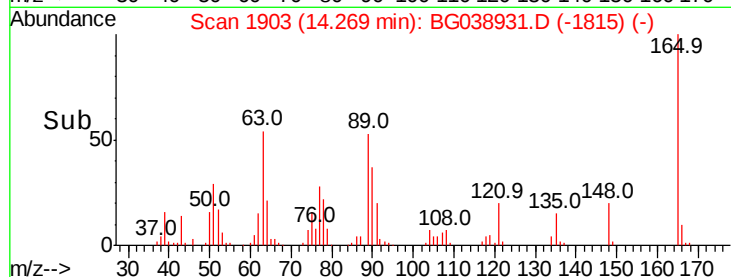
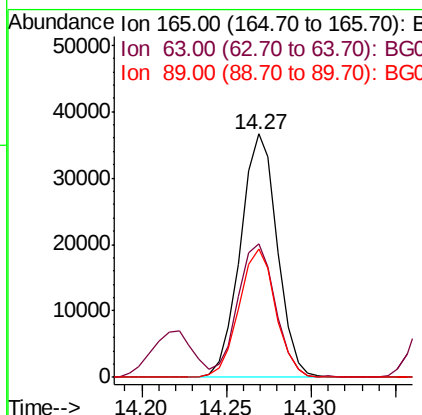
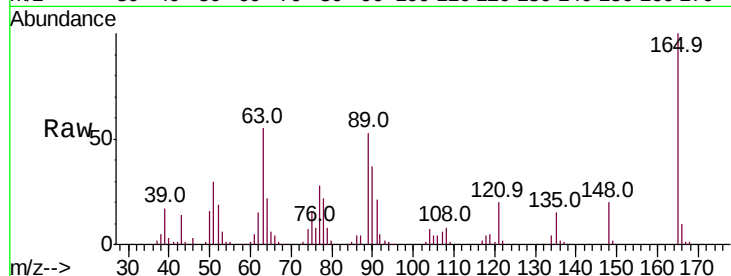
#51
2,6-Dinitrotoluene
Concen: 42.832 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampled :
PB116158BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.7	51.8	77.6
89	52.8	47.9	71.9

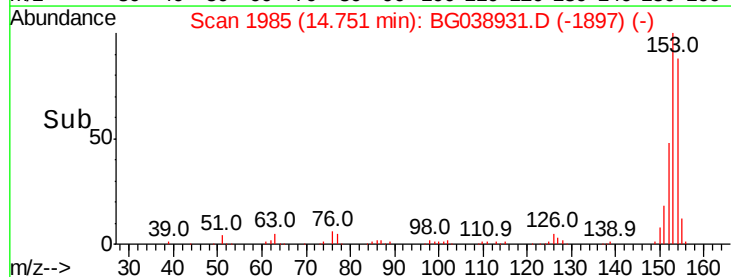
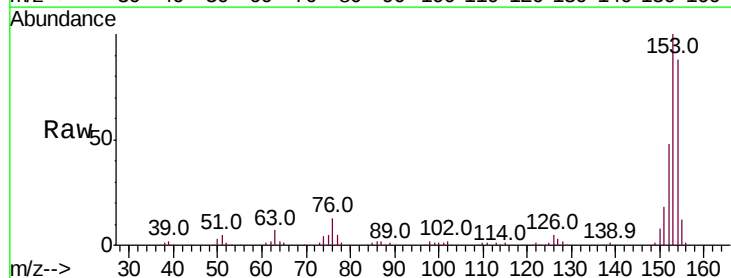
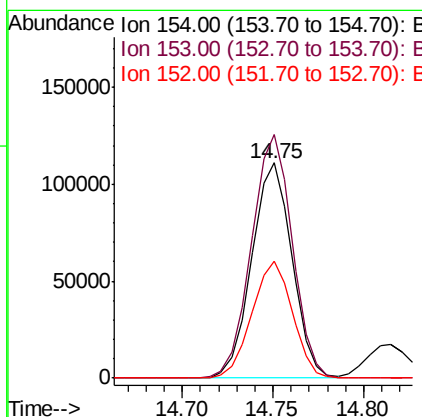
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#52
Acenaphthene
Concen: 42.225 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.1	90.6	136.0
152	54.5	43.5	65.3





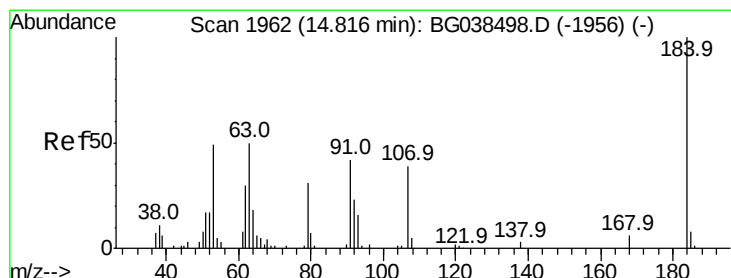
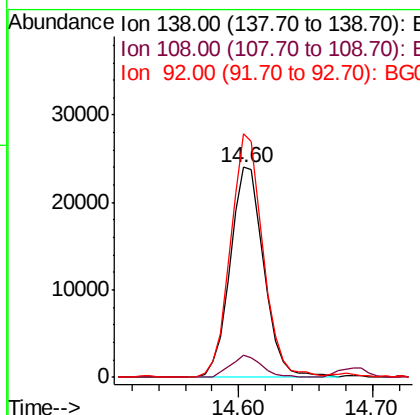
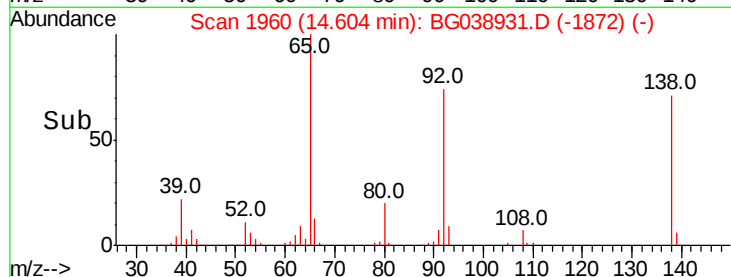
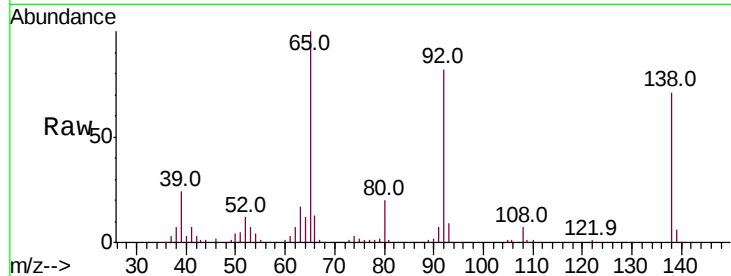
#53
3-Nitroaniline
Concen: 31.861 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion:138 Resp: 42123
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 116.1 95.3 142.9

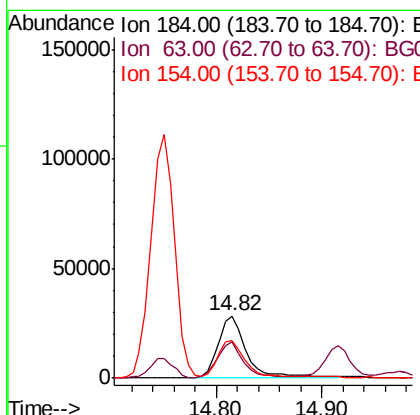
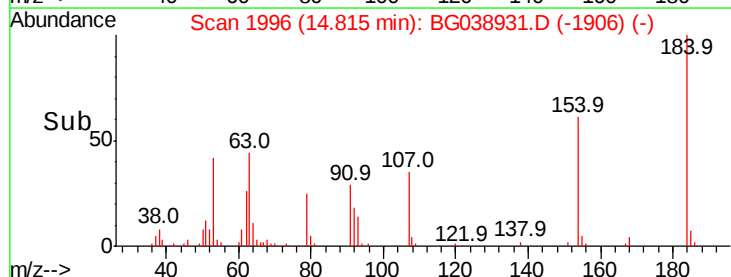
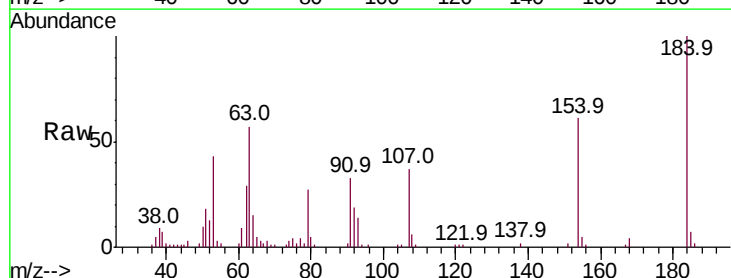
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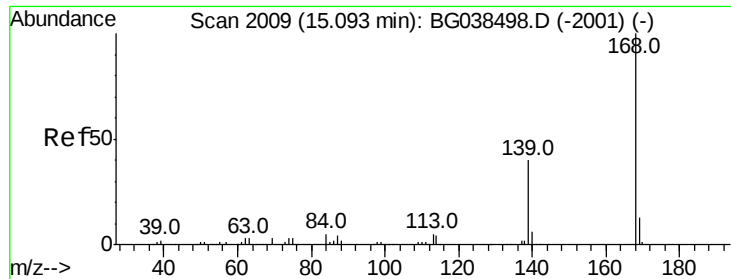
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#54
2,4-Dinitrophenol
Concen: 69.758 ng
RT: 14.82 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion:184 Resp: 53284
Ion Ratio Lower Upper
184 100
63 57.3 47.0 70.6
154 60.9 50.3 75.5





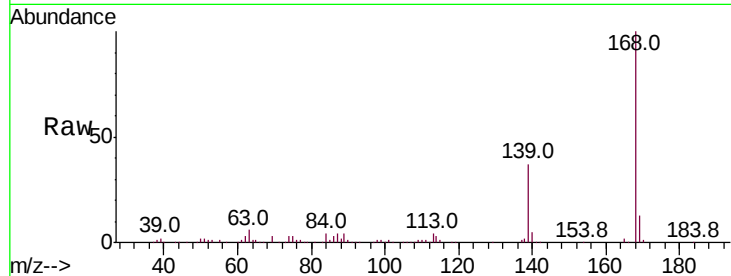
#55
Dibenzofuran
Concen: 42.535 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	32.2	48.2
169	13.5	10.6	16.0

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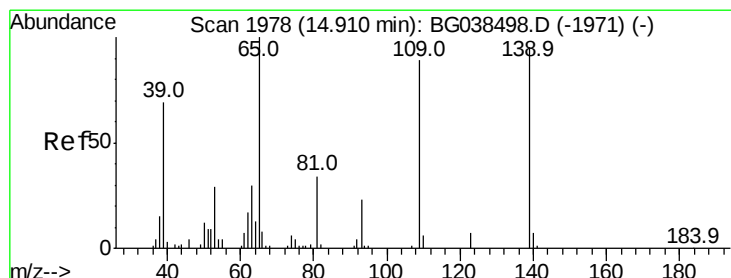
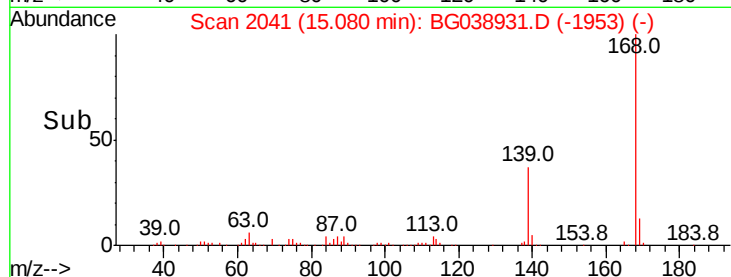
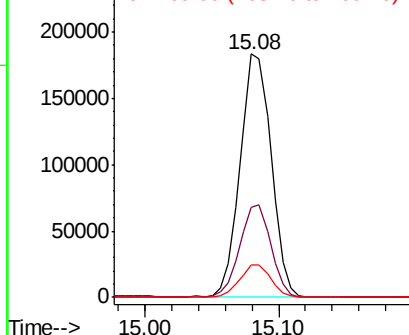


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 78.985 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

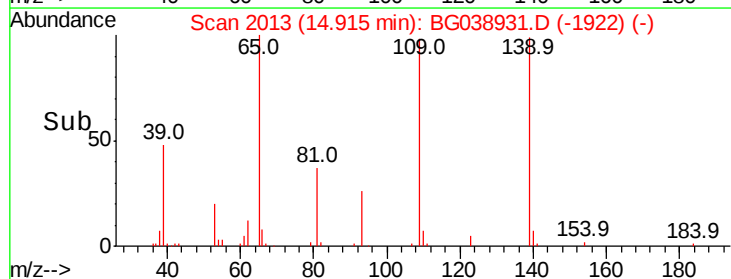
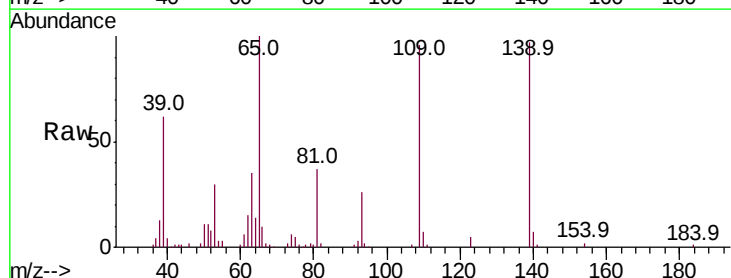
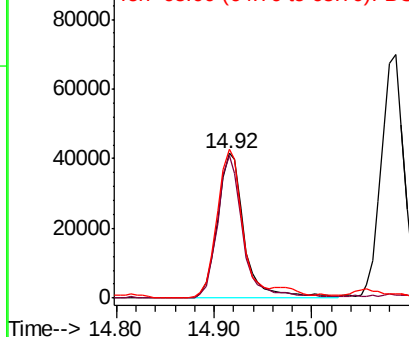
Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.8	73.6	113.6
65	103.1	84.8	124.8

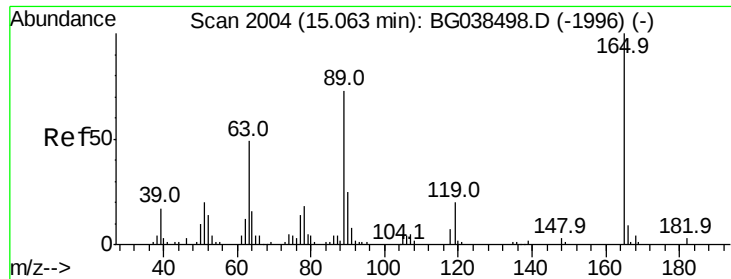
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





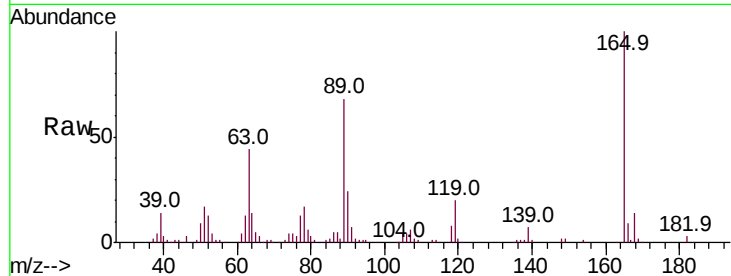
#57
2,4-Dinitrotoluene
Concen: 43.679 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	39.0	58.4	
89	68.3	58.0	87.0	
182	2.8	2.3	3.5	

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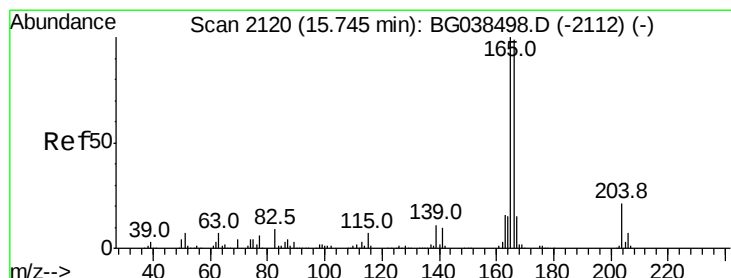
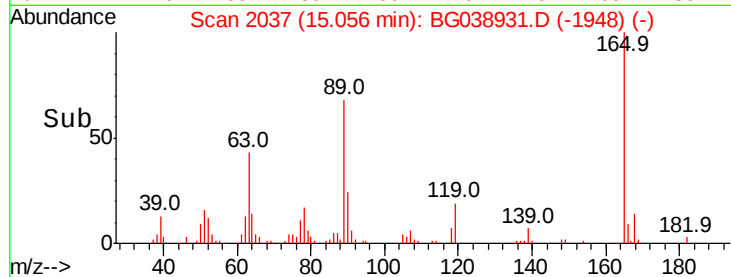
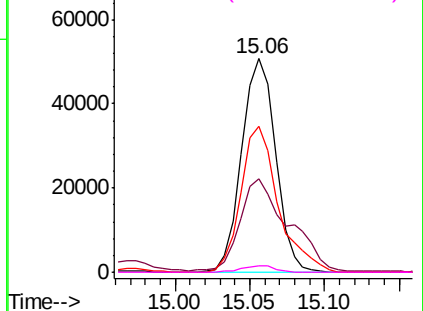
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

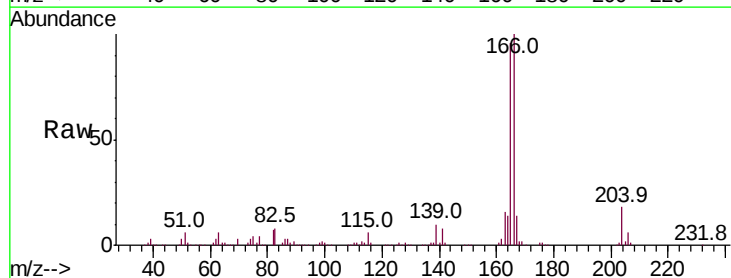
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.833 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.6	80.6	120.8	
167	14.1	12.0	18.0	

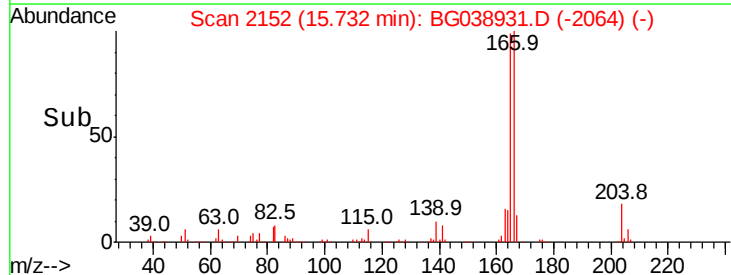
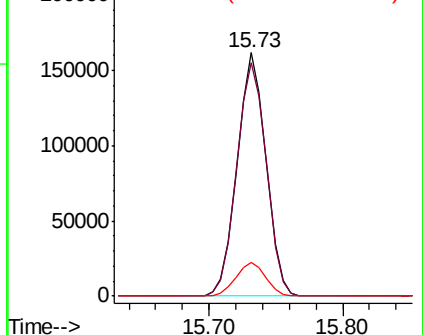


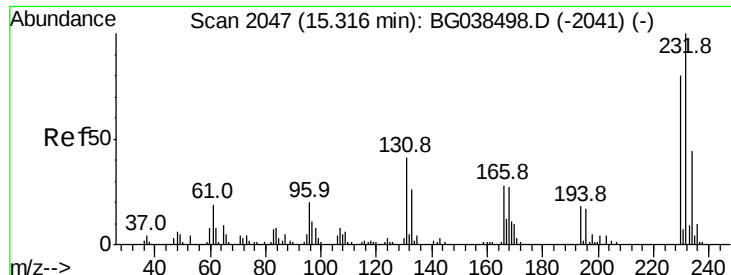
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





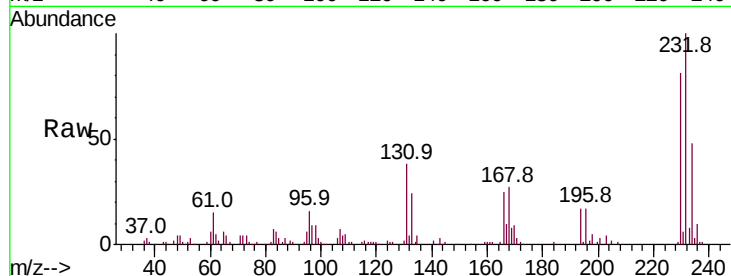
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.320 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

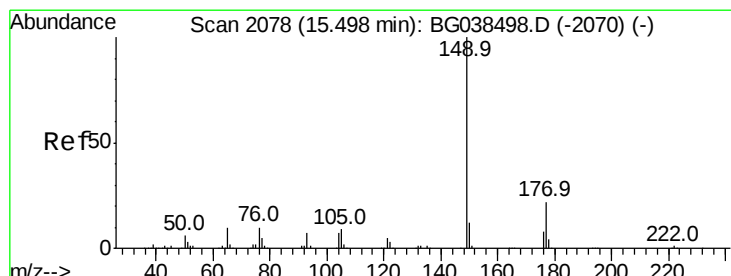
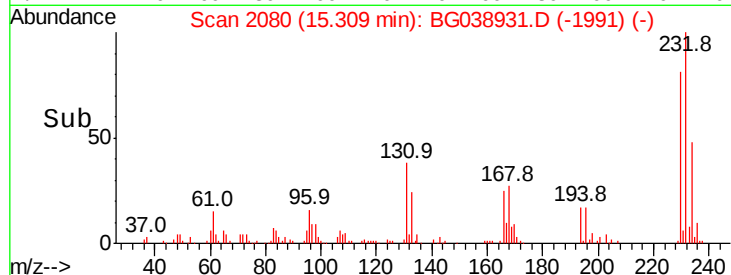
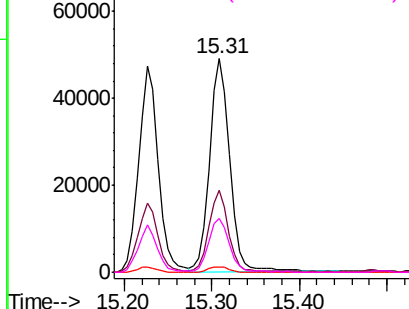
Tot Ion:	232	Resp:	78740
Ion Ratio	Lower	Upper	
232	100		
131	36.2	33.0	49.4
130	2.4	2.0	3.0
166	26.0	23.1	34.7

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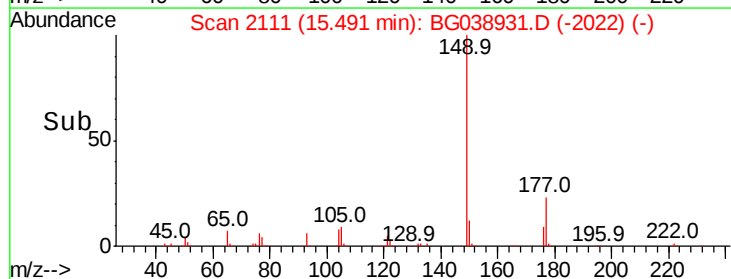
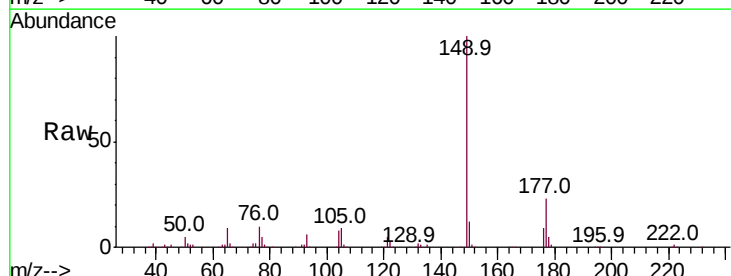
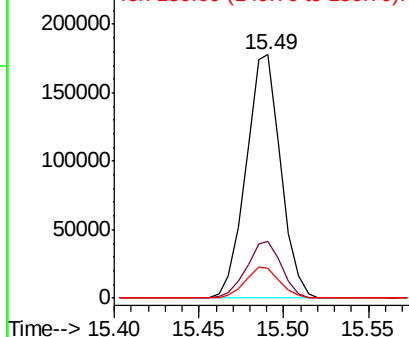
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

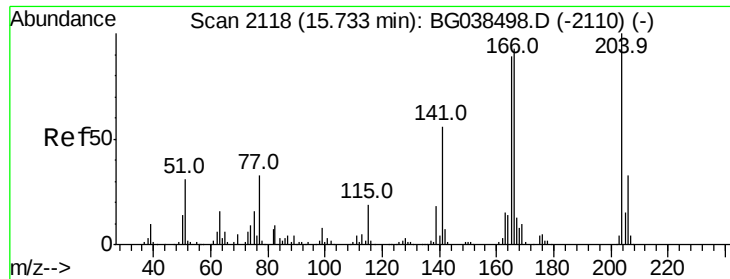


#60
 Diethylphthalate
 Concen: 40.206 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:	149	Resp:	252599
Ion Ratio	Lower	Upper	
149	100		
177	23.2	17.7	26.5
150	12.1	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





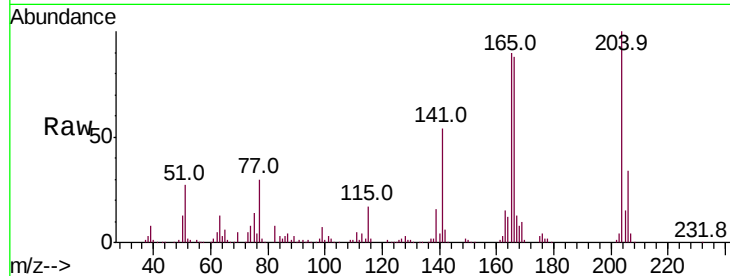
#61
4-Chlorophenyl-phenylether
Concen: 42.163 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.0	39.0
141	54.0	44.4	66.6

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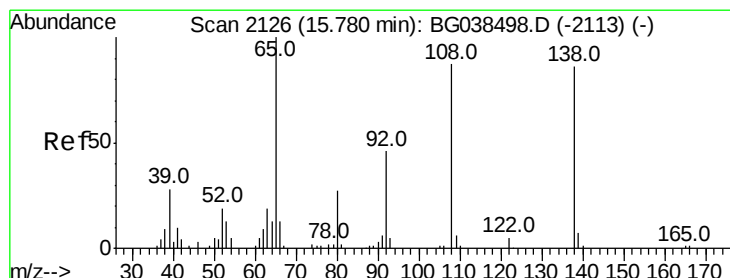
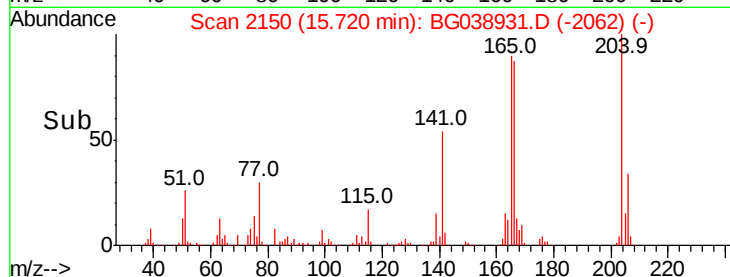
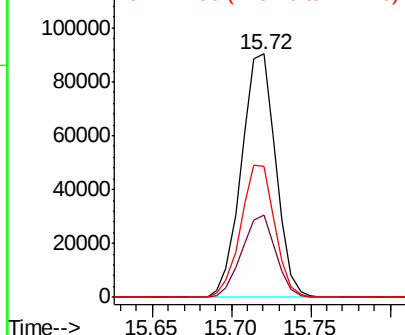


Abundance

Ion 204.00 (203.70 to 204.70): E

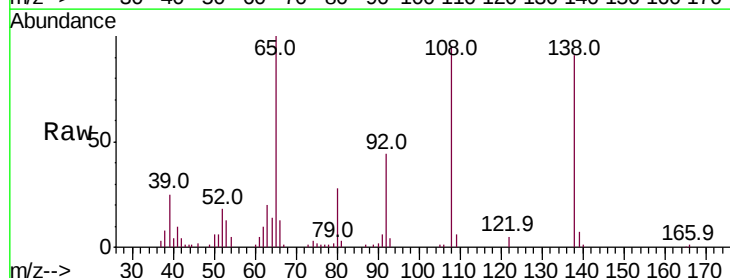
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.901 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	33.3	73.3
108	105.0	81.4	121.4

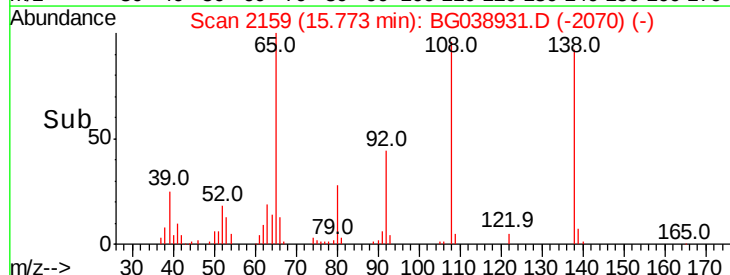
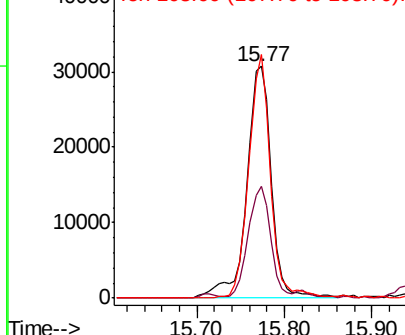


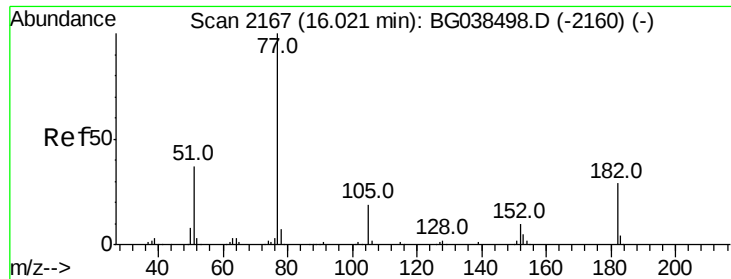
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





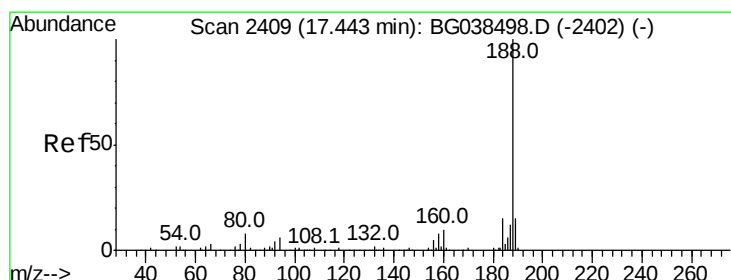
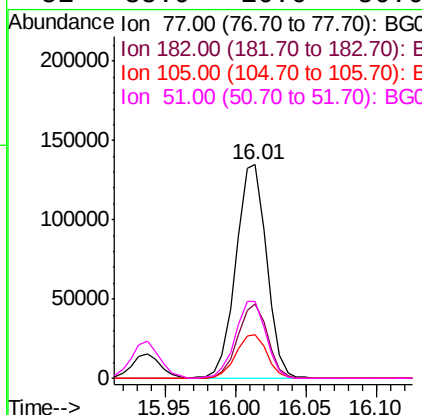
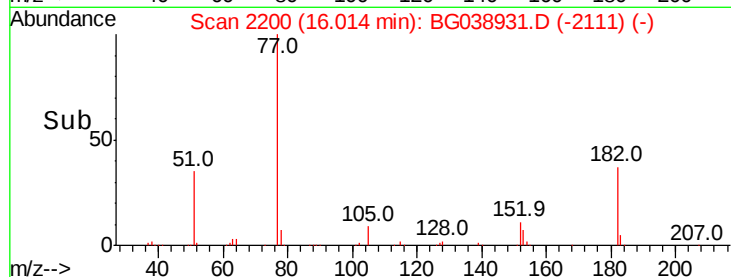
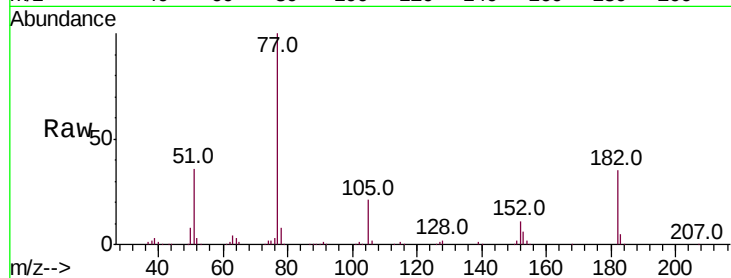
#63
Azobenzene
Concen: 38.960 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.0	8.7	48.7	
105	20.7	0.0	38.7	
51	35.9	16.6	56.6	

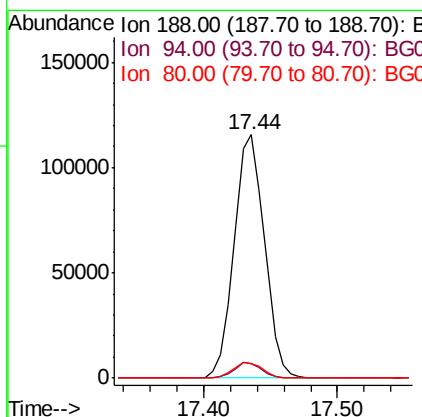
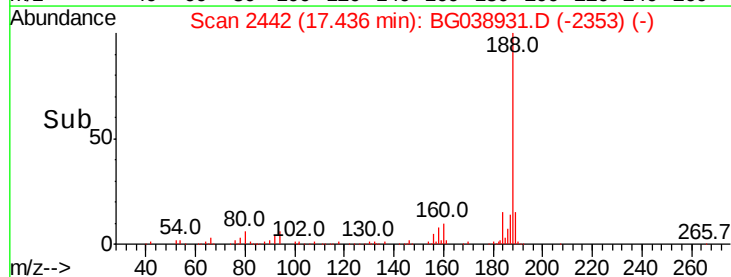
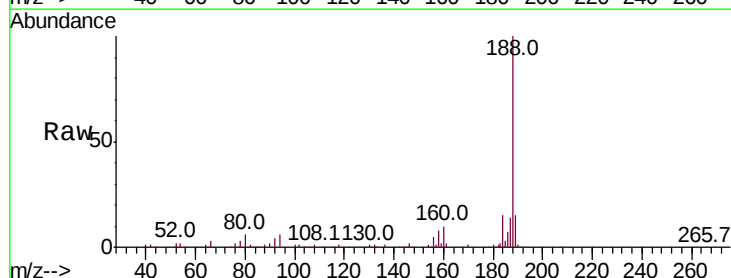
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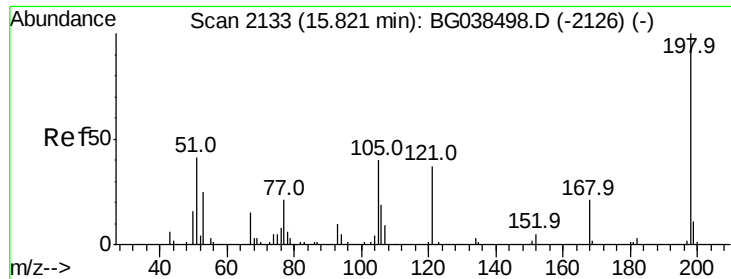
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.1	7.7	
80	6.2	6.1	9.1	





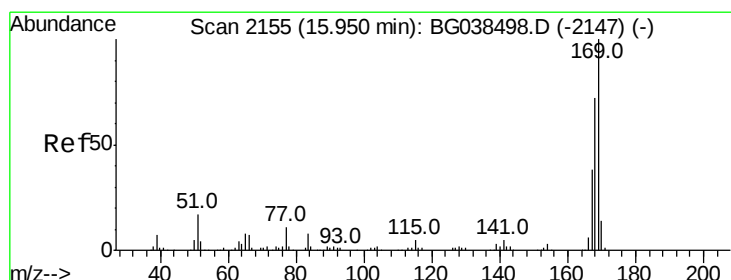
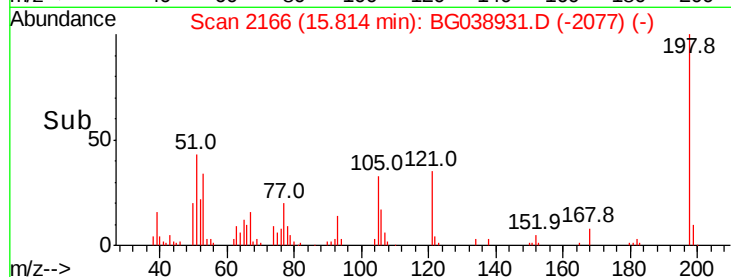
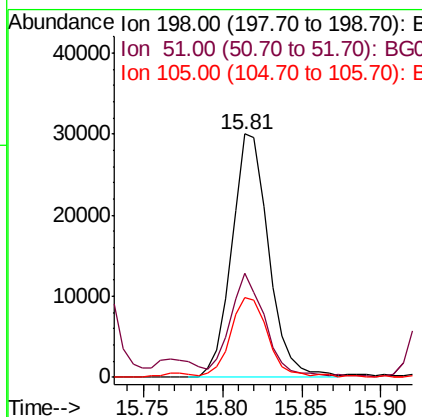
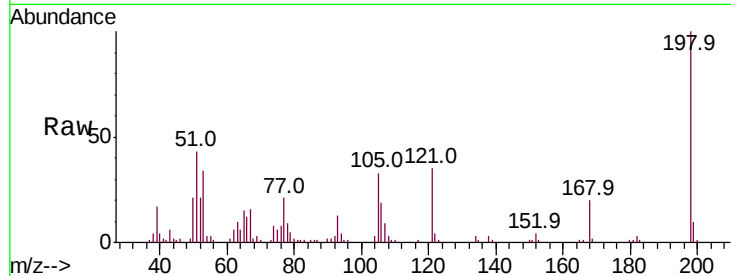
#65
4,6-Dinitro-2-methylphenol
Concen: 37.217 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	48419		
51	42.9	28.6	68.6	
105	32.9	20.4	60.4	

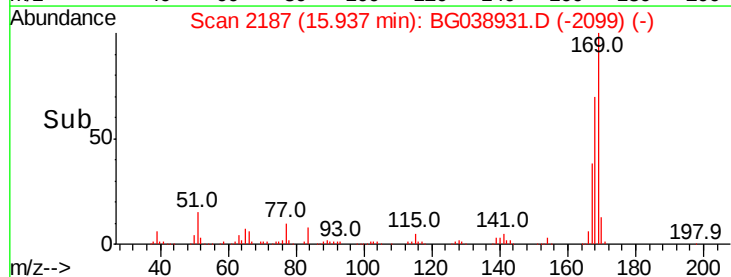
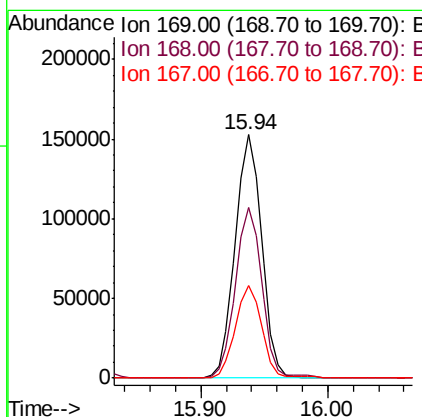
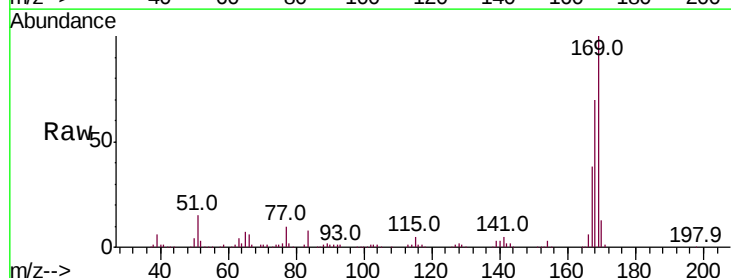
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#66
n-Nitrosodiphenylamine
Concen: 41.278 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	221197		
168	69.9	57.5	86.3	
167	37.8	30.2	45.2	





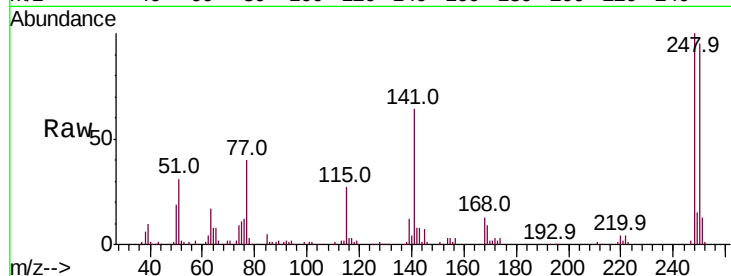
#67
 4-Bromophenyl-phenylether
 Concen: 42.200 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	73.4	110.2
141	64.3	52.9	79.3

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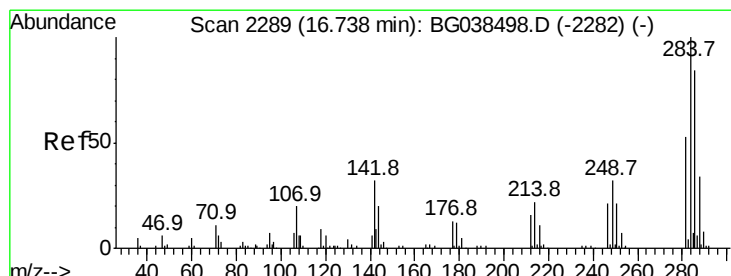
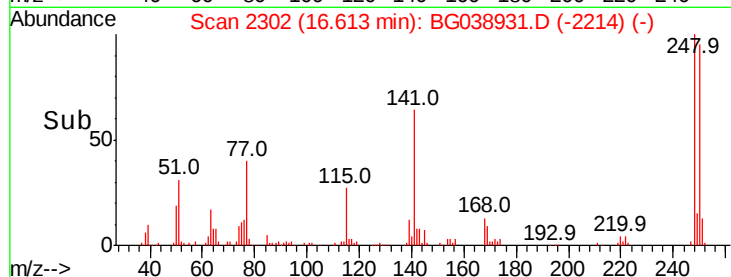
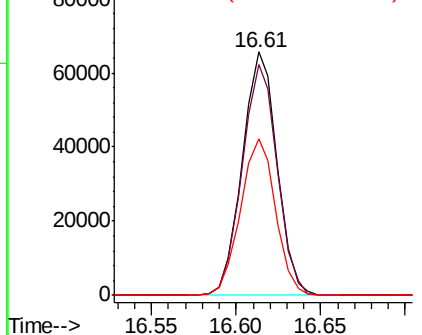


Abundance

Ion 248.00 (247.70 to 248.70): E

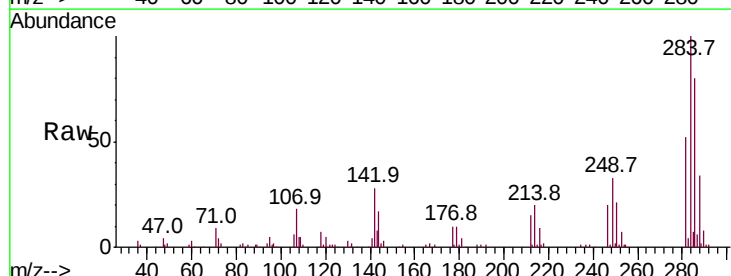
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 43.814 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	25.8	38.6
249	35.0	27.0	40.4

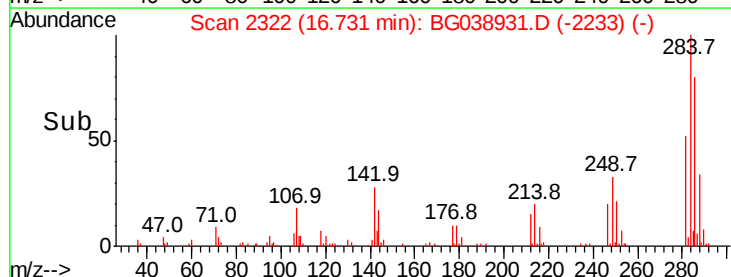
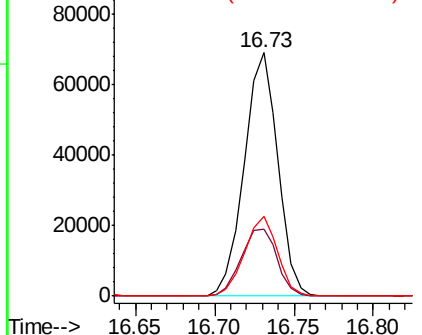


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





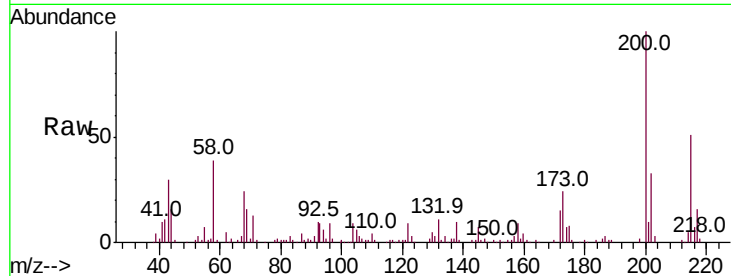
#69
 Atrazine
 Concen: 46.015 ng
 RT: 16.88 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	5.9	45.9
215	51.2	33.1	73.1

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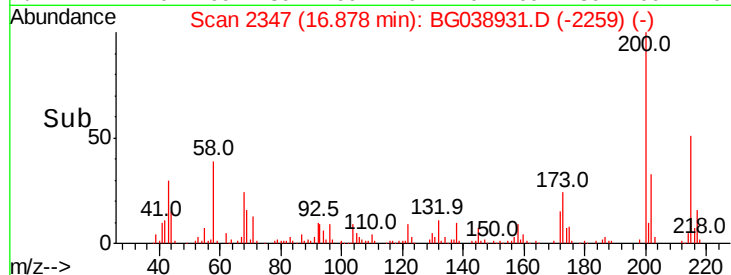
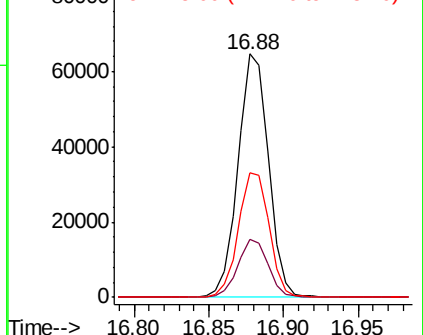


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 73.896 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

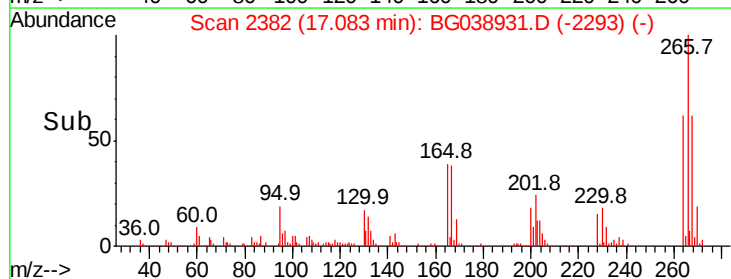
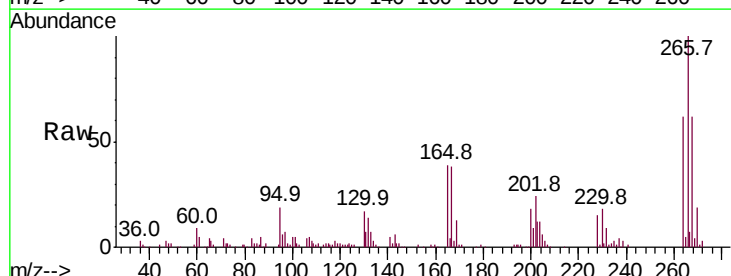
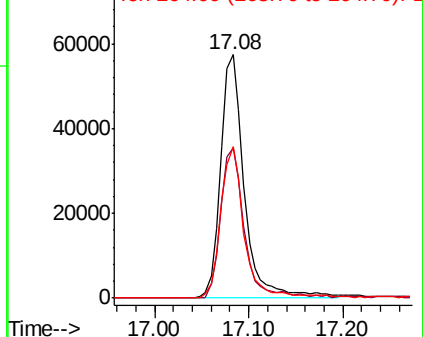
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	55.0	82.6
264	66.7	56.7	85.1

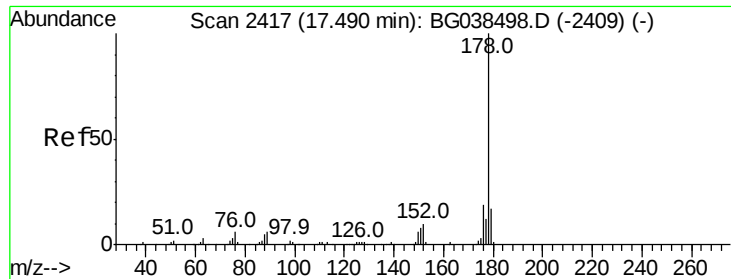
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





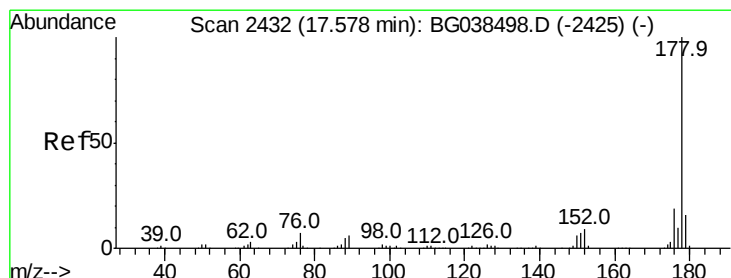
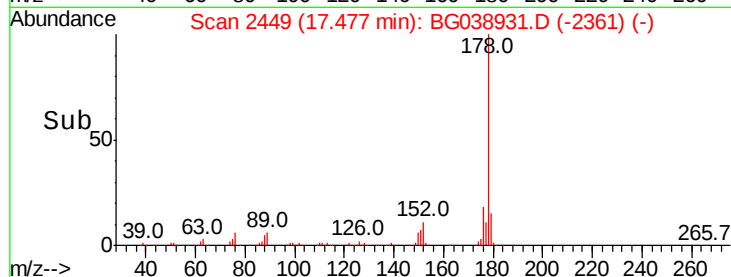
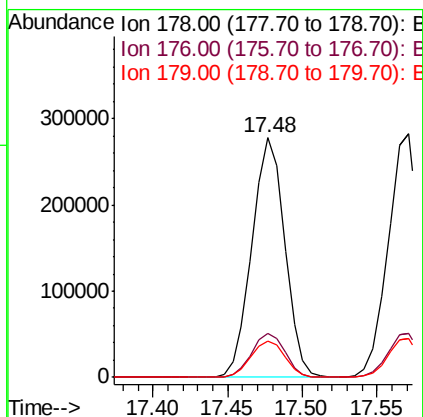
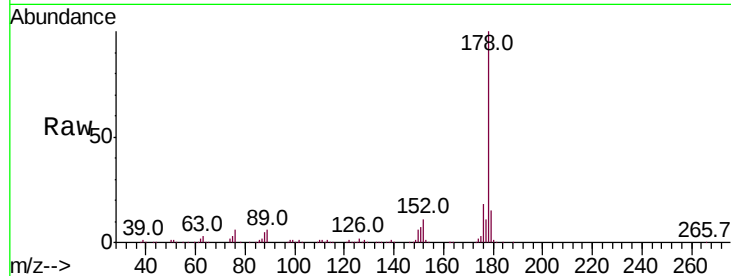
#71
Phenanthrene
Concen: 44.738 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.2	13.2	19.8

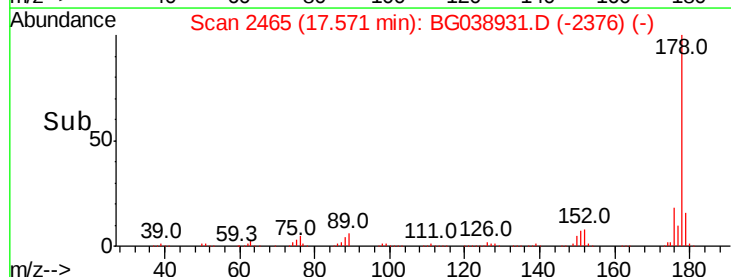
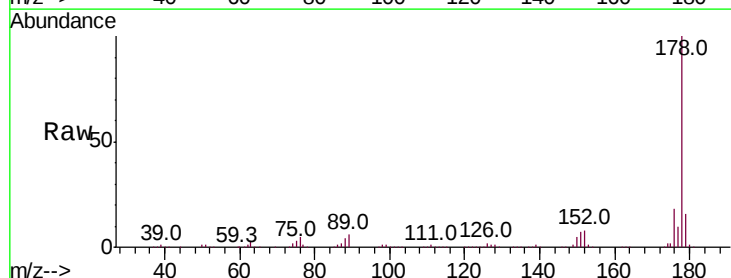
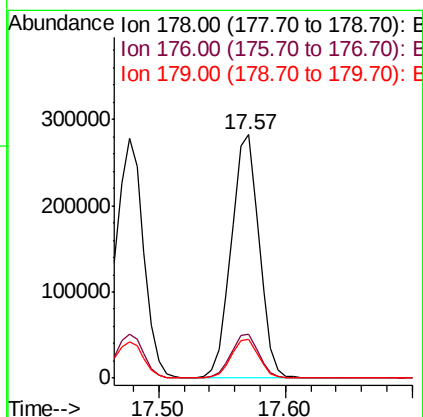
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#72
Anthracene
Concen: 45.743 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.1	12.9	19.3





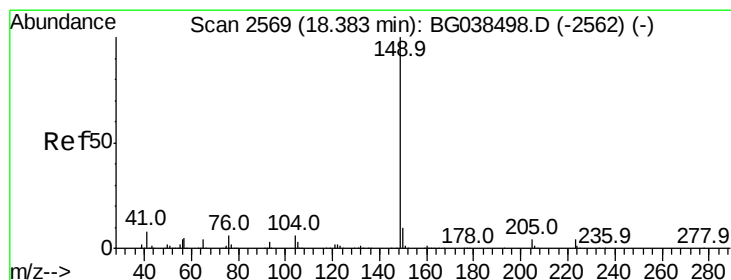
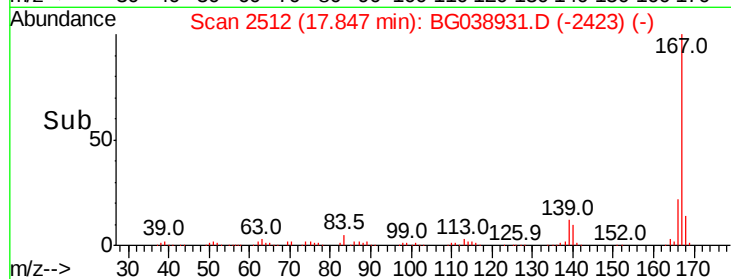
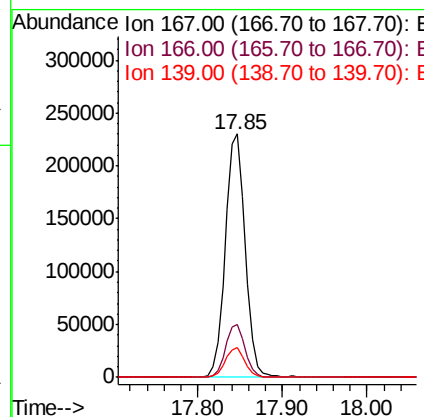
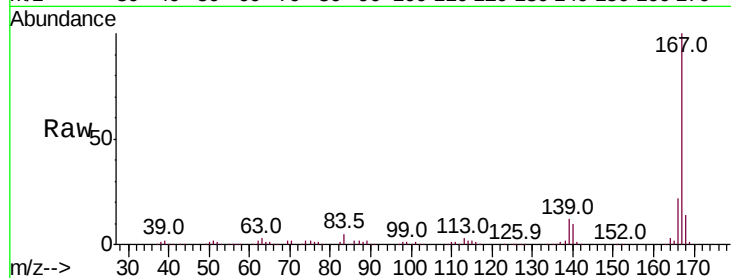
#73
 Carbazole
 Concen: 40.589 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.8	17.9	26.9	
139	12.4	10.2	15.2	

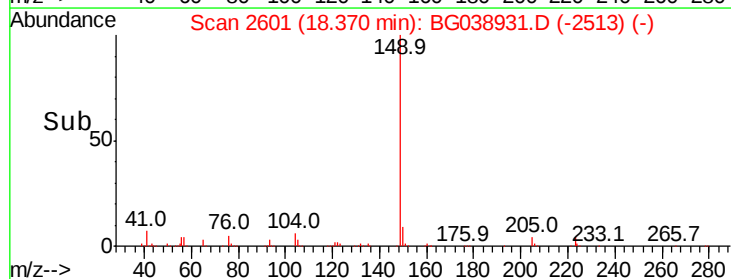
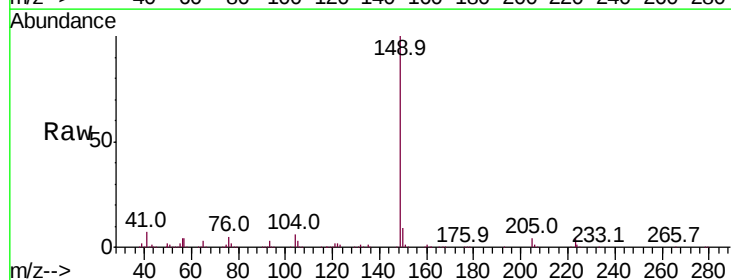
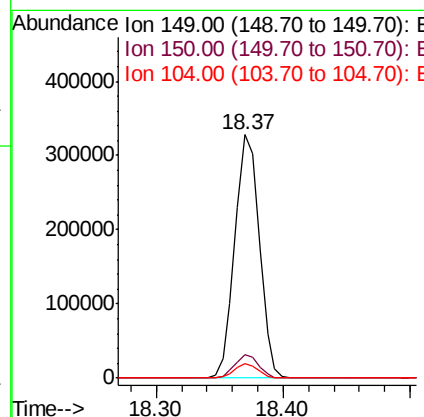
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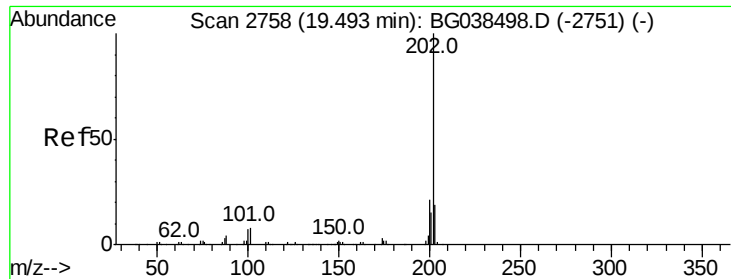
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#74
 Di-n-butylphthalate
 Concen: 41.395 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

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





#75

Fluoranthene

Concen: 44.601 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

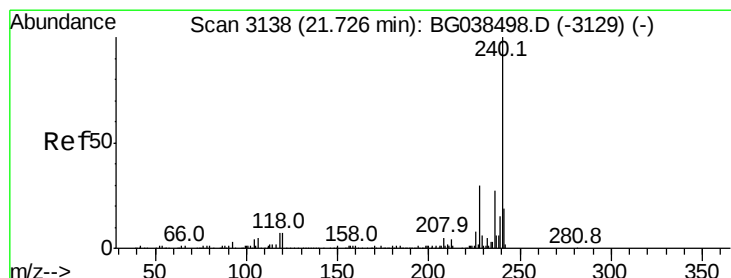
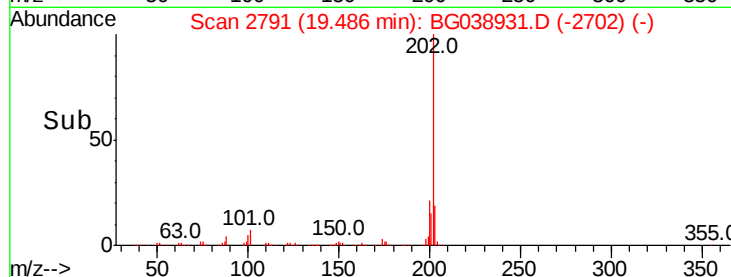
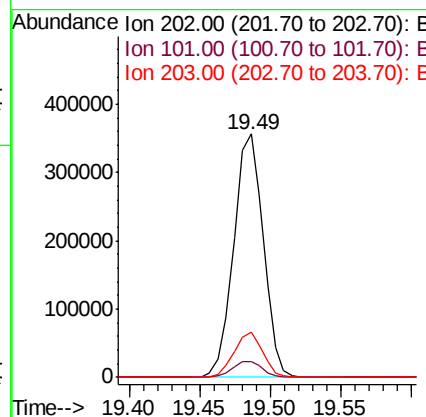
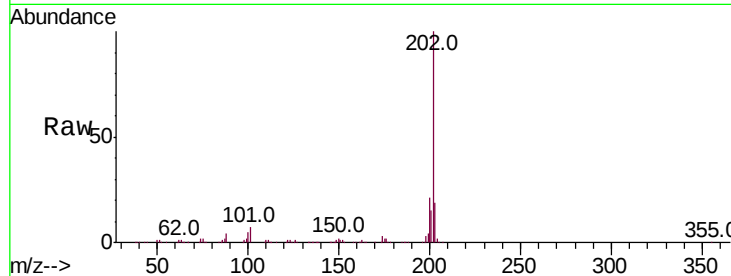
ClientSampleId :

PB116158BSD

Tot Ion:	202	Resp:	521897
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.1
203	18.8	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

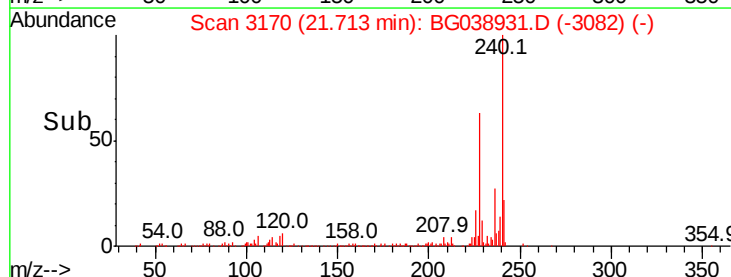
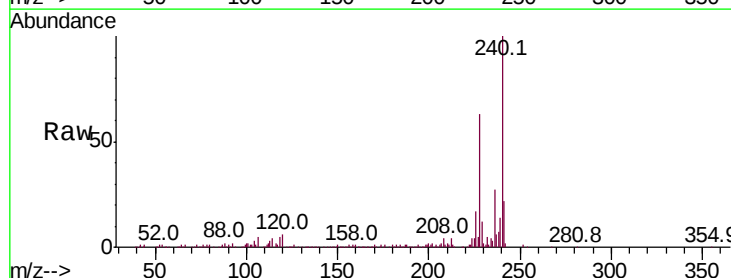
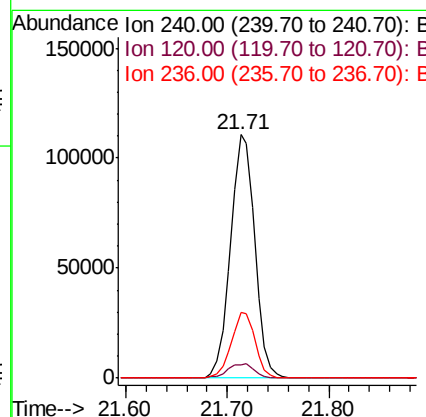
RT: 21.71 min Scan# 3170

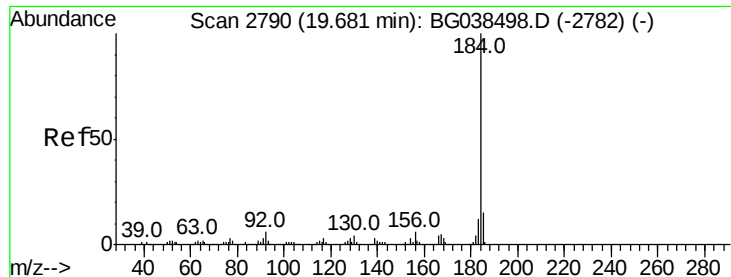
Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Tgt Ion:	240	Resp:	183772
Ion Ratio	Lower	Upper	
240	100		
120	5.7	5.3	7.9
236	26.9	21.4	32.2





#77

Benzidine

Concen: 37.242 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038931.D

Acq: 4 Jan 2019 15:53

Instrument :

BNA_G

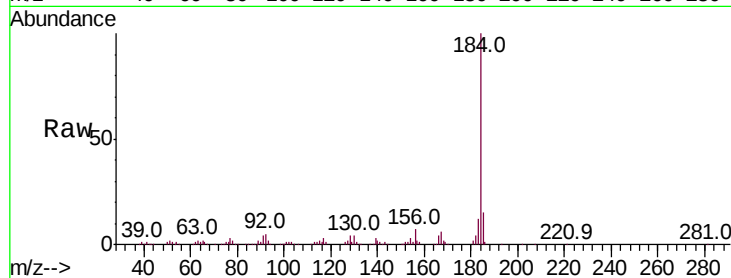
ClientSampleId :

PB116158BSD

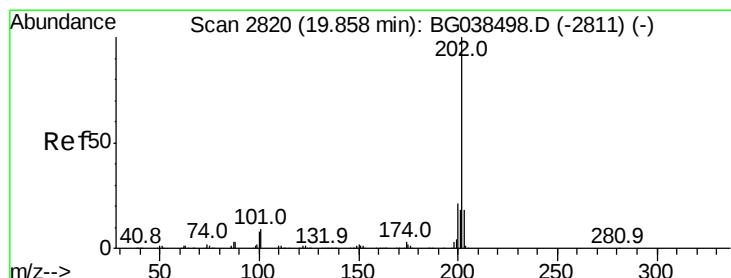
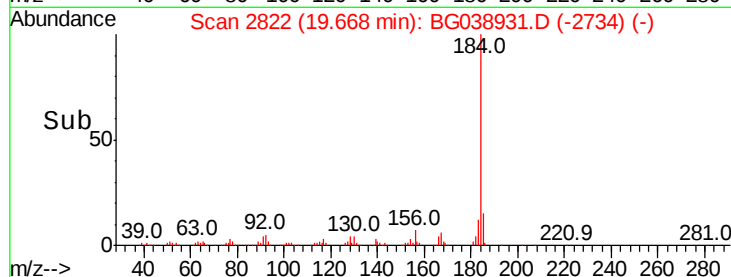
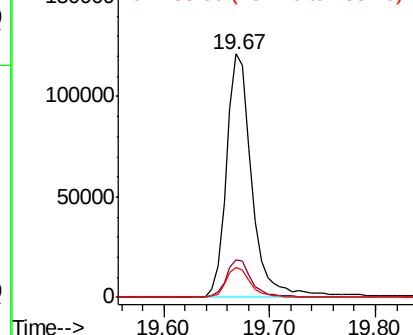
Tot Ion:	184	Resp:	202405
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	12.2	9.6	14.4

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



#78

Pyrene

Concen: 42.604 ng

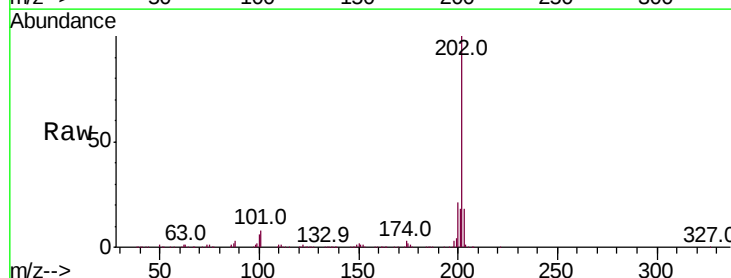
RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

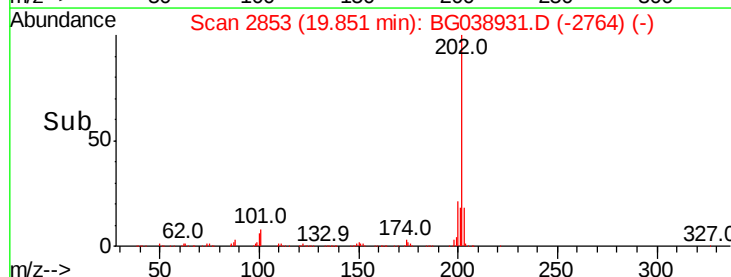
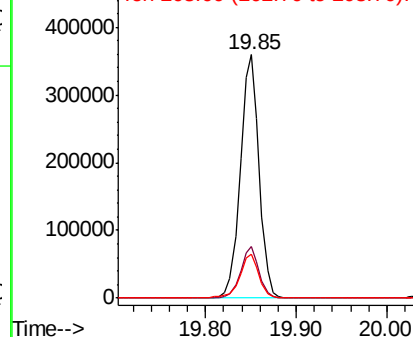
Lab File: BG038931.D

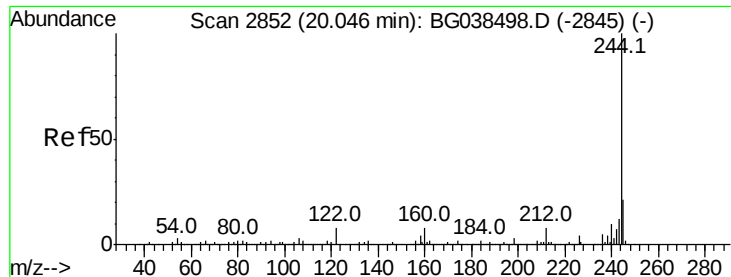
Acq: 4 Jan 2019 15:53

Tgt Ion:	202	Resp:	517233
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	18.3	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





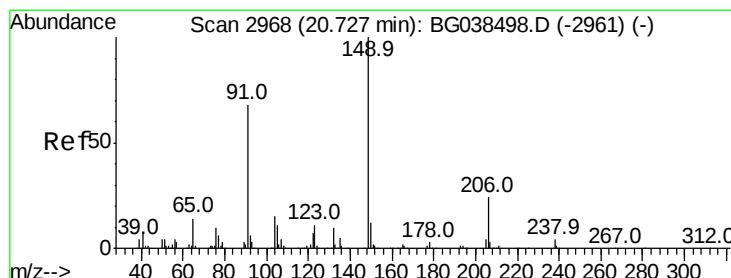
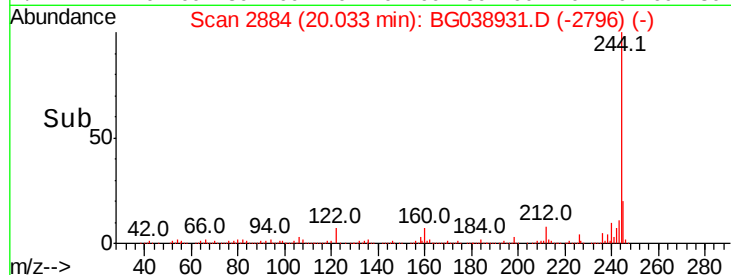
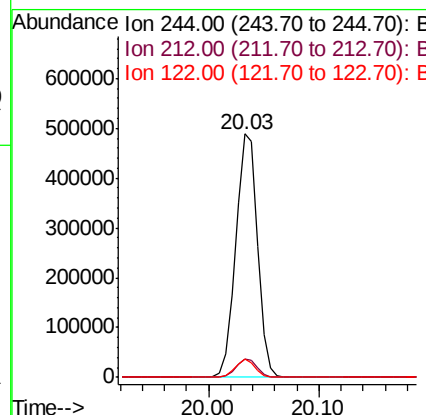
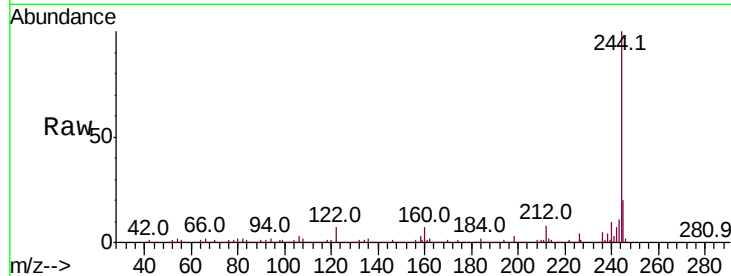
#79
 Terphenyl-d14
 Concen: 79.846 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Instrument :
 BNA_G
 ClientSampleId :
 PB116158BSD

Tot Ion:244	Resp:	674228
Ion Ratio	Lower	Upper
244 100		
212 7.6	6.2	9.2
122 7.4	6.3	9.5

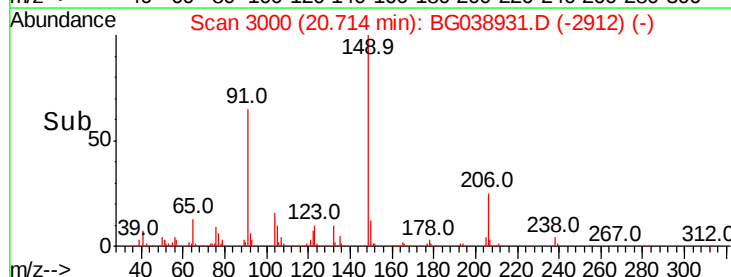
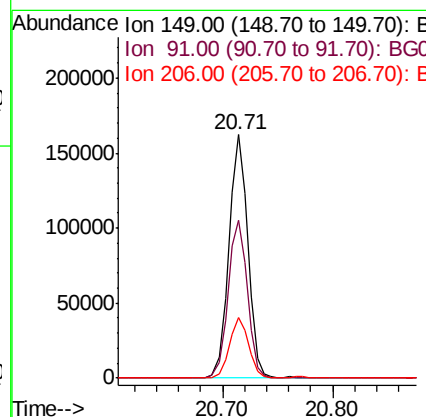
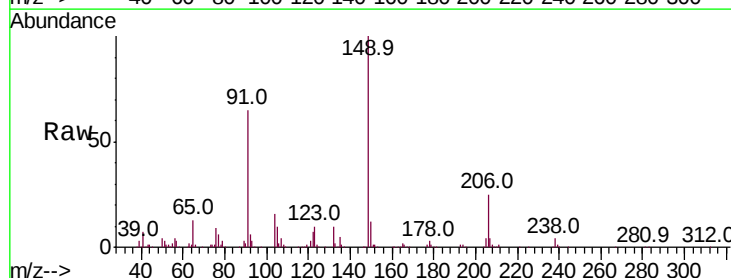
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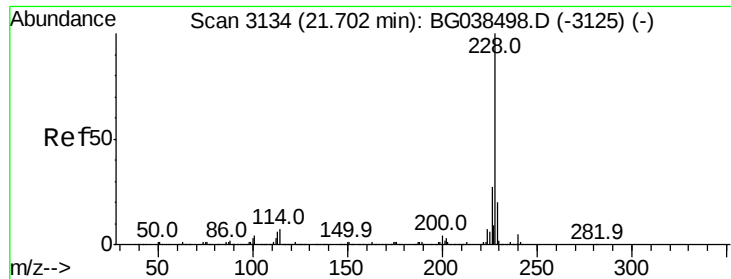
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#80
 Butylbenzylphthalate
 Concen: 41.175 ng
 RT: 20.71 min Scan# 3000
 Delta R.T. -0.01 min
 Lab File: BG038931.D
 Acq: 4 Jan 2019 15:53

Tgt Ion:149	Resp:	195301
Ion Ratio	Lower	Upper
149 100		
91 64.8	54.5	81.7
206 25.0	19.0	28.6





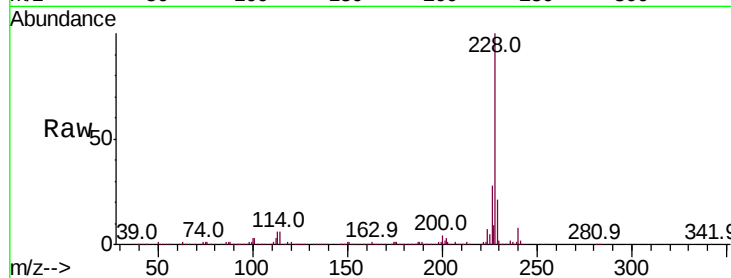
#81
Benzo(a)anthracene
Concen: 44.715 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

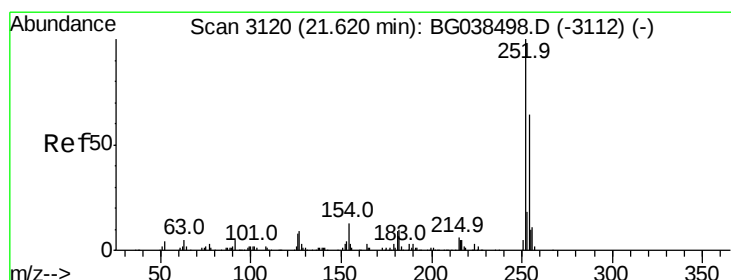
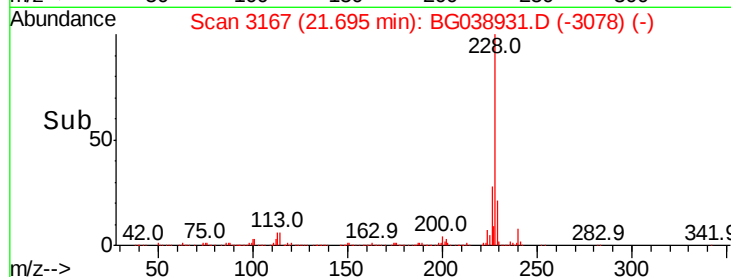
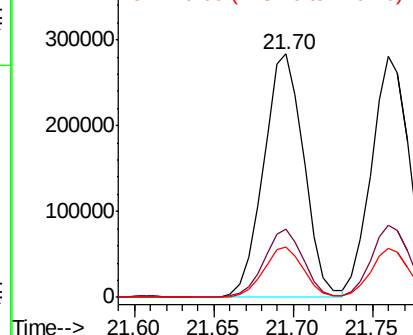
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.6	15.8	23.6

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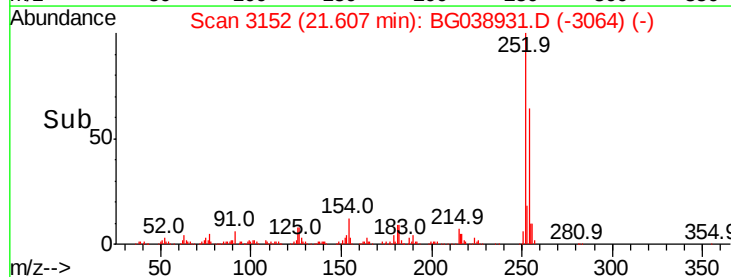
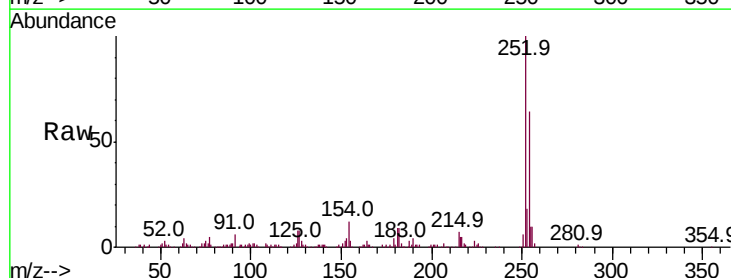
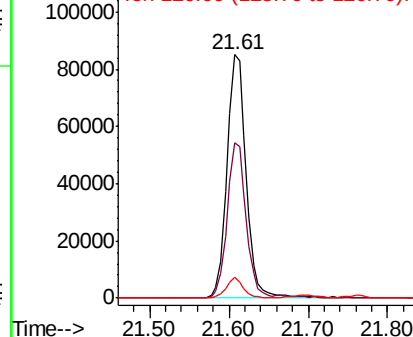
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

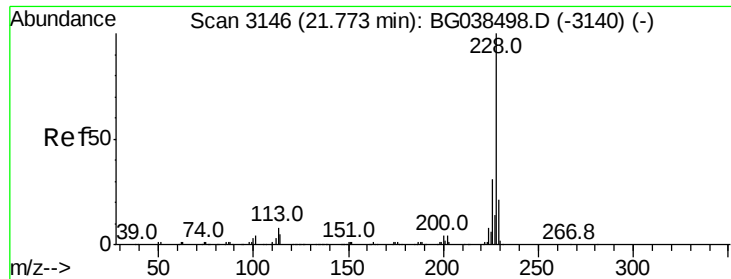


#82
3,3'-Dichlorobenzidine
Concen: 32.158 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.9	76.3
126	8.4	6.3	9.5

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





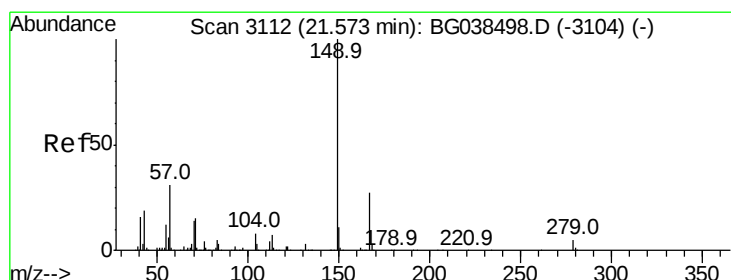
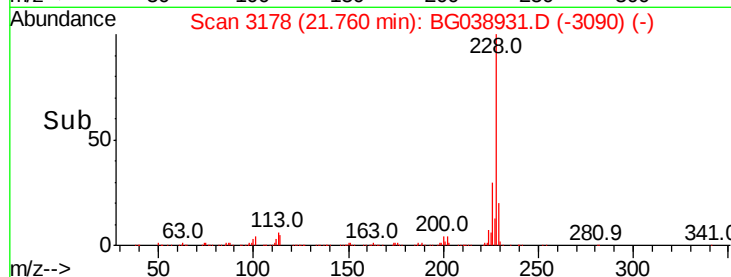
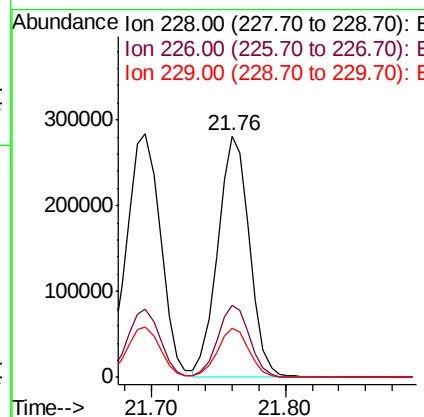
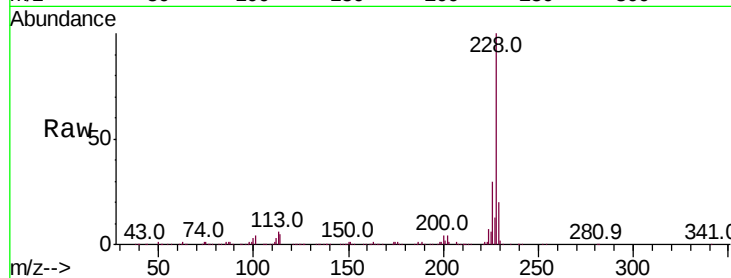
#83
Chrysene
Concen: 43.307 ng
RT: 21.76 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	20.5	16.5	24.7

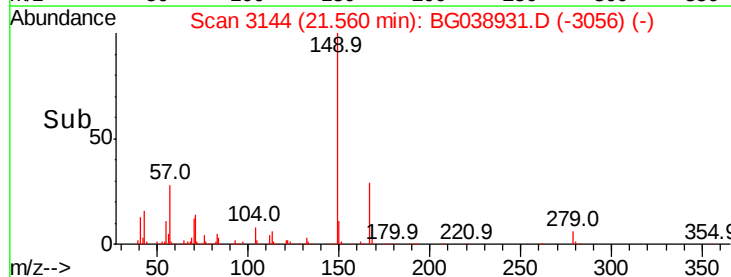
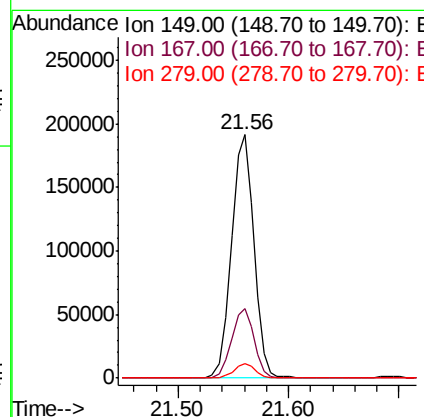
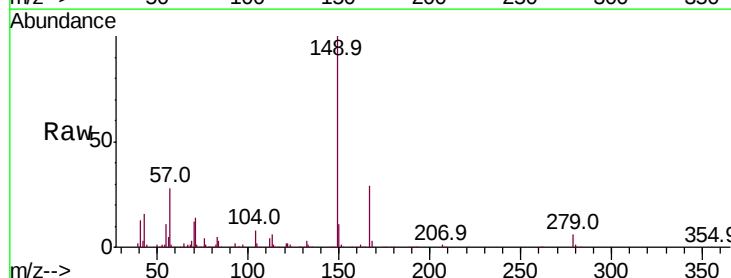
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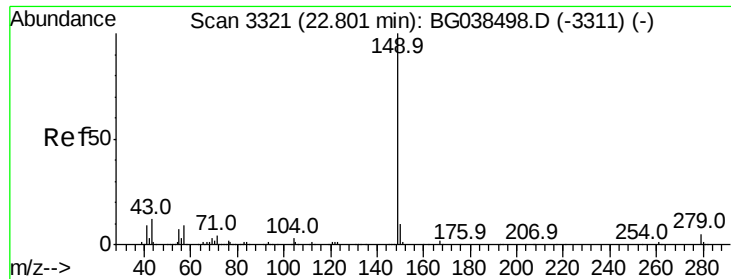
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.503 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	5.7	4.2	6.2





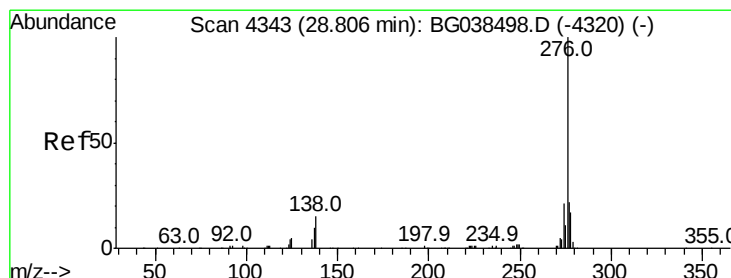
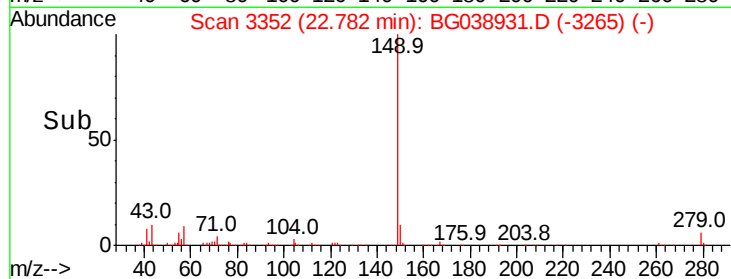
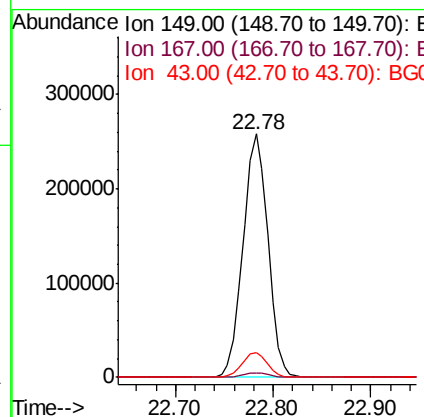
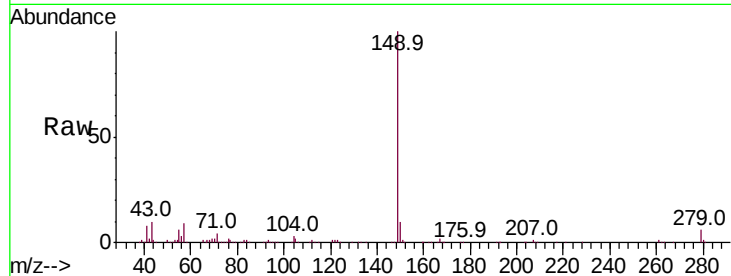
#85
Di-n-octyl phthalate
Concen: 40.814 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	459817		
167	1.8		1.2	1.8
43	10.3		9.3	13.9

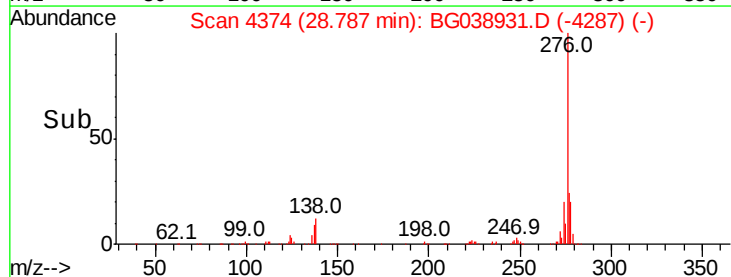
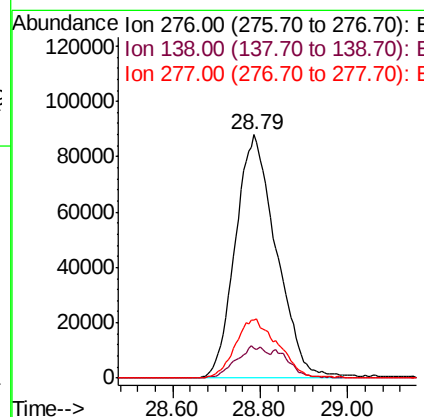
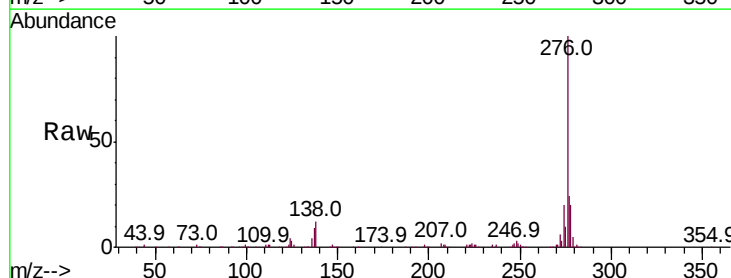
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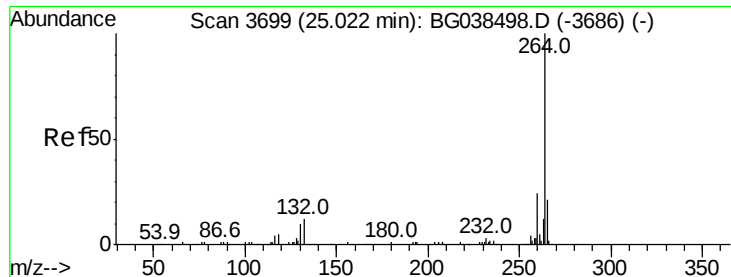
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.104 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	559273		
138	9.8		14.4	21.6#
277	25.3		0.0	0.0#





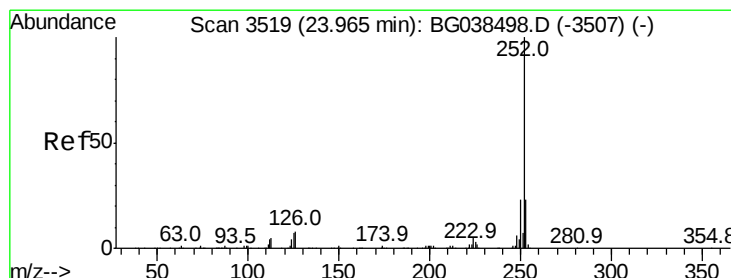
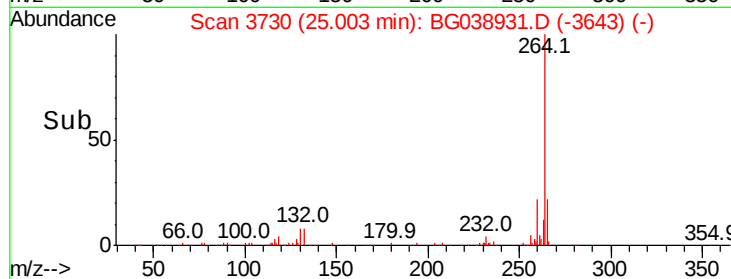
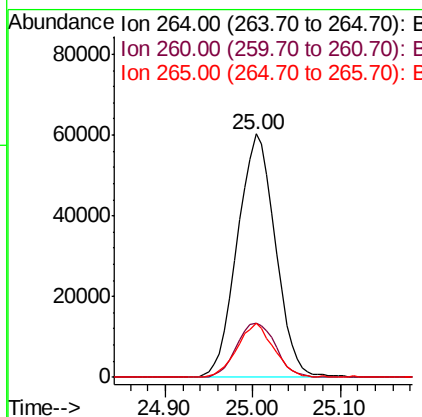
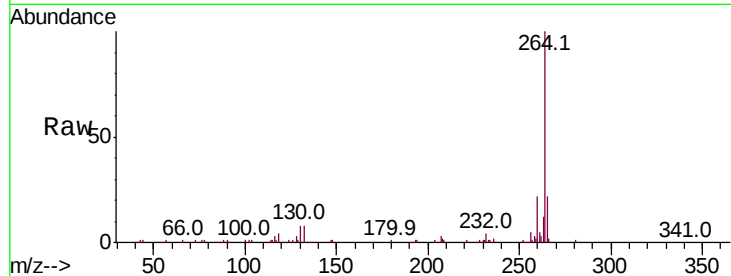
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.9	28.3
265	22.1	17.0	25.4

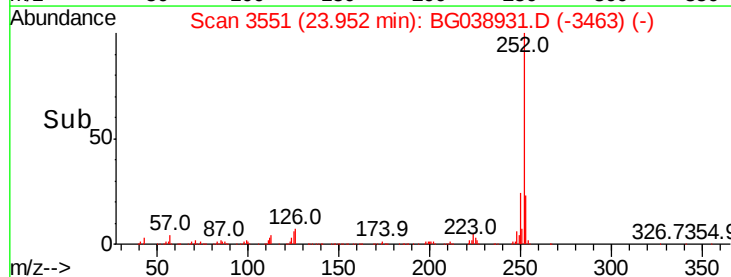
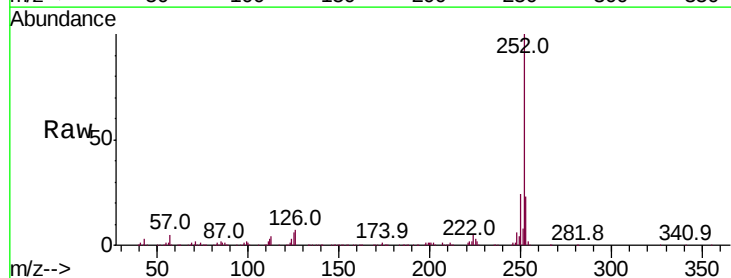
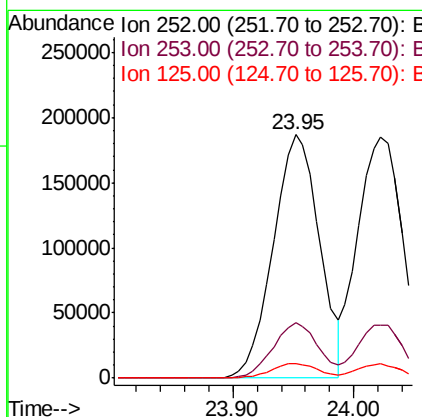
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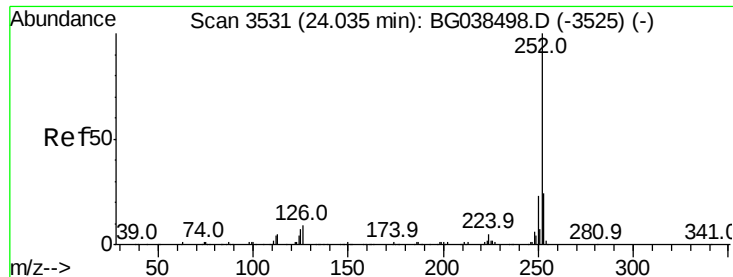
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#88
Benzo(b)fluoranthene
Concen: 50.664 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	6.0	5.5	8.3





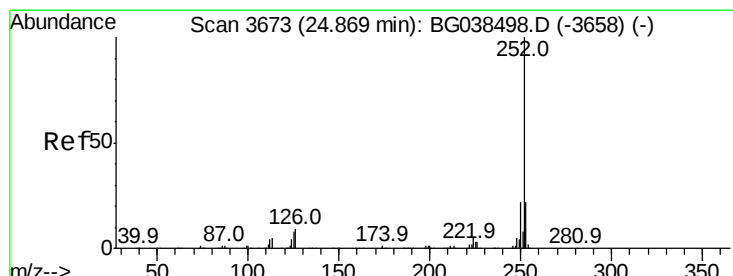
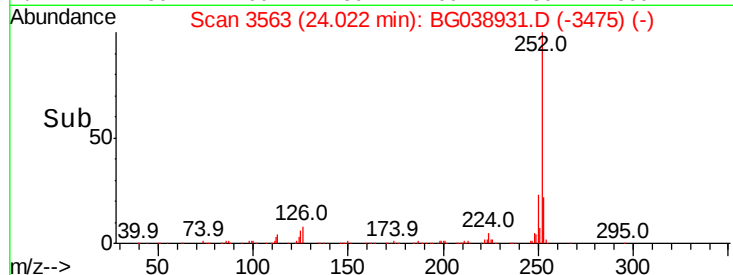
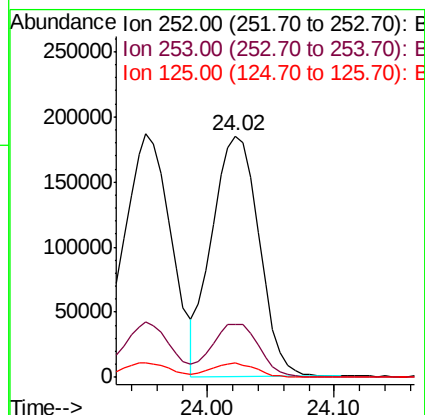
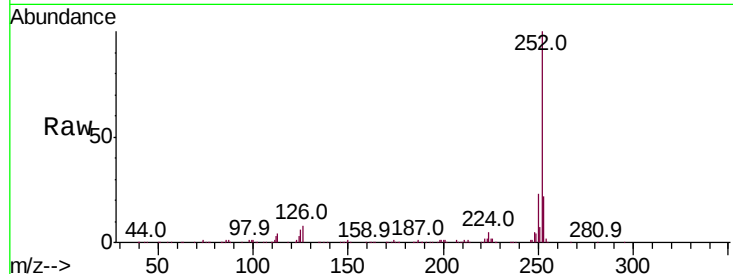
#89
Benzo(k)fluoranthene
Concen: 49.152 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.8	5.4	8.2

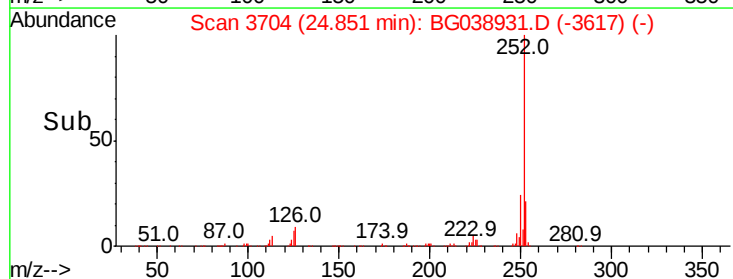
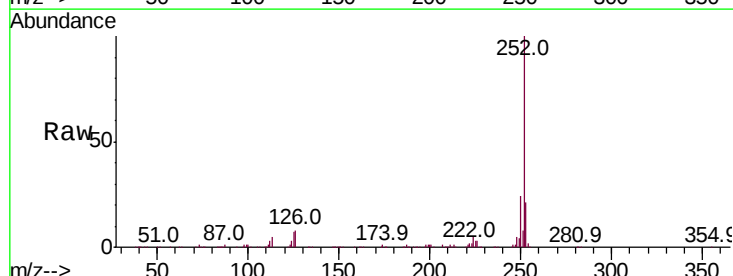
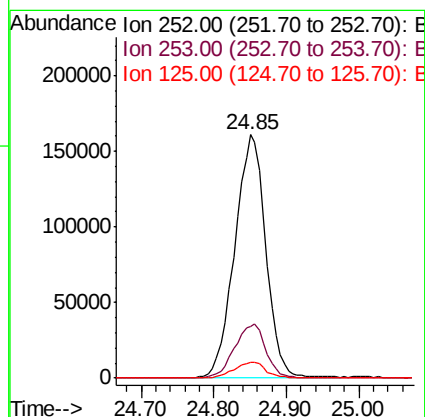
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#90
Benzo(a)pyrene
Concen: 50.811 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	6.6	6.4	9.6





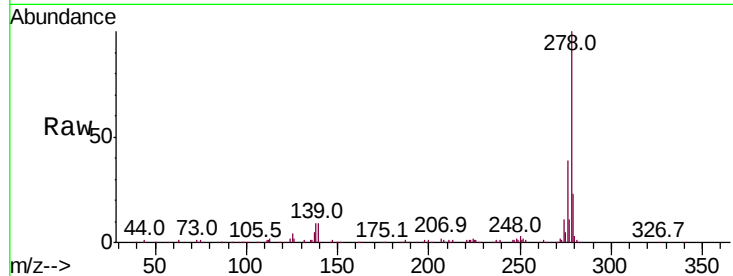
#91
Dibenzo(a,h)anthracene
Concen: 49.150 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.02 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Instrument :
BNA_G
ClientSampleId :
PB116158BSD

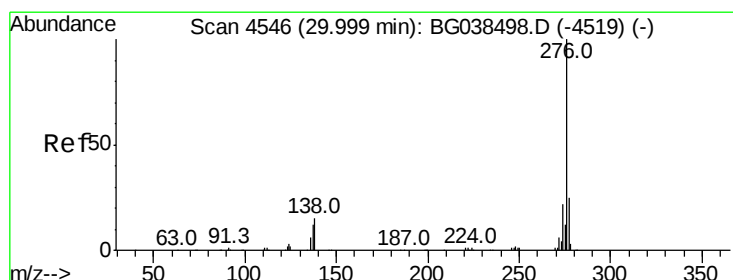
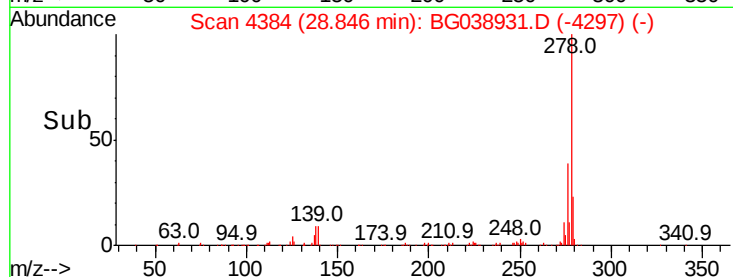
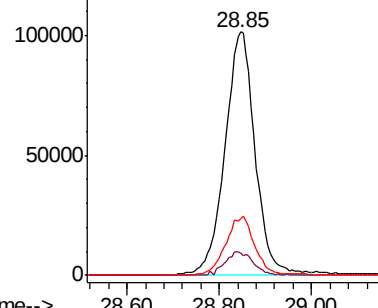
Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	8.6	12.8
279	23.3	19.0	28.6

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.284 ng
RT: 29.97 min Scan# 4575
Delta R.T. -0.03 min
Lab File: BG038931.D
Acq: 4 Jan 2019 15:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	12.6	11.8	17.6

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

