

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032958.D
 Acq On : 2 Mar 2018 22:55
 Operator : SJ/JU
 Sample : PB107014BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:18:12 PM

Quant Time: Mar 03 00:17:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	60163	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	265750	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	155975	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	363921	20.00	ng	0.00
75) Chrysene-d12	22.62	240	327405	20.00	ng	0.00
86) Perylene-d12	26.42	264	353505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	377594	100.41	ng	0.00
7) Phenol-d6	8.01	99	503003	95.96	ng	0.00
23) Nitrobenzene-d5	10.12	82	424445	107.82	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	169423	103.31	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	930915	86.08	ng	0.00
78) Terphenyl-d14	20.78	244	1279016	87.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	62125	38.066	ng	94
3) Pyridine	4.42	79	176565	39.251	ng	96
4) n-Nitrosodimethylamine	4.32	42	94308	52.292	ng	# 88
6) Aniline	8.20	93	140628	19.820	ng	95
8) 2-Chlorophenol	8.46	128	196300	47.691	ng	94
9) Benzaldehyde	8.01	77	69829	23.115	ng	96
10) Phenol	8.04	94	249464	47.212	ng	94
11) bis(2-Chloroethyl)ether	8.30	93	173601	40.179	ng	96
12) 1,3-Dichlorobenzene	8.80	146	192171	39.861	ng	97
13) 1,4-Dichlorobenzene	8.95	146	195024	40.188	ng	96
14) 1,2-Dichlorobenzene	9.29	146	184301	39.632	ng	95
15) Benzyl Alcohol	9.15	79	165926	43.059	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.44	45	314556	42.350	ng	98
17) 2-Methylphenol	9.34	107	169453	43.490	ng	96
18) Hexachloroethane	10.05	117	70861	42.887	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	143729	38.841	ng	# 93
20) 3+4-Methylphenols	9.68	107	233423	43.086	ng	95
22) Acetophenone	9.76	105	268752	40.044	ng	# 96
24) Nitrobenzene	10.16	77	204547	48.229	ng	91
25) Isophorone	10.68	82	395428	42.393	ng	# 95
26) 2-Nitrophenol	10.89	139	101906	61.738	ng	94
27) 2,4-Dimethylphenol	10.92	122	210588	51.971	ng	90
28) bis(2-Chloroethoxy)methane	11.16	93	242677	44.660	ng	97
29) 2,4-Dichlorophenol	11.43	162	181627	49.387	ng	95
30) 1,2,4-Trichlorobenzene	11.66	180	170715	39.600	ng	98
31) Naphthalene	11.86	128	573870	41.326	ng	99
32) Benzoic acid	11.02	122	123394	48.599	ng	85
33) 4-Chloroaniline	11.94	127	126382	20.355	ng	97
34) Hexachlorobutadiene	12.12	225	94268	38.985	ng	99
35) Caprolactam	12.69	113	74305	50.460	ng	93
36) 4-Chloro-3-methylphenol	13.00	107	216981	50.700	ng	90
37) 2-Methylnaphthalene	13.40	142	427035	42.506	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	177615	38.360	ng	# 95
40) Hexachlorocyclopentadiene	13.73	237	226106	95.820	ng	92

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Quant Time: Mar 03 00:17:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	139860	47.898	nq	97
43) 2,4,5-Trichlorophenol	14.05	196	159348	47.151	nq	# 95
45) 1,1'-Biphenyl	14.38	154	540281	39.640	nq	96
46) 2-Chloronaphthalene	14.43	162	412951	40.559	nq	98
47) 2-Nitroaniline	14.61	65	150056	56.301	nq	91
48) Acenaphthylene	15.26	152	678875	40.726	nq	98
49) Dimethylphthalate	14.96	163	546843	41.291	nq	100
50) 2,6-Dinitrotoluene	15.09	165	122664	54.483	nq	88
51) Acenaphthene	15.60	154	455938	43.919	nq	98
52) 3-Nitroaniline	15.42	138	84955	33.948	nq	# 85
53) 2,4-Dinitrophenol	15.61	184	87639	110.499	nq	# 82
54) Dibenzofuran	15.93	168	635898	43.019	nq	94
55) 4-Nitrophenol	15.69	139	212602	96.434	nq	# 80
56) 2,4-Dinitrotoluene	15.86	165	175542	62.955	nq	# 86
57) Fluorene	16.57	166	519767	42.603	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	137433m	52.379	nq	
59) Diethylphthalate	16.30	149	587767	42.078	nq	98
60) 4-Chlorophenyl-phenylether	16.54	204	255636	42.832	nq	93
61) 4-Nitroaniline	16.57	138	131782	46.189	nq	84
62) Azobenzene	16.83	77	543626	43.502	nq	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	75594	63.228	nq	98
65) n-Nitrosodiphenylamine	16.75	169	486543	41.097	nq	100
66) 4-Bromophenyl-phenylether	17.44	248	153698	39.941	nq	# 88
67) Hexachlorobenzene	17.56	284	161752	38.897	nq	# 91
68) Atrazine	17.67	200	168940	43.352	nq	97
69) Pentachlorophenol	17.89	266	217565	83.061	nq	98
70) Phenanthrene	18.31	178	844063	41.573	nq	98
71) Anthracene	18.39	178	859688	42.176	nq	99
72) Carbazole	18.65	167	806215	40.128	nq	# 97
73) Di-n-butylphthalate	19.15	149	1023270	41.516	nq	100
74) Fluoranthene	20.26	202	938357	41.840	nq	95
76) Benzidine	20.41	184	328544	29.439	nq	98
77) Pyrene	20.61	202	941194	40.764	nq	98
79) Butylbenzylphthalate	21.47	149	474584	46.361	nq	92
80) Benzo(a)anthracene	22.59	228	899995	42.867	nq	100
81) 3,3'-Dichlorobenzidine	22.48	252	188409	24.230	nq	# 97
82) Chrysene	22.68	228	842128	41.990	nq	97
83) Bis(2-ethylhexyl)phthalate	22.42	149	673291	44.433	nq	# 95
84) Di-n-octyl phthalate	23.84	149	1159695	50.211	nq	100
85) Indeno(1,2,3-cd)pyrene	30.85	276	989489	42.305	nq	98
87) Benzo(b)fluoranthene	25.20	252	890854	42.621	nq	# 97
88) Benzo(k)fluoranthene	25.28	252	889039	42.798	nq	# 94
89) Benzo(a)pyrene	26.24	252	876450	44.086	nq	# 95
90) Dibenzo(a,h)anthracene	30.94	278	827423	41.349	nq	# 93
91) Benzo(g,h,i)perylene	32.25	276	831305	42.142	nq	# 90

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

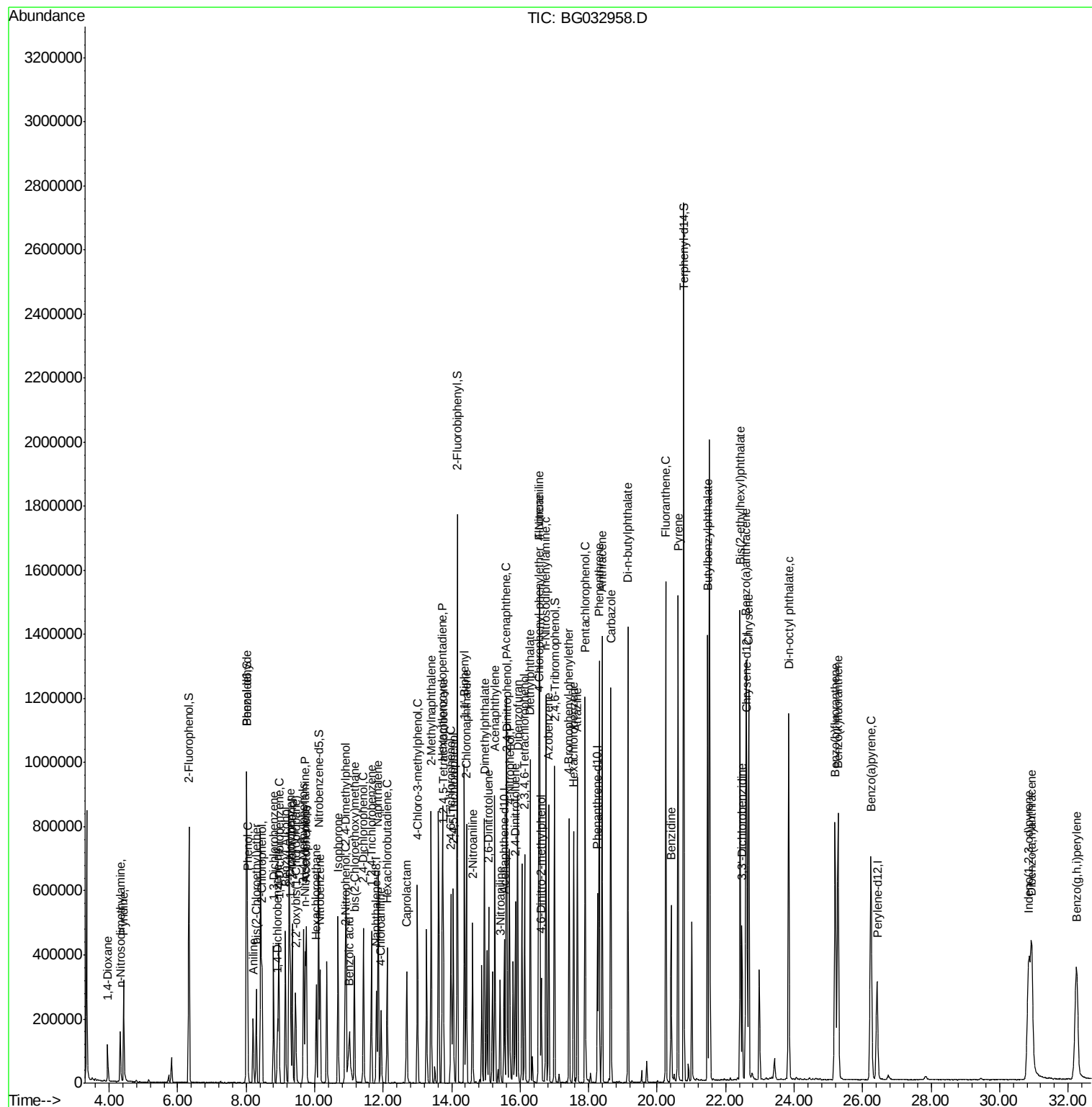
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
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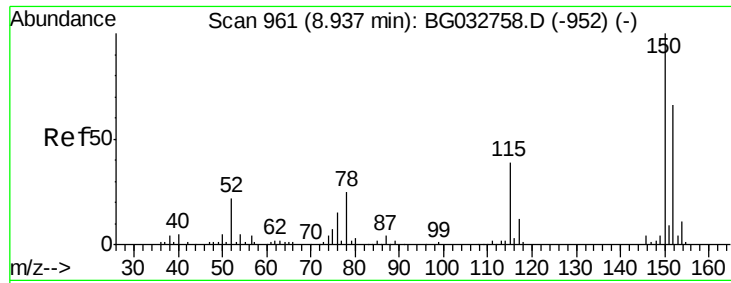
Instrument :
BNA_G
ClientSampleId :
PB107014BSD

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#1

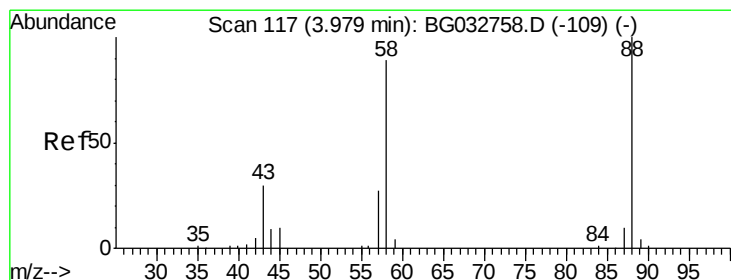
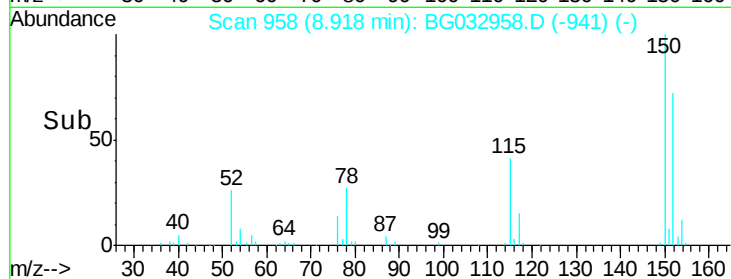
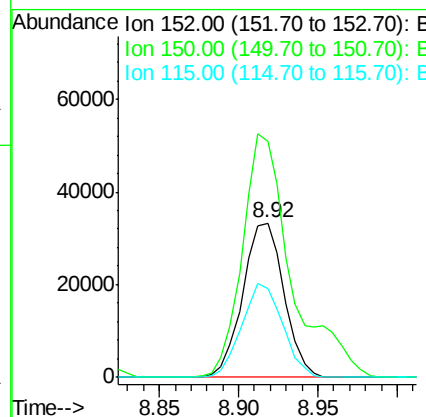
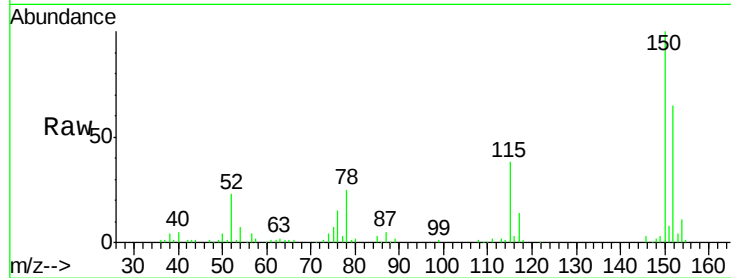
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.6	189.8
115	57.7	53.0	79.4

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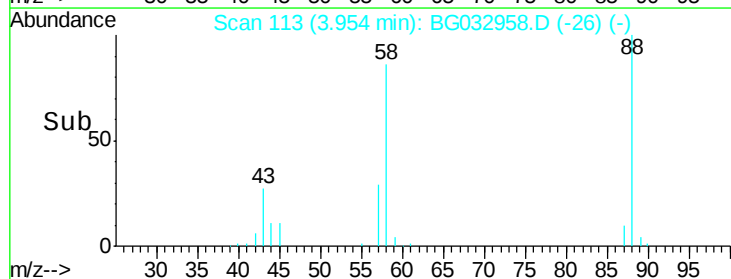
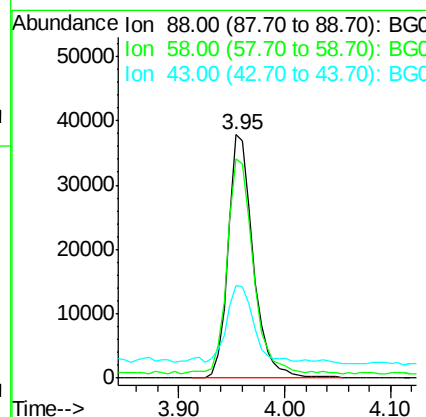
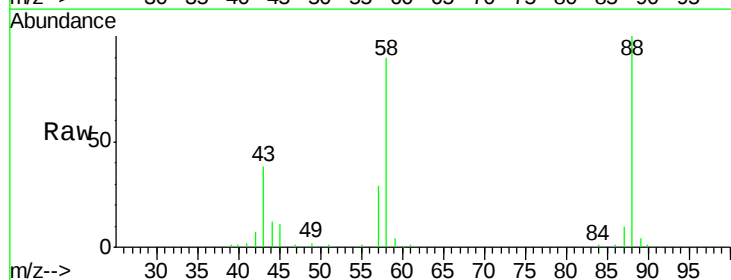
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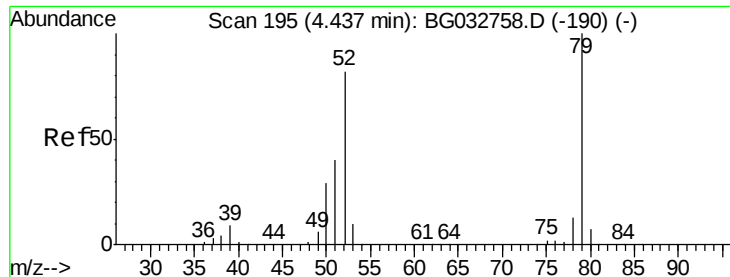


#2

1,4-Dioxane
Concen: 38.066 ng
RT: 3.95 min Scan# 113
Delta R.T. -0.02 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	79.6	119.4
43	35.0	27.4	41.0





#3

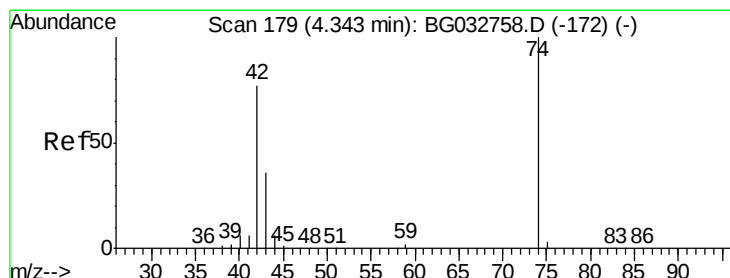
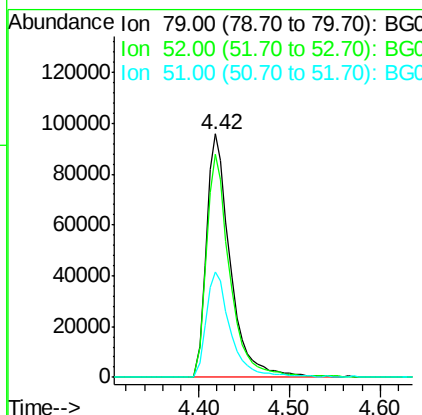
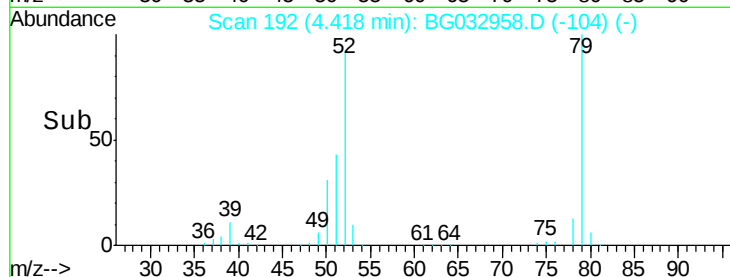
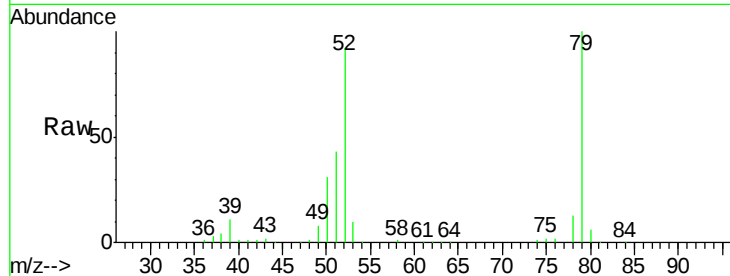
Pvridine
Concen: 39.251 ng
RT: 4.42 min Scan# 192
Delta R.T. -0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.7	69.9	104.9
51	43.4	34.0	51.0

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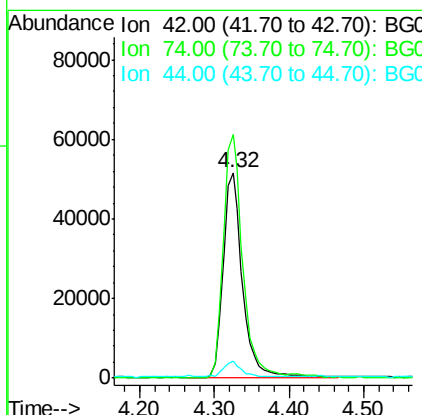
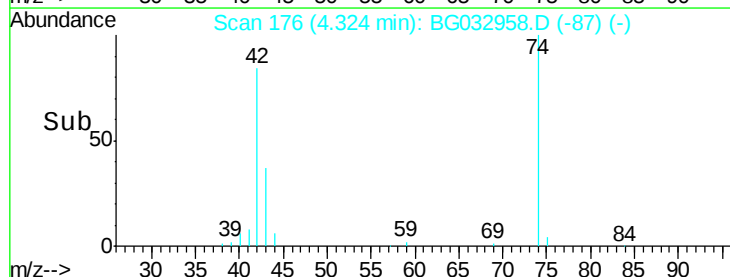
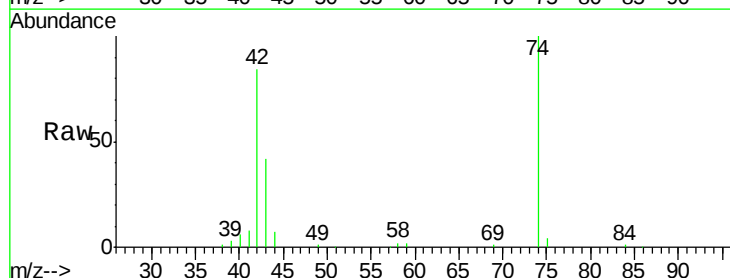
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#4

n-Nitrosodimethylamine
Concen: 52.292 ng
RT: 4.32 min Scan# 176
Delta R.T. -0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.6	102.5	153.7
44	8.1	18.9	28.3





#5

2-Fluorophenol

Concen: 100.410 ng

RT: 6.33 min Scan# 517

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

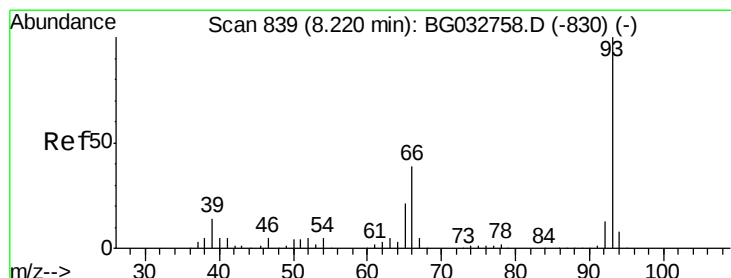
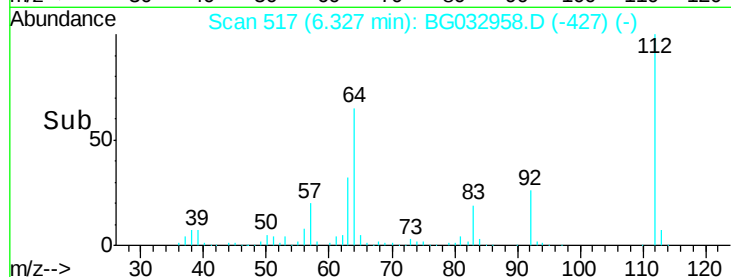
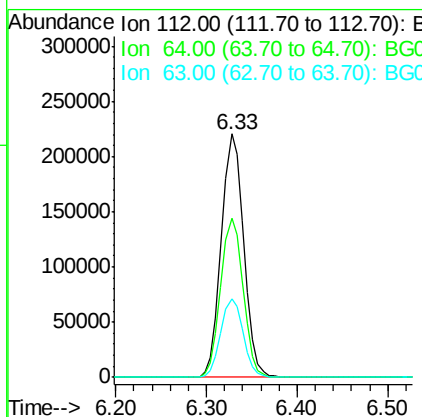
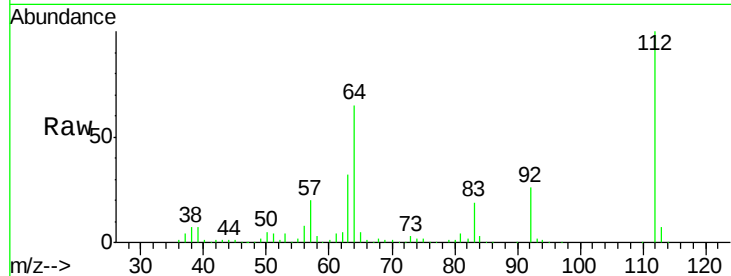
ClientSampleId :

PB107014BSD

Tot Ion:	112	Resp:	377594
Ion Ratio	Lower	Upper	
112	100		
64	65.4	56.3	84.5
63	32.1	30.1	45.1

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#6

Aniline

Concen: 19.820 ng

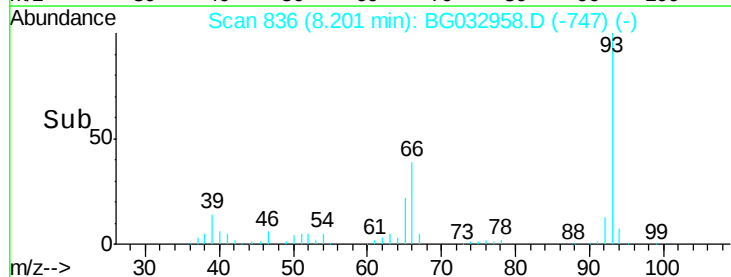
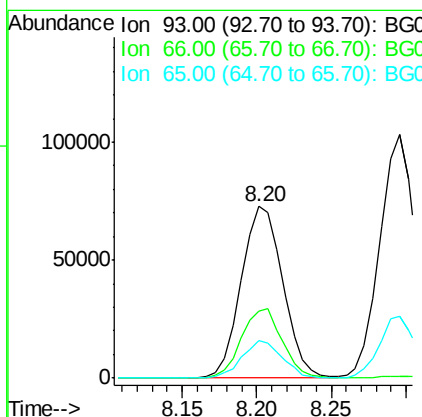
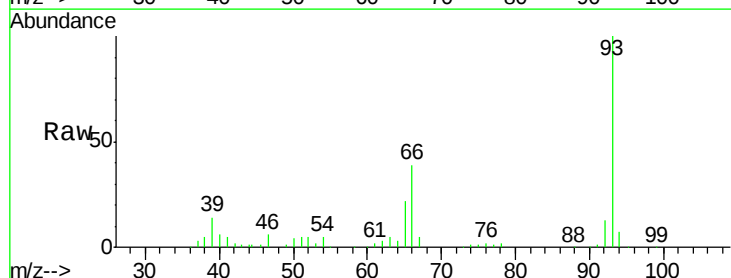
RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion:	93	Resp:	140628
Ion Ratio	Lower	Upper	
93	100		
66	38.8	33.7	50.5
65	22.0	16.1	24.1





#7

Phenol-d6

Concen: 95.963 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

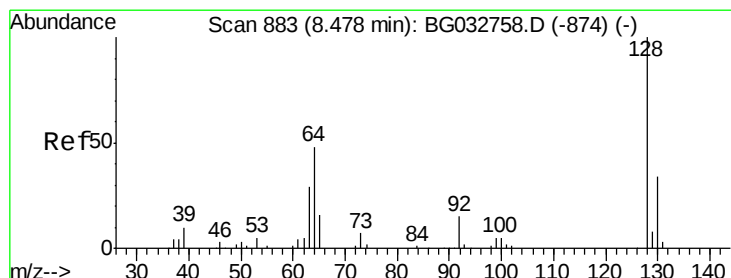
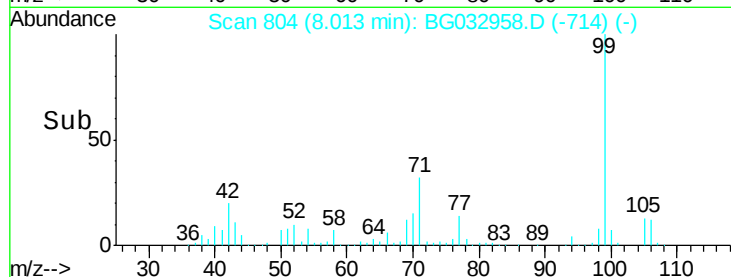
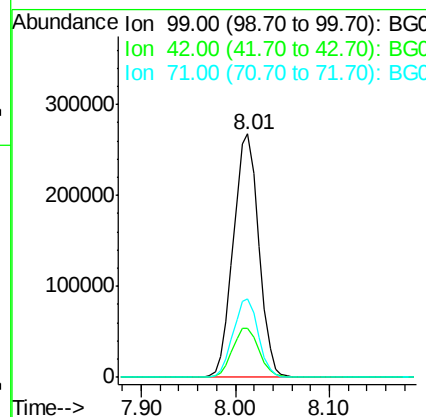
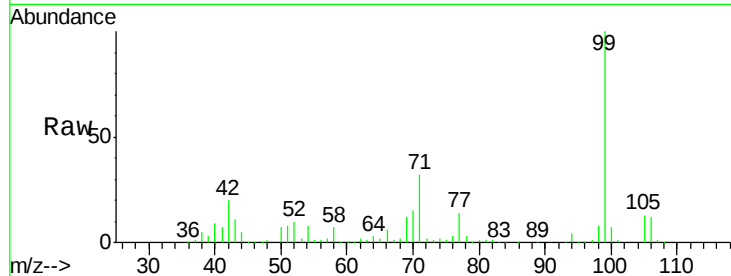
ClientSampleId :

PB107014BSD

Tot Ion:	99	Resp:	503003
Ion Ratio	Lower	Upper	
99	100		
42	20.2	14.1	21.1
71	32.3	26.1	39.1

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#8

2-Chlorophenol

Concen: 47.691 ng

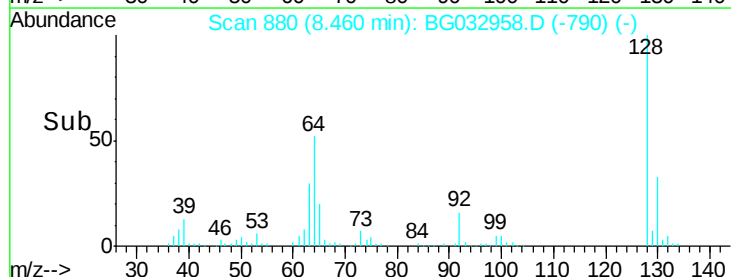
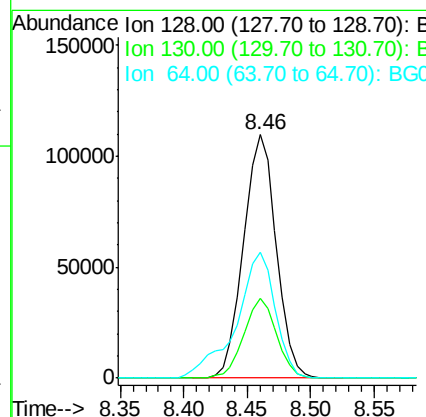
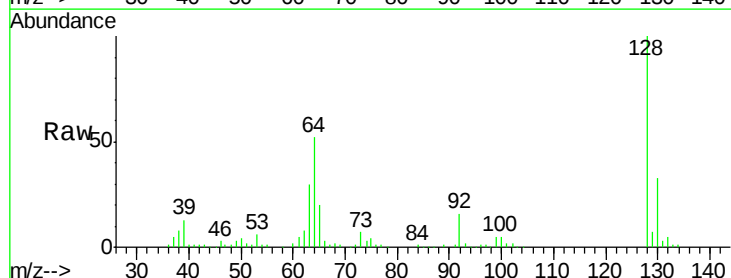
RT: 8.46 min Scan# 880

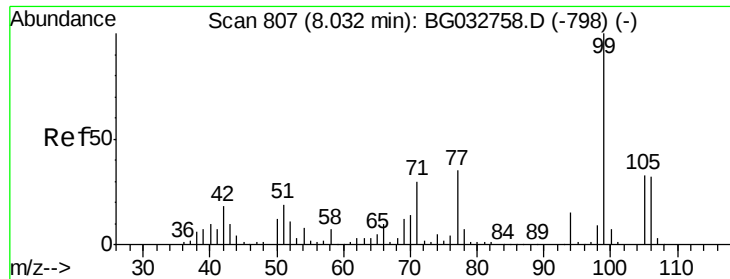
Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion:	128	Resp:	196300
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	51.5	37.7	77.7





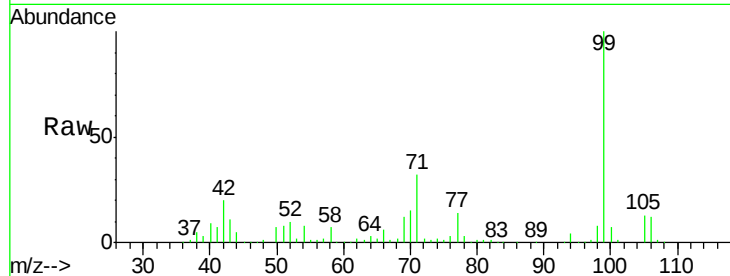
#9
Benzaldehyde
Concen: 23.115 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleID :
PB107014BSD

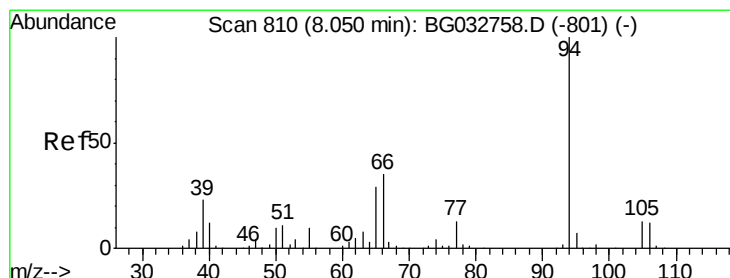
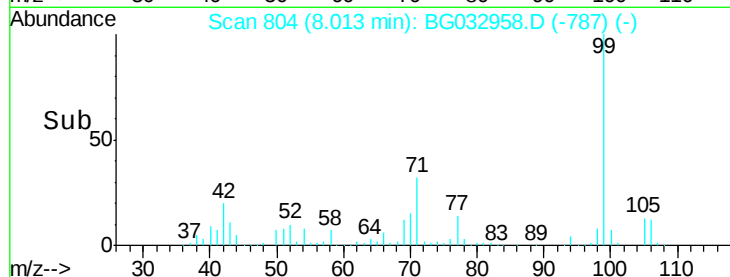
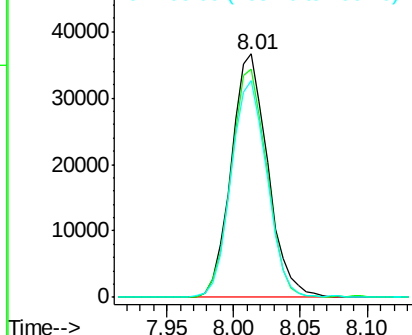
Tot Ion	Ratio	Lower	Upper
77	100		
105	93.7	71.3	111.3
106	89.2	64.2	104.2

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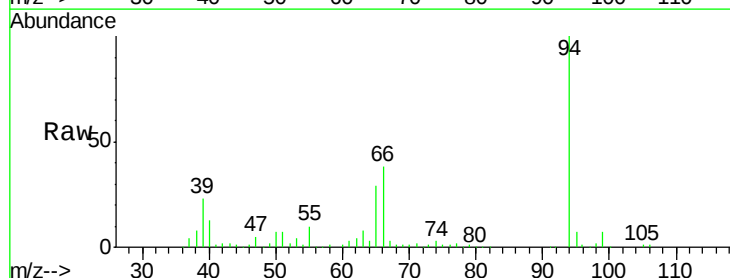


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

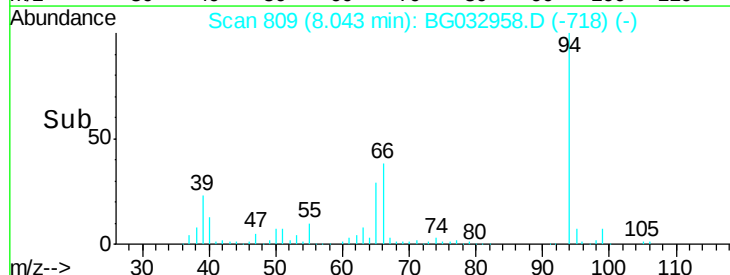
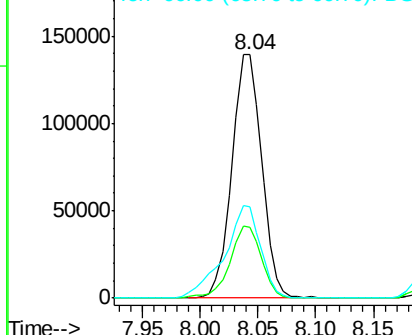


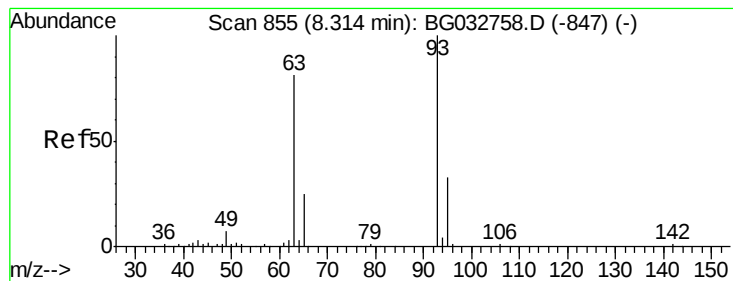
#10
Phenol
Concen: 47.212 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.3	11.9	51.9
66	37.7	22.2	62.2



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





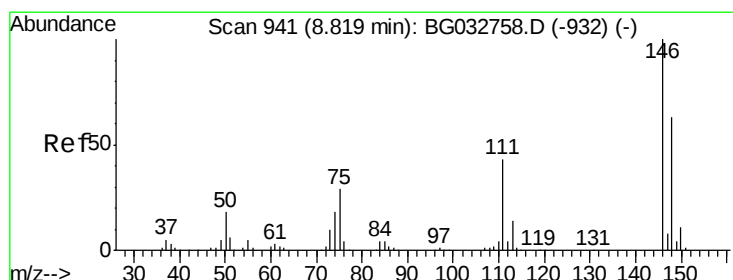
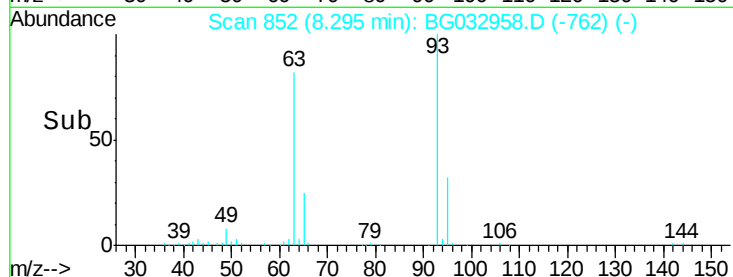
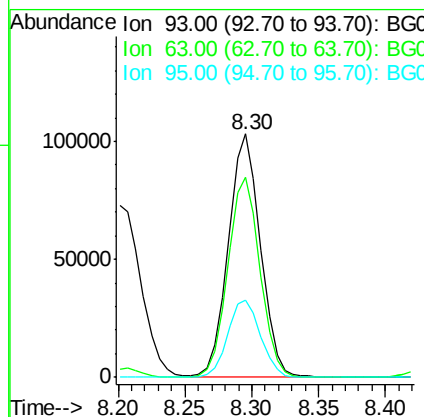
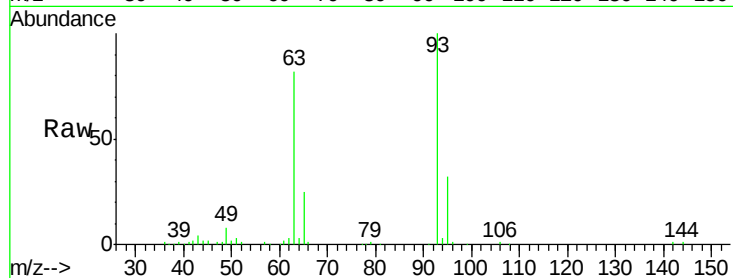
#11
bis(2-Chloroethyl)ether
Concen: 40.179 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.9	67.1	107.1
95	31.8	11.5	51.5

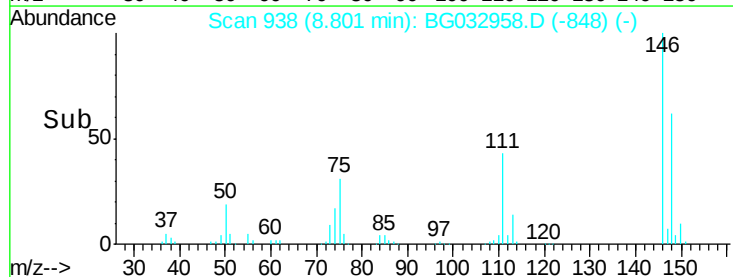
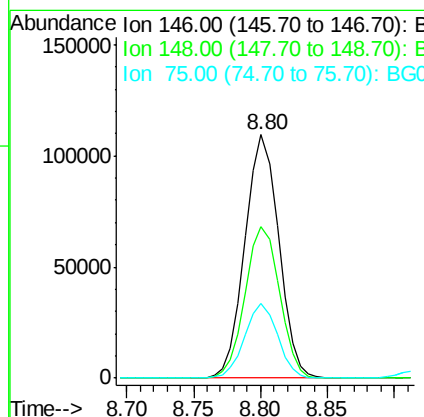
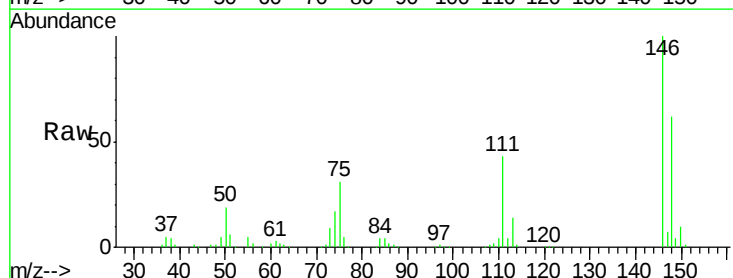
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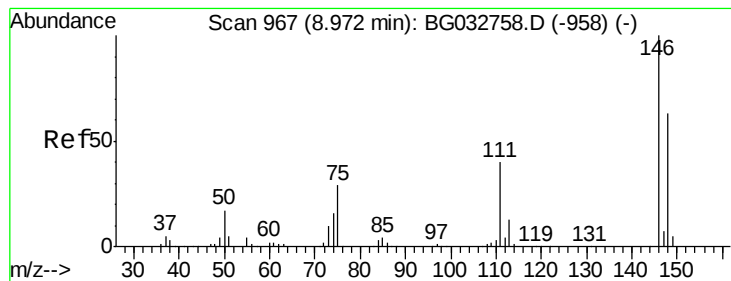
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#12
1,3-Dichlorobenzene
Concen: 39.861 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.2
75	30.9	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.188 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

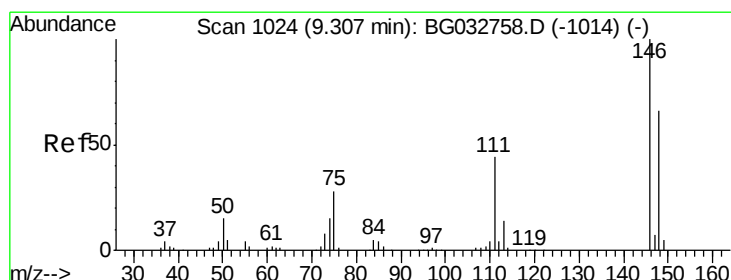
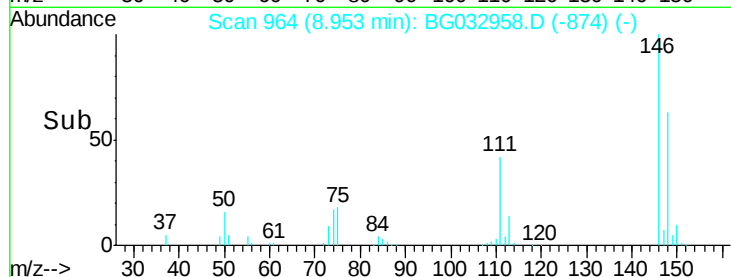
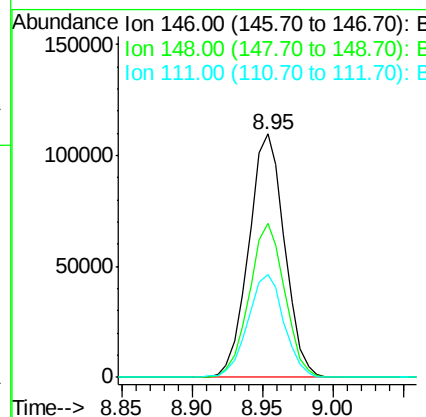
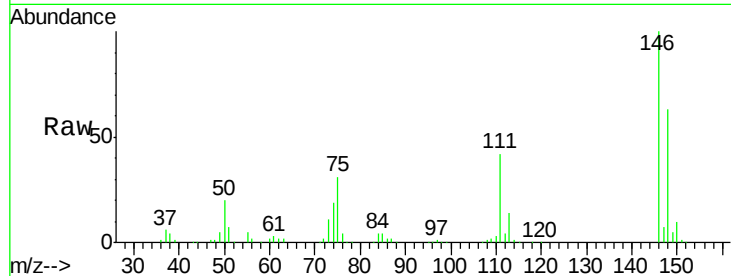
ClientSampled :

PB107014BSD

Tot Ion:	146	Resp:	195024
Ion Ratio	Lower	Upper	
146	100		
148	63.1	53.7	80.5
111	42.2	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 39.632 ng

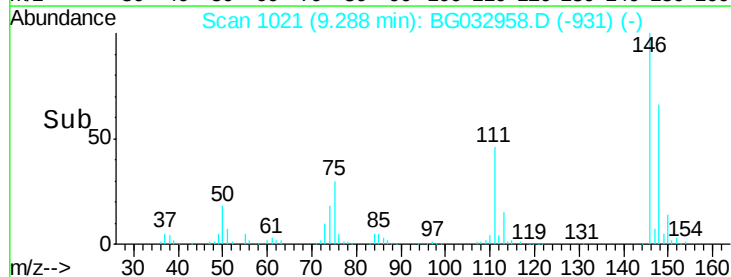
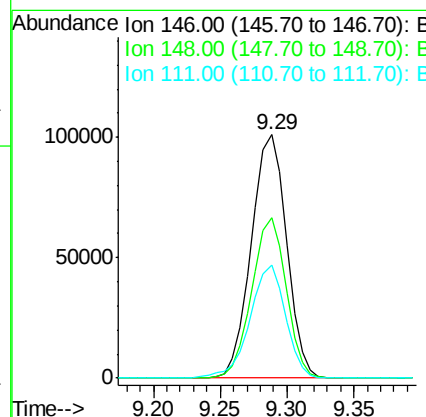
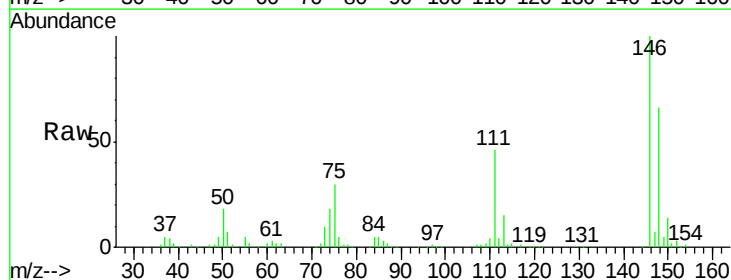
RT: 9.29 min Scan# 1021

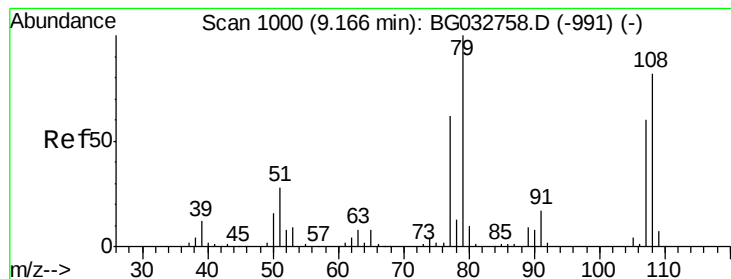
Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion:	146	Resp:	184301
Ion Ratio	Lower	Upper	
146	100		
148	65.6	49.3	73.9
111	46.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 43.059 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

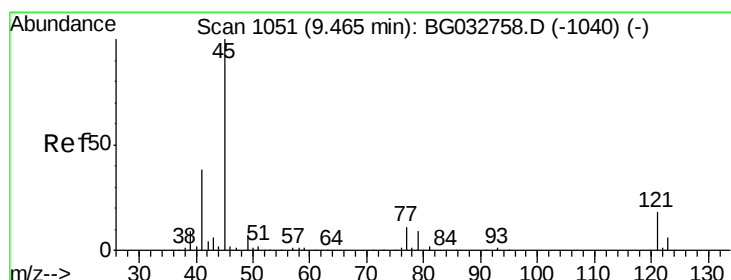
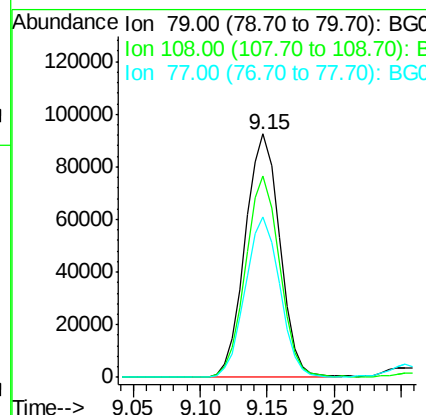
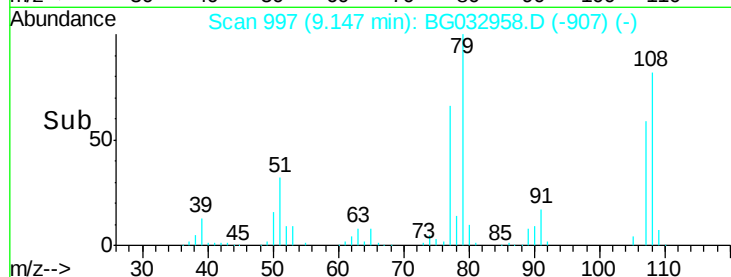
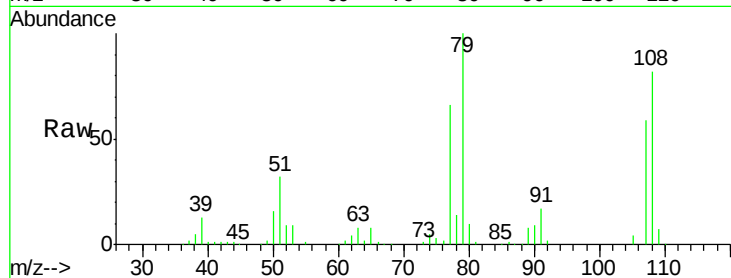
ClientSampleId :

PB107014BSD

Tot Ion:	79	Resp:	165926
Ion Ratio	Lower	Upper	
79	100		
108	82.5	57.2	85.8
77	65.9	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.350 ng

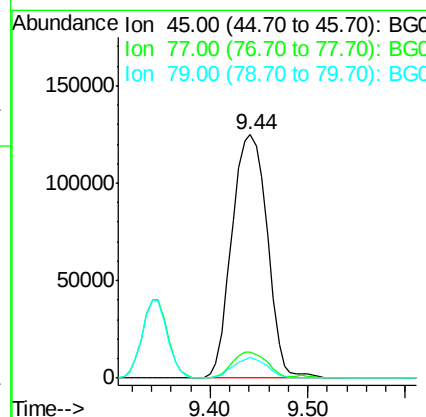
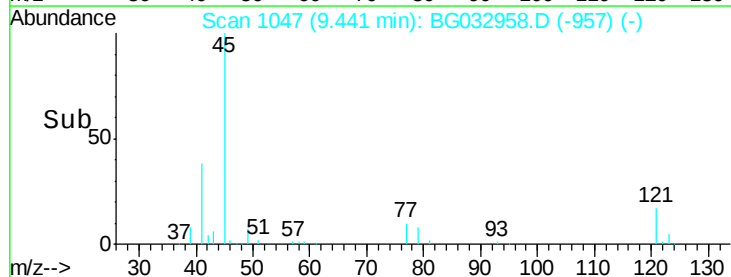
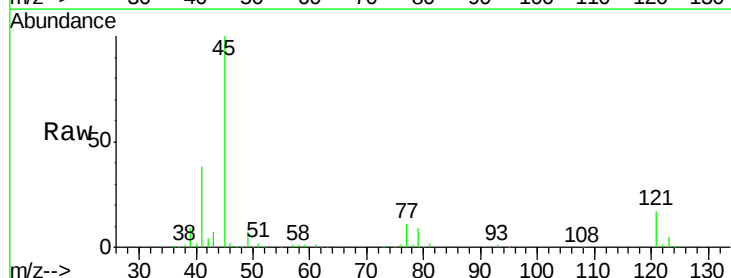
RT: 9.44 min Scan# 1047

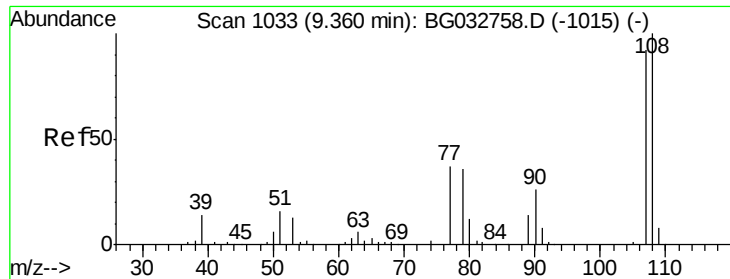
Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion:	45	Resp:	314556
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	30.2
79	8.5	0.0	27.9





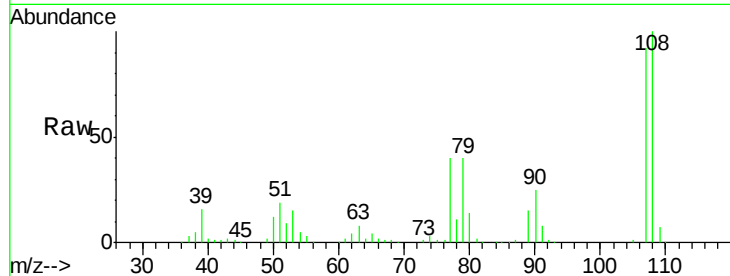
#17
2-Methylphenol
Concen: 43.490 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	83.9	125.9	
77	43.2	37.2	55.8	
79	43.2	36.2	54.2	

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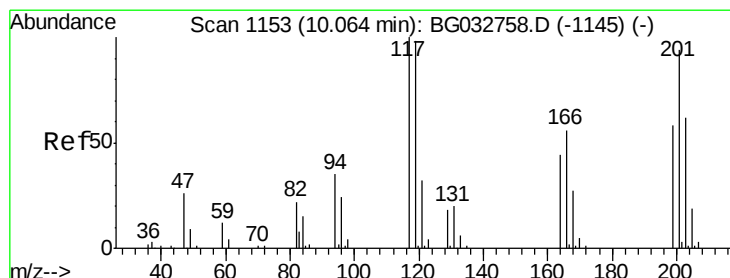
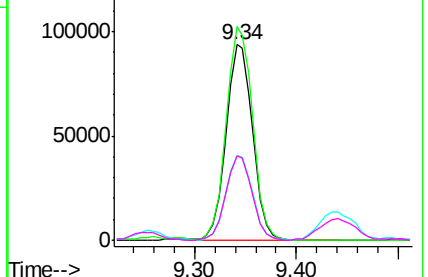
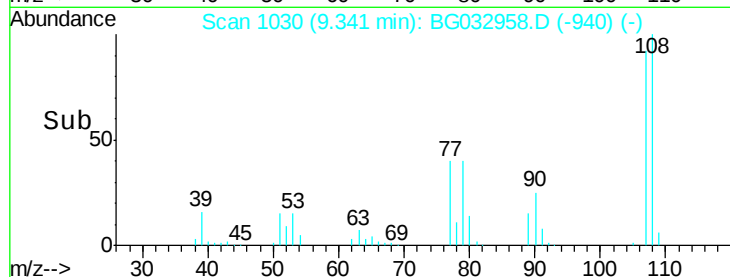
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

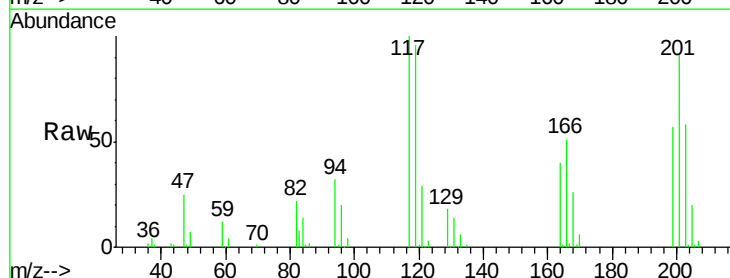
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.887 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	76.7	115.1	
201	91.4	95.7	143.5	

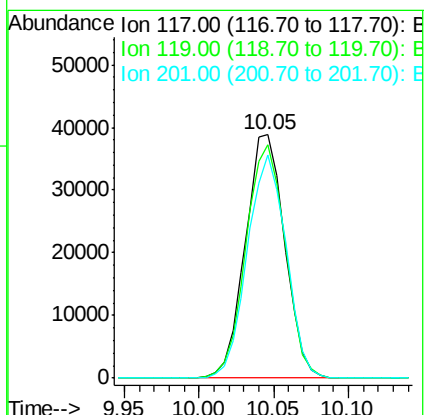
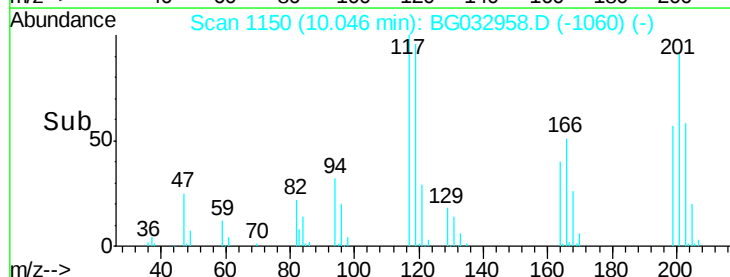


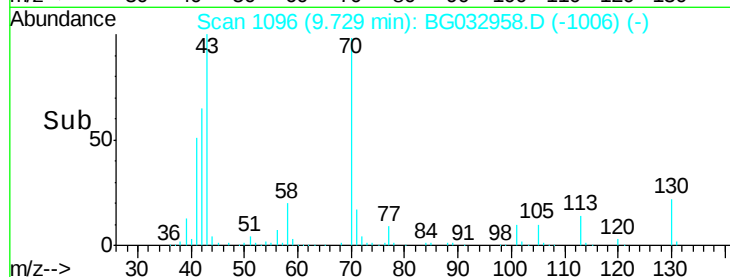
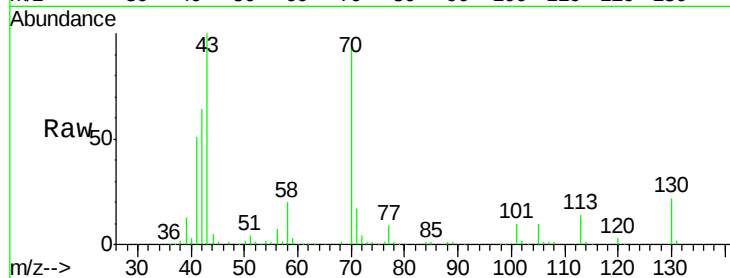
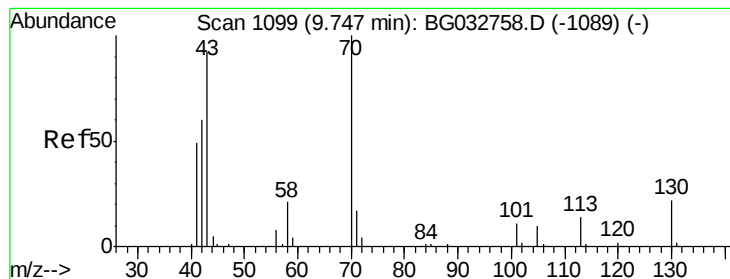
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.841 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

ClientSampleId :

PB107014BSD

Tot Ion: 70 Resp: 143729

Ion Ratio Lower Upper

70 100

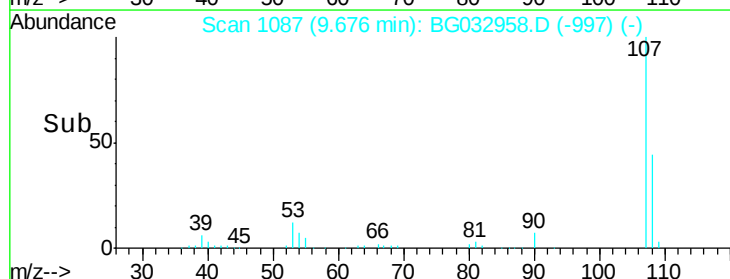
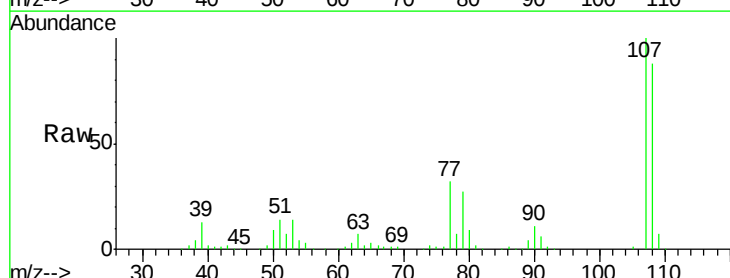
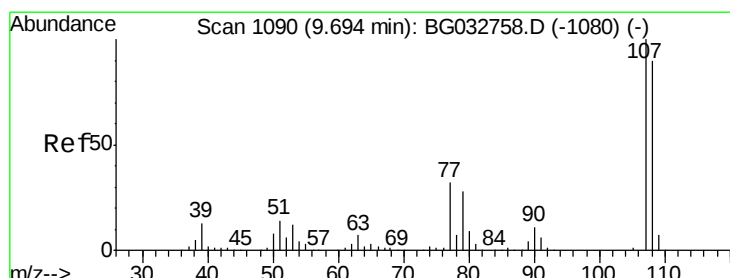
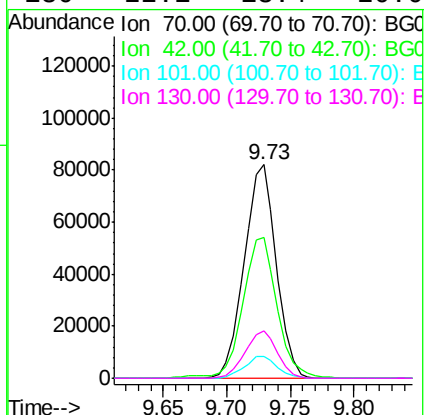
42 66.2 49.1 73.7

101 10.2 8.5 12.7

130 22.1 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 43.086 ng

RT: 9.68 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion: 107 Resp: 233423

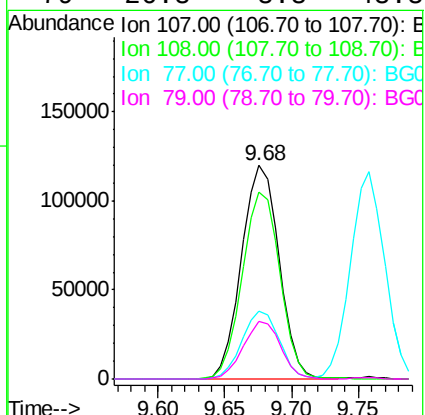
Ion Ratio Lower Upper

107 100

108 87.7 61.6 101.6

77 31.9 13.9 53.9

79 26.8 8.8 48.8





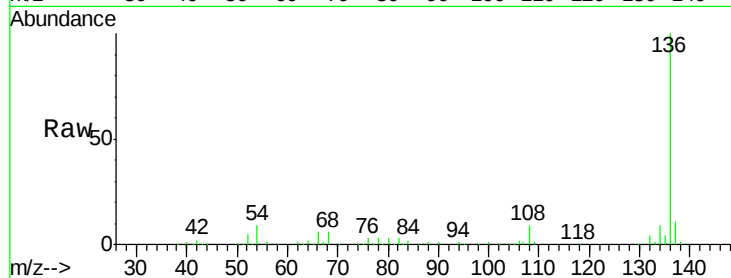
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

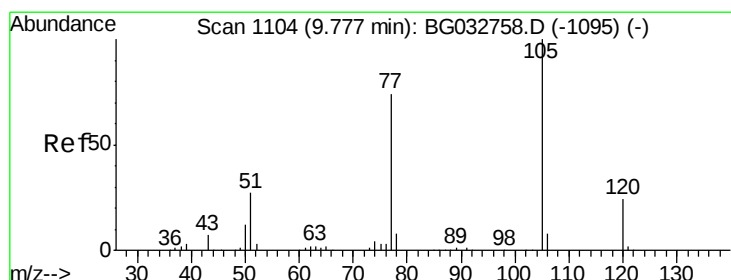
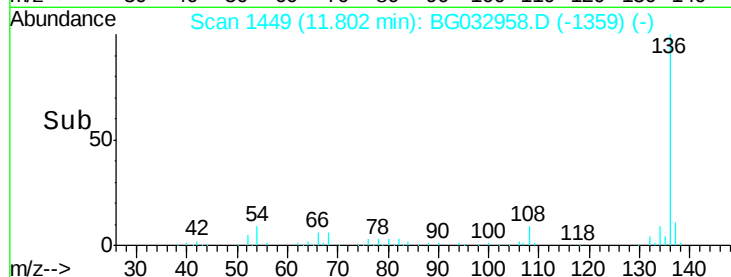
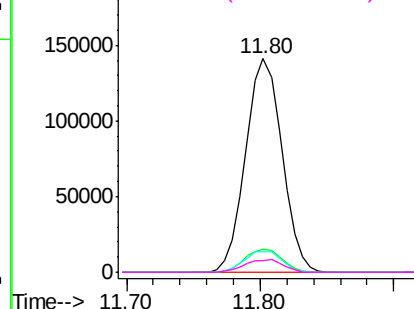
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.2	13.8	
54	9.5	10.3	15.5	
68	5.5	4.5	6.7	

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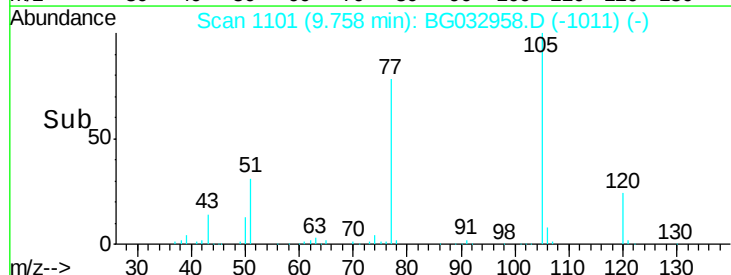
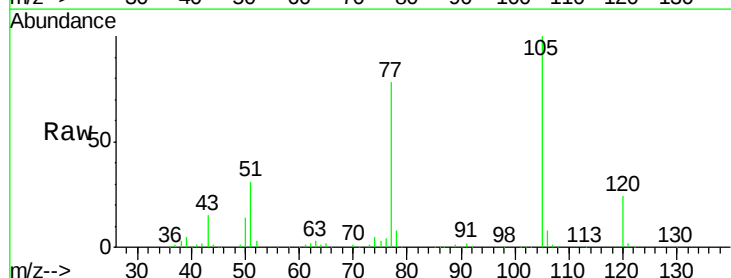
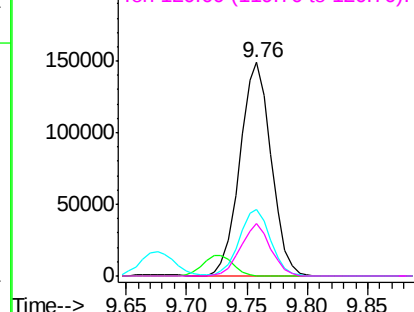
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 40.044 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.2	3.0	4.4	
51	31.1	26.1	39.1	
120	24.3	17.4	26.2	

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





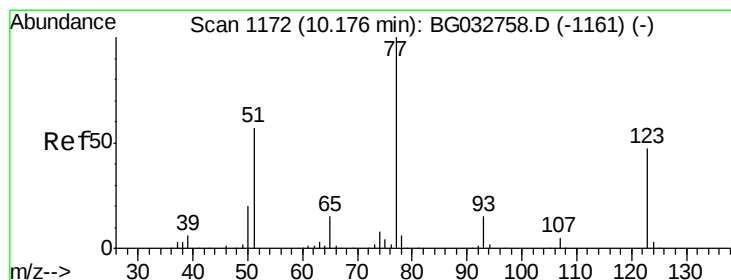
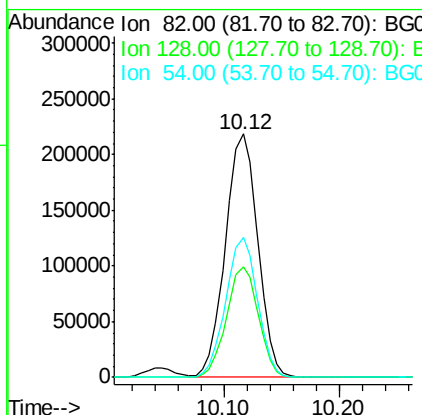
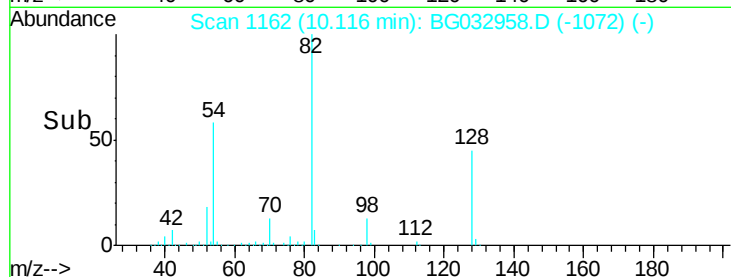
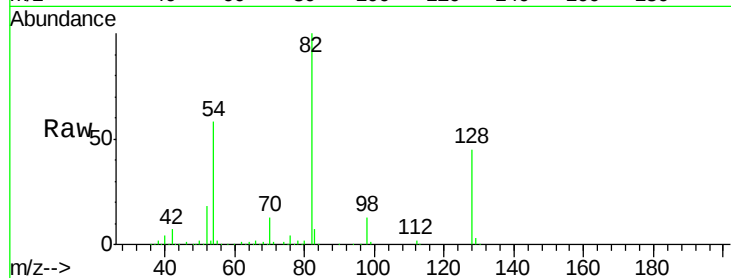
#23
Nitrobenzene-d5
Concen: 107.822 ng
RT: 10.12 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampled :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	57.6	43.1	64.7

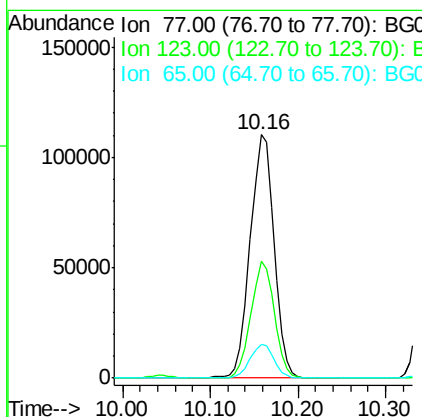
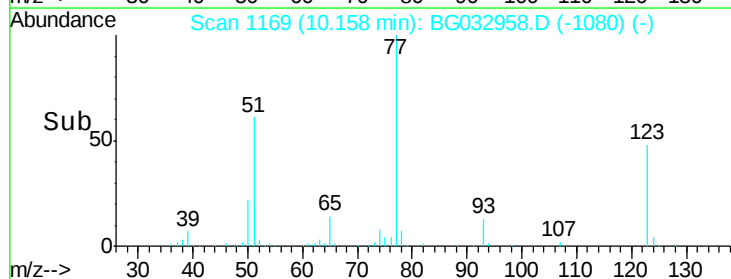
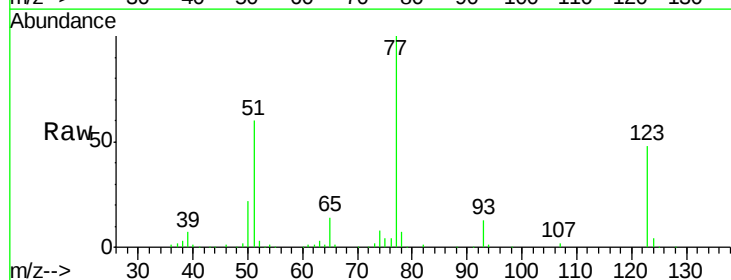
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#24
Nitrobenzene
Concen: 48.229 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 42.393 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

ClientSampleId :

PB107014BSD

Tot Ion: 82 Resp: 395428

Ion Ratio Lower Upper

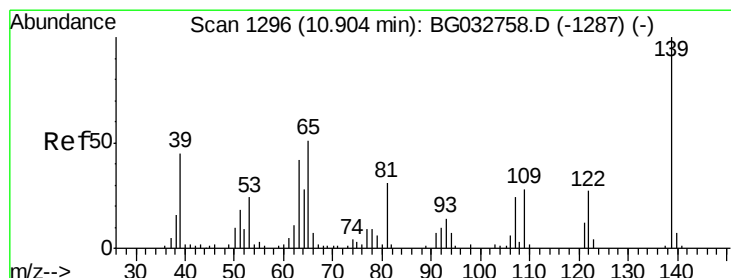
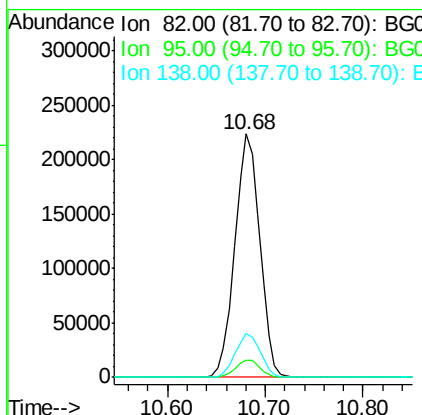
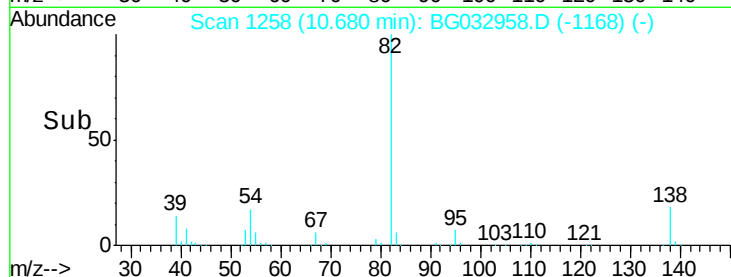
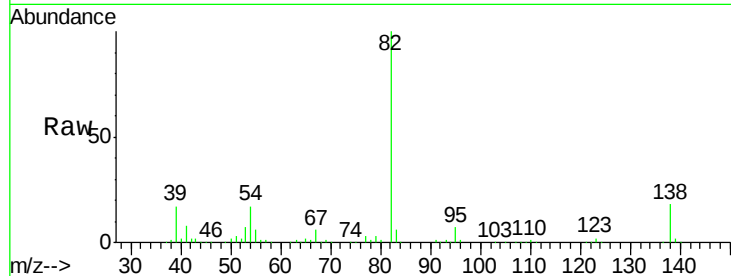
82 100

95 7.0 6.2 9.2

138 18.1 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 61.738 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

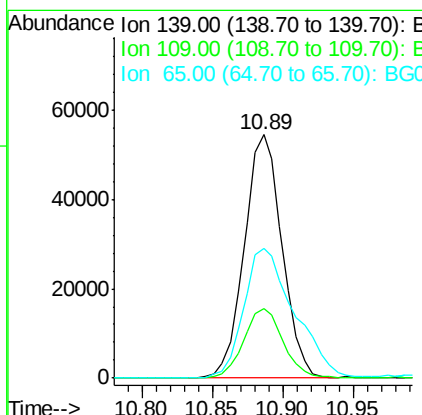
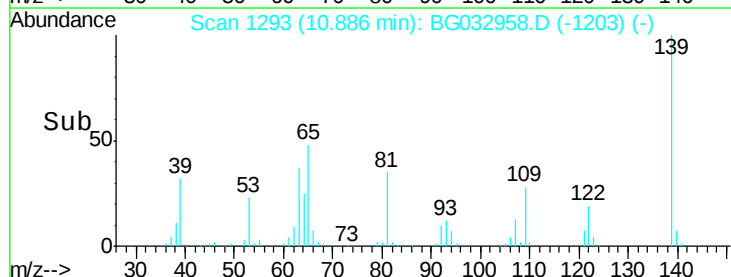
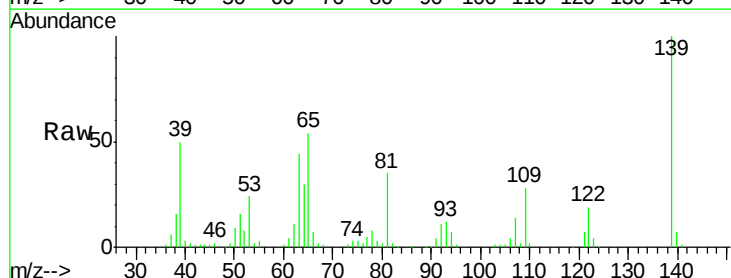
Tgt Ion: 139 Resp: 101906

Ion Ratio Lower Upper

139 100

109 28.5 24.2 36.2

65 53.5 47.4 71.0





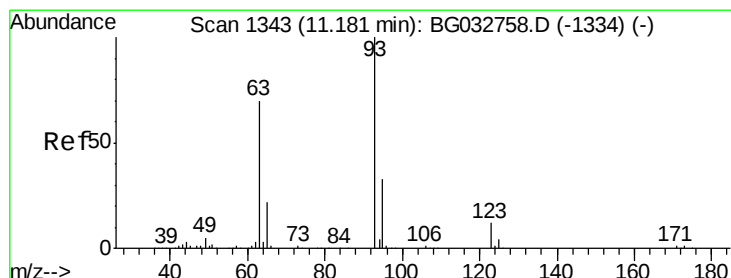
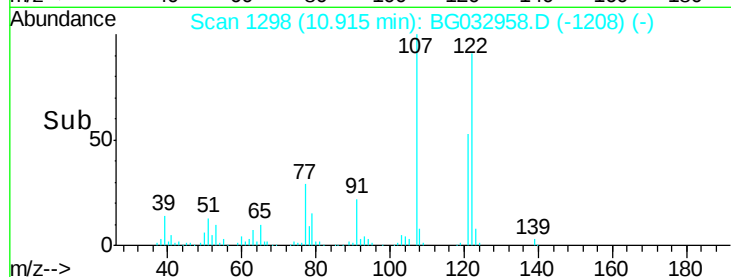
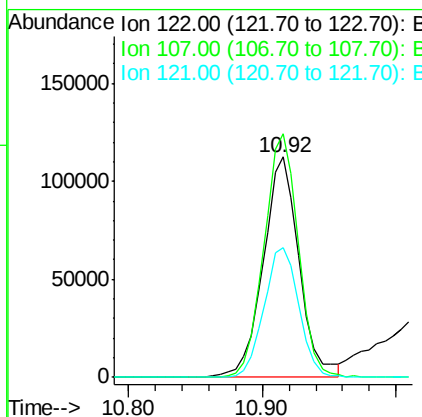
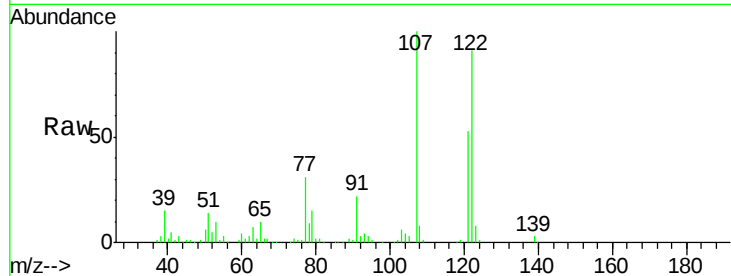
#27
 2,4-Dimethylphenol
 Concen: 51.971 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	100.2	150.2
121	58.7	44.4	66.6

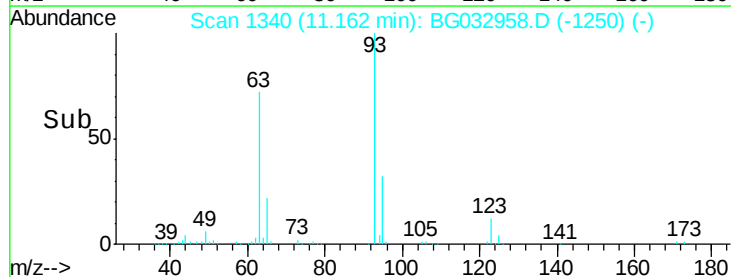
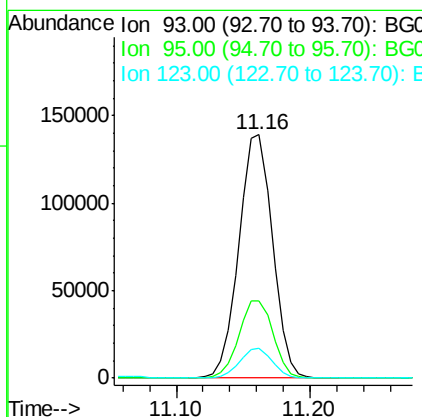
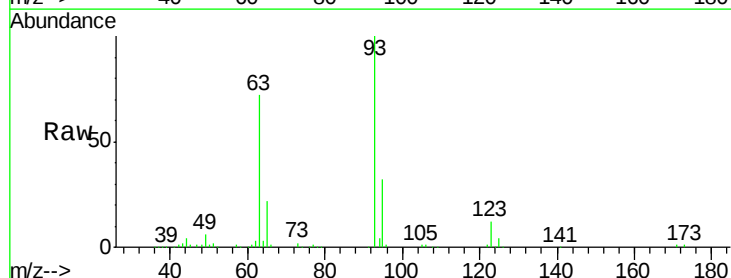
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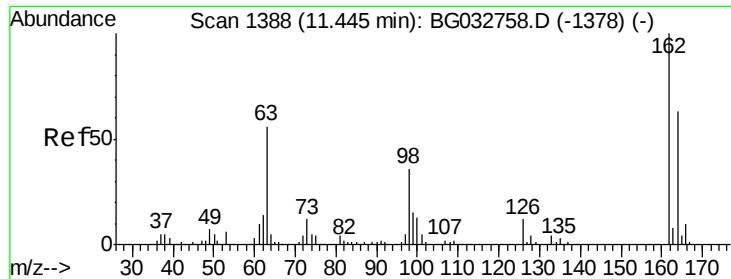
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.660 ng
 RT: 11.16 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.3	36.5
123	12.3	8.4	12.6





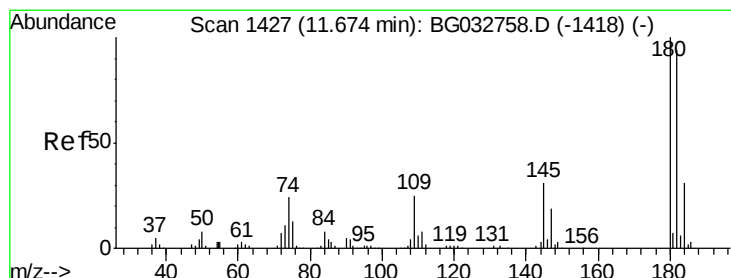
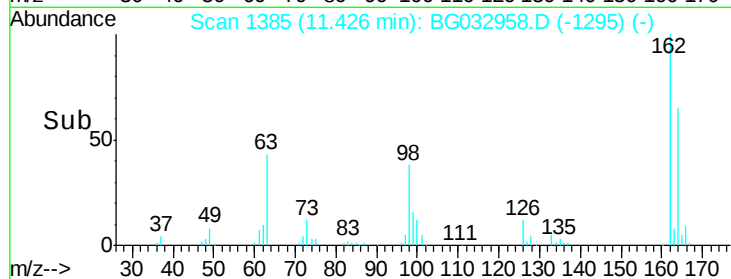
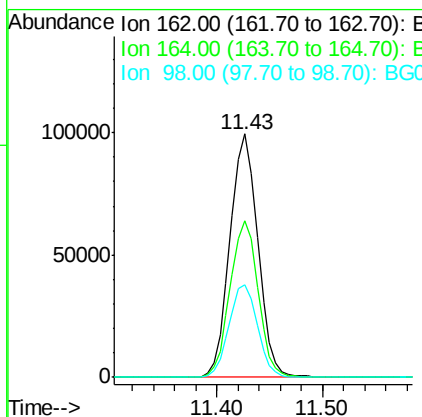
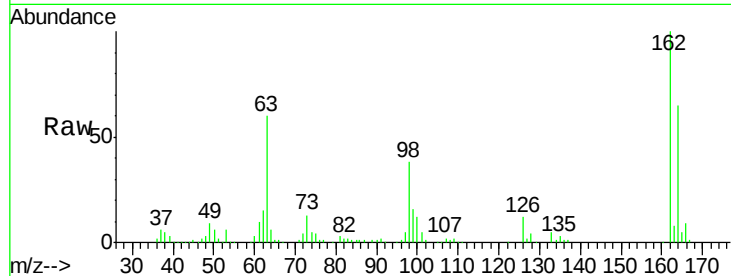
#29
 2,4-Dichlorophenol
 Concen: 49.387 ng
 RT: 11.43 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	181627		
164	64.6	48.0	88.0	
98	37.9	21.1	61.1	

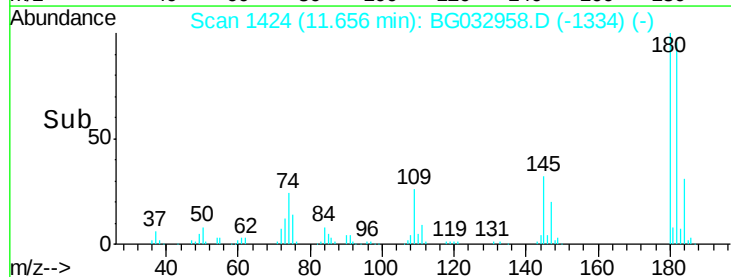
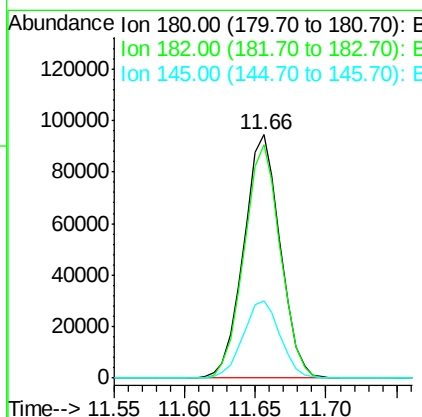
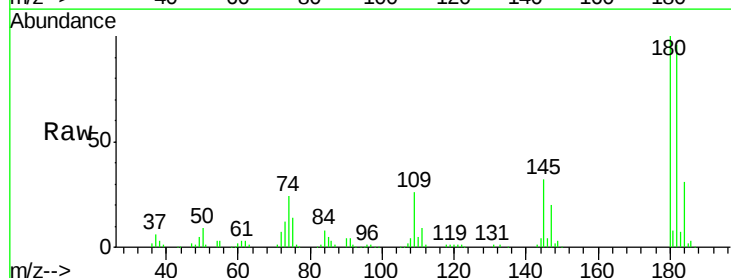
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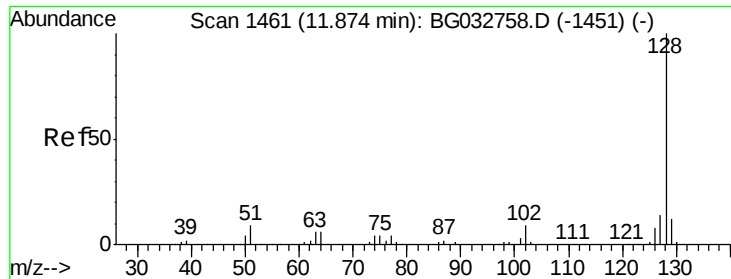
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.600 ng
 RT: 11.66 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170715		
182	95.8	77.5	116.3	
145	31.7	23.4	35.2	





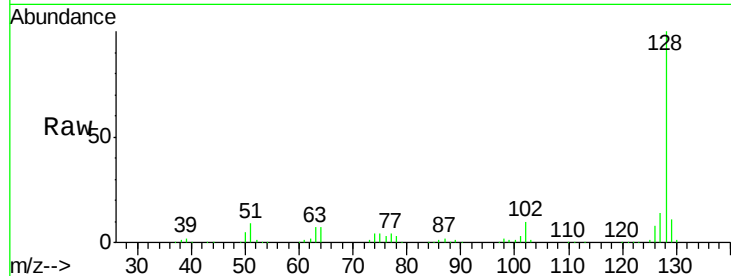
#31
Naphthalene
Concen: 41.326 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.8	11.6	17.4

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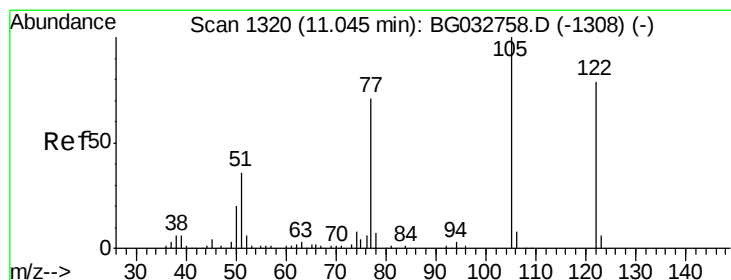
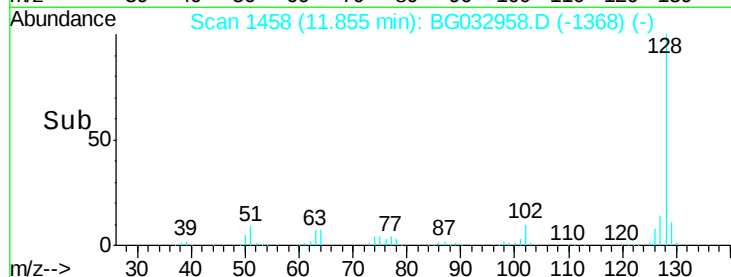
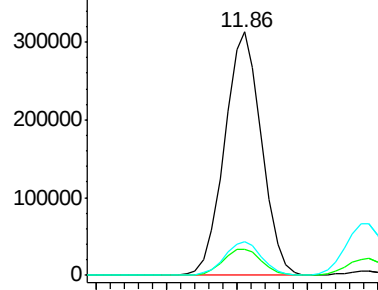


Abundance

Ion 128.00 (127.70 to 128.70): E

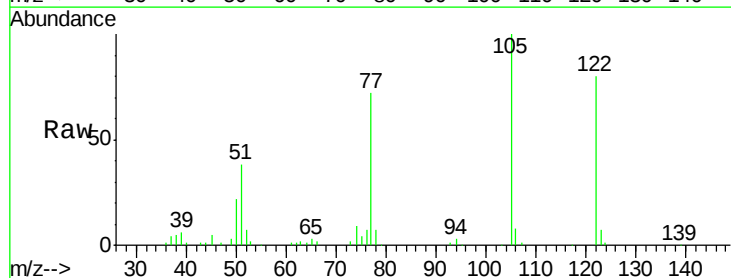
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.599 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	123.5	163.5
77	89.5	85.7	125.7

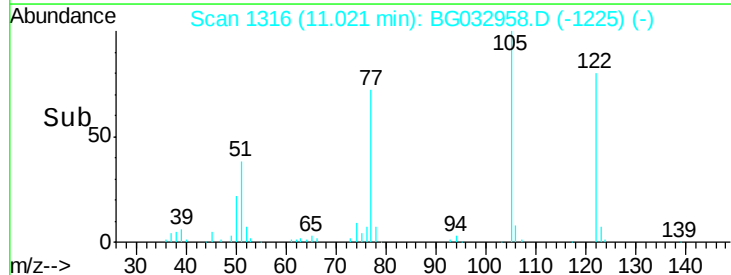
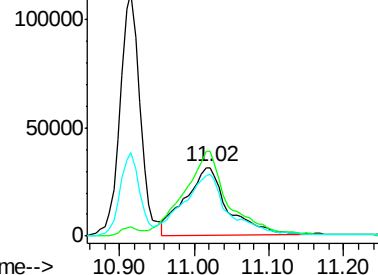


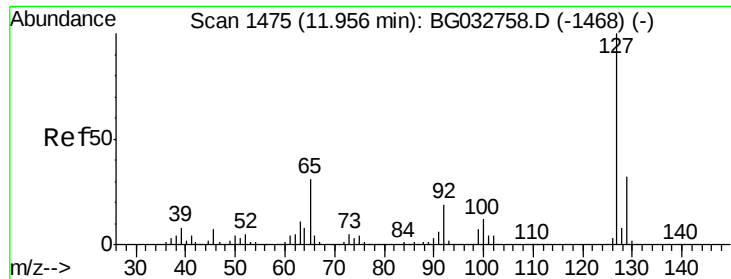
Abundance

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





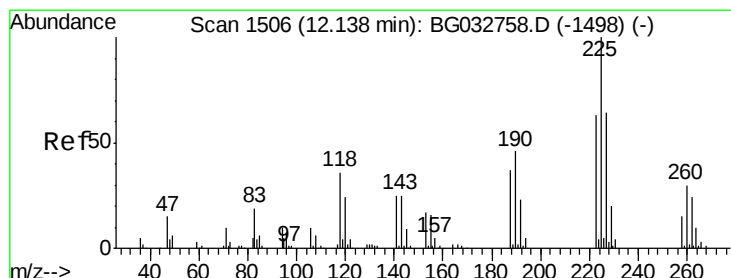
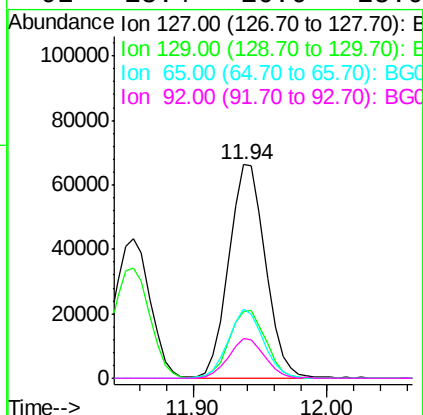
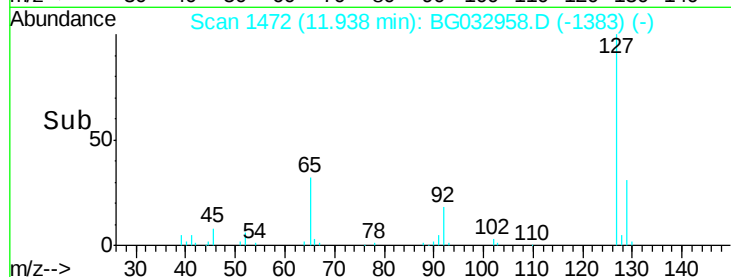
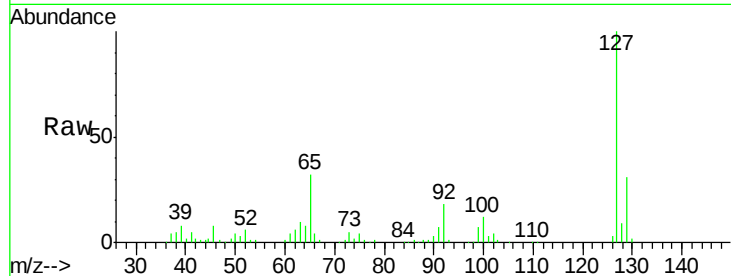
#33
4-Chloroaniline
Concen: 20.355 ng
RT: 11.94 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	24.0	36.0
65	32.3	27.0	40.4
92	18.4	16.6	25.0

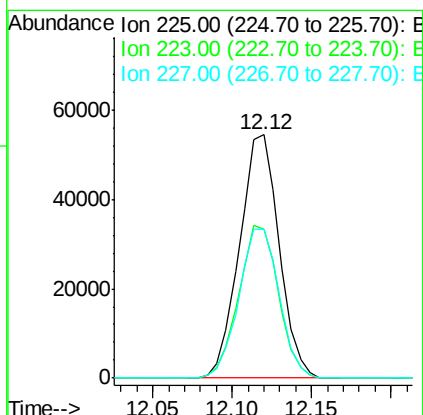
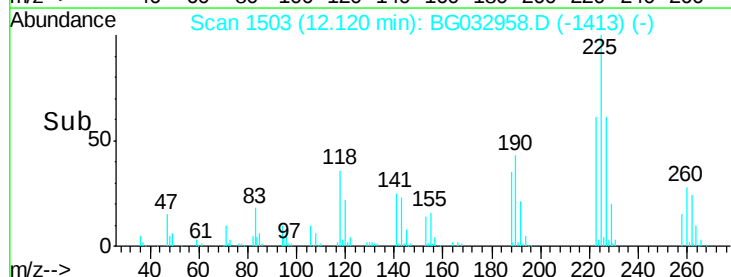
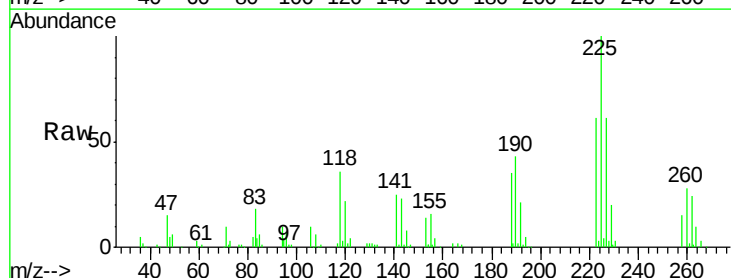
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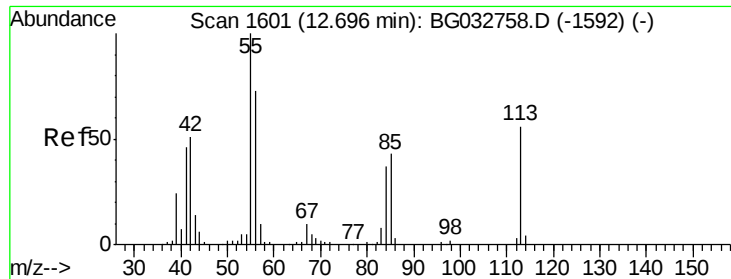
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#34
Hexachlorobutadiene
Concen: 38.985 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	61.3	48.1	72.1





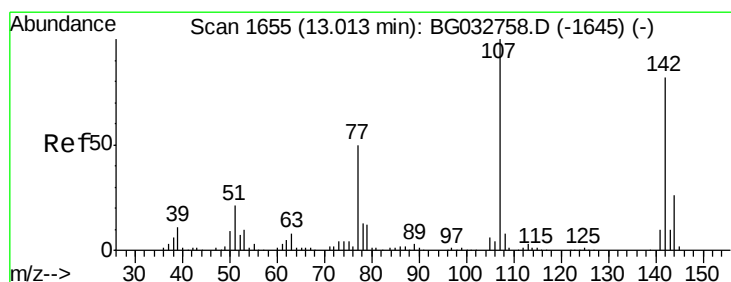
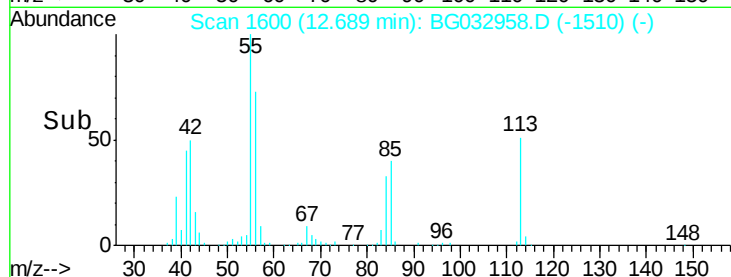
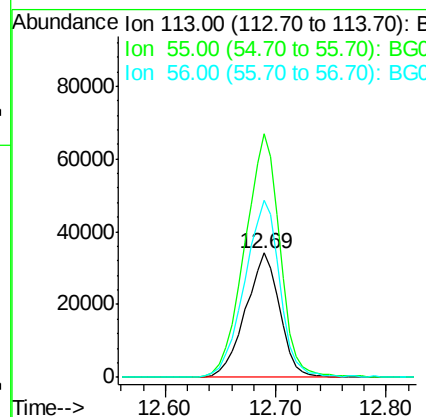
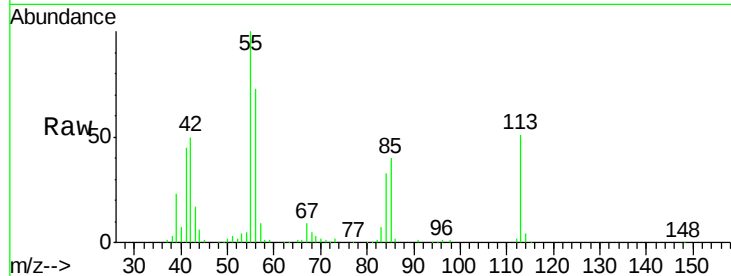
#35
 Caprolactam
 Concen: 50.460 ng
 RT: 12.69 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.1	186.9	226.9
56	142.7	130.9	170.9

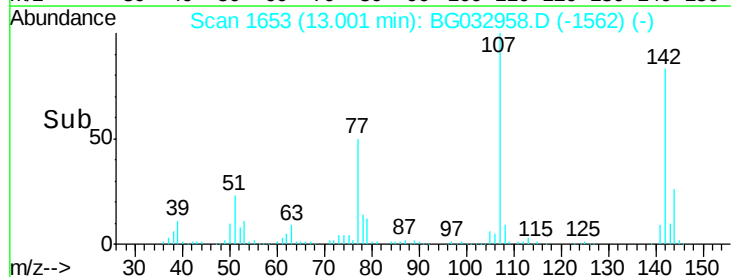
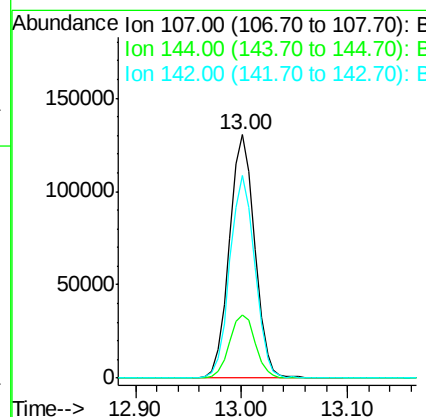
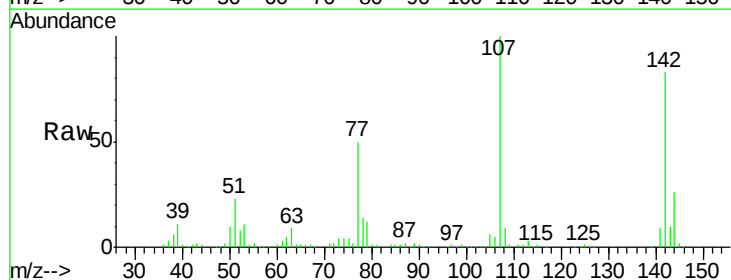
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#36
 4-Chloro-3-methylphenol
 Concen: 50.700 ng
 RT: 13.00 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	18.2	27.4
142	83.1	59.0	88.4





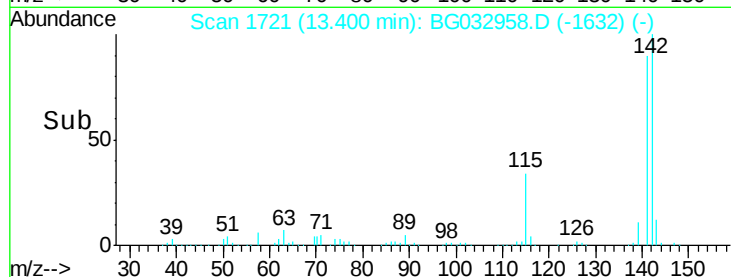
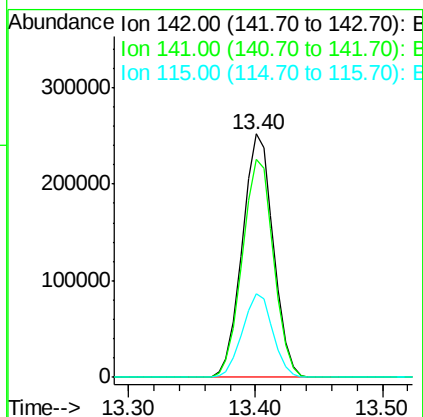
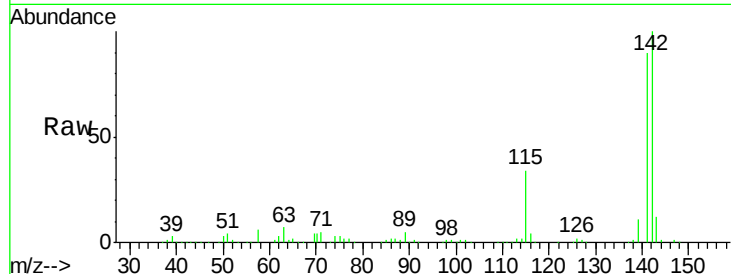
#37
2-Methylnaphthalene
Concen: 42.506 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	34.3	30.7	46.1

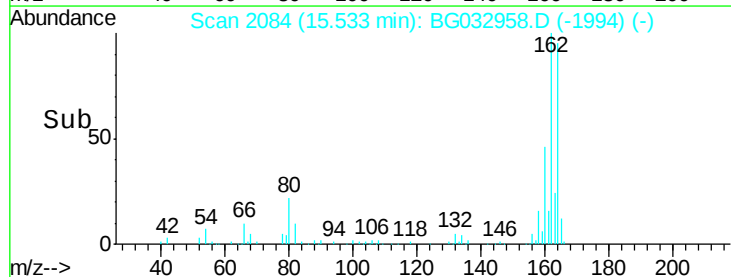
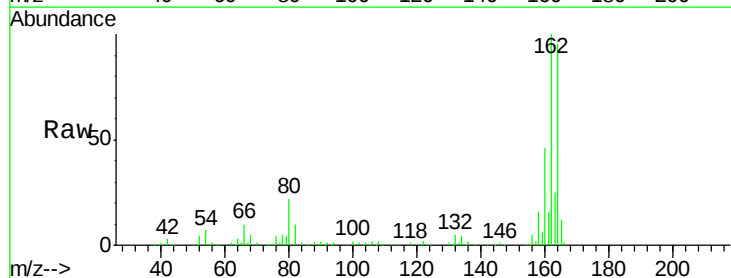
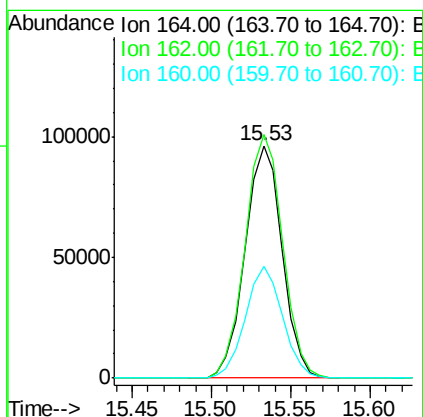
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	48.1	35.4	53.0





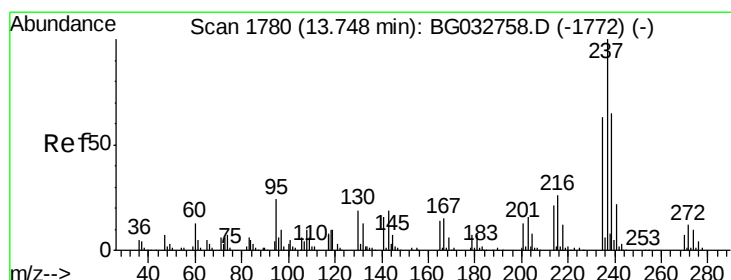
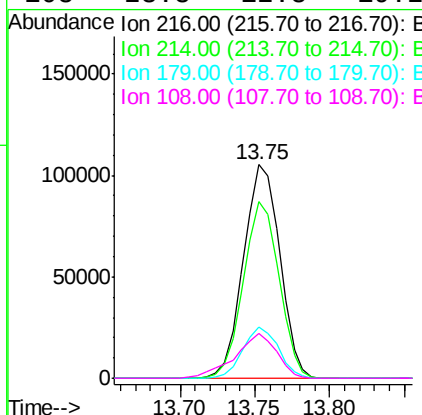
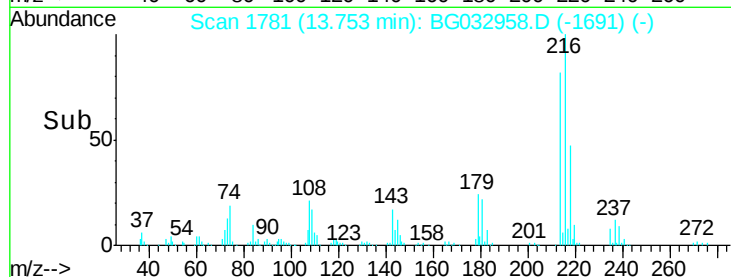
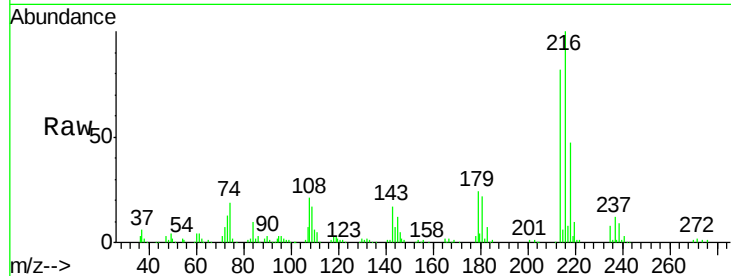
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.360 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	81.1		63.0	94.4	
179	23.1		17.0	25.6	
108	23.8		12.8	19.2	

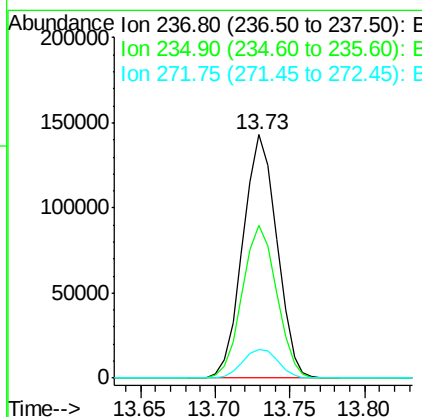
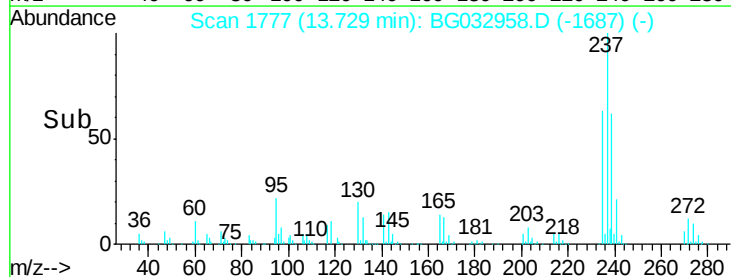
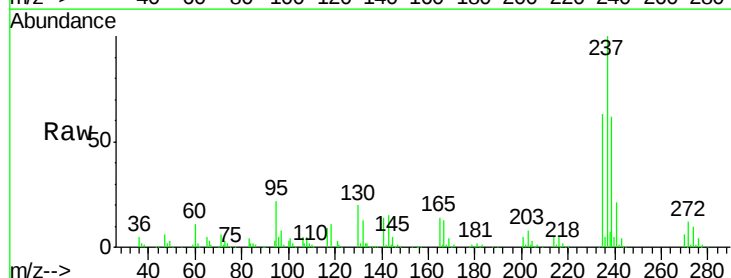
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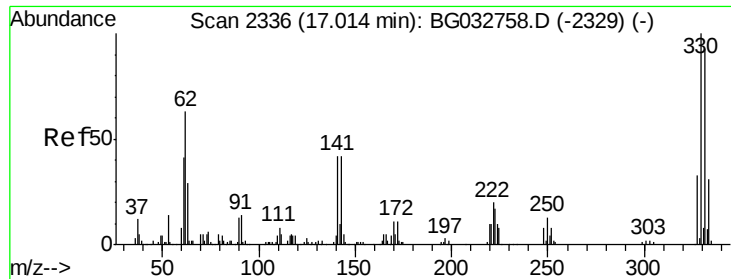
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#40
 Hexachlorocyclopentadiene
 Concen: 95.820 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.5		50.4	90.4	
272	11.7		0.0	31.8	





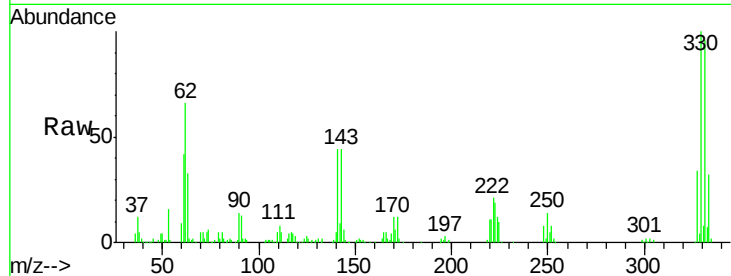
#41
 2,4,6-Tribromophenol
 Concen: 103.305 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

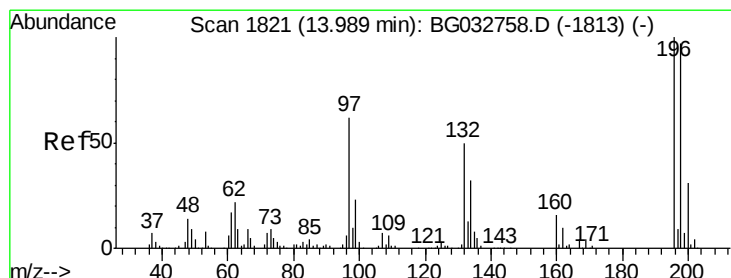
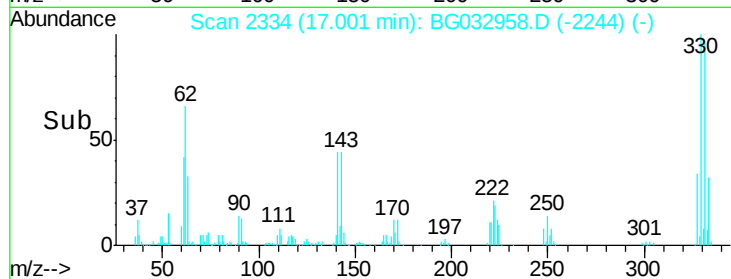
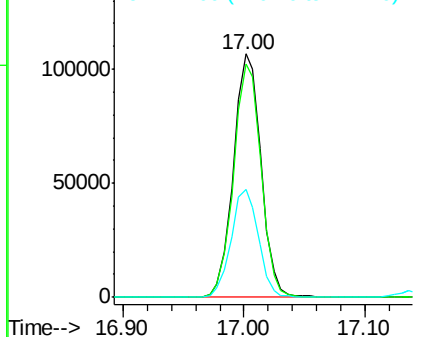
Tot Ion	Ratio	Resp	Lower	Upper
330	100	169423		
332	95.5	77.0	115.6	
141	44.3	25.2	37.8	

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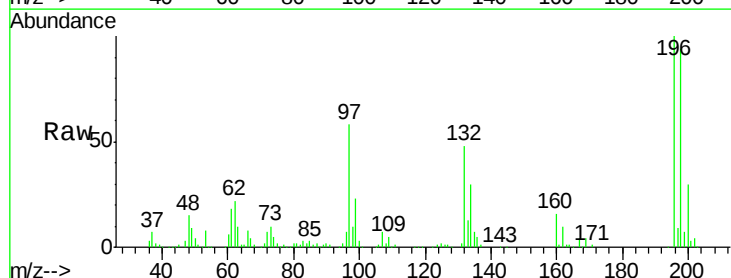


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

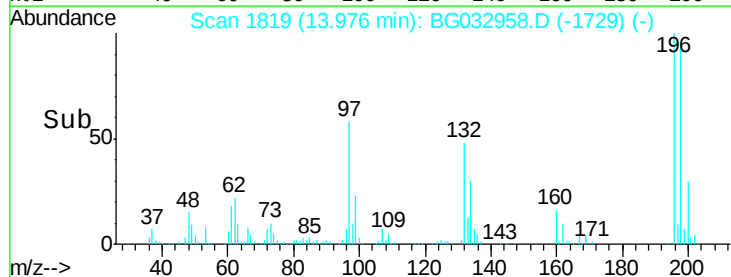
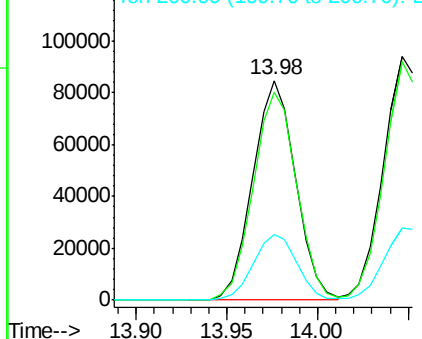


#42
 2,4,6-Trichlorophenol
 Concen: 47.898 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139860		
198	94.5	78.2	117.2	
200	29.8	24.6	36.8	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





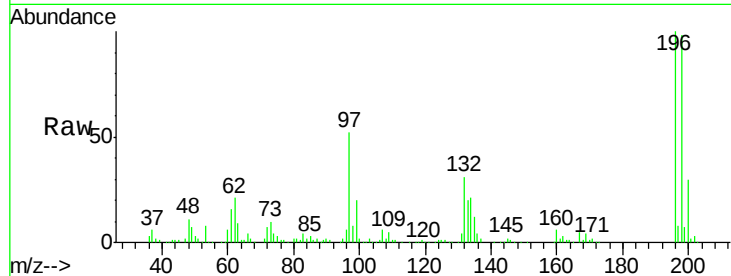
#43
 2,4,5-Trichlorophenol
 Concen: 47.151 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	159348		
198	98.1	76.2	114.4	
97	52.3	38.7	58.1	
132	31.3	20.2	30.2	

Manual Integrations
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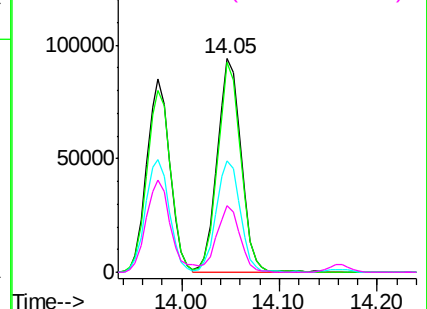
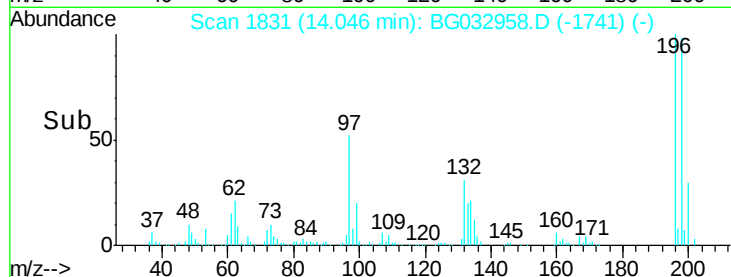
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

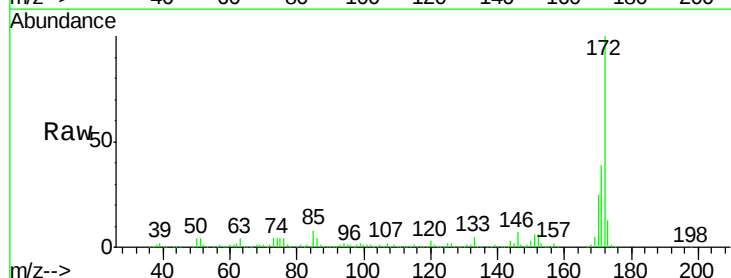
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.079 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	930915		
171	39.0	30.0	45.0	
170	25.3	19.5	29.3	

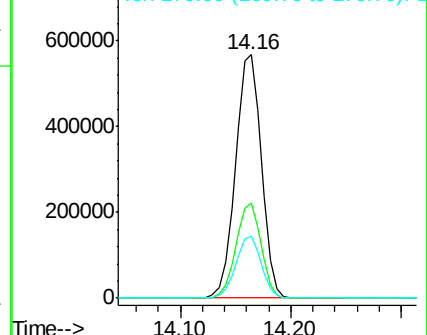
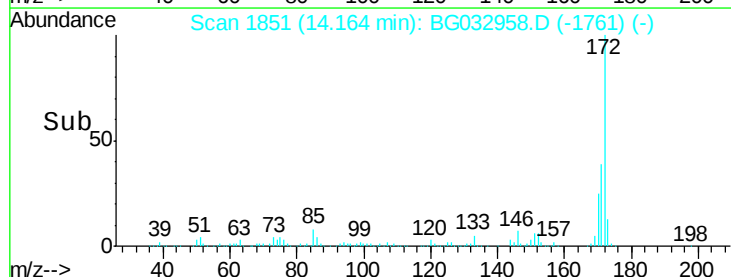


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





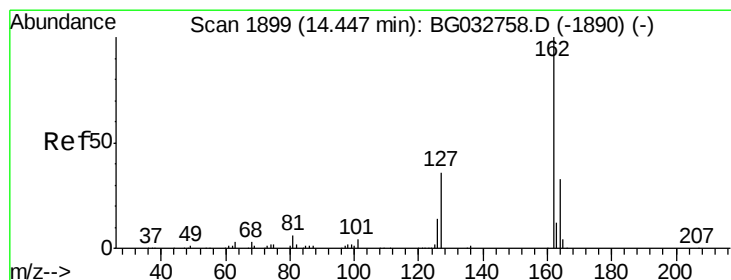
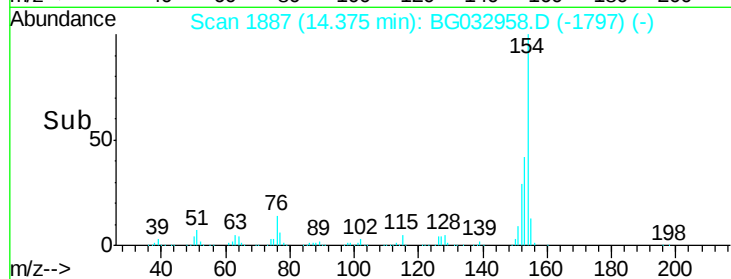
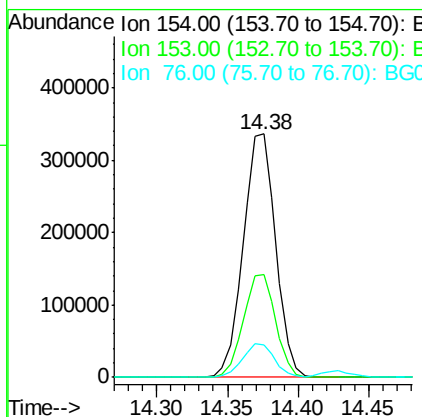
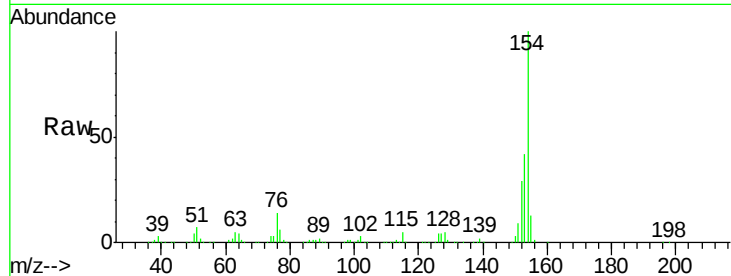
#45
 1,1'-Biphenyl
 Concen: 39.640 ng
 RT: 14.38 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion:	154	Resp:	540281
Ion Ratio	Lower	Upper	
154	100		
153	42.0	19.8	59.8
76	13.6	0.0	31.9

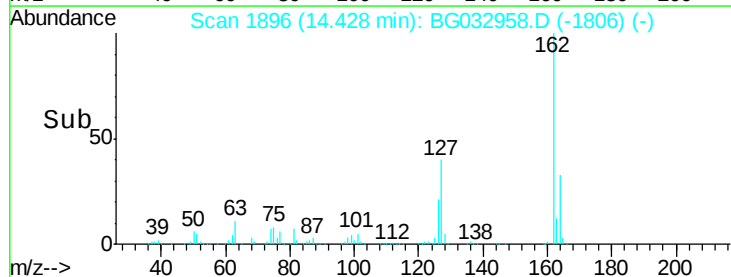
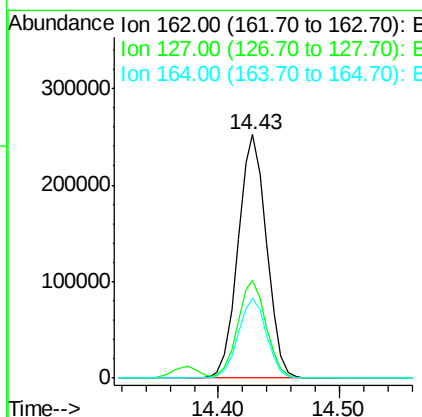
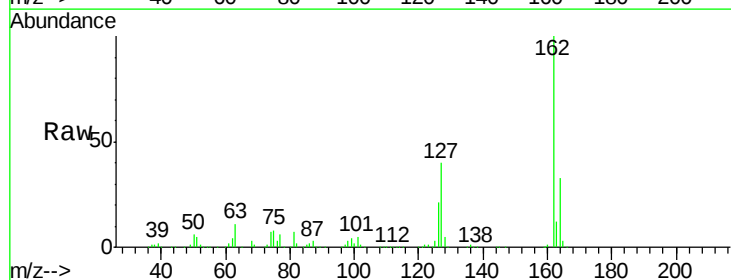
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 40.559 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion:	162	Resp:	412951
Ion Ratio	Lower	Upper	
162	100		
127	39.9	30.7	46.1
164	32.9	26.0	39.0





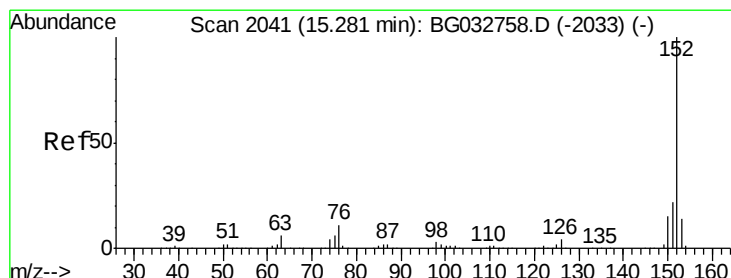
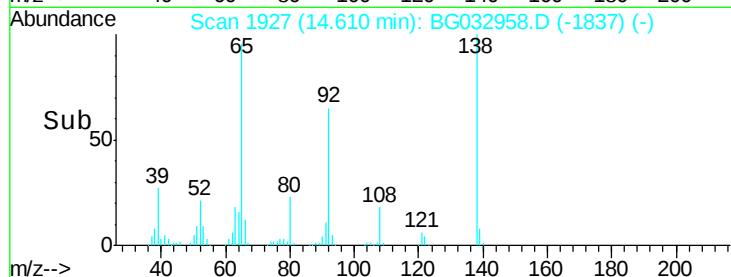
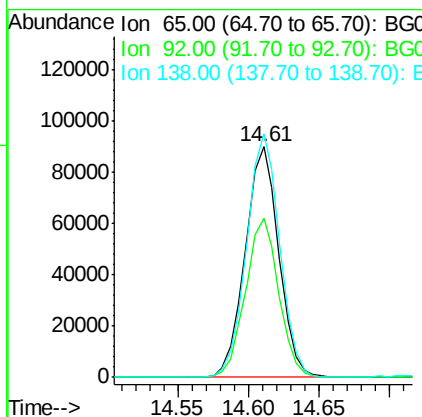
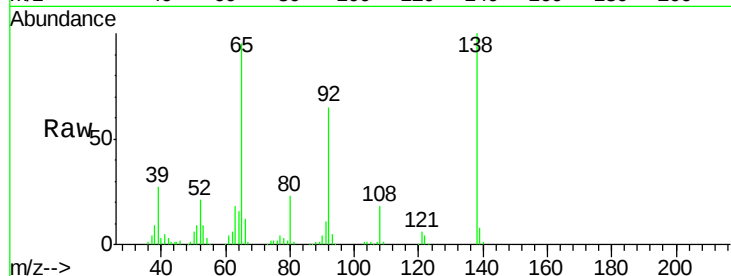
#47
2-Nitroaniline
Concen: 56.301 ng
RT: 14.61 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	54.6	82.0
138	105.6	72.9	109.3

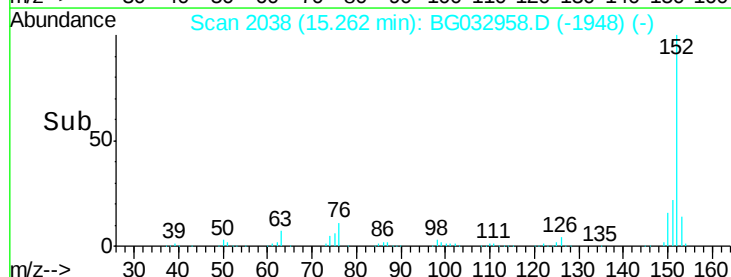
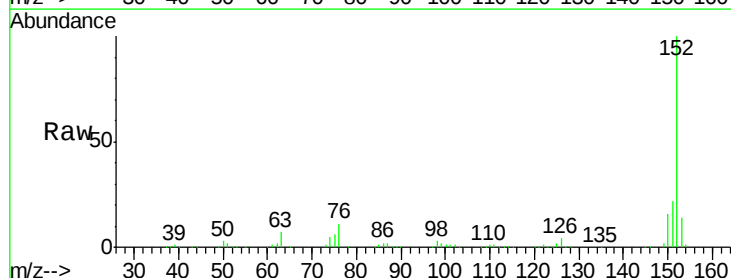
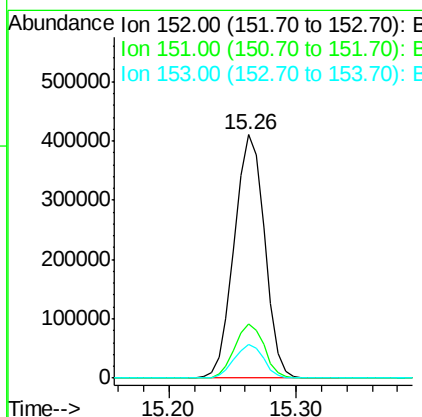
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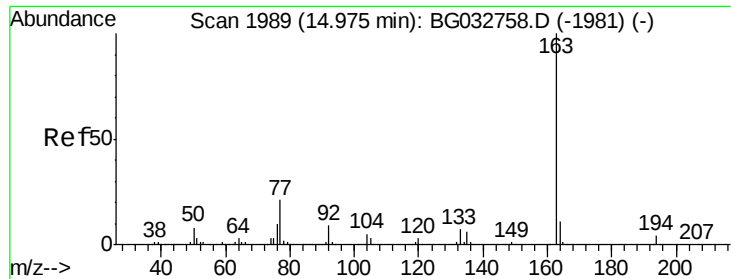
Sohil
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#48
Acenaphthylene
Concen: 40.726 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	13.6	10.2	15.4





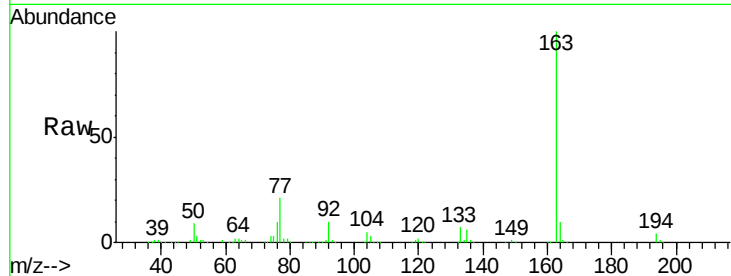
#49
Dimethylphthalate
Concen: 41.291 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	546843		
194	4.1		3.4	5.2
164	10.4		8.2	12.4

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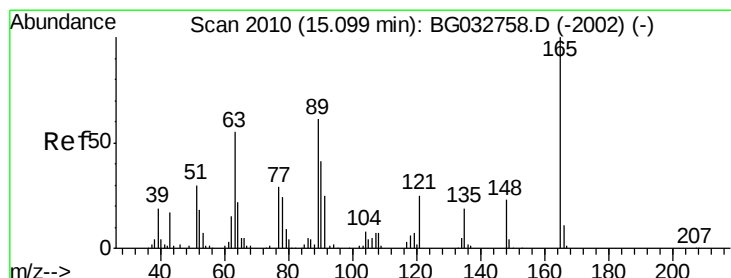
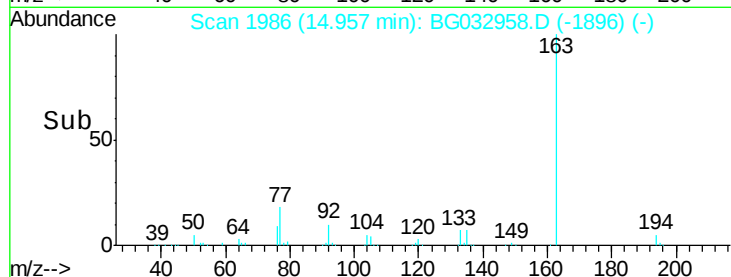
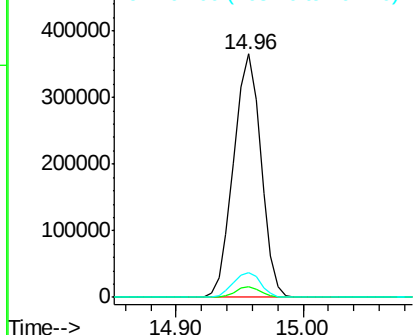


Abundance

Ion 163.00 (162.70 to 163.70): E

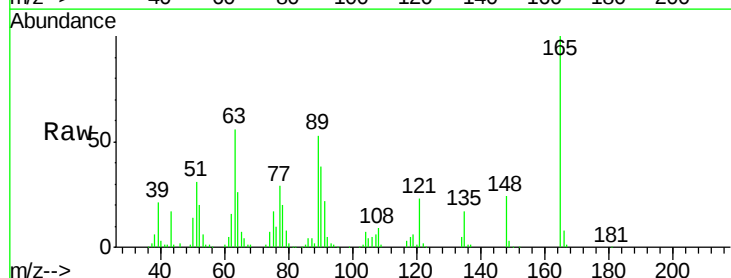
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 54.483 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122664		
63	55.5		52.7	79.1
89	53.3		49.2	73.8

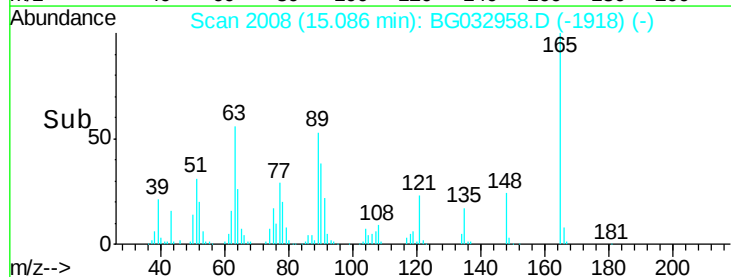
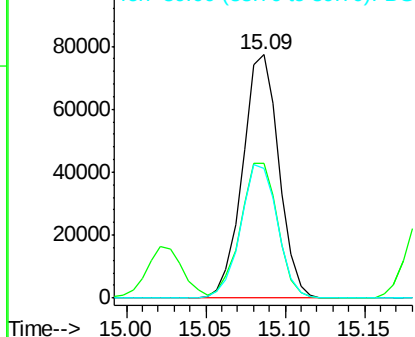


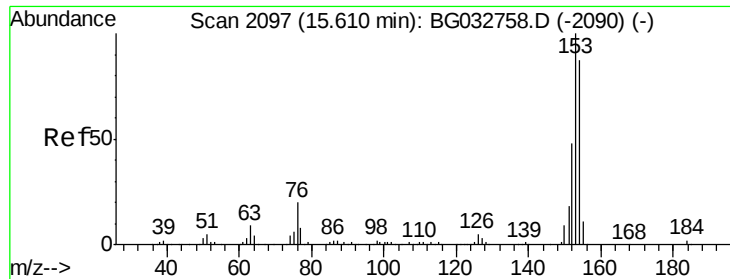
Abundance

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





#51

Acenaphthene

Concen: 43.919 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

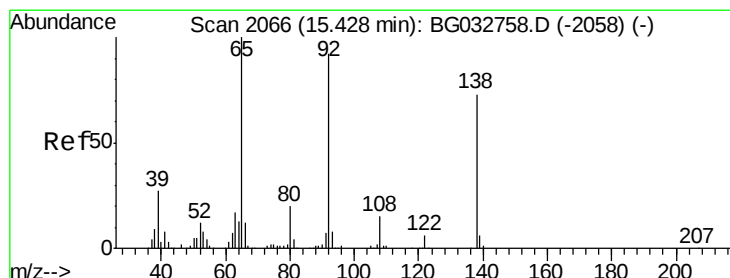
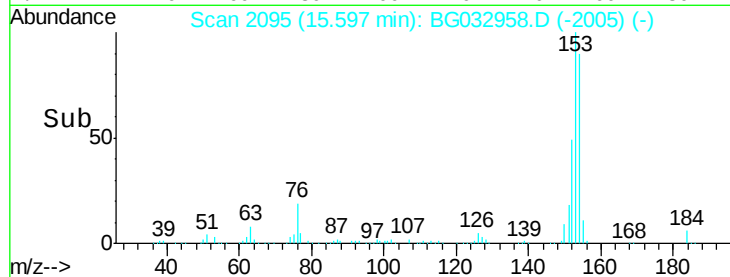
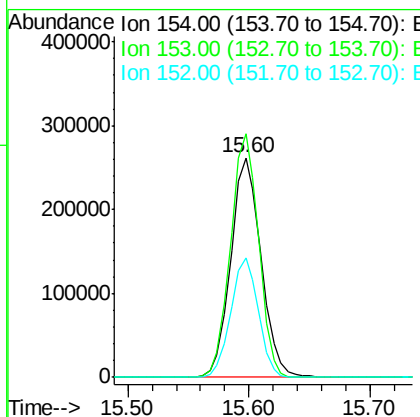
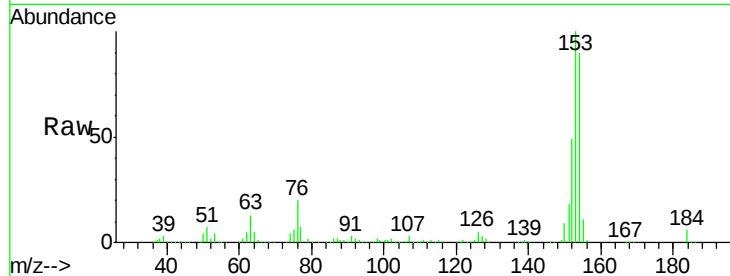
ClientSampleId :

PB107014BSD

Tot Ion:	154	Resp:	455938
Ion Ratio	Lower	Upper	
154	100		
153	110.9	90.4	135.6
152	54.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 33.948 ng

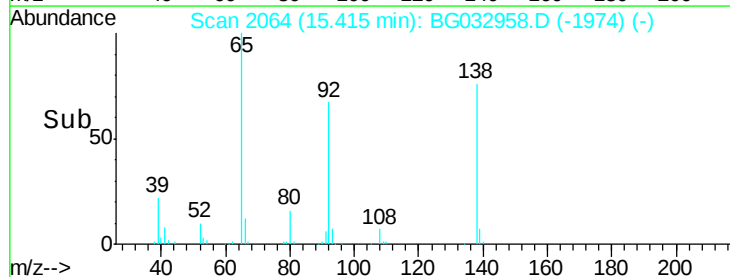
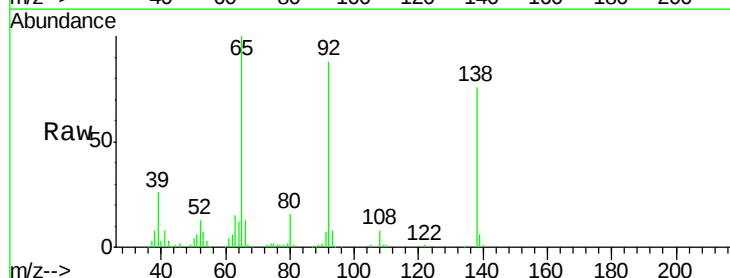
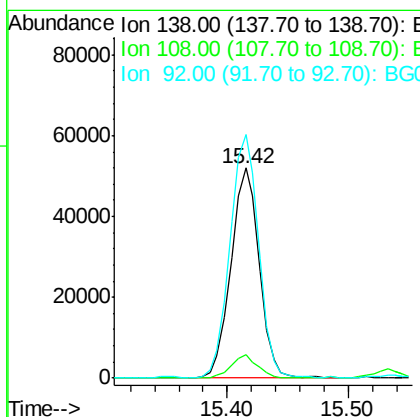
RT: 15.42 min Scan# 2064

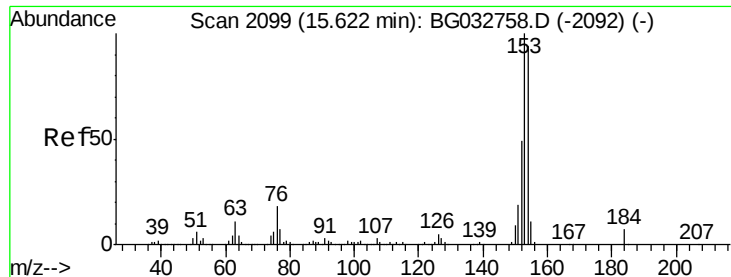
Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion:	138	Resp:	84955
Ion Ratio	Lower	Upper	
138	100		
108	10.9	17.5	26.3#
92	116.1	105.8	158.8





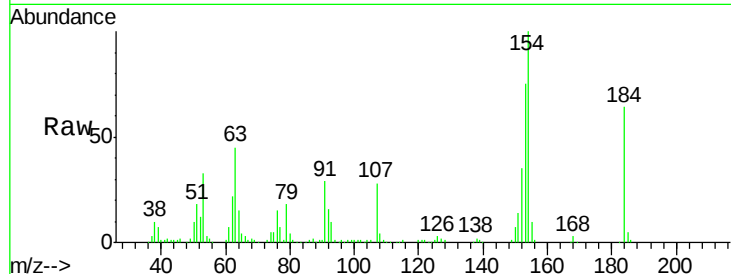
#53
2,4-Dinitrophenol
Concen: 110.499 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

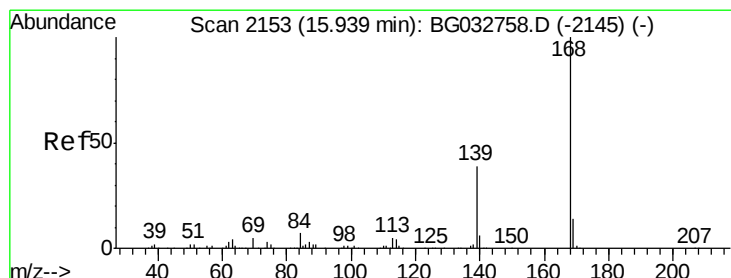
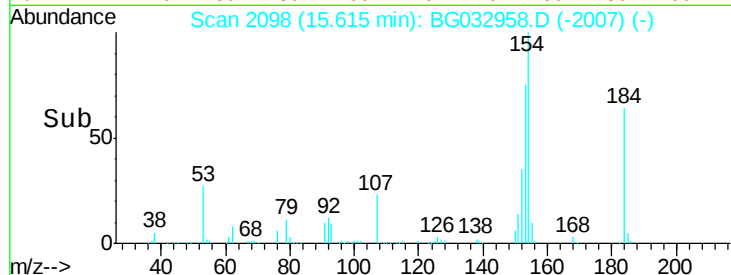
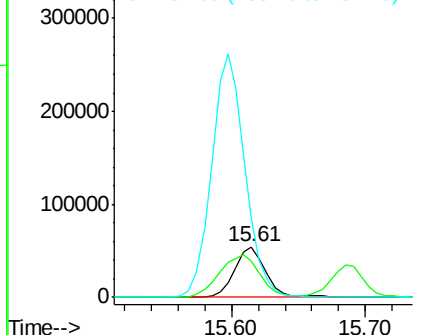
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.1	59.8	89.8
154	156.8	101.8	152.8#

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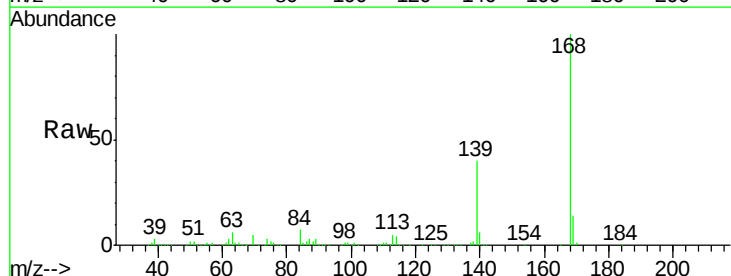


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

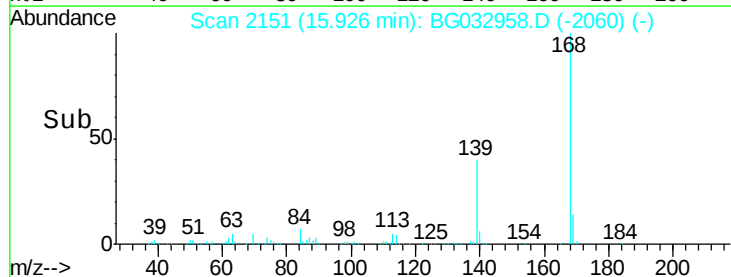
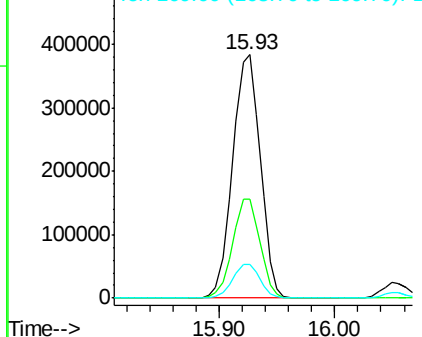


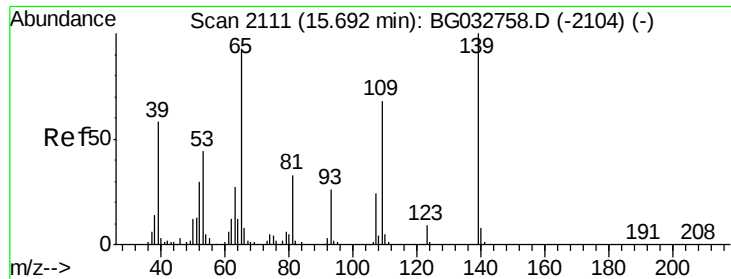
#54
Dibenzofuran
Concen: 43.019 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	28.6	43.0
169	13.6	11.2	16.8



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





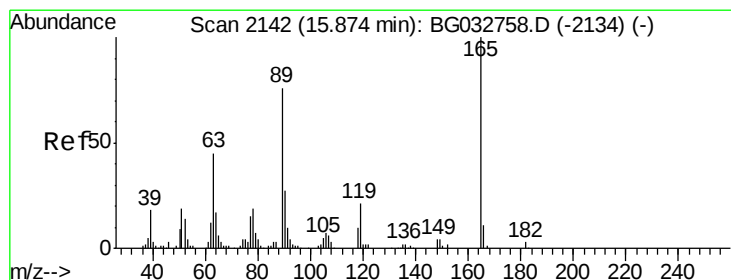
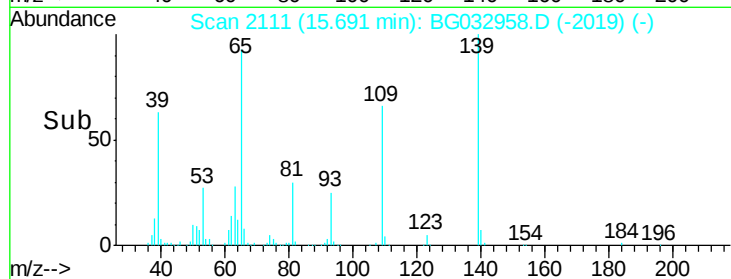
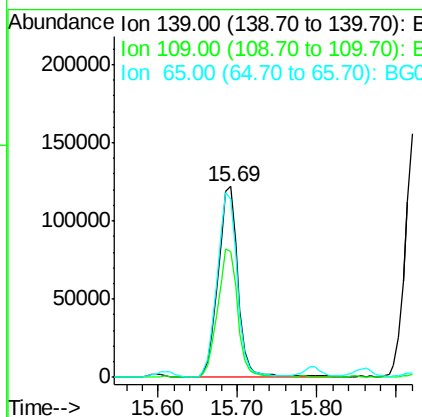
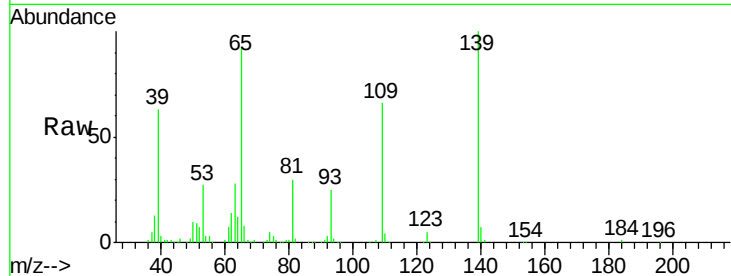
#55
4-Nitrophenol
Concen: 96.434 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.0	62.2	102.2	
65	93.3	97.2	137.2#	

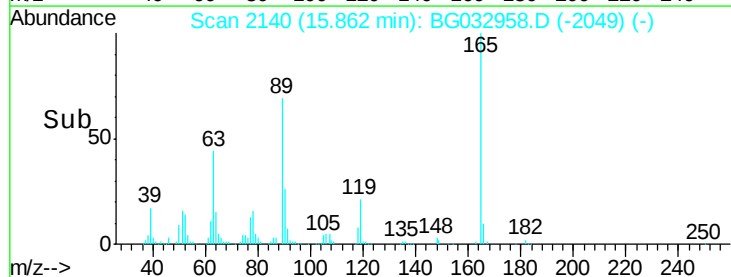
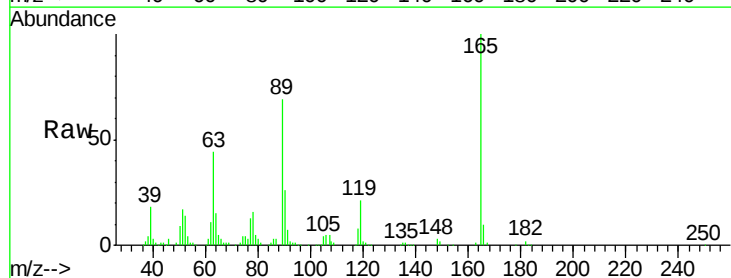
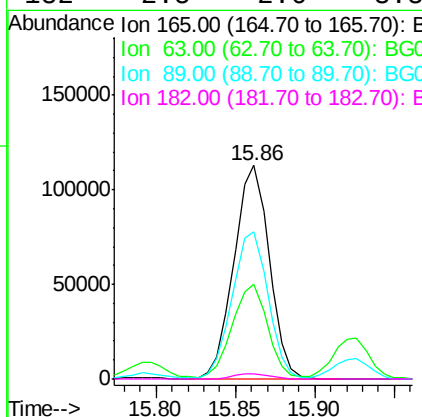
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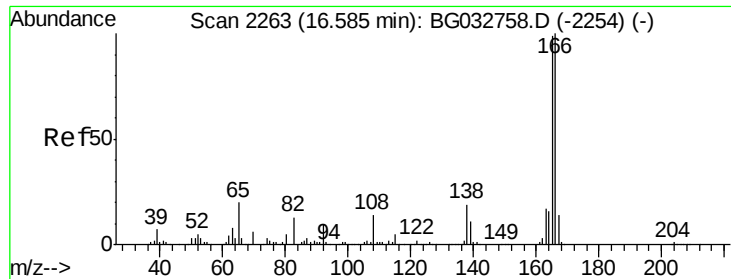
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#56
2,4-Dinitrotoluene
Concen: 62.955 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.1	42.0	63.0	
89	68.7	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 42.603 ng

RT: 16.57 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

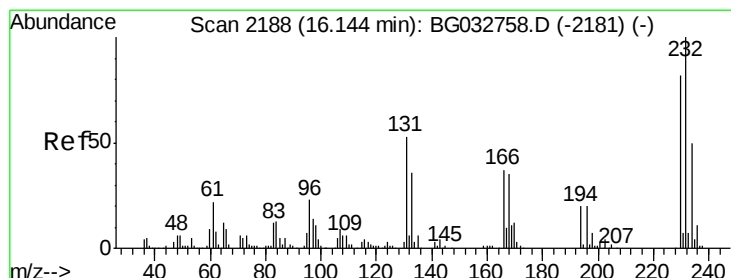
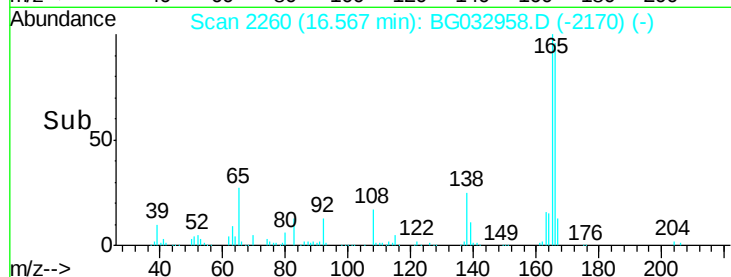
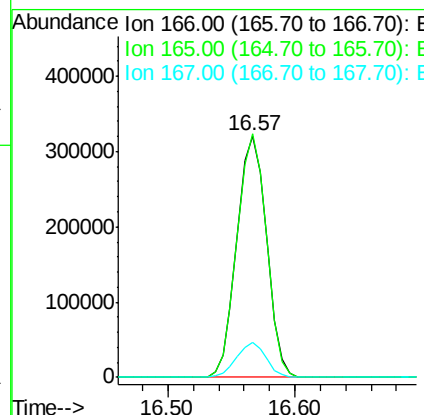
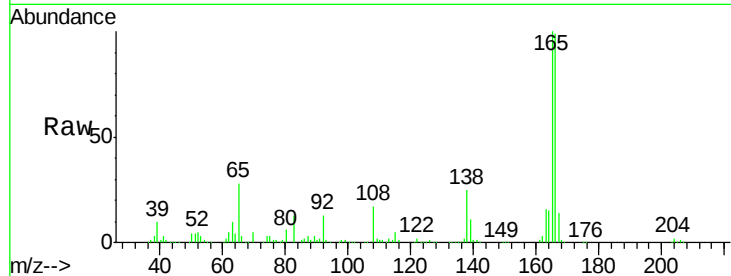
ClientSampleId :

PB107014BSD

Tot Ion:	166	Resp:	519767
Ion Ratio		Lower	Upper
166	100		
165	100.8	80.6	121.0
167	14.6	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 52.379 ng m

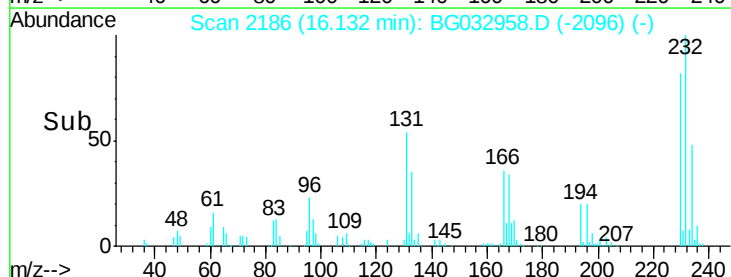
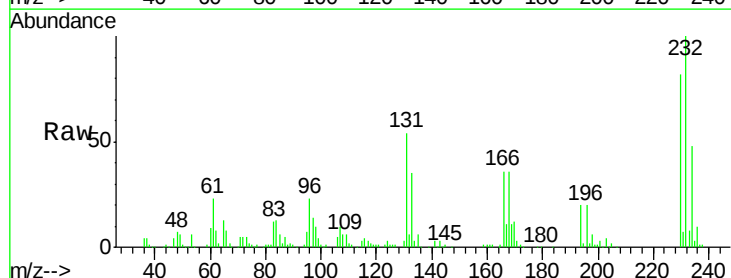
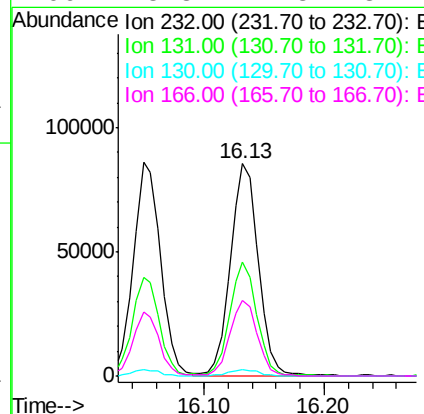
RT: 16.13 min Scan# 2186

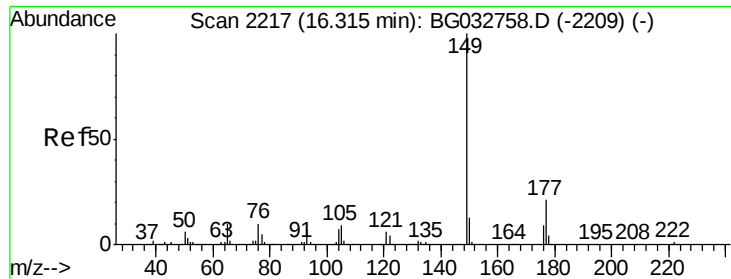
Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tgt Ion:	232	Resp:	137433
Ion Ratio		Lower	Upper
232	100		
131	45.6	33.5	50.3
130	3.0	2.2	3.2
166	28.3	24.8	37.2





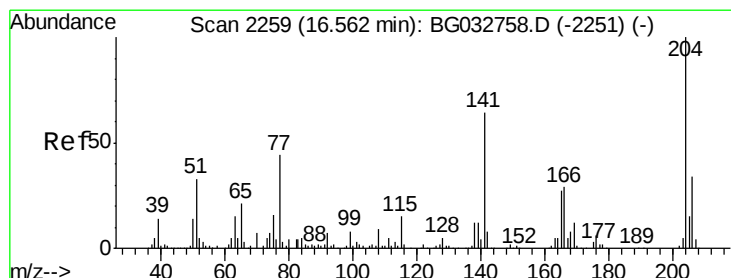
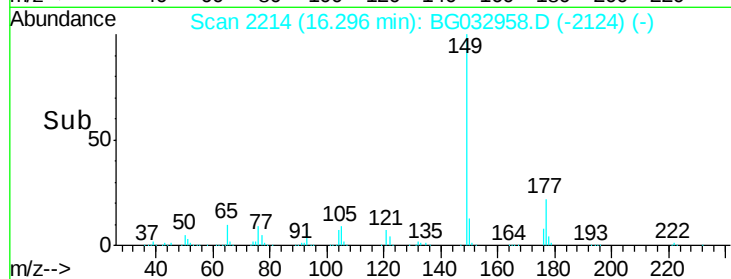
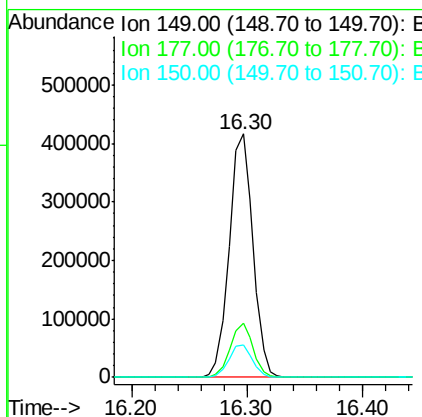
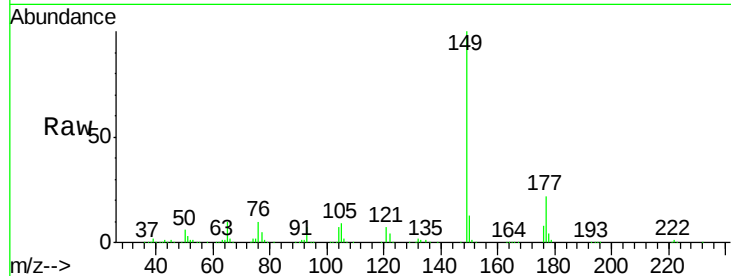
#59
Diethylphthalate
Concen: 42.078 ng
RT: 16.30 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.5	27.7
150	13.2	10.2	15.2

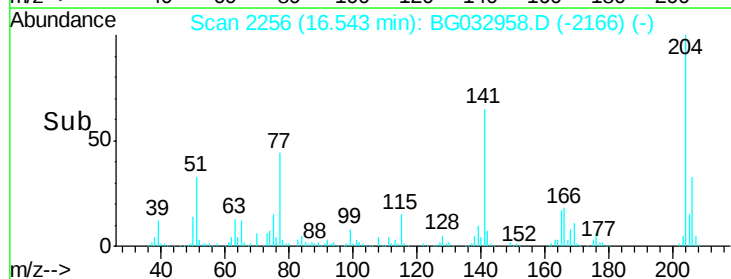
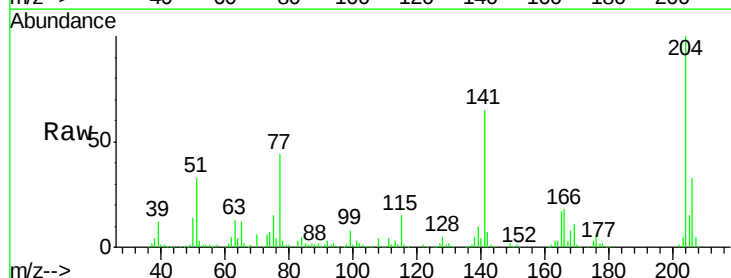
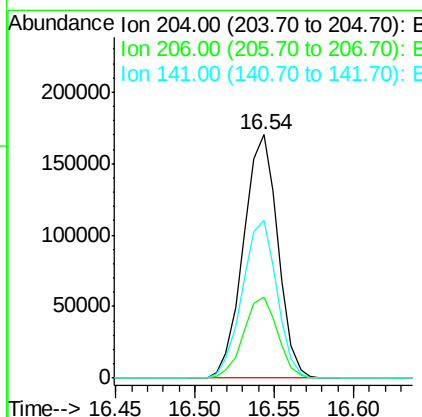
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#60
4-Chlorophenyl-phenylether
Concen: 42.832 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	64.9	45.8	68.6





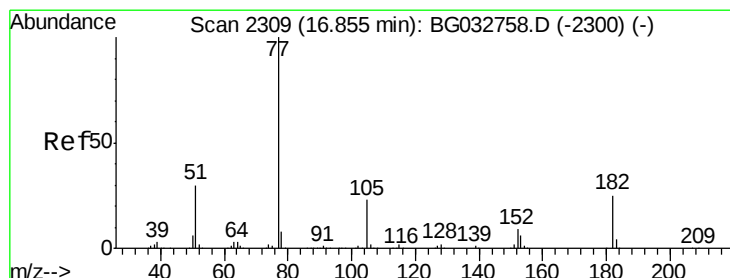
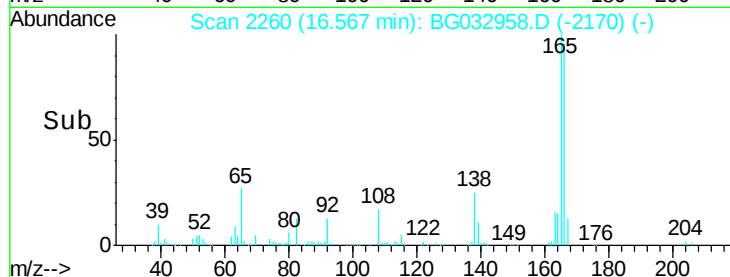
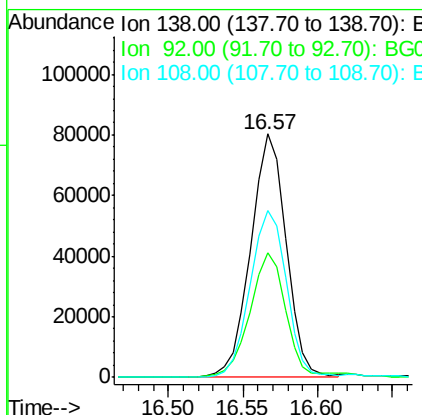
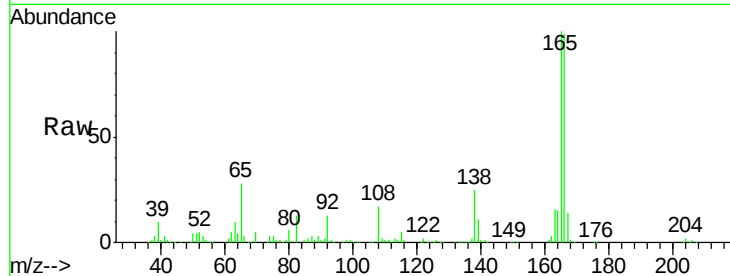
#61
4-Nitroaniline
Concen: 46.189 ng
RT: 16.57 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	40.1	80.1
108	68.8	65.4	105.4

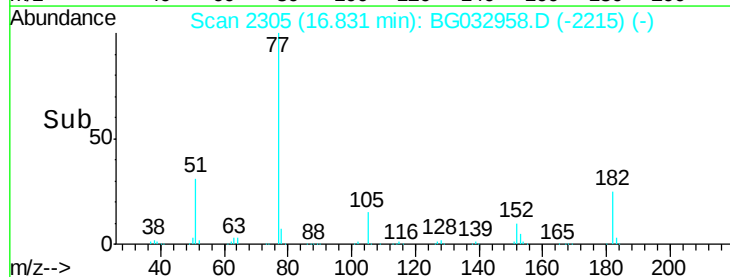
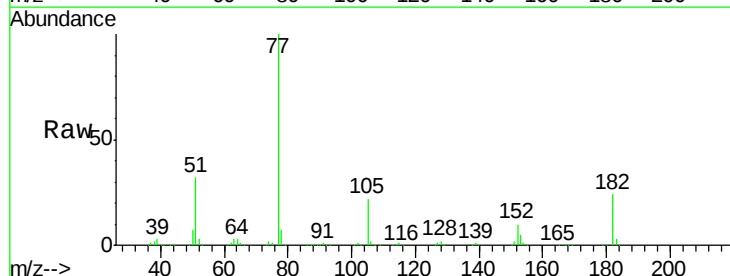
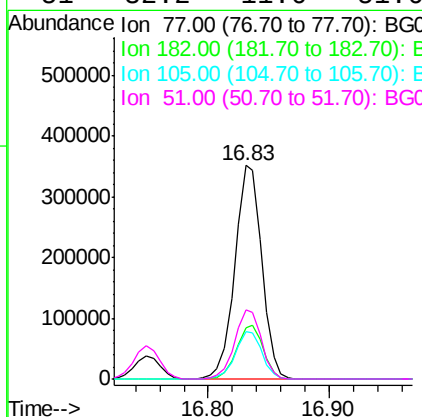
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#62
Azobenzene
Concen: 43.502 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	7.4	47.4
105	22.0	0.3	40.3
51	32.2	11.6	51.6





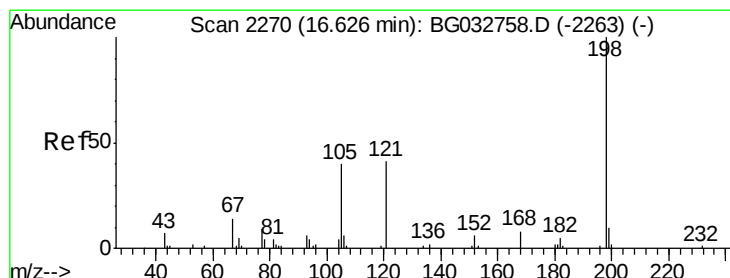
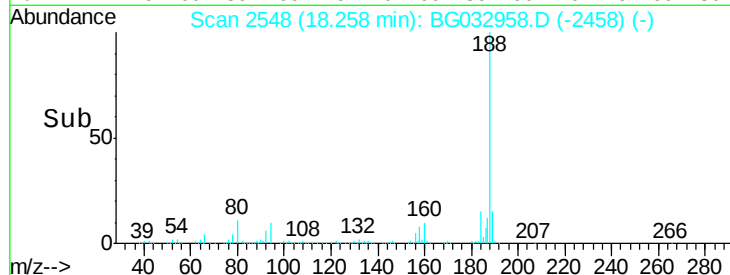
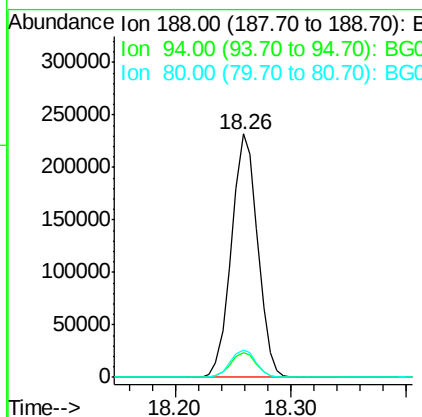
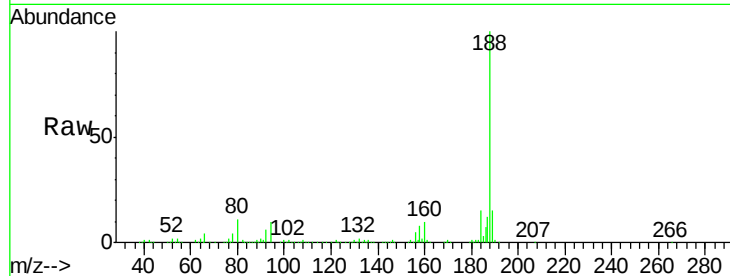
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	6.9	10.3	
80	11.5	7.7	11.5	

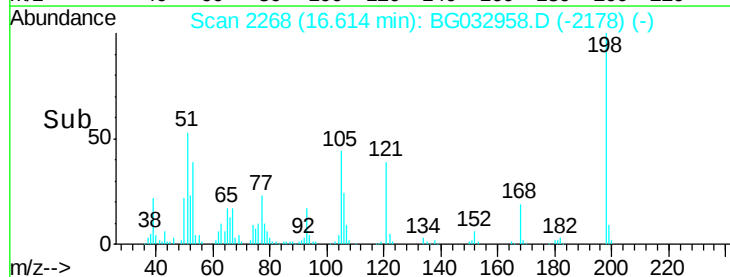
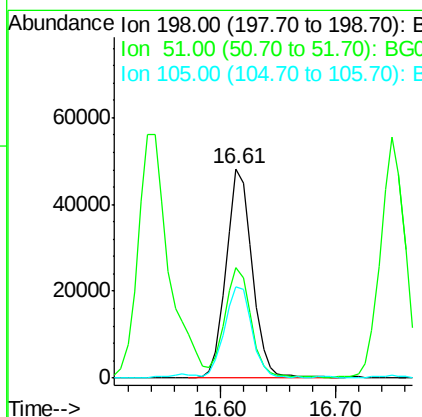
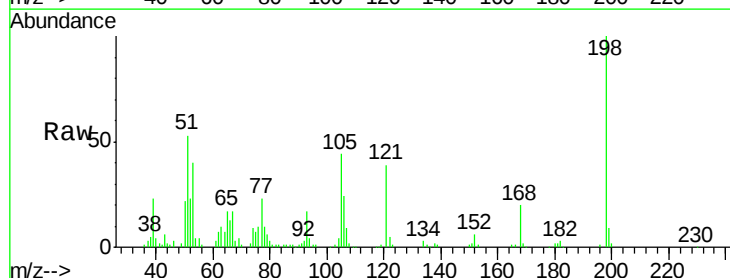
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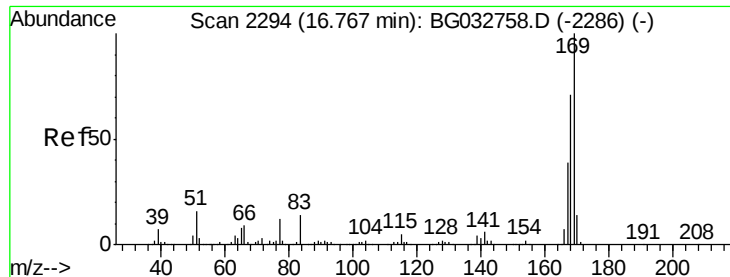
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#64
4,6-Dinitro-2-methylphenol
Concen: 63.228 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	52.6	30.6	70.6	
105	43.5	23.8	63.8	





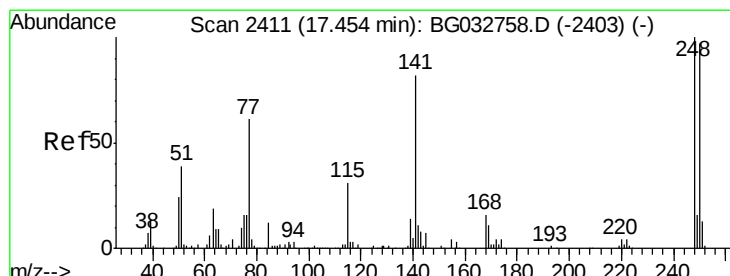
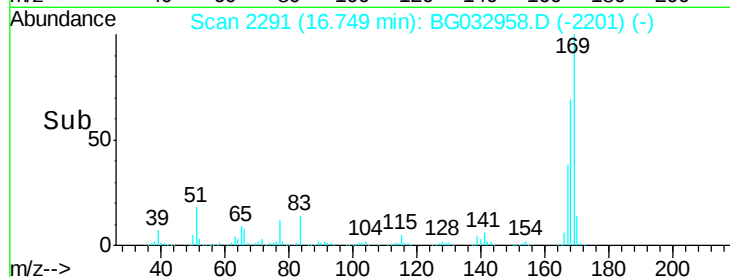
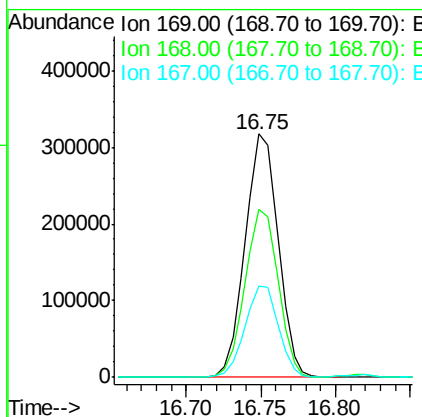
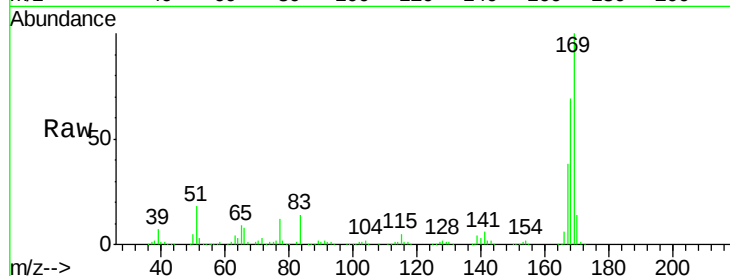
#65
n-Nitrosodiphenylamine
Concen: 41.097 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.2	55.7	83.5
167	37.8	30.1	45.1

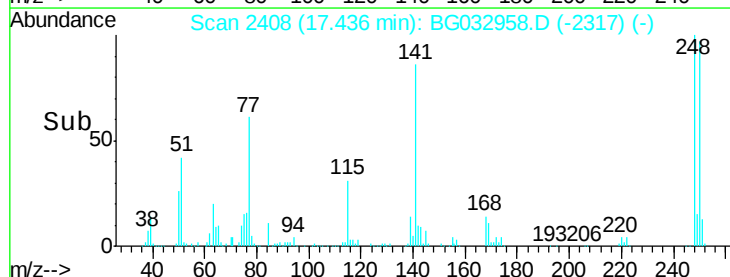
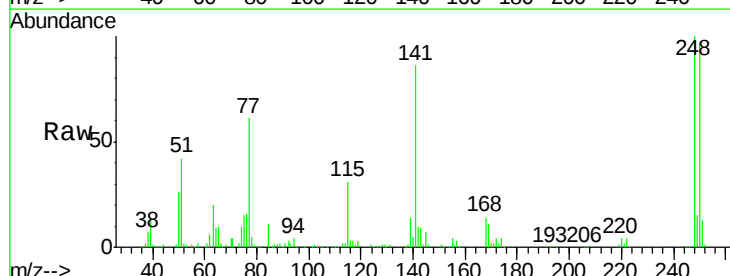
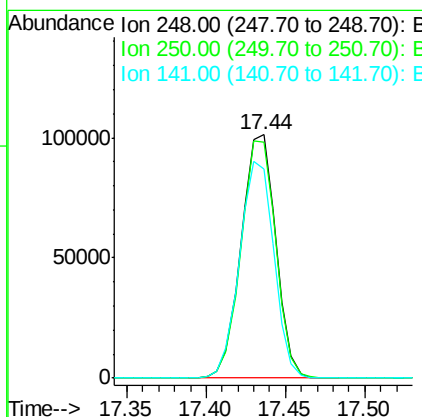
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#66
4-Bromophenyl-phenylether
Concen: 39.941 ng
RT: 17.44 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	85.7	50.8	76.2





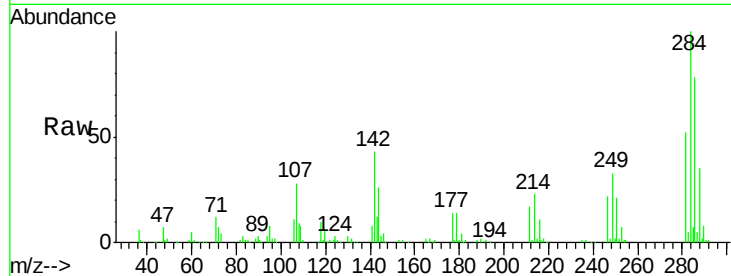
#67
Hexachlorobenzene
Concen: 38.897 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

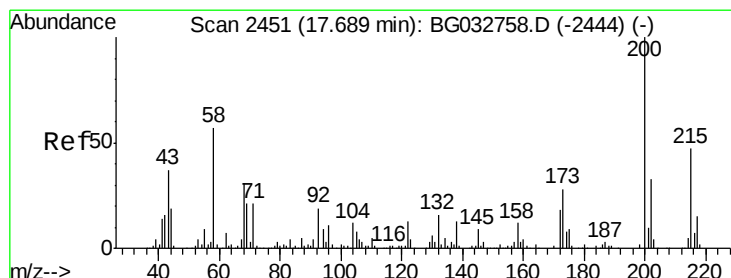
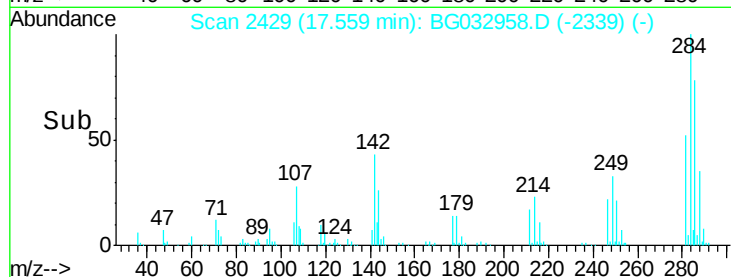
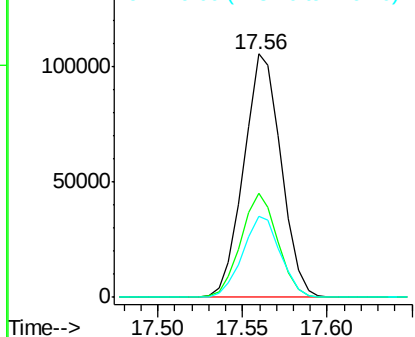
Tot Ion	Ratio	Resp	Lower	Upper
284	100	161752		
142	42.8	26.8	40.2	#
249	33.5	26.3	39.5	

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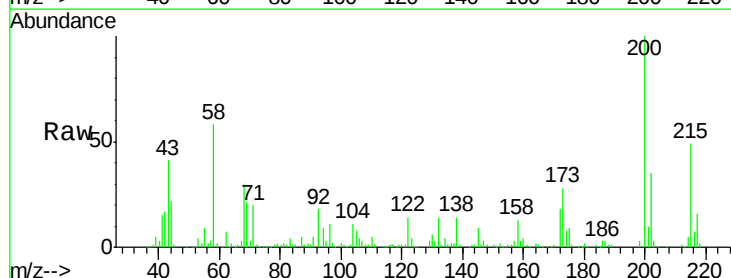


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

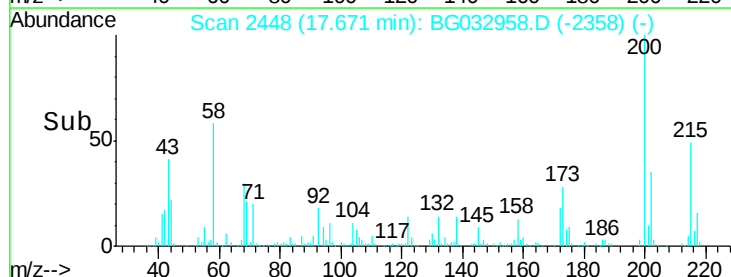
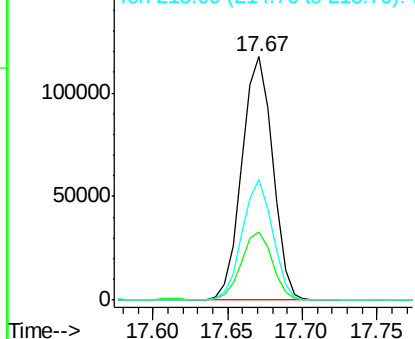


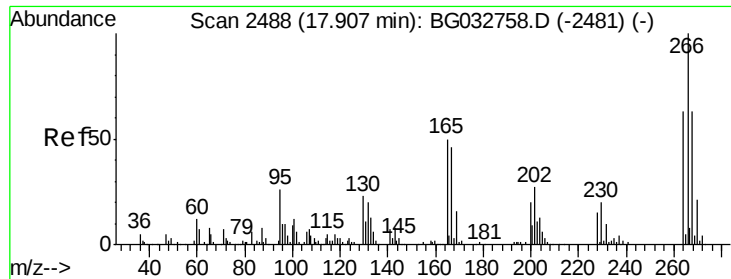
#68
Atrazine
Concen: 43.352 ng
RT: 17.67 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	168940		
173	28.2	5.2	45.2	
215	49.4	30.4	70.4	



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





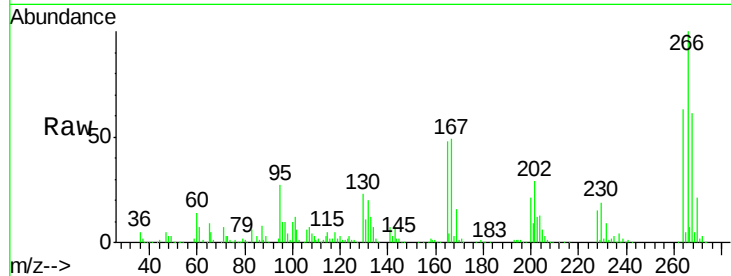
#69
 Pentachlorophenol
 Concen: 83.061 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

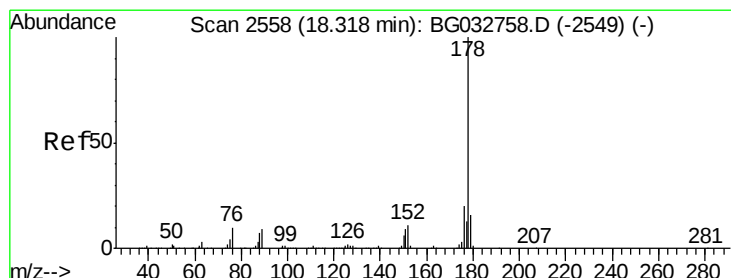
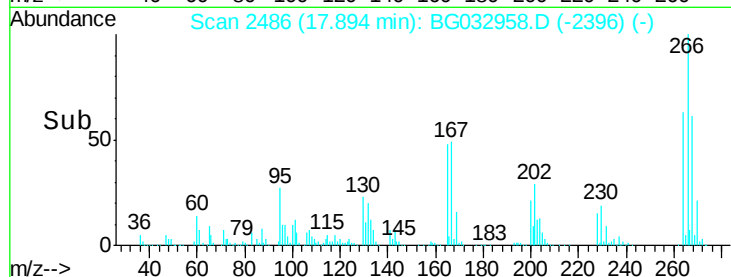
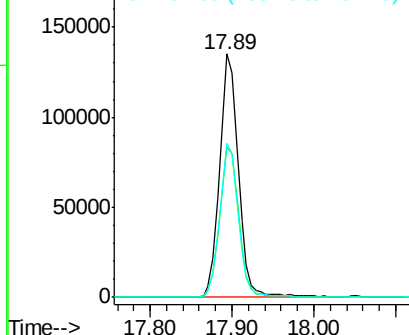
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.1	76.7
264	63.1	49.6	74.4

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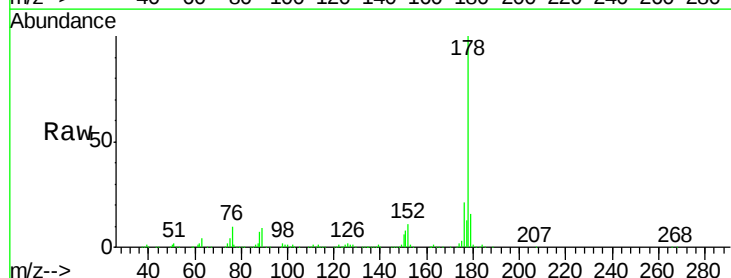


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

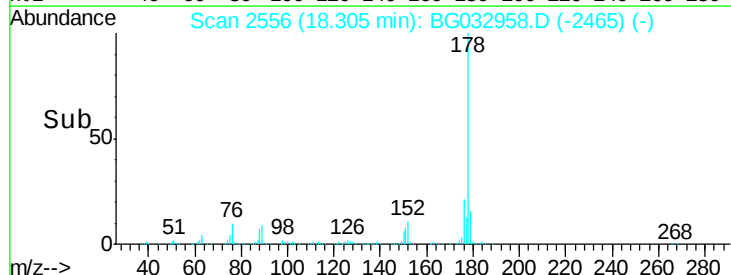
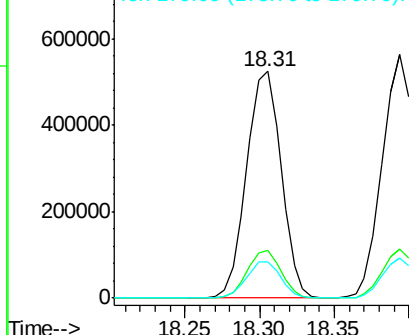


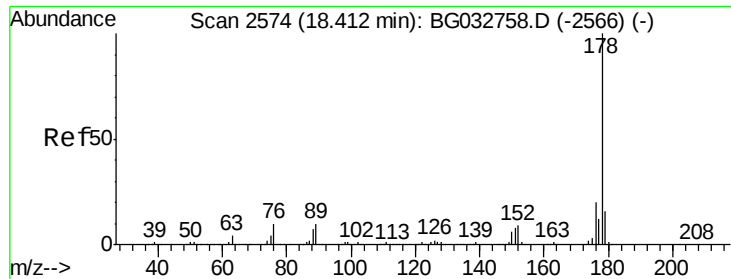
#70
 Phenanthrene
 Concen: 41.573 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	15.9	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





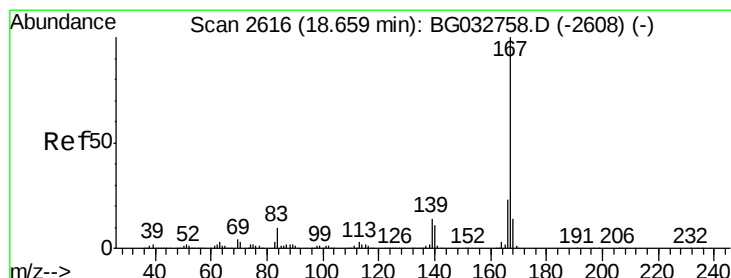
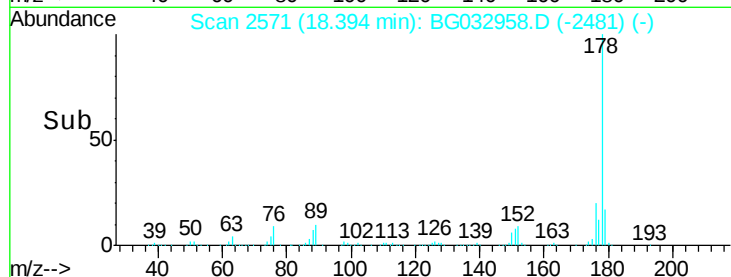
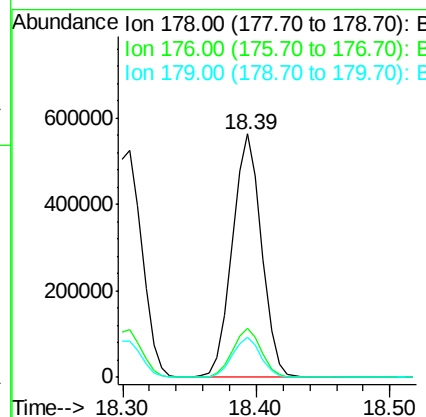
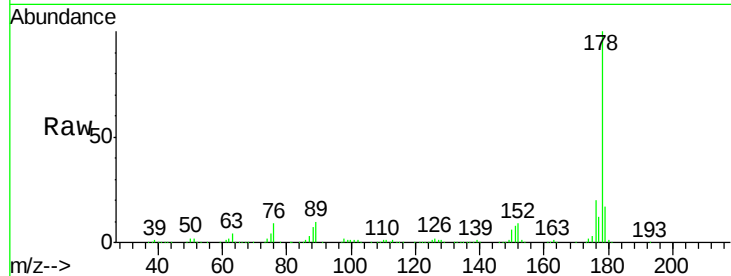
#71
 Anthracene
 Concen: 42.176 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	16.7	12.5	18.7

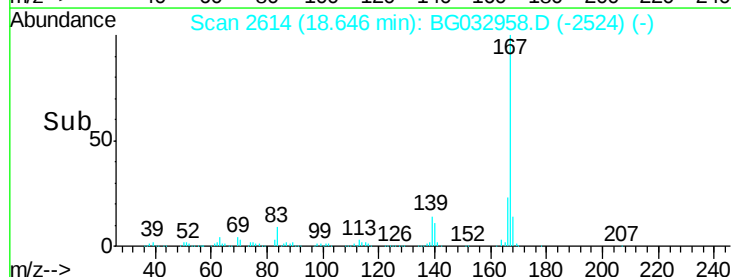
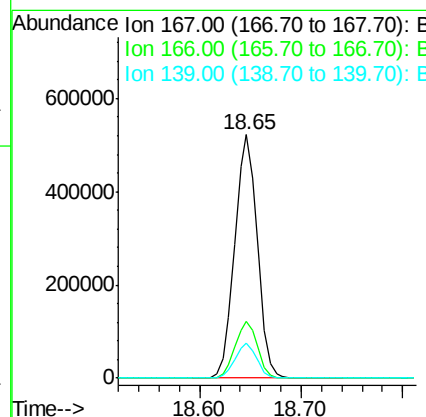
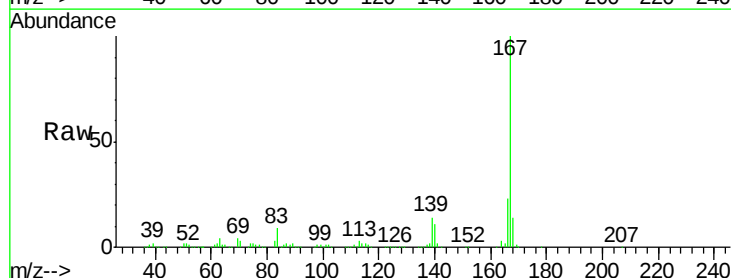
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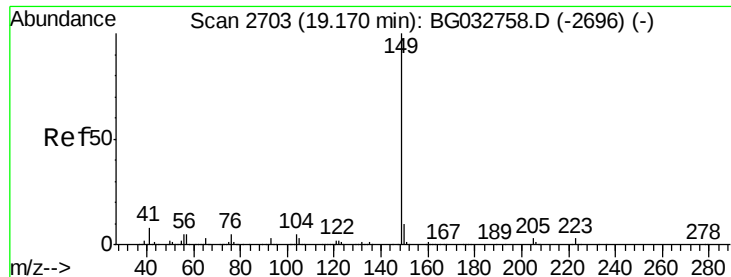
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#72
 Carbazole
 Concen: 40.128 ng
 RT: 18.65 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	14.2	9.4	14.2#





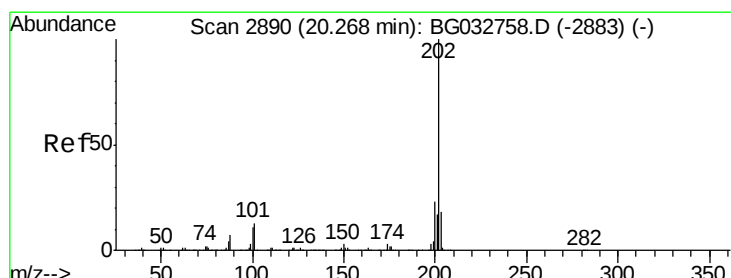
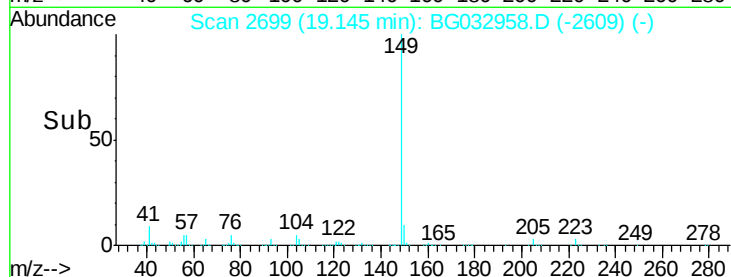
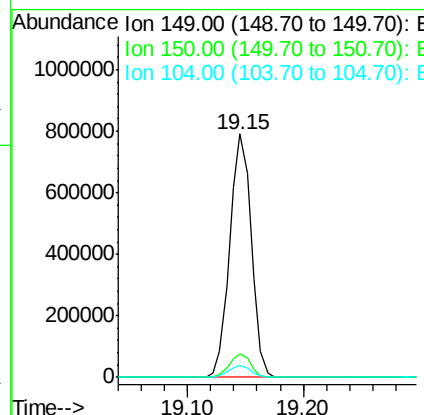
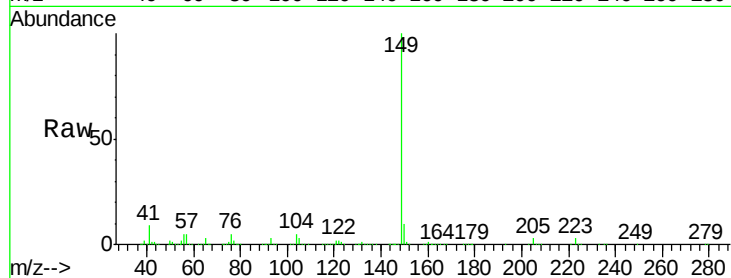
#73
Di-n-butylphthalate
Concen: 41.516 ng
RT: 19.15 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.2	3.9	5.9

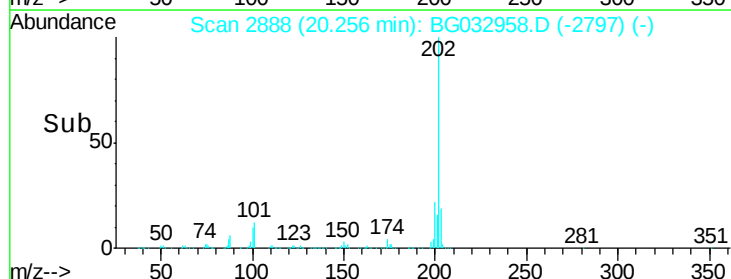
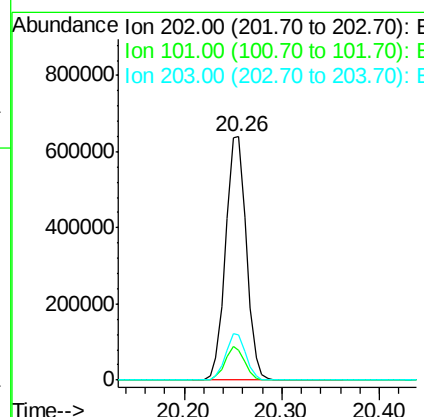
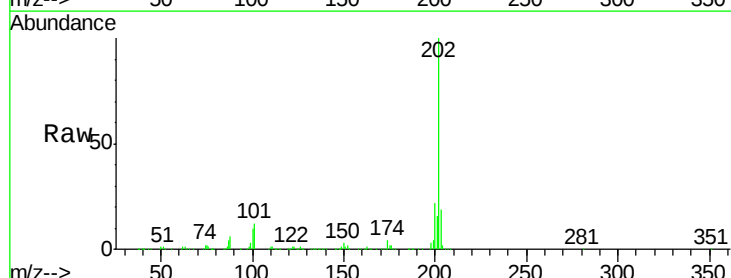
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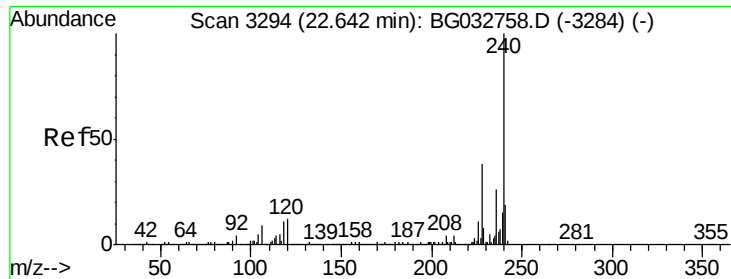
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#74
Fluoranthene
Concen: 41.840 ng
RT: 20.26 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	28.9
203	18.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

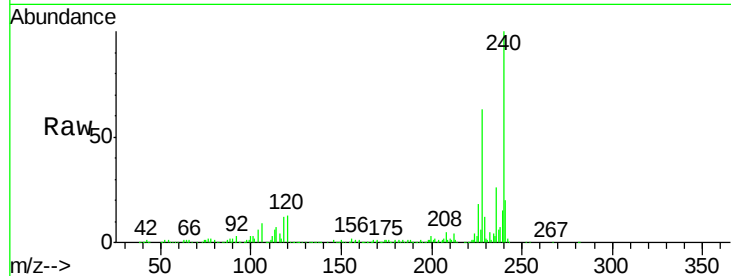
ClientSampleId :

PB107014BSD

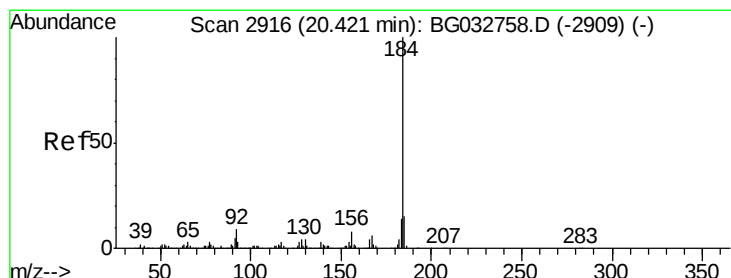
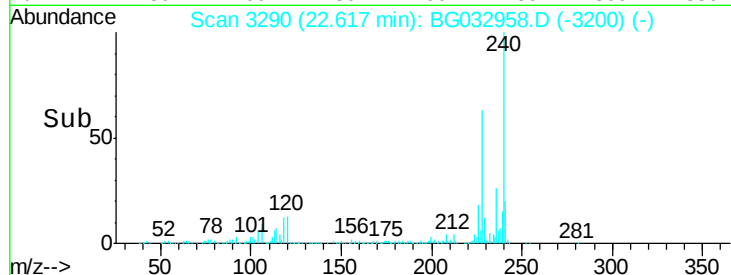
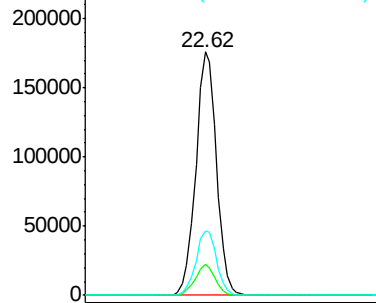
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.8	10.2#
236	26.4	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E



#76

Benzidine

Concen: 29.439 ng

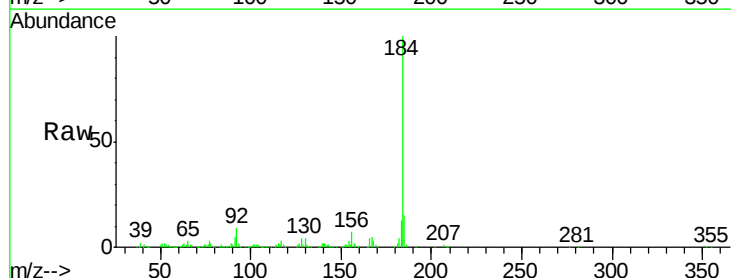
RT: 20.41 min Scan# 2914

Delta R.T. -0.00 min

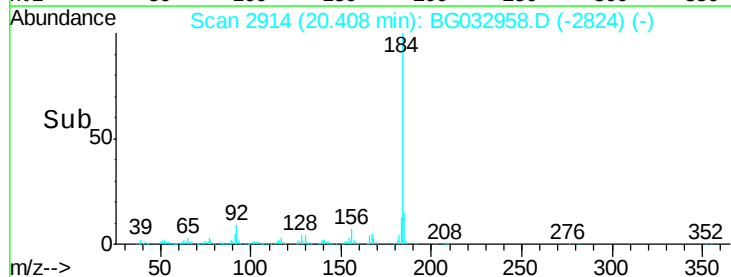
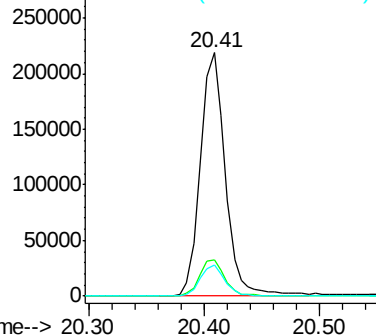
Lab File: BG032958.D

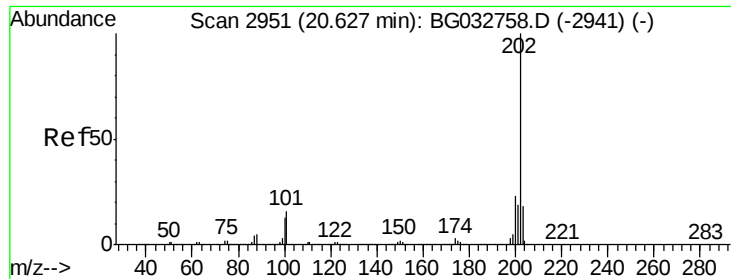
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.1	16.7
183	12.8	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E





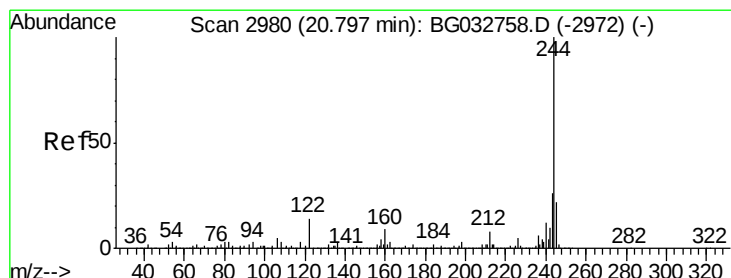
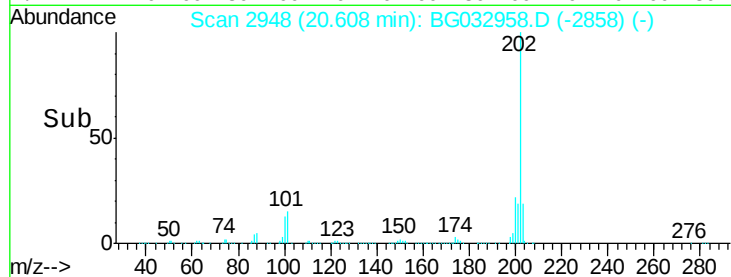
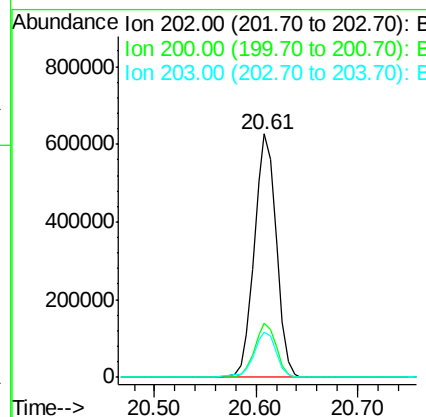
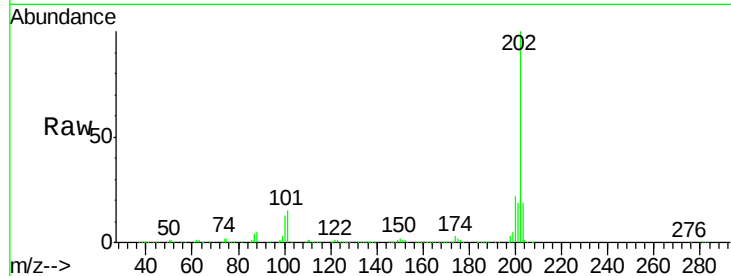
#77
Pvrene
Concen: 40.764 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.5	13.9	20.9

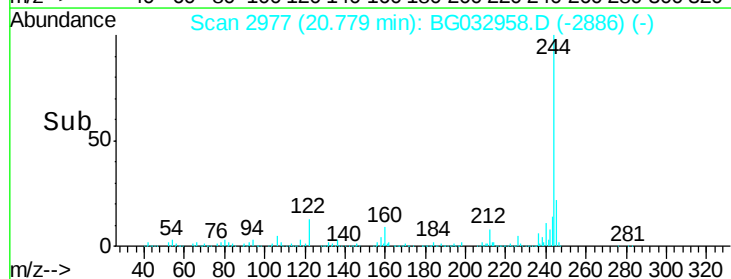
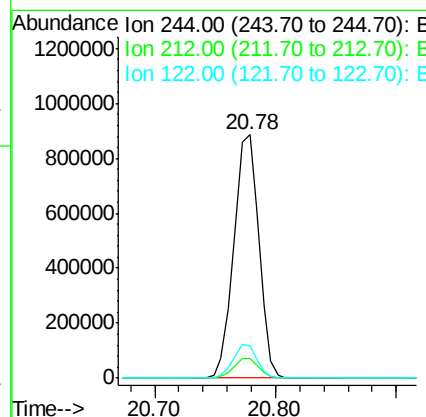
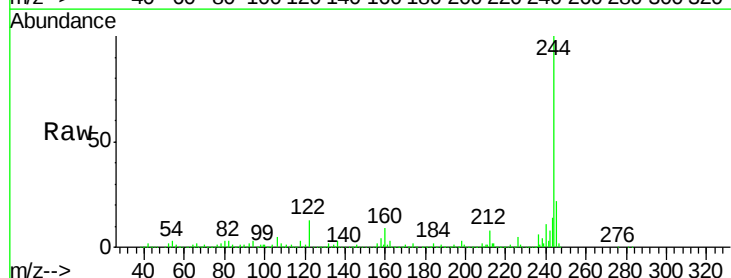
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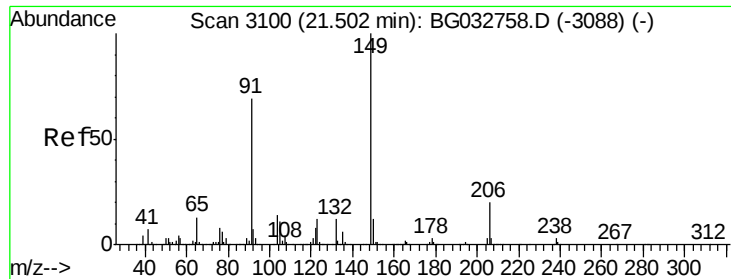
Sohil
3/5/2018 3:18:12 PM



#78
Terphenyl-d14
Concen: 87.769 ng
RT: 20.78 min Scan# 2977
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	13.4	7.0	10.4





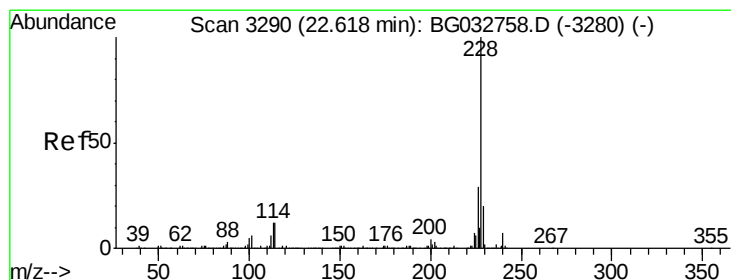
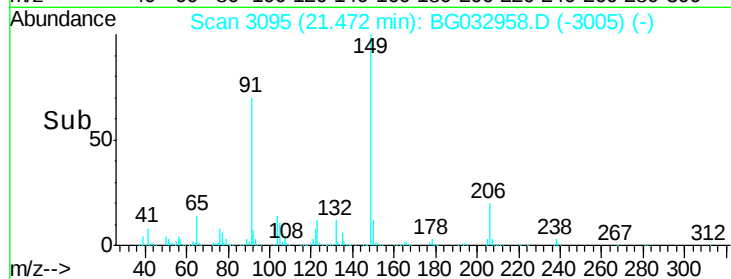
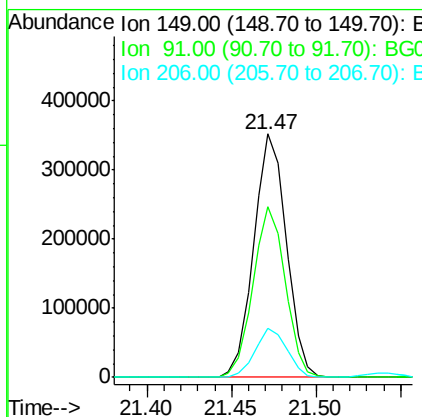
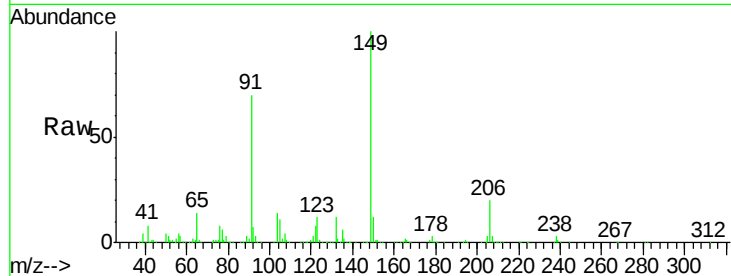
#79
Butylbenzylphthalate
Concen: 46.361 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	62.2	93.2
206	20.0	18.6	27.8

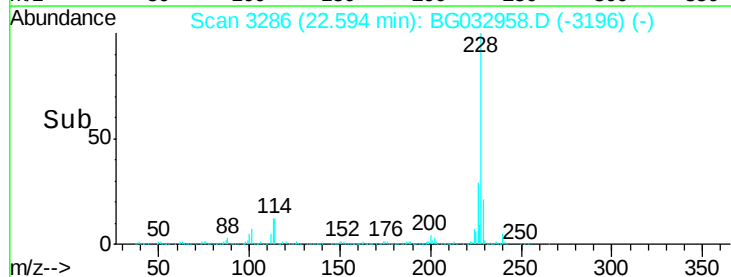
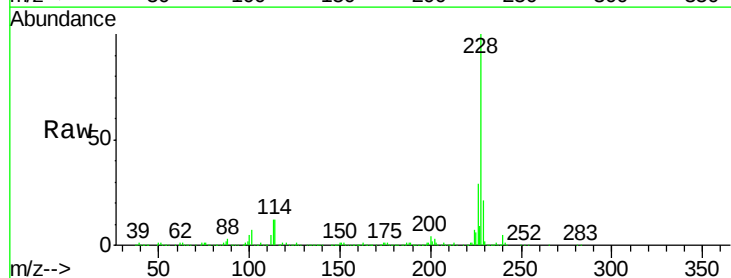
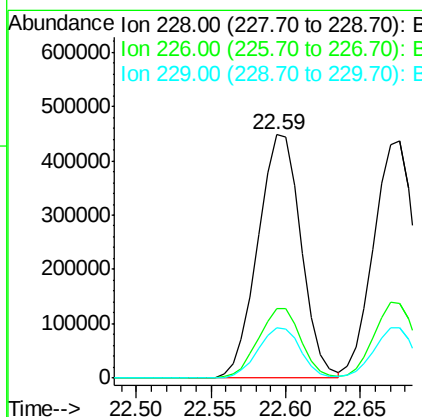
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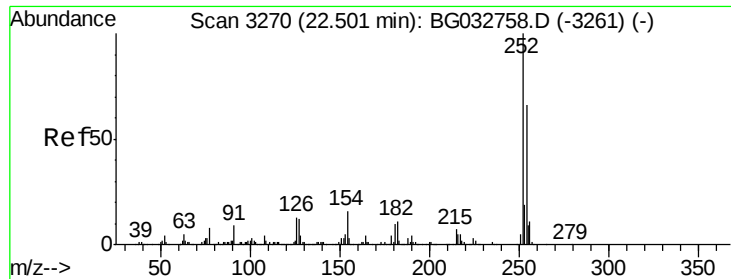
Sohil
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#80
Benzo(a)anthracene
Concen: 42.867 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	20.5	16.2	24.2





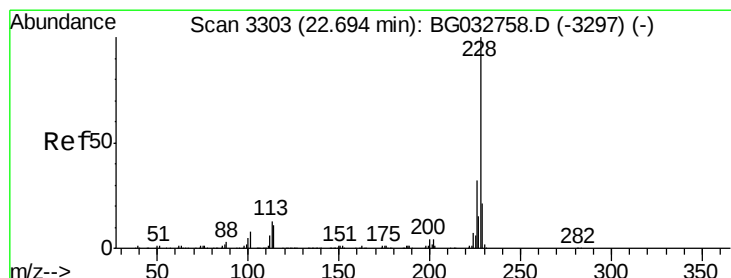
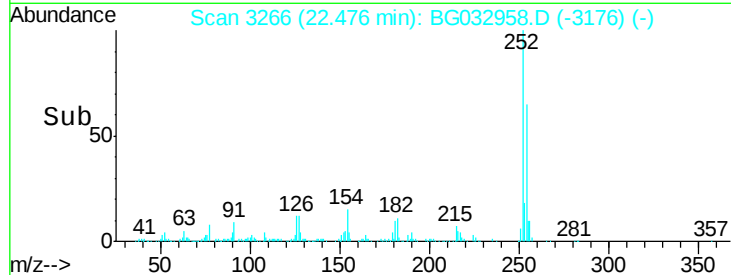
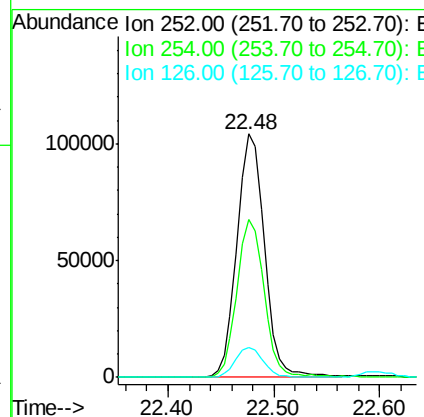
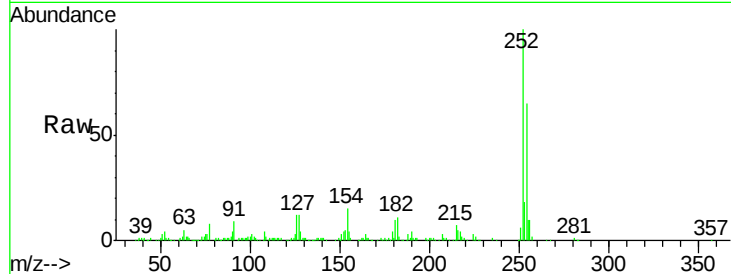
#81
 3,3'-Dichlorobenzidine
 Concen: 24.230 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188409		
254	64.8	50.8	76.2	
126	12.2	7.4	11.2	

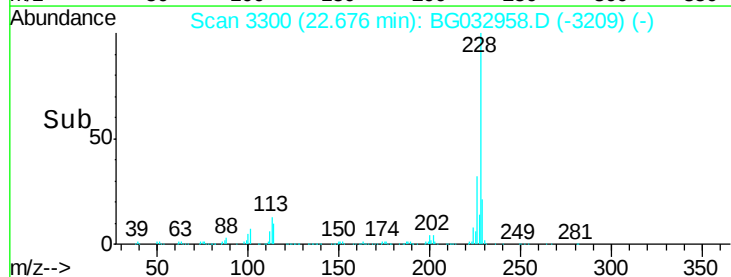
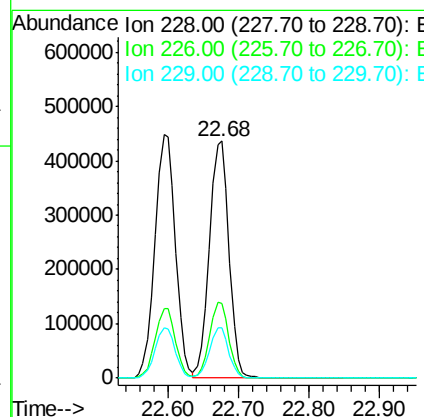
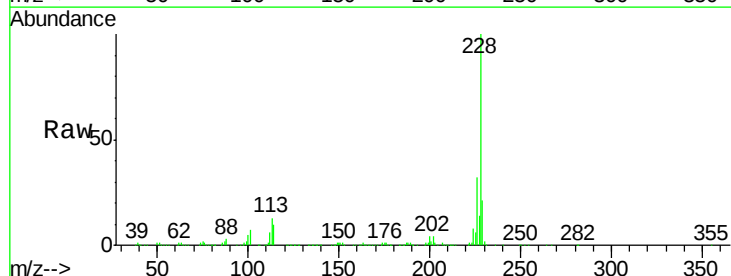
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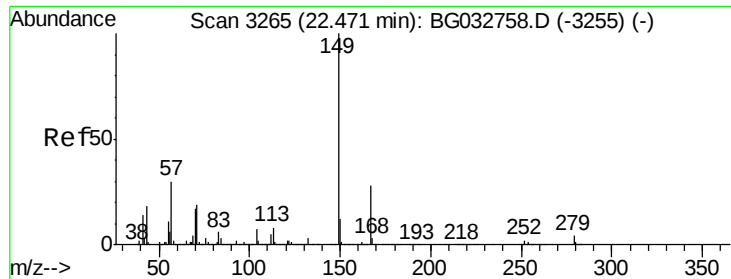
Sohil
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#82
 Chrysene
 Concen: 41.990 ng
 RT: 22.68 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	842128		
226	31.6	24.9	37.3	
229	21.4	15.0	22.4	





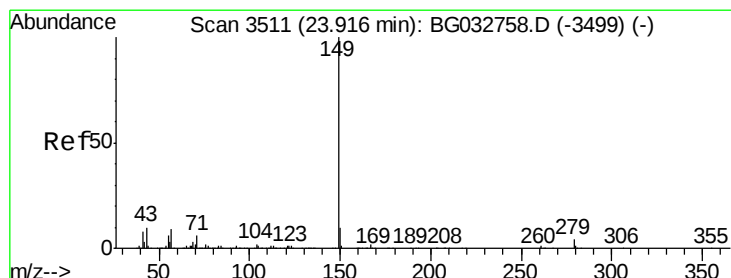
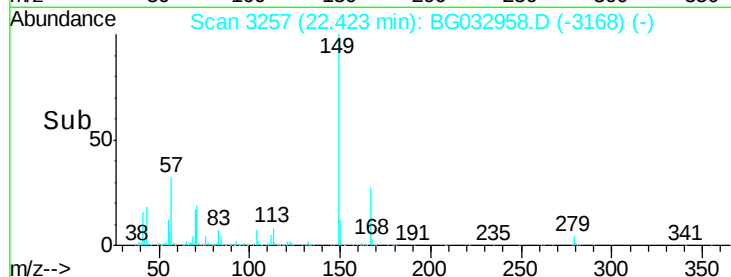
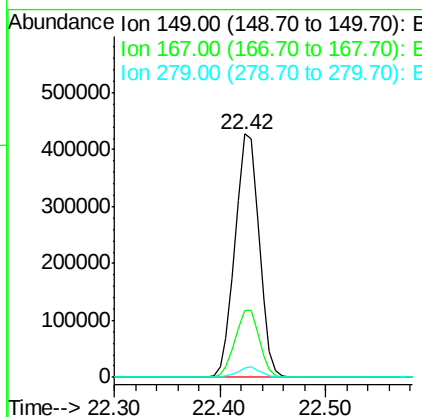
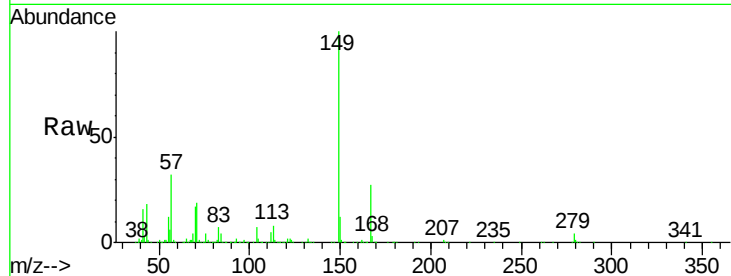
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.433 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.01 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 PB107014BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	24.3	36.5
279	3.9	4.0	6.0

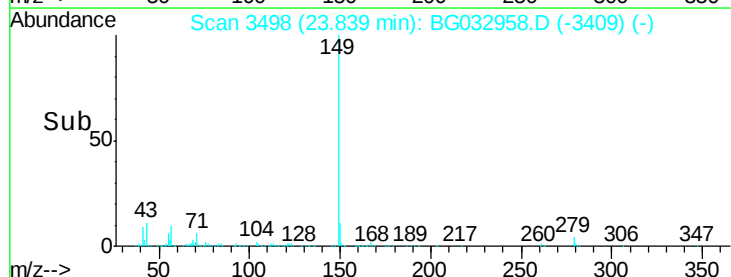
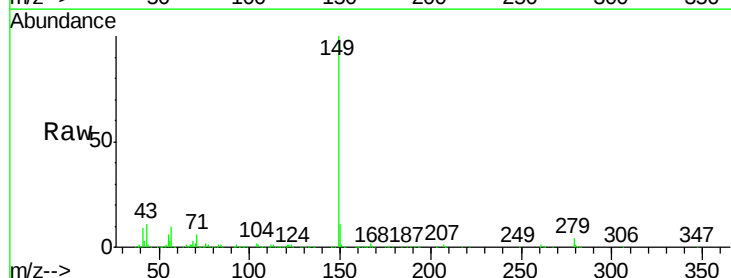
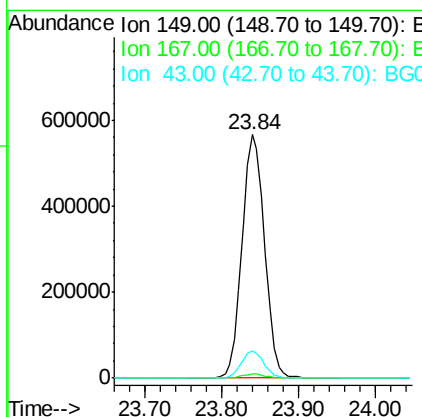
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 50.211 ng
 RT: 23.84 min Scan# 3498
 Delta R.T. -0.01 min
 Lab File: BG032958.D
 Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.9	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.305 ng

RT: 30.85 min Scan# 4691

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Instrument :

BNA_G

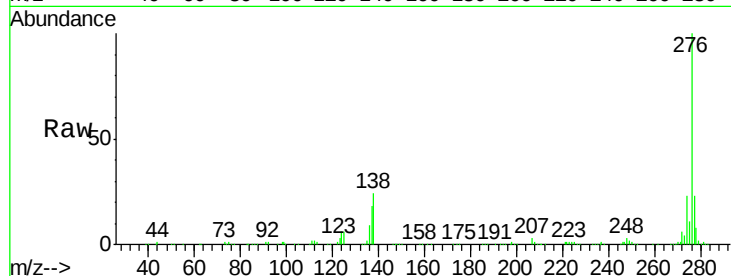
ClientSampleId :

PB107014BSD

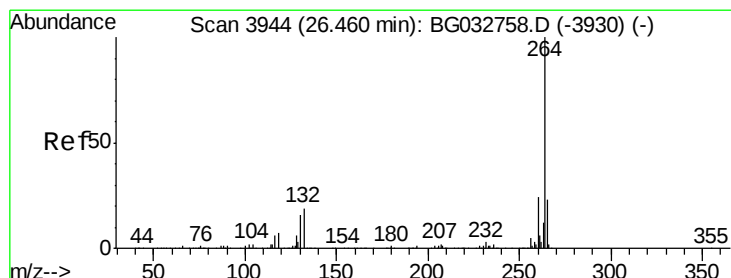
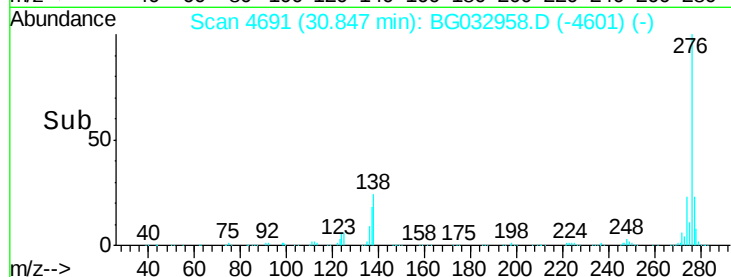
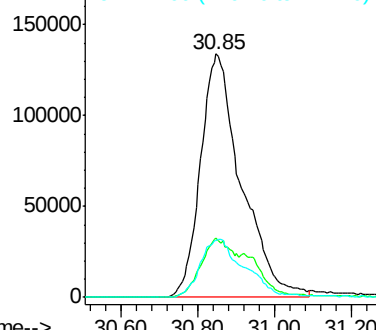
Tot Ion:	276	Resp:	989489
Ion Ratio	Lower	Upper	
276	100		
138	19.3	16.0	24.0
277	26.0	20.0	30.0

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



#86

Perylene-d12

Concen: 20.000 ng

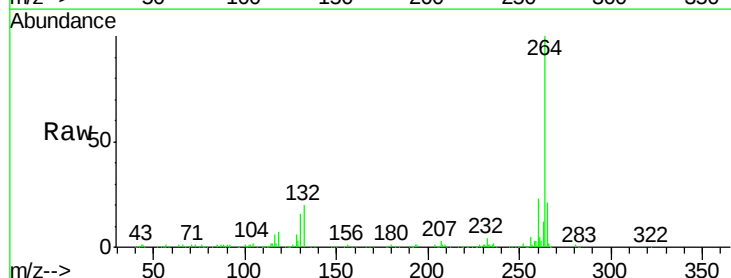
RT: 26.42 min Scan# 3937

Delta R.T. -0.01 min

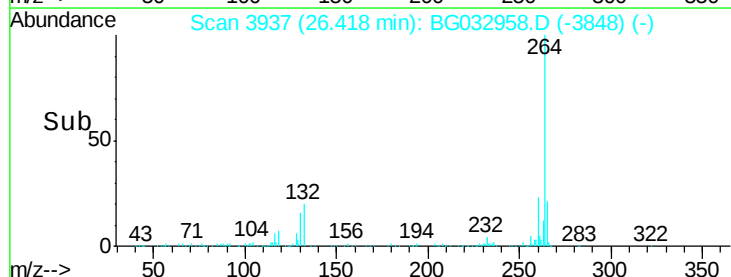
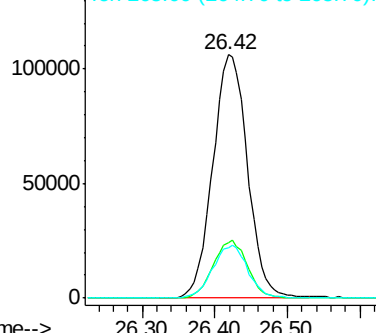
Lab File: BG032958.D

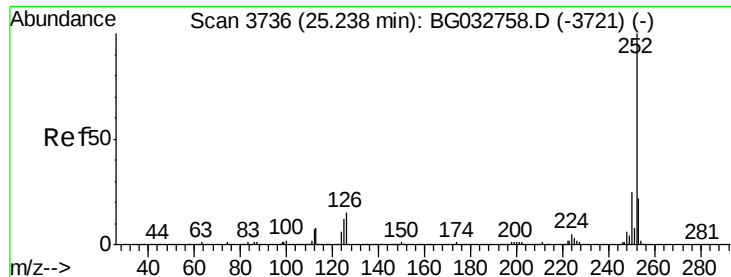
Acq: 2 Mar 2018 22:55

Tgt Ion:	264	Resp:	353505
Ion Ratio	Lower	Upper	
264	100		
260	22.8	17.4	26.0
265	20.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





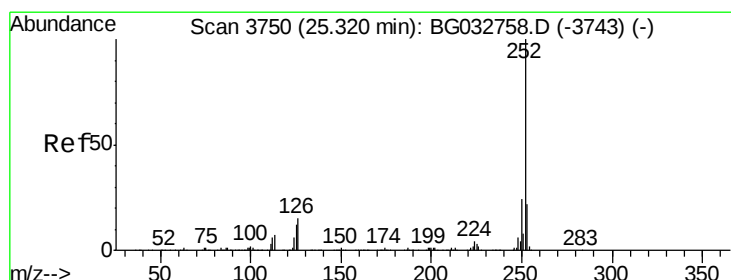
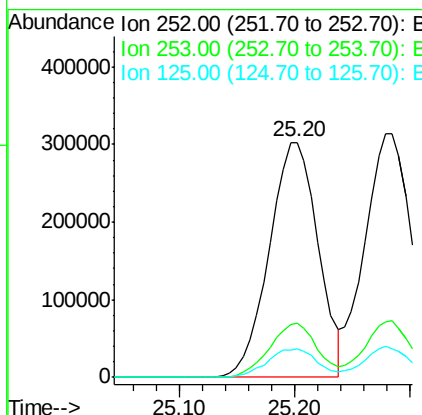
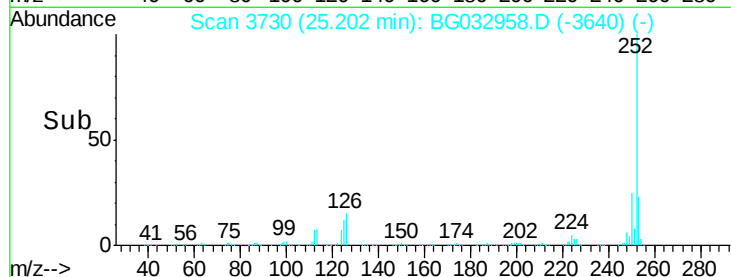
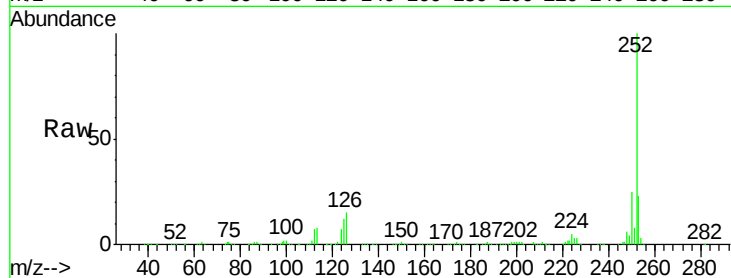
#87
Benzo(b)fluoranthene
Concen: 42.621 ng
RT: 25.20 min Scan# 3730
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	12.1	7.2	10.8

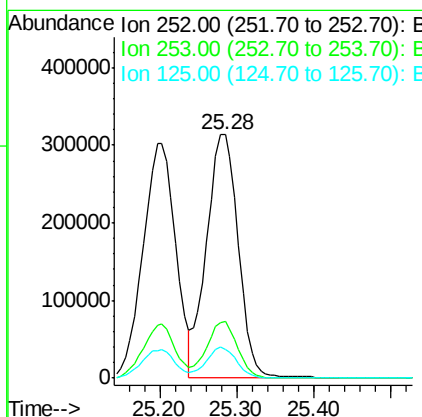
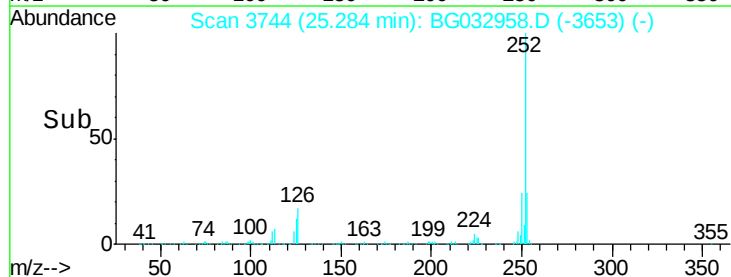
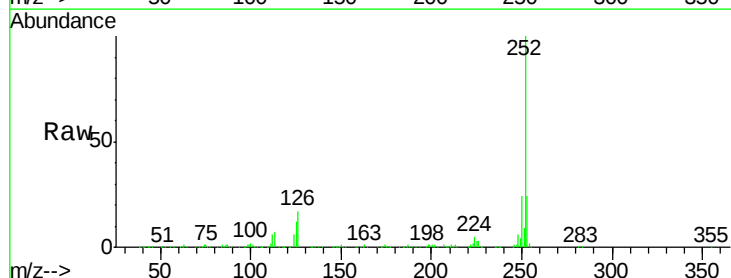
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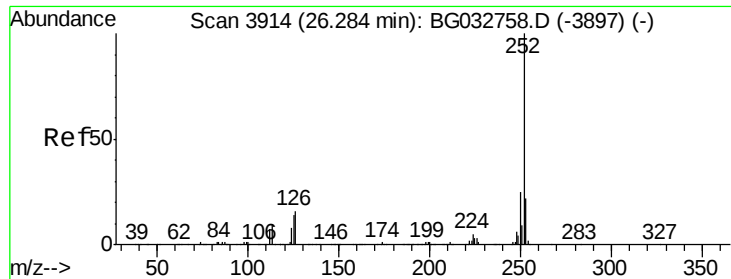
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.798 ng
RT: 25.28 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	12.0	6.6	9.8





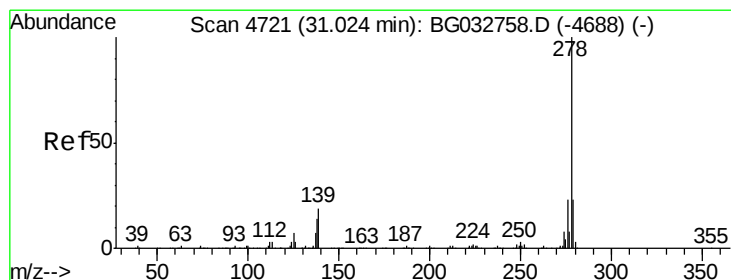
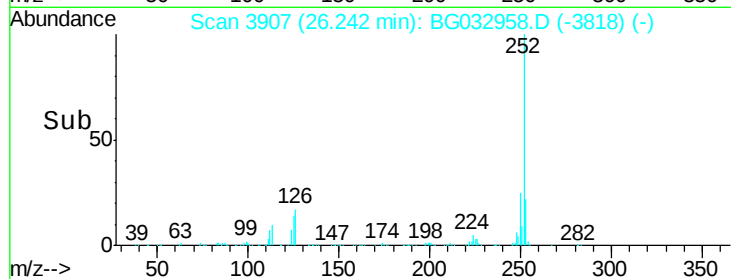
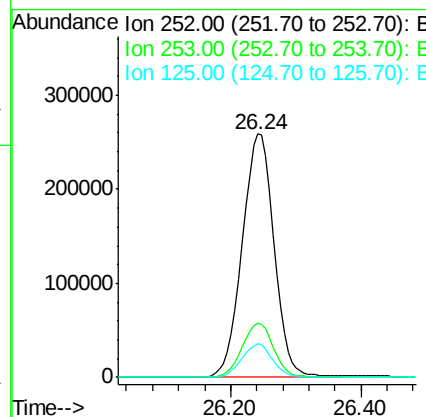
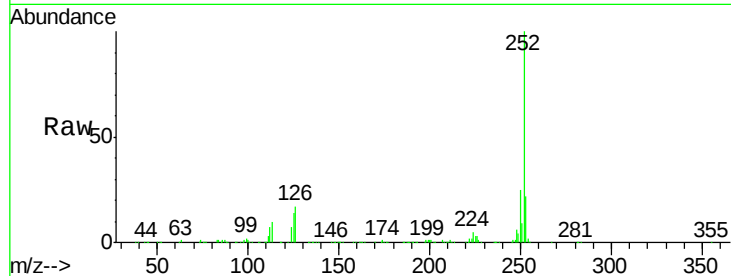
#89
Benzo(a)pyrene
Concen: 44.086 ng
RT: 26.24 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Instrument :
BNA_G
ClientSampleId :
PB107014BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	13.8	7.3	10.9

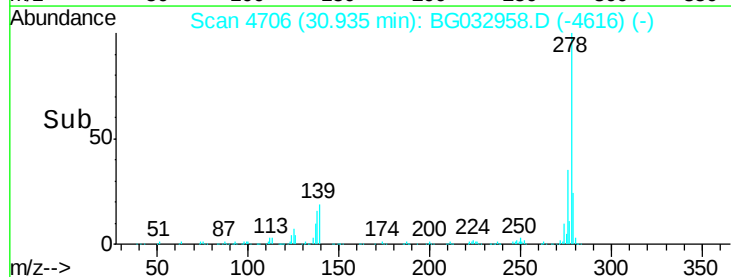
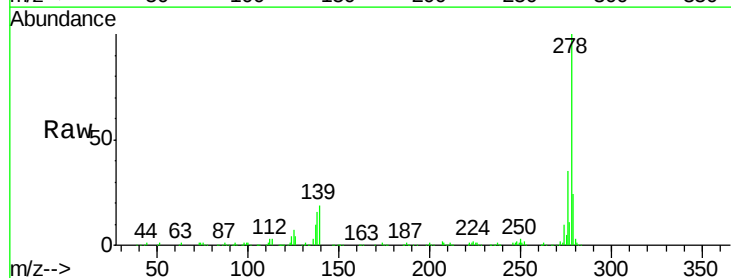
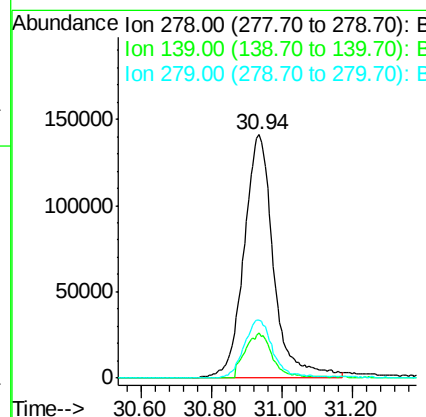
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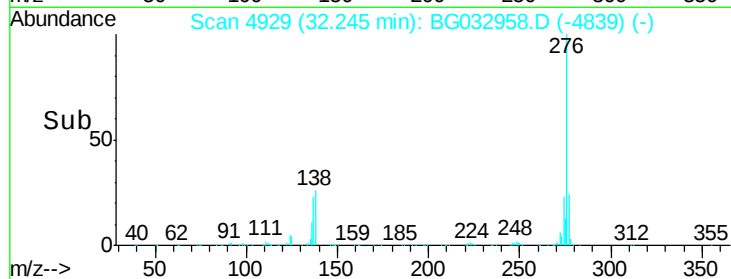
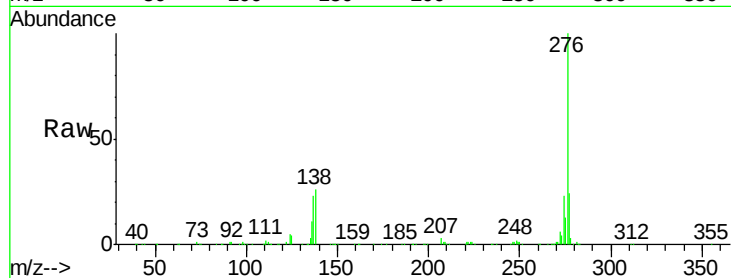
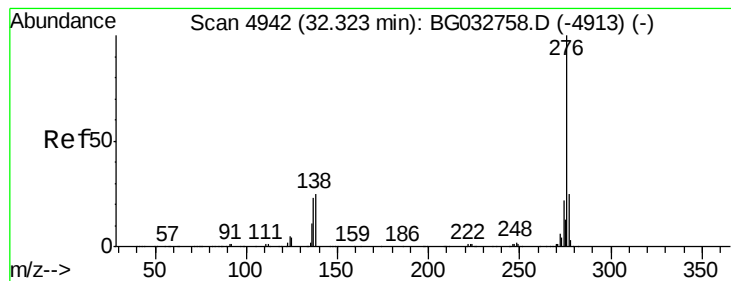
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 41.349 ng
RT: 30.94 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BG032958.D
Acq: 2 Mar 2018 22:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	9.8	14.6
279	23.8	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 42.142 ng

RT: 32.25 min Scan# 4929

Delta R.T. -0.00 min

Lab File: BG032958.D

Acq: 2 Mar 2018 22:55

Tot Ion:	276	Resp:	831305
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.3	27.5
138	26.2	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB107014BSD

Manual Integrations
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