

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032931.D
 Acq On : 1 Mar 2018 23:54
 Operator : SJ/JU
 Sample : PB106984BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:29:06 PM

Quant Time: Mar 02 10:41:03 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	54770	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	242558	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	144391	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	322853	20.00	ng	0.00
75) Chrysene-d12	22.62	240	300552	20.00	ng	0.00
86) Perylene-d12	26.43	264	315432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	461922	134.93	ng	0.00
7) Phenol-d6	8.02	99	622048	130.36	ng	0.00
23) Nitrobenzene-d5	10.12	82	301829	86.19	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	205909	135.63	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	678746	67.80	ng	0.00
78) Terphenyl-d14	20.78	244	1031452	77.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	61794	41.591	ng	91
3) Pyridine	4.42	79	167912	41.003	ng	99
4) n-Nitrosodimethylamine	4.33	42	83106	50.618	ng	# 91
6) Aniline	8.21	93	161961	25.075	ng	97
8) 2-Chlorophenol	8.46	128	175069	46.721	ng	94
9) Benzaldehyde	8.02	77	67750	24.635	ng	92
10) Phenol	8.05	94	222353	46.225	ng	91
11) bis(2-Chloroethyl)ether	8.30	93	153768	39.093	ng	95
12) 1,3-Dichlorobenzene	8.80	146	173252	39.475	ng	98
13) 1,4-Dichlorobenzene	8.96	146	175867	39.809	ng	97
14) 1,2-Dichlorobenzene	9.29	146	166817	39.405	ng	98
15) Benzyl Alcohol	9.15	79	147144	41.945	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	273713	40.480	ng	99
17) 2-Methylphenol	9.35	107	147965	41.715	ng	96
18) Hexachloroethane	10.05	117	63214	42.026	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	128544	38.158	ng	# 95
20) 3+4-Methylphenols	9.68	107	209583	42.495	ng	96
22) Acetophenone	9.76	105	241312	39.393	ng	# 96
24) Nitrobenzene	10.16	77	179329	46.578	ng	# 92
25) Isophorone	10.68	82	356784	41.907	ng	95
26) 2-Nitrophenol	10.89	139	89567	60.106	ng	93
27) 2,4-Dimethylphenol	10.92	122	199983	54.072	ng	89
28) bis(2-Chloroethoxy)methane	11.17	93	217435	43.840	ng	97
29) 2,4-Dichlorophenol	11.43	162	164098	48.887	ng	96
30) 1,2,4-Trichlorobenzene	11.66	180	156232	39.706	ng	95
31) Naphthalene	11.86	128	516184	40.726	ng	99
32) Benzoic acid	11.04	122	28688m	19.364	ng	
33) 4-Chloroaniline	11.94	127	153920	27.160	ng	95
34) Hexachlorobutadiene	12.12	225	82252	37.268	ng	95
35) Caprolactam	12.68	113	65591	48.801	ng	90
36) 4-Chloro-3-methylphenol	13.00	107	193431	49.519	ng	90
37) 2-Methylnaphthalene	13.40	142	384138	41.892	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	161517	37.682	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	191754	87.781	ng	92

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Quant Time: Mar 02 10:41:03 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	126977	46.975	nq	98
43) 2,4,5-Trichlorophenol	14.05	196	139158	44.481	nq	# 96
45) 1,1'-Biphenyl	14.37	154	483438	38.315	nq	95
46) 2-Chloronaphthalene	14.43	162	370065	39.263	nq	98
47) 2-Nitroaniline	14.61	65	127955	52.636	nq	# 86
48) Acenaphthylene	15.27	152	614806	39.842	nq	99
49) Dimethylphthalate	14.96	163	494116	40.303	nq	99
50) 2,6-Dinitrotoluene	15.08	165	109154	52.717	nq	87
51) Acenaphthene	15.60	154	372940	38.806	nq	98
52) 3-Nitroaniline	15.42	138	94511	39.274	nq	# 86
53) 2,4-Dinitrophenol	15.62	184	8103	19.771	nq	# 1
54) Dibenzofuran	15.92	168	576512	42.130	nq	95
55) 4-Nitrophenol	15.69	139	153561	76.798	nq	# 77
56) 2,4-Dinitrotoluene	15.86	165	150247	59.387	nq	86
57) Fluorene	16.57	166	463975	41.081	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	118165m	48.648	nq	
59) Diethylphthalate	16.29	149	527310	40.778	nq	97
60) 4-Chlorophenyl-phenylether	16.55	204	229242	41.492	nq	93
61) 4-Nitroaniline	16.57	138	119369	45.309	nq	83
62) Azobenzene	16.84	77	482933	41.746	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	16880	24.062	nq	97
65) n-Nitrosodiphenylamine	16.75	169	428067	40.757	nq	98
66) 4-Bromophenyl-phenylether	17.43	248	137335	40.229	nq	# 86
67) Hexachlorobenzene	17.56	284	142184	38.541	nq	# 91
68) Atrazine	17.68	200	143288	41.447	nq	96
69) Pentachlorophenol	17.90	266	129141	55.575	nq	96
70) Phenanthrene	18.30	178	735271	40.821	nq	99
71) Anthracene	18.40	178	744990	41.198	nq	99
72) Carbazole	18.65	167	688551	38.631	nq	98
73) Di-n-butylphthalate	19.15	149	862671	39.452	nq	100
74) Fluoranthene	20.25	202	804151	40.417	nq	95
76) Benzidine	20.41	184	334939	32.693	nq	97
77) Pyrene	20.61	202	804399	37.952	nq	97
79) Butylbenzylphthalate	21.48	149	405973	43.202	nq	92
80) Benzo(a)anthracene	22.60	228	777049	40.318	nq	100
81) 3,3'-Dichlorobenzidine	22.48	252	201368	28.211	nq	# 94
82) Chrysene	22.67	228	735896	39.972	nq	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	586044	42.131	nq	# 95
84) Di-n-octyl phthalate	23.85	149	995392	46.947	nq	99
85) Indeno(1,2,3-cd)pyrene	30.86	276	852772	39.718	nq	96
87) Benzo(b)fluoranthene	25.21	252	777934	41.711	nq	# 97
88) Benzo(k)fluoranthene	25.29	252	767929	41.430	nq	# 96
89) Benzo(a)pyrene	26.25	252	753239	42.462	nq	# 95
90) Dibenzo(a,h)anthracene	30.95	278	696831	39.026	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	703238	39.953	nq	# 91

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

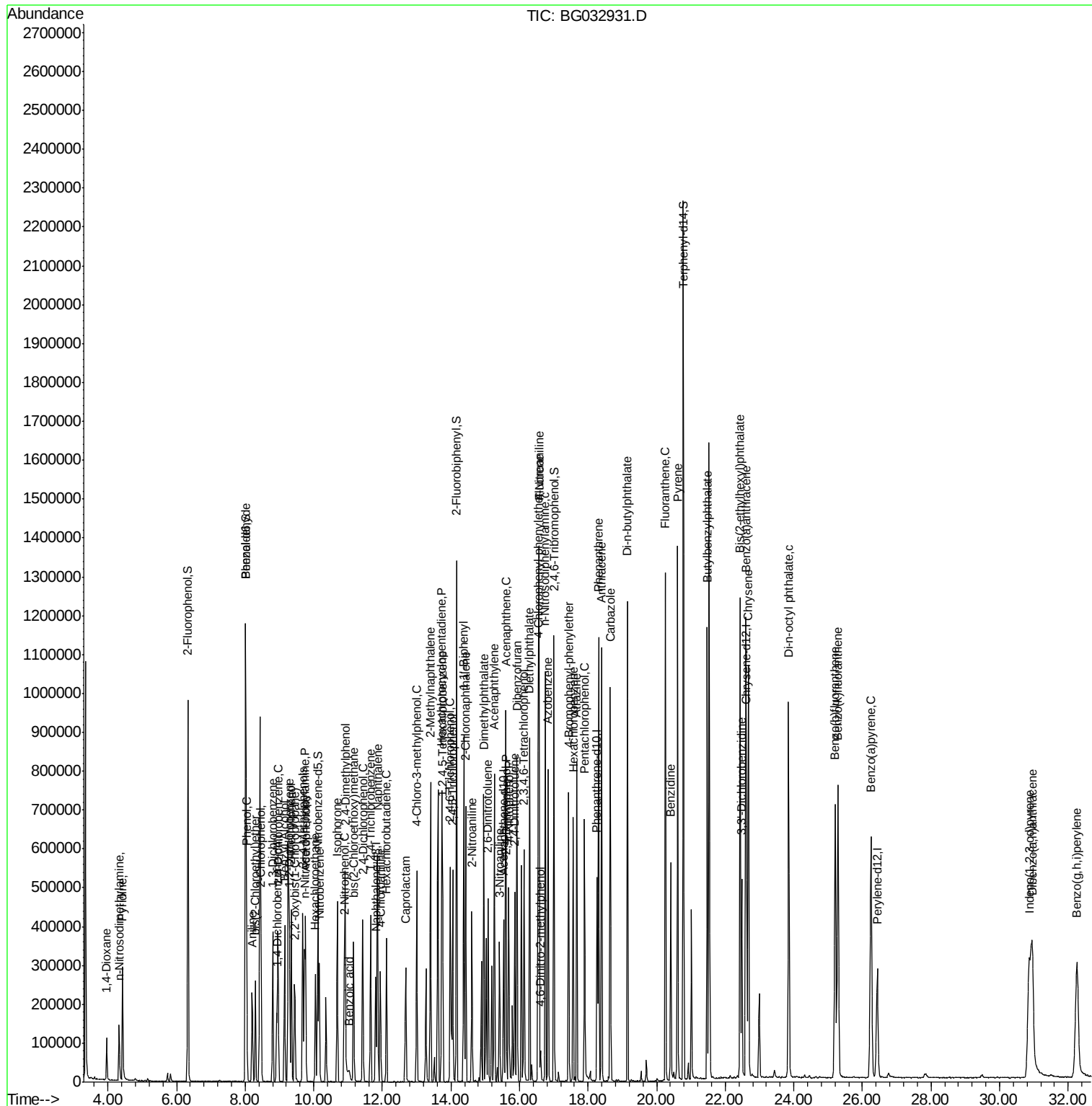
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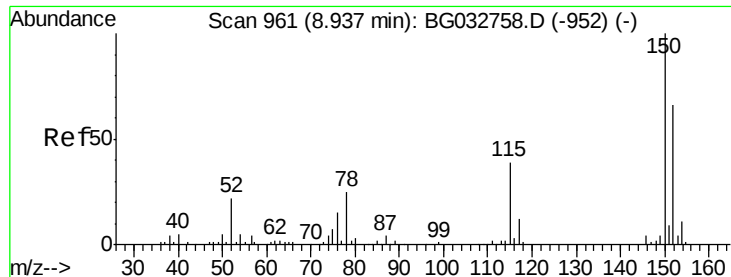
Instrument :
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#1

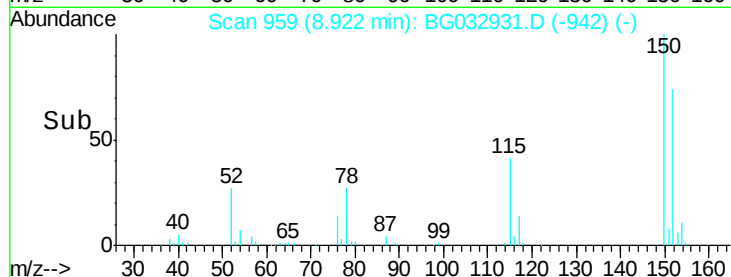
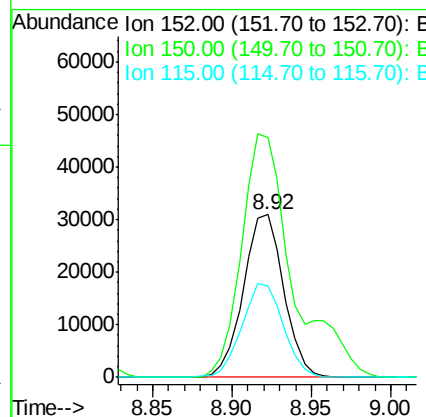
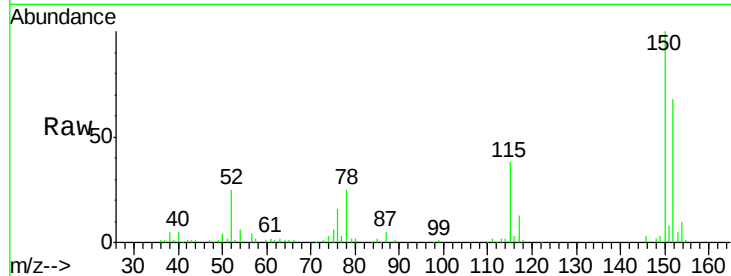
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.6	189.8
115	55.9	53.0	79.4

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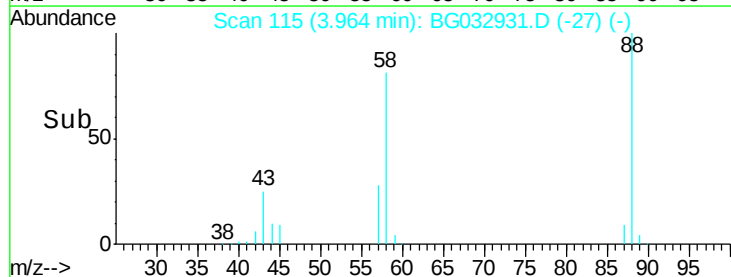
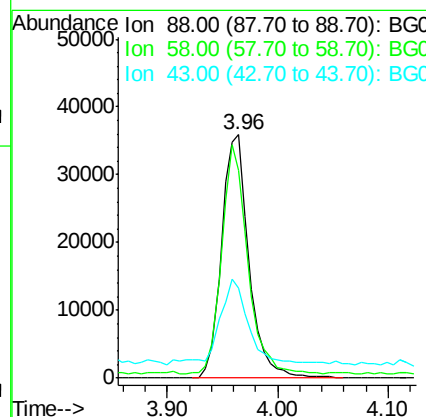
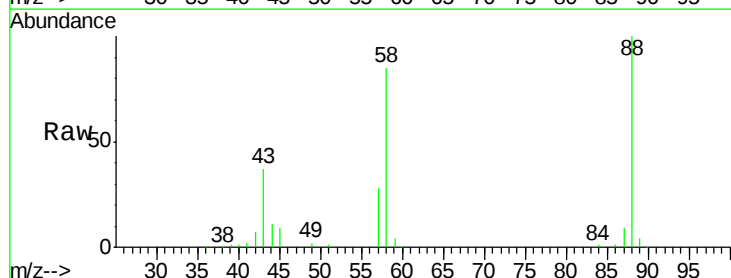
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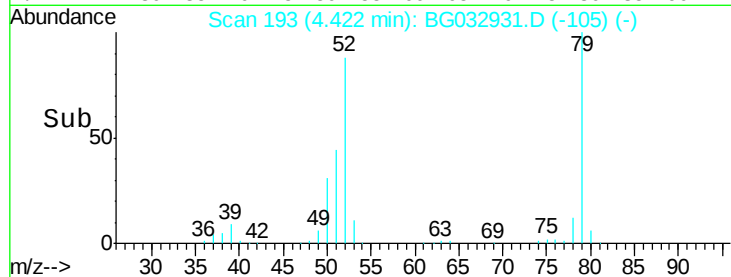
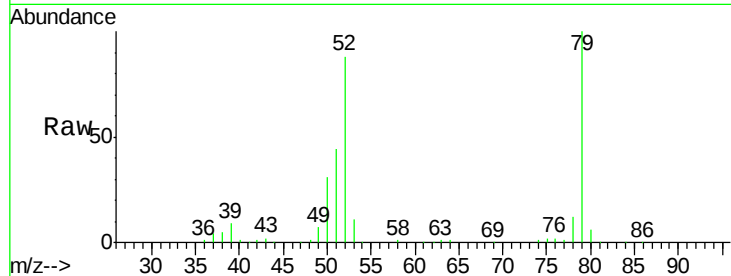
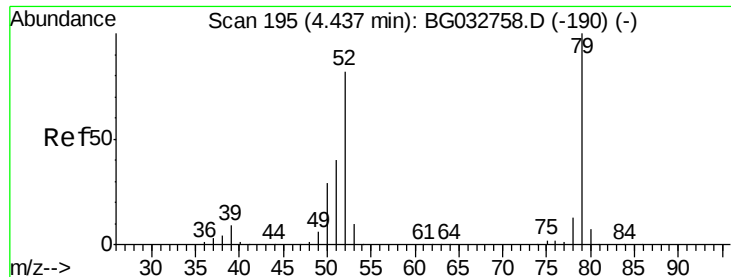


#2

1,4-Dioxane
Concen: 41.591 ng
RT: 3.96 min Scan# 115
Delta R.T. -0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	79.6	119.4
43	37.0	27.4	41.0





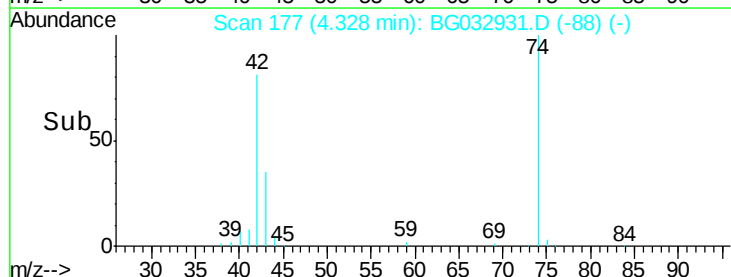
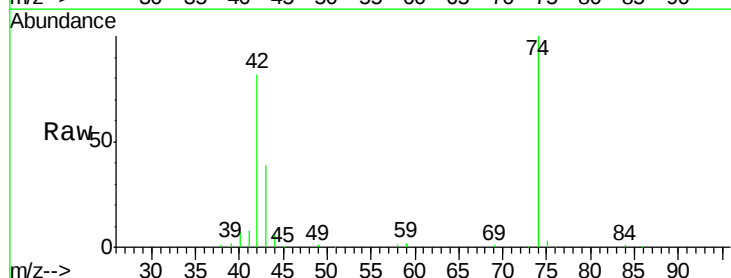
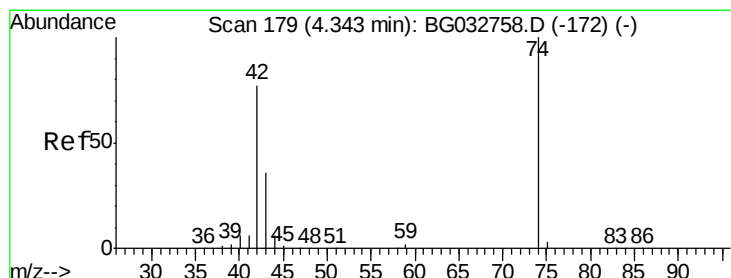
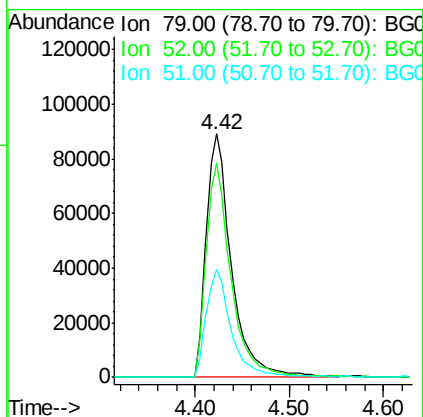
#3
 Pvridine
 Concen: 41.003 ng
 RT: 4.42 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.9	69.9	104.9		
51	44.5	34.0	51.0		

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

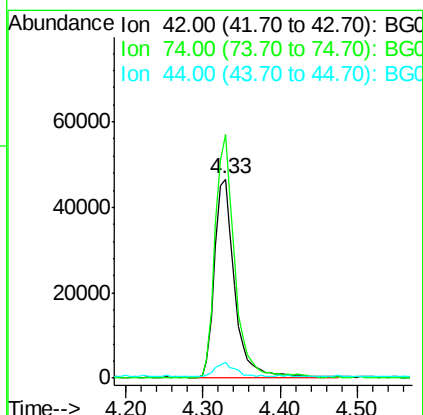
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 50.618 ng
 RT: 4.33 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	122.3	102.5	153.7		
44	7.6	18.9	28.3		





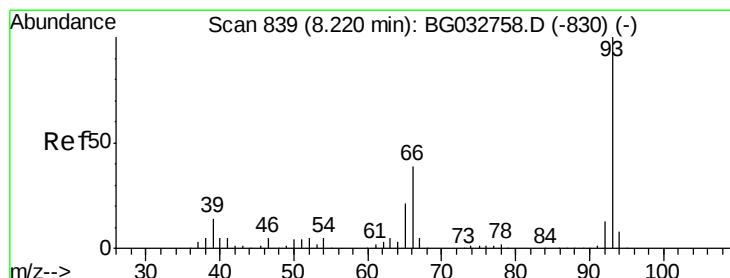
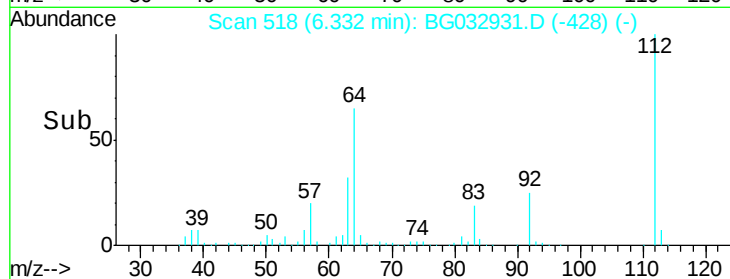
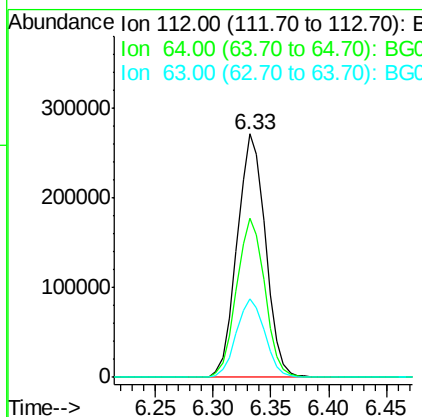
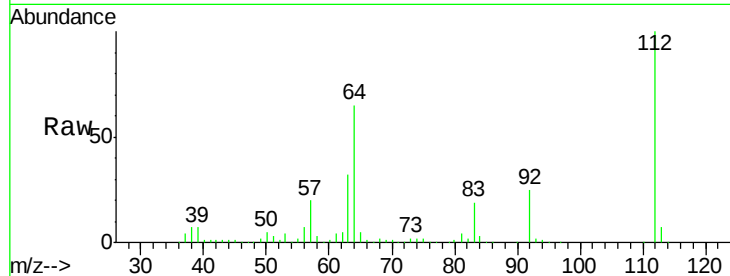
#5
2-Fluorophenol
Concen: 134.929 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

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

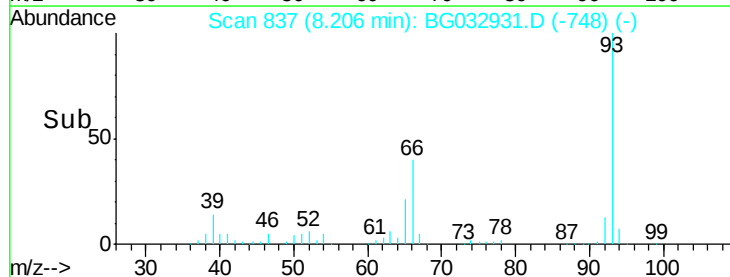
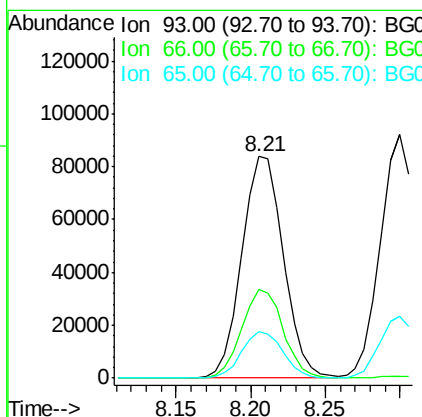
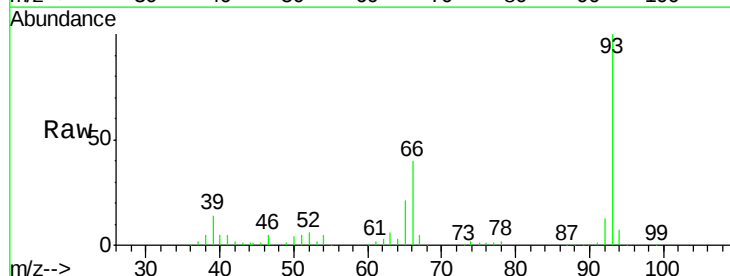
Manual Integrations
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#6
Aniline
Concen: 25.075 ng
RT: 8.21 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.9	33.7	50.5
65	20.7	16.1	24.1





#7

Phenol-d6

Concen: 130.359 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

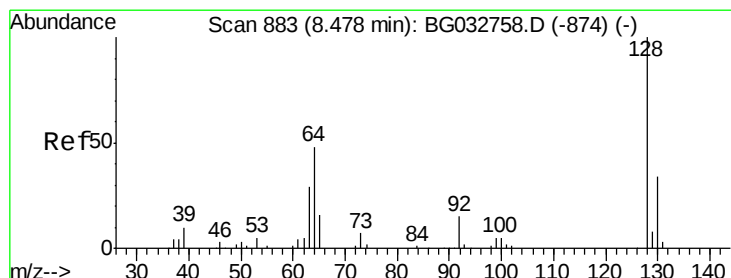
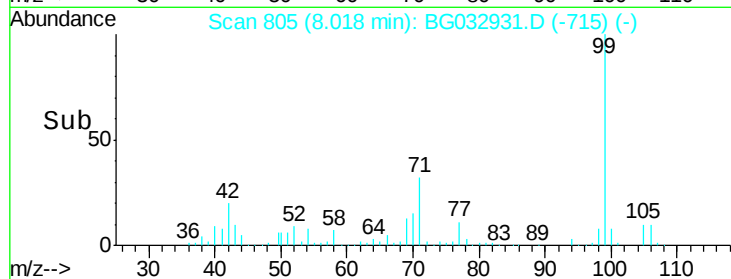
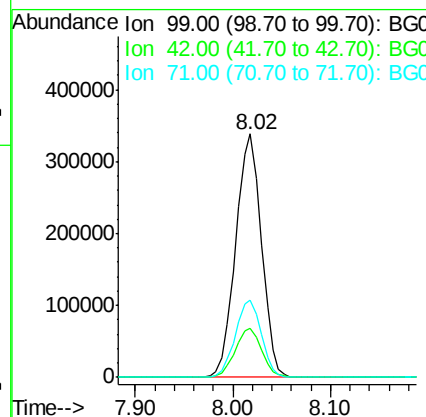
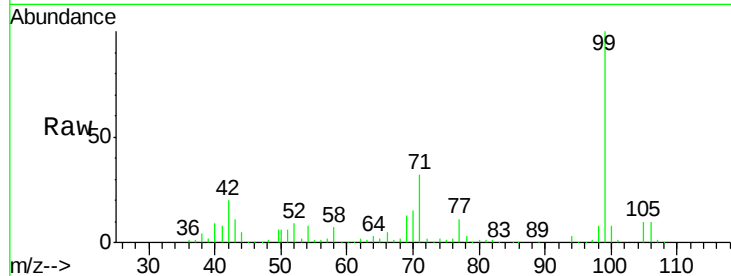
ClientSampleId :

PB106984BSD

Tot Ion:	99	Resp:	622048
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.1	21.1
71	31.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 46.721 ng

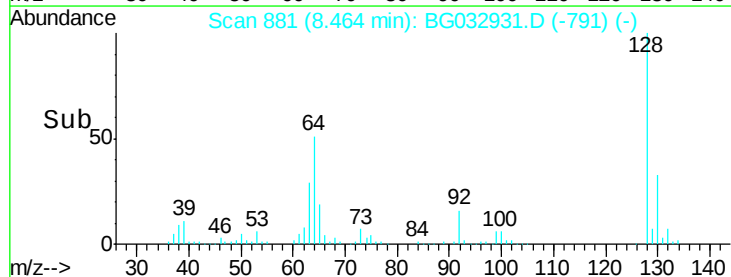
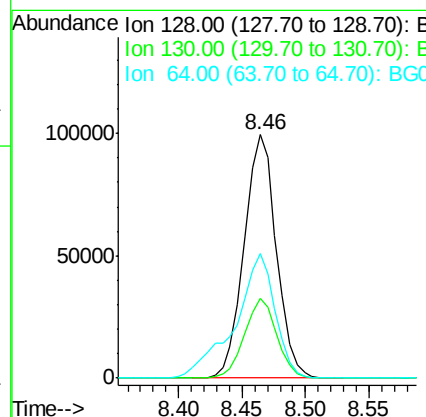
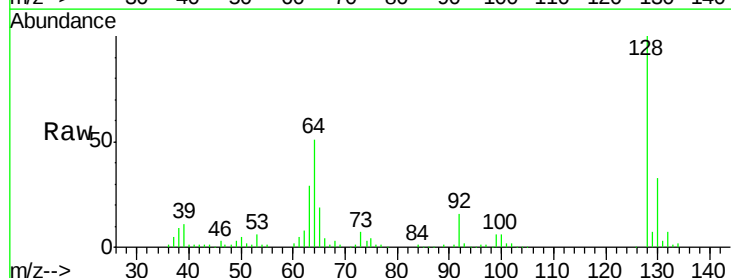
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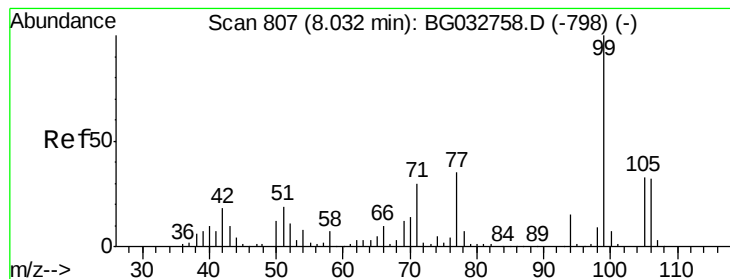
Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tgt Ion:	128	Resp:	175069
Ion Ratio	Lower	Upper	
128	100		
130	32.6	14.0	54.0
64	51.1	37.7	77.7





#9

Benzaldehyde

Concen: 24.635 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

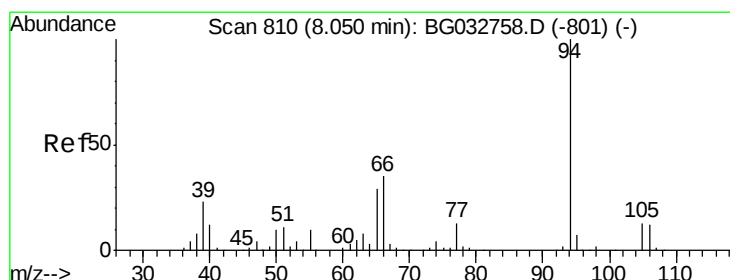
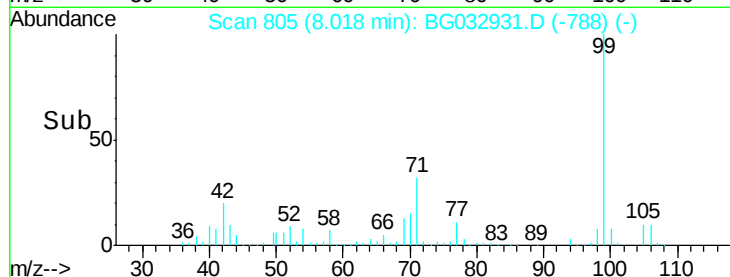
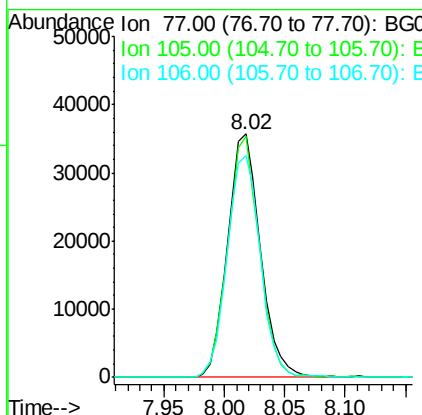
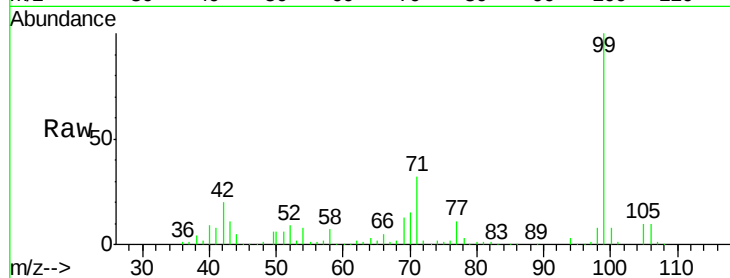
ClientSampleId :

PB106984BSD

Tot Ion:	77	Resp:	67750
Ion	Ratio	Lower	Upper
77	100		
105	98.9	71.3	111.3
106	91.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 46.225 ng

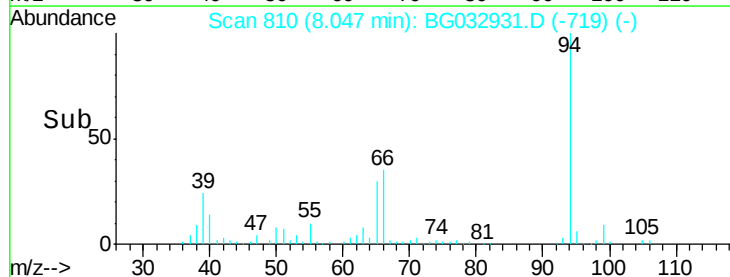
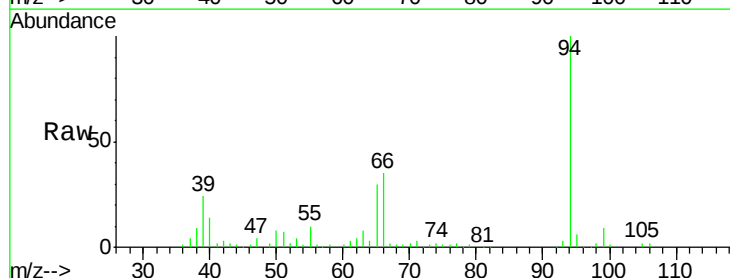
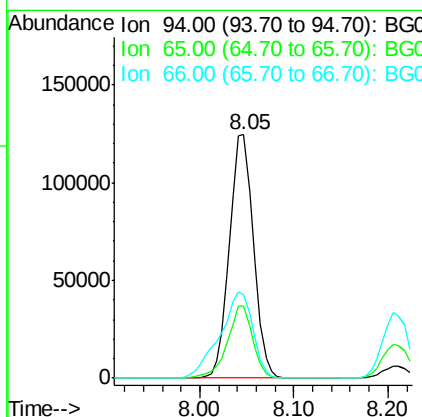
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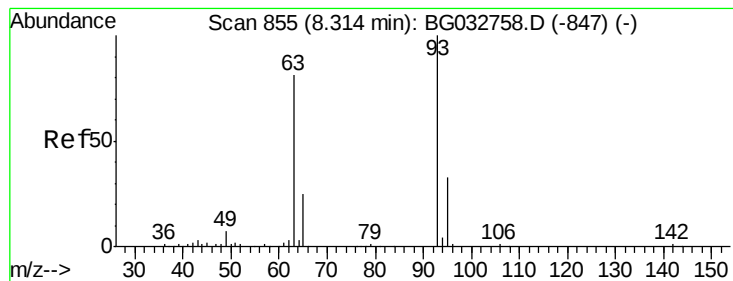
Delta R.T. 0.01 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tgt Ion:	94	Resp:	222353
Ion	Ratio	Lower	Upper
94	100		
65	29.5	11.9	51.9
66	34.5	22.2	62.2





#11

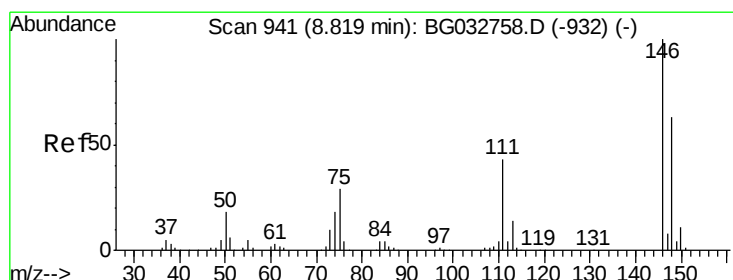
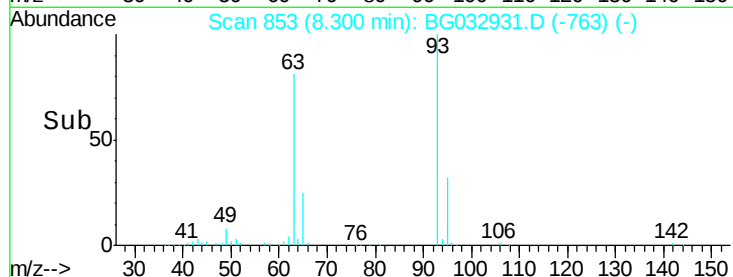
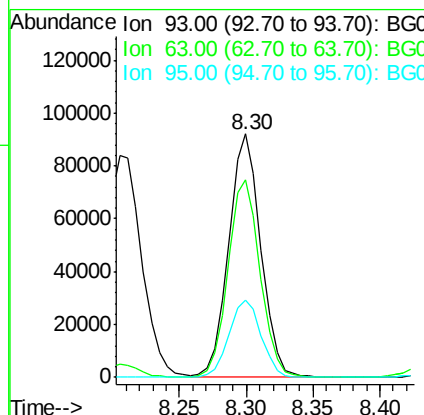
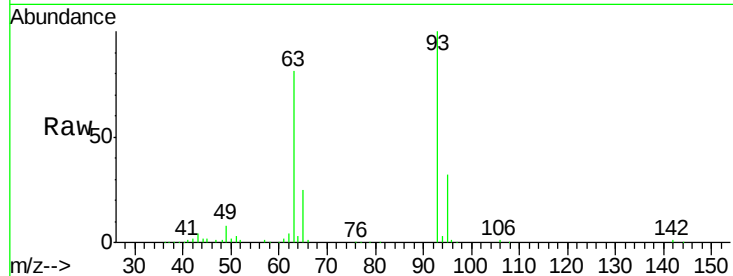
bis(2-Chloroethyl)ether
Concen: 39.093 ng
RT: 8.30 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		153768		
63	81.2	67.1	107.1		
95	31.8	11.5	51.5		

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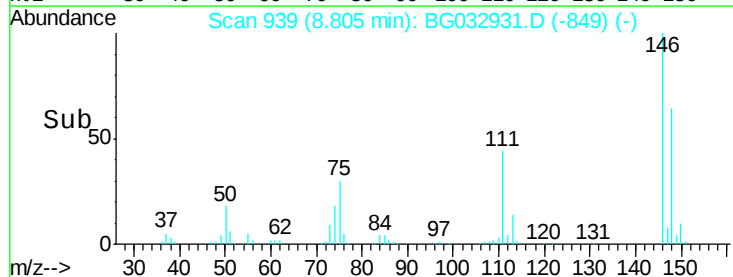
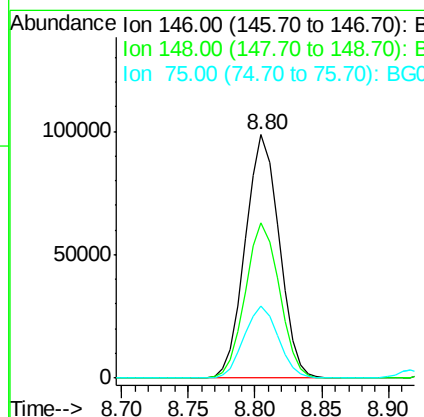
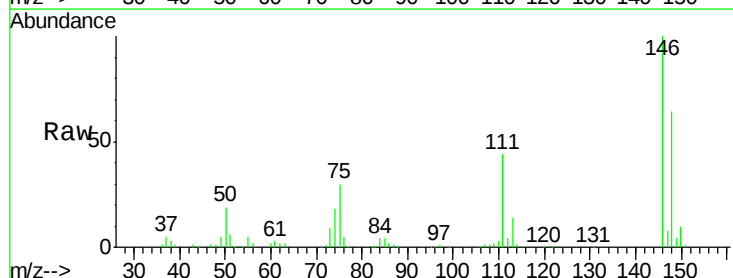
Sohil
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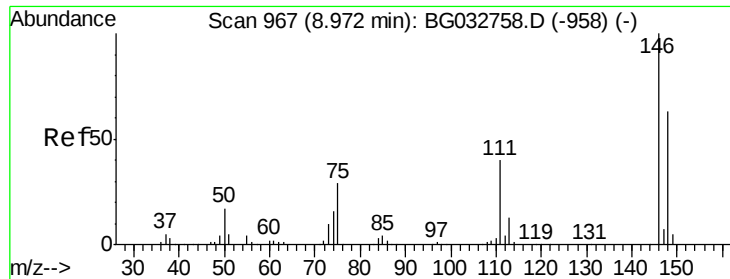


#12

1,3-Dichlorobenzene
Concen: 39.475 ng
RT: 8.80 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		173252		
148	64.0	51.4	77.2		
75	29.6	26.6	39.8		





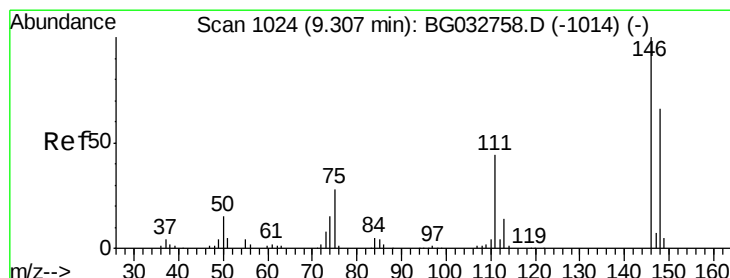
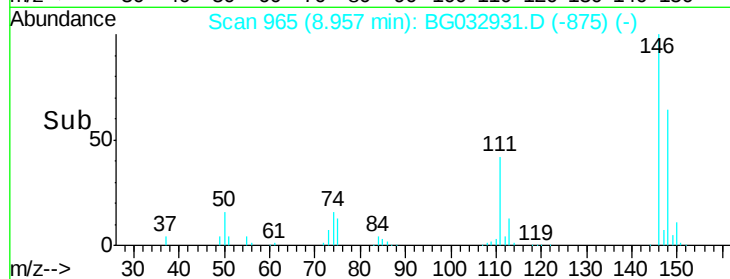
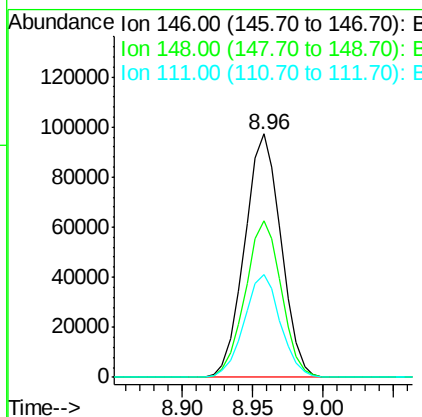
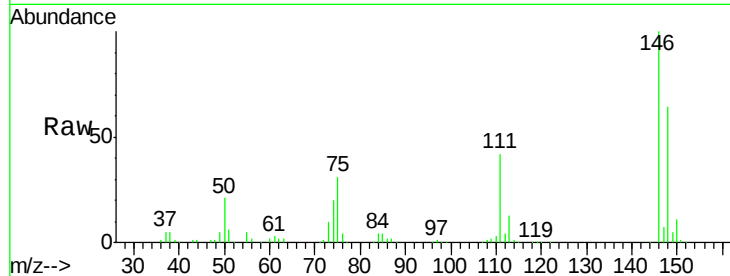
#13
 1,4-Dichlorobenzene
 Concen: 39.809 ng
 RT: 8.96 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.7	80.5
111	42.4	35.2	52.8

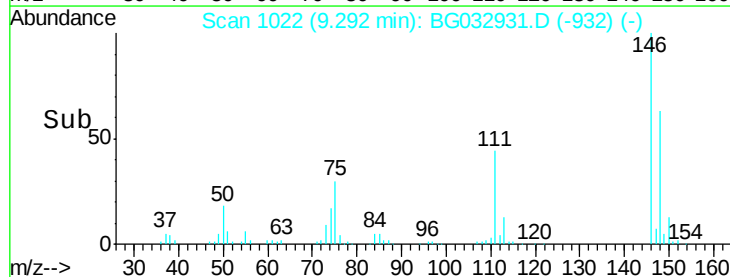
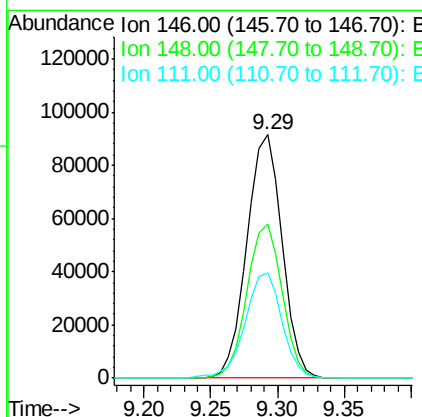
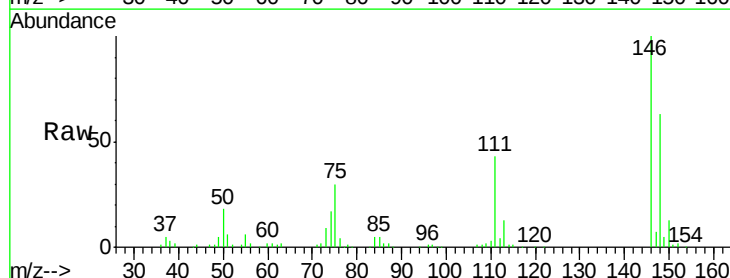
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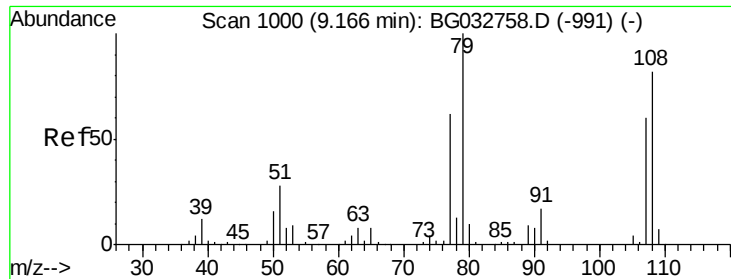
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.405 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.3	73.9
111	43.5	34.3	51.5





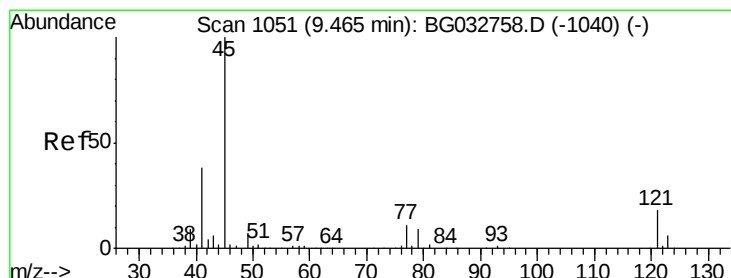
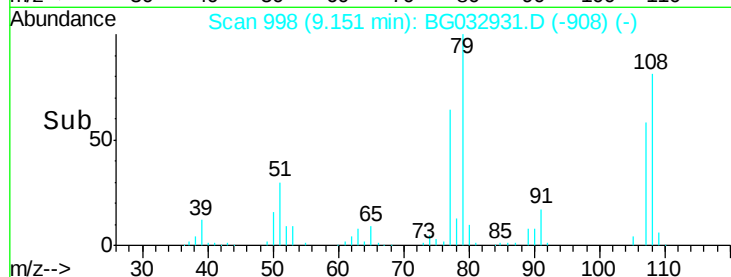
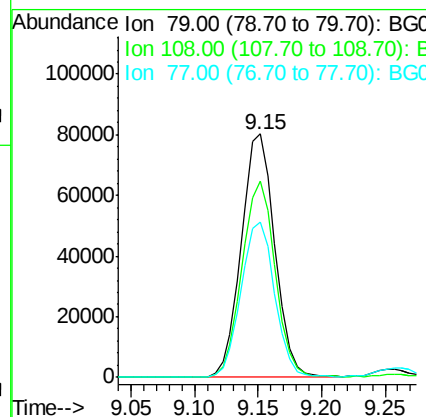
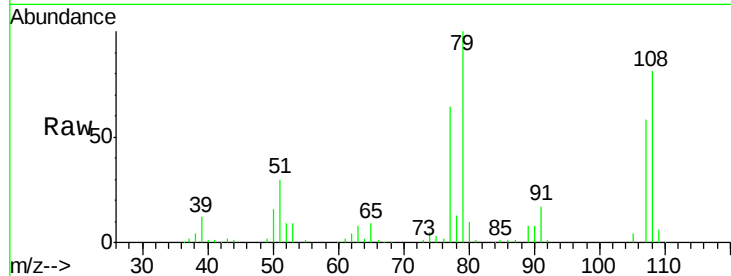
#15
Benzyl Alcohol
Concen: 41.945 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampled :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	57.2	85.8
77	63.7	46.1	69.1

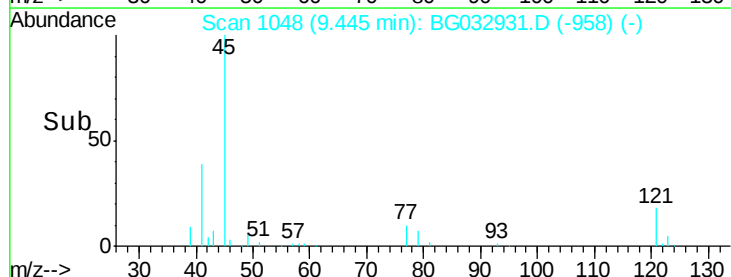
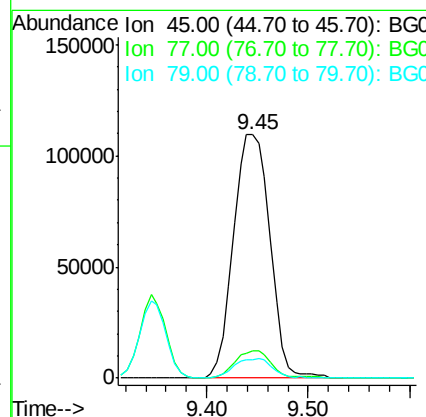
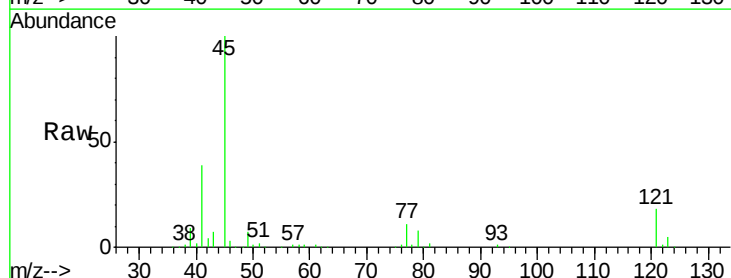
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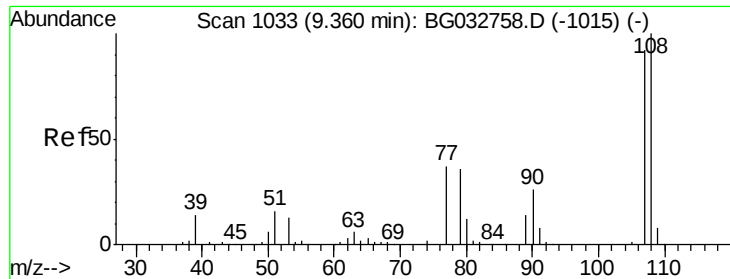
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.480 ng
RT: 9.45 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.2
79	7.8	0.0	27.9





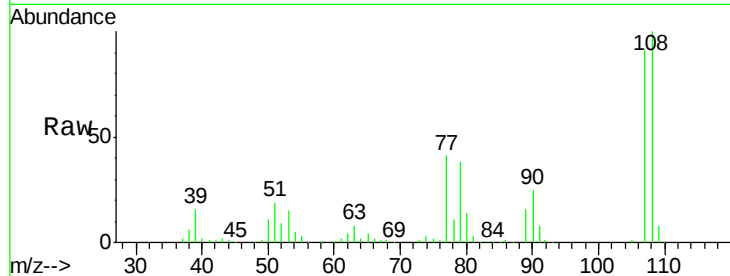
#17
2-Methylphenol
Concen: 41.715 ng
RT: 9.35 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

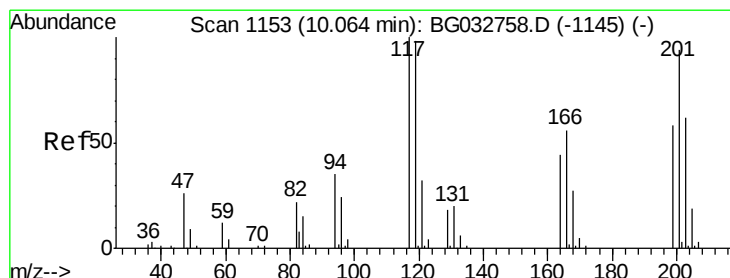
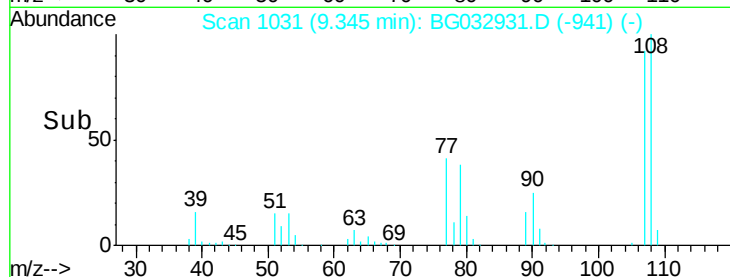
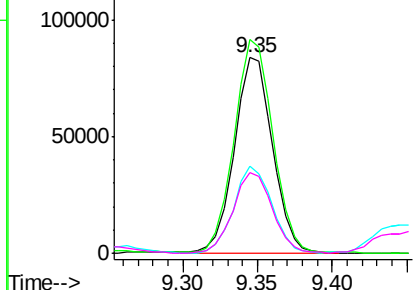
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	83.9	125.9	
77	44.6	37.2	55.8	
79	41.4	36.2	54.2	

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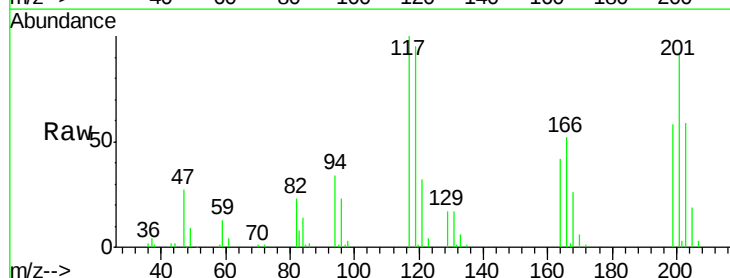


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

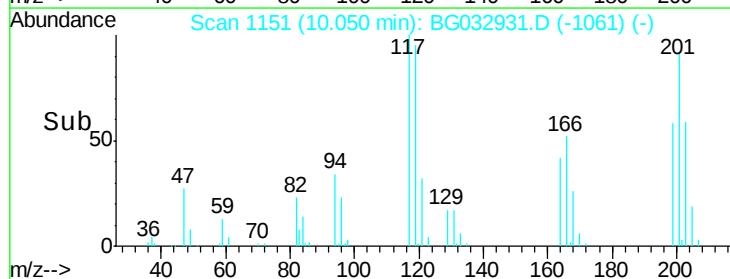
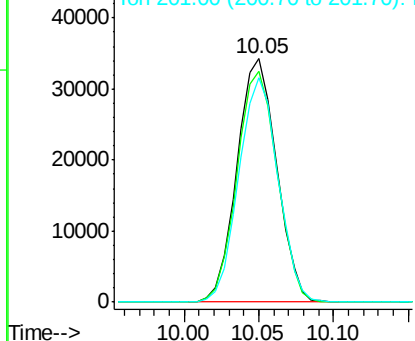


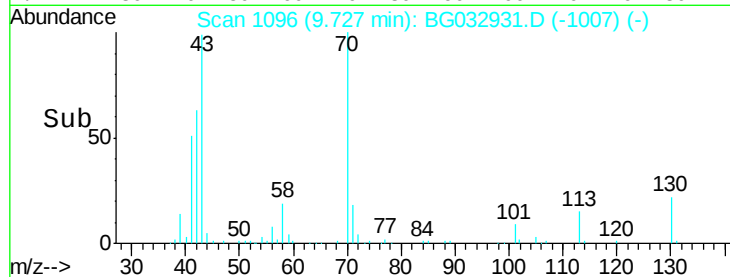
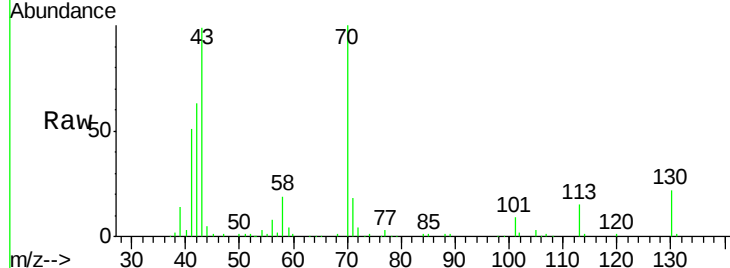
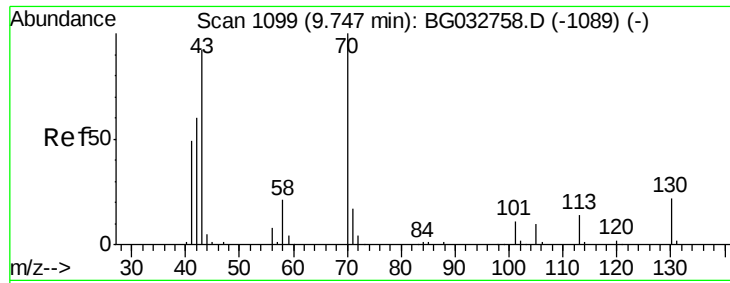
#18
Hexachloroethane
Concen: 42.026 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	76.7	115.1	
201	92.1	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





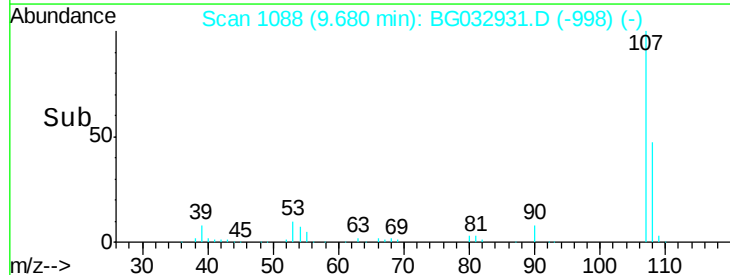
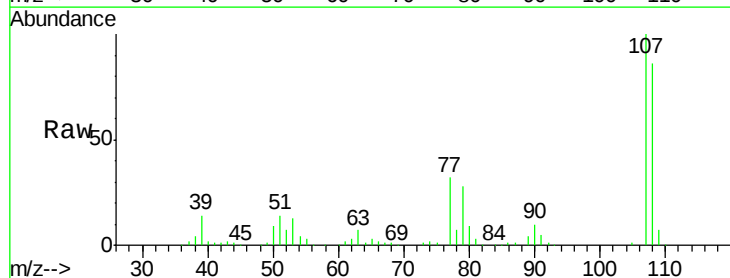
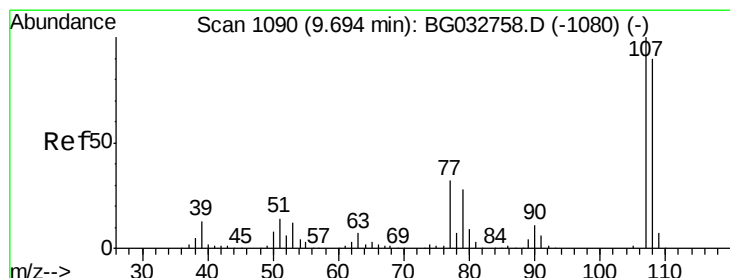
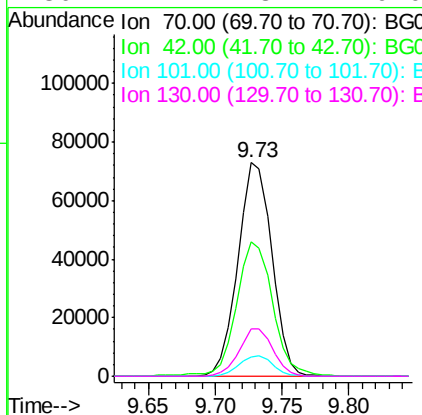
#19
n-Nitroso-di-n-propylamine
Concen: 38.158 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	49.1	73.7	
101	8.9	8.5	12.7	
130	22.4	13.4	20.0	

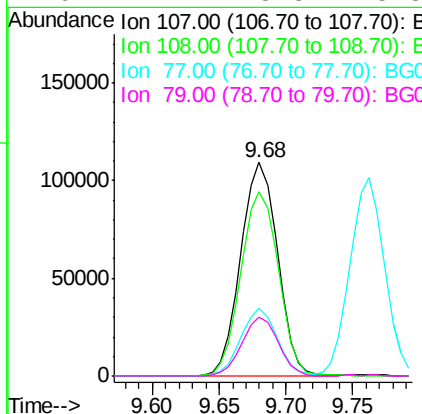
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#20
3+4-Methylphenols
Concen: 42.495 ng
RT: 9.68 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	61.6	101.6	
77	31.9	13.9	53.9	
79	27.7	8.8	48.8	





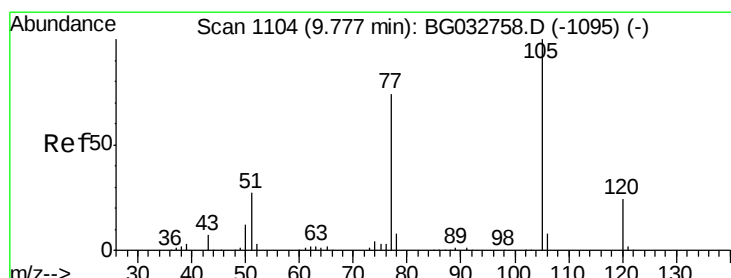
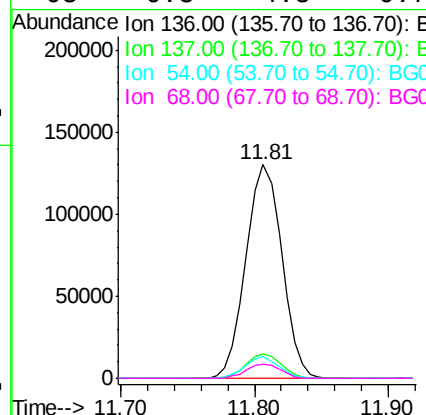
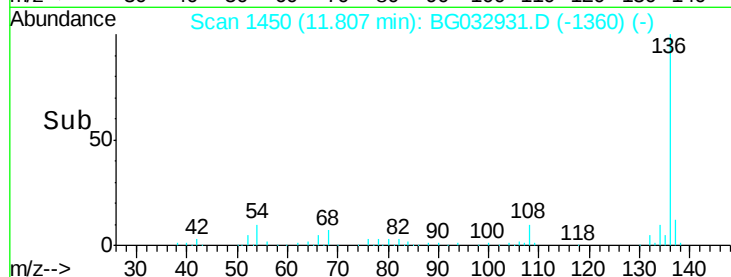
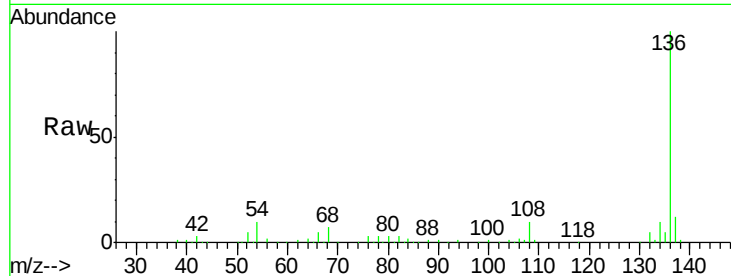
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	9.2	13.8
54	10.0	10.3	15.5#
68	6.8	4.5	6.7#

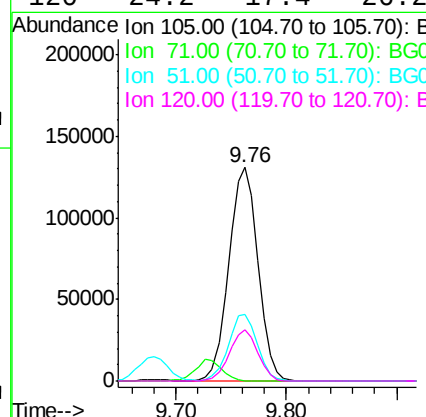
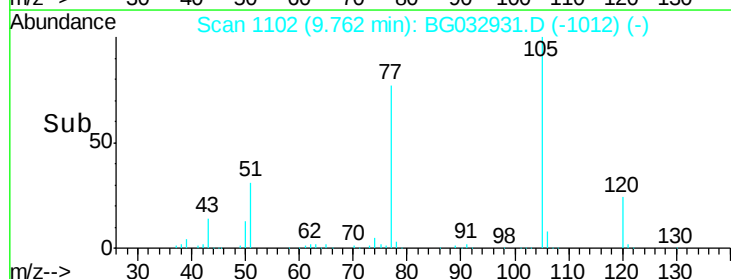
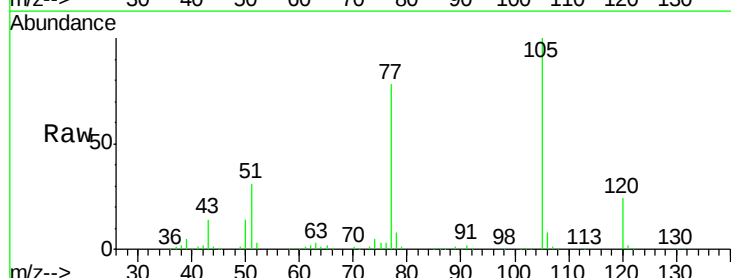
Manual Integrations
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#22
Acetophenone
Concen: 39.393 ng
RT: 9.76 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	30.9	26.1	39.1
120	24.2	17.4	26.2





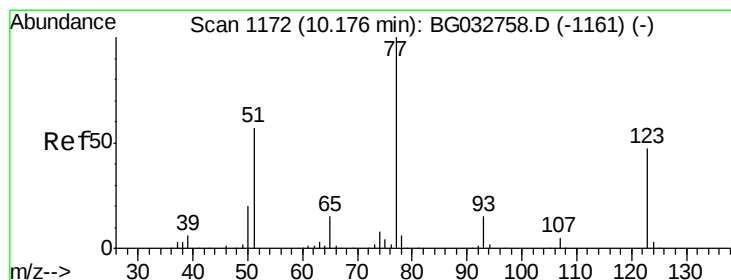
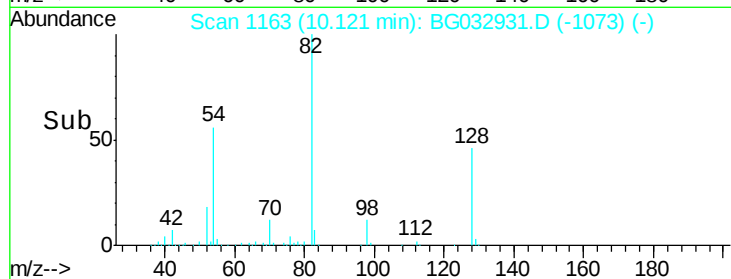
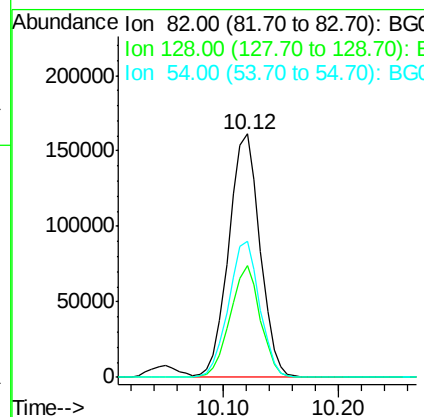
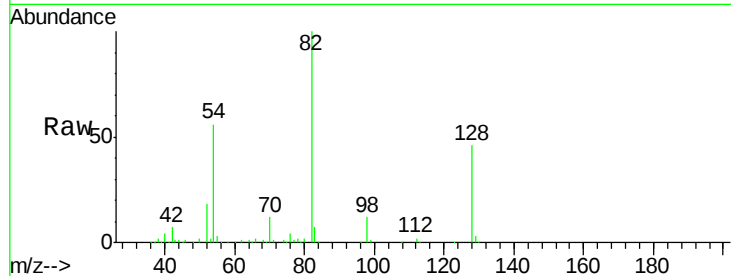
#23
 Nitrobenzene-d5
 Concen: 86.195 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	29.7	44.5#
54	55.8	43.1	64.7

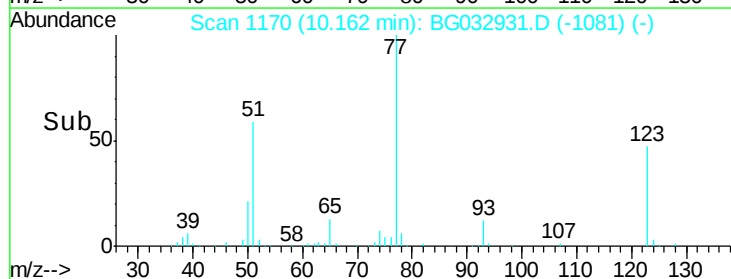
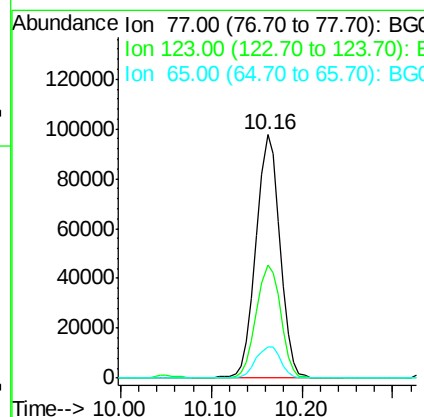
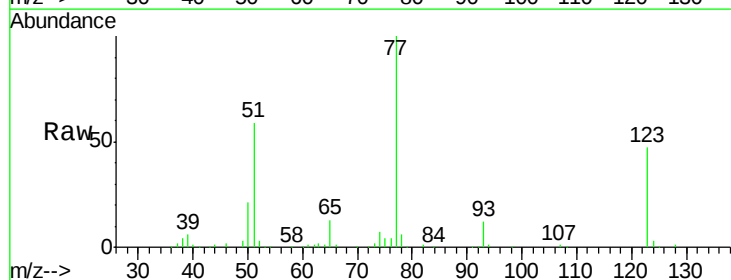
Manual Integrations
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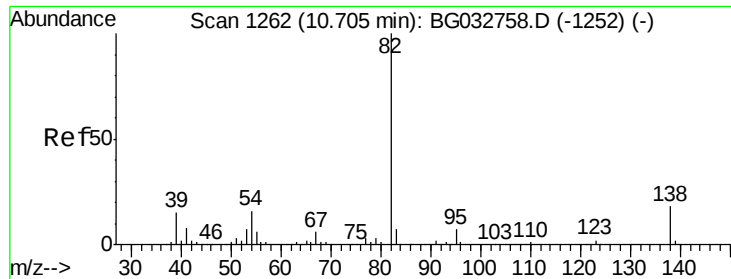
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#24
 Nitrobenzene
 Concen: 46.578 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	33.0	49.6
65	12.8	13.0	19.6#





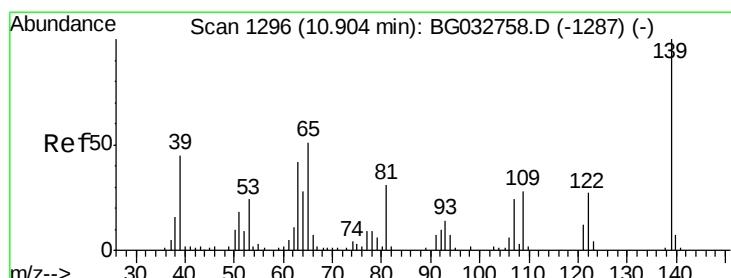
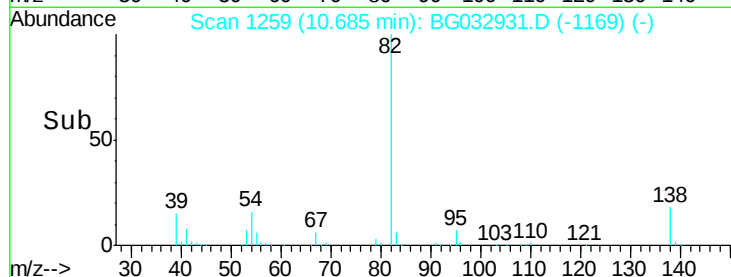
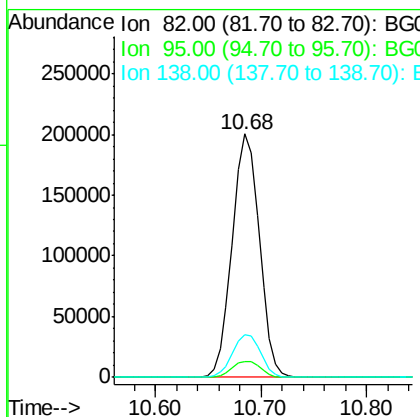
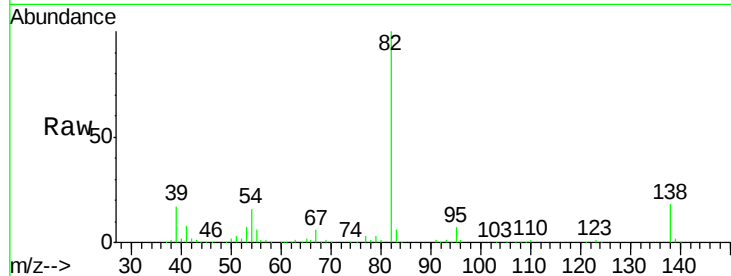
#25
Isophorone
Concen: 41.907 ng
RT: 10.68 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	82	Resp	356784
Ion Ratio	100	Lower	Upper
82	100		
95	6.5	6.2	9.2
138	17.8	12.1	18.1

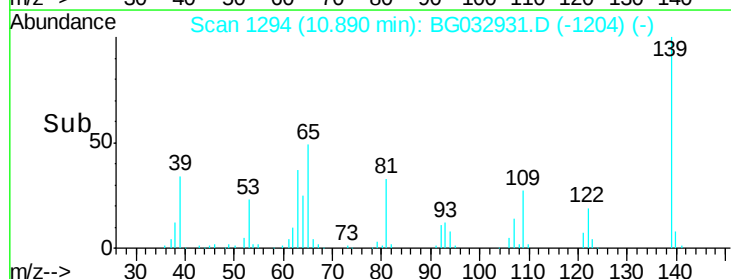
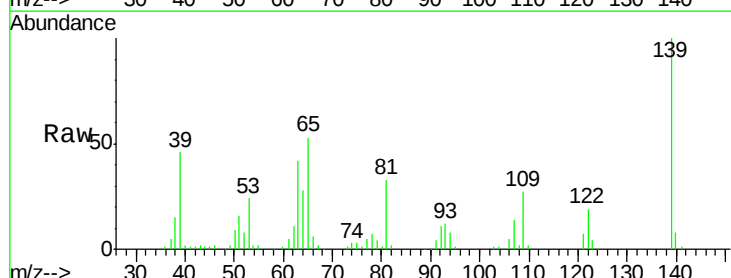
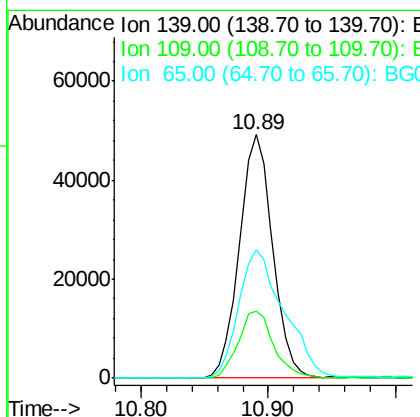
Manual Integrations
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#26
2-Nitrophenol
Concen: 60.106 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	139	Resp	89567
Ion Ratio	100	Lower	Upper
139	100		
109	27.4	24.2	36.2
65	52.8	47.4	71.0





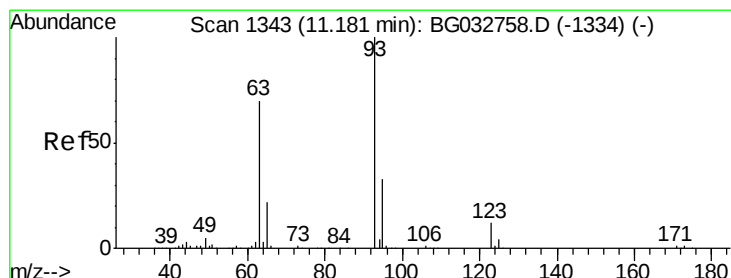
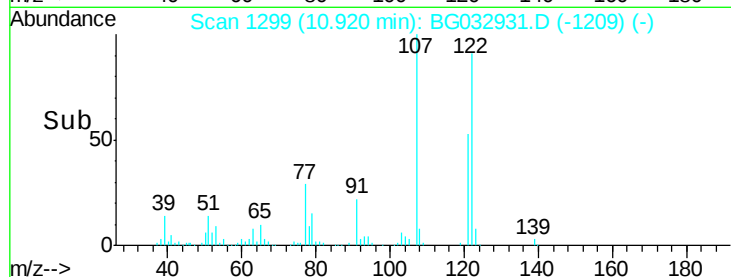
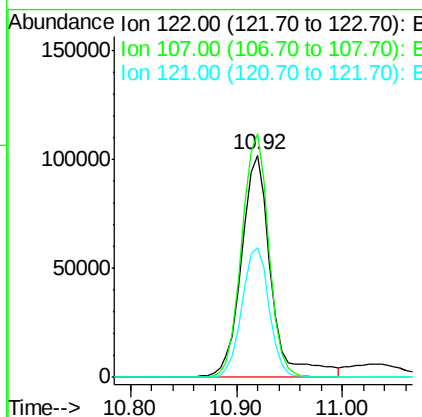
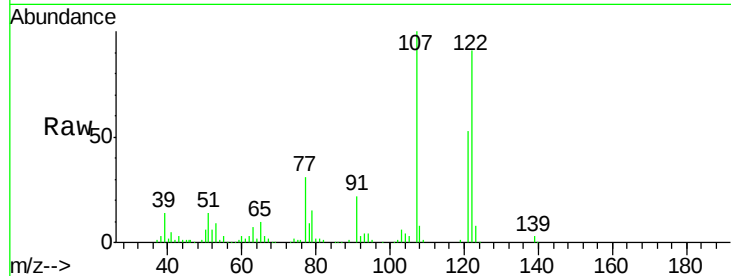
#27
2,4-Dimethylphenol
Concen: 54.072 ng
RT: 10.92 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	100.2	150.2
121	58.5	44.4	66.6

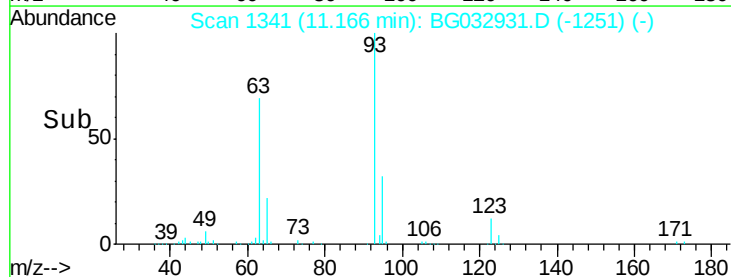
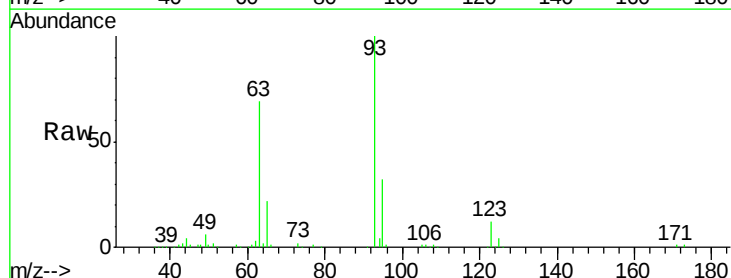
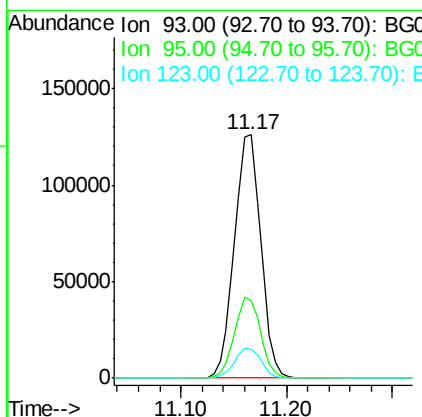
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 43.840 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	12.0	8.4	12.6





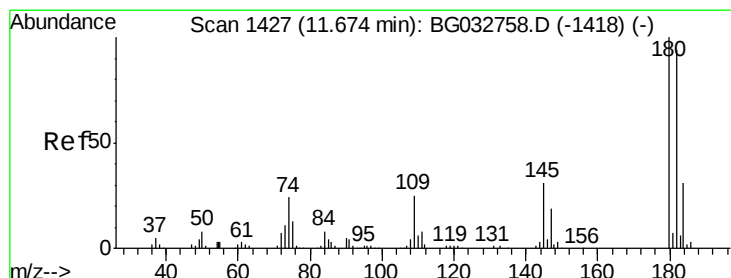
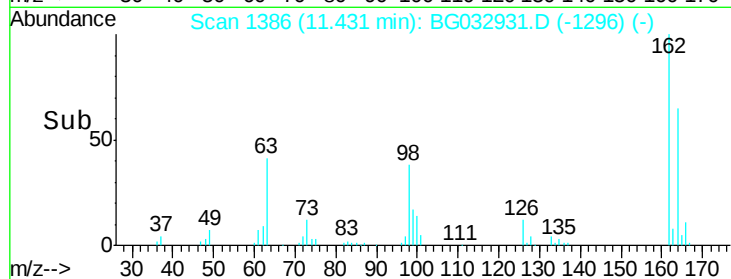
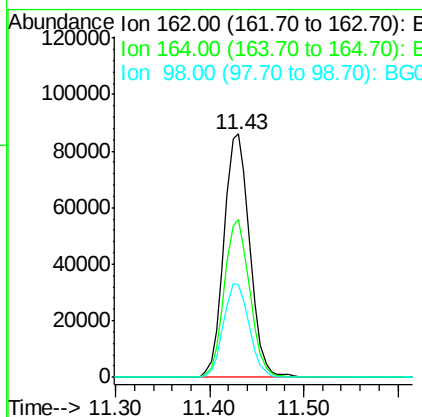
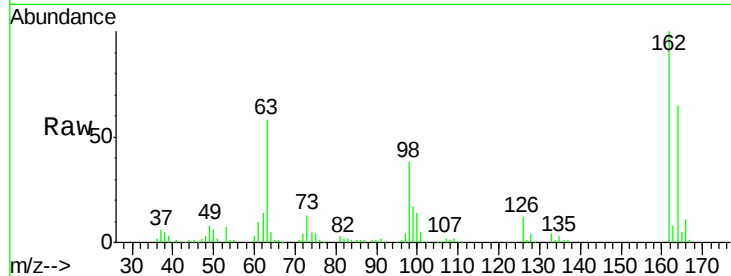
#29
2,4-Dichlorophenol
Concen: 48.887 ng
RT: 11.43 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	164098		
164	64.9	48.0	88.0	
98	38.1	21.1	61.1	

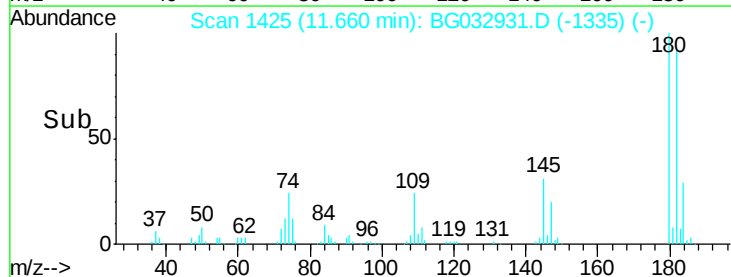
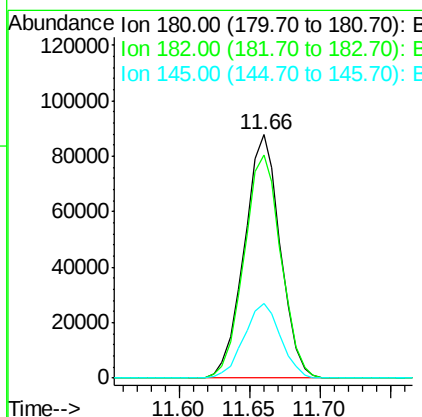
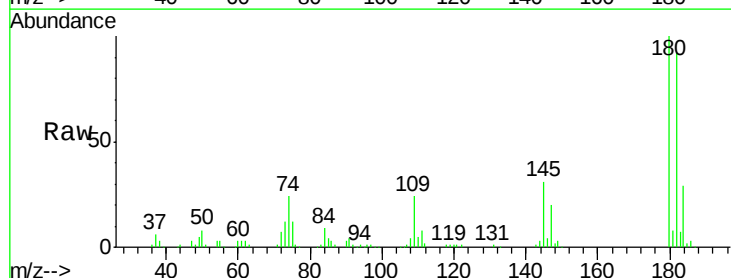
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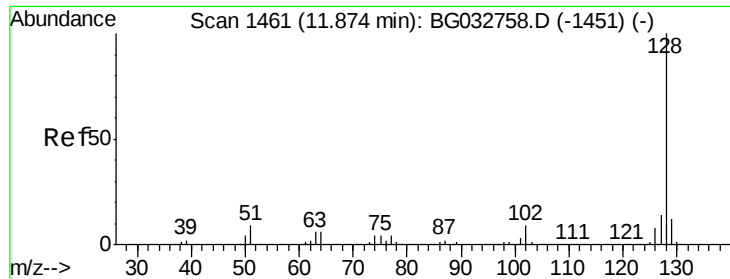
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#30
1,2,4-Trichlorobenzene
Concen: 39.706 ng
RT: 11.66 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156232		
182	91.8	77.5	116.3	
145	30.6	23.4	35.2	





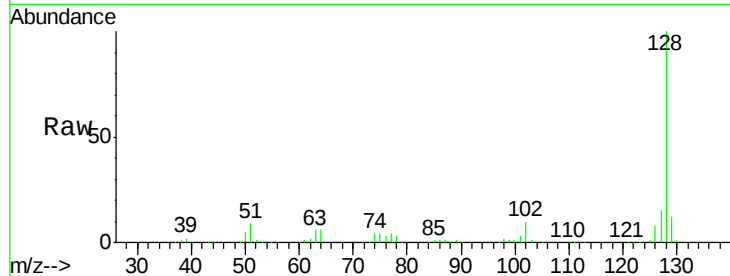
#31
Naphthalene
Concen: 40.726 ng
RT: 11.86 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

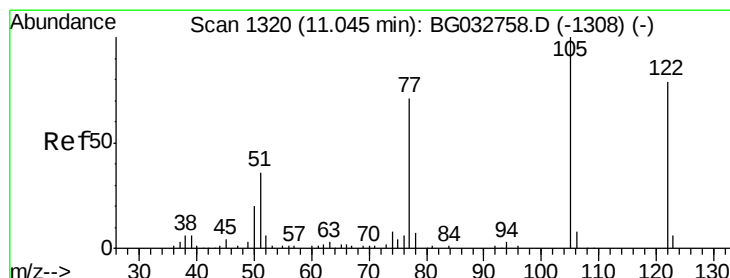
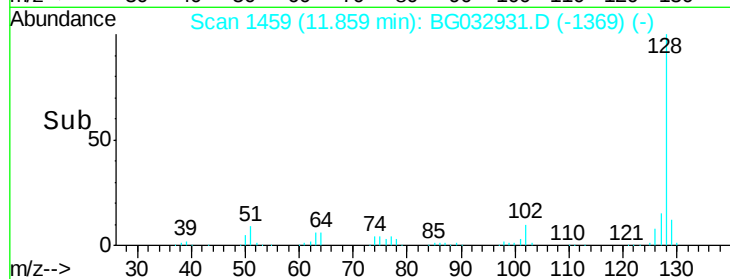
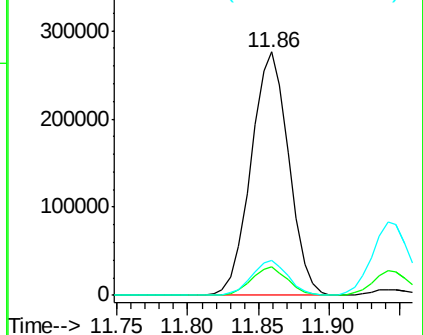
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.5	11.6	17.4

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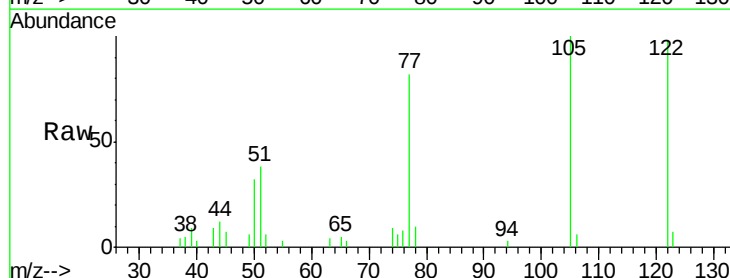


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

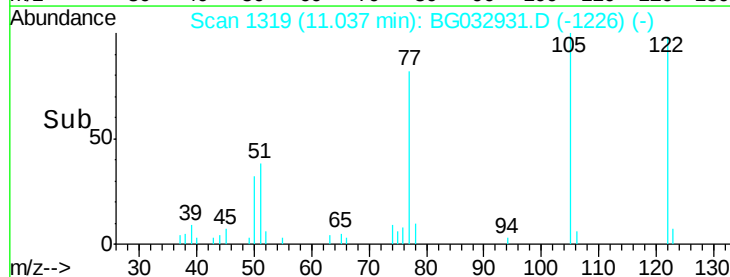
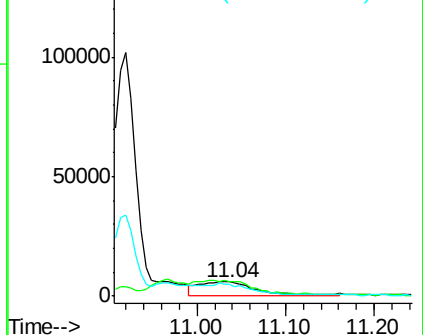


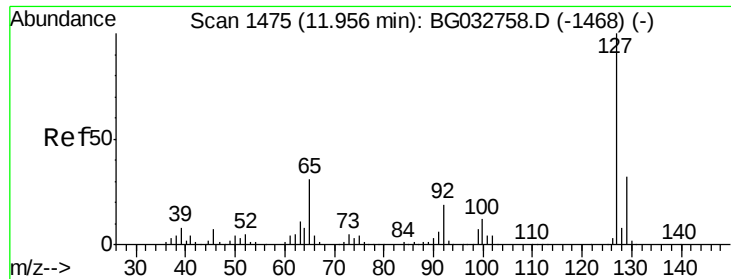
#32
Benzoic acid
Concen: 19.364 ng m
RT: 11.04 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	101.7	123.5	163.5#
77	83.8	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





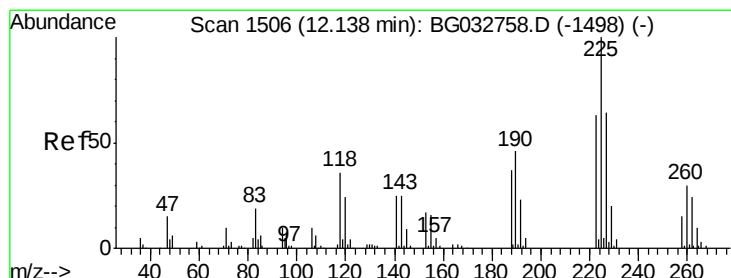
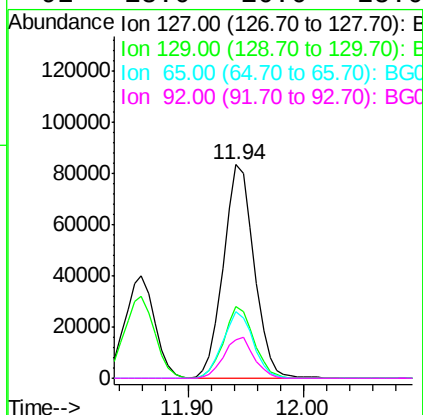
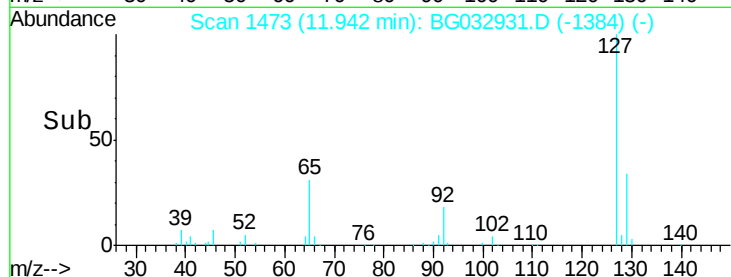
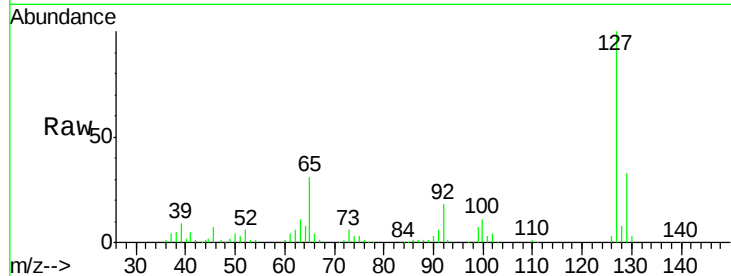
#33
4-Chloroaniline
Concen: 27.160 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	24.0	36.0
65	31.3	27.0	40.4
92	18.0	16.6	25.0

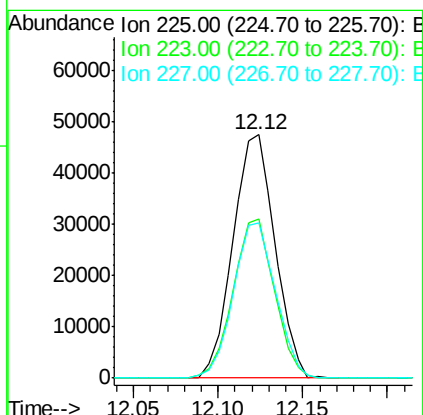
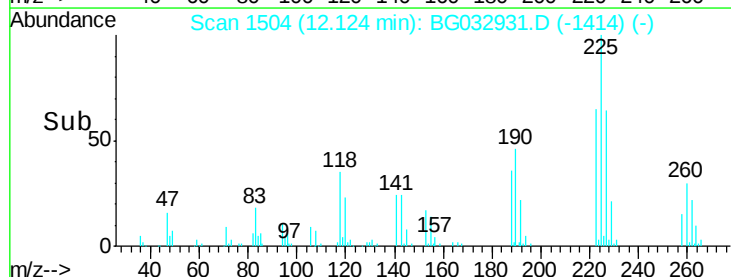
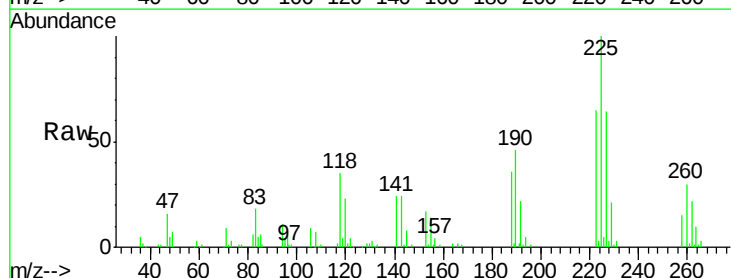
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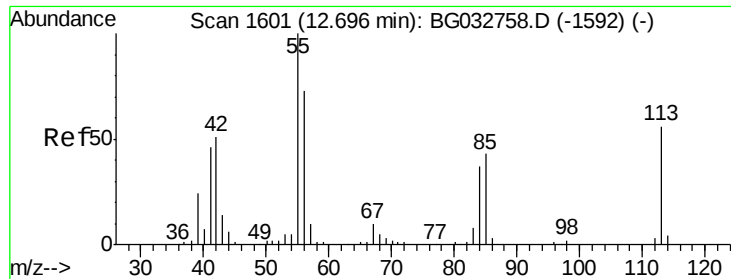
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#34
Hexachlorobutadiene
Concen: 37.268 ng
RT: 12.12 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.7	74.5
227	64.0	48.1	72.1





#35

Caprolactam

Concen: 48.801 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

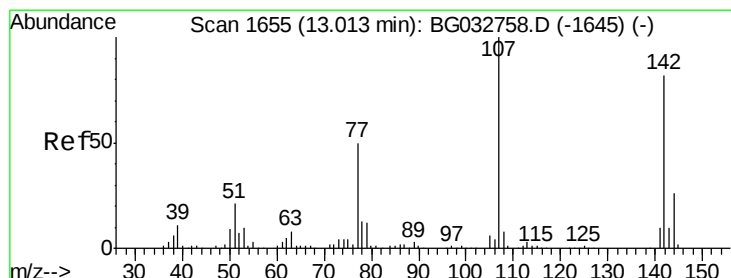
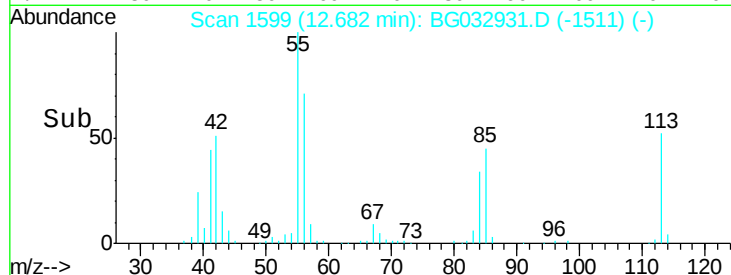
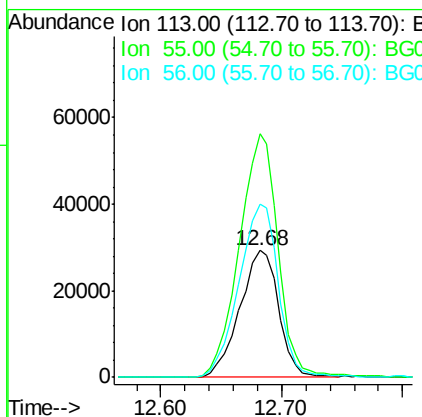
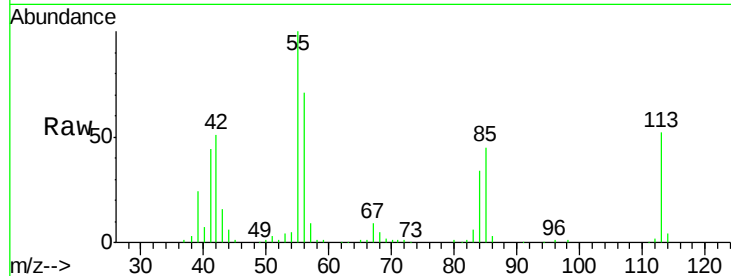
ClientSampleId :

PB106984BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	192.4	186.9	226.9
56	137.2	130.9	170.9

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#36

4-Chloro-3-methylphenol

Concen: 49.519 ng

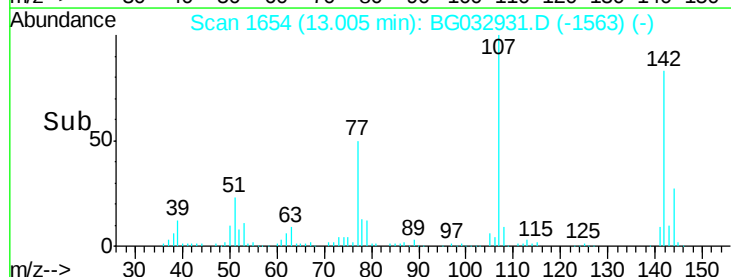
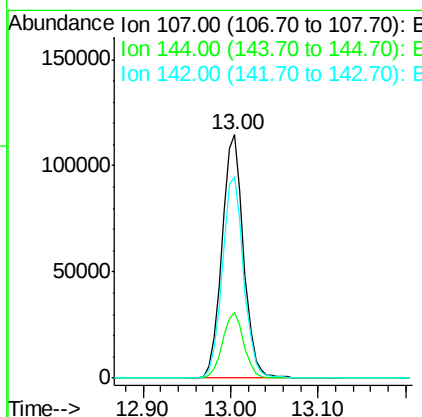
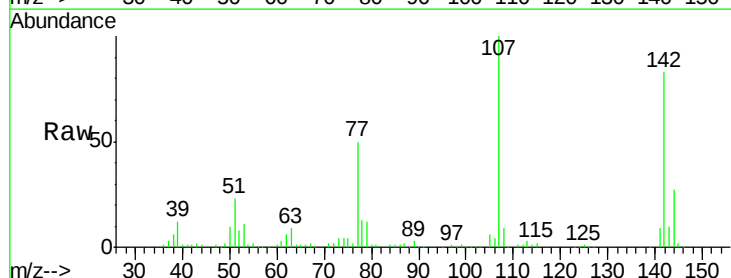
RT: 13.00 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	18.2	27.4
142	82.7	59.0	88.4





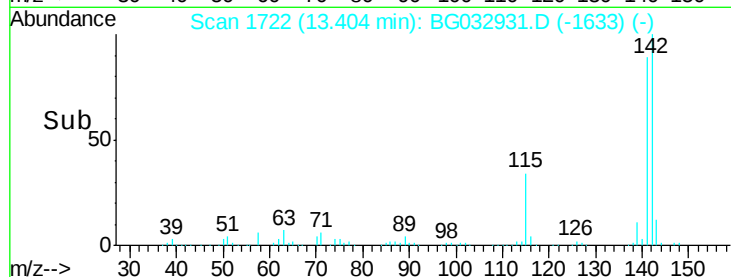
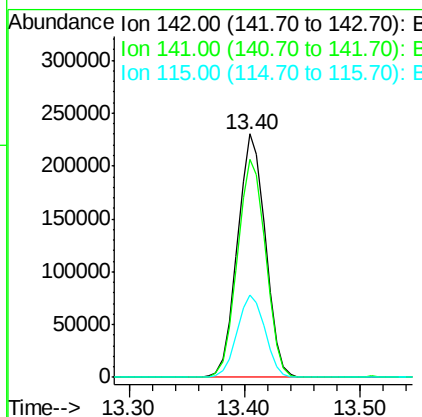
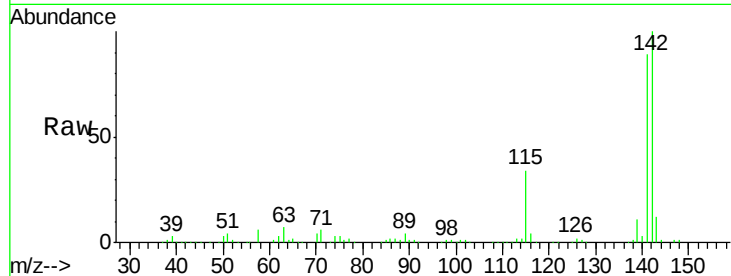
#37
2-Methylnaphthalene
Concen: 41.892 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	33.9	30.7	46.1

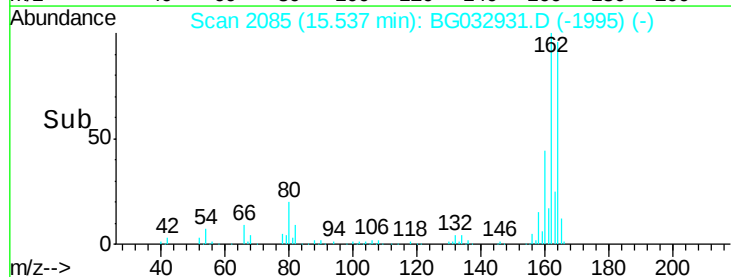
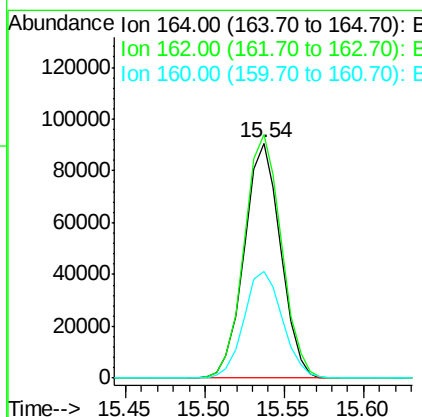
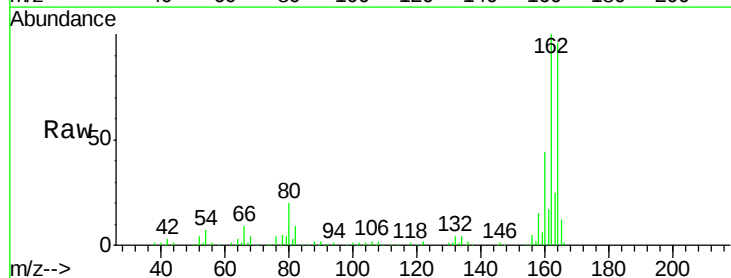
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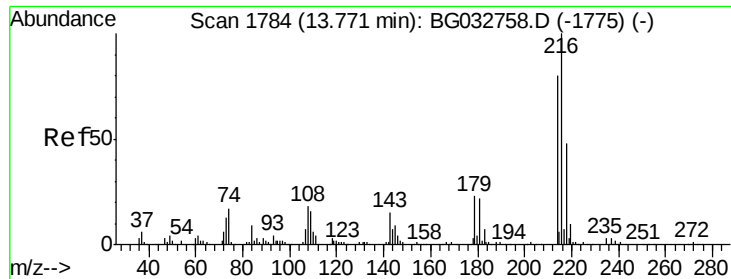
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	45.2	35.4	53.0





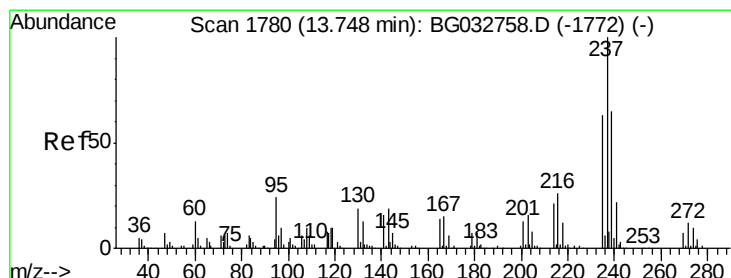
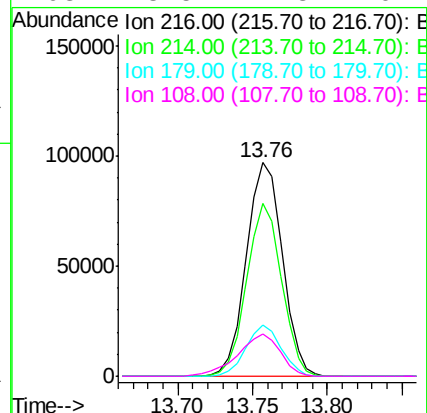
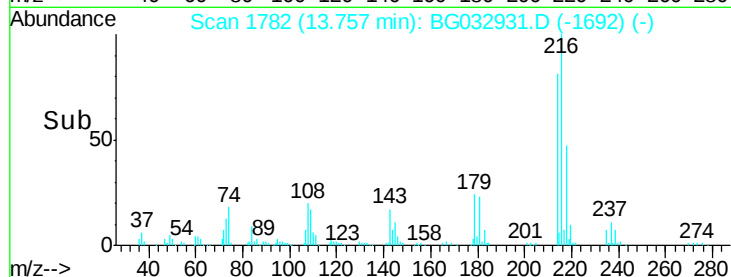
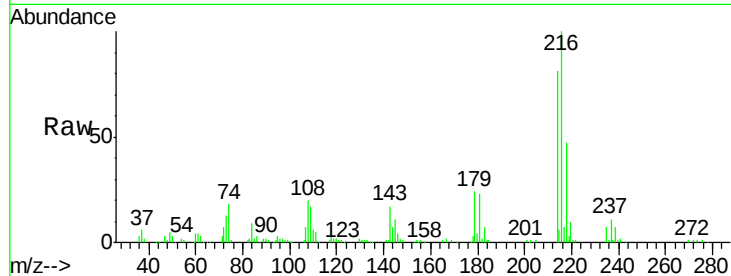
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.682 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	63.0	94.4
179	23.2	17.0	25.6
108	23.5	12.8	19.2

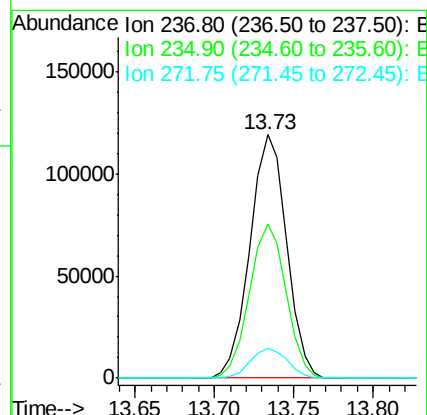
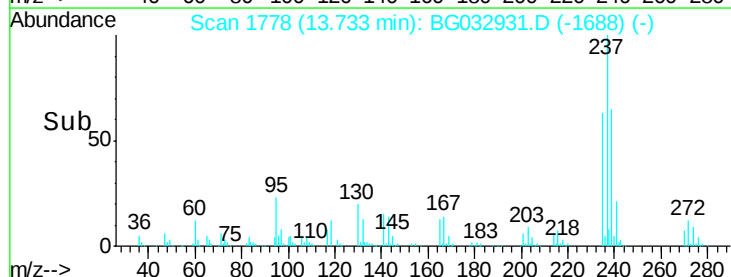
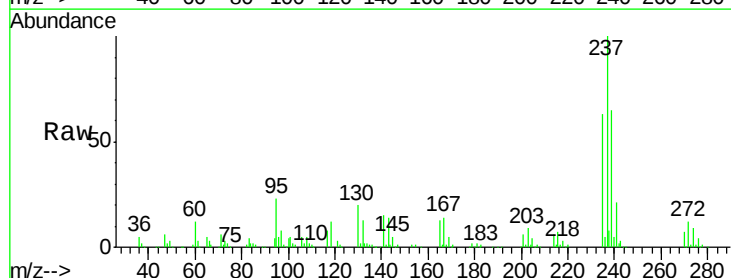
Manual Integrations
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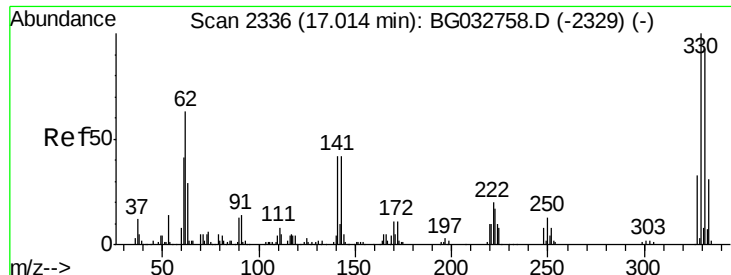
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#40
 Hexachlorocyclopentadiene
 Concen: 87.781 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	50.4	90.4
272	12.3	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 135.625 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB106984BSD

Tot Ion:330 Resp: 205909

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

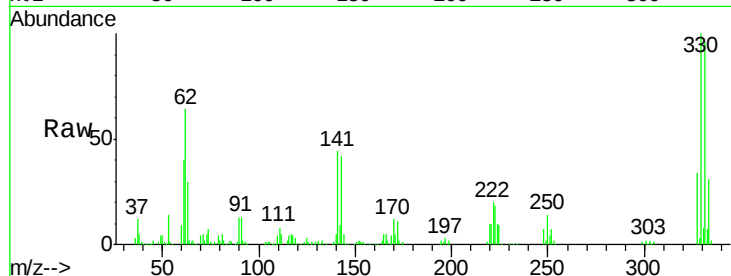
141 44.9 25.2 37.8#

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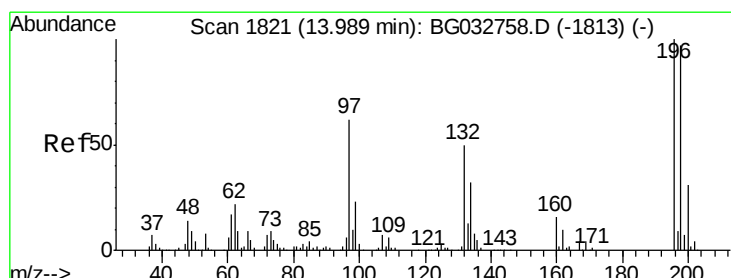
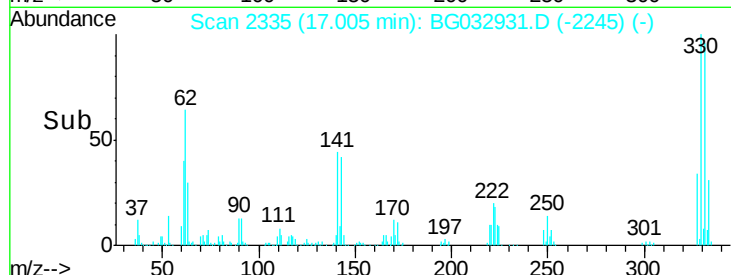
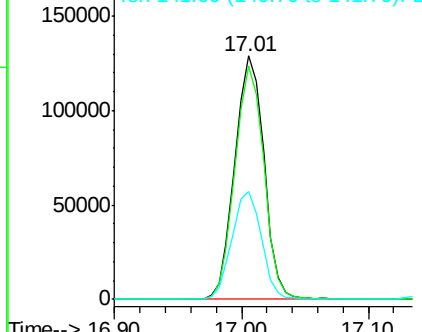
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.975 ng

RT: 13.98 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

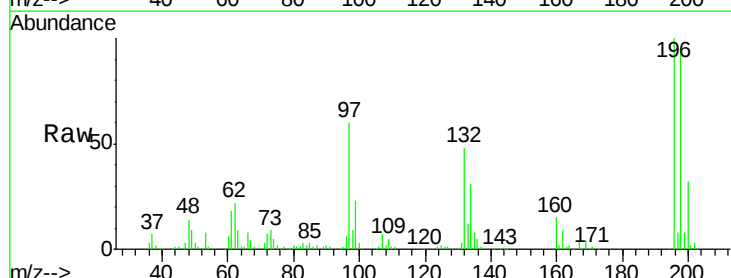
Tgt Ion:196 Resp: 126977

Ion Ratio Lower Upper

196 100

198 95.3 78.2 117.2

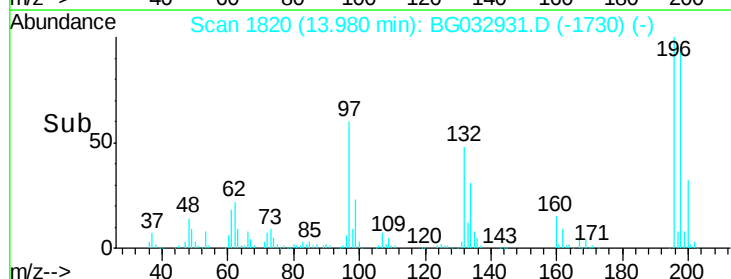
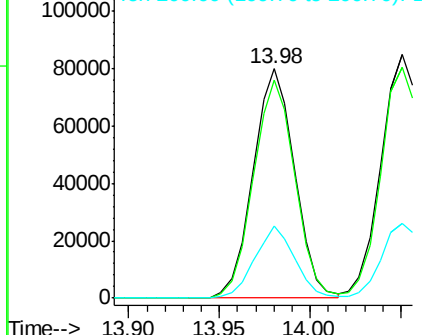
200 31.5 24.6 36.8



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





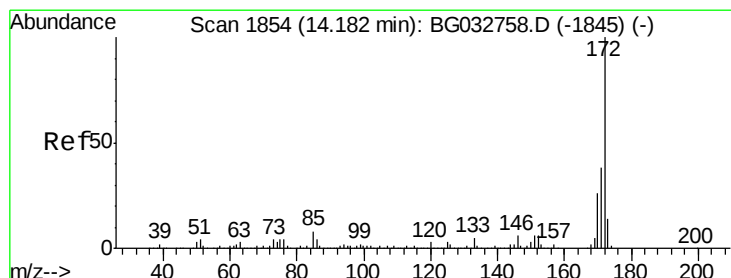
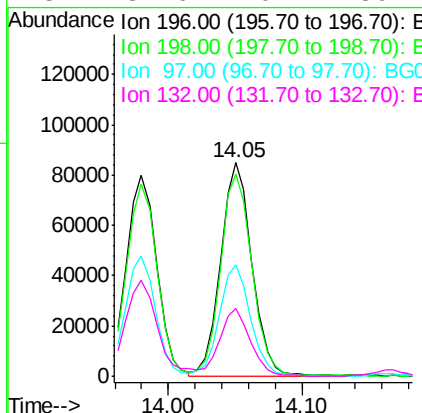
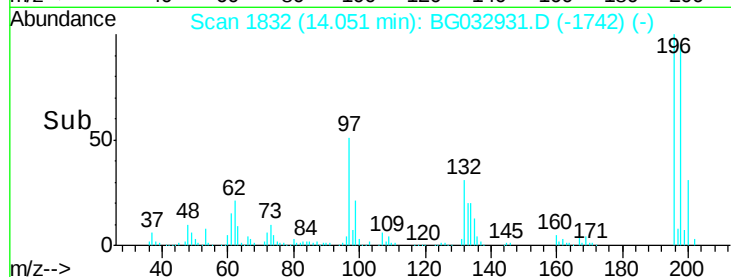
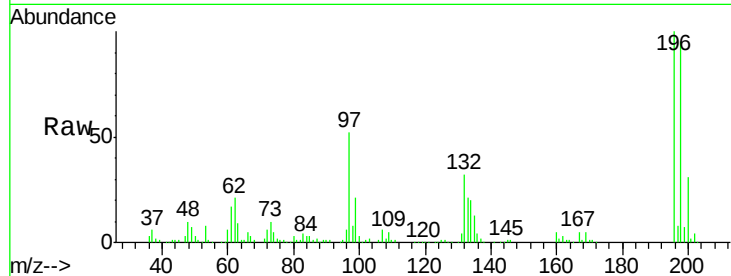
#43
 2,4,5-Trichlorophenol
 Concen: 44.481 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	139158		
198	94.7	76.2	114.4	
97	51.9	38.7	58.1	
132	31.6	20.2	30.2	

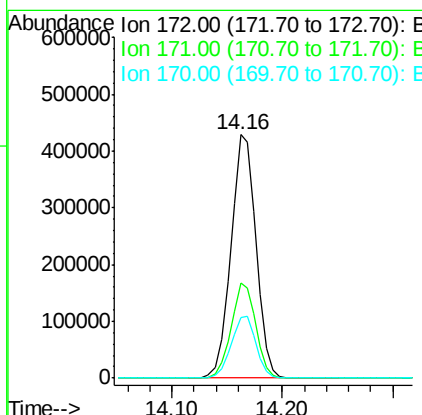
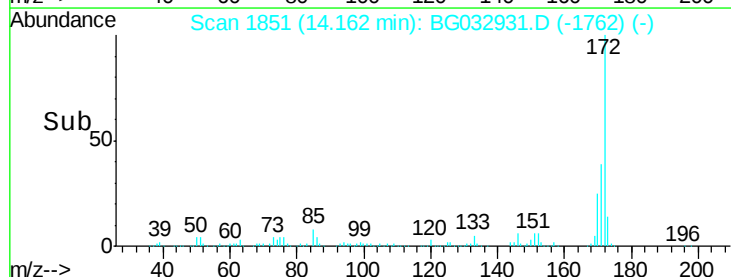
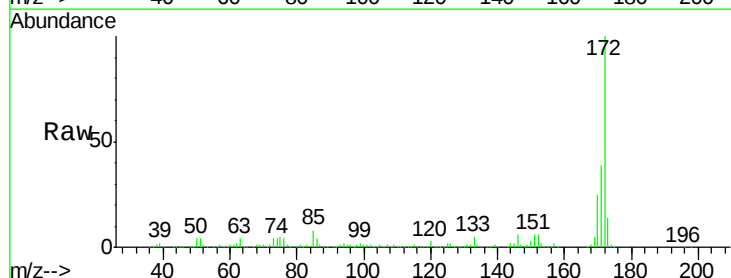
Manual Integrations
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 3/2/2018 3:29:06 PM



#44
 2-Fluorobiphenyl
 Concen: 67.797 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	678746		
171	39.0	30.0	45.0	
170	25.0	19.5	29.3	





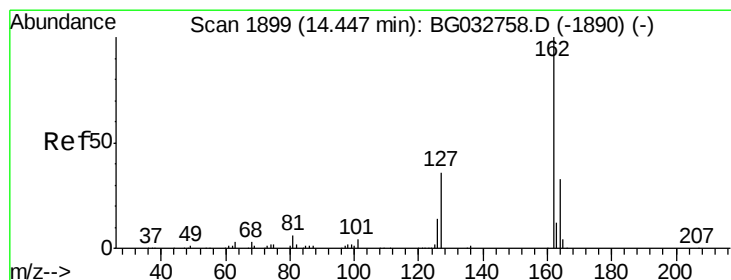
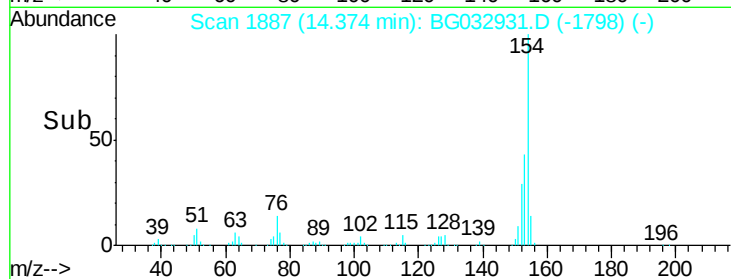
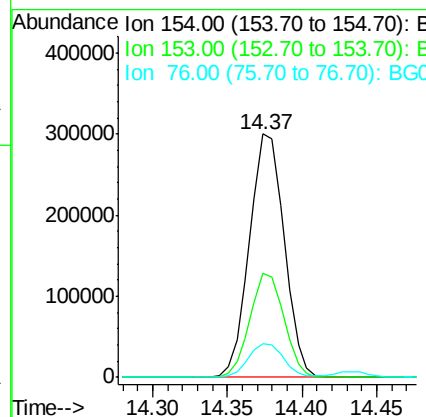
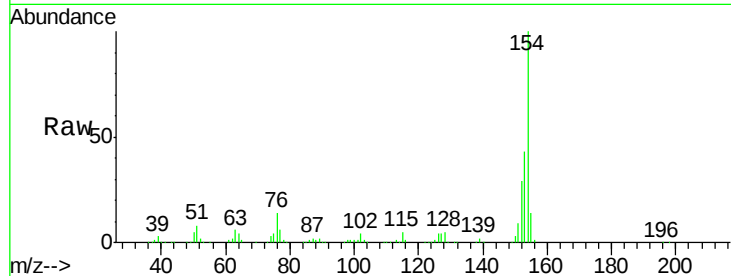
#45
 1,1'-Biphenyl
 Concen: 38.315 ng
 RT: 14.37 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	13.9	0.0	31.9

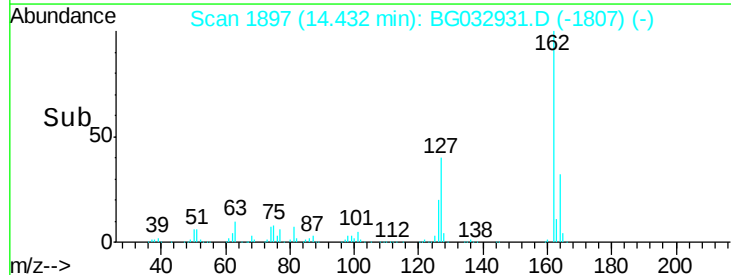
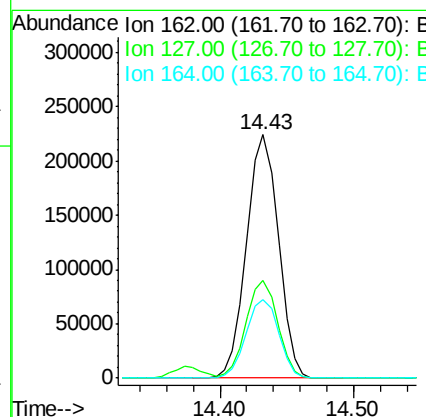
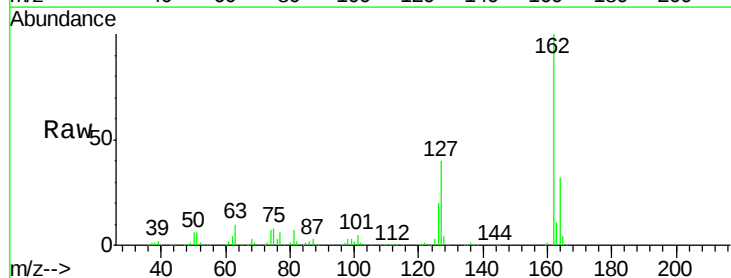
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 39.263 ng
 RT: 14.43 min Scan# 1897
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	32.2	26.0	39.0





#47

2-Nitroaniline

Concen: 52.636 ng

RT: 14.61 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

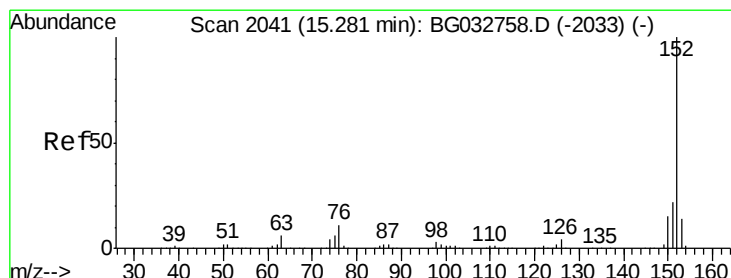
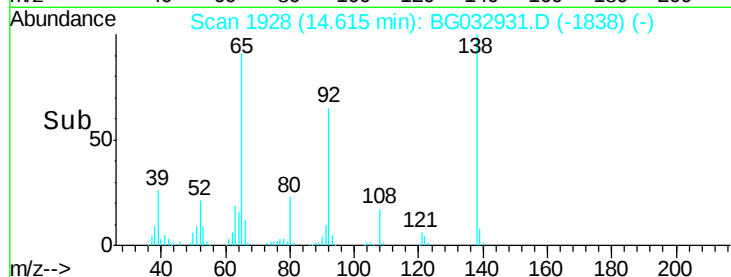
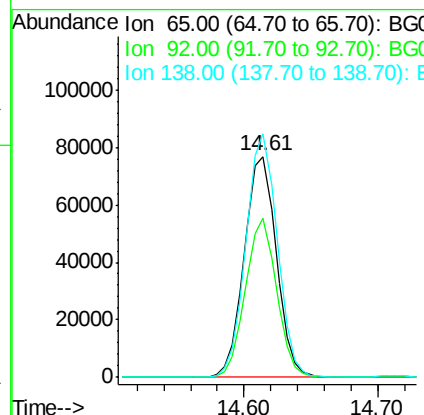
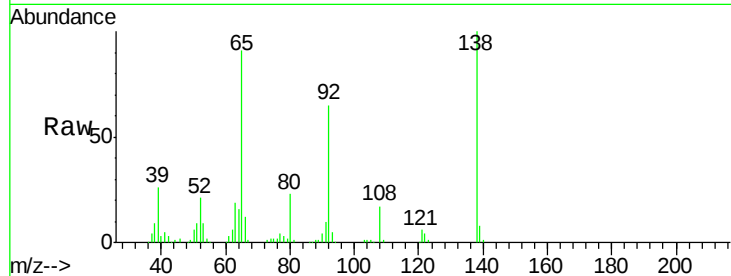
ClientSampleId :

PB106984BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.1	54.6	82.0
138	110.3	72.9	109.3

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#48

Acenaphthylene

Concen: 39.842 ng

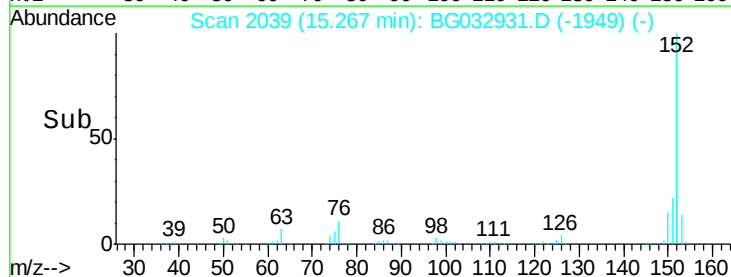
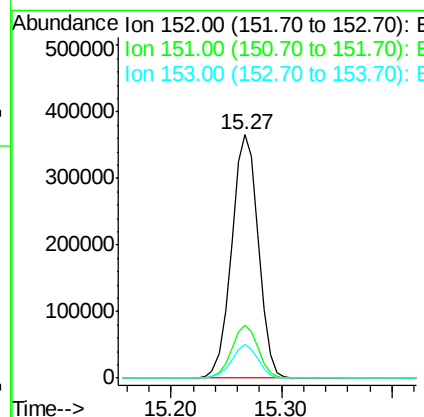
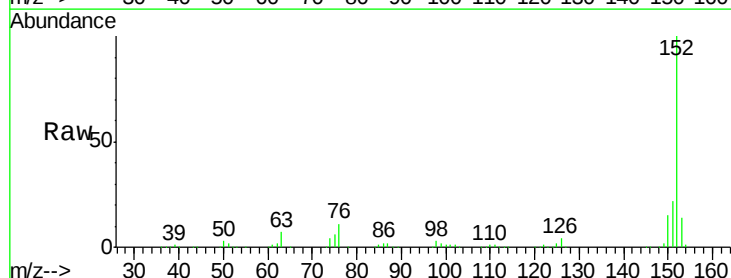
RT: 15.27 min Scan# 2039

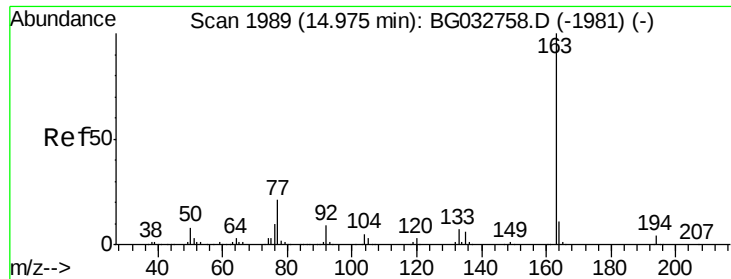
Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8
153	13.7	10.2	15.4





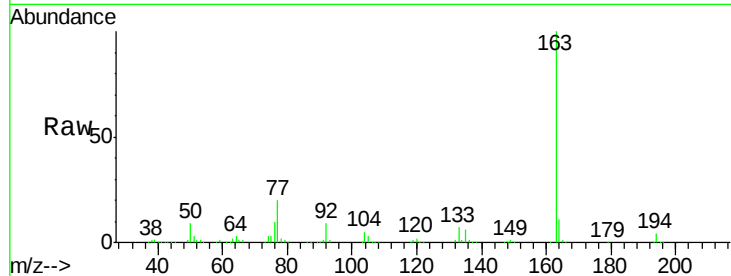
#49
Dimethylphthalate
Concen: 40.303 ng
RT: 14.96 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

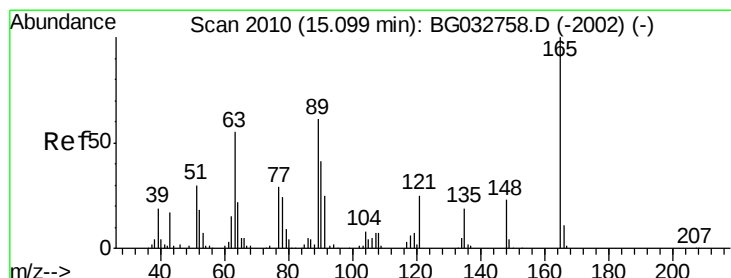
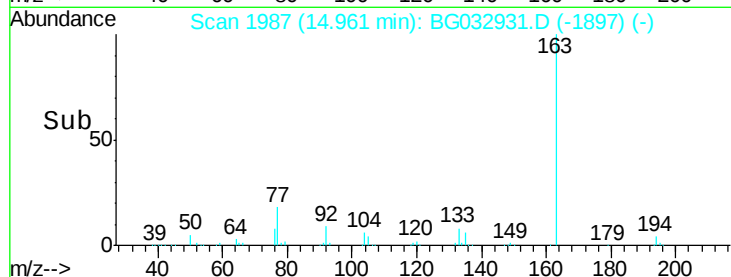
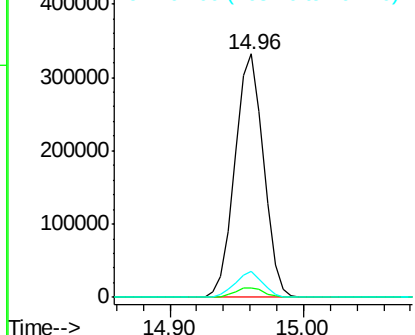
Tot Ion	Ratio	Resp	Lower	Upper
163	100	494116		
194	3.9		3.4	5.2
164	10.6		8.2	12.4

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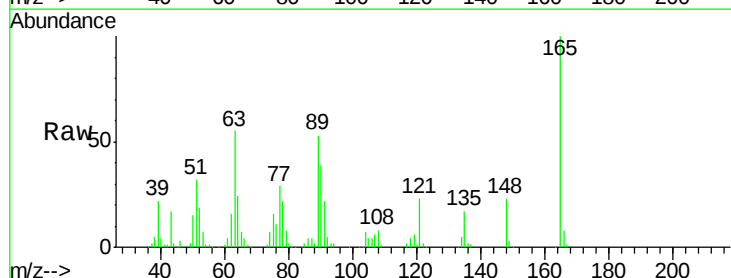


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

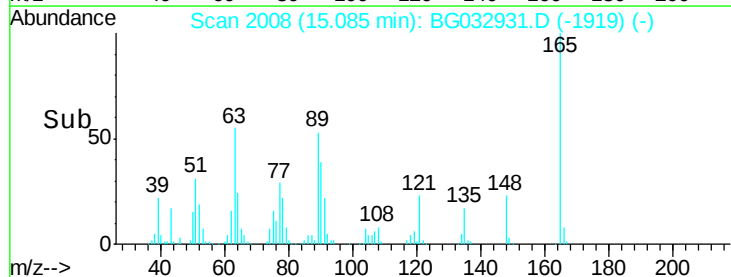
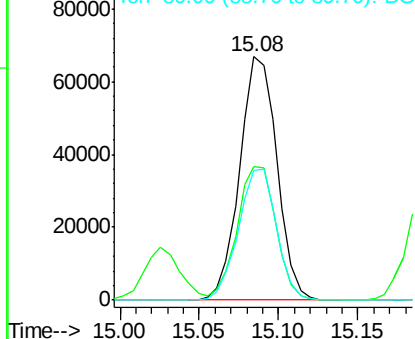


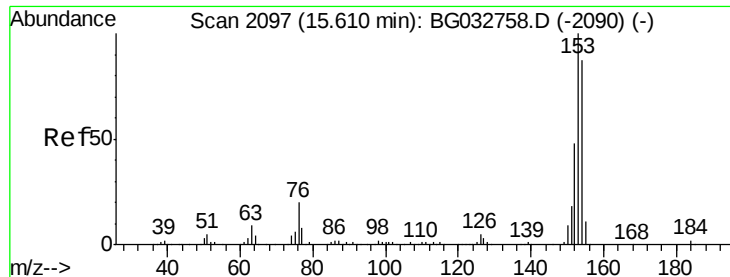
#50
2,6-Dinitrotoluene
Concen: 52.717 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109154		
63	54.7		52.7	79.1
89	53.2		49.2	73.8



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





#51

Acenaphthene

Concen: 38.806 ng

RT: 15.60 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB106984BSD

Tot Ion:154 Resp: 372940

Ion Ratio Lower Upper

154 100

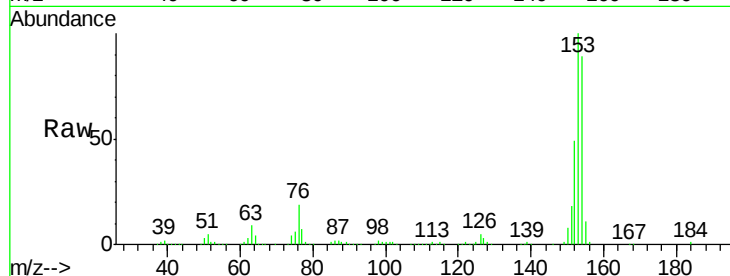
153 112.5 90.4 135.6

152 55.3 41.6 62.4

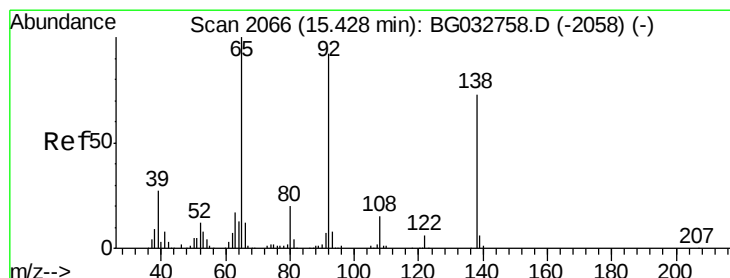
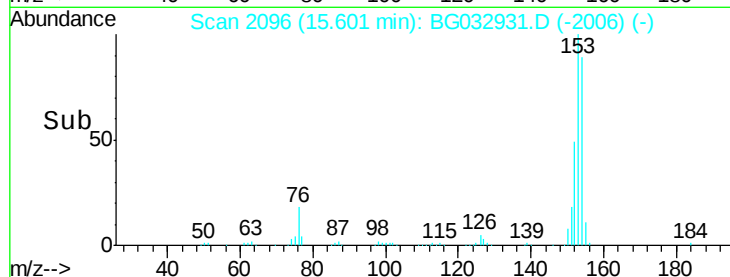
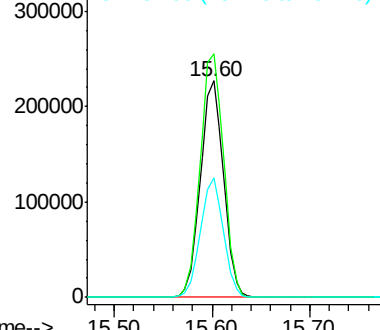
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.274 ng

RT: 15.42 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

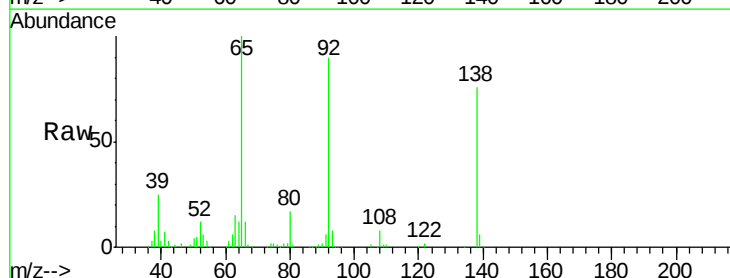
Tgt Ion:138 Resp: 94511

Ion Ratio Lower Upper

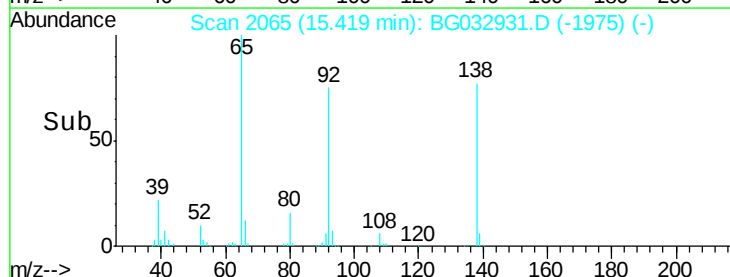
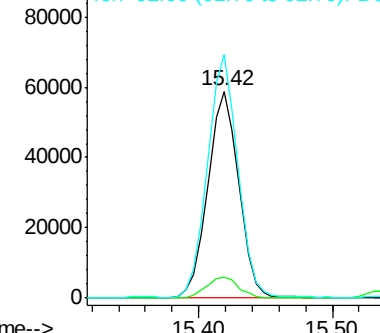
138 100

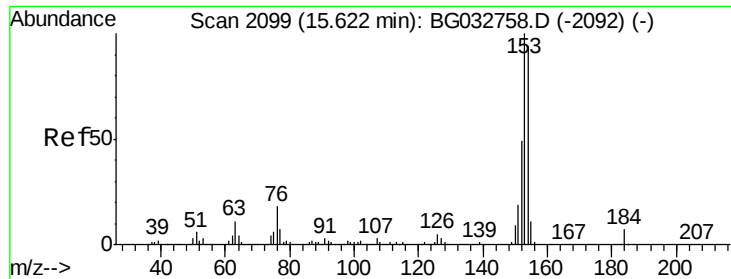
108 10.2 17.5 26.3#

92 117.8 105.8 158.8



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





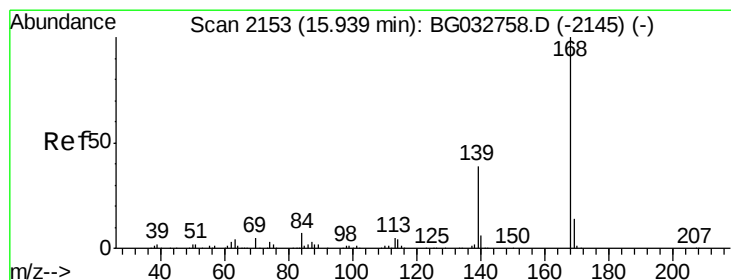
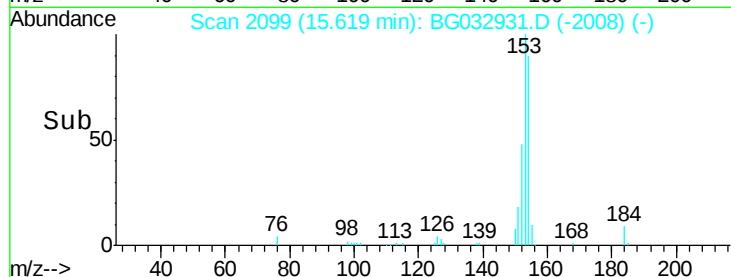
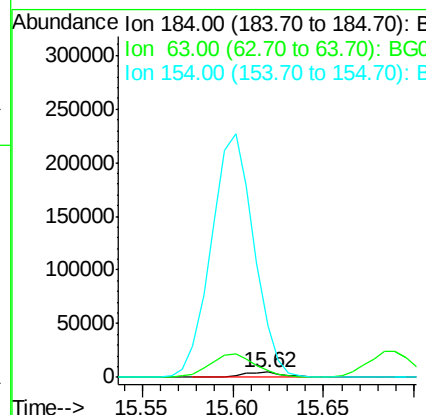
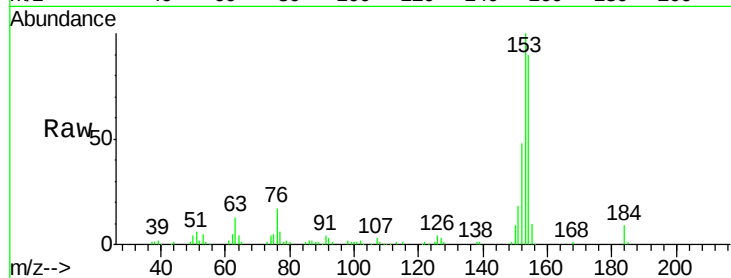
#53
2,4-Dinitrophenol
Concen: 19.771 ng
RT: 15.62 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	144.5	59.8	89.8
154	1032.5	101.8	152.8

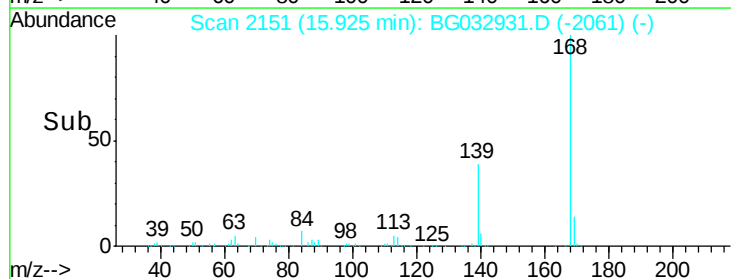
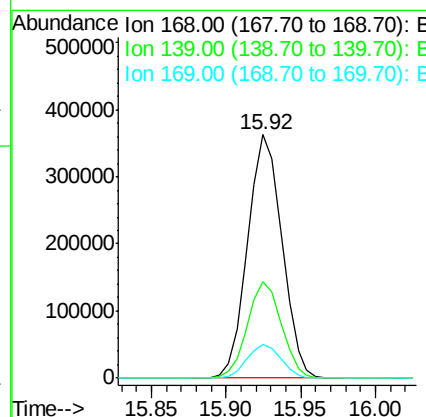
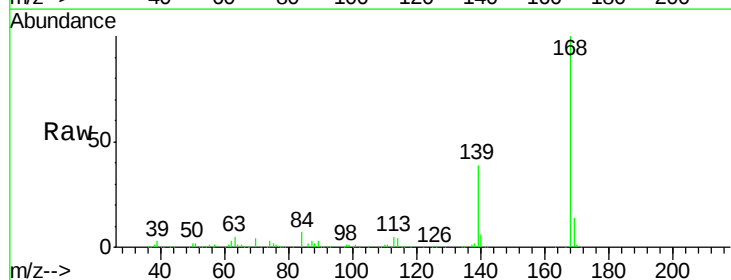
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#54
Dibenzofuran
Concen: 42.130 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	28.6	43.0
169	13.6	11.2	16.8





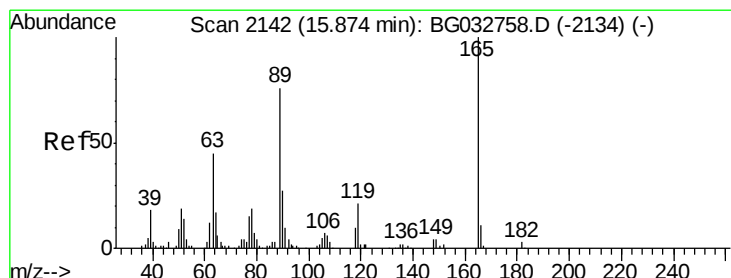
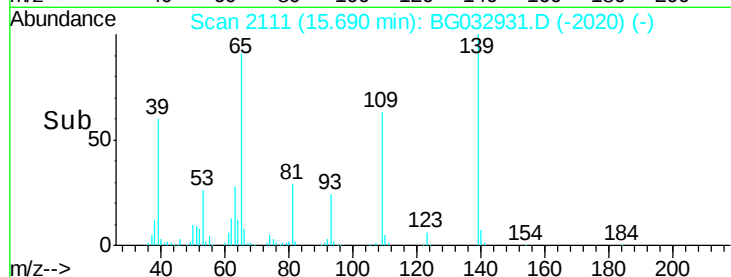
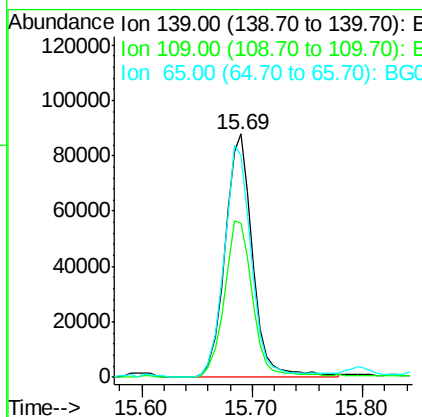
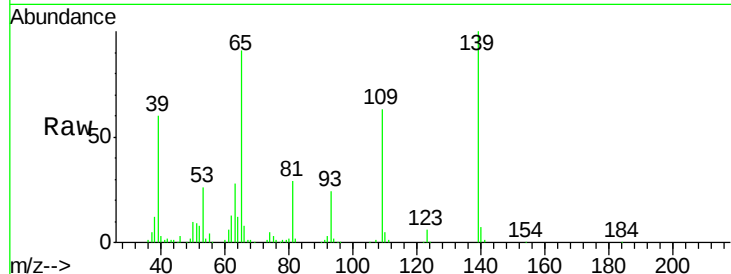
#55
4-Nitrophenol
Concen: 76.798 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.4	62.2	102.2	
65	90.9	97.2	137.2#	

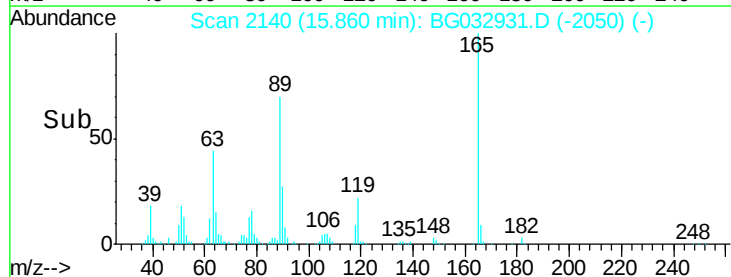
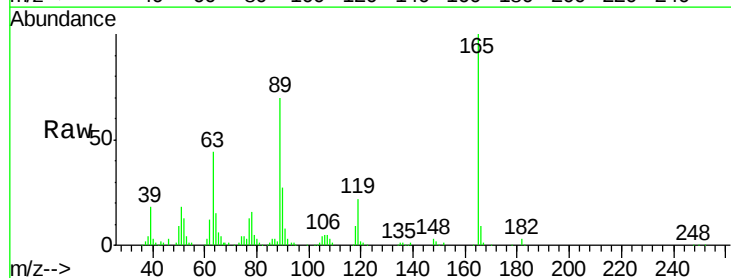
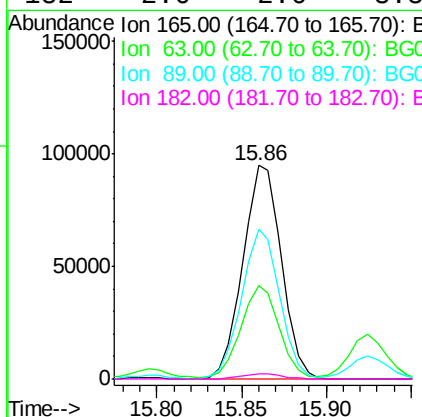
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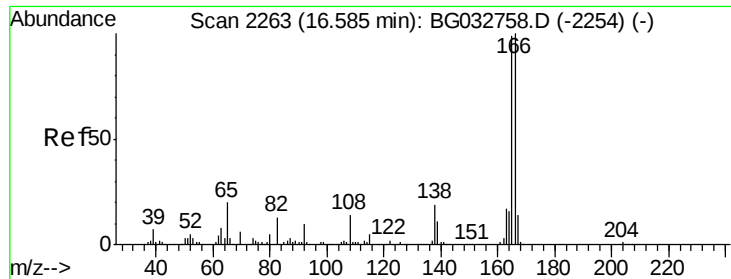
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#56
2,4-Dinitrotoluene
Concen: 59.387 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	42.0	63.0	
89	70.1	66.9	100.3	
182	2.6	2.6	3.8	





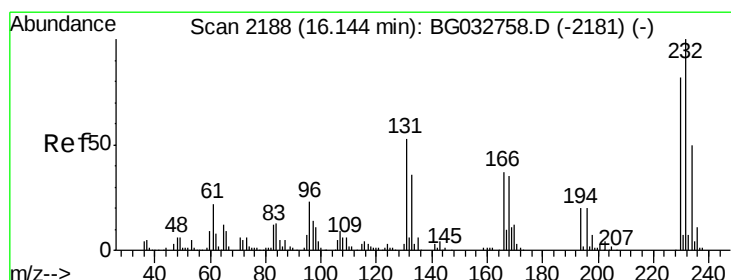
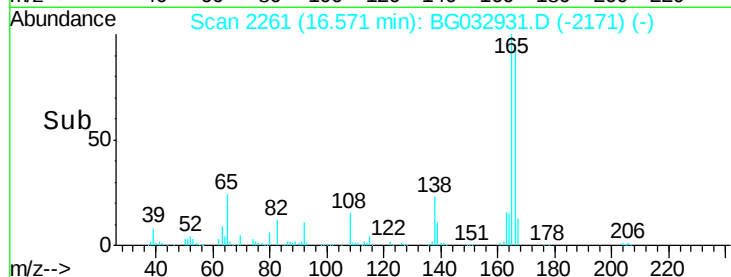
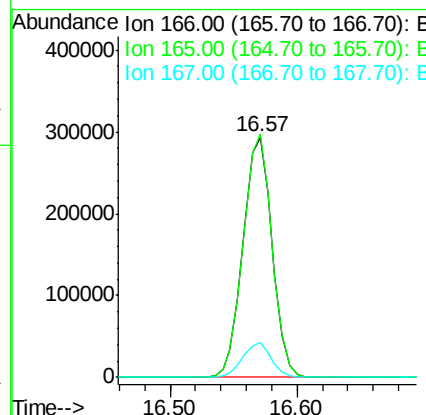
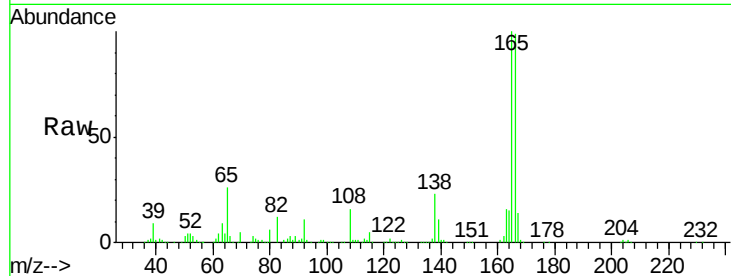
#57
 Fluorene
 Concen: 41.081 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	463975		
165	101.3	80.6	121.0	
167	14.6	10.4	15.6	

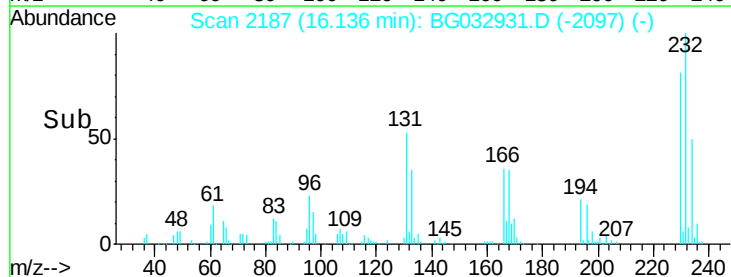
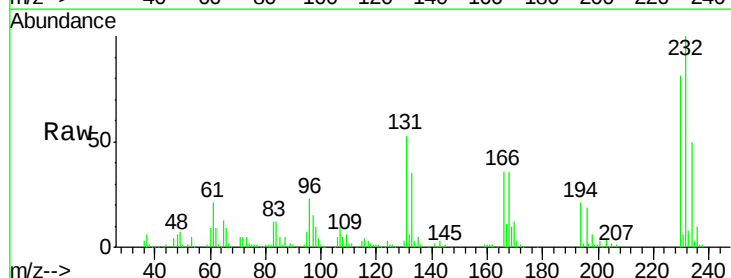
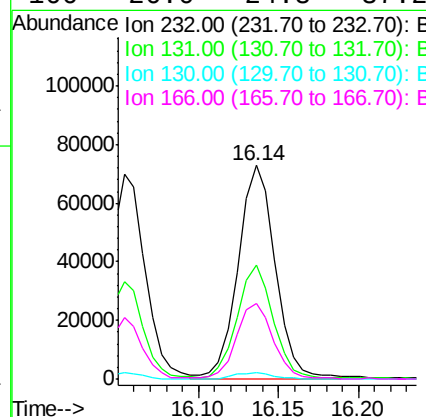
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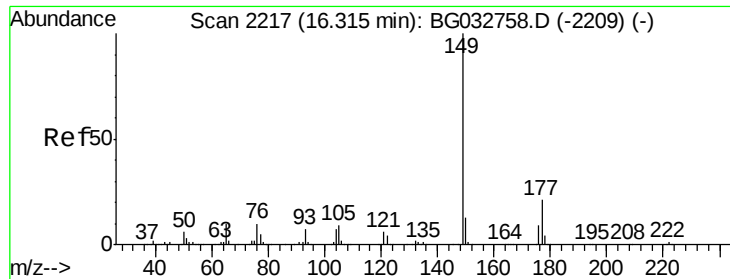
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.648 ng m
 RT: 16.14 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	118165		
131	43.4	33.5	50.3	
130	2.7	2.2	3.2	
166	26.0	24.8	37.2	





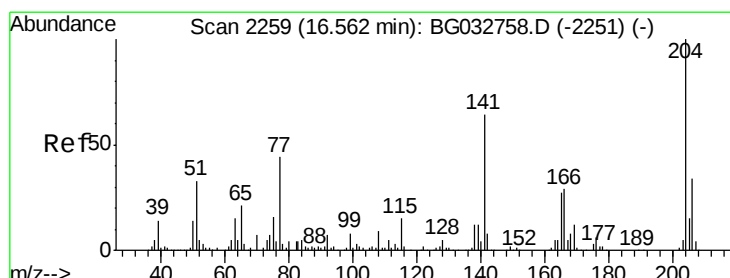
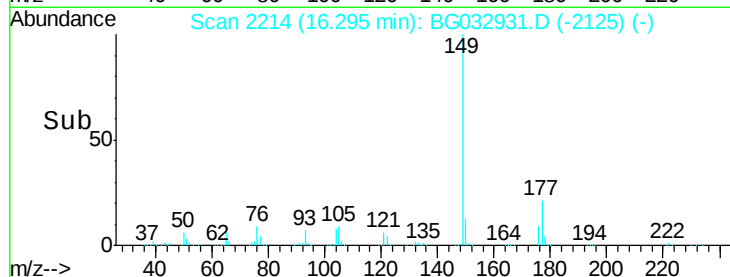
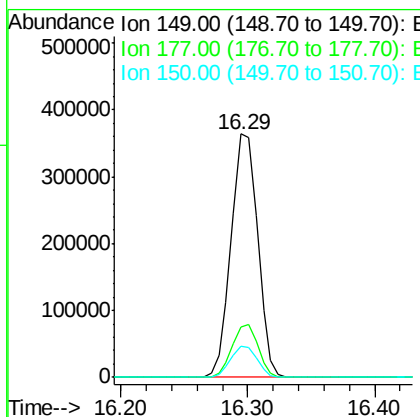
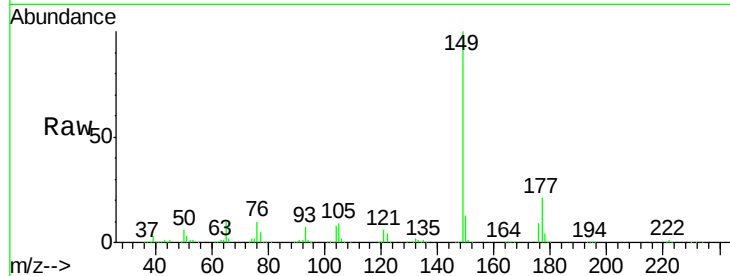
#59
Diethylphthalate
Concen: 40.778 ng
RT: 16.29 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	527310		
177	20.8	18.5	27.7	
150	12.9	10.2	15.2	

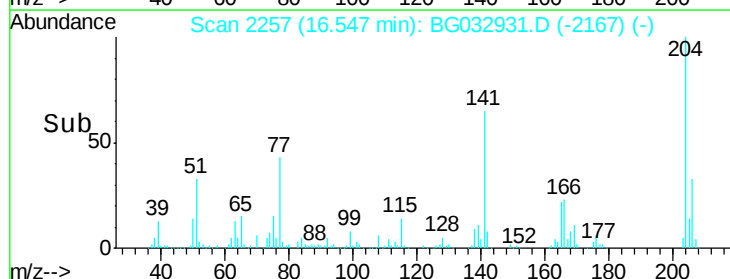
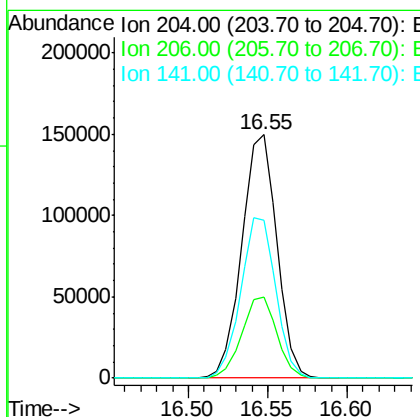
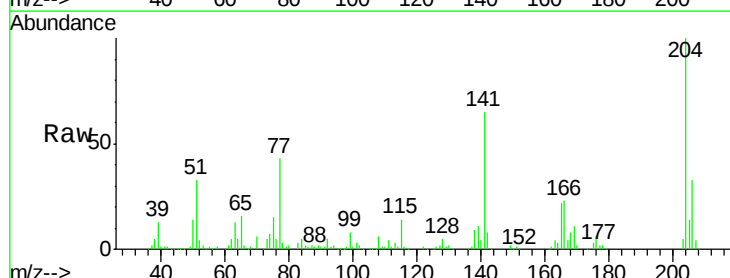
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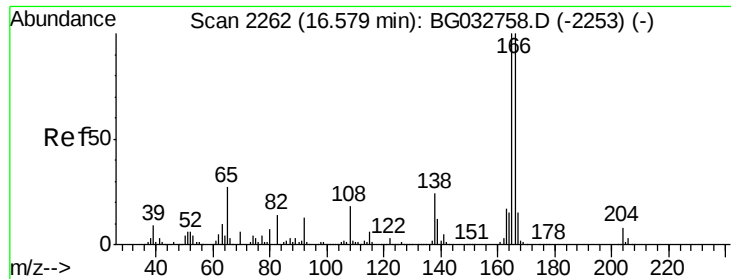
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#60
4-Chlorophenyl-phenylether
Concen: 41.492 ng
RT: 16.55 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	229242		
206	33.3	26.2	39.2	
141	64.8	45.8	68.6	





#61

4-Nitroaniline

Concen: 45.309 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB106984BSD

Tot Ion:138 Resp: 119369

Ion Ratio Lower Upper

138 100

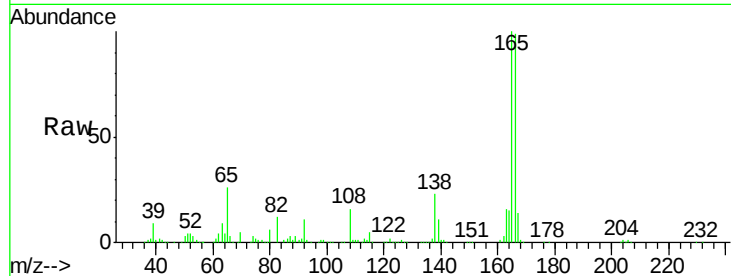
92 48.0 40.1 80.1

108 69.8 65.4 105.4

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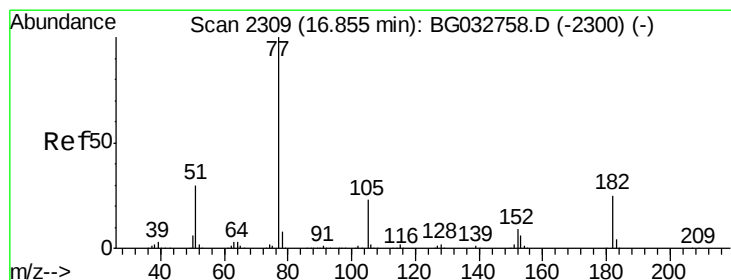
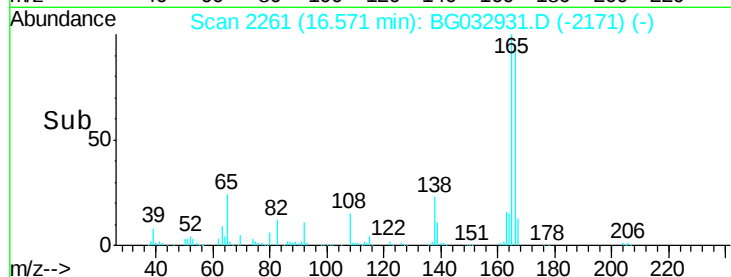
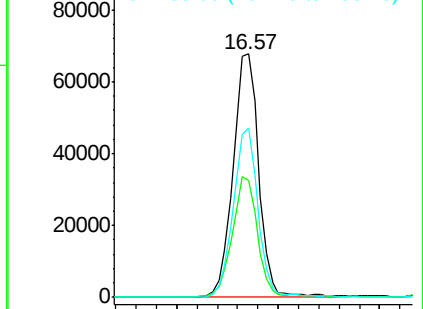
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.746 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tgt Ion: 77 Resp: 482933

Ion Ratio Lower Upper

77 100

182 25.0 7.4 47.4

105 22.3 0.3 40.3

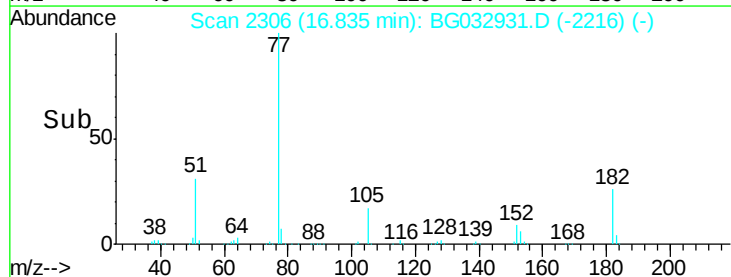
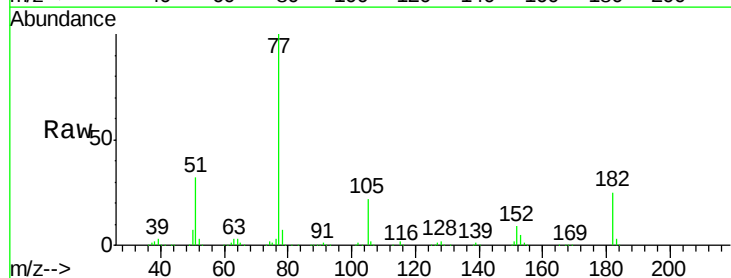
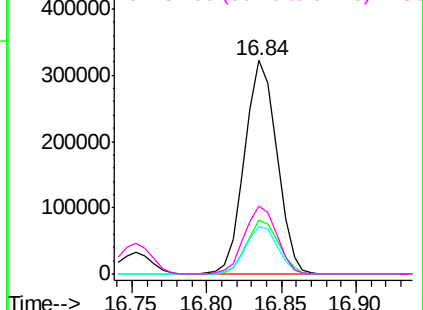
51 31.8 11.6 51.6

Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

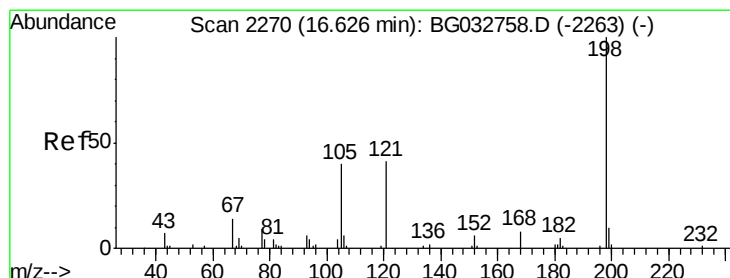
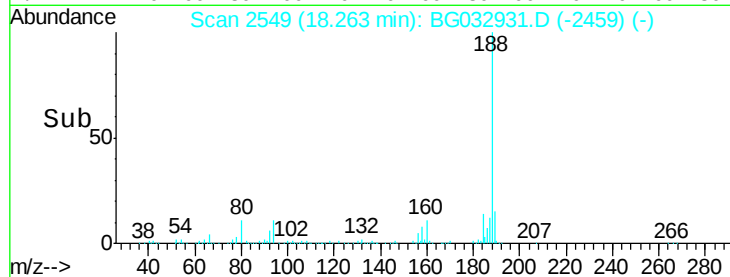
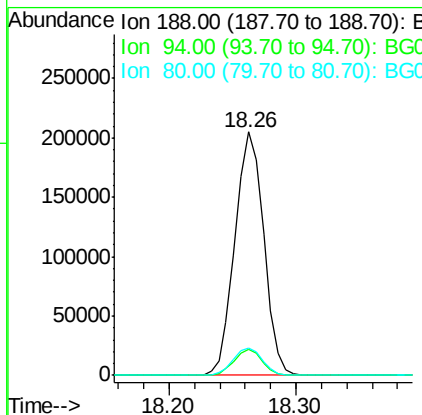
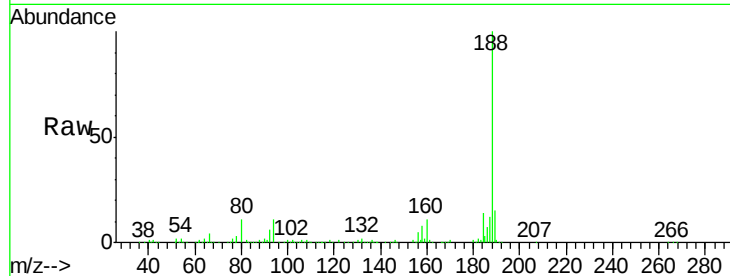
ClientSampleId :

PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	322853		
94	10.5	6.9	10.3	
80	11.3	7.7	11.5	

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#64

4,6-Dinitro-2-methylphenol

Concen: 24.062 ng

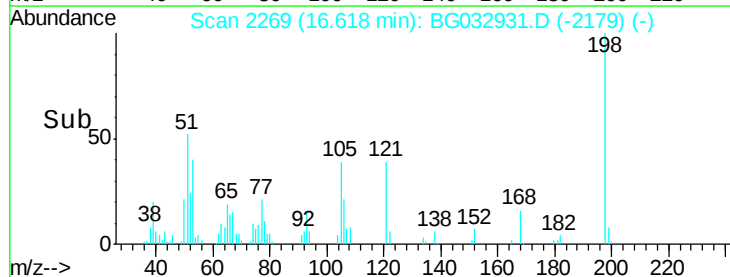
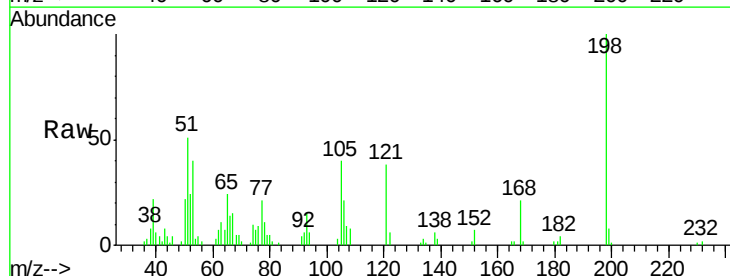
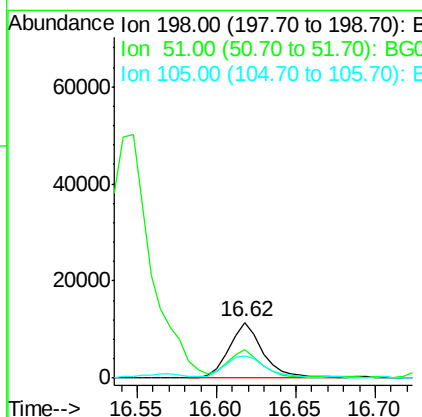
RT: 16.62 min Scan# 2269

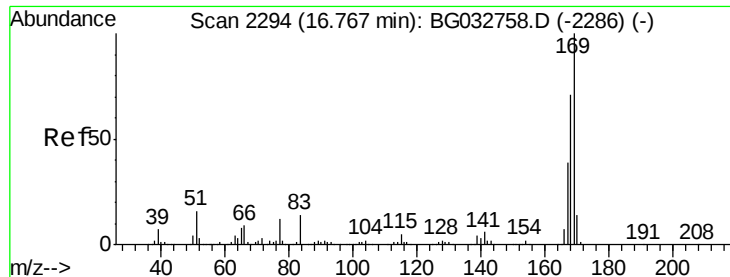
Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	16880		
51	50.7	30.6	70.6	
105	39.7	23.8	63.8	





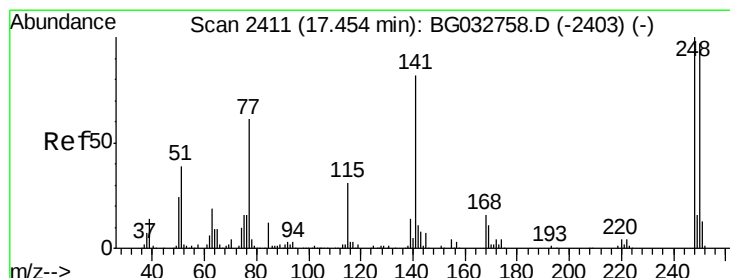
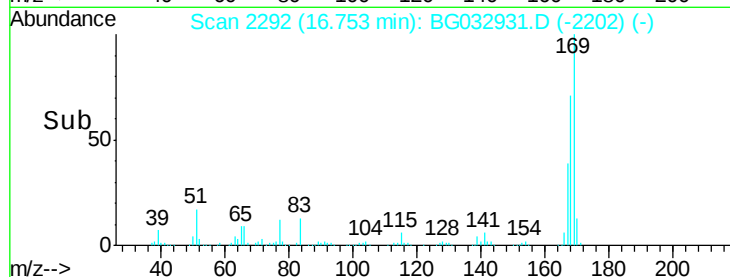
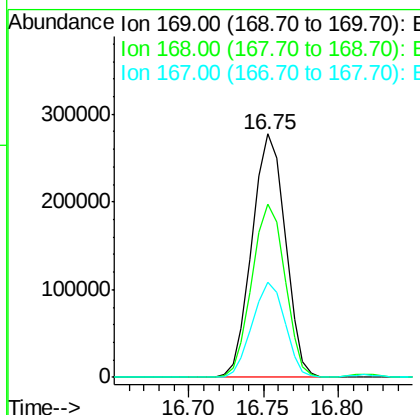
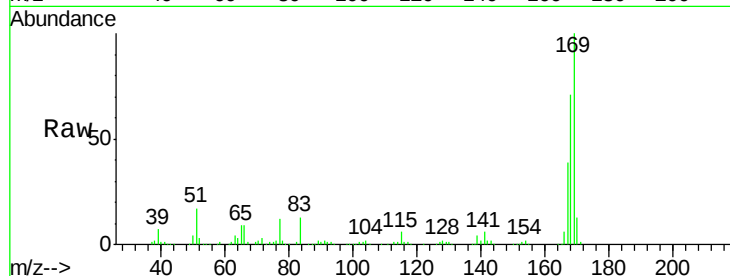
#65
 n-Nitrosodiphenylamine
 Concen: 40.757 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	38.9	30.1	45.1

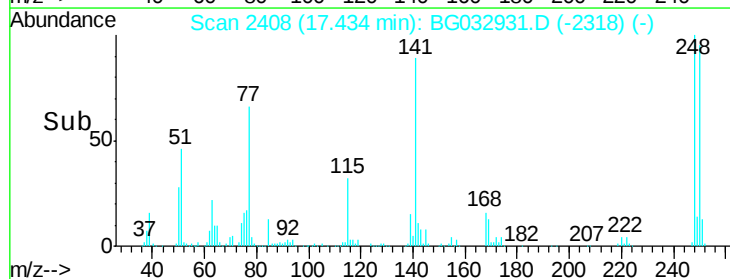
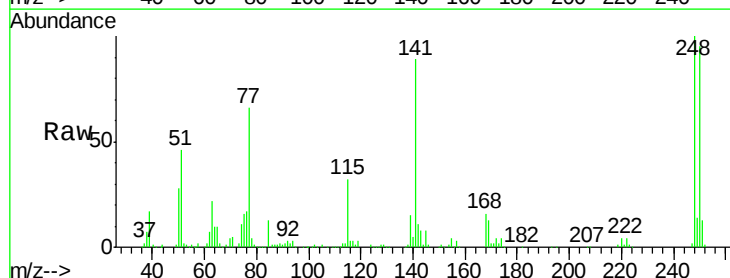
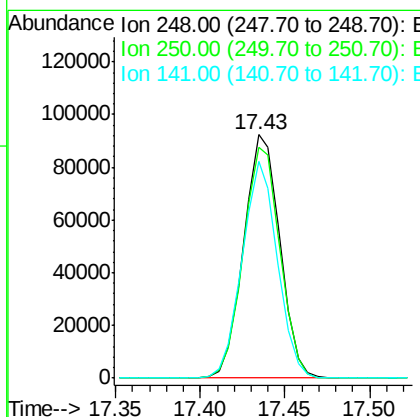
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 40.229 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	77.1	115.7
141	88.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 38.541 ng

RT: 17.56 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Instrument :

BNA_G

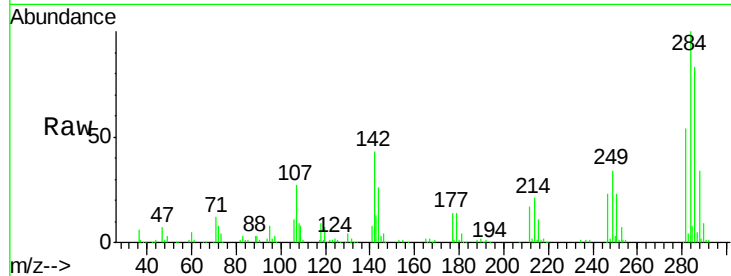
ClientSampleId :

PB106984BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	142184		
142	42.9	26.8	40.2	#
249	34.1	26.3	39.5	

Manual Integrations
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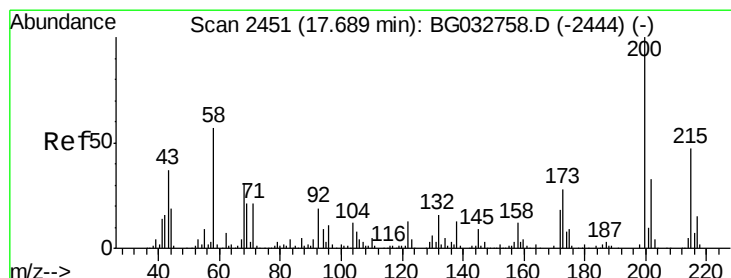
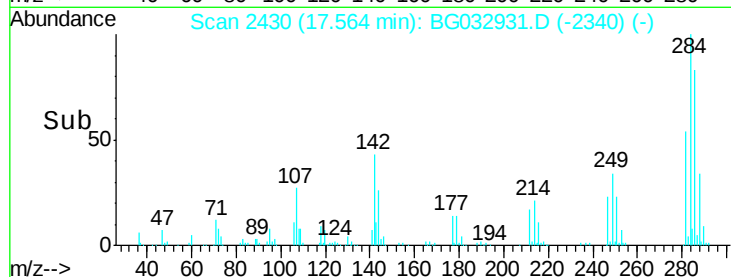
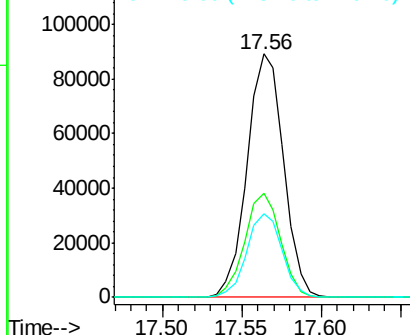
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.447 ng

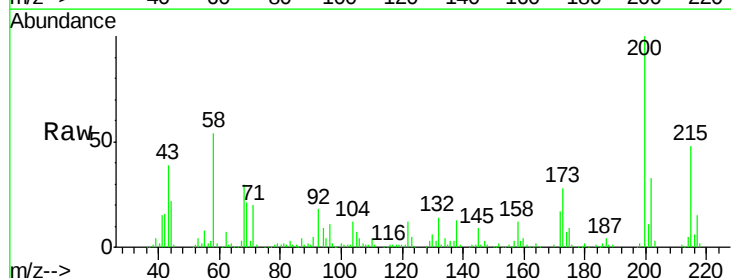
RT: 17.68 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

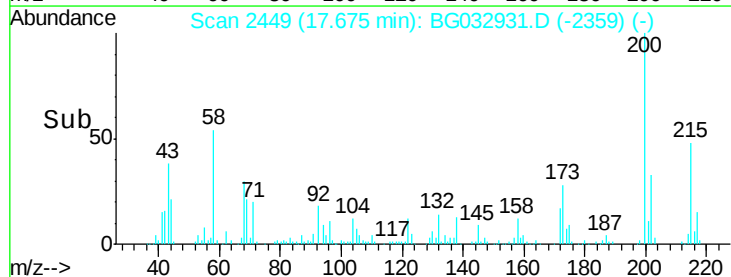
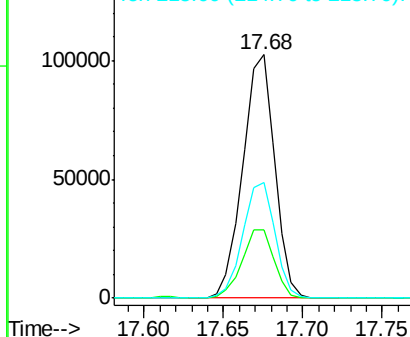
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	143288		
173	27.9	5.2	45.2	
215	47.6	30.4	70.4	

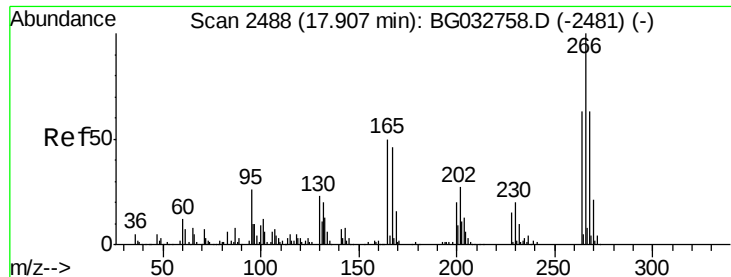


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





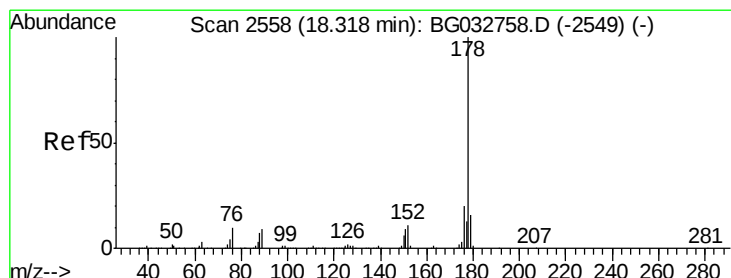
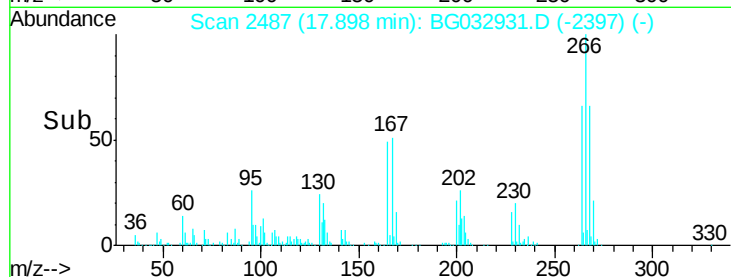
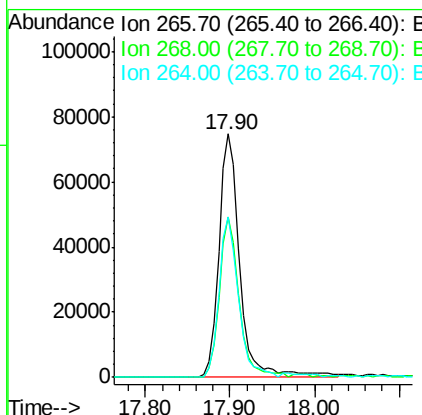
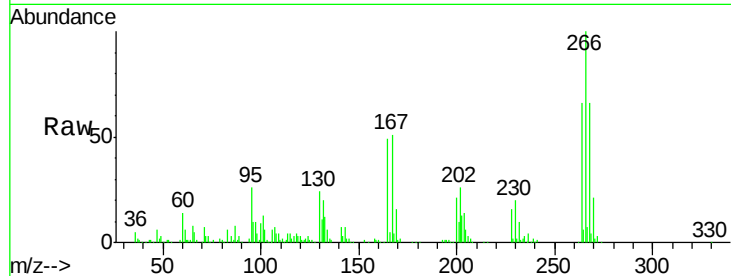
#69
 Pentachlorophenol
 Concen: 55.575 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	66.0	49.6	74.4

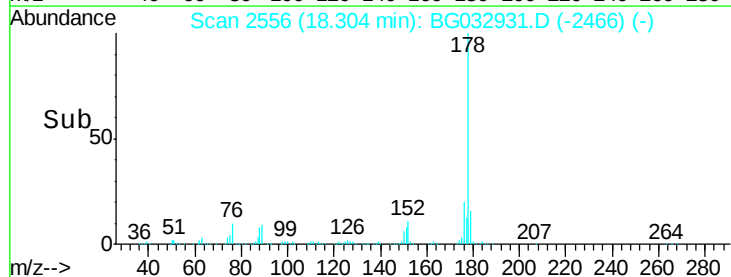
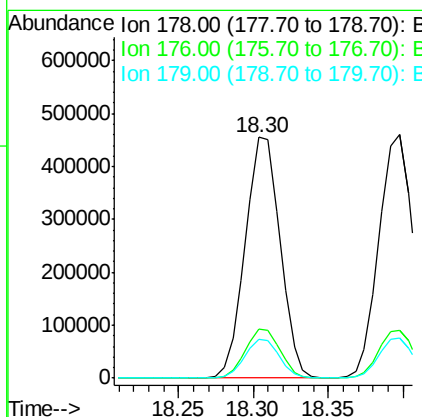
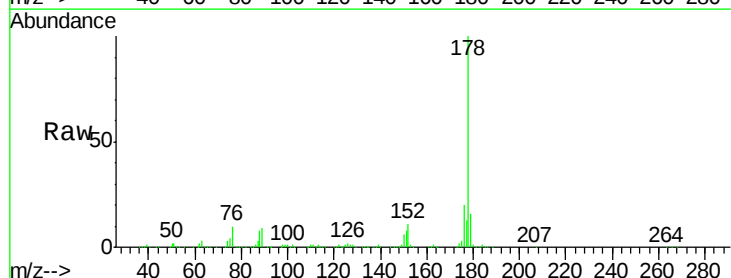
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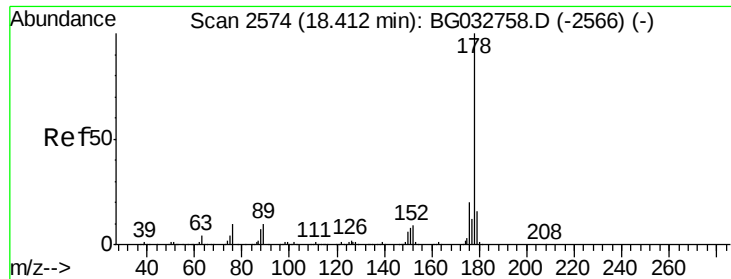
Sohil
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#70
 Phenanthrene
 Concen: 40.821 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.2	12.5	18.7





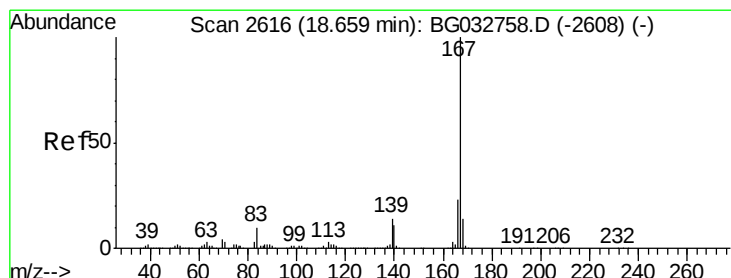
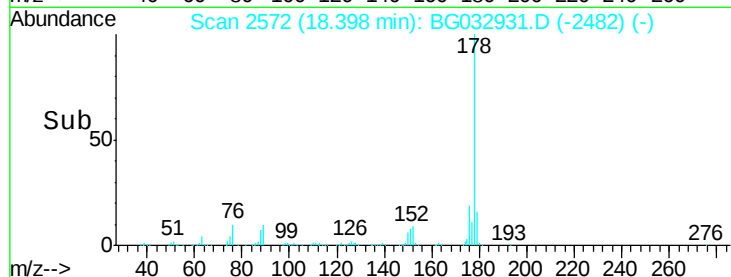
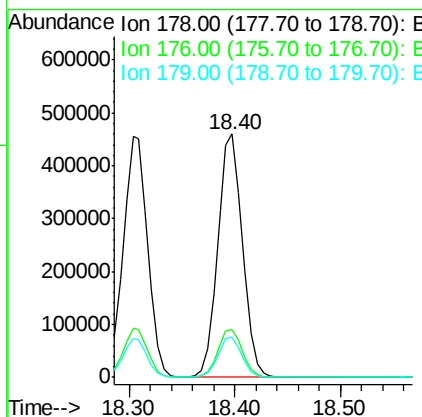
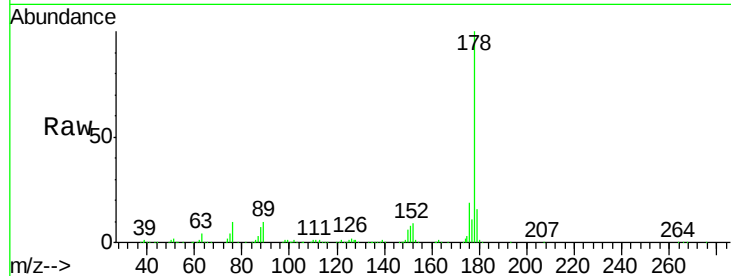
#71
 Anthracene
 Concen: 41.198 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.2	12.5	18.7

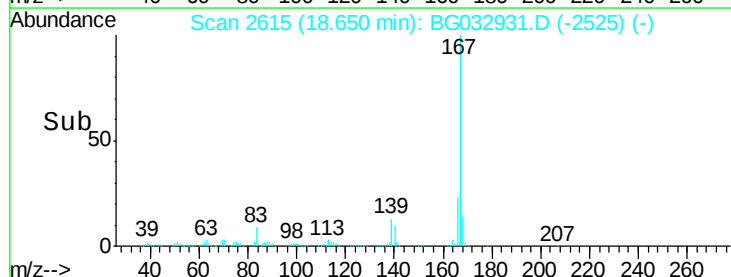
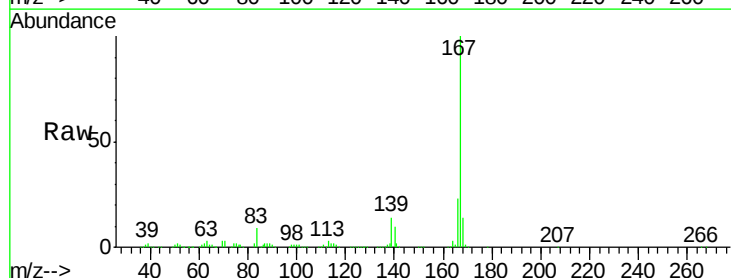
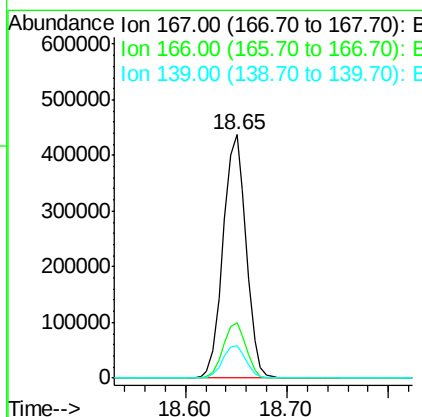
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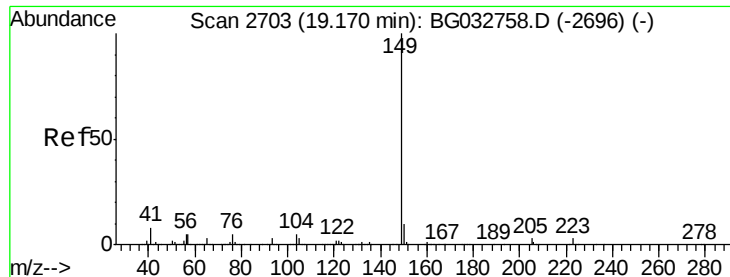
Sohil
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#72
 Carbazole
 Concen: 38.631 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.5	9.4	14.2





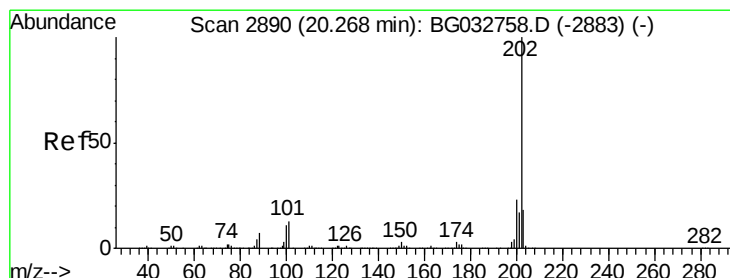
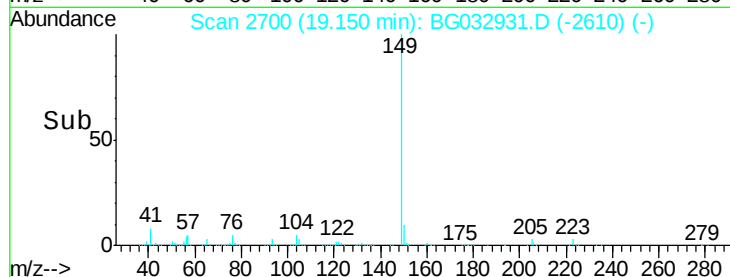
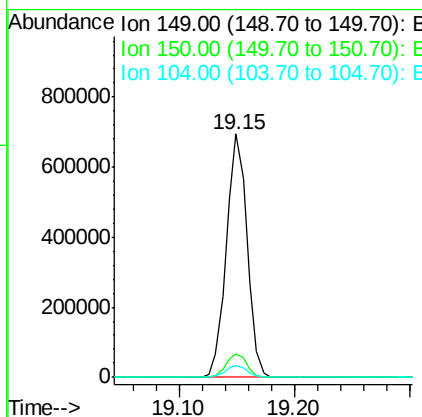
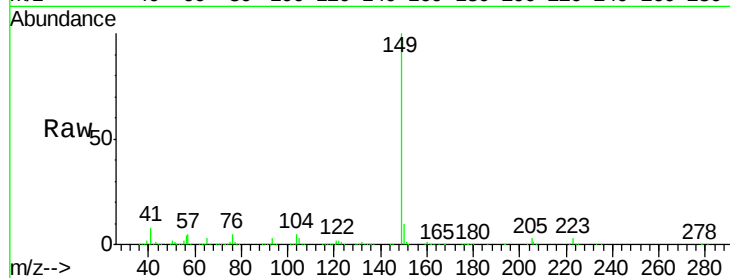
#73
Di-n-butylphthalate
Concen: 39.452 ng
RT: 19.15 min Scan# 2700
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.0	3.9	5.9

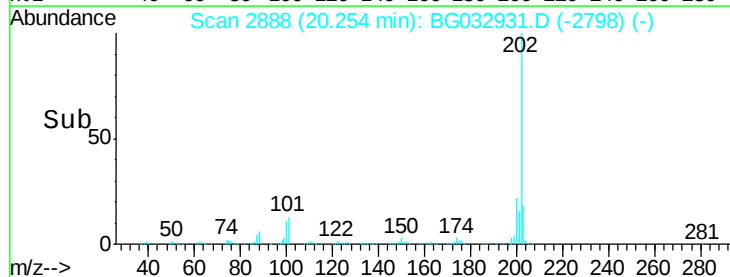
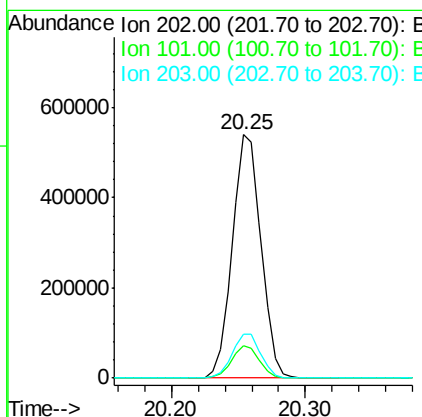
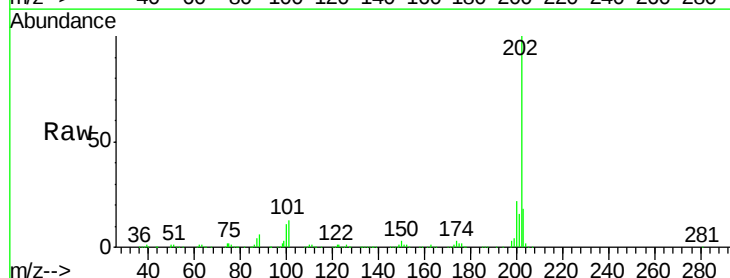
Manual Integrations
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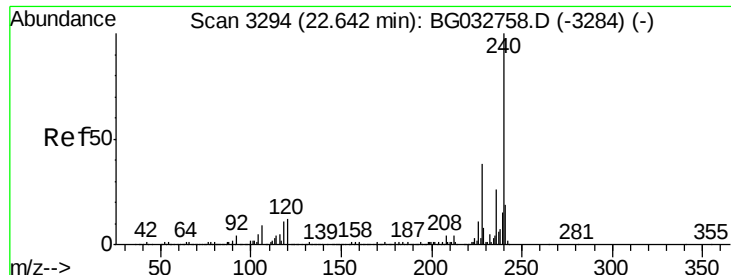
Sohil
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#74
Fluoranthene
Concen: 40.417 ng
RT: 20.25 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	28.9
203	18.3	0.0	37.5





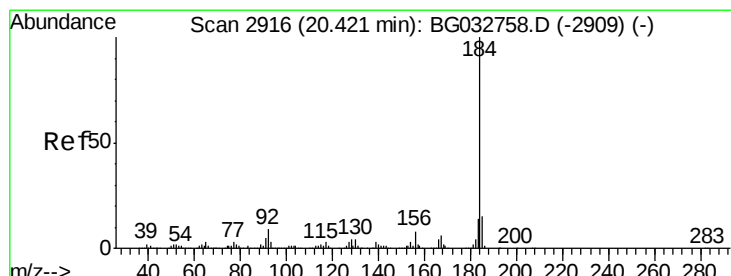
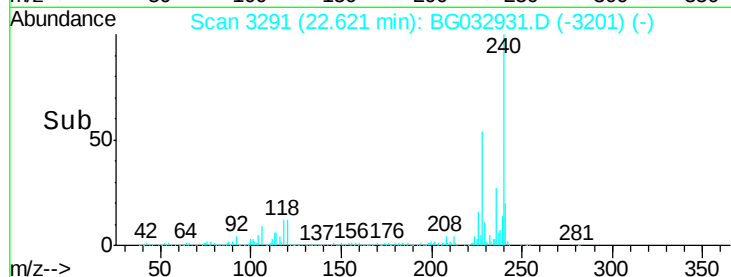
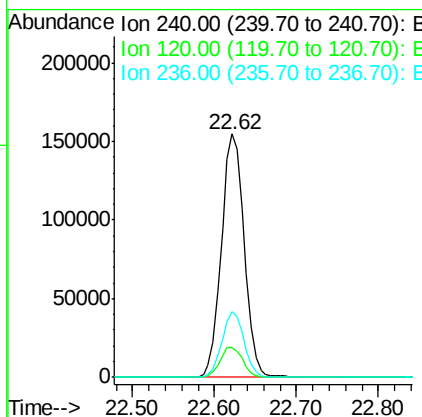
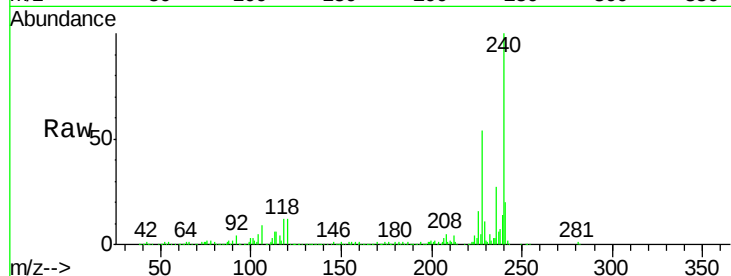
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	6.8	10.2#
236	26.9	20.9	31.3

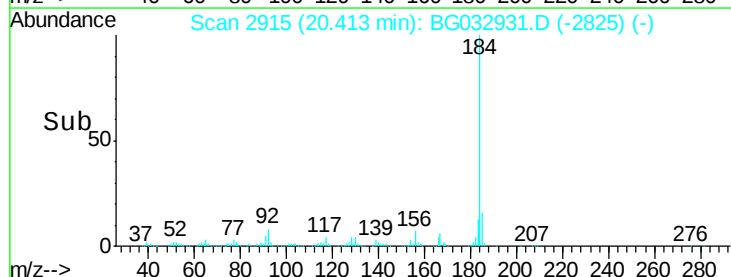
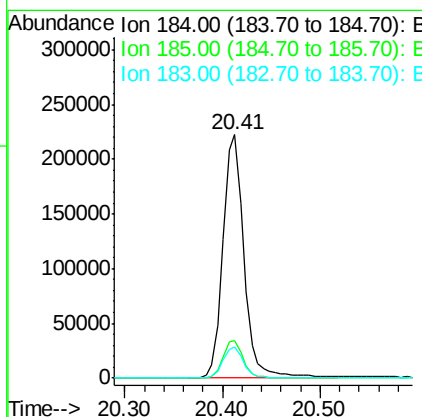
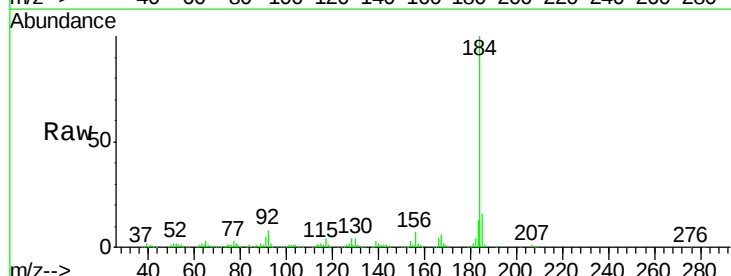
Manual Integrations
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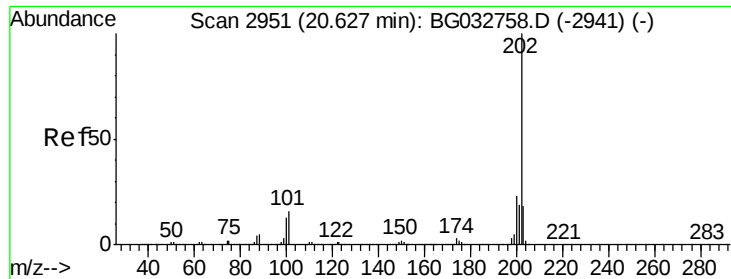
Sohil
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#76
 Benzidine
 Concen: 32.693 ng
 RT: 20.41 min Scan# 2915
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	12.6	10.6	16.0





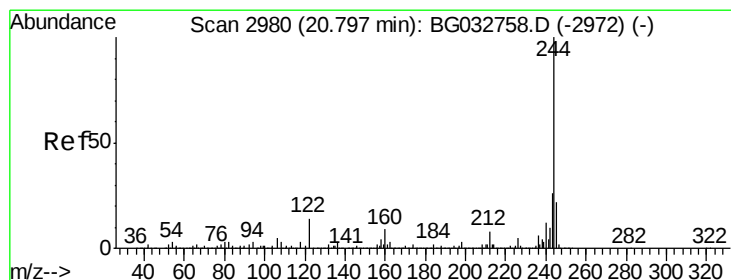
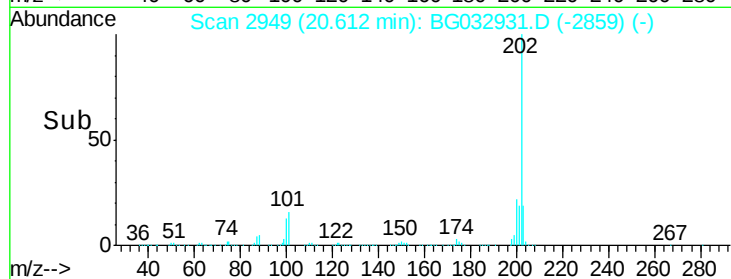
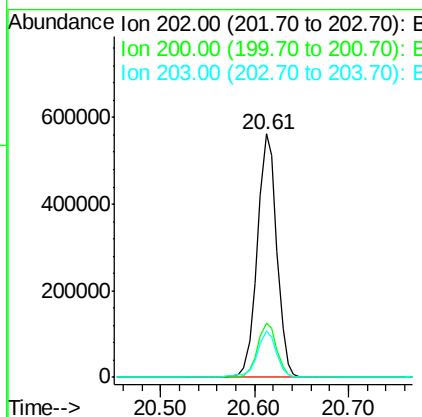
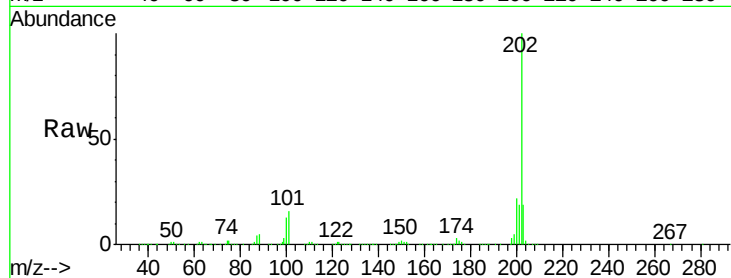
#77
Pvrene
Concen: 37.952 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	16.9	25.3
203	19.1	13.9	20.9

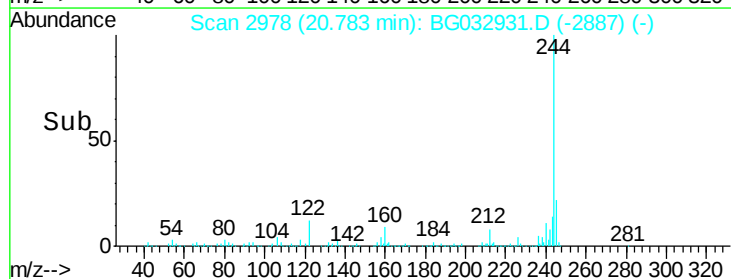
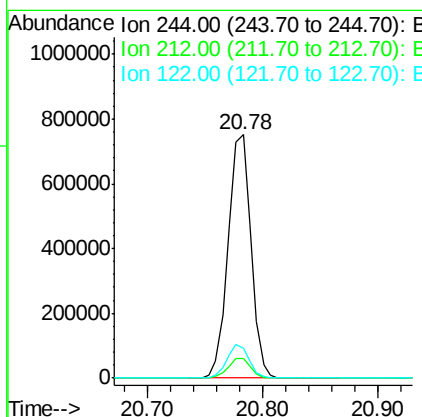
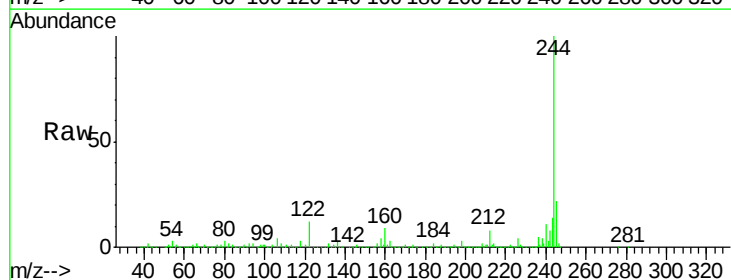
Manual Integrations
APPROVED

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#78
Terphenyl-d14
Concen: 77.105 ng
RT: 20.78 min Scan# 2978
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	5.8	8.8
122	12.5	7.0	10.4#





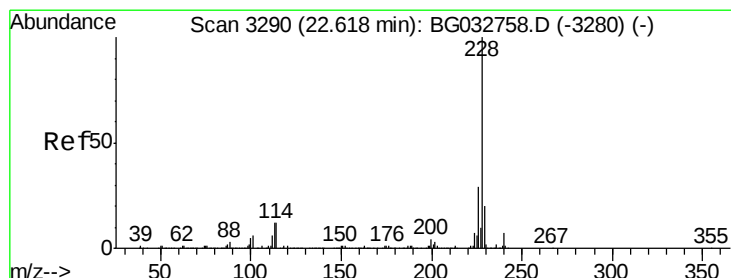
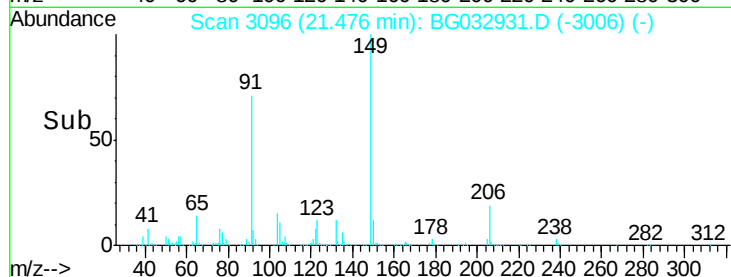
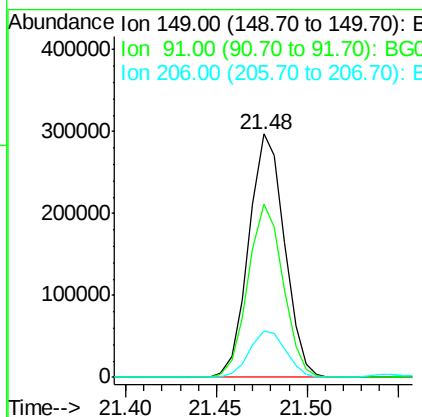
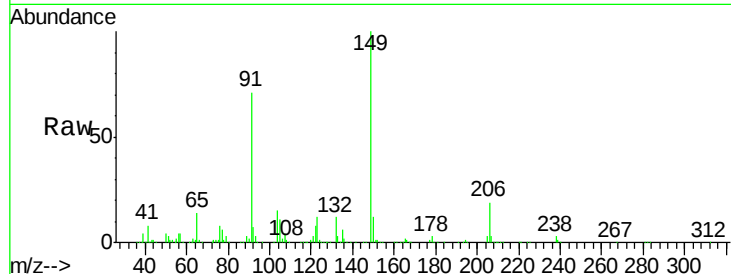
#79
Butylbenzylphthalate
Concen: 43.202 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	62.2	93.2
206	19.2	18.6	27.8

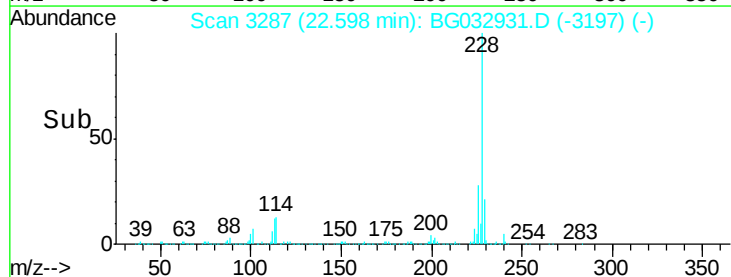
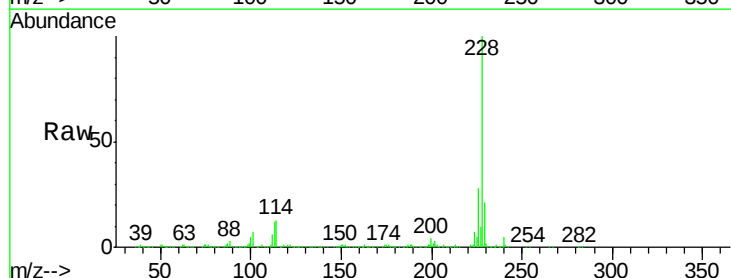
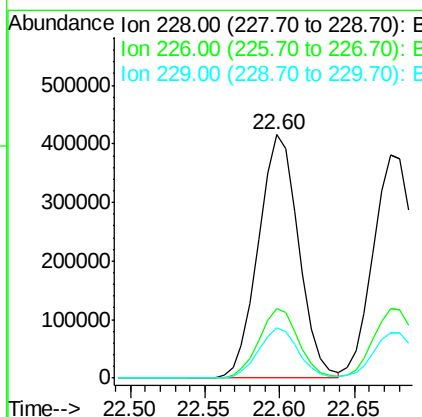
Manual Integrations
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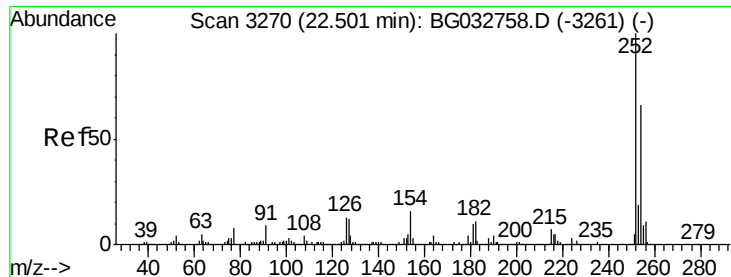
Sohil
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#80
Benzo(a)anthracene
Concen: 40.318 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	20.6	16.2	24.2





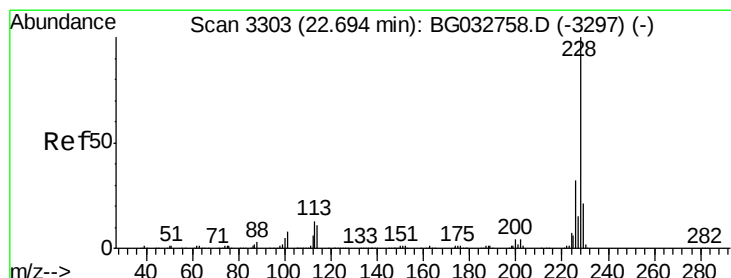
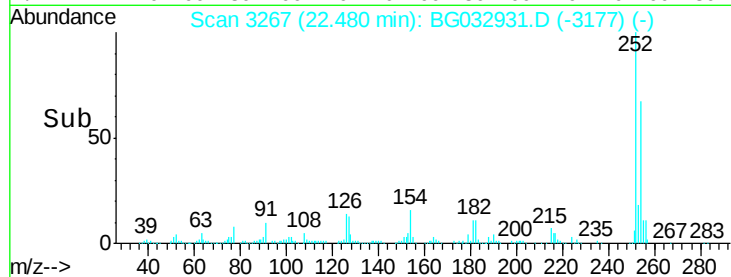
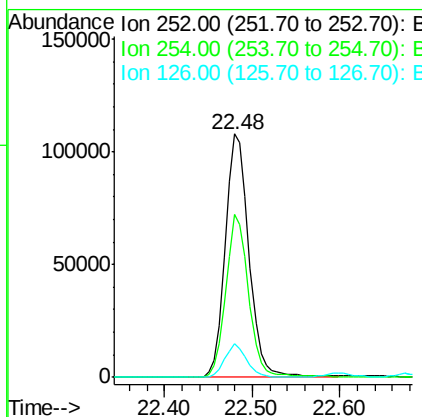
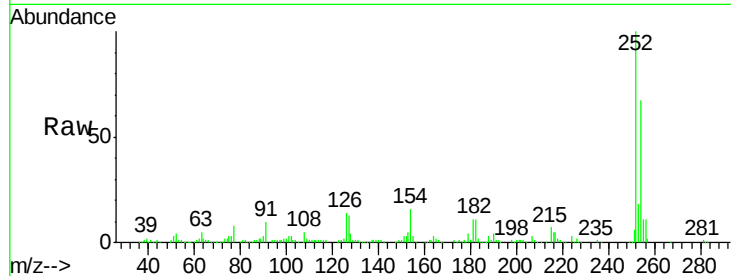
#81
 3,3'-Dichlorobenzidine
 Concen: 28.211 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampled :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.2	50.8	76.2
126	13.7	7.4	11.2

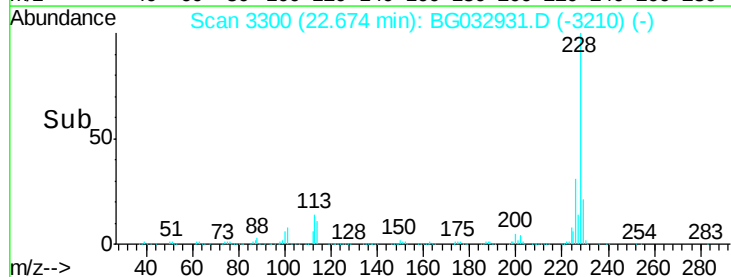
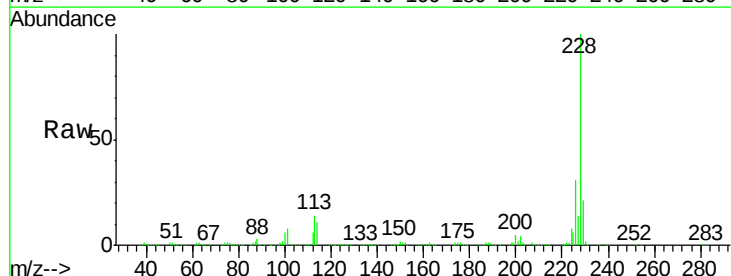
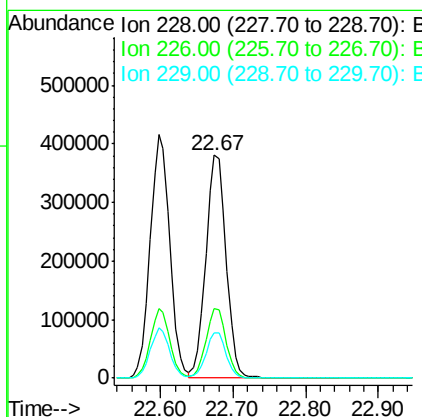
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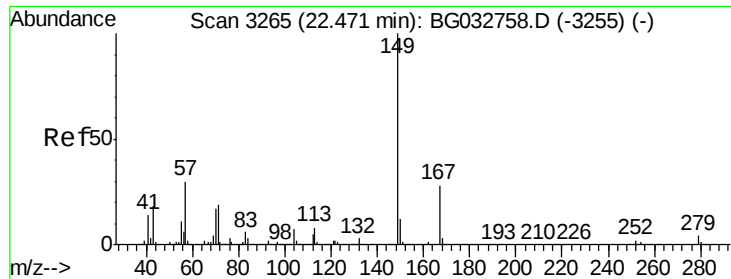
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#82
 Chrysene
 Concen: 39.972 ng
 RT: 22.67 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.5	15.0	22.4





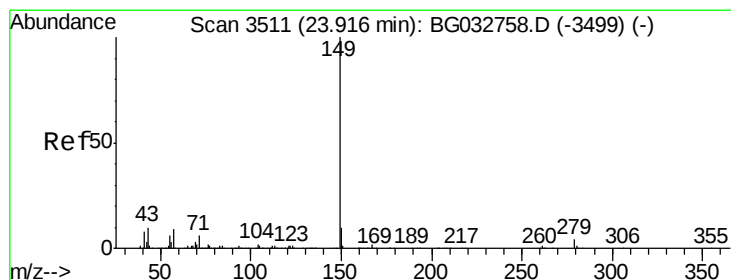
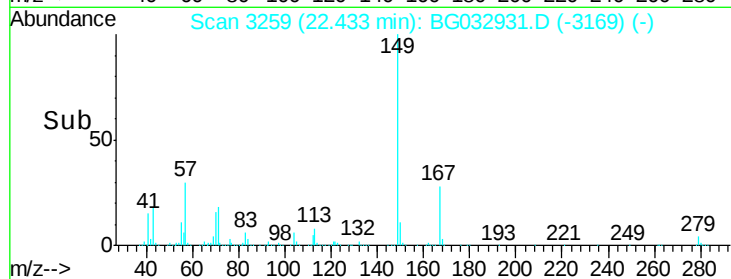
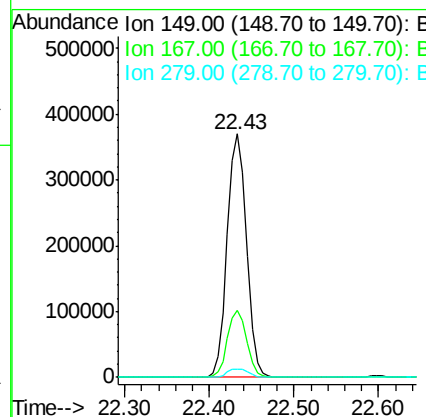
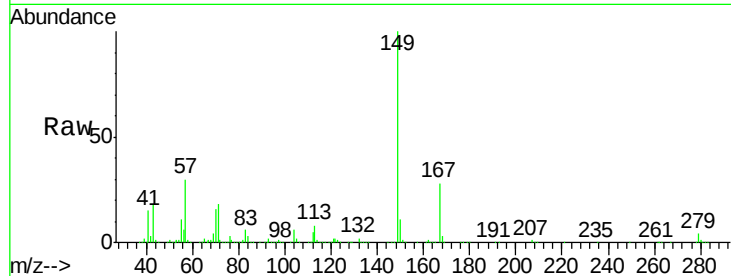
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.131 ng
 RT: 22.43 min Scan# 3259
 Delta R.T. 0.00 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB106984BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	24.3	36.5
279	3.5	4.0	6.0

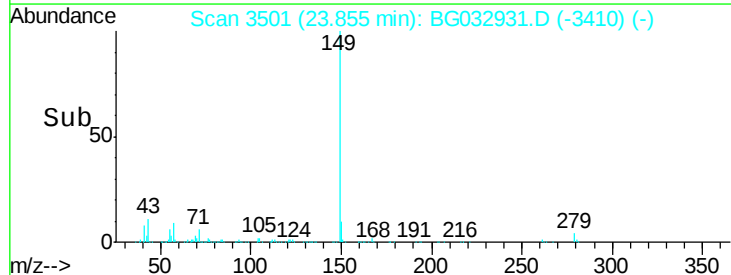
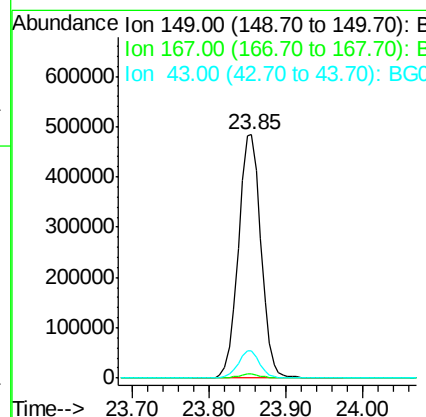
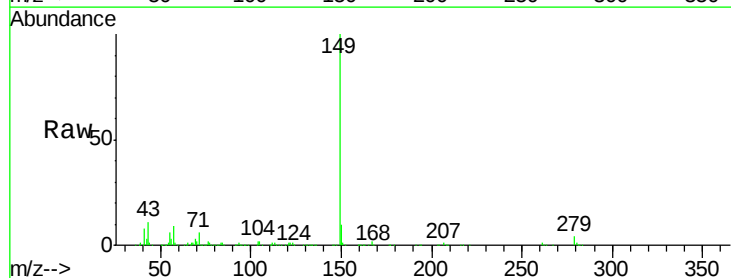
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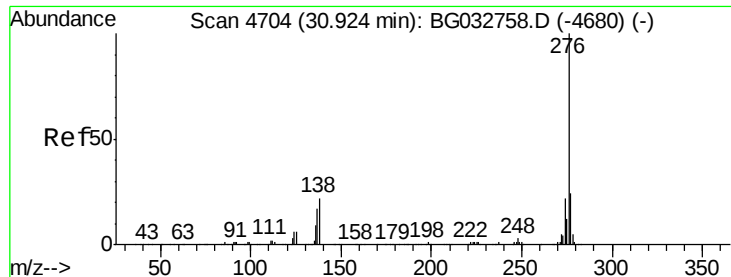
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#84
 Di-n-octyl phthalate
 Concen: 46.947 ng
 RT: 23.85 min Scan# 3501
 Delta R.T. 0.01 min
 Lab File: BG032931.D
 Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.8	8.9	13.3





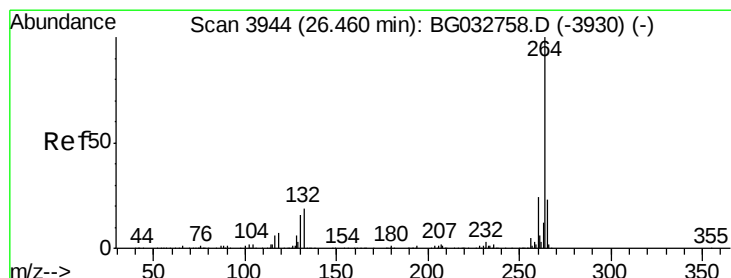
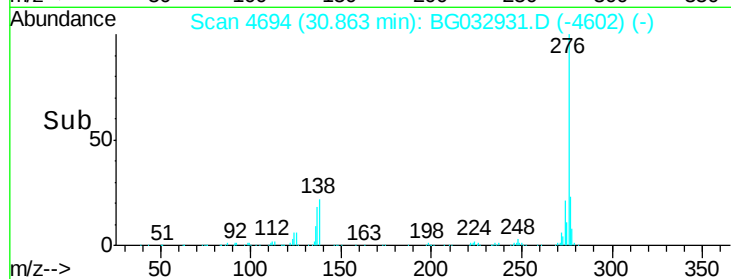
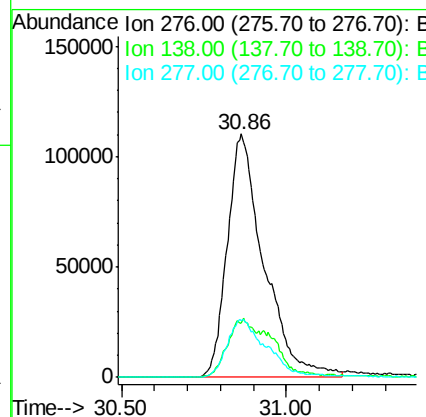
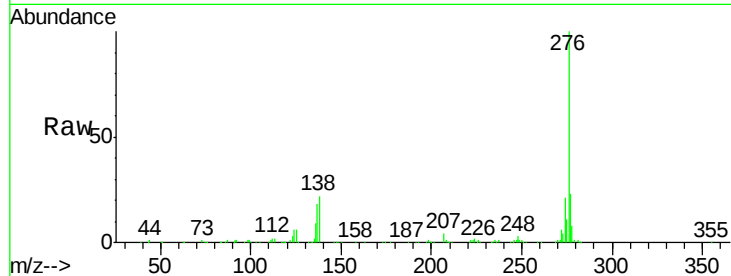
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.718 ng
RT: 30.86 min Scan# 4694
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.0	24.0
277	25.9	20.0	30.0

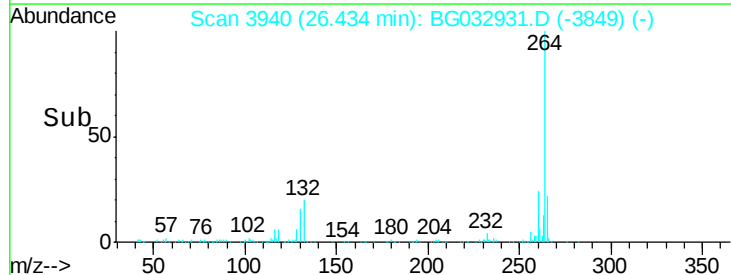
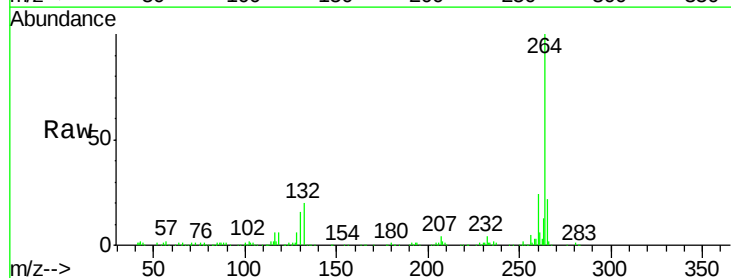
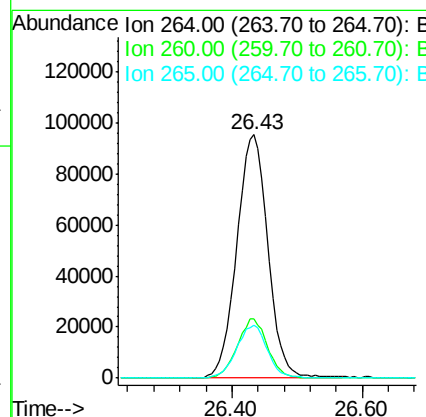
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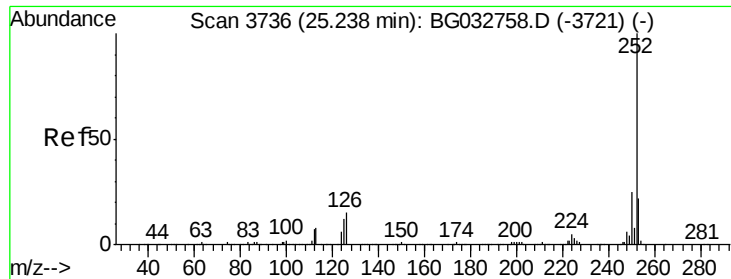
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.7	17.7	26.5





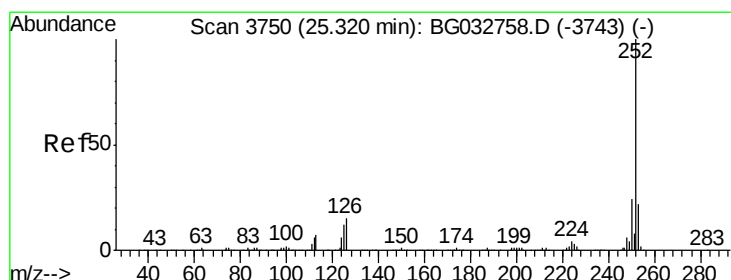
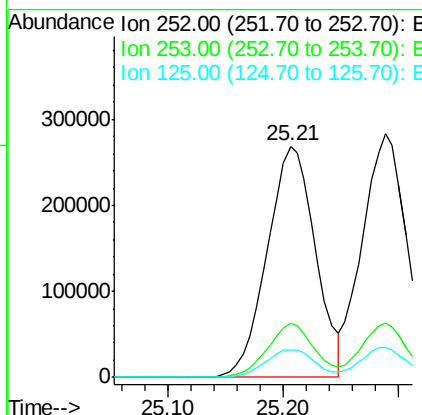
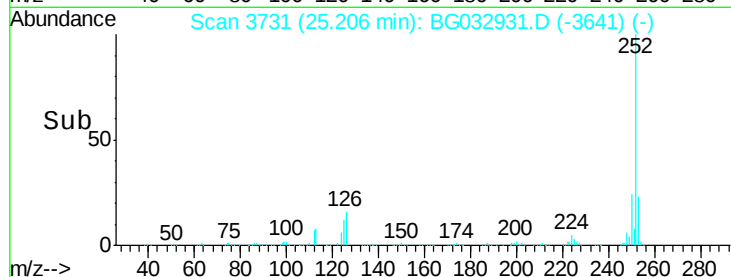
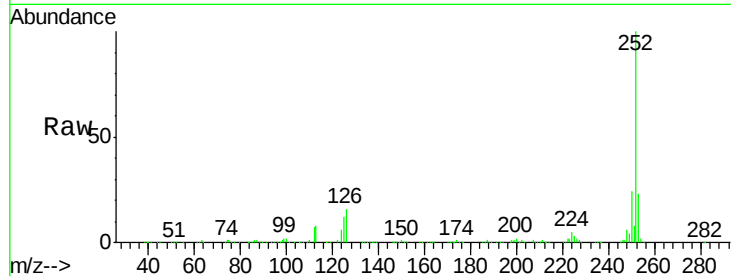
#87
Benzo(b)fluoranthene
Concen: 41.711 ng
RT: 25.21 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	12.0	7.2	10.8

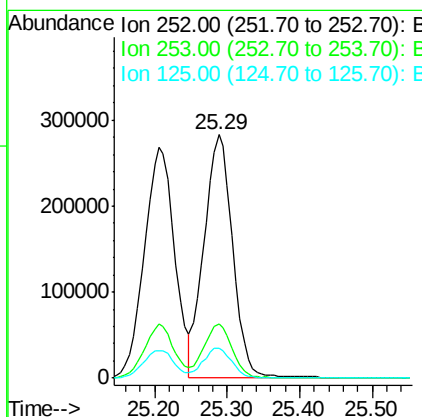
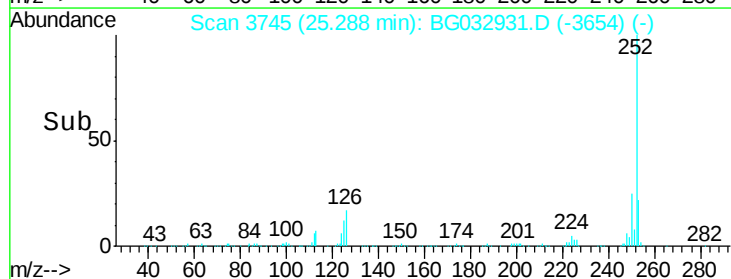
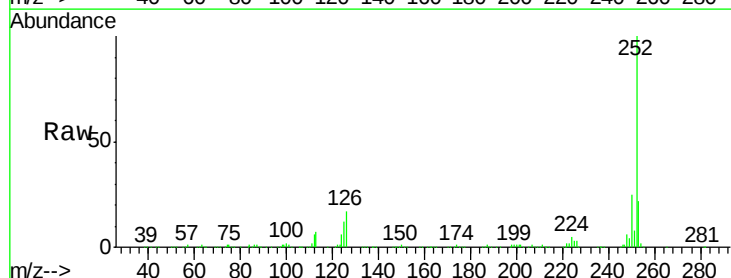
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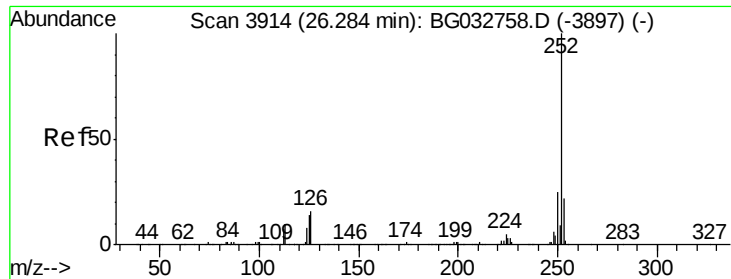
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.430 ng
RT: 25.29 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.3	6.6	9.8





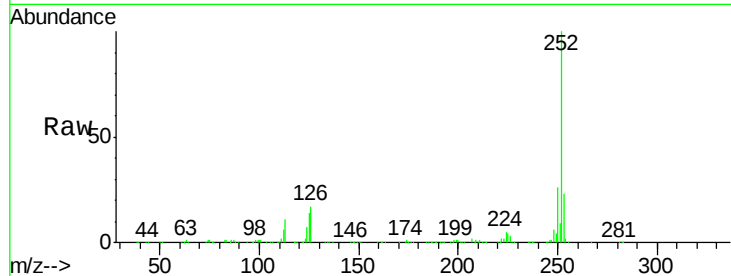
#89
Benzo(a)pyrene
Concen: 42.462 ng
RT: 26.25 min Scan# 3909
Delta R.T. 0.00 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB106984BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	14.4	7.3	10.9

Manual Integrations
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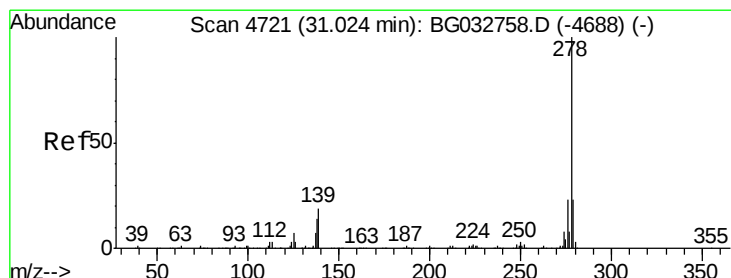
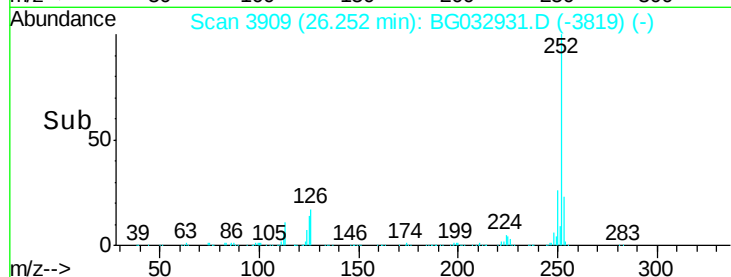
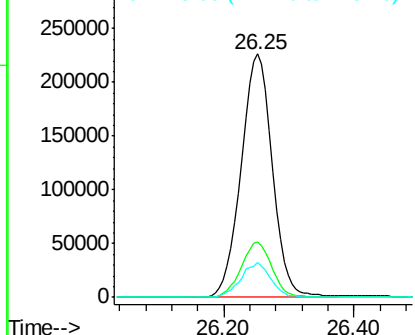


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 39.026 ng
RT: 30.95 min Scan# 4709
Delta R.T. 0.01 min
Lab File: BG032931.D
Acq: 1 Mar 2018 23:54

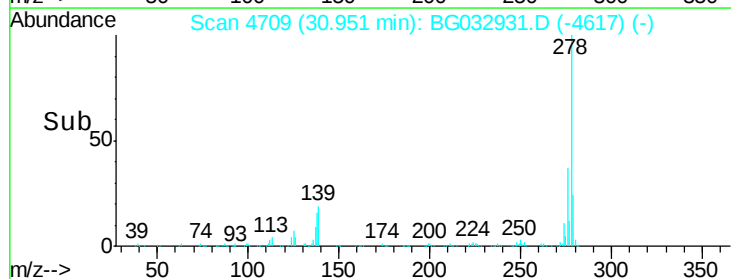
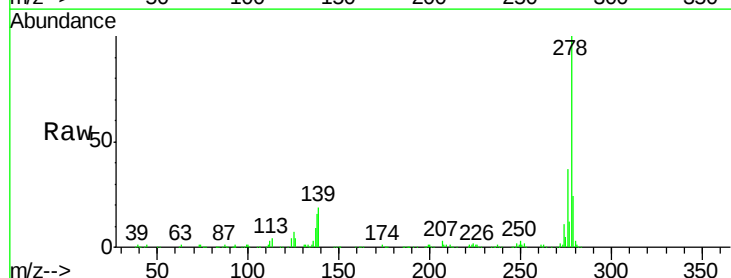
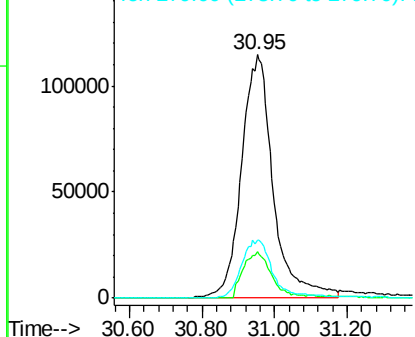
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	9.8	14.6
279	23.8	18.4	27.6

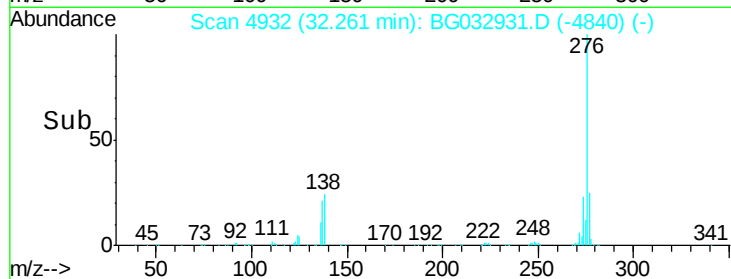
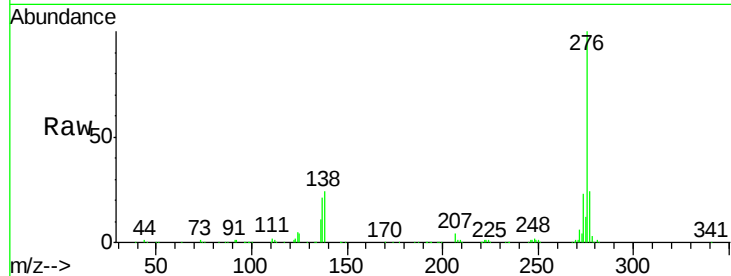
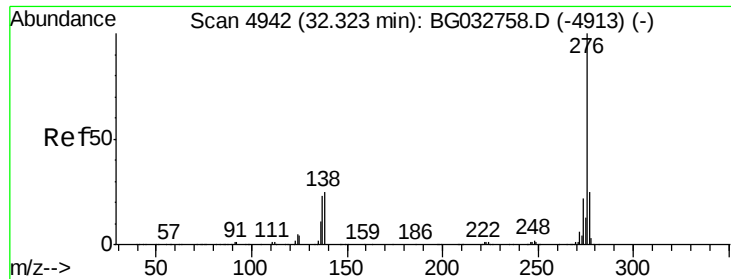
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.953 ng

RT: 32.26 min Scan# 4932

Delta R.T. 0.01 min

Lab File: BG032931.D

Acq: 1 Mar 2018 23:54

Tot Ion:	276	Resp:	703238
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.3	27.5
138	24.2	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

PB106984BSD

Manual Integrations
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