

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
 Data File : BG031427.D
 Acq On : 8 Dec 2017 17:20
 Operator : SJ/JU
 Sample : I6725-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Manual Integrations
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Sohil
 12/11/2017 6:17:24 PM

Quant Time: Dec 11 09:59:49 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39921	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	197311	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	150560	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	405506	20.00	ng	0.00
75) Chrysene-d12	21.77	240	439501	20.00	ng	0.00
86) Perylene-d12	25.06	264	430183	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	393721	169.12	ng	0.00
7) Phenol-d6	7.30	99	519530	165.64	ng	0.00
23) Nitrobenzene-d5	9.29	82	367813	110.46	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	326934	134.23	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1094223	104.43	ng	0.00
78) Terphenyl-d14	20.08	244	2073797	104.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	35207	37.266	ng	85
3) Pyridine	3.95	79	90293	32.920	ng	94
4) n-Nitrosodimethylamine	3.86	42	58596	45.078	ng	# 90
6) Aniline	7.45	93	82012	19.869	ng	93
8) 2-Chlorophenol	7.69	128	153025	59.562	ng	88
9) Benzaldehyde	7.27	77	46931	21.383	ng	92
10) Phenol	7.32	94	177642	54.539	ng	96
11) bis(2-Chloroethyl)ether	7.54	93	138483	53.248	ng	93
12) 1,3-Dichlorobenzene	8.01	146	150510	49.932	ng	97
13) 1,4-Dichlorobenzene	8.16	146	153100	50.122	ng	96
14) 1,2-Dichlorobenzene	8.48	146	152042	51.860	ng	96
15) Benzyl Alcohol	8.37	79	143241	56.936	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	222536	77.467	ng	93
17) 2-Methylphenol	8.58	107	136288	60.087	ng	95
18) Hexachloroethane	9.21	117	55279	51.997	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	129358	54.244	ng	# 96
20) 3+4-Methylphenols	8.91	107	192634	59.727	ng	98
22) Acetophenone	8.95	105	234043	47.639	ng	# 96
24) Nitrobenzene	9.34	77	184236	54.165	ng	91
25) Isophorone	9.86	82	380515	58.595	ng	# 92
26) 2-Nitrophenol	10.05	139	94532	53.319	ng	90
27) 2,4-Dimethylphenol	10.11	122	167229	63.534	ng	94
28) bis(2-Chloroethoxy)methane	10.33	93	217764	53.242	ng	96
29) 2,4-Dichlorophenol	10.60	162	195416	61.827	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	189448	50.204	ng	99
31) Naphthalene	10.99	128	590615	60.890	ng	98
33) 4-Chloroaniline	11.12	127	19096	4.497	ng	# 95
34) Hexachlorobutadiene	11.27	225	123425	47.162	ng	97
35) Caprolactam	11.89	113	61376m	47.536	ng	
36) 4-Chloro-3-methylphenol	12.23	107	210168	61.095	ng	88
37) 2-Methylnaphthalene	12.58	142	419914	56.080	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	252138	42.194	ng	96
40) Hexachlorocyclopentadiene	12.93	237	178591	80.700	ng	94
42) 2,4,6-Trichlorophenol	13.20	196	184529	54.018	ng	98

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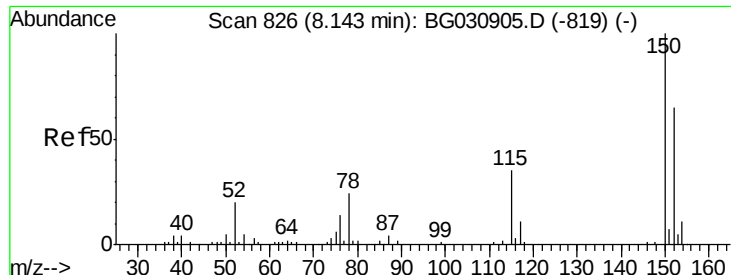
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	201255	53.846	ng	93
45) 1,1'-Biphenyl	13.58	154	560607	44.903	ng	97
46) 2-Chloronaphthalene	13.63	162	460993	51.176	ng	95
47) 2-Nitroaniline	13.84	65	151367	56.693	ng #	88
48) Acenaphthylene	14.48	152	737300	50.009	ng	99
49) Dimethylphthalate	14.20	163	688411	52.881	ng	100
50) 2,6-Dinitrotoluene	14.32	165	153827	57.330	ng #	85
51) Acenaphthene	14.81	154	461738	50.146	ng	98
52) 3-Nitroaniline	14.66	138	46027	16.155	ng #	78
53) 2,4-Dinitrophenol	14.88	184	44067	33.529	ng #	48
54) Dibenzofuran	15.15	168	773469	52.737	ng	98
55) 4-Nitrophenol	14.99	139	195474	96.316	ng #	86
56) 2,4-Dinitrotoluene	15.12	165	227128	58.552	ng #	78
57) Fluorene	15.79	166	629960	52.906	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	210673	59.141	ng	91
59) Diethylphthalate	15.55	149	693116	52.416	ng	96
60) 4-Chlorophenyl-phenylether	15.78	204	373556	51.946	ng	93
61) 4-Nitroaniline	15.82	138	156862	51.995	ng	92
62) Azobenzene	16.07	77	573461	56.864	ng	97
64) 4,6-Dinitro-2-methylphenol	15.89	198	65170	24.179	ng	82
65) n-Nitrosodiphenylamine	15.99	169	593651	48.312	ng	98
66) 4-Bromophenyl-phenylether	16.67	248	254657	49.584	ng	98
67) Hexachlorobenzene	16.80	284	251433	46.074	ng	96
68) Atrazine	16.94	200	259220	51.129	ng	99
69) Pentachlorophenol	17.15	266	203416	67.433	ng	96
70) Phenanthrene	17.54	178	1108264	52.491	ng	98
71) Anthracene	17.63	178	1125873	53.218	ng	98
72) Carbazole	17.90	167	1047259	52.831	ng	99
73) Di-n-butylphthalate	18.43	149	1213490	49.858	ng	98
74) Fluoranthene	19.54	202	1432542	53.588	ng	97
76) Benzidine	19.71	184	118508	8.394	ng	99
77) Pyrene	19.90	202	1454450	55.769	ng	96
79) Butylbenzylphthalate	20.76	149	561288	53.978	ng	89
80) Benzo(a)anthracene	21.75	228	1428511	52.326	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	203231	18.442	ng	98
82) Chrysene	21.82	228	1372975	54.368	ng	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	794116	52.905	ng	99
84) Di-n-octyl phthalate	22.85	149	1343434	54.989	ng	96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1579234	51.440	ng	99
87) Benzo(b)fluoranthene	24.02	252	1445928	55.566	ng	98
88) Benzo(k)fluoranthene	24.09	252	1377146	53.393	ng	97
89) Benzo(a)pyrene	24.92	252	1367707	55.327	ng	99
90) Dibenzo(a,h)anthracene	28.92	278	1308192	51.775	ng	98
91) Benzo(g,h,i)perylene	30.05	276	1310641	53.445	ng	98

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



#1

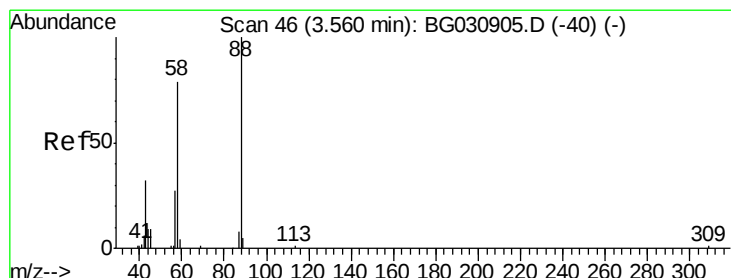
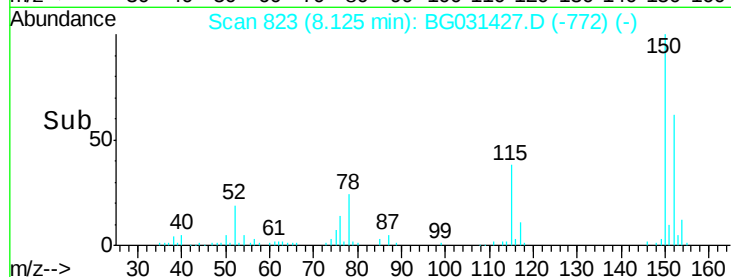
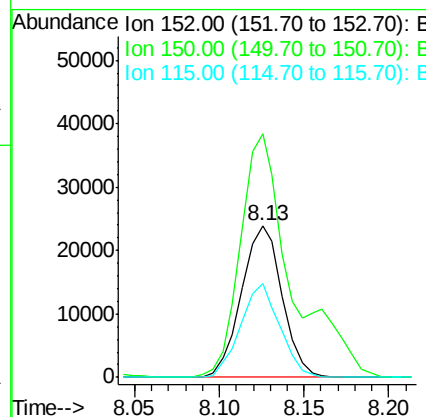
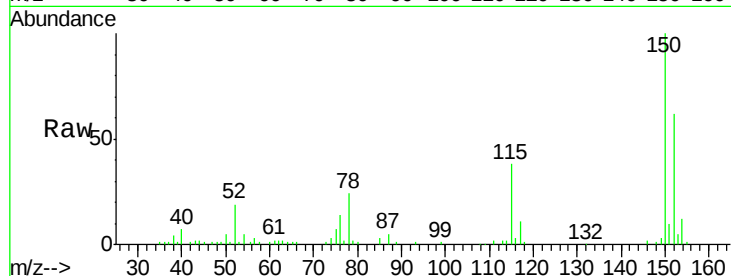
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	61.5	53.0	79.4

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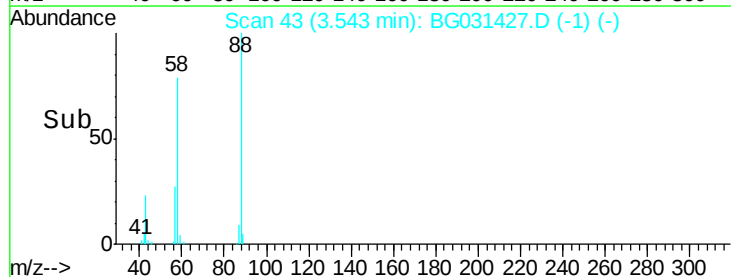
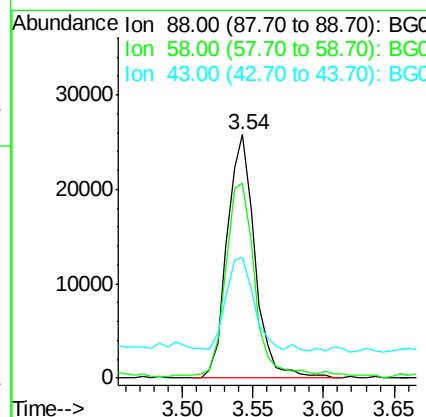
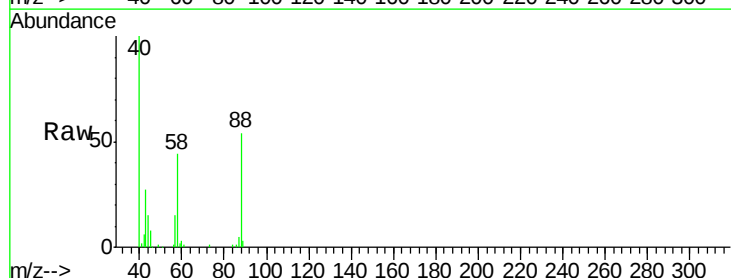
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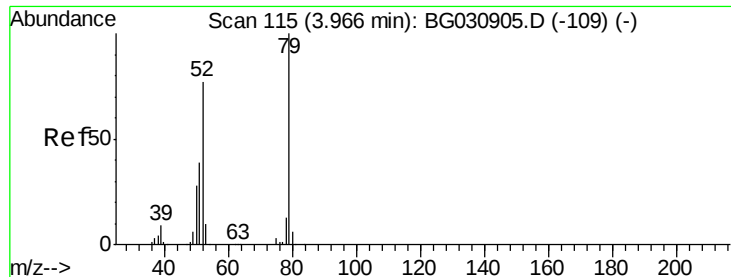


#2

1,4-Dioxane
Concen: 37.266 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	79.6	119.4
43	40.1	27.4	41.0





#3

Pyridine

Concen: 32.920 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.01 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

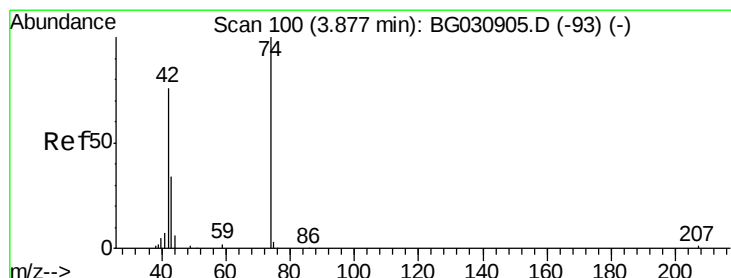
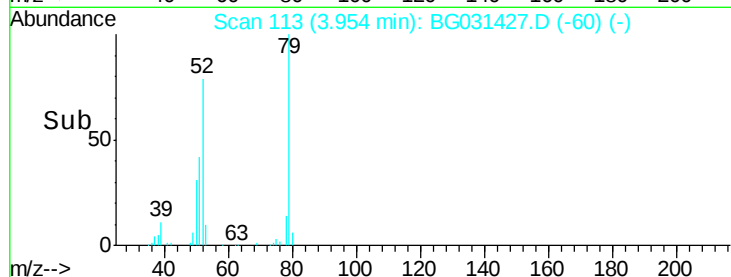
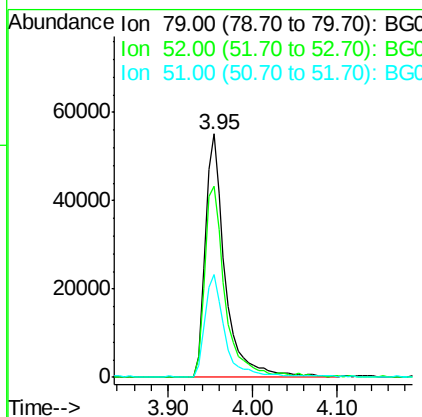
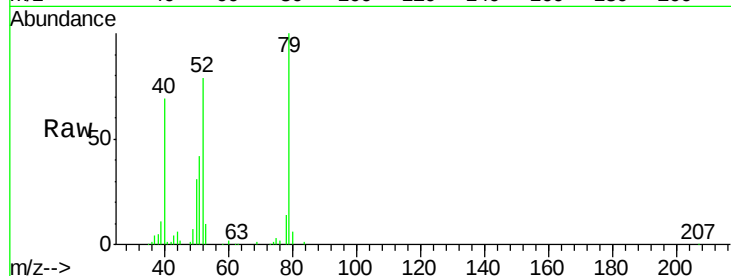
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:	79	Resp:	90293
Ion	Ratio	Lower	Upper
79	100		
52	78.6	69.9	104.9
51	42.3	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.078 ng

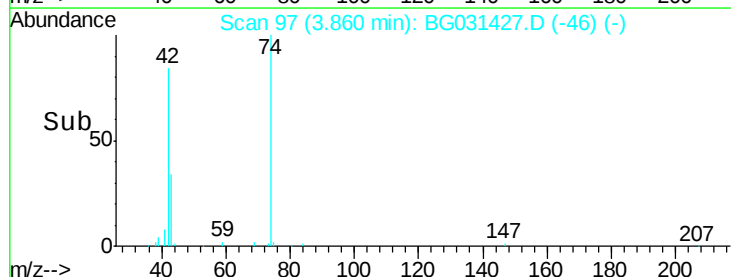
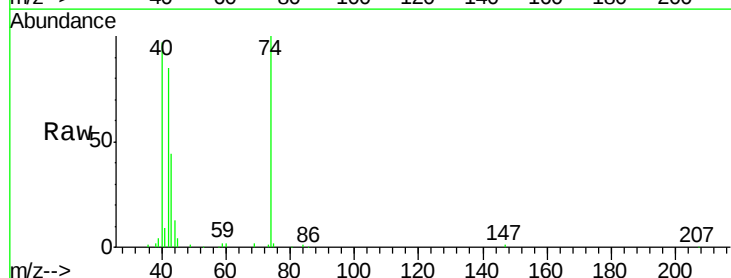
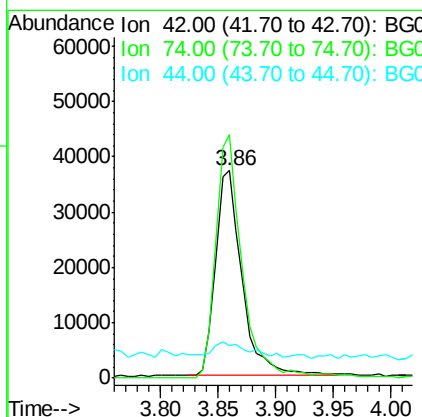
RT: 3.86 min Scan# 97

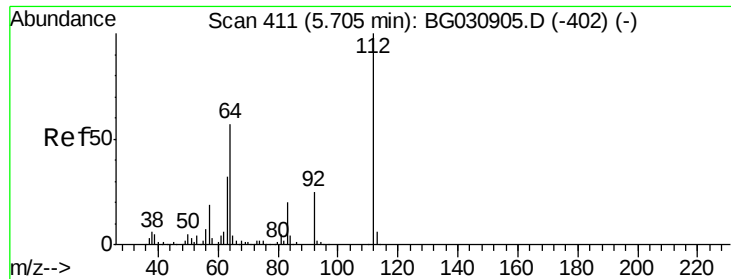
Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	42	Resp:	58596
Ion	Ratio	Lower	Upper
42	100		
74	117.4	102.5	153.7
44	15.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 169.118 ng

RT: 5.69 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031427.D

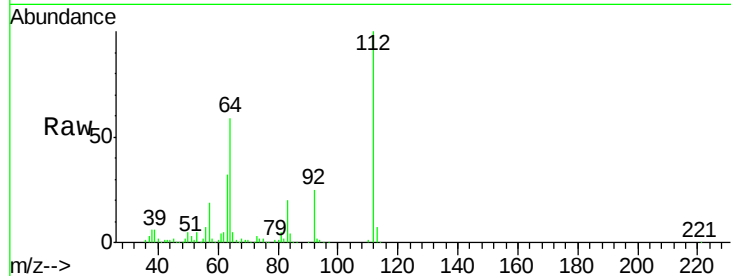
Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01MSD



Tgt Ion: 112 Resp: 393721

Ion Ratio Lower Upper

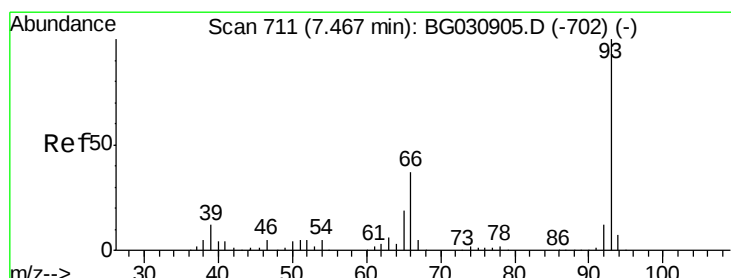
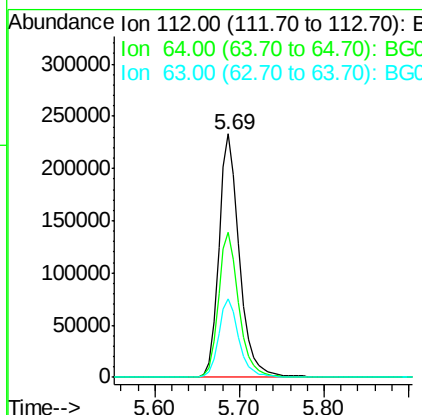
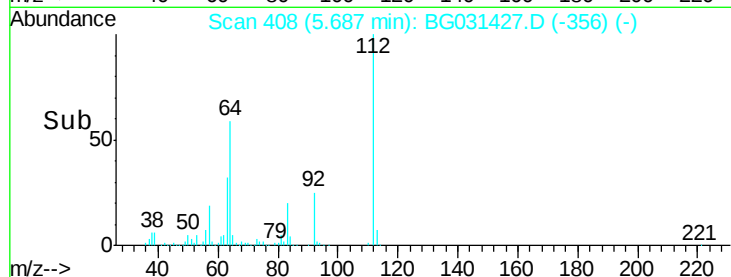
112 100

64 59.4 56.3 84.5

63 32.0 30.1 45.1

Manual Integrations
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#6

Aniline

Concen: 19.869 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

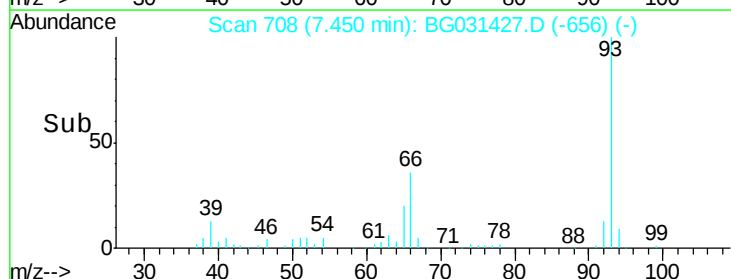
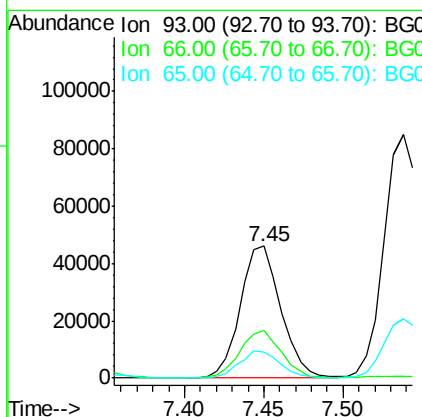
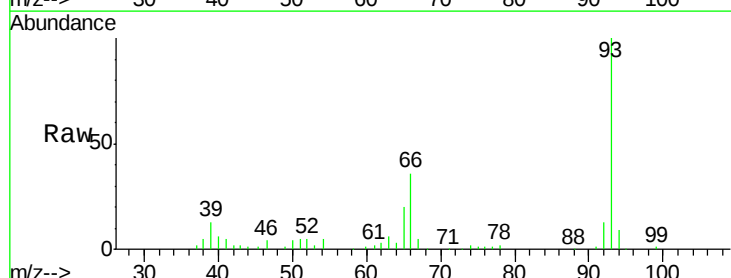
Tgt Ion: 93 Resp: 82012

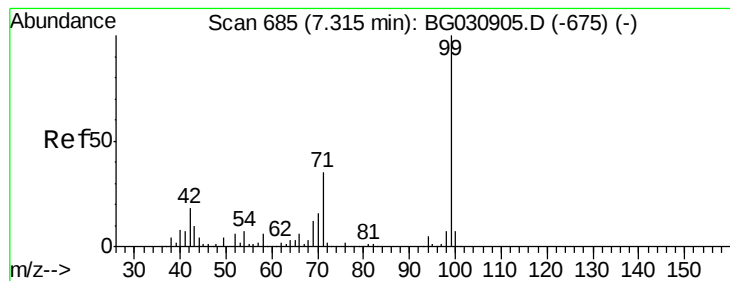
Ion Ratio Lower Upper

93 100

66 36.0 33.7 50.5

65 20.2 16.1 24.1





#7

Phenol-d6

Concen: 165.644 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

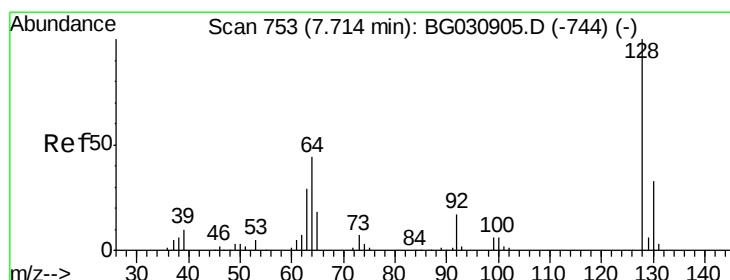
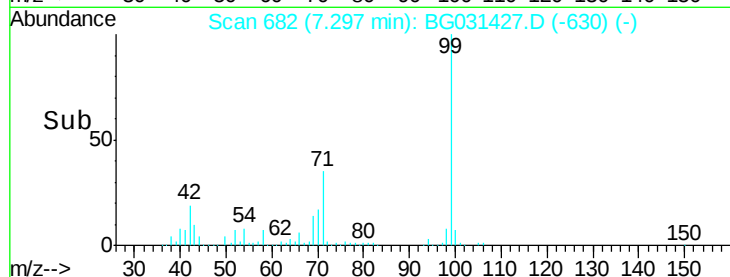
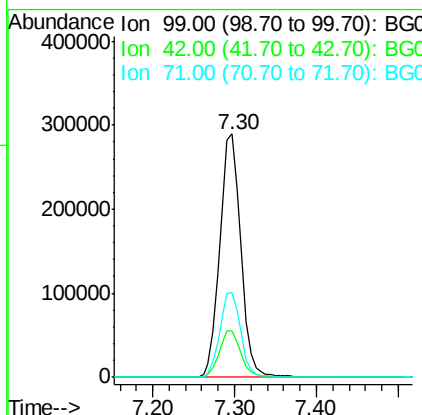
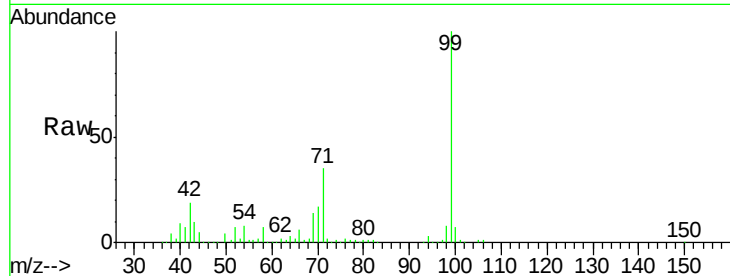
ClientSampleId :

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Tgt Ion:	99	Resp:	519530
Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	35.0	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 59.562 ng

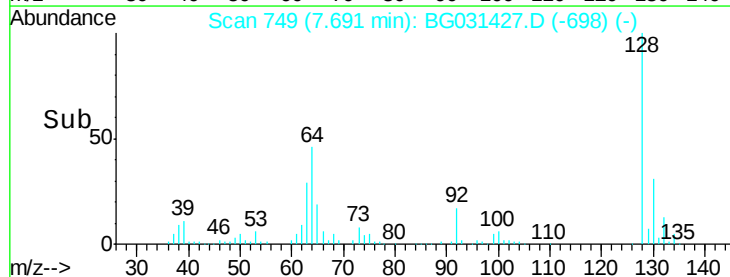
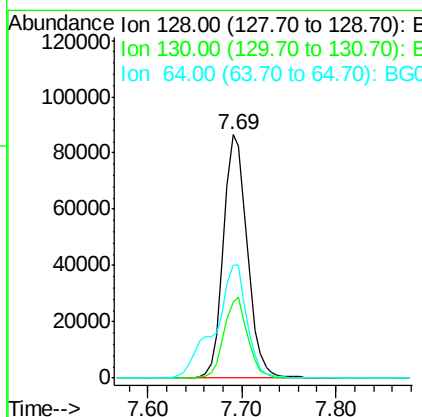
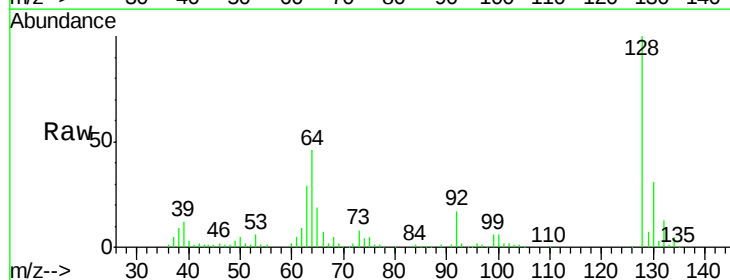
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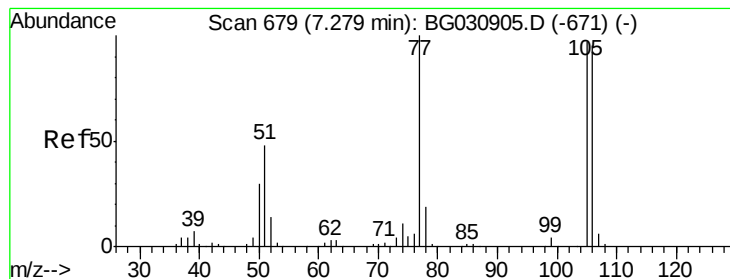
Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	128	Resp:	153025
Ion	Ratio	Lower	Upper
128	100		
130	30.9	14.0	54.0
64	46.4	37.7	77.7





#9

Benzaldehyde

Concen: 21.383 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

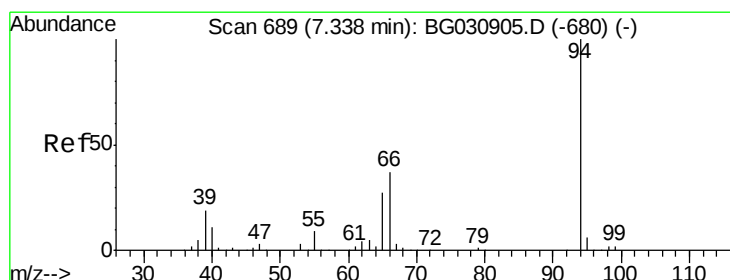
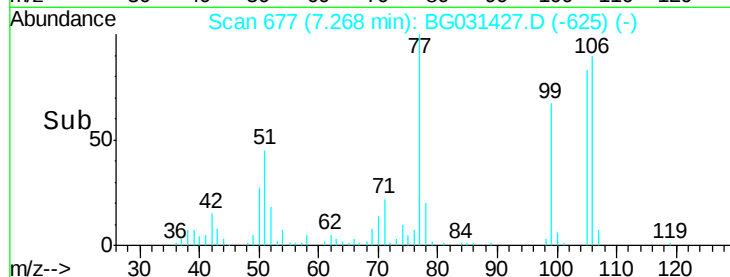
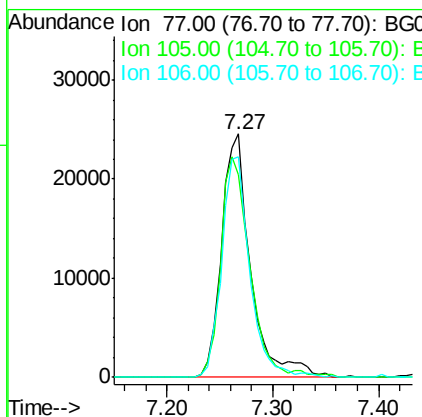
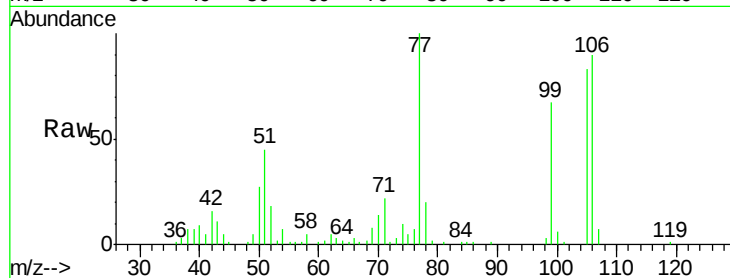
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:	77	Resp:	46931
Ion Ratio	Lower	Upper	
77	100		
105	83.4	71.3	111.3
106	90.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 54.539 ng

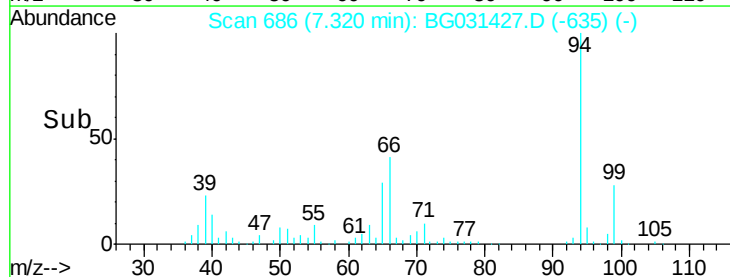
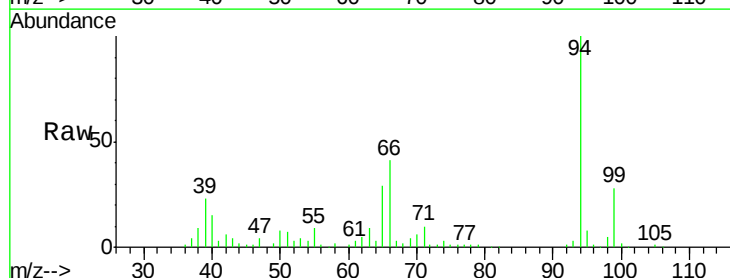
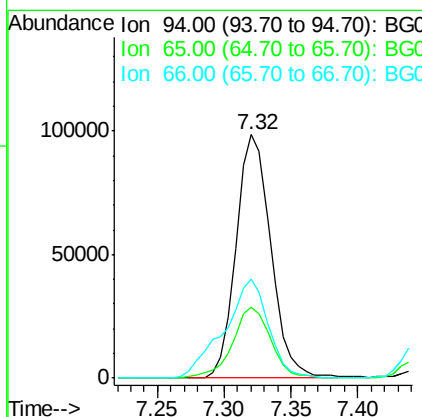
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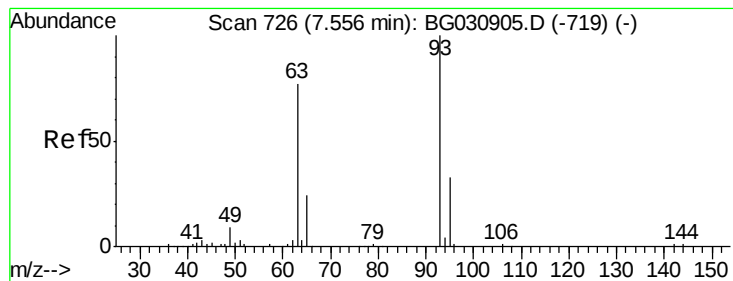
Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	94	Resp:	177642
Ion Ratio	Lower	Upper	
94	100		
65	29.0	11.9	51.9
66	40.6	22.2	62.2





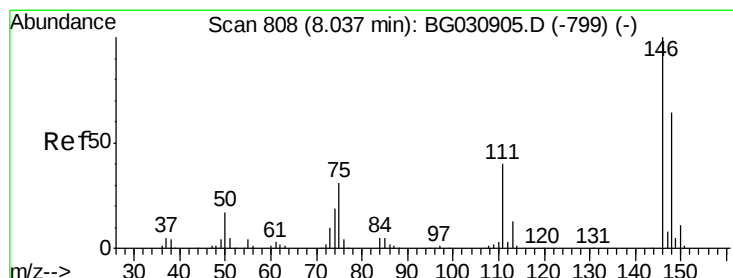
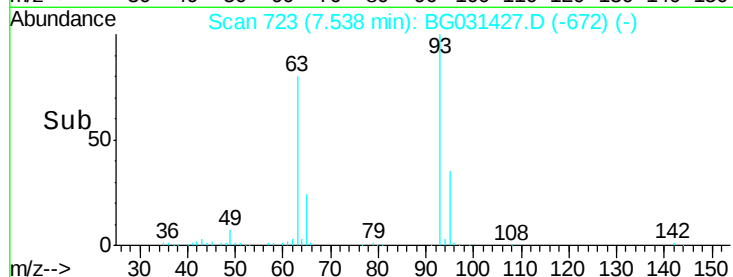
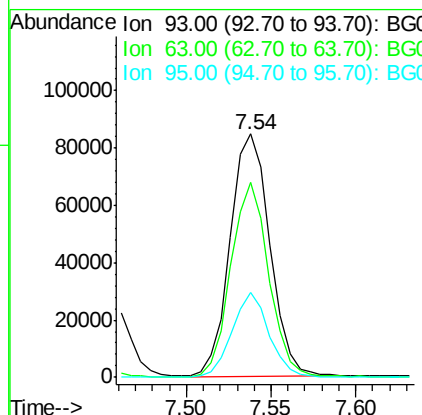
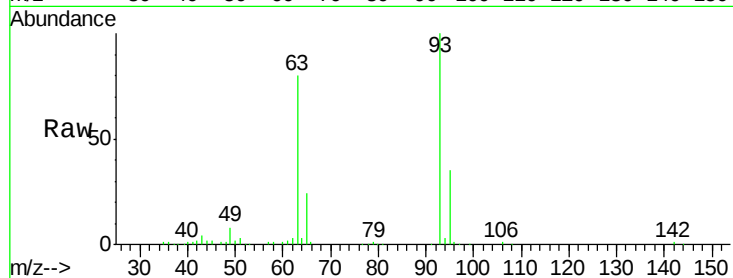
#11
bis(2-Chloroethyl)ether
Concen: 53.248 ng
RT: 7.54 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	138483		
63	80.0	67.1	107.1	
95	35.1	11.5	51.5	

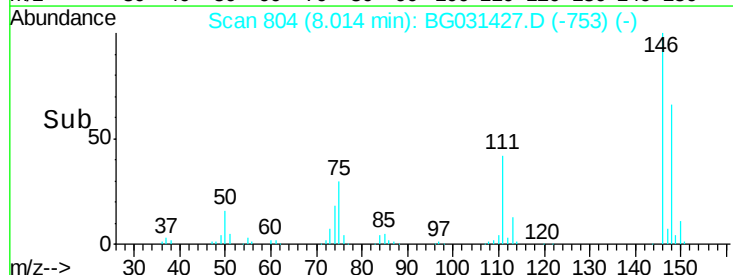
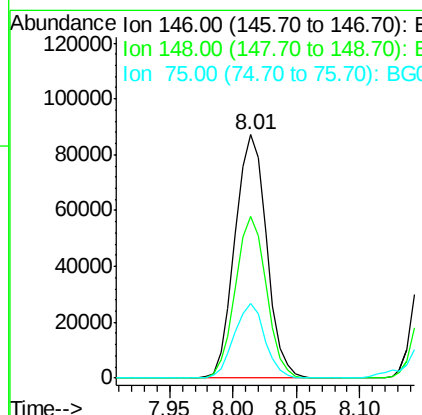
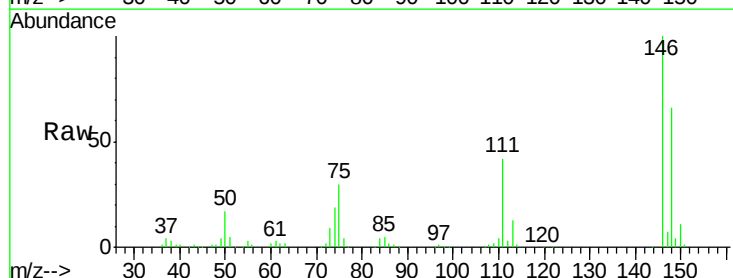
Manual Integrations
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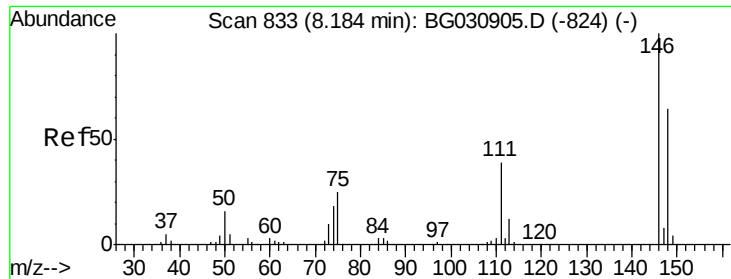
Sohil
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#12
1,3-Dichlorobenzene
Concen: 49.932 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150510		
148	66.4	51.4	77.2	
75	30.5	26.6	39.8	





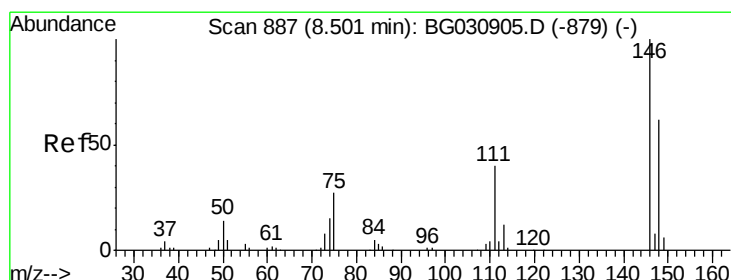
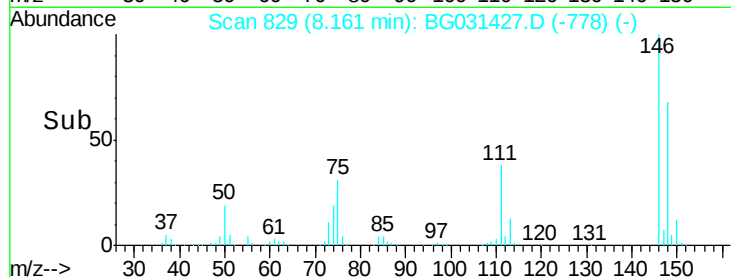
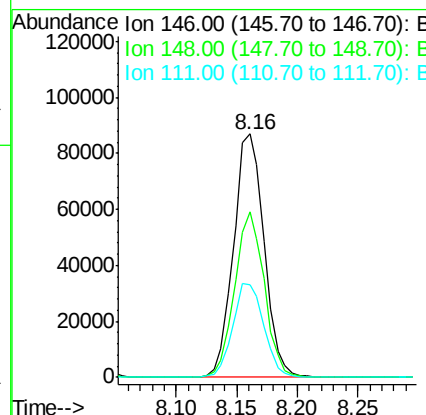
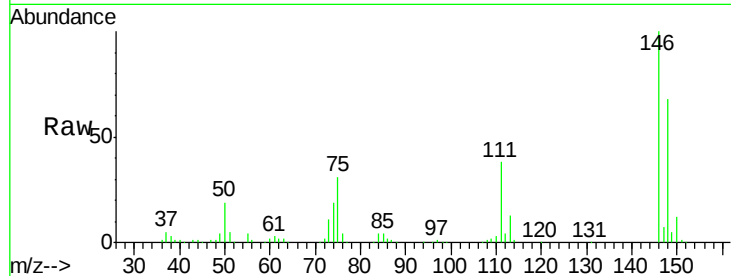
#13
 1,4-Dichlorobenzene
 Concen: 50.122 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	53.7	80.5
111	38.0	35.2	52.8

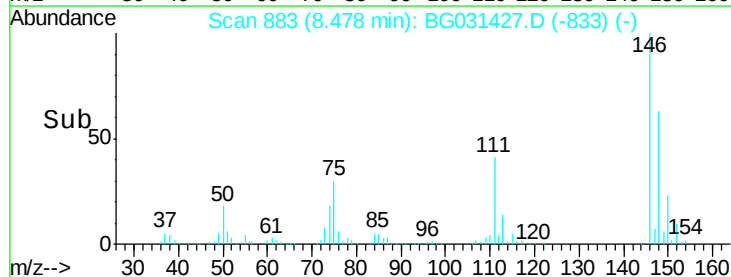
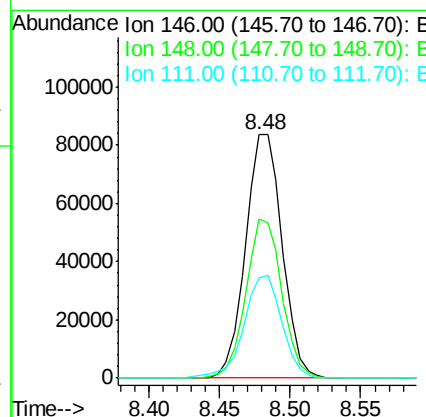
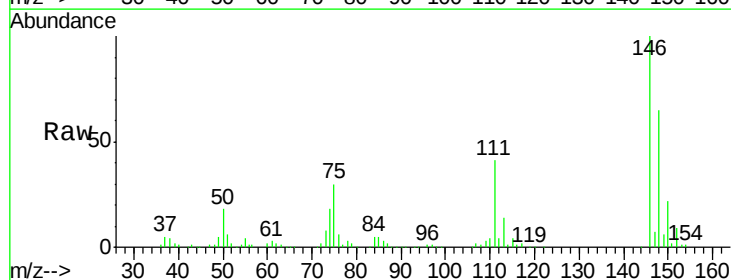
Manual Integrations
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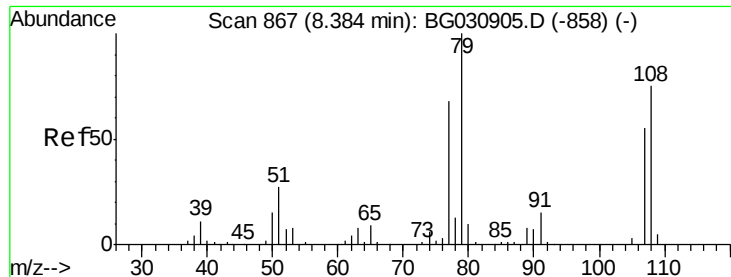
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#14
 1,2-Dichlorobenzene
 Concen: 51.860 ng
 RT: 8.48 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.3	73.9
111	41.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 56.936 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion: 79 Resp: 143241

Ion Ratio Lower Upper

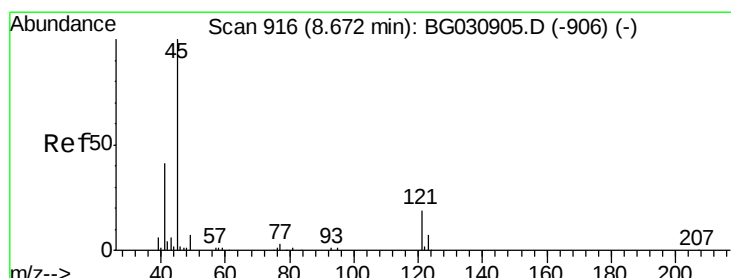
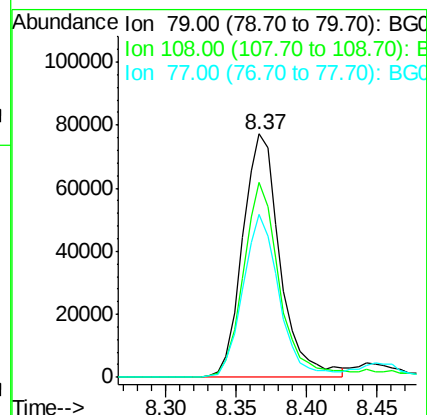
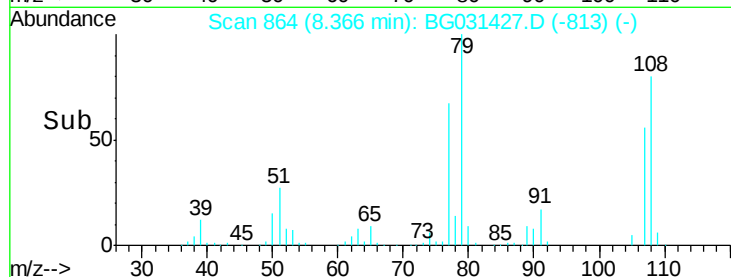
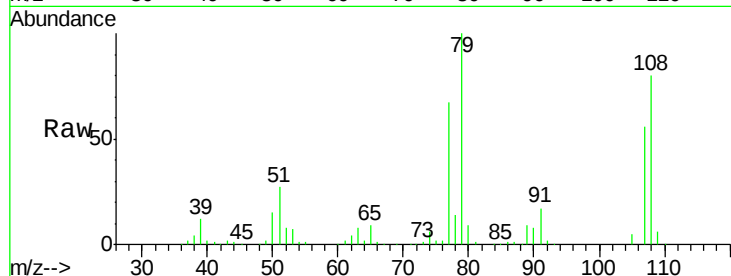
79 100

108 80.2 57.2 85.8

77 66.9 46.1 69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.467 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

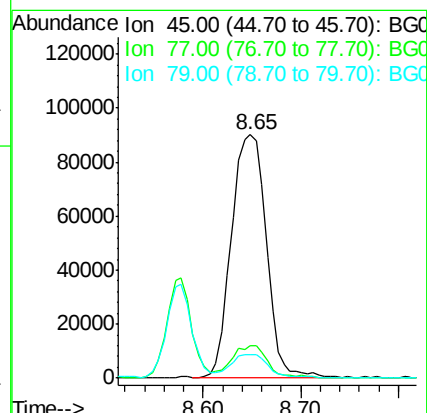
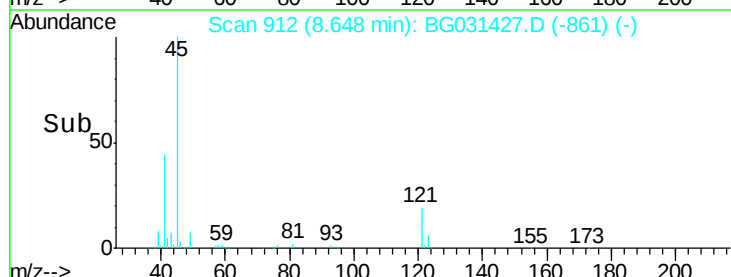
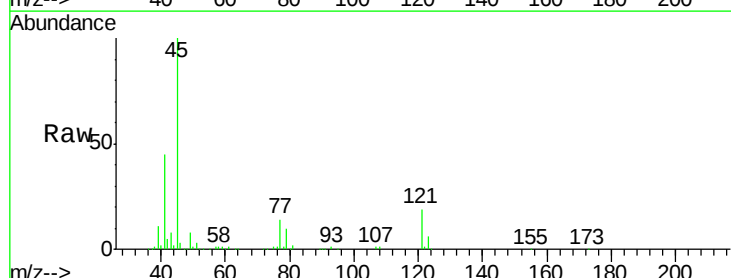
Tgt Ion: 45 Resp: 222536

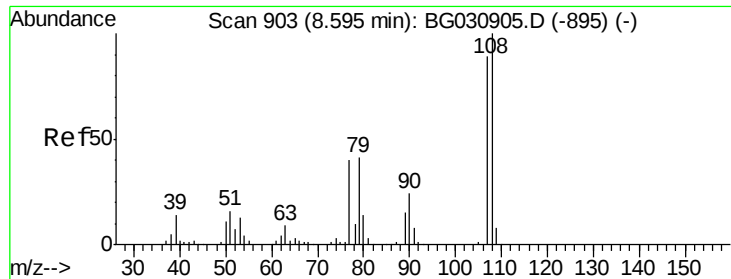
Ion Ratio Lower Upper

45 100

77 13.5 0.0 30.2

79 9.6 0.0 27.9





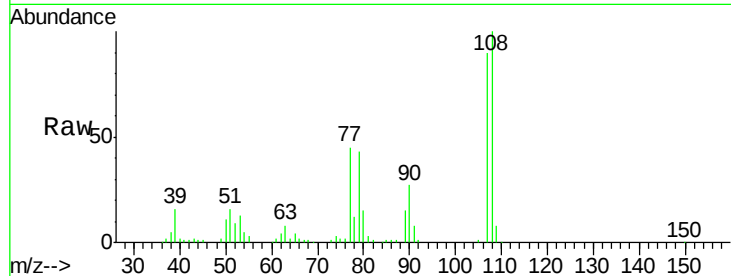
#17
2-Methylphenol
Concen: 60.087 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	136288		
108	110.8	83.9	125.9	
77	50.3	37.2	55.8	
79	47.2	36.2	54.2	

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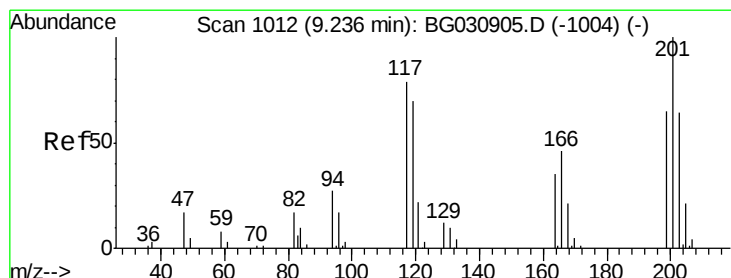
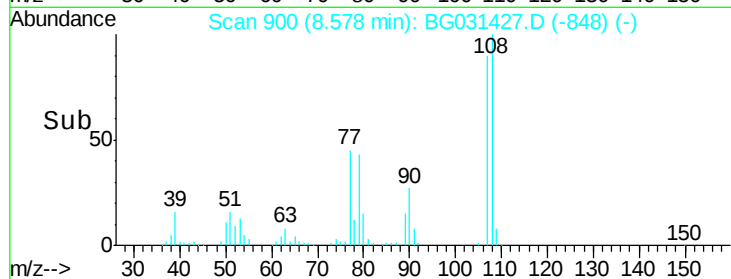
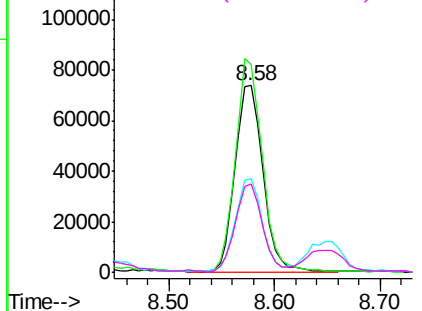
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 51.997 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

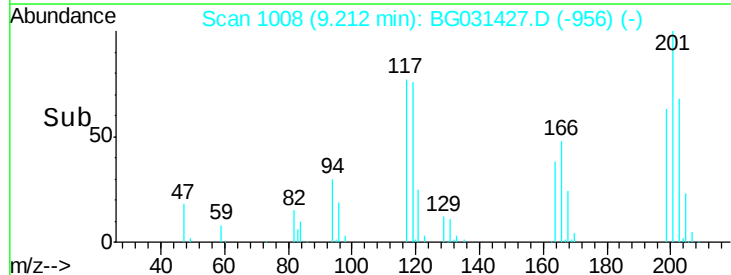
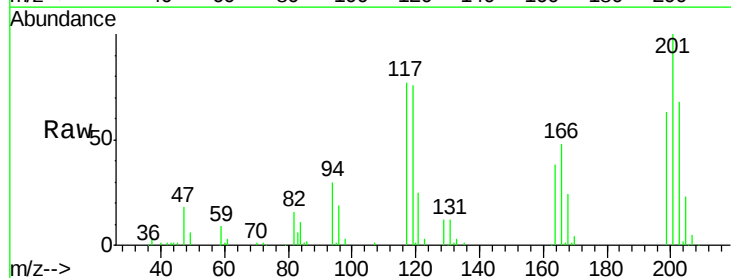
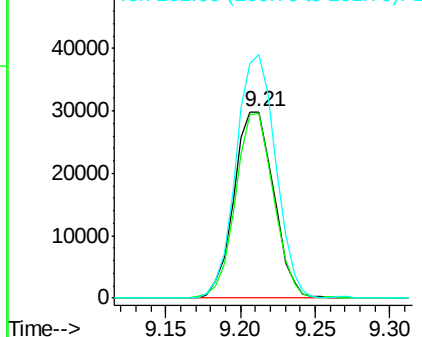
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	55279		
119	98.7	76.7	115.1	
201	130.5	95.7	143.5	

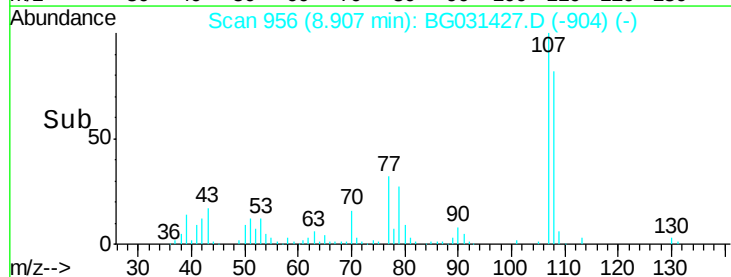
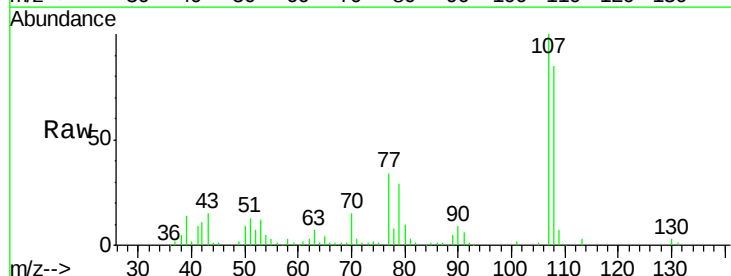
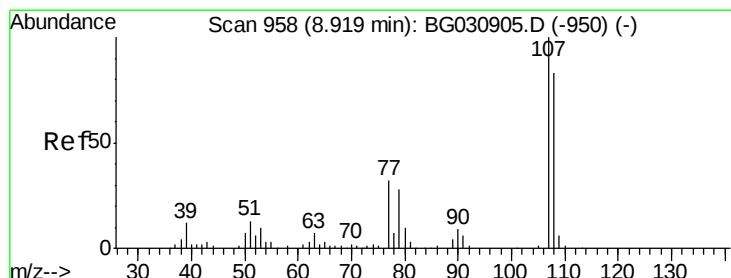
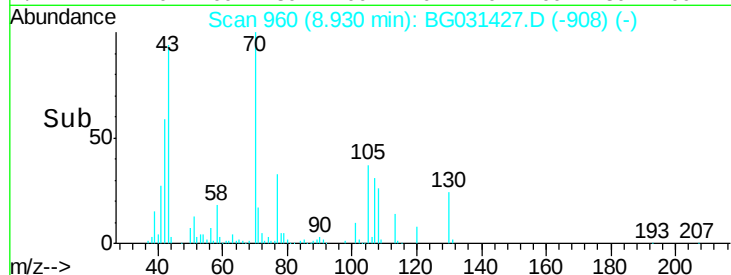
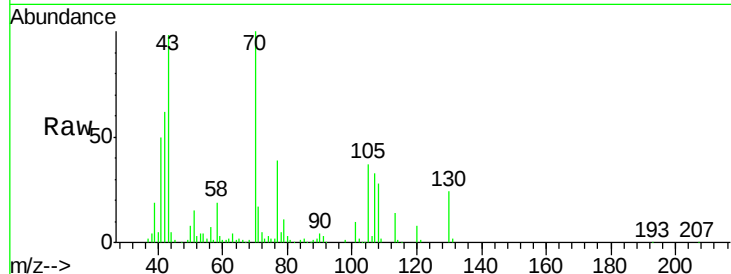
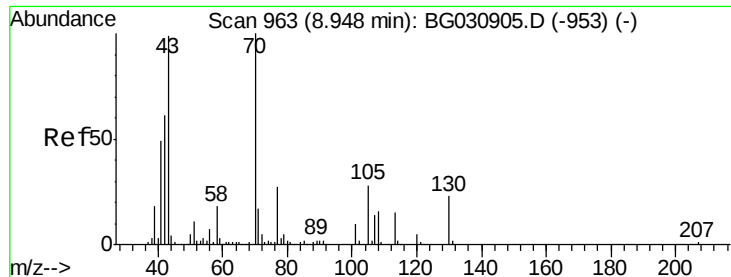
Abundance

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





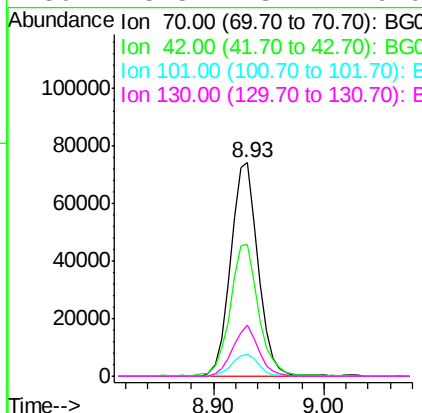
#19
n-Nitroso-di-n-propylamine
Concen: 54.244 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.0	49.1	73.7
101	10.1	8.5	12.7
130	23.8	13.4	20.0

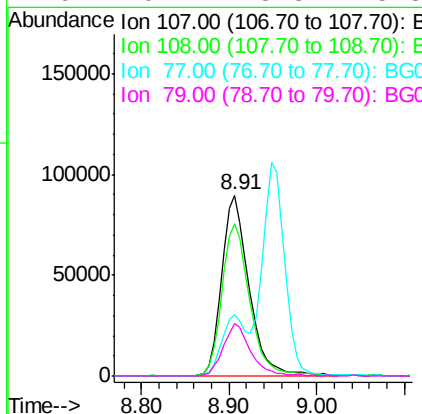
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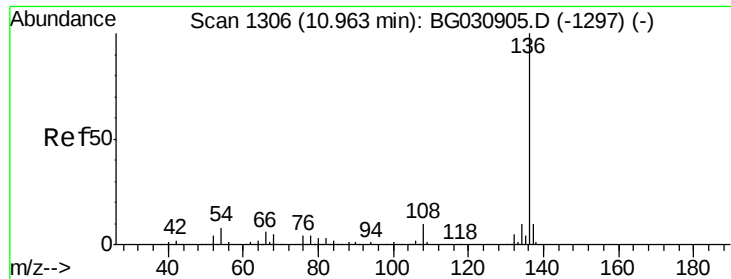
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#20
3+4-Methylphenols
Concen: 59.727 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	61.6	101.6
77	33.8	13.9	53.9
79	29.4	8.8	48.8





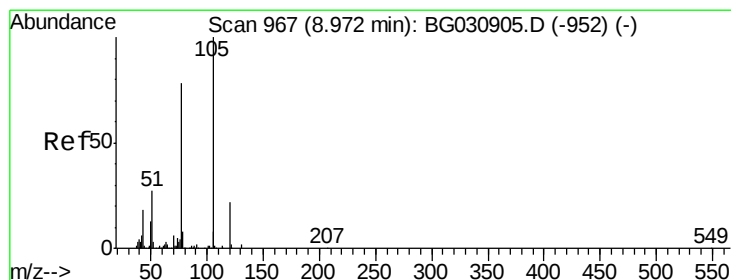
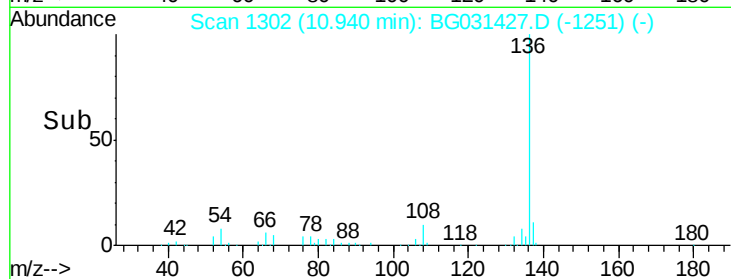
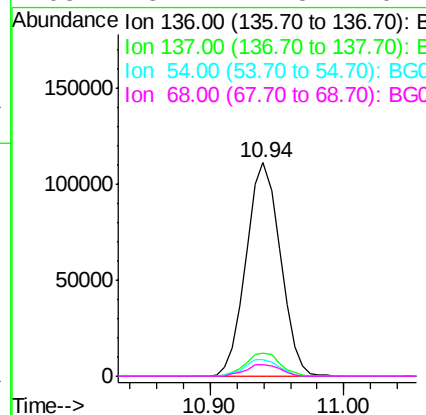
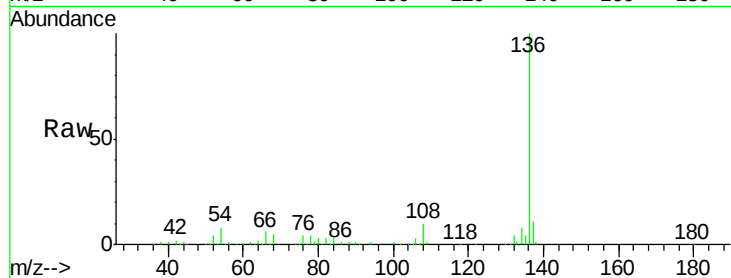
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	197311		
137	11.0	9.2	13.8	
54	7.8	10.3	15.5	
68	5.1	4.5	6.7	

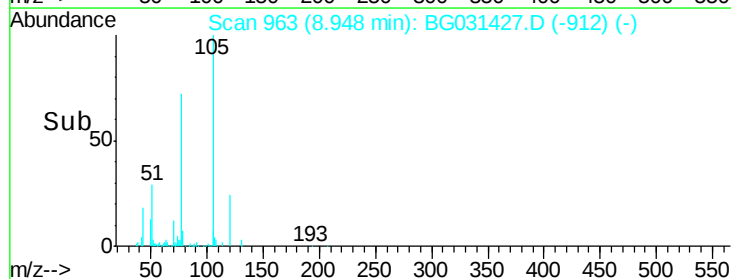
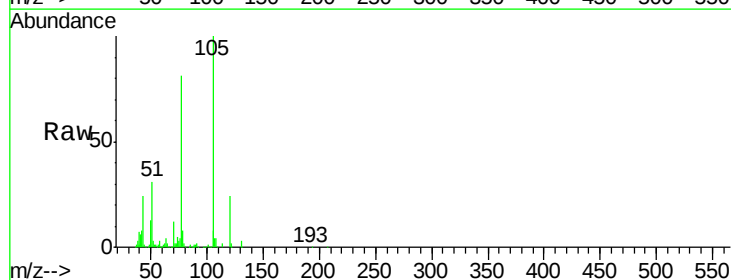
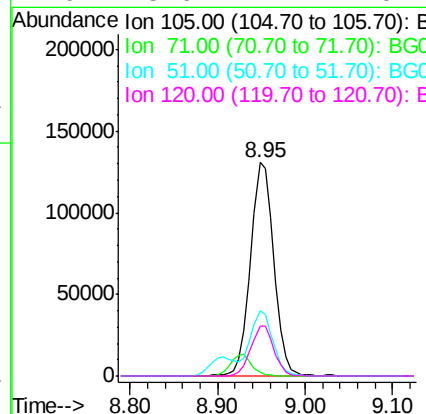
Manual Integrations
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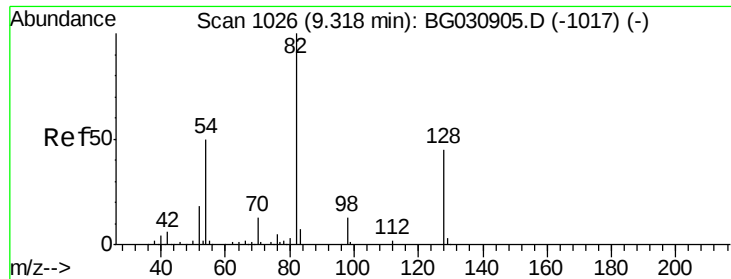
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#22
Acetophenone
Concen: 47.639 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234043		
71	1.9	3.0	4.4	
51	30.8	26.1	39.1	
120	23.6	17.4	26.2	





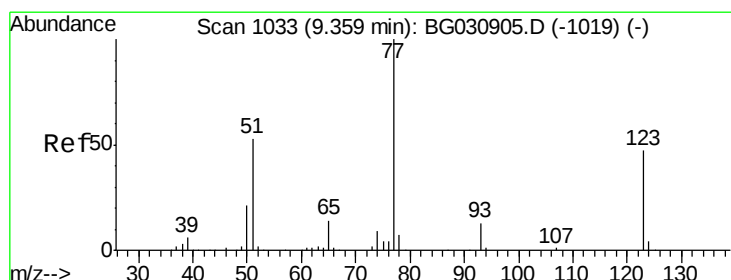
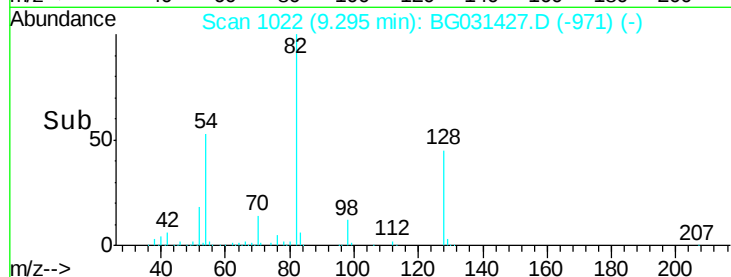
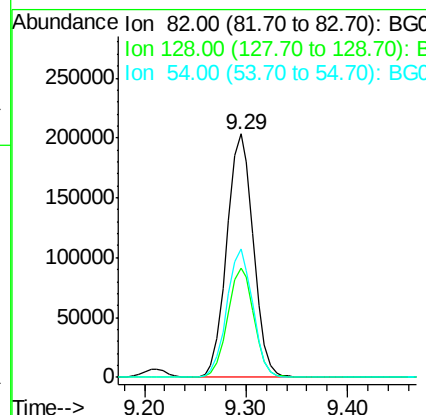
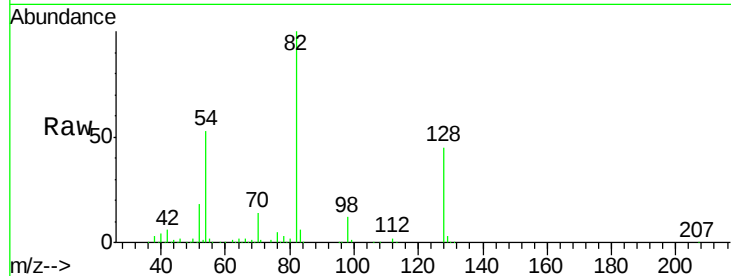
#23
 Nitrobenzene-d5
 Concen: 110.461 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	52.8	43.1	64.7

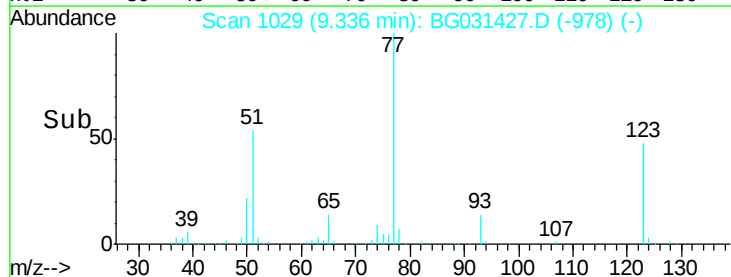
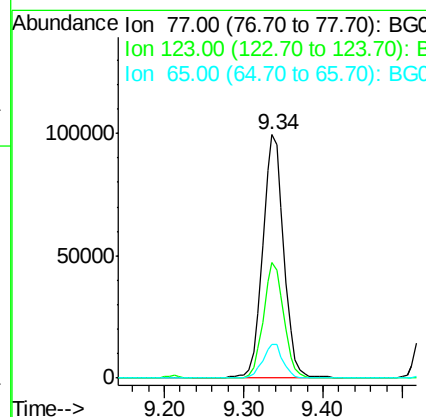
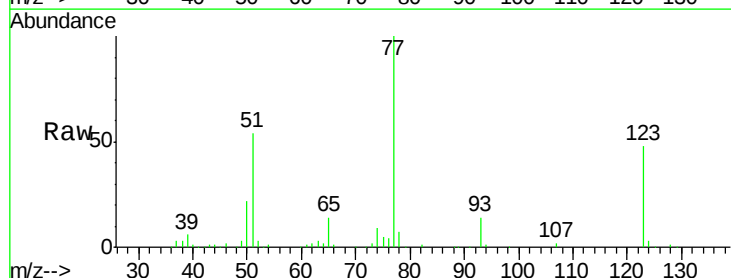
Manual Integrations
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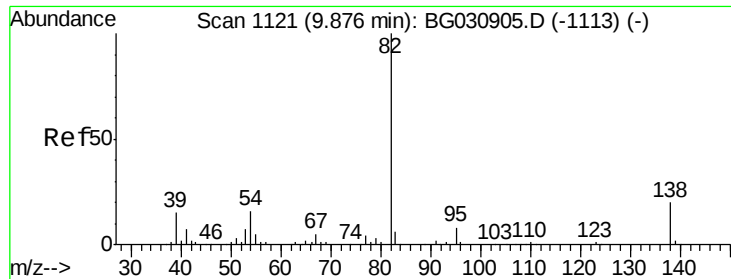
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#24
 Nitrobenzene
 Concen: 54.165 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 58.595 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion: 82 Resp: 380515

Ion Ratio Lower Upper

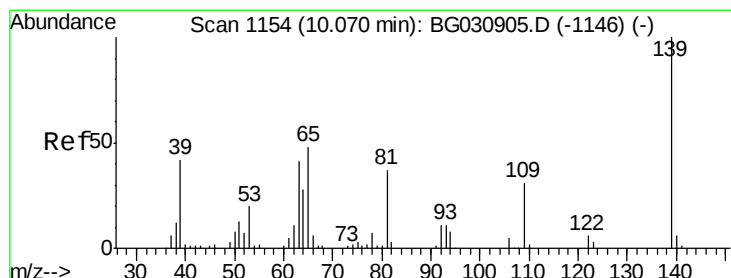
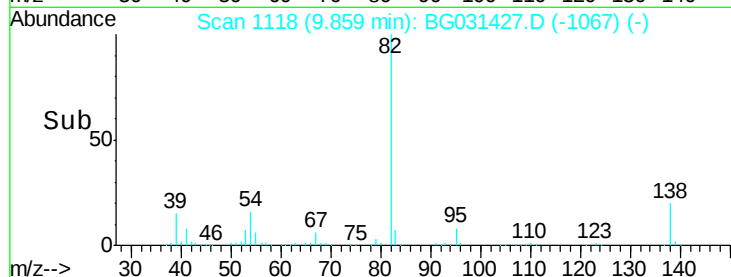
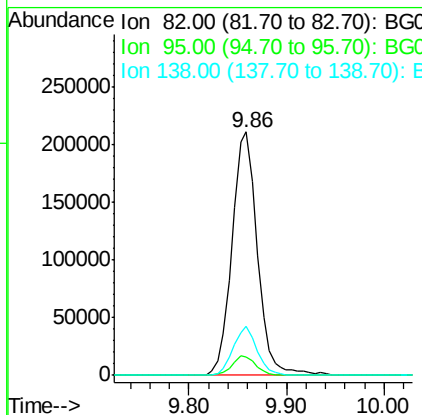
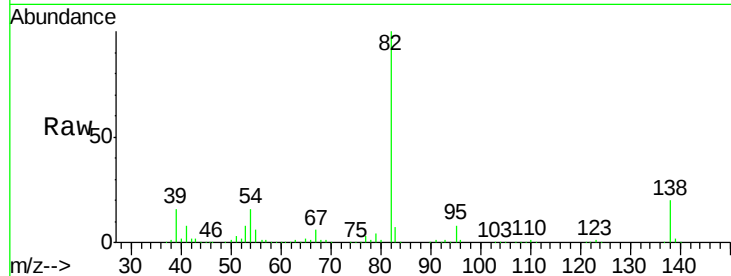
82 100

95 7.7 6.2 9.2

138 19.9 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.319 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

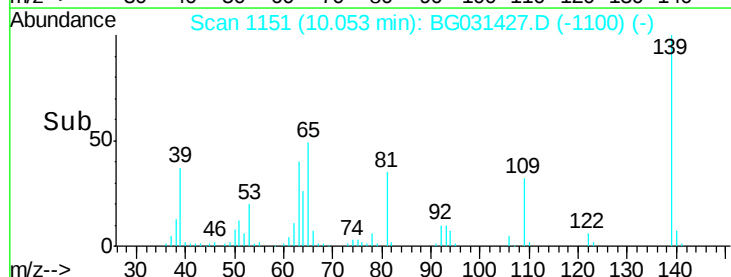
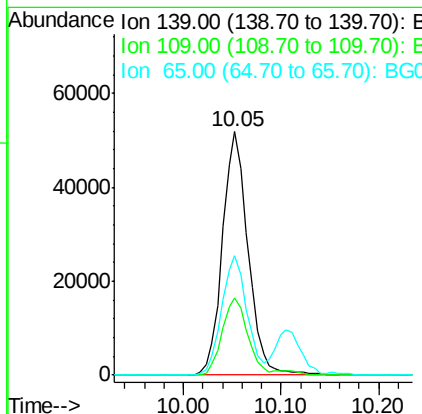
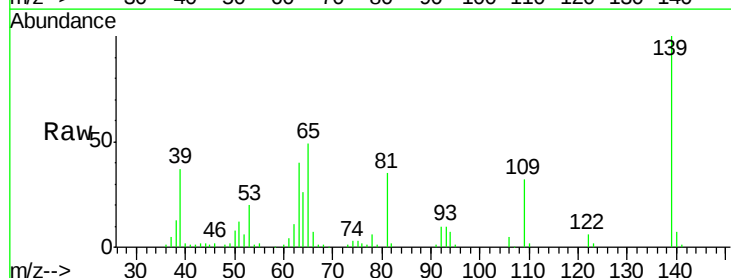
Tgt Ion: 139 Resp: 94532

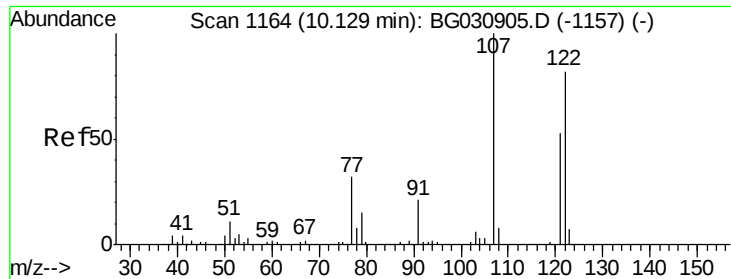
Ion Ratio Lower Upper

139 100

109 31.6 24.2 36.2

65 49.3 47.4 71.0





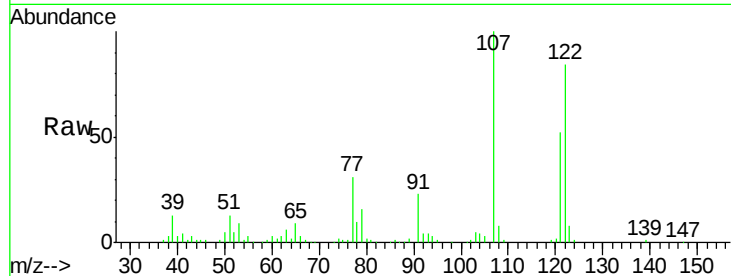
#27
 2,4-Dimethylphenol
 Concen: 63.534 ng
 RT: 10.11 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

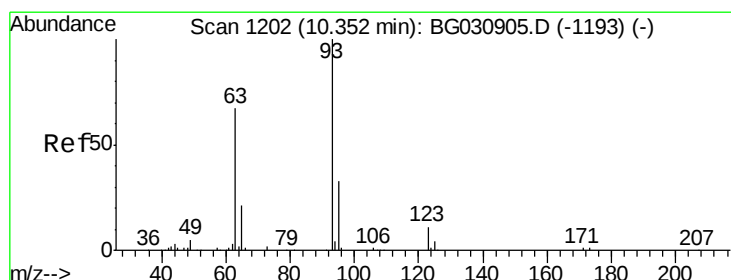
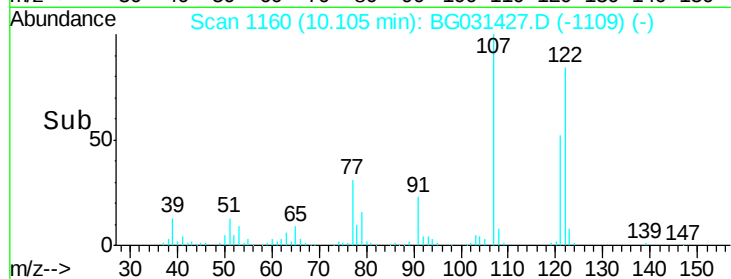
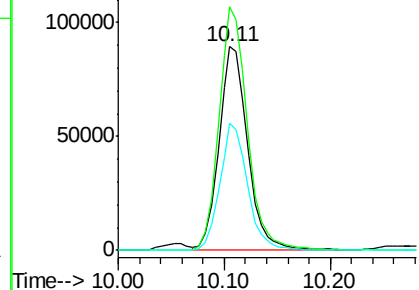
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.7	100.2	150.2
121	62.4	44.4	66.6

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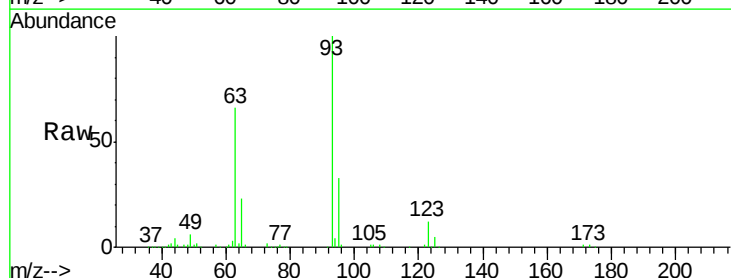


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

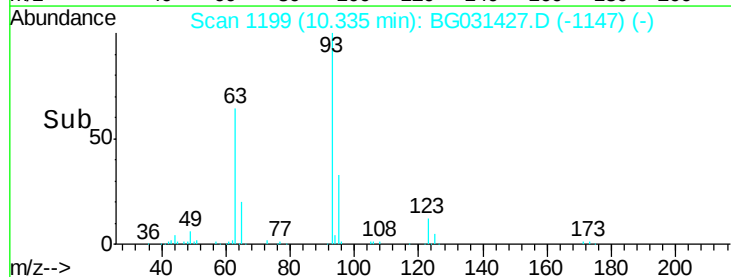
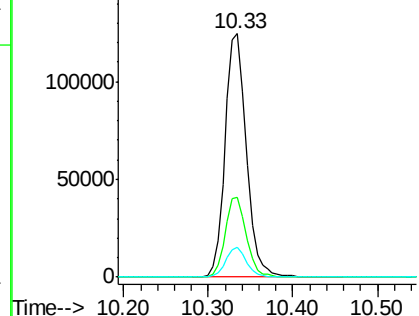


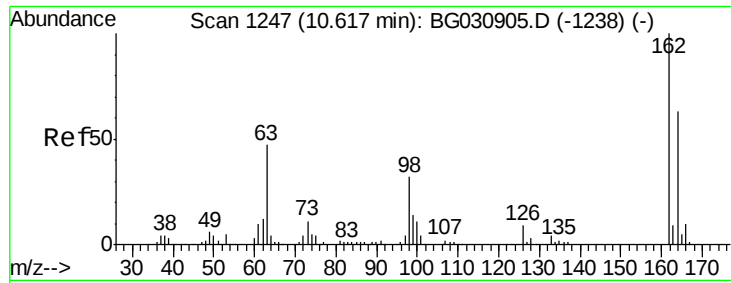
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.242 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	12.3	8.4	12.6



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





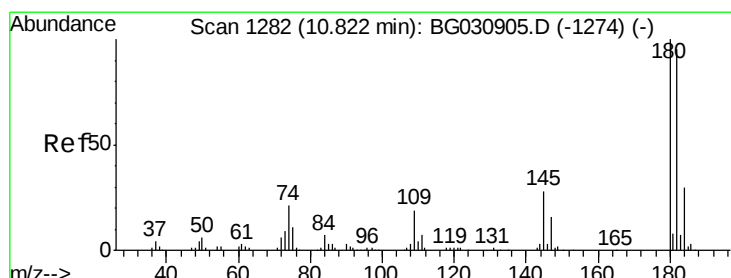
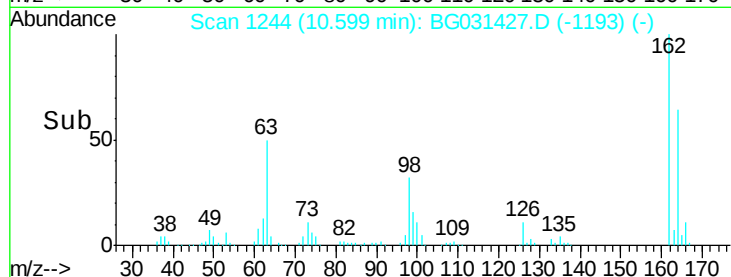
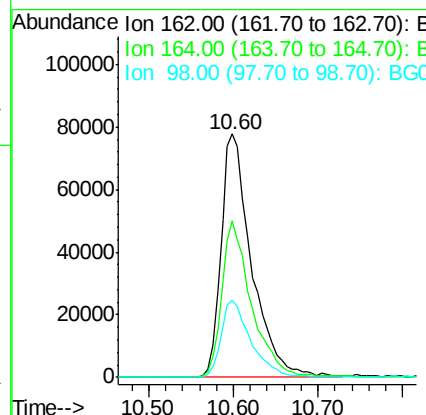
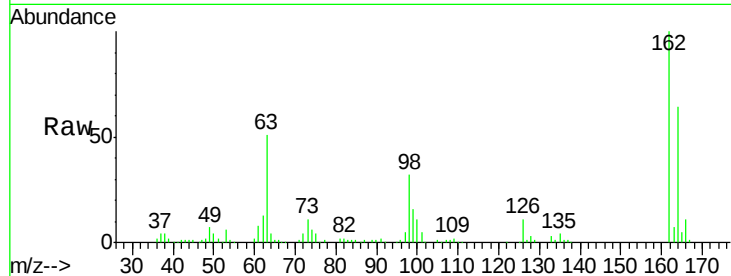
#29
 2,4-Dichlorophenol
 Concen: 61.827 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion:	162	Resp:	195416
Ion Ratio		Lower	Upper
162	100		
164	64.1	48.0	88.0
98	31.7	21.1	61.1

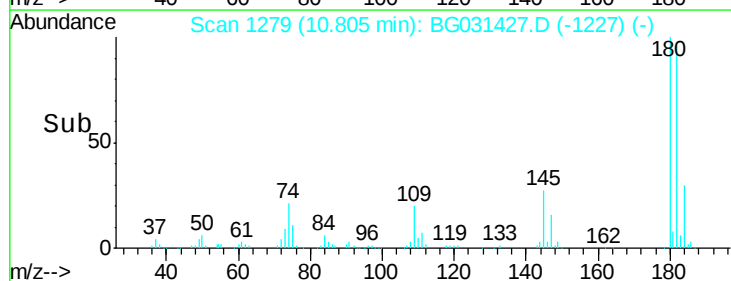
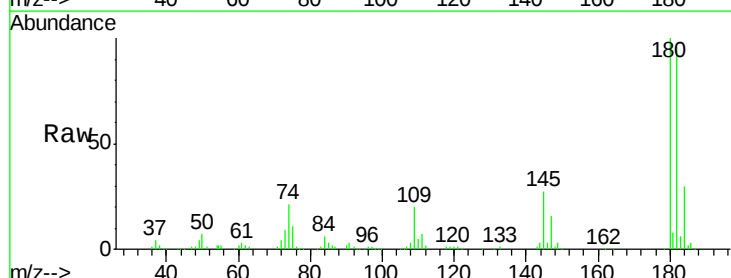
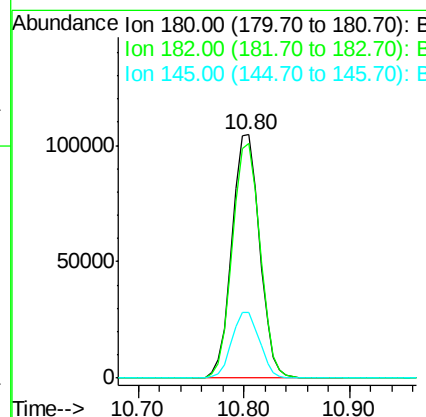
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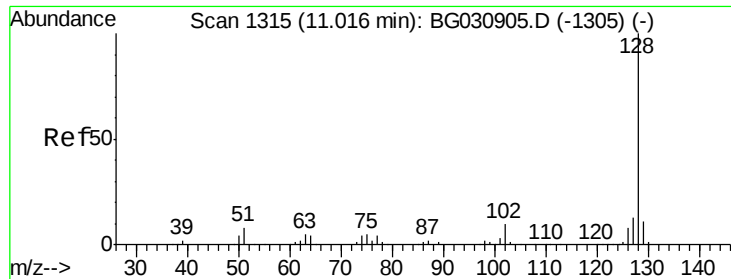
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#30
 1,2,4-Trichlorobenzene
 Concen: 50.204 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion:	180	Resp:	189448
Ion Ratio		Lower	Upper
180	100		
182	96.3	77.5	116.3
145	27.1	23.4	35.2





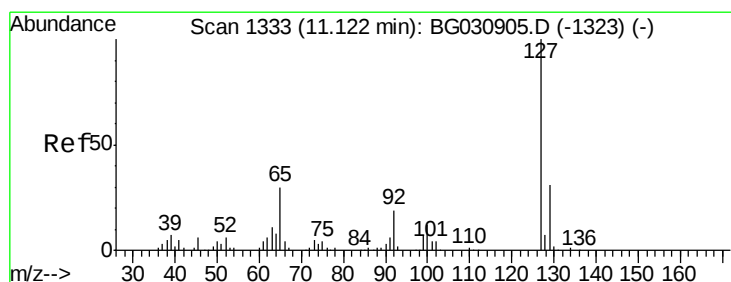
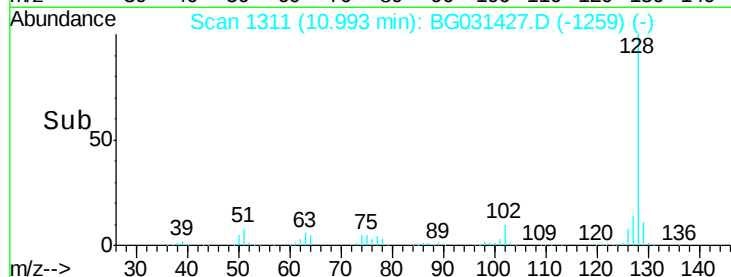
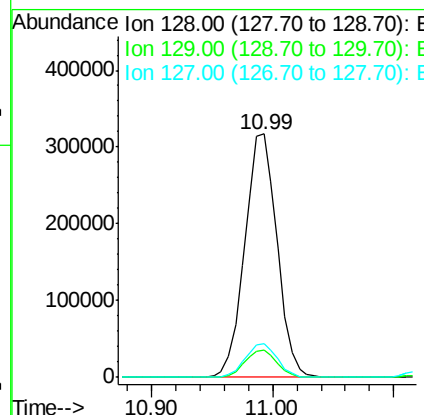
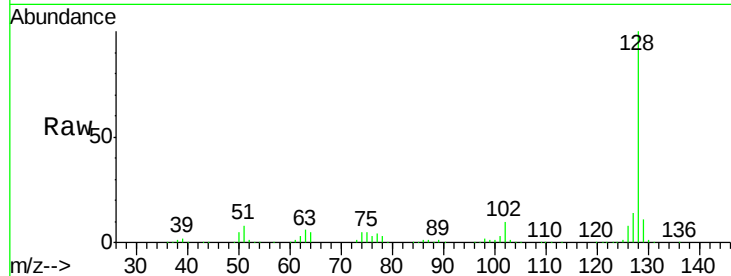
#31
Naphthalene
Concen: 60.890 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	590615		
129	11.2	8.6	12.8	
127	13.8	11.6	17.4	

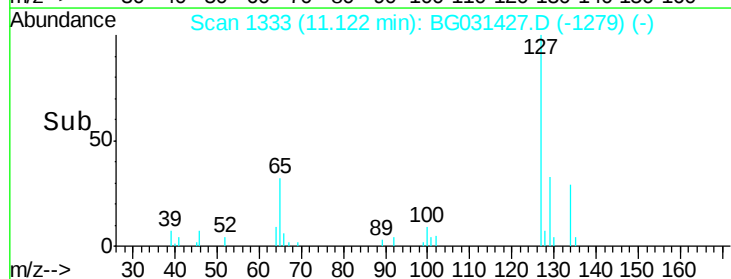
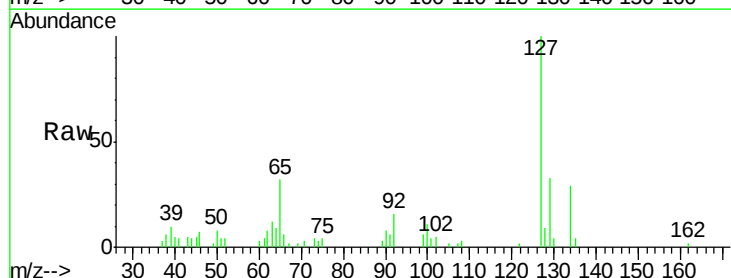
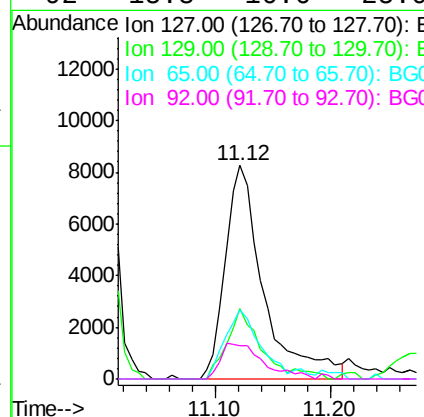
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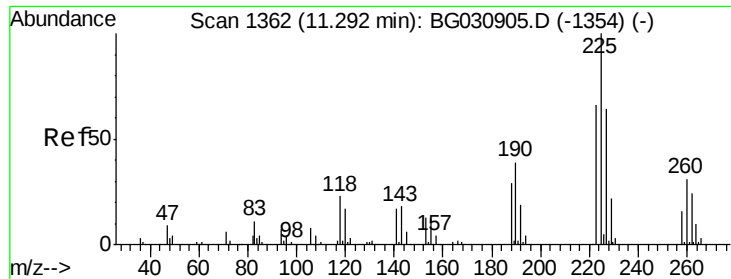
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#33
4-Chloroaniline
Concen: 4.497 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	19096		
129	32.8	24.0	36.0	
65	32.5	27.0	40.4	
92	15.8	16.6	25.0	#





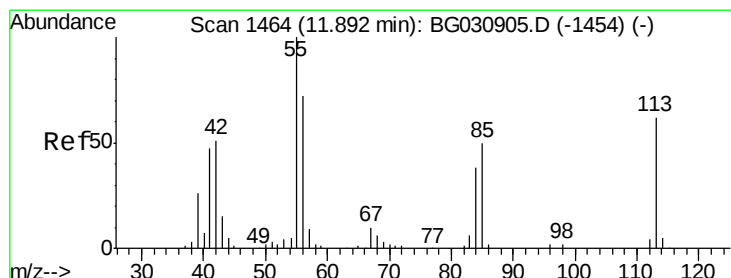
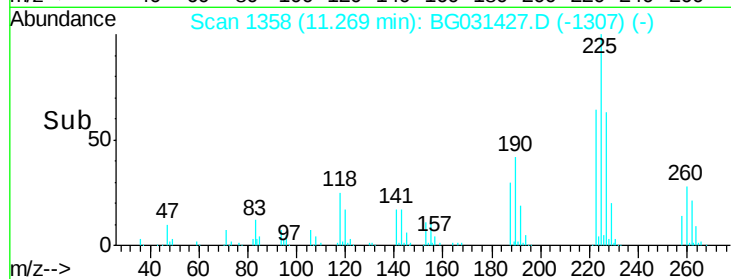
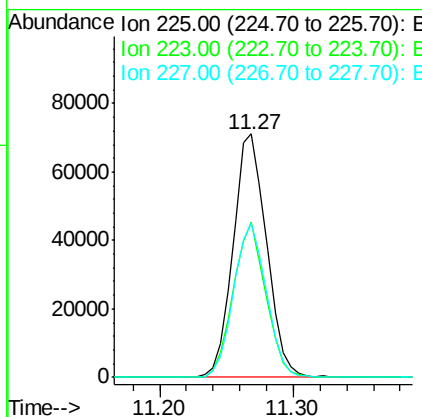
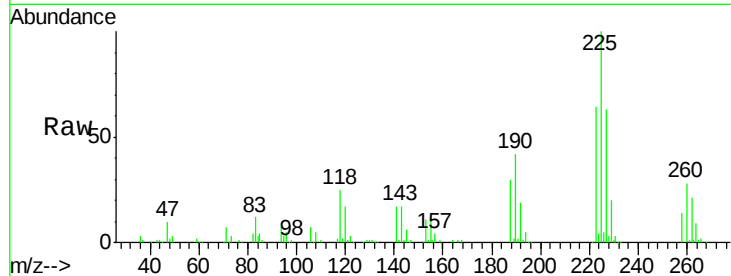
#34
Hexachlorobutadiene
Concen: 47.162 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123425		
223	63.8	49.7	74.5	
227	63.0	48.1	72.1	

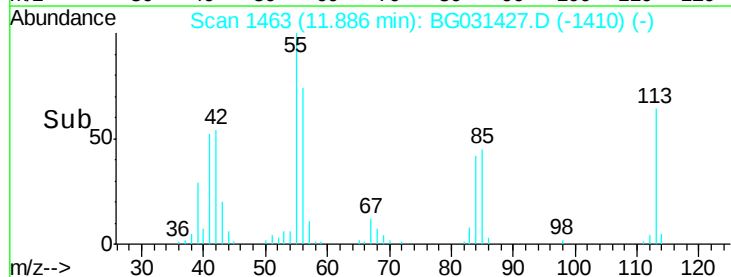
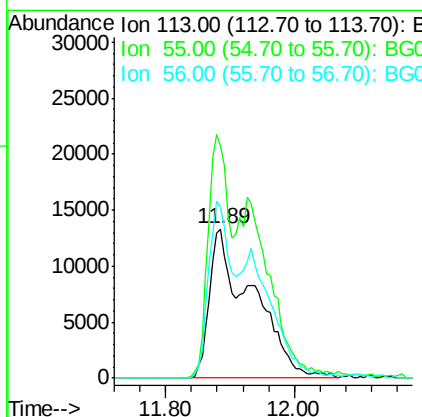
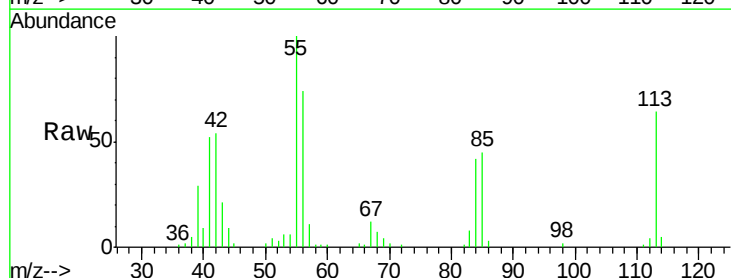
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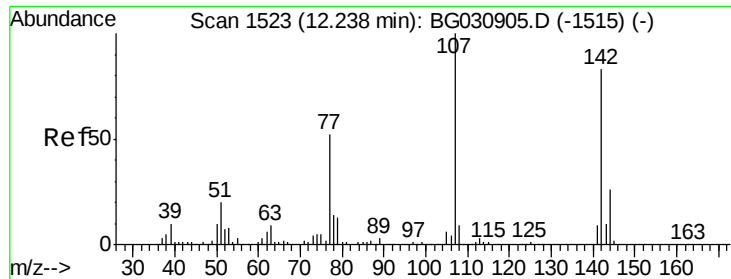
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#35
Caprolactam
Concen: 47.536 ng m
RT: 11.89 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	61376		
55	155.6	186.9	226.9#	
56	114.7	130.9	170.9#	





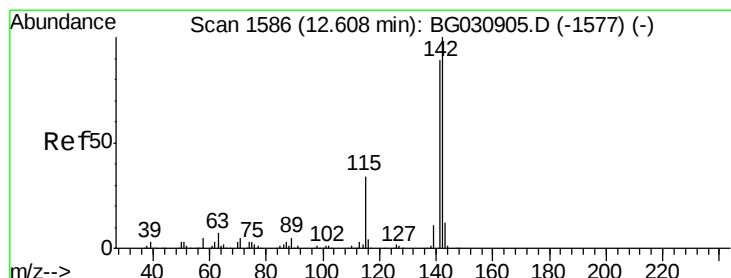
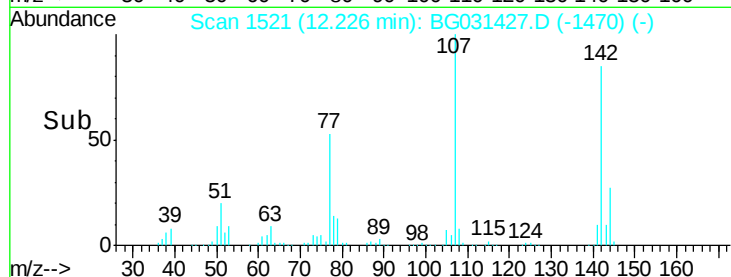
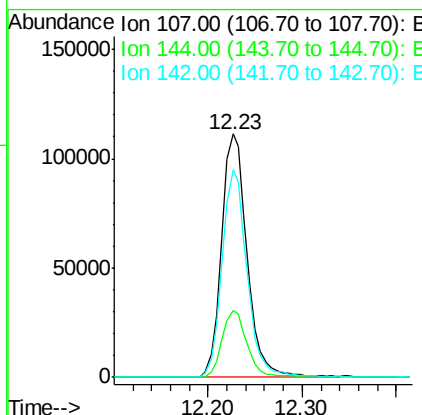
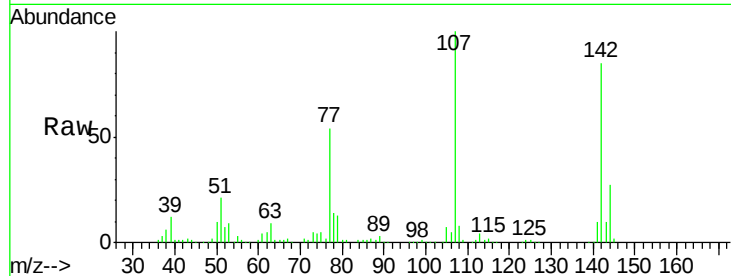
#36
 4-Chloro-3-methylphenol
 Concen: 61.095 ng
 RT: 12.23 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	18.2	27.4
142	85.1	59.0	88.4

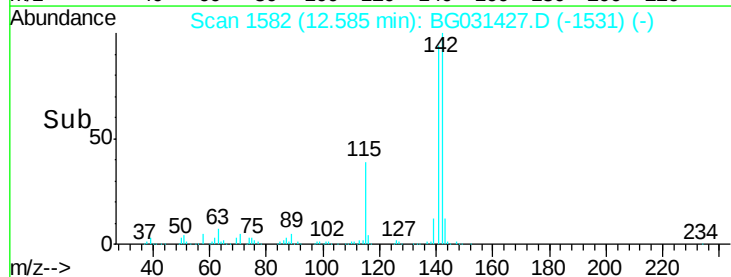
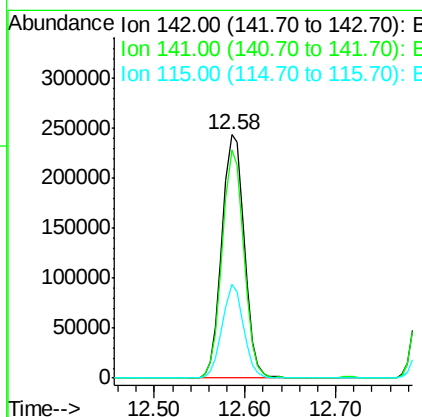
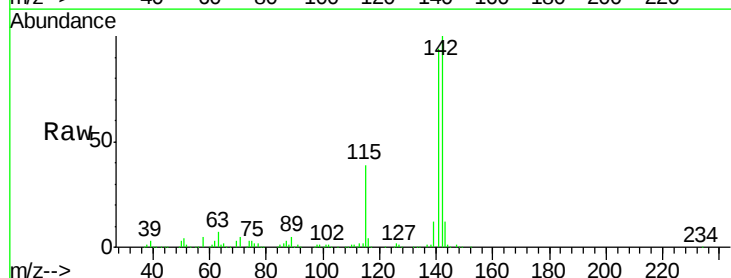
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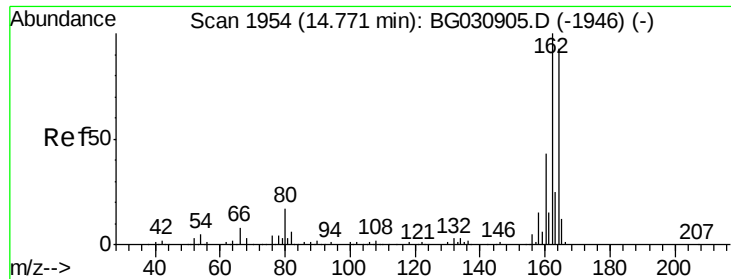
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#37
 2-Methylnaphthalene
 Concen: 56.080 ng
 RT: 12.58 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	67.1	100.7
115	38.7	30.7	46.1





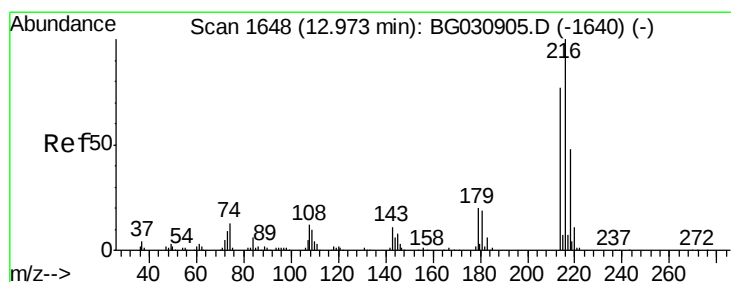
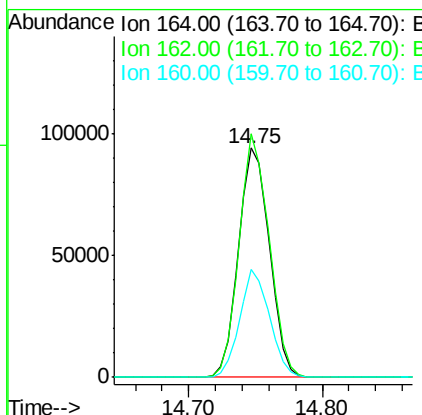
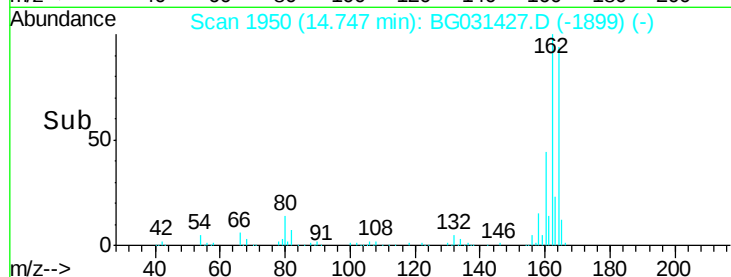
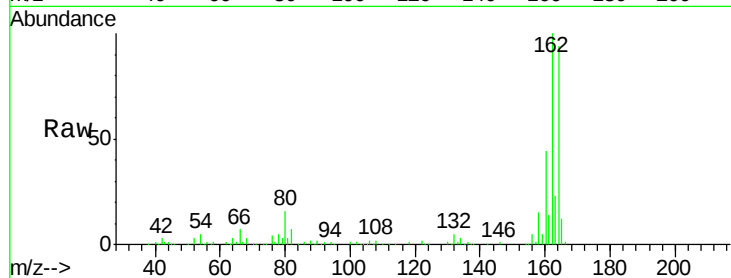
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150560		
162	106.3	78.8	118.2	
160	47.3	35.4	53.0	

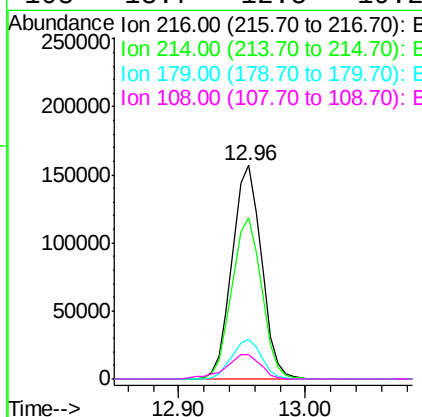
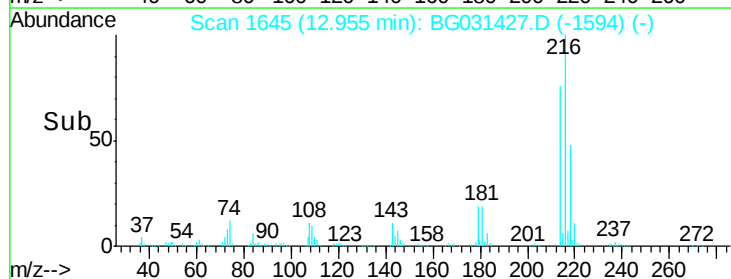
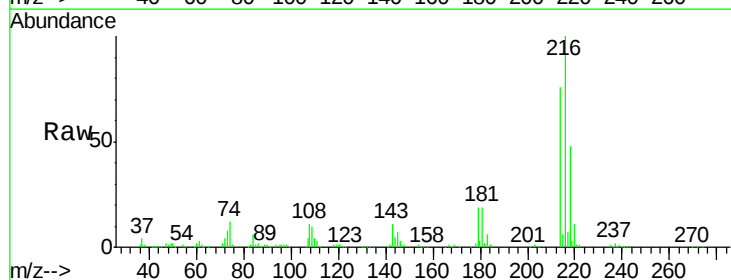
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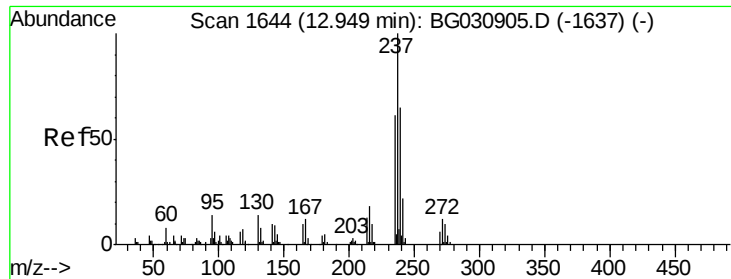
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.194 ng
RT: 12.96 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	252138		
214	76.4	63.0	94.4	
179	18.6	17.0	25.6	
108	13.7	12.8	19.2	





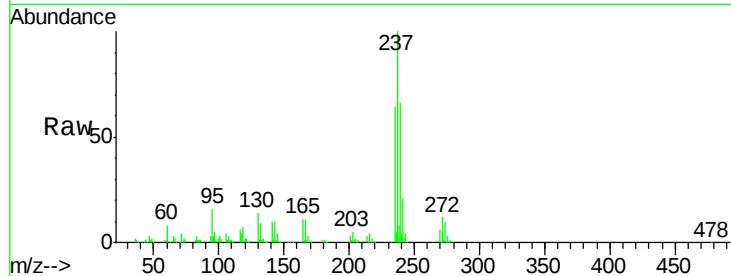
#40
Hexachlorocyclopentadiene
Concen: 80.700 ng
RT: 12.93 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

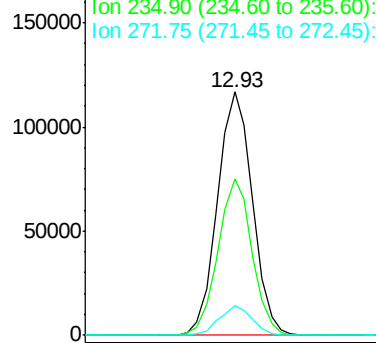
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.5	50.4	90.4
272	12.1	0.0	31.8

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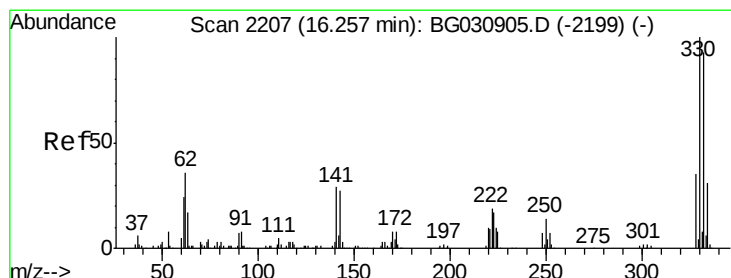
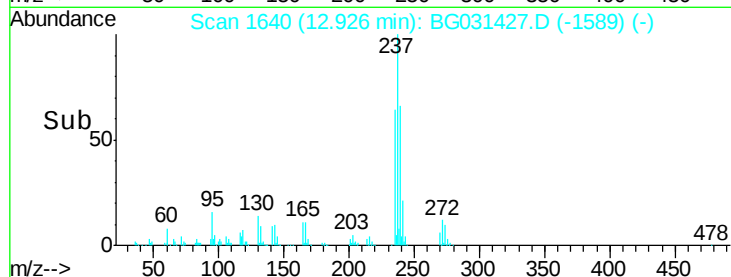
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

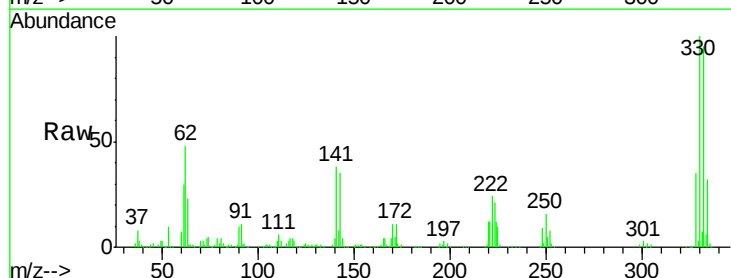


Time-->

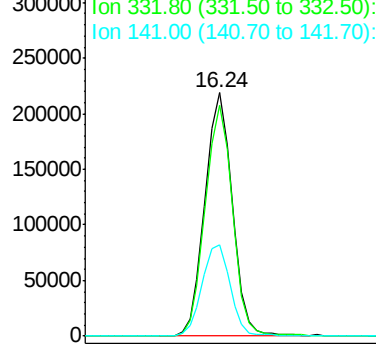


#41
2,4,6-Tribromophenol
Concen: 134.233 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

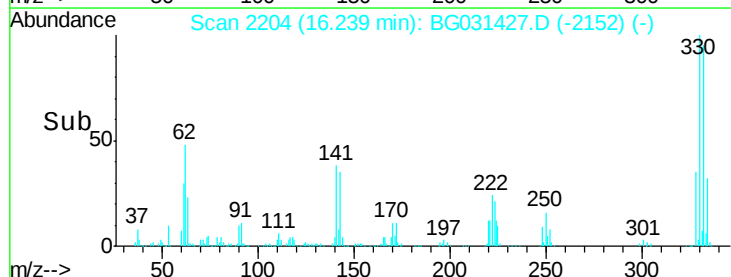
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.2	77.0	115.6
141	38.7	25.2	37.8

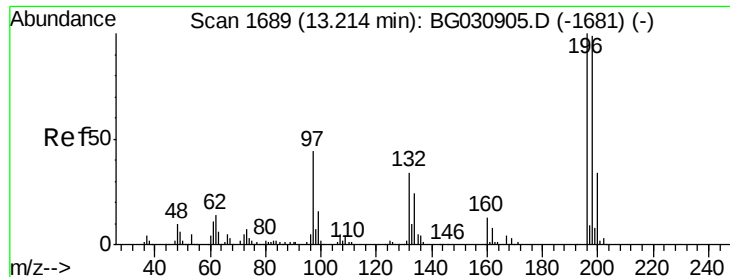


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#42

2,4,6-Trichlorophenol

Concen: 54.018 ng

RT: 13.20 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

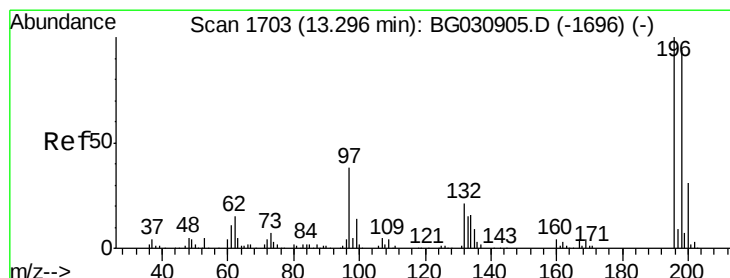
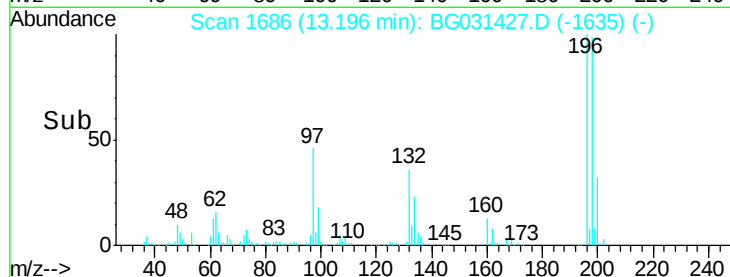
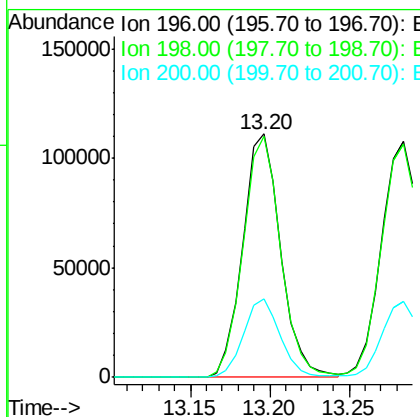
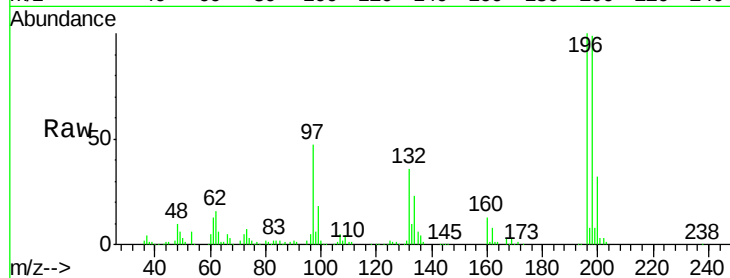
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:	196	Resp:	184529
Ion Ratio	Lower	Upper	
196	100		
198	99.2	78.2	117.2
200	32.4	24.6	36.8

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 53.846 ng

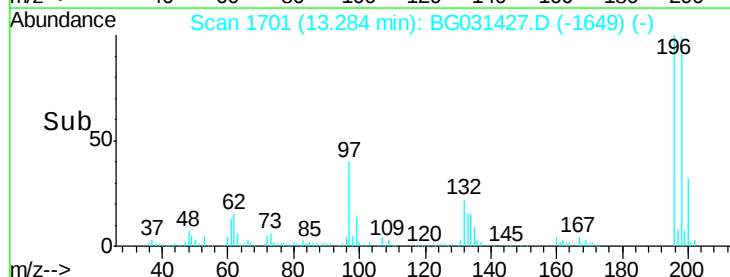
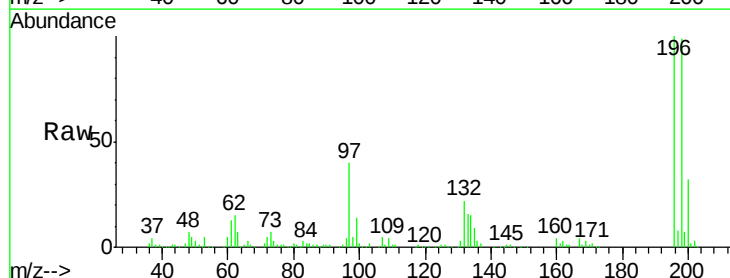
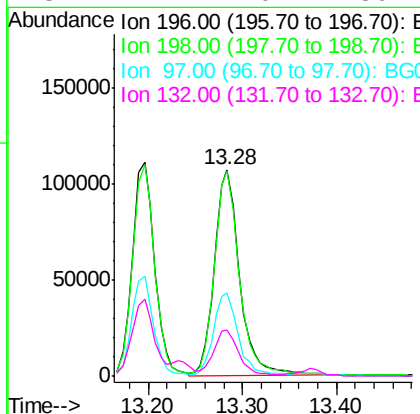
RT: 13.28 min Scan# 1701

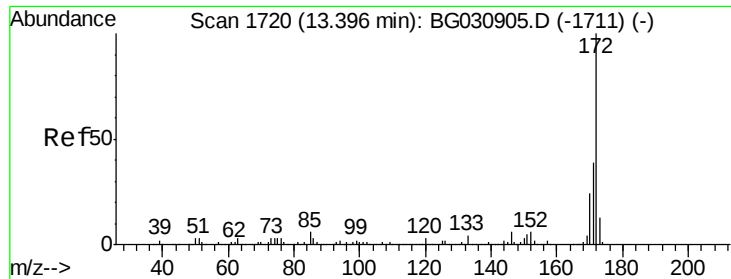
Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	196	Resp:	201255
Ion Ratio	Lower	Upper	
196	100		
198	99.1	76.2	114.4
97	40.0	38.7	58.1
132	22.2	20.2	30.2





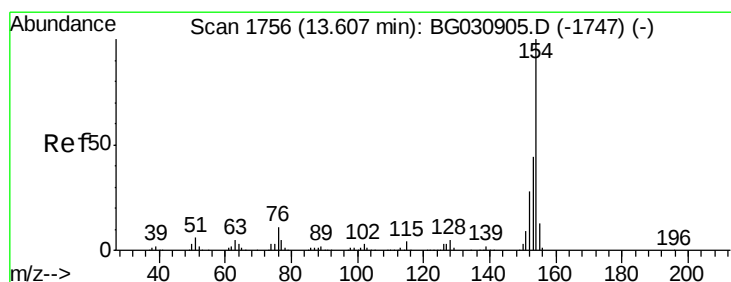
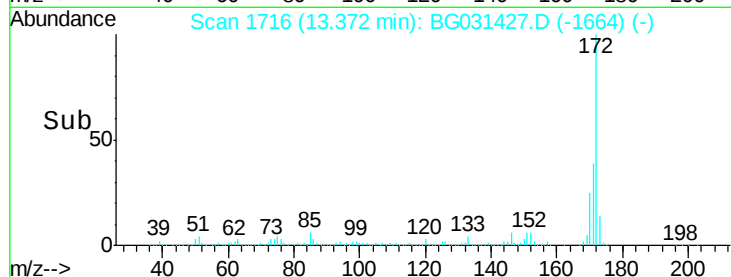
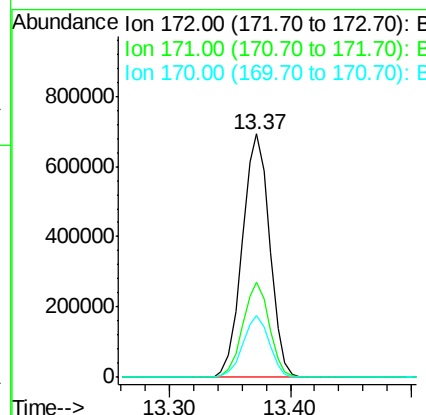
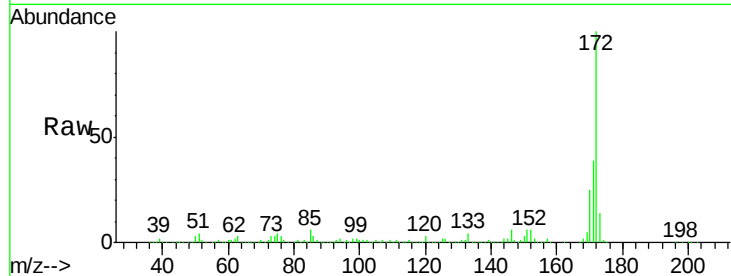
#44
 2-Fluorobiphenyl
 Concen: 104.429 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.2	19.5	29.3

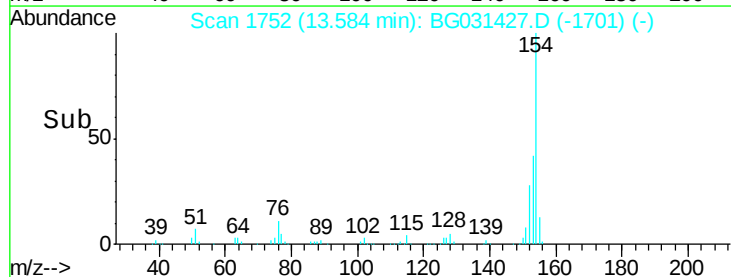
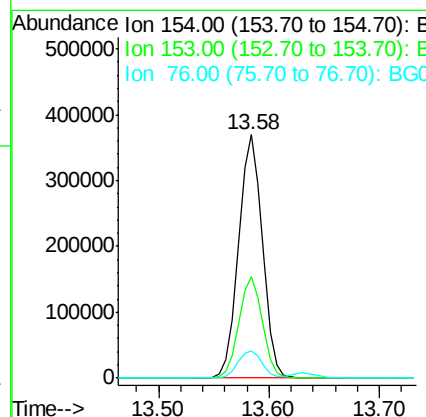
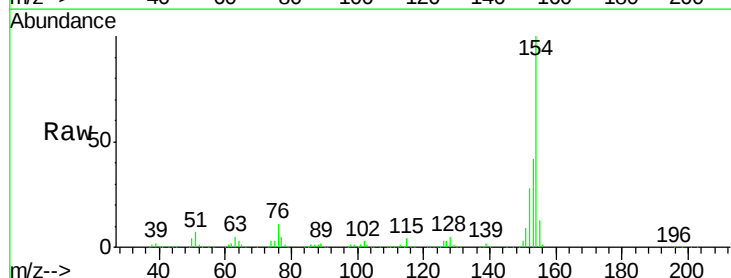
Manual Integrations
 APPROVED

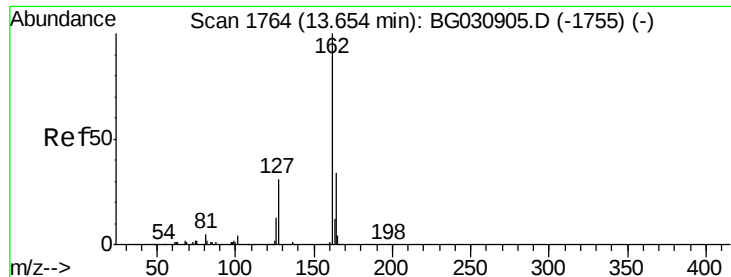
Sohil
 12/11/2017 6:17:24 PM



#45
 1,1'-Biphenyl
 Concen: 44.903 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	11.0	0.0	31.9





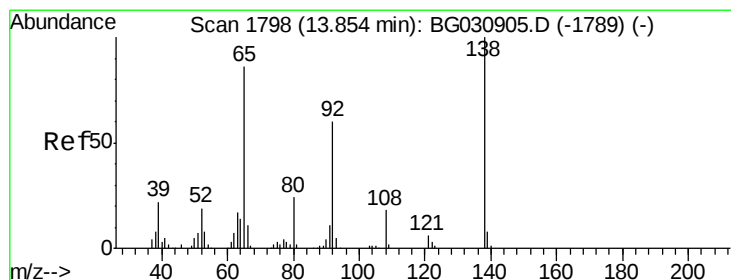
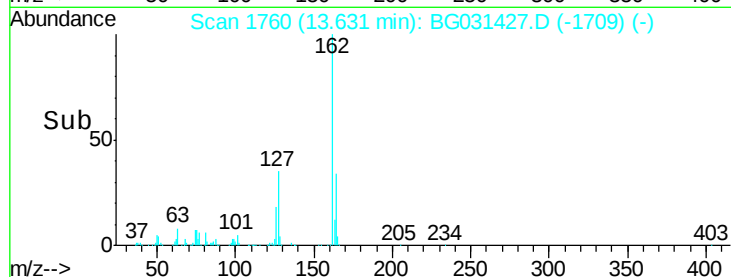
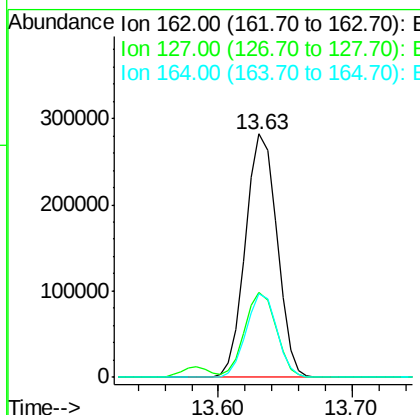
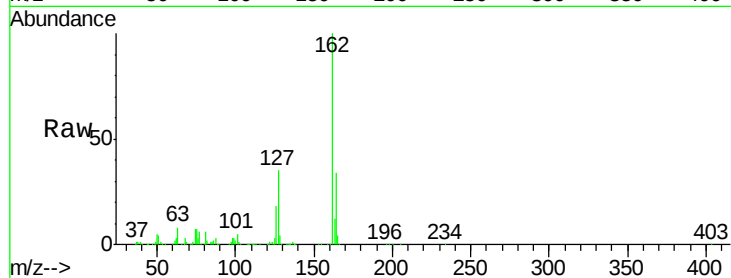
#46
2-Chloronaphthalene
Concen: 51.176 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	460993		
127	34.8	30.7	46.1	
164	34.1	26.0	39.0	

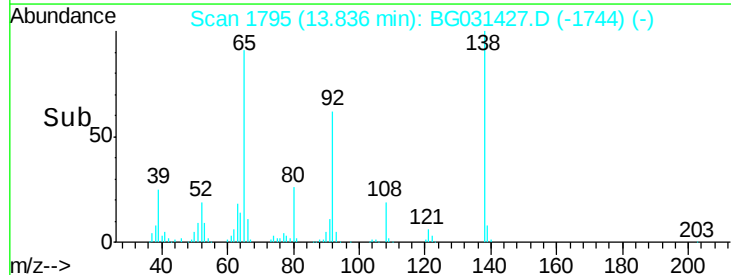
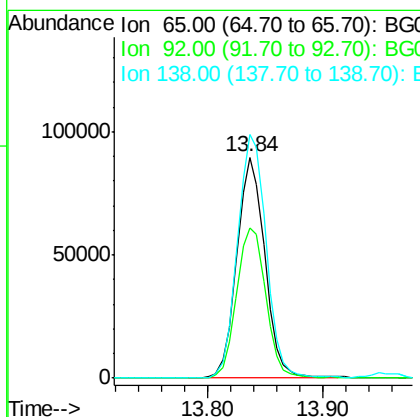
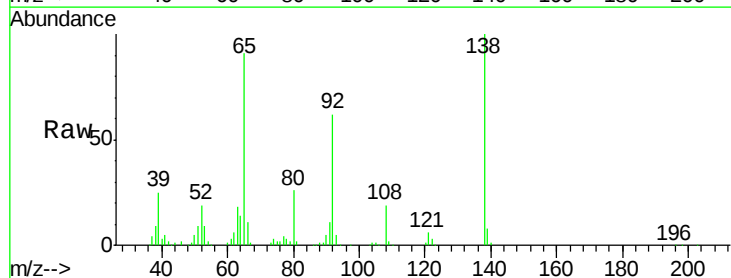
Manual Integrations
APPROVED

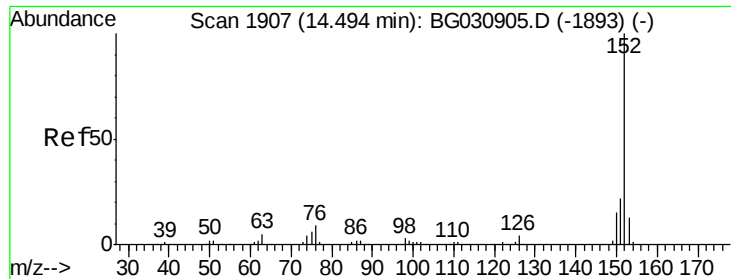
Sohil
12/11/2017 6:17:24 PM



#47
2-Nitroaniline
Concen: 56.693 ng
RT: 13.84 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151367		
92	68.1	54.6	82.0	
138	110.1	72.9	109.3	





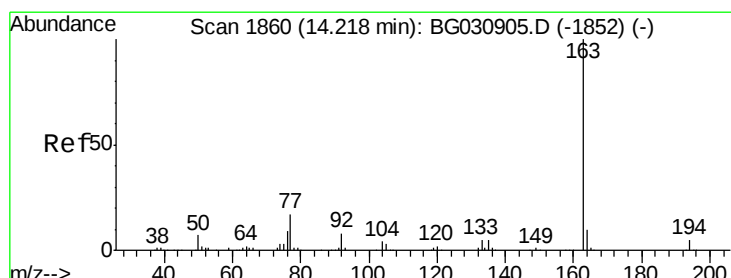
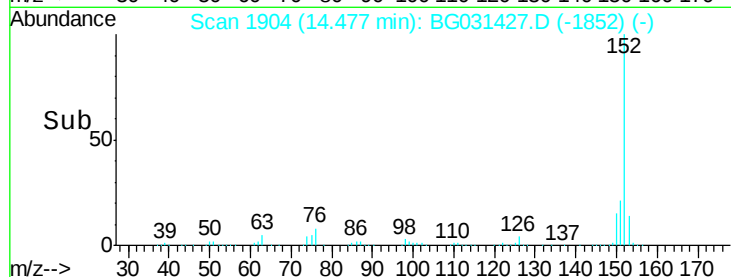
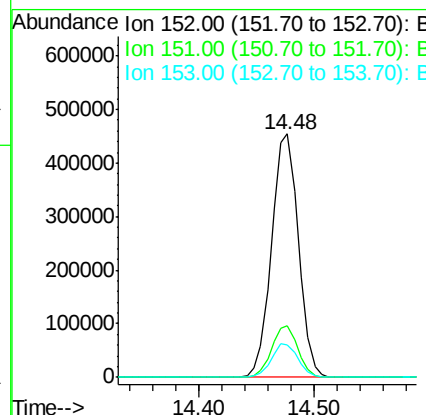
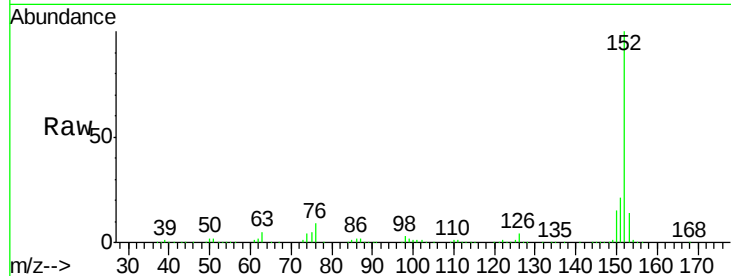
#48
Acenaphthylene
Concen: 50.009 ng
RT: 14.48 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.5	10.2	15.4

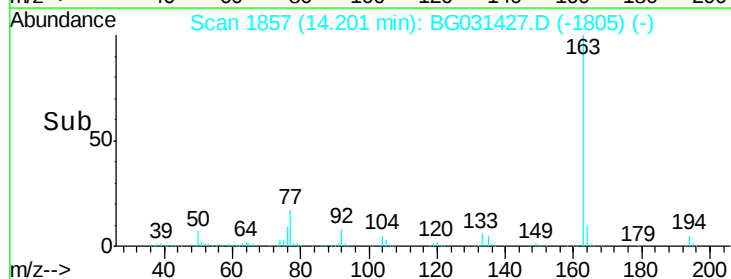
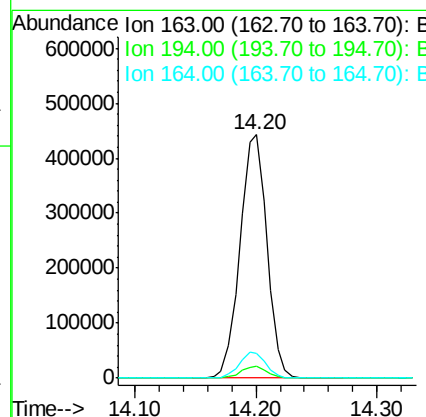
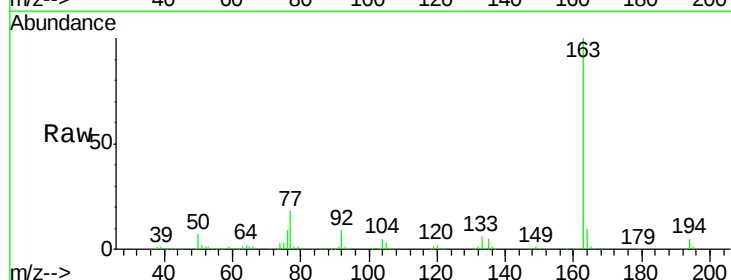
Manual Integrations
APPROVED

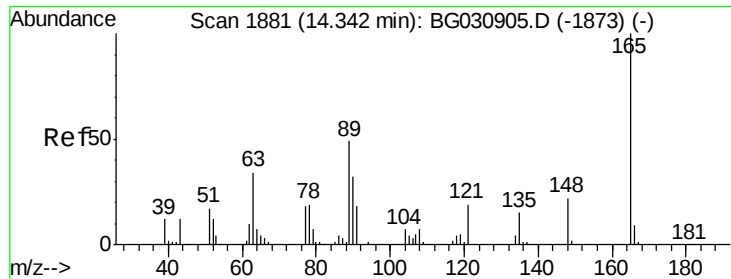
Sohil
12/11/2017 6:17:24 PM



#49
Dimethylphthalate
Concen: 52.881 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.2	8.2	12.4





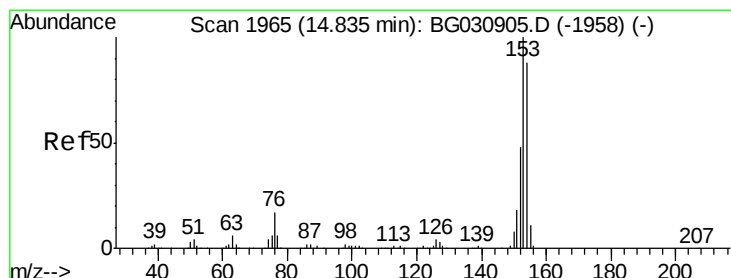
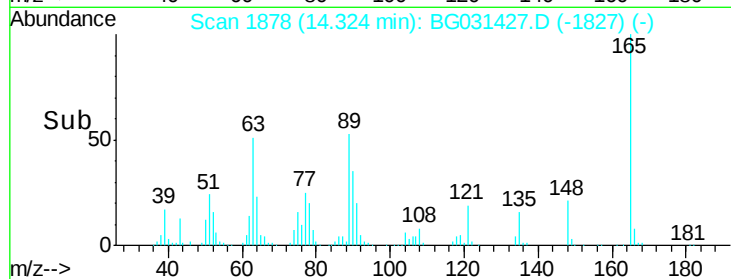
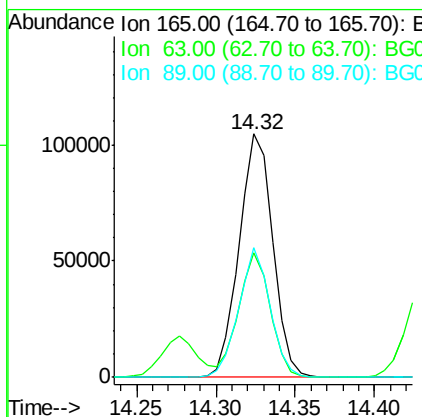
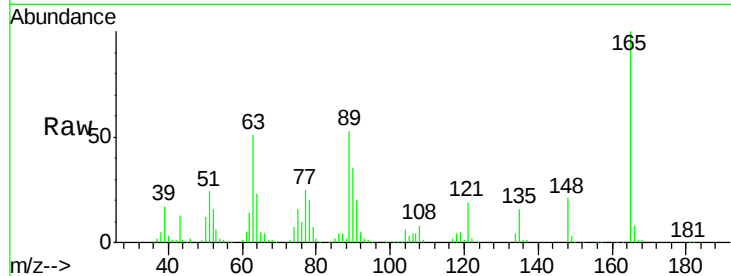
#50
 2,6-Dinitrotoluene
 Concen: 57.330 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.0	52.7	79.1#
89	53.1	49.2	73.8

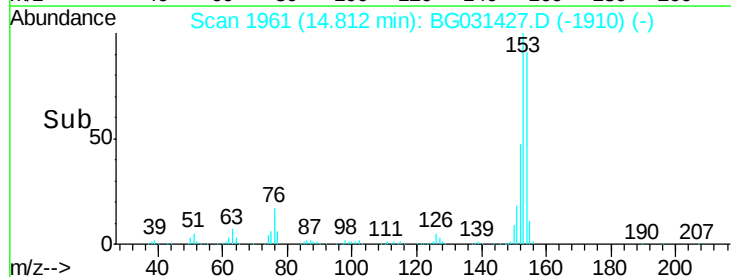
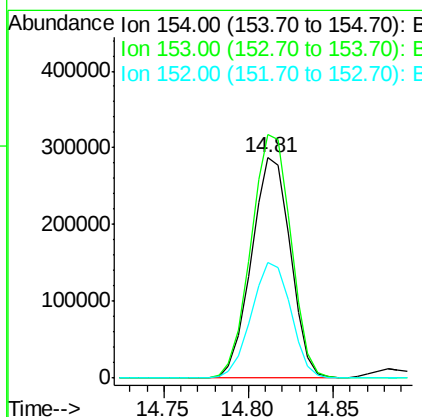
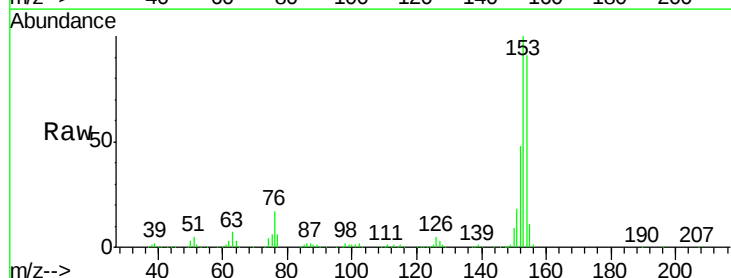
Manual Integrations
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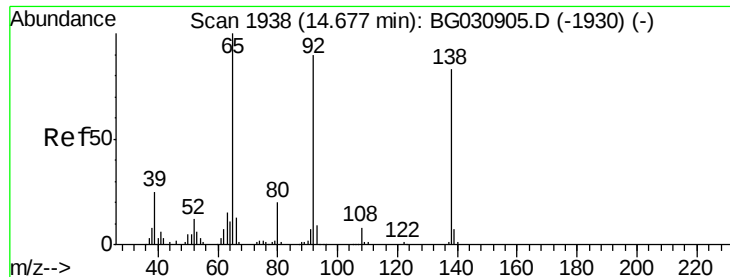
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#51
 Acenaphthene
 Concen: 50.146 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	90.4	135.6
152	52.7	41.6	62.4





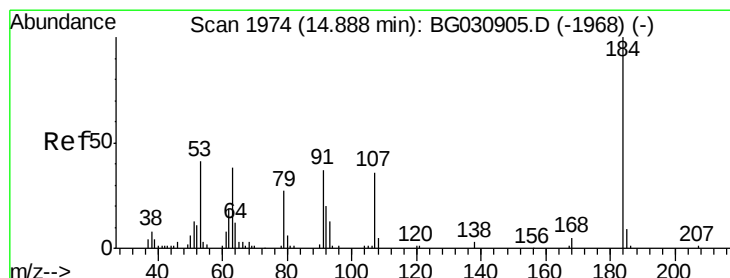
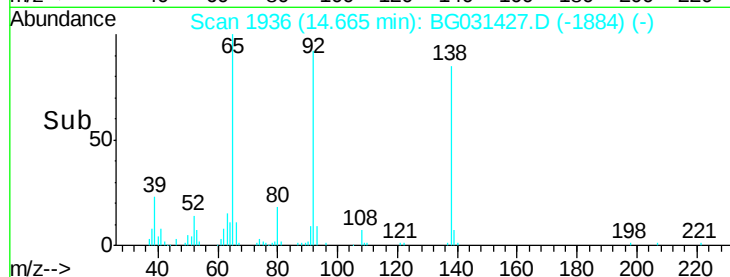
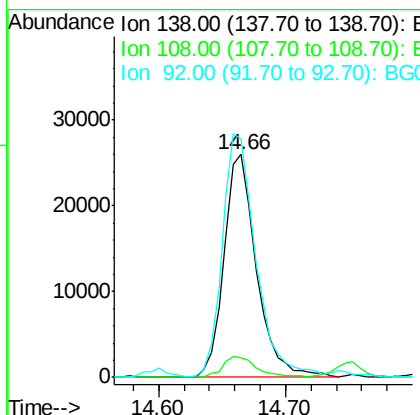
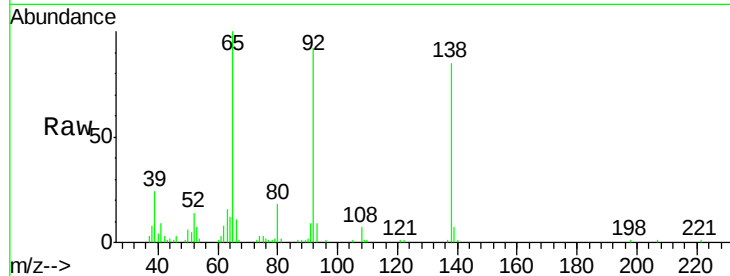
#52
3-Nitroaniline
Concen: 16.155 ng
RT: 14.66 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion:138 Resp: 46027
Ion Ratio Lower Upper
138 100
108 8.6 17.5 26.3#
92 107.3 105.8 158.8

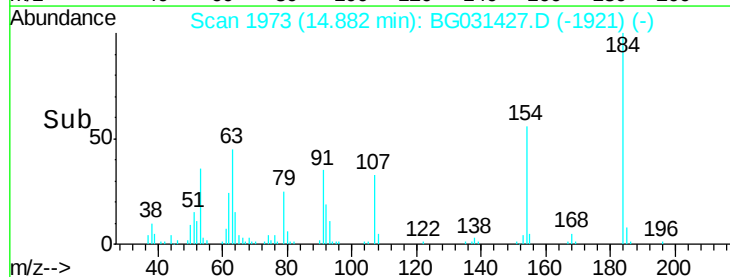
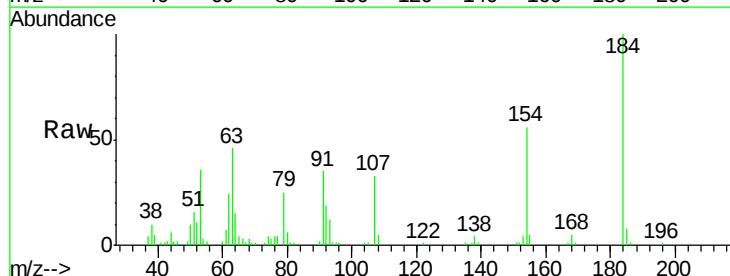
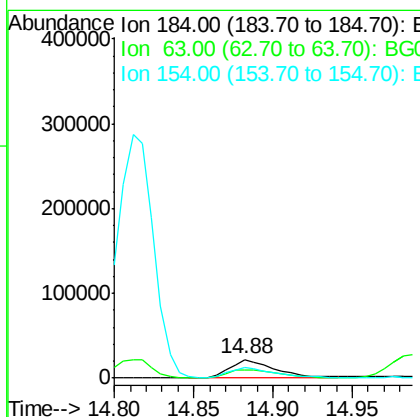
Manual Integrations
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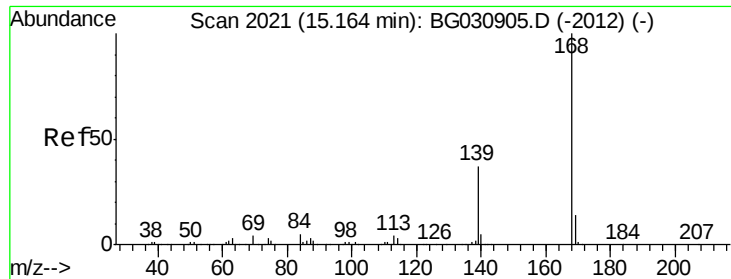
Sohil
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#53
2,4-Dinitrophenol
Concen: 33.529 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion:184 Resp: 44067
Ion Ratio Lower Upper
184 100
63 45.5 59.8 89.8#
154 56.0 101.8 152.8#





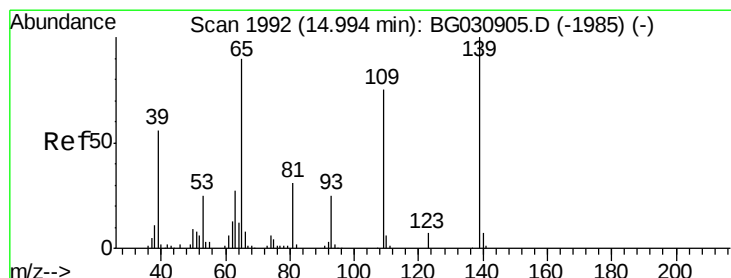
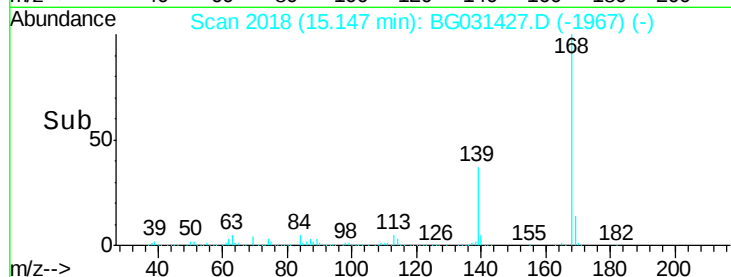
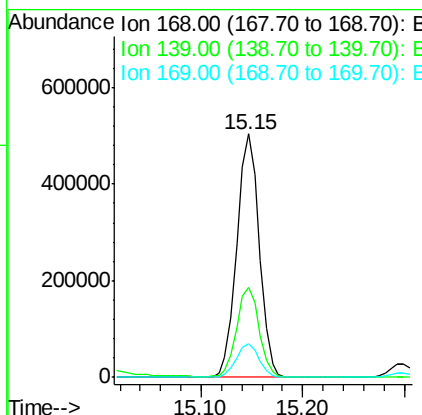
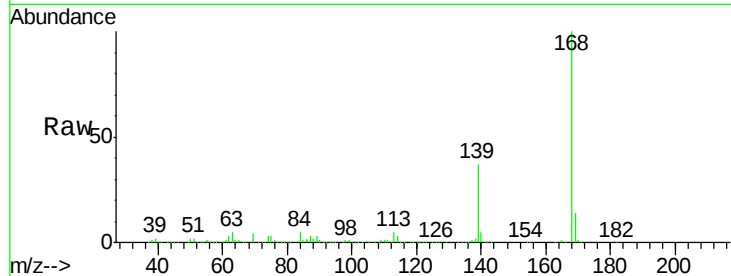
#54
Dibenzofuran
Concen: 52.737 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion:168 Resp: 773469
Ion Ratio Lower Upper
168 100
139 37.0 28.6 43.0
169 13.9 11.2 16.8

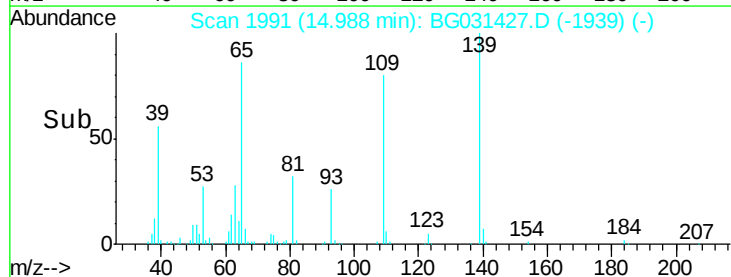
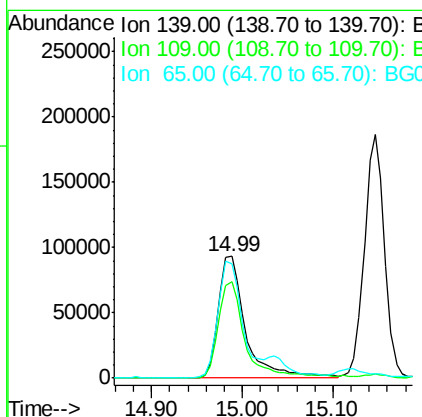
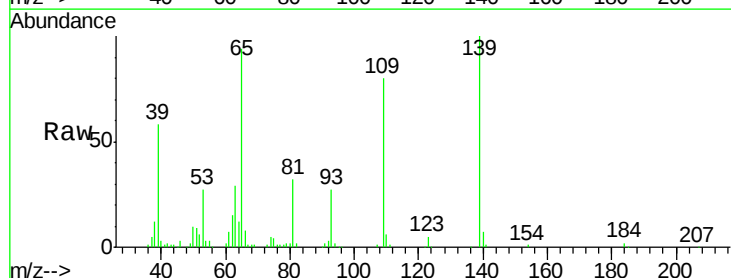
Manual Integrations
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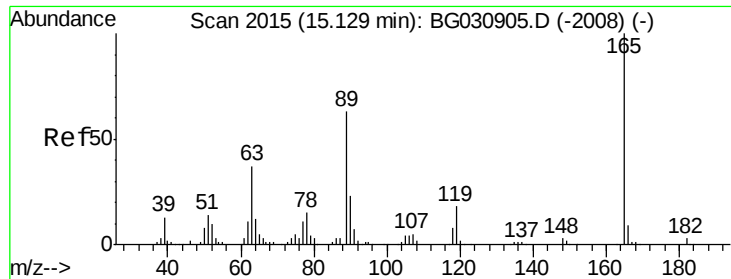
Sohil
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#55
4-Nitrophenol
Concen: 96.316 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion:139 Resp: 195474
Ion Ratio Lower Upper
139 100
109 79.6 62.2 102.2
65 94.2 97.2 137.2#





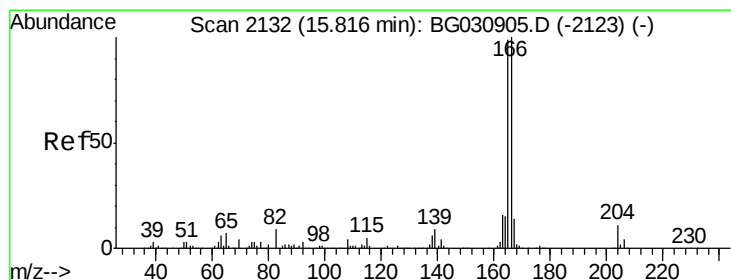
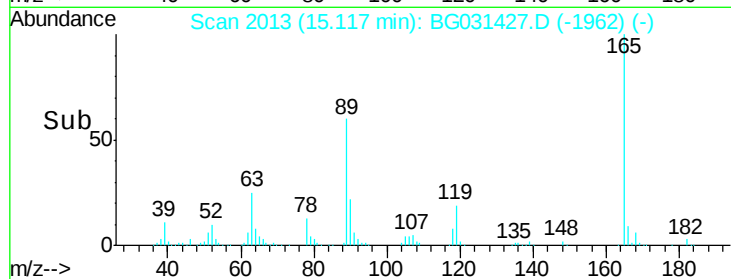
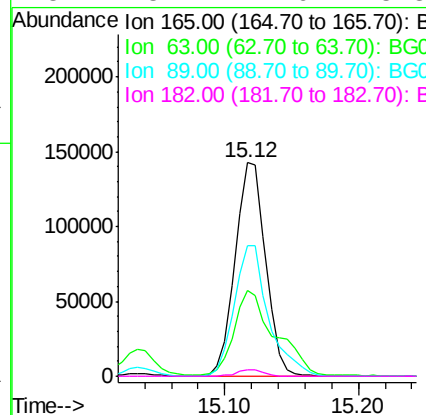
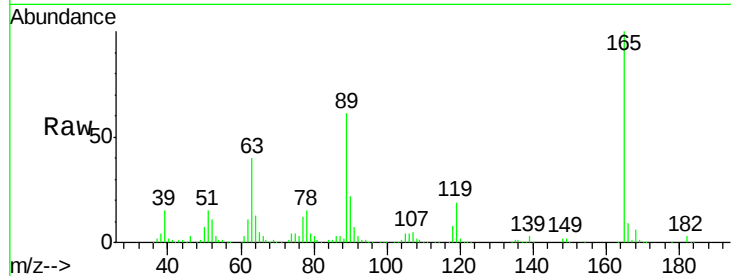
#56
2,4-Dinitrotoluene
Concen: 58.552 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	227128		
63	39.9	42.0	63.0#	
89	61.1	66.9	100.3#	
182	3.1	2.6	3.8	

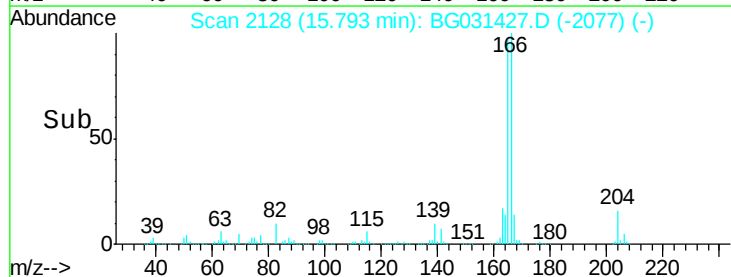
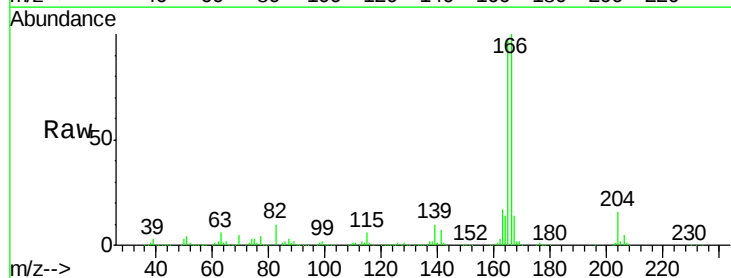
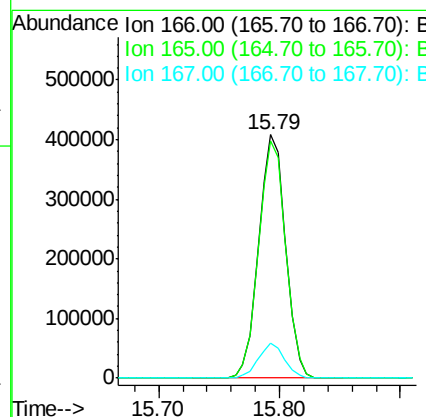
Manual Integrations
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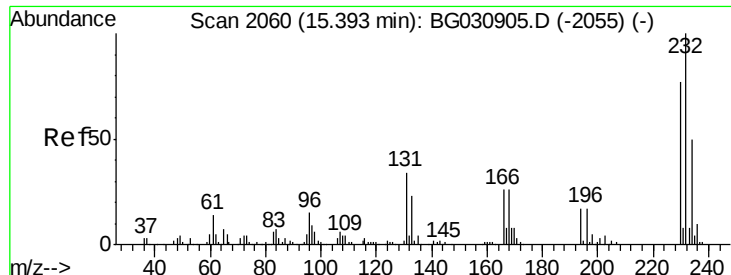
Sohil
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#57
Fluorene
Concen: 52.906 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	629960		
165	97.4	80.6	121.0	
167	14.2	10.4	15.6	





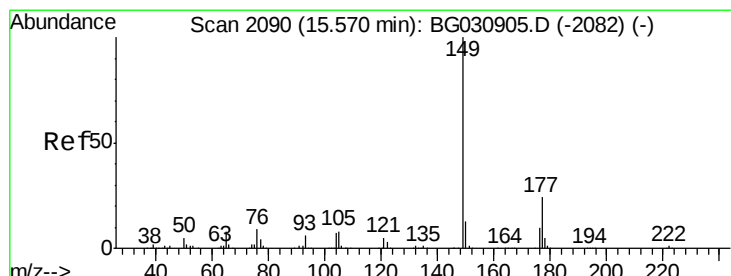
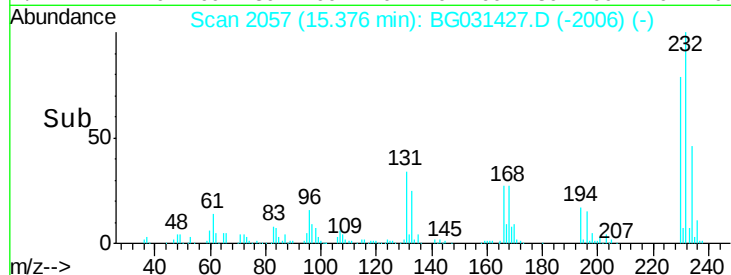
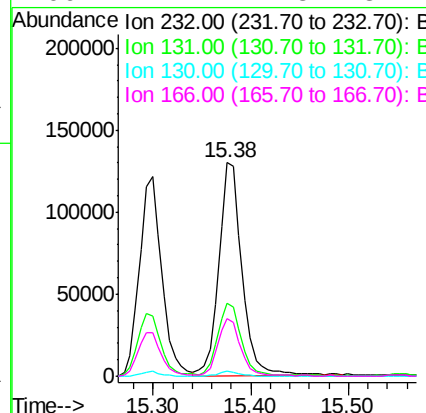
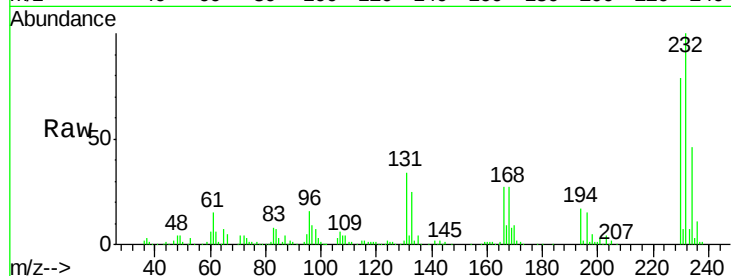
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 59.141 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	210673		
131	34.7	33.5	50.3	
130	2.2	2.2	3.2	
166	27.1	24.8	37.2	

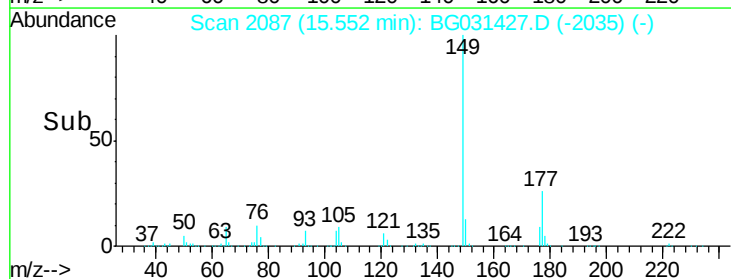
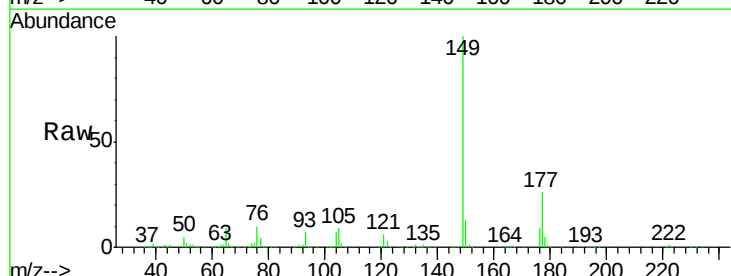
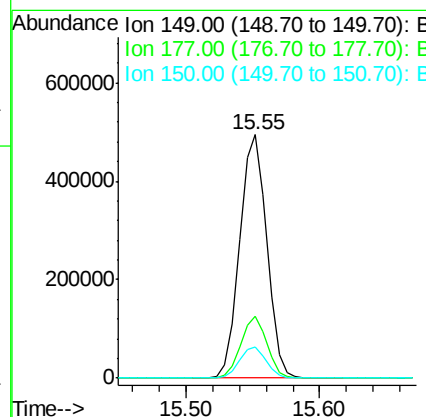
Manual Integrations
 APPROVED

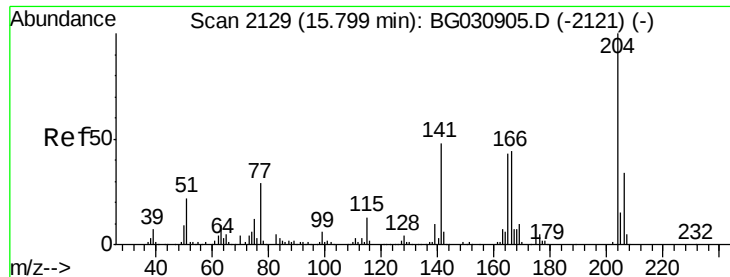
Sohil
 12/11/2017 6:17:24 PM



#59
 Diethylphthalate
 Concen: 52.416 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	693116		
177	25.7	18.5	27.7	
150	12.9	10.2	15.2	





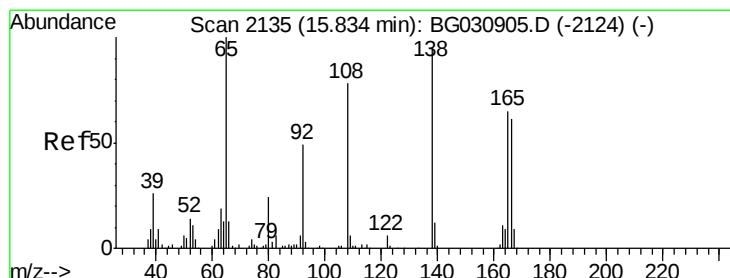
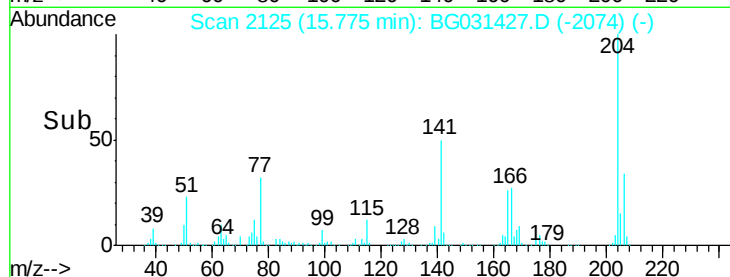
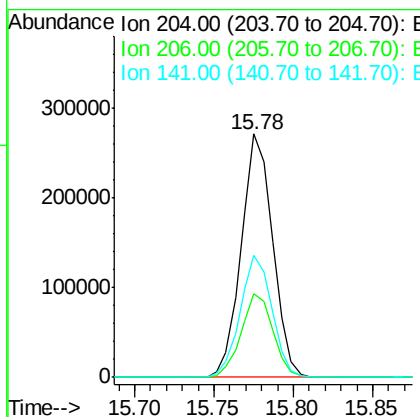
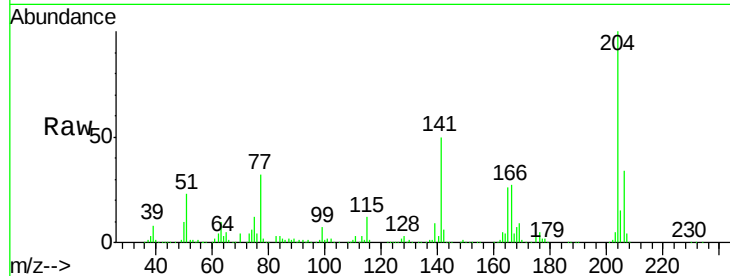
#60
 4-Chlorophenyl-phenylether
 Concen: 51.946 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	50.3	45.8	68.6

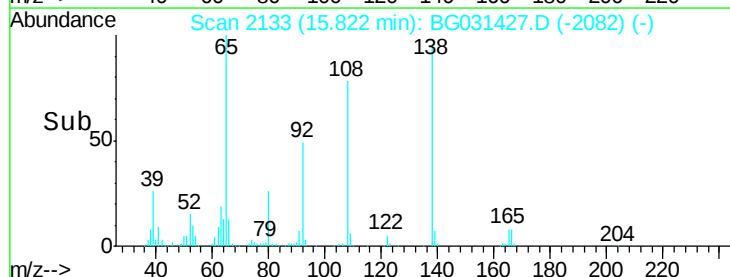
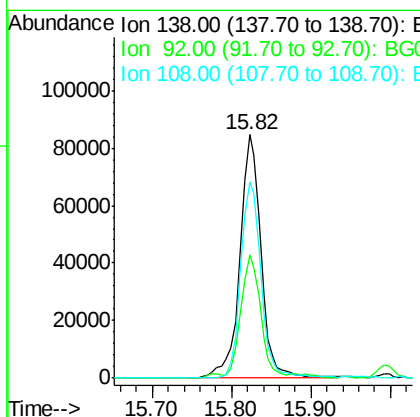
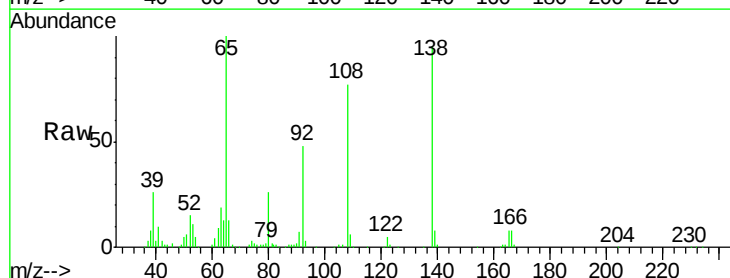
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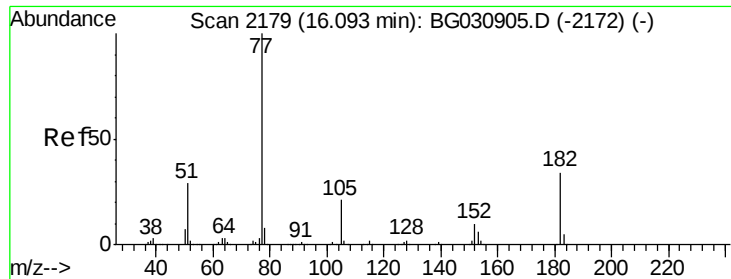
Sohil
 12/11/2017 6:17:24 PM



#61
 4-Nitroaniline
 Concen: 51.995 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	40.1	80.1
108	80.8	65.4	105.4





#62

Azobenzene

Concen: 56.864 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

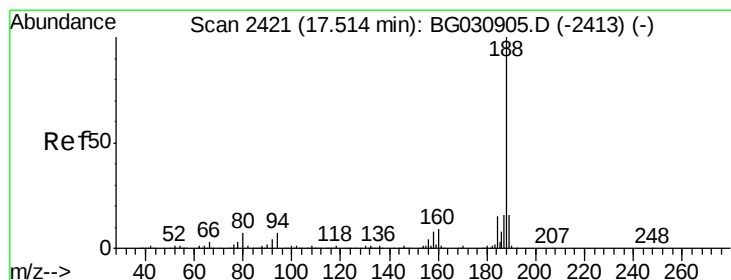
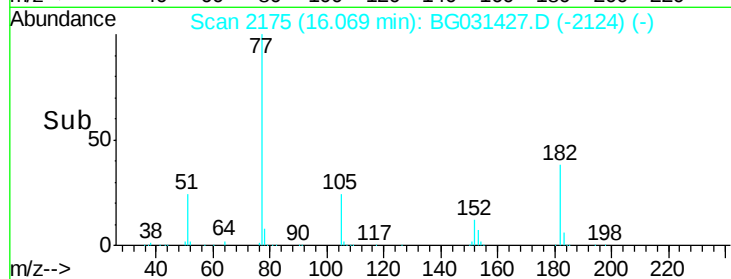
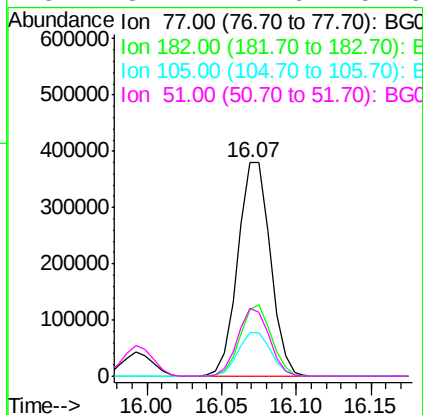
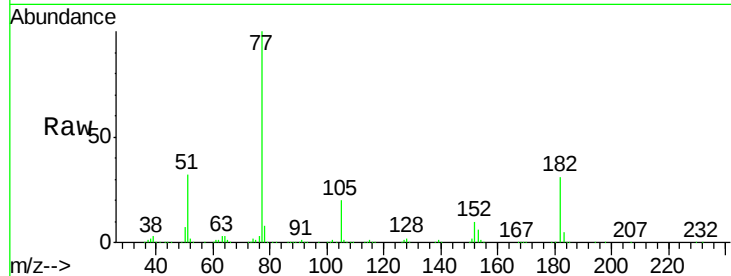
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.9	7.4	47.4
105	20.1	0.3	40.3
51	31.7	11.6	51.6

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#63

Phenanthrene-d10

Concen: 20.000 ng

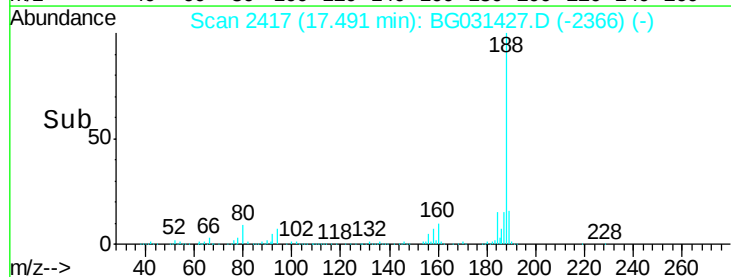
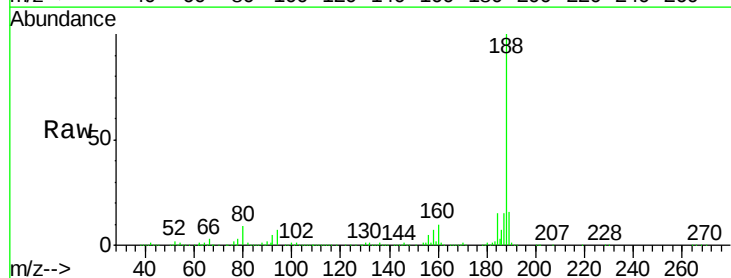
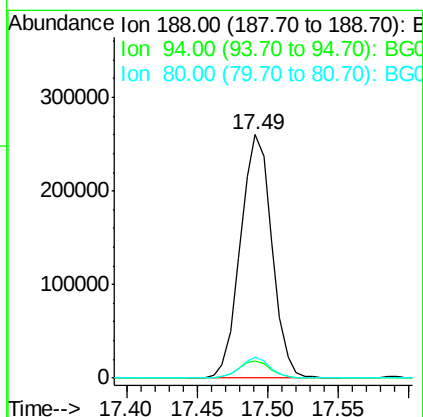
RT: 17.49 min Scan# 2417

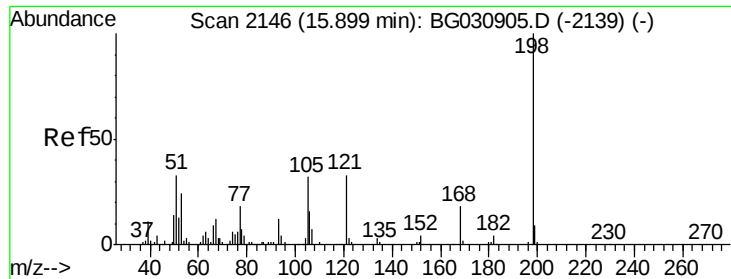
Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	8.6	7.7	11.5





#64

4,6-Dinitro-2-methylphenol

Concen: 24.179 ng

RT: 15.89 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

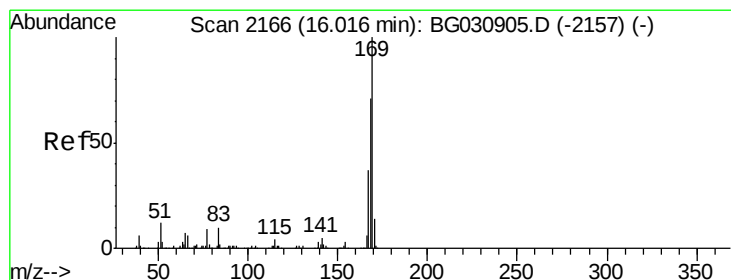
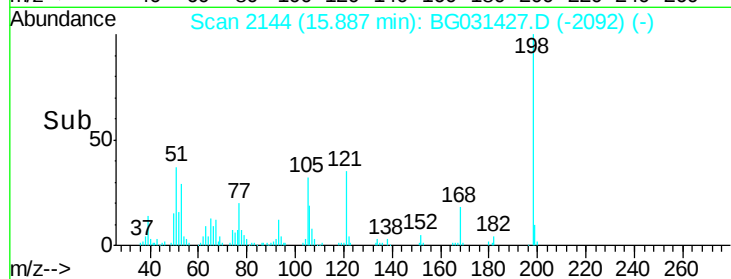
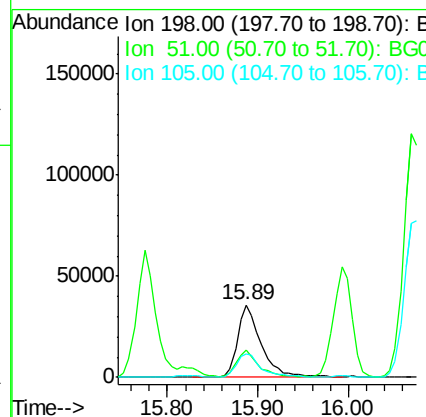
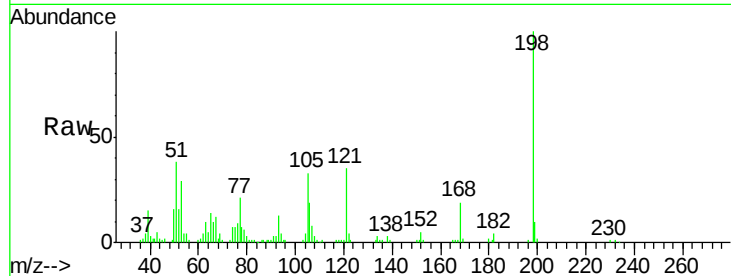
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:	198	Resp:	65170
Ion Ratio	Lower	Upper	
198	100		
51	37.7	30.6	70.6
105	32.7	23.8	63.8

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#65

n-Nitrosodiphenylamine

Concen: 48.312 ng

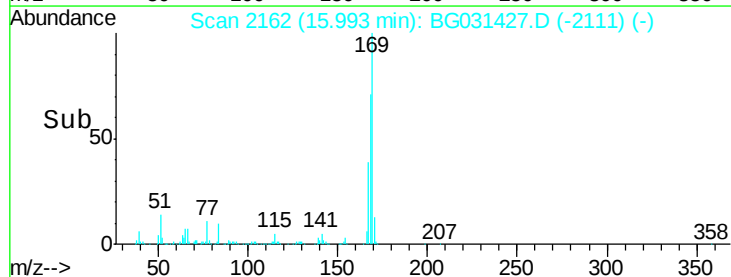
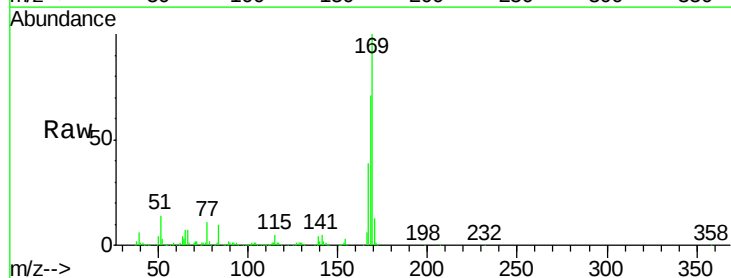
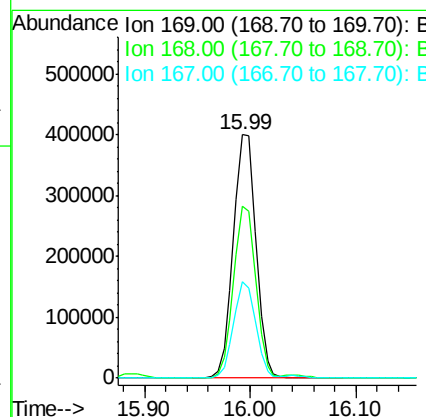
RT: 15.99 min Scan# 2162

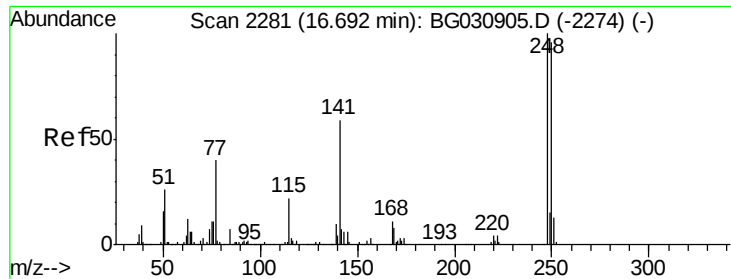
Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	169	Resp:	593651
Ion Ratio	Lower	Upper	
169	100		
168	70.6	55.7	83.5
167	39.4	30.1	45.1





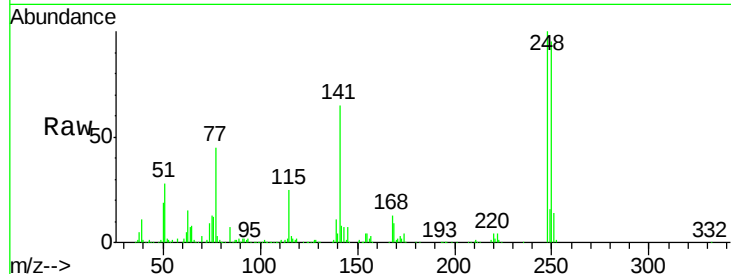
#66
 4-Bromophenyl-phenylether
 Concen: 49.584 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

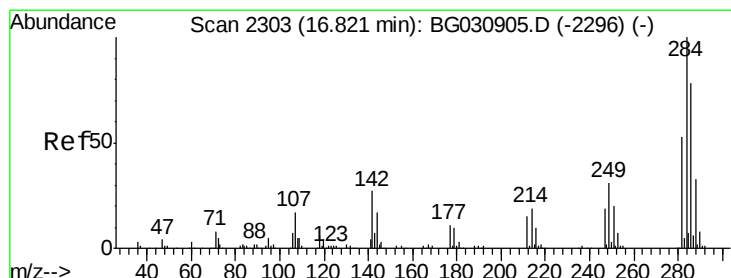
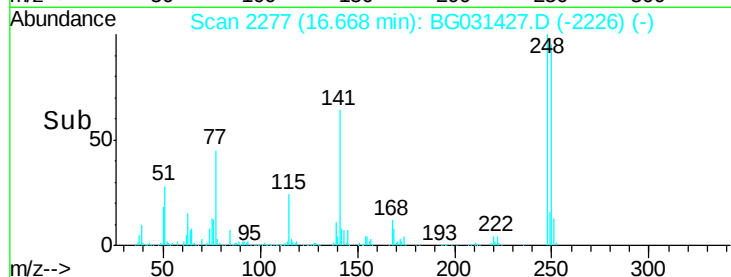
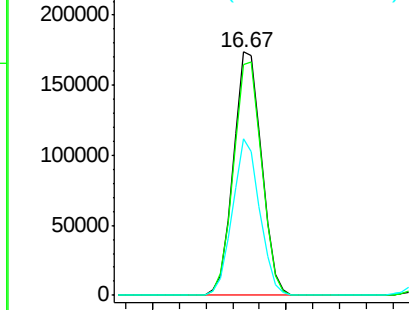
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.1	115.7
141	64.5	50.8	76.2

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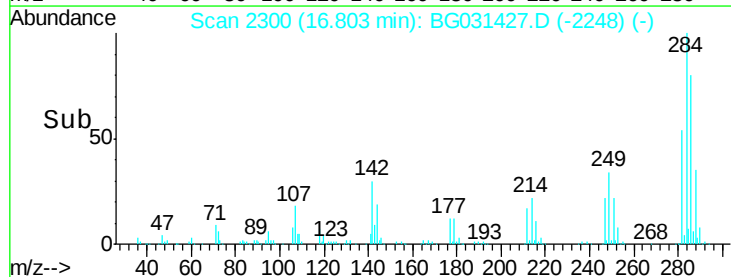
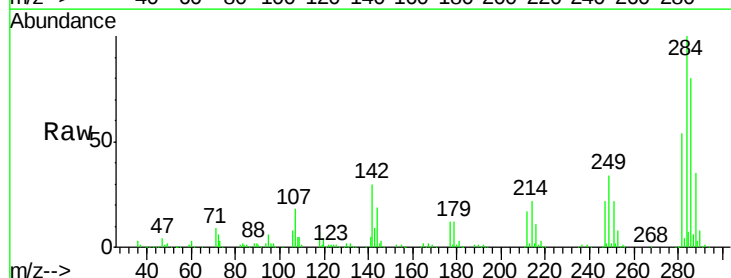
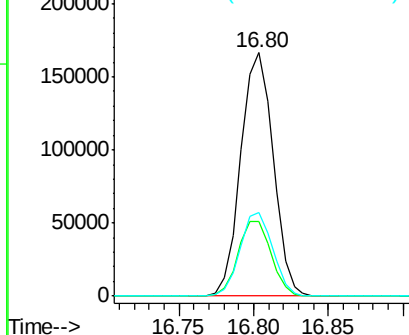
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

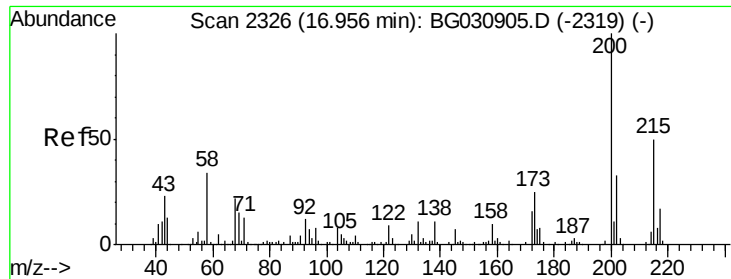


#67
 Hexachlorobenzene
 Concen: 46.074 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	26.8	40.2
249	34.5	26.3	39.5

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





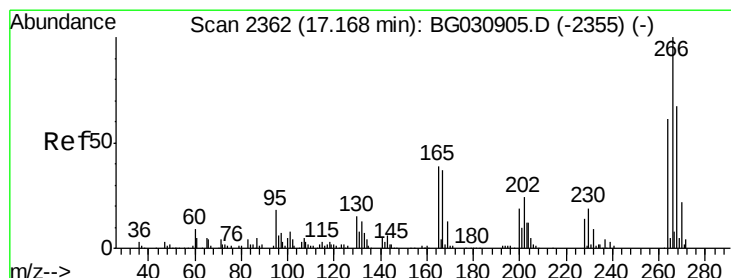
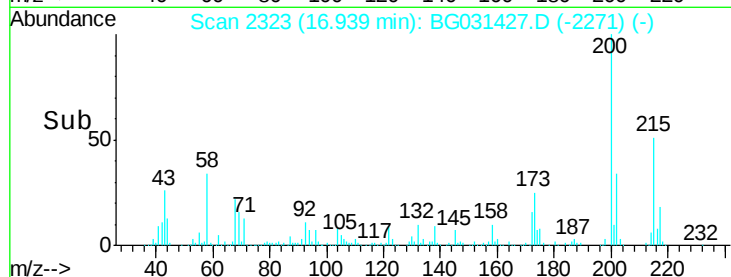
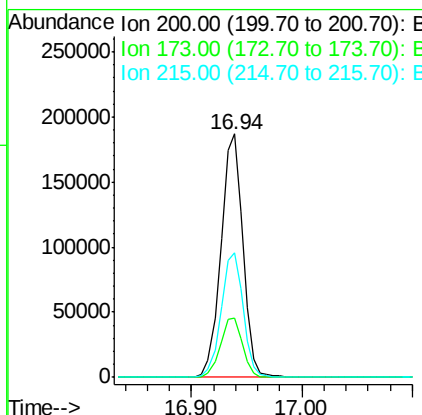
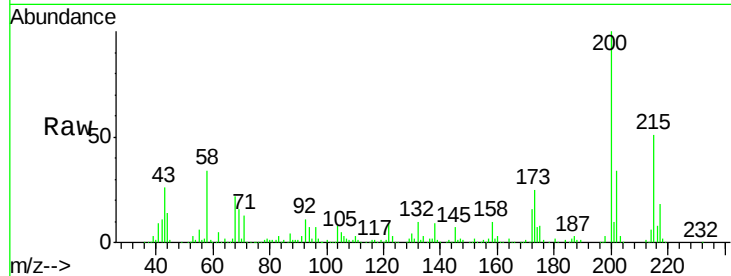
#68
Atrazine
Concen: 51.129 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	5.2	45.2
215	51.0	30.4	70.4

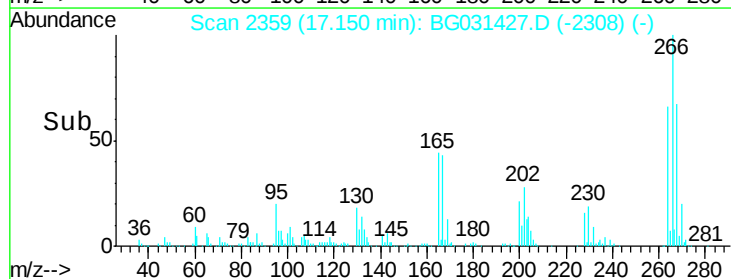
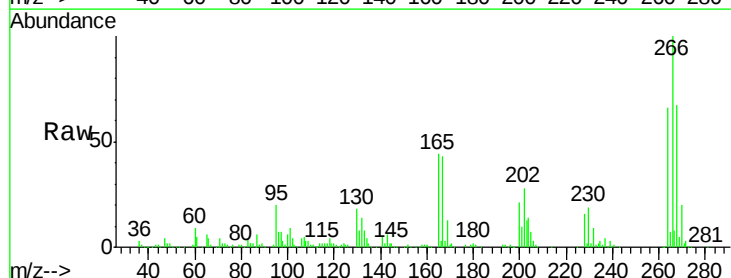
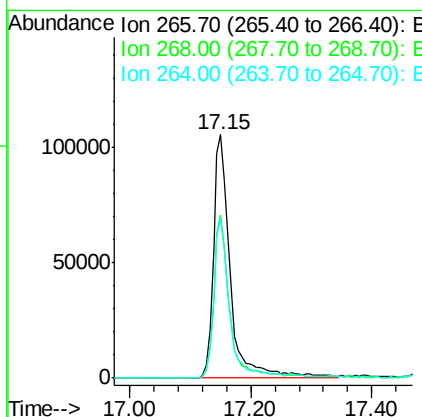
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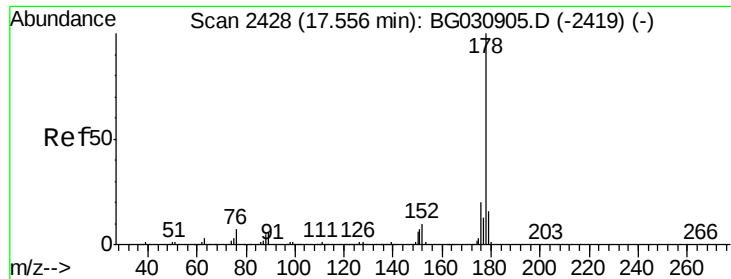
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#69
Pentachlorophenol
Concen: 67.433 ng
RT: 17.15 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.8	51.1	76.7
264	65.9	49.6	74.4





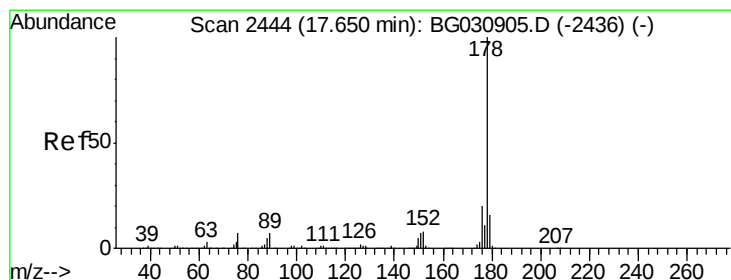
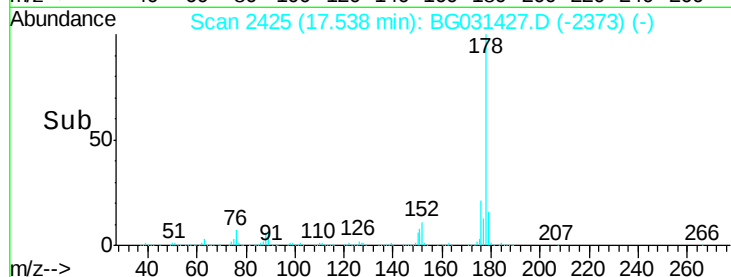
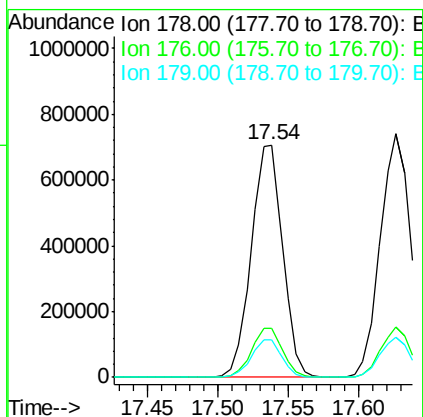
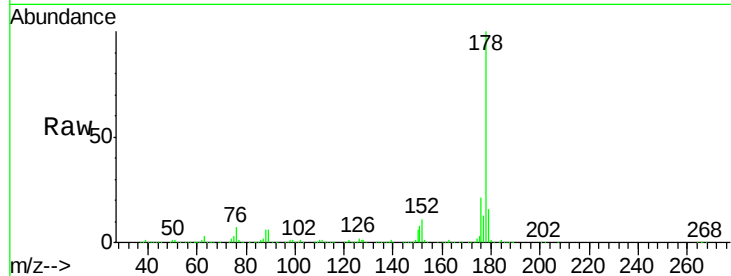
#70
Phenanthrene
Concen: 52.491 ng
RT: 17.54 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion:178 Resp: 1108264
Ion Ratio Lower Upper
178 100
176 20.9 15.7 23.5
179 16.0 12.5 18.7

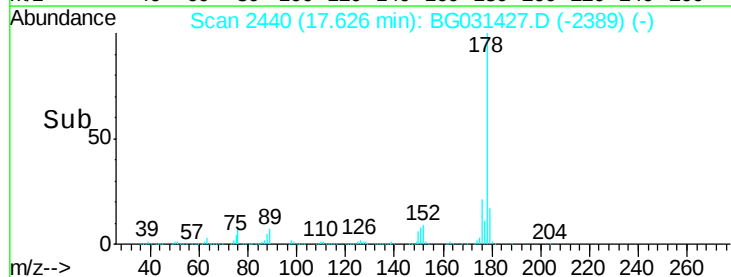
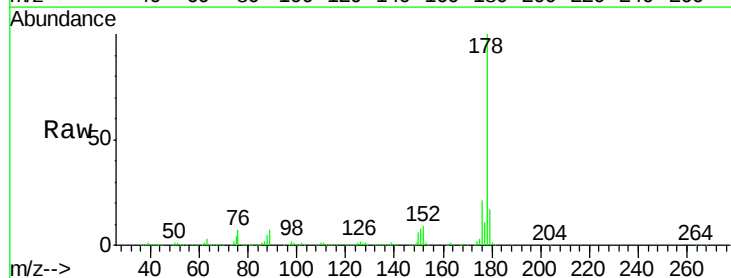
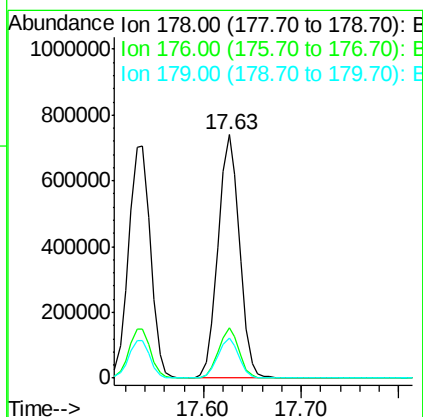
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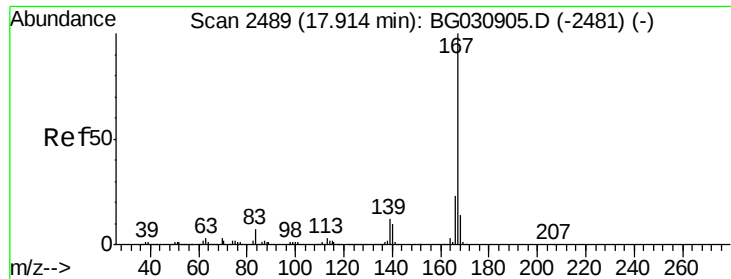
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#71
Anthracene
Concen: 53.218 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion:178 Resp: 1125873
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 16.6 12.5 18.7





#72

Carbazole

Concen: 52.831 ng

RT: 17.90 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:167 Resp: 1047259

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.4

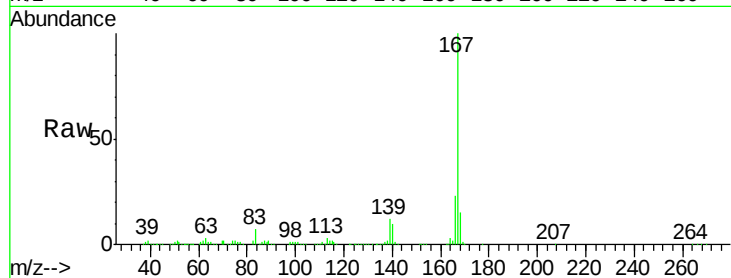
139 12.4 9.4 14.2

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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

800000

600000

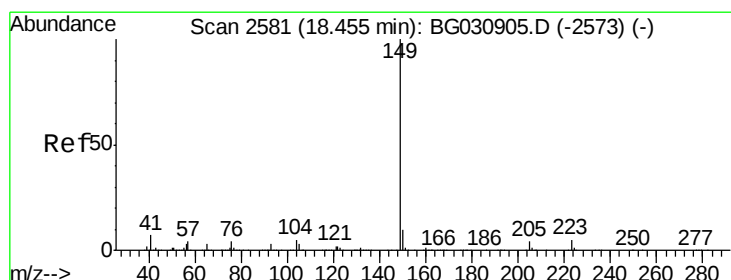
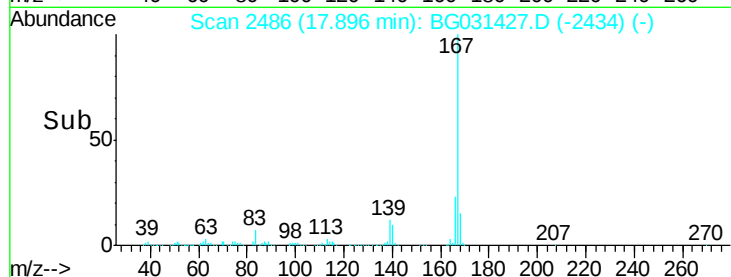
400000

200000

0

17.80 17.90 18.00

Time-->



#73

Di-n-butylphthalate

Concen: 49.858 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

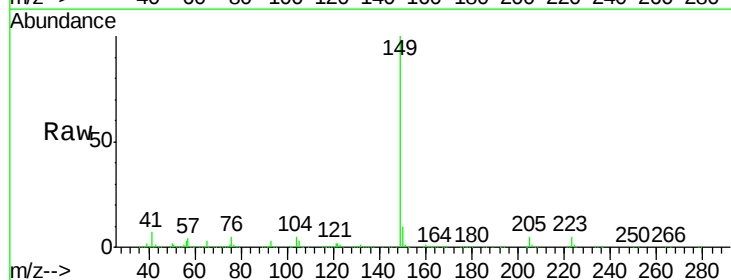
Tgt Ion:149 Resp: 1213490

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1200000

1000000

800000

600000

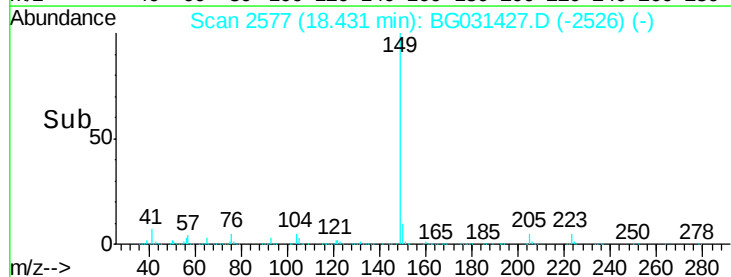
400000

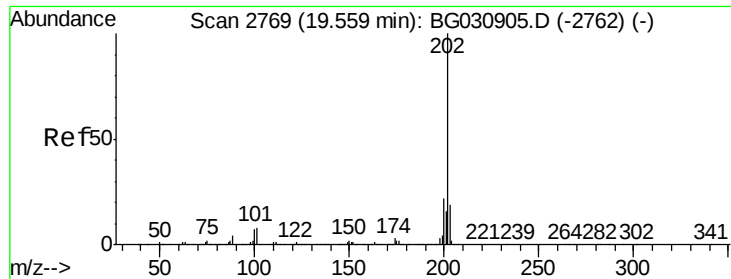
200000

0

18.40 18.50

Time-->





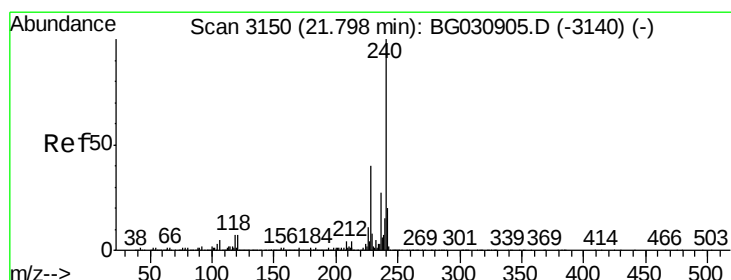
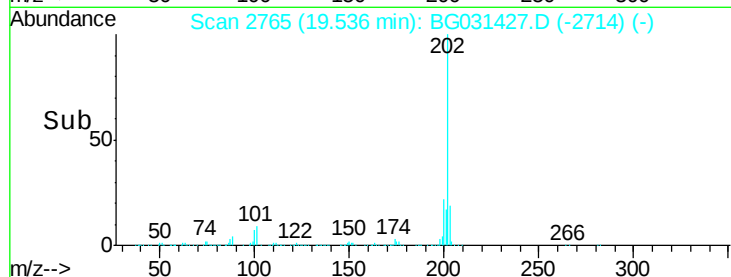
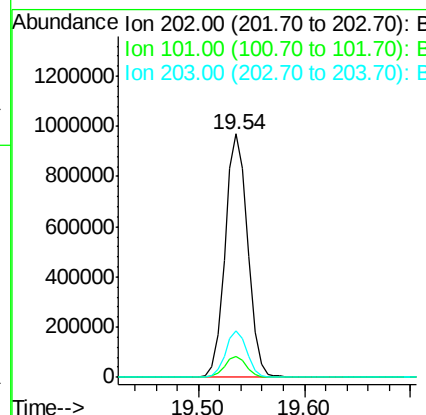
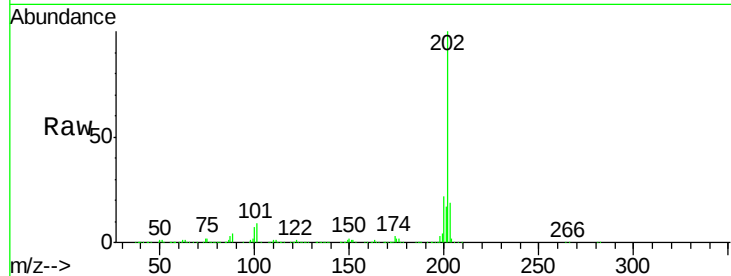
#74
 Fluoranthene
 Concen: 53.588 ng
 RT: 19.54 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.9
203	19.1	0.0	37.5

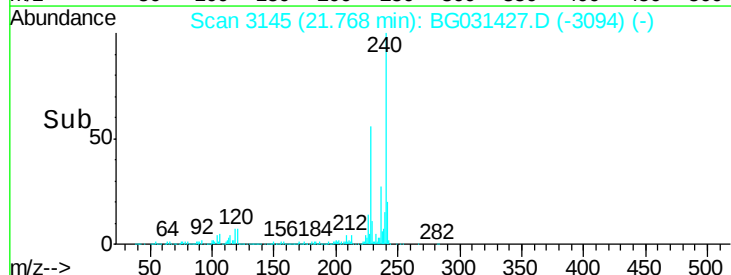
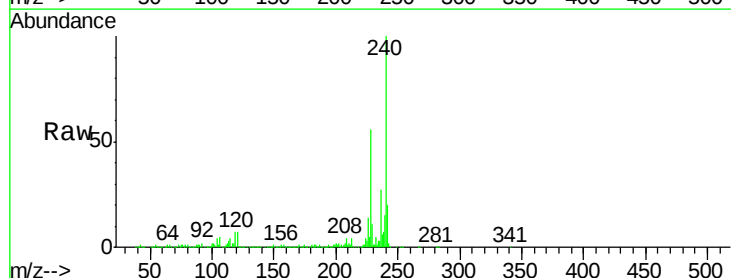
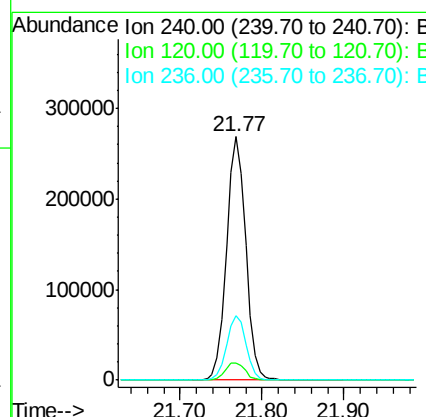
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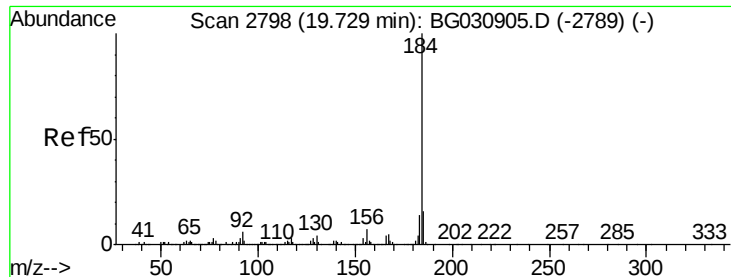
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	26.6	20.9	31.3





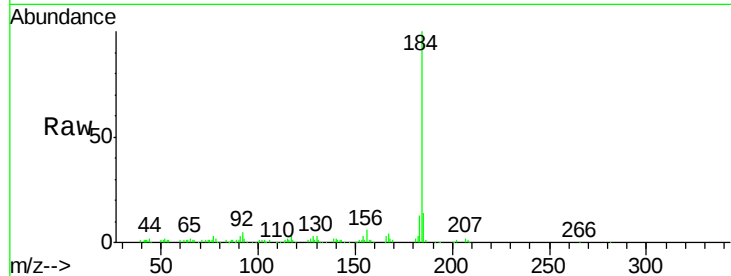
#76
Benzidine
Concen: 8.394 ng
RT: 19.71 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	118508		
185	14.3	11.1	16.7	
183	12.7	10.6	16.0	

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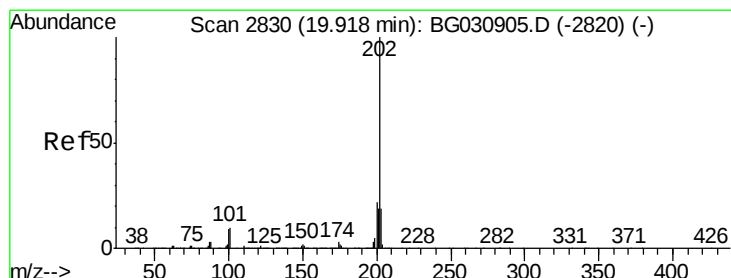
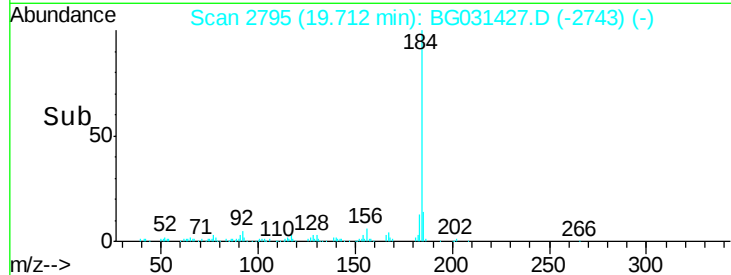
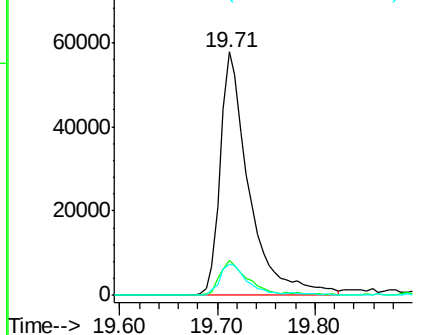


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77
Pyrene
Concen: 55.769 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

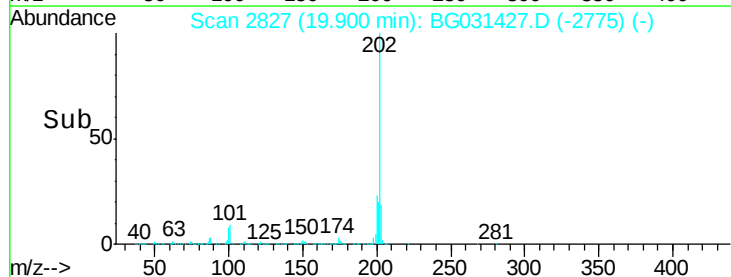
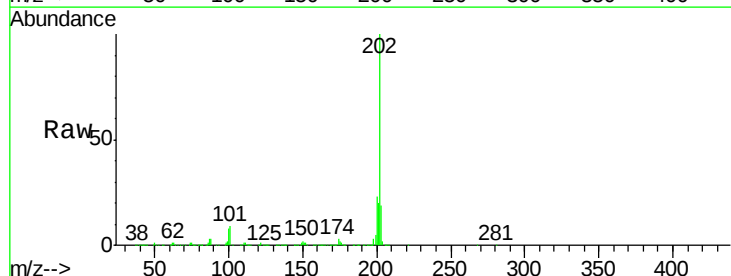
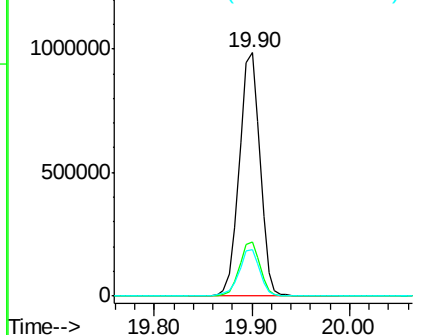
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1454450		
200	22.5	16.9	25.3	
203	19.3	13.9	20.9	

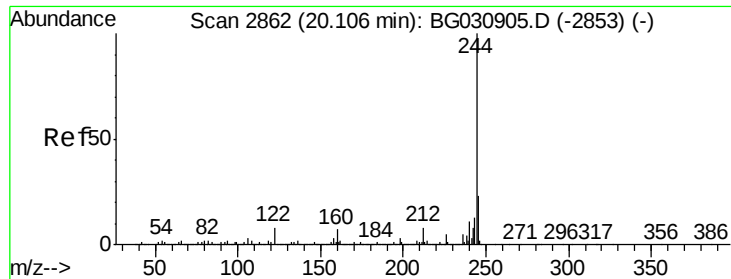
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 104.189 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:244 Resp: 2073797

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

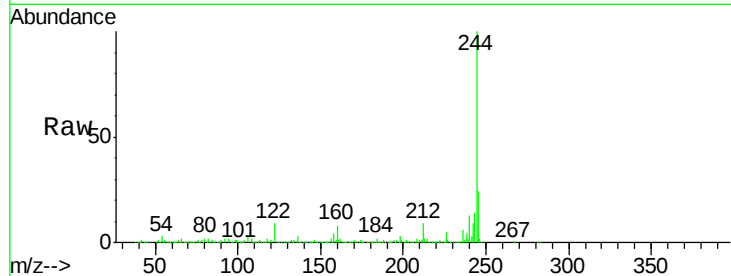
122 9.0 7.0 10.4

Manual Integrations

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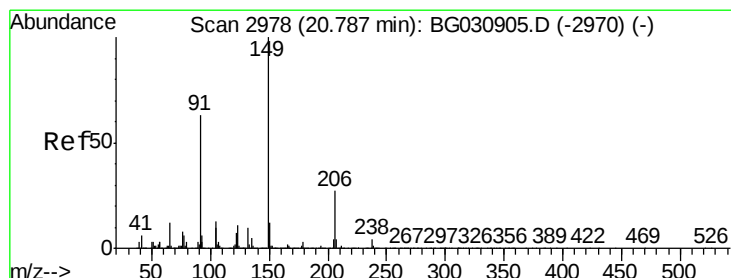
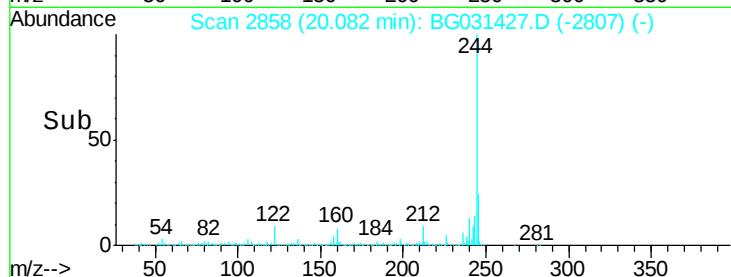
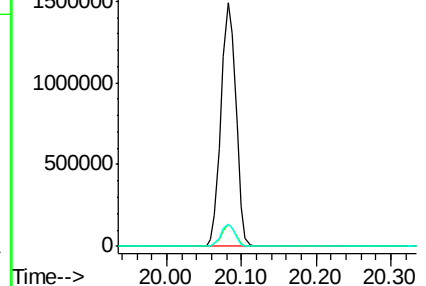
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 53.978 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

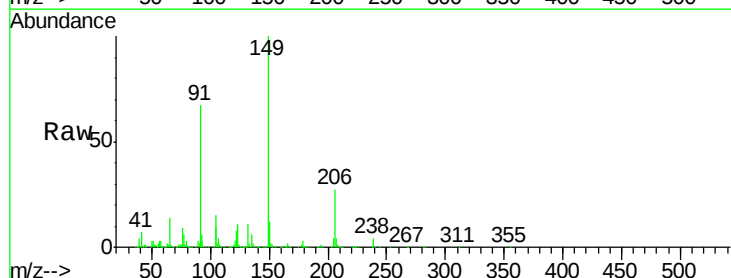
Tgt Ion:149 Resp: 561288

Ion Ratio Lower Upper

149 100

91 67.1 62.2 93.2

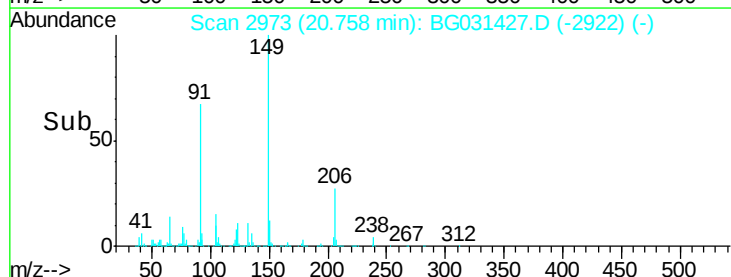
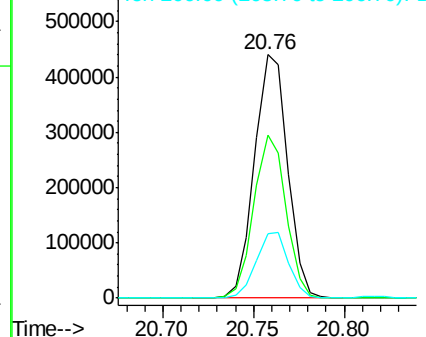
206 26.6 18.6 27.8

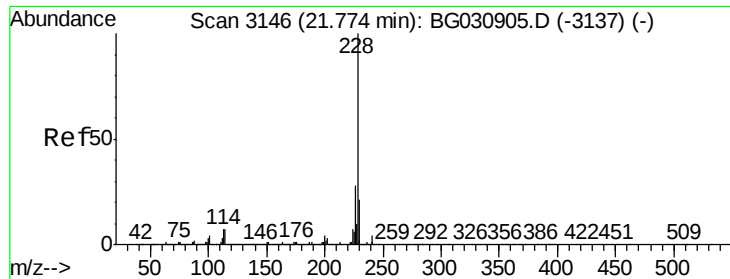


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 52.326 ng

RT: 21.75 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

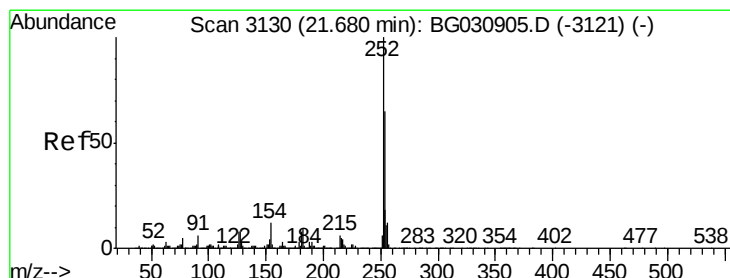
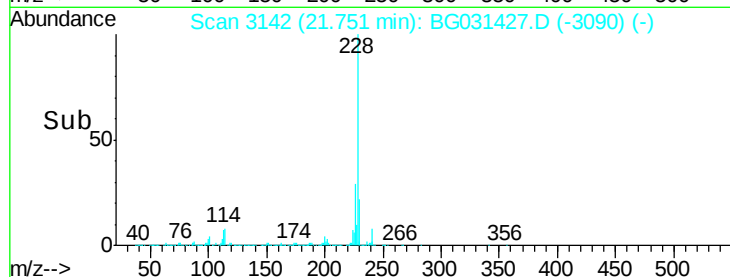
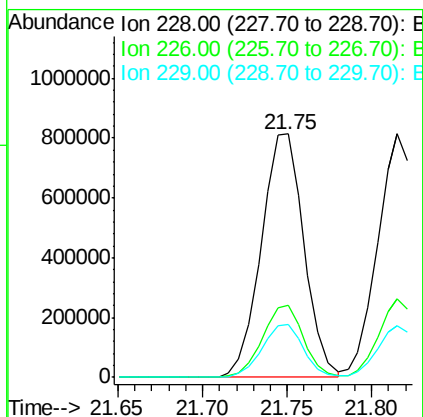
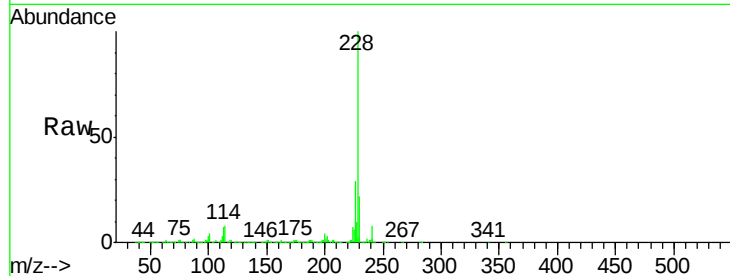
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:	228	Resp:	1428511
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.7	34.1
229	21.6	16.2	24.2

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 18.442 ng

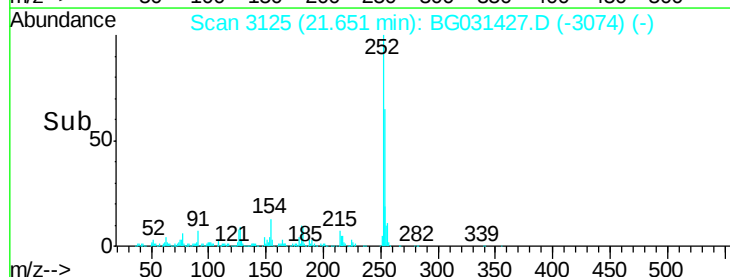
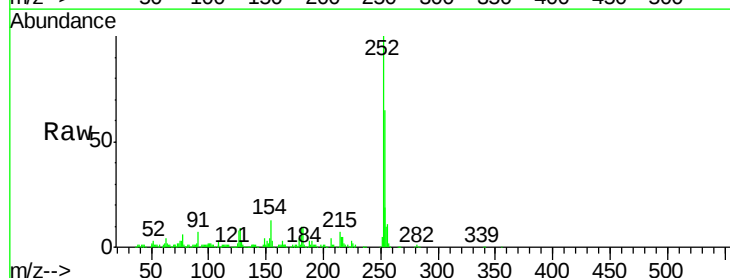
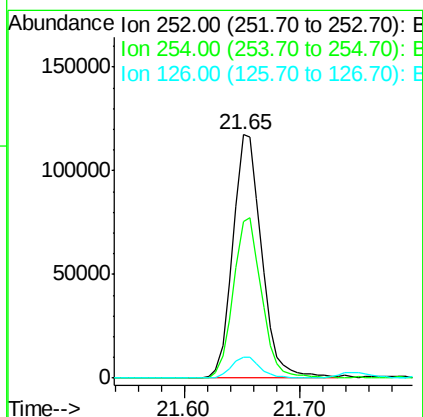
RT: 21.65 min Scan# 3125

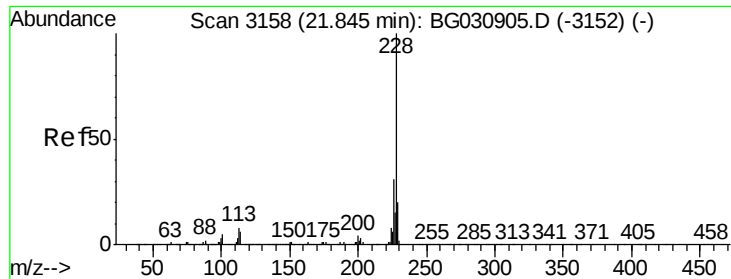
Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	252	Resp:	203231
Ion Ratio	Lower	Upper	
252	100		
254	64.6	50.8	76.2
126	8.3	7.4	11.2





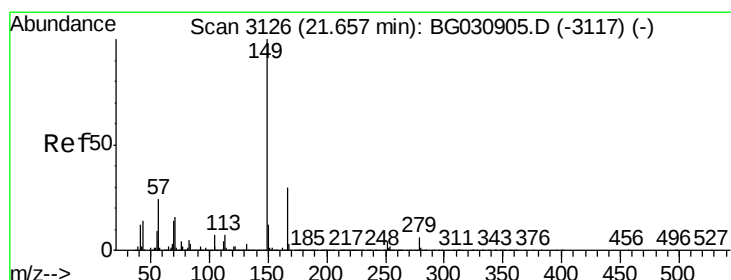
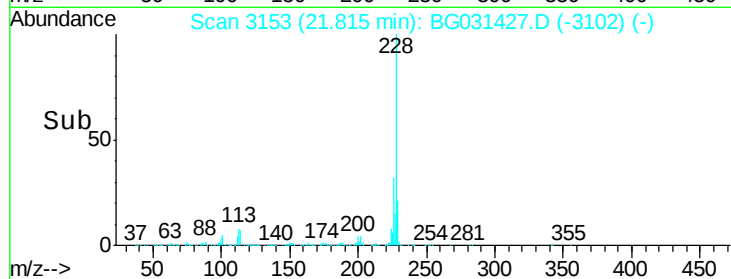
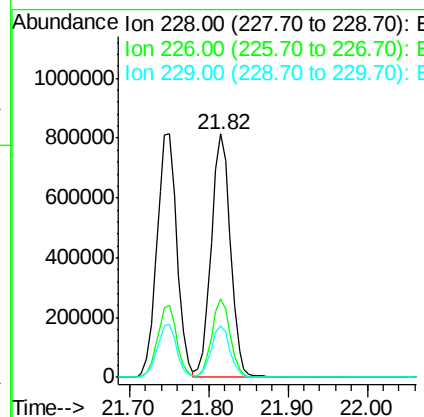
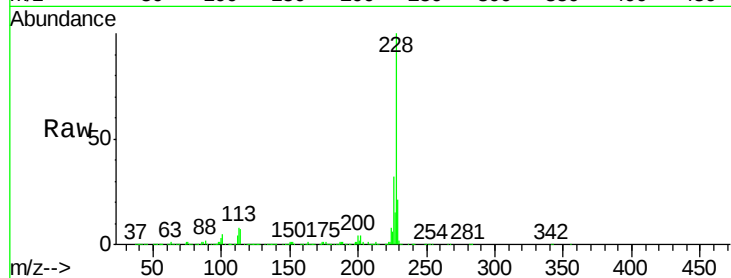
#82
Chrysene
 Concen: 54.368 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Instrument :
 BNA_G
 ClientSampleId :
 P001-TPI1-1218-01MSD

Tgt Ion:	228	Resp:	1372975
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.0	15.0	22.4

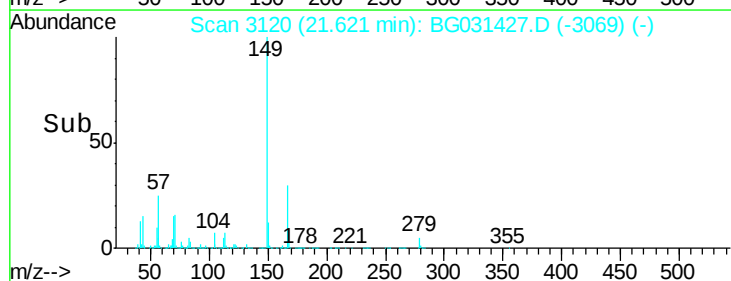
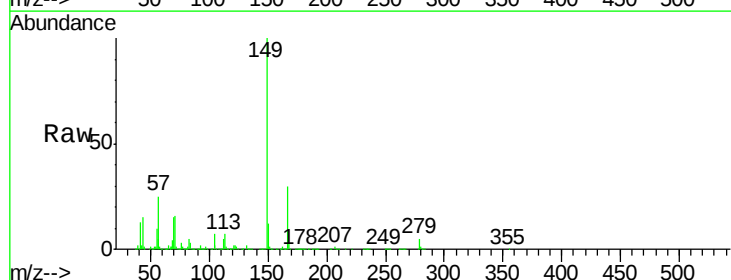
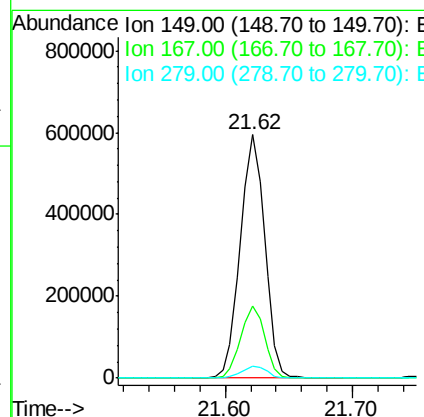
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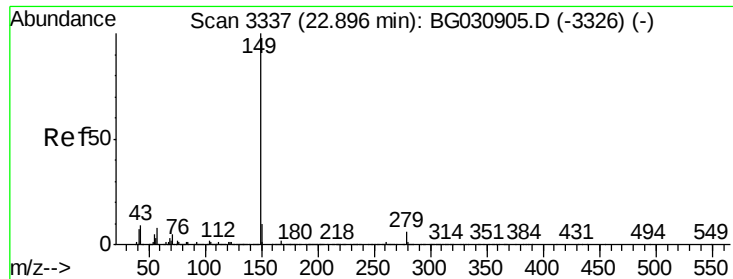
Sohil
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#83
Bis(2-ethylhexyl)phthalate
 Concen: 52.905 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG031427.D
 Acq: 8 Dec 2017 17:20

Tgt Ion:	149	Resp:	794116
Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.0	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 54.989 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.00 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Instrument :

BNA_G

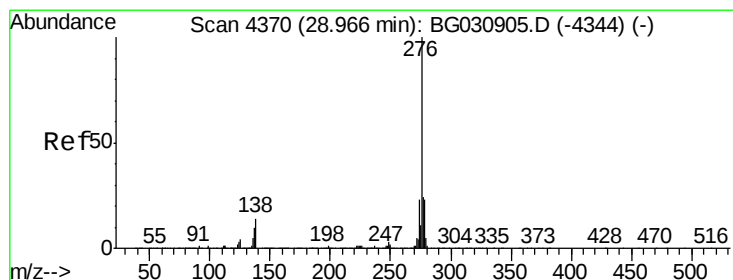
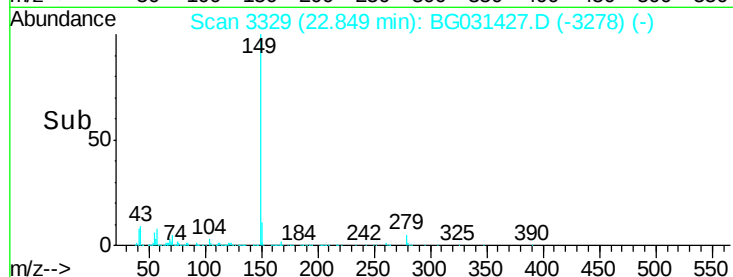
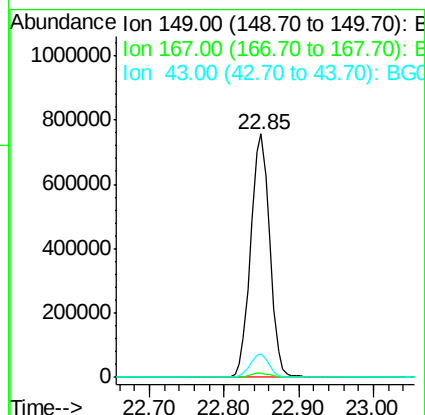
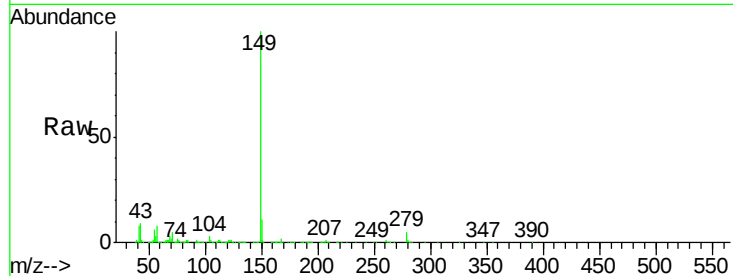
ClientSampleId :

P001-TPI1-1218-01MSD

Tgt Ion:	149	Resp:	1343434
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.3	8.9	13.3

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 51.440 ng

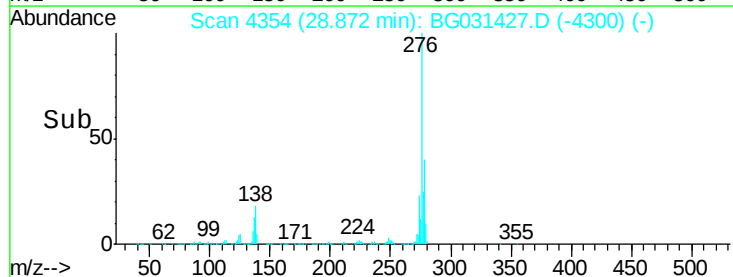
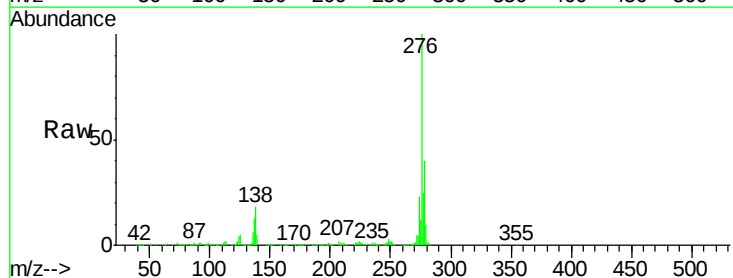
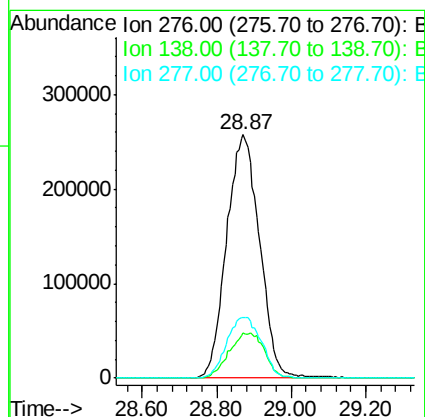
RT: 28.87 min Scan# 4354

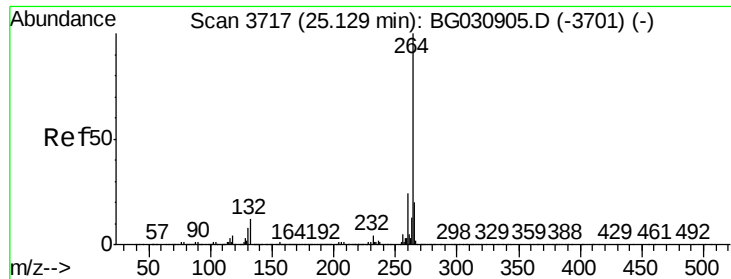
Delta R.T. 0.01 min

Lab File: BG031427.D

Acq: 8 Dec 2017 17:20

Tgt Ion:	276	Resp:	1579234
Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.0	24.0
277	26.2	20.0	30.0





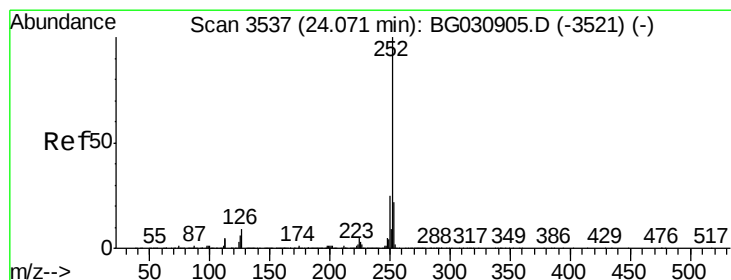
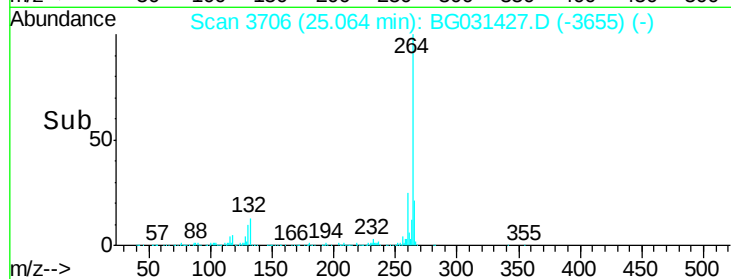
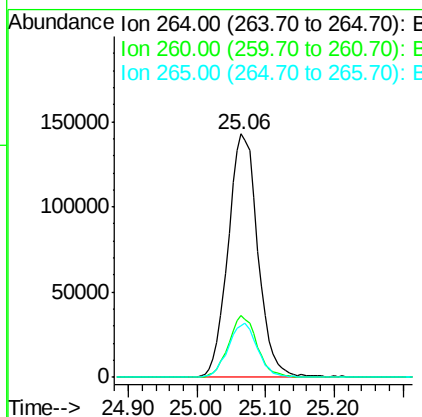
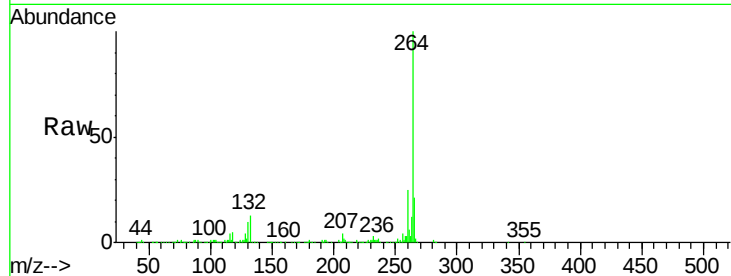
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion:	264	Resp:	430183
Ion Ratio	Lower	Upper	
264	100		
260	25.2	17.4	26.0
265	21.1	17.7	26.5

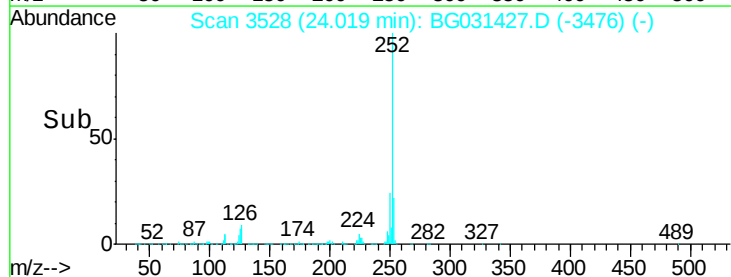
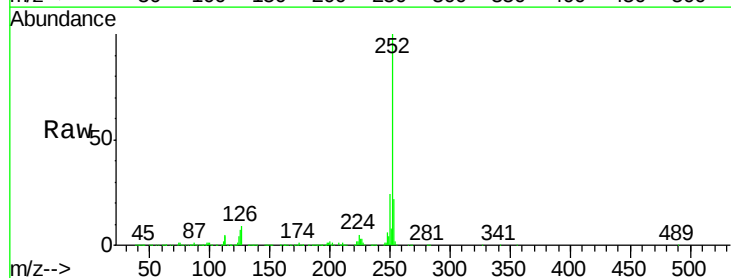
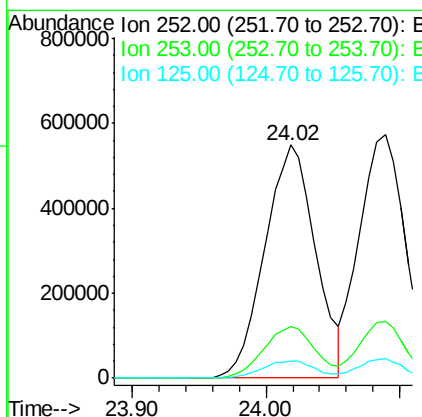
Manual Integrations
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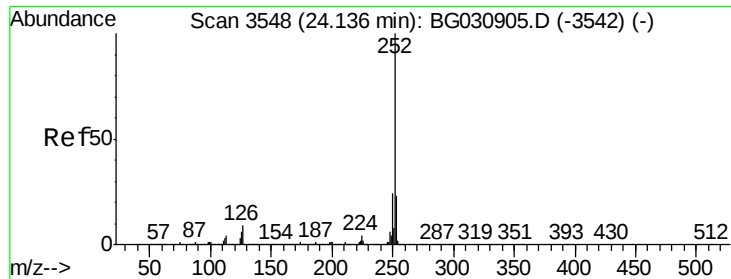
Sohil
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#87
Benzo(b)fluoranthene
Concen: 55.566 ng
RT: 24.02 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion:	252	Resp:	1445928
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	7.3	7.2	10.8





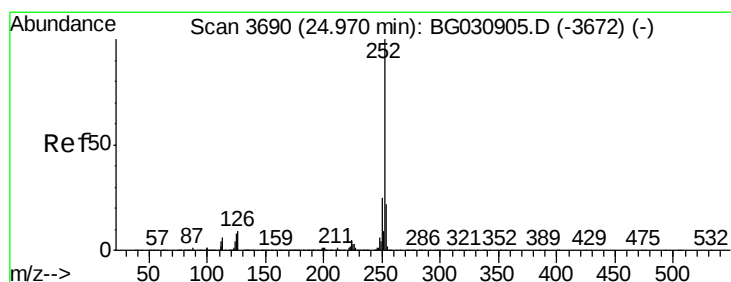
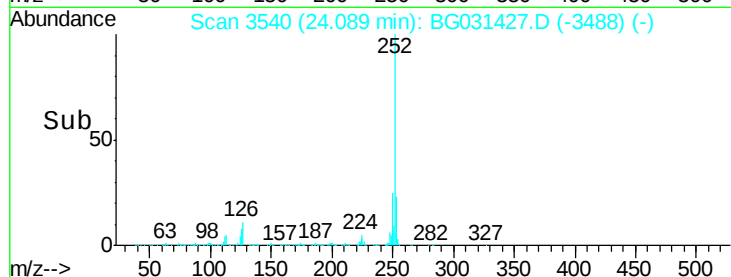
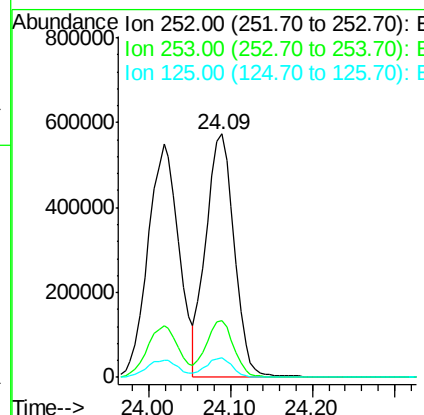
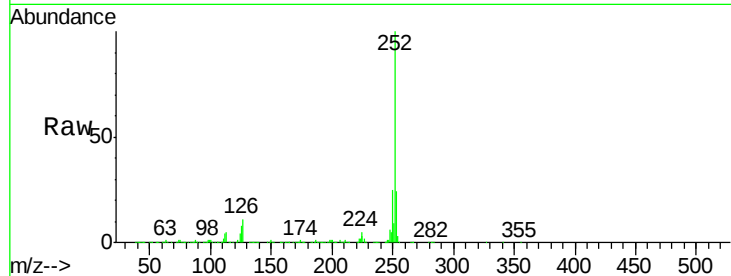
#88
Benzo(k)fluoranthene
Concen: 53.393 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	8.0	6.6	9.8

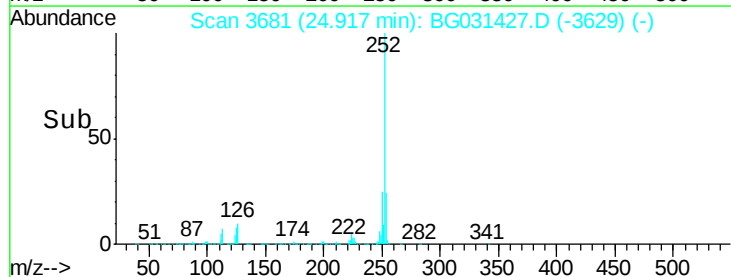
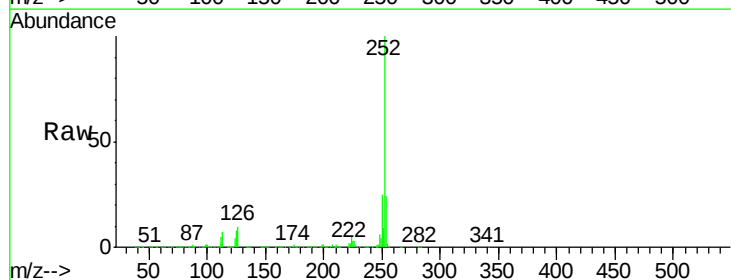
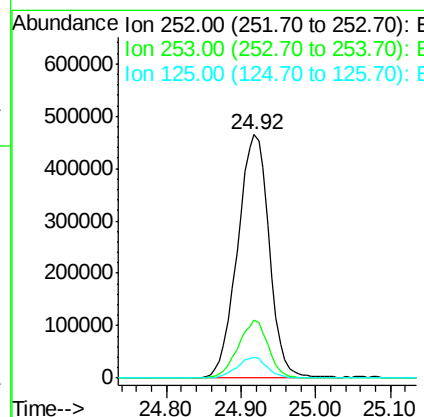
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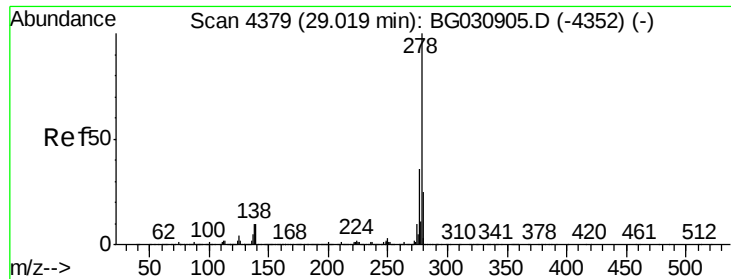
Sohil
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#89
Benzo(a)pyrene
Concen: 55.327 ng
RT: 24.92 min Scan# 3681
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.3	27.5
125	8.5	7.3	10.9





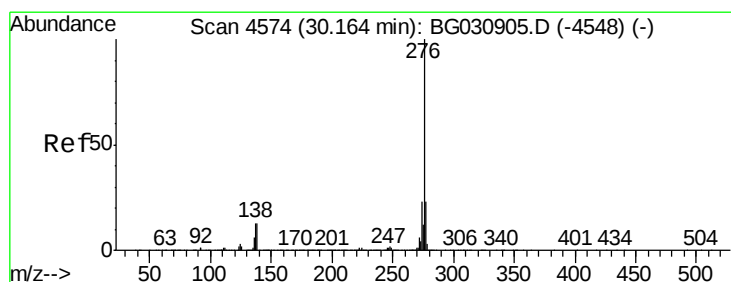
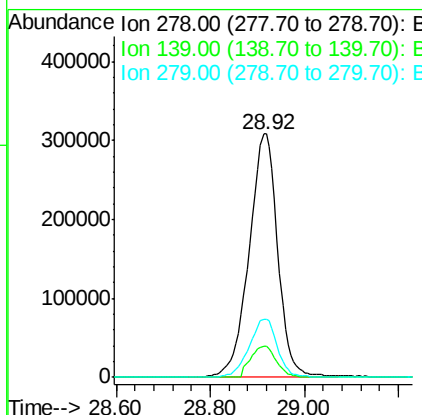
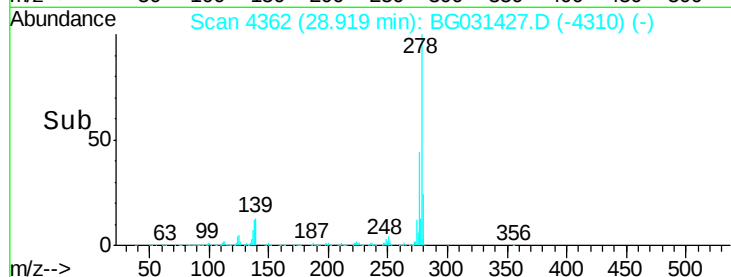
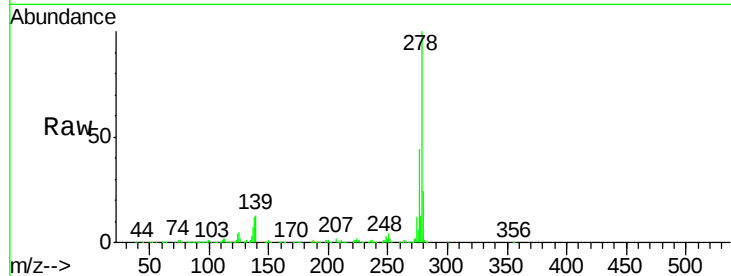
#90
Dibenzo(a,h)anthracene
Concen: 51.775 ng
RT: 28.92 min Scan# 4362
Delta R.T. 0.00 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.6
279	23.9	18.4	27.6

Manual Integrations
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12/11/2017 6:17:24 PM



#91
Benzo(g,h,i)perylene
Concen: 53.445 ng
RT: 30.05 min Scan# 4555
Delta R.T. 0.01 min
Lab File: BG031427.D
Acq: 8 Dec 2017 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	15.7	13.9	20.9

