

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036788.D
 Acq On : 18 Sep 2018 16:32
 Operator : JU/SJ
 Sample : J4940-04MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

Manual Integrations
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Sohil
 9/19/2018 12:30:03 PM

Quant Time: Sep 19 06:48:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56439	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	233085	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	149946	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	371813	20.00	ng	0.00
75) Chrysene-d12	21.69	240	369874	20.00	ng	0.00
86) Perylene-d12	24.89	264	383263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	344943	96.95	ng	0.00
7) Phenol-d6	7.21	99	448073	87.96	ng	0.00
23) Nitrobenzene-d5	9.21	82	332682	77.44	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	224596	125.53	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	728922	69.41	ng	-0.01
78) Terphenyl-d14	20.02	244	1272275	80.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	55378	33.352	ng	# 87
3) Pyridine	3.94	79	156457	33.569	ng	98
4) n-Nitrosodimethylamine	3.85	42	86408	41.624	ng	100
6) Aniline	7.37	93	213964	33.091	ng	97
8) 2-Chlorophenol	7.61	128	167225	43.341	ng	98
9) Benzaldehyde	7.19	77	69521	19.818	ng	99
10) Phenol	7.24	94	200690	37.647	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	172802	40.888	ng	98
12) 1,3-Dichlorobenzene	7.94	146	178181	40.444	ng	99
13) 1,4-Dichlorobenzene	8.08	146	180896	40.668	ng	98
14) 1,2-Dichlorobenzene	8.40	146	172990	40.723	ng	99
15) Benzyl Alcohol	8.28	79	171506	41.764	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	339668	39.853	ng	99
17) 2-Methylphenol	8.48	107	153663	43.411	ng	97
18) Hexachloroethane	9.14	117	67294	42.196	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	150623	39.564	ng	96
20) 3+4-Methylphenols	8.81	107	210796	42.655	ng	99
22) Acetophenone	8.87	105	272808	44.571	ng	# 98
24) Nitrobenzene	9.25	77	219488	47.380	ng	98
25) Isophorone	9.78	82	417204	48.887	ng	99
26) 2-Nitrophenol	9.96	139	96406	52.518	ng	99
27) 2,4-Dimethylphenol	10.02	122	174689	51.401	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	236956	45.241	ng	97
29) 2,4-Dichlorophenol	10.50	162	186199	49.991	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	188109	43.171	ng	97
31) Naphthalene	10.90	128	924760	79.367	ng	99
32) Benzoic acid	10.15	122	77536m	32.380	ng	
33) 4-Chloroaniline	11.01	127	104272	19.529	ng	98
34) Hexachlorobutadiene	11.19	225	127289	43.480	ng	99
35) Caprolactam	11.79	113	52041m	35.074	ng	
36) 4-Chloro-3-methylphenol	12.13	107	209943	48.509	ng	97
37) 2-Methylnaphthalene	12.51	142	454925	53.360	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	237628	44.781	ng	98
40) Hexachlorocyclopentadiene	12.85	237	279439	101.212	ng	100

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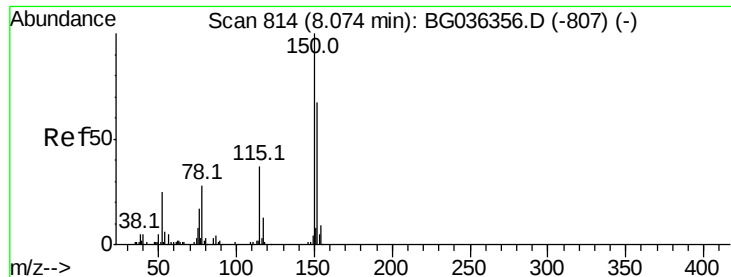
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
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 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	162458	50.259	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	175883	51.014	nq	99
45) 1,1'-Biphenyl	13.51	154	549291	44.131	nq	99
46) 2-Chloronaphthalene	13.55	162	420345	44.238	nq	99
47) 2-Nitroaniline	13.75	65	160565	53.812	nq	98
48) Acenaphthylene	14.40	152	759047	51.114	nq	99
49) Dimethylphthalate	14.13	163	575632	47.014	nq	99
50) 2,6-Dinitrotoluene	14.25	165	129672	51.468	nq	95
51) Acenaphthene	14.74	154	430973	45.315	nq	97
52) 3-Nitroaniline	14.58	138	101011	37.204	nq	97
53) 2,4-Dinitrophenol	14.78	184	81168	85.054	nq	97
54) Dibenzofuran	15.07	168	699727	46.961	nq	99
55) 4-Nitrophenol	14.88	139	180283	81.212	nq	97
56) 2,4-Dinitrotoluene	15.04	165	183795	55.973	nq	93
57) Fluorene	15.72	166	568939	51.078	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	177048	54.657	nq	96
59) Diethylphthalate	15.49	149	576707	46.737	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	309954	45.064	nq	99
61) 4-Nitroaniline	15.74	138	141955	49.965	nq	98
62) Azobenzene	16.00	77	568527	45.283	nq	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	87088	53.320	nq	99
65) n-Nitrosodiphenylamine	15.93	169	509066	46.078	nq	98
66) 4-Bromophenyl-phenylether	16.61	248	207695	47.711	nq	98
67) Hexachlorobenzene	16.73	284	209429	47.049	nq	96
68) Atrazine	16.87	200	221075	53.312	nq	98
69) Pentachlorophenol	17.07	266	222089	73.412	nq	97
70) Phenanthrene	17.46	178	973423	51.523	nq	98
71) Anthracene	17.56	178	958432	50.891	nq	99
72) Carbazole	17.82	167	845013	44.928	nq	99
73) Di-n-butylphthalate	18.38	149	977256	46.660	nq	99
74) Fluoranthene	19.47	202	1150892	49.964	nq	99
76) Benzidine	19.65	184	338689	28.701	nq	98
77) Pyrene	19.83	202	1130196	49.690	nq	99
79) Butylbenzylphthalate	20.71	149	454002	50.156	nq	96
80) Benzo(a)anthracene	21.67	228	1124111	50.166	nq	98
81) 3,3'-Dichlorobenzidine	21.59	252	284125	31.816	nq	99
82) Chrysene	21.74	228	1042655	49.091	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	610693	48.212	nq	100
84) Di-n-octyl phthalate	22.78	149	1031791	48.767	nq	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1261801	51.149	nq	99
87) Benzo(b)fluoranthene	23.88	252	1118010	52.532	nq	96
88) Benzo(k)fluoranthene	23.95	252	1067071	51.321	nq	97
89) Benzo(a)pyrene	24.75	252	1080637	52.840	nq	99
90) Dibenzo(a,h)anthracene	28.62	278	1028432	52.090	nq	98
91) Benzo(g,h,i)perylene	29.69	276	1037028	52.268	nq	96

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



#1

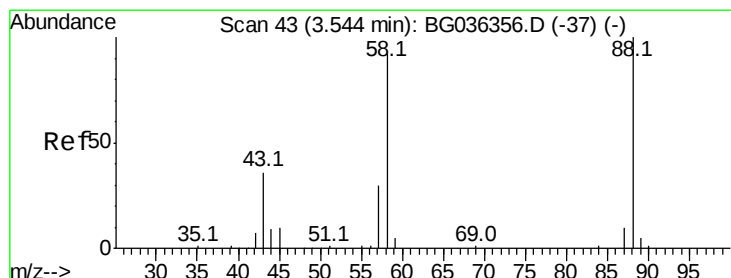
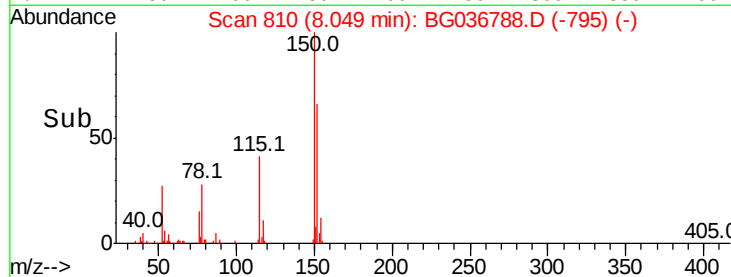
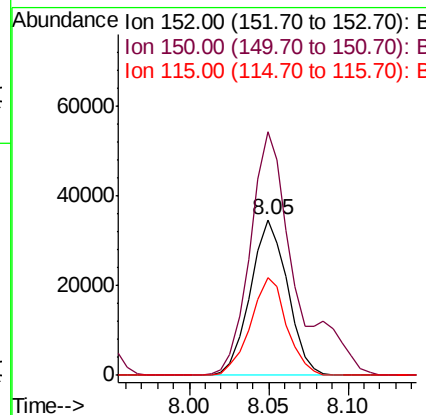
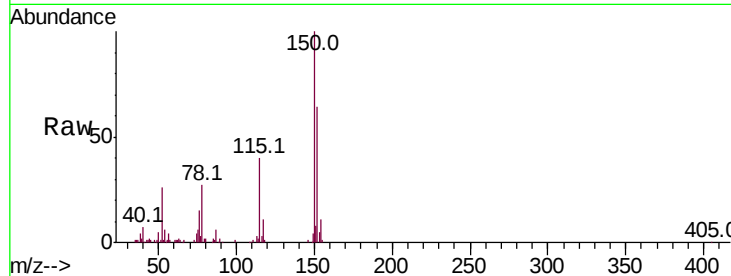
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	62.4	44.5	66.7

Manual Integrations
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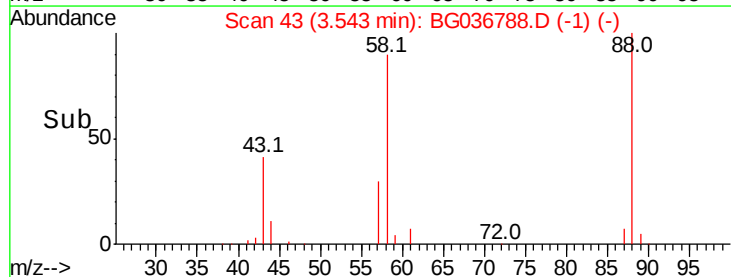
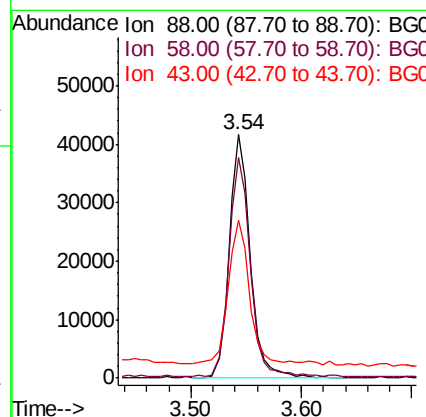
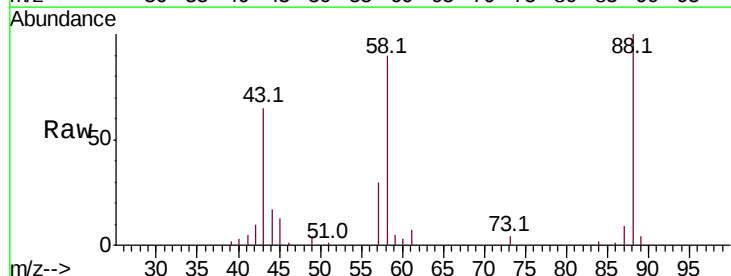
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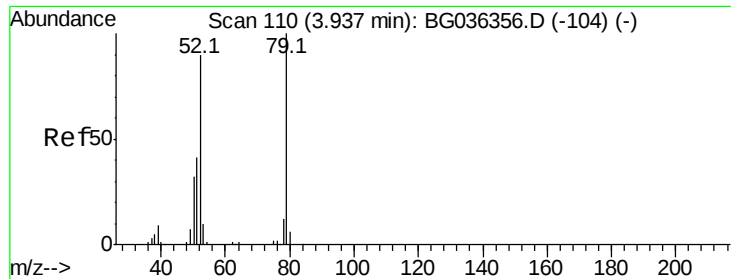


#2

1,4-Dioxane
Concen: 33.352 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	72.6	109.0
43	59.5	29.0	43.4#





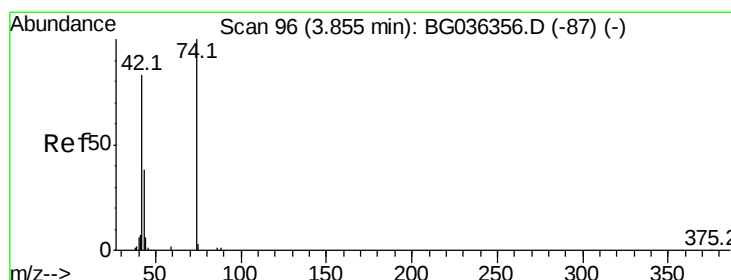
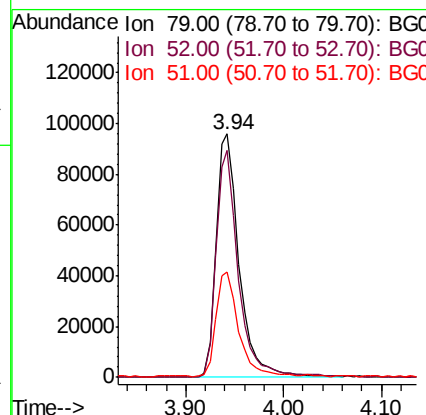
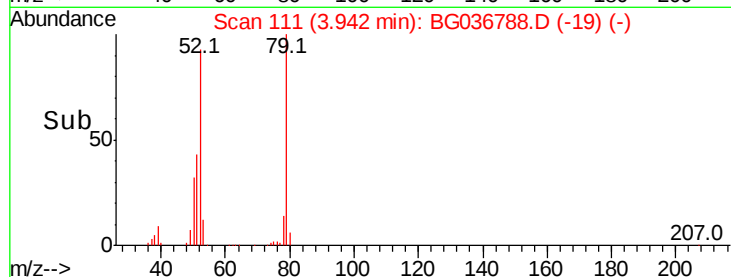
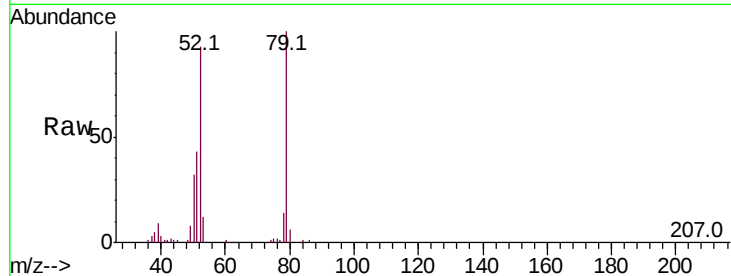
#3
 Pvridine
 Concen: 33.569 ng
 RT: 3.94 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	93.1	72.3	108.5	
51	43.3	33.8	50.6	

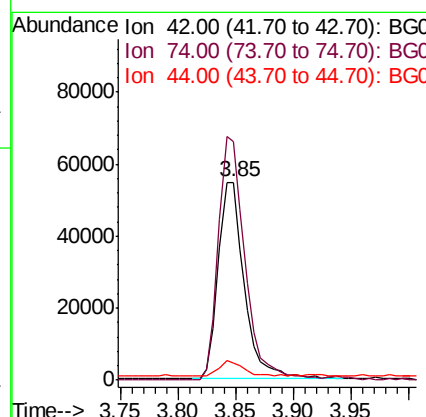
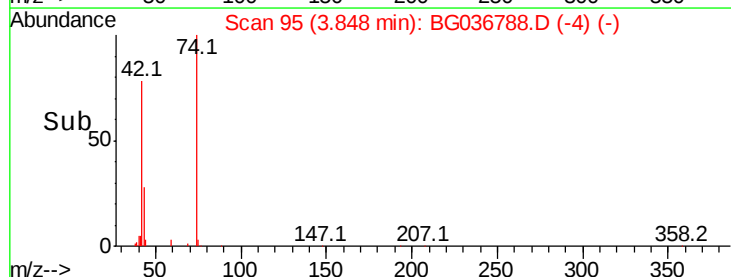
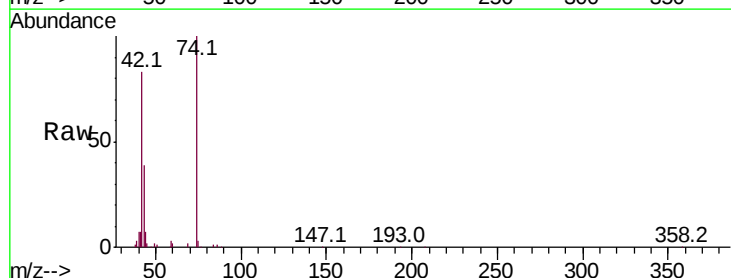
Manual Integrations
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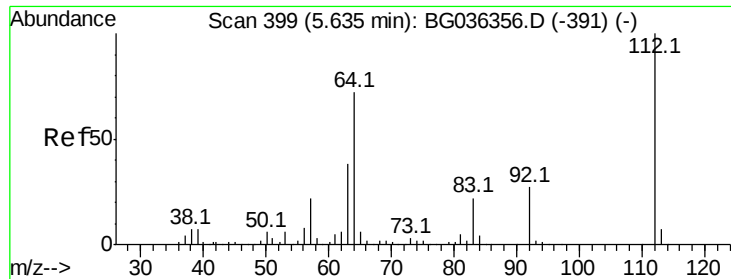
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#4
 n-Nitrosodimethylamine
 Concen: 41.624 ng
 RT: 3.85 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	120.8	96.6	145.0	
44	8.5	7.0	10.4	





#5

2-Fluorophenol

Concen: 96.951 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

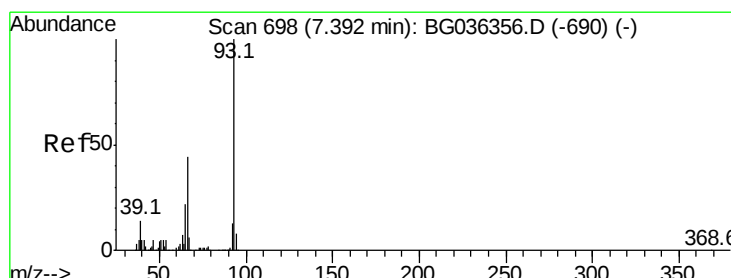
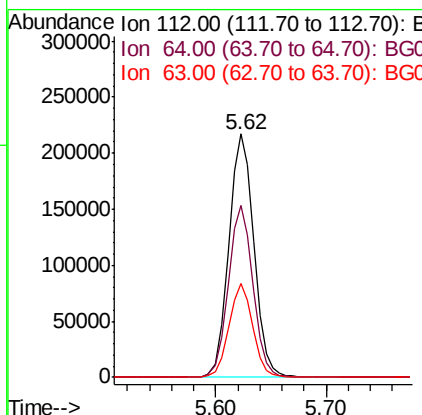
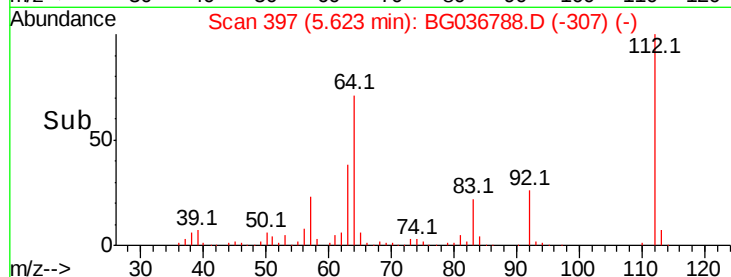
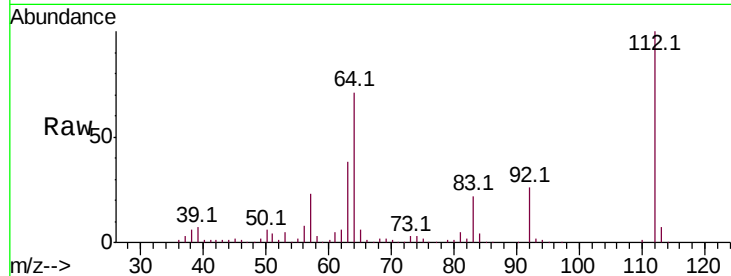
ClientSampleId :

COMP-IMS

Tot Ion:	112	Resp:	344943
Ion Ratio	Lower	Upper	
112	100		
64	70.7	57.2	85.8
63	38.4	30.8	46.2

Manual Integrations
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#6

Aniline

Concen: 33.091 ng

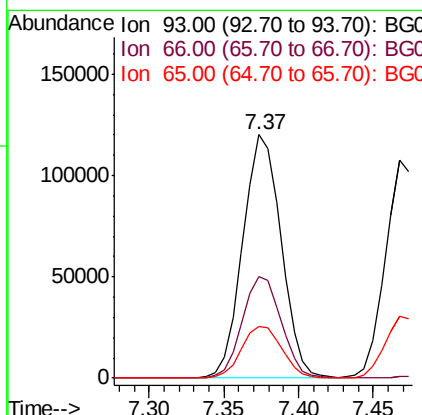
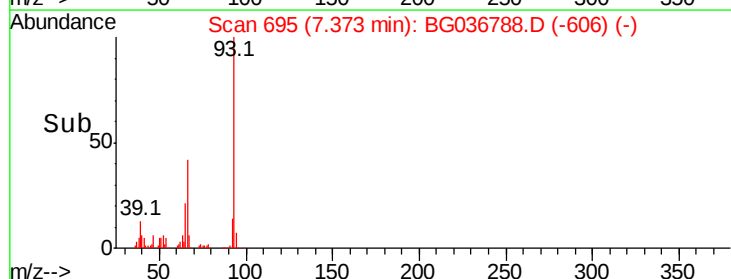
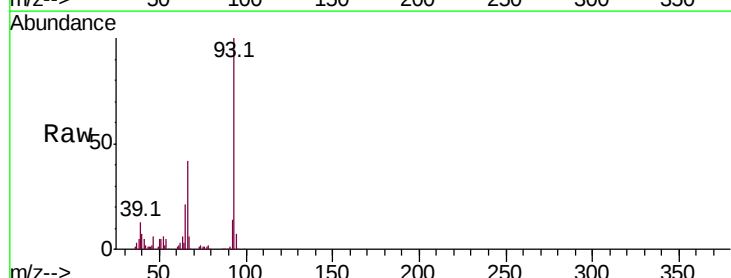
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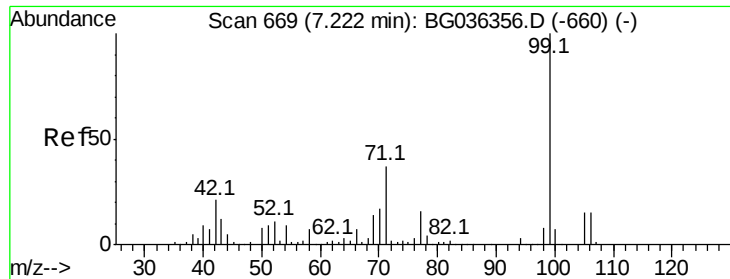
Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:	93	Resp:	213964
Ion Ratio	Lower	Upper	
93	100		
66	41.9	35.0	52.4
65	21.0	17.6	26.4





#7

Phenol-d6

Concen: 87.960 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

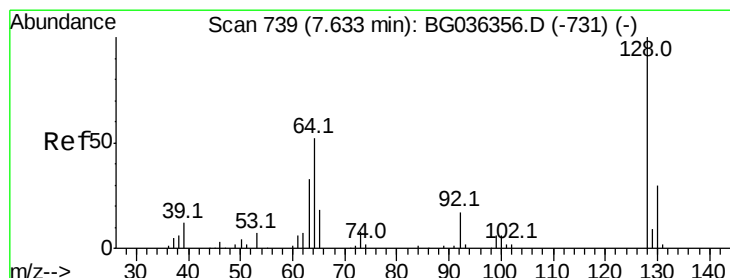
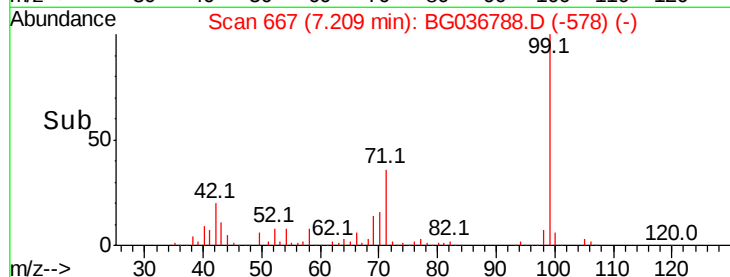
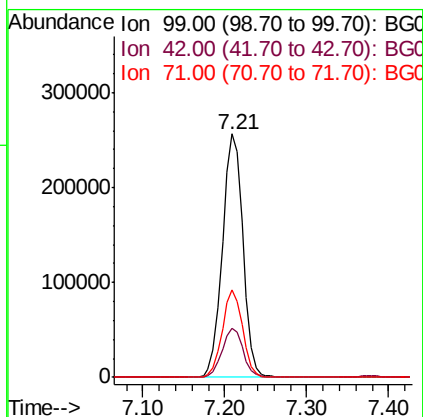
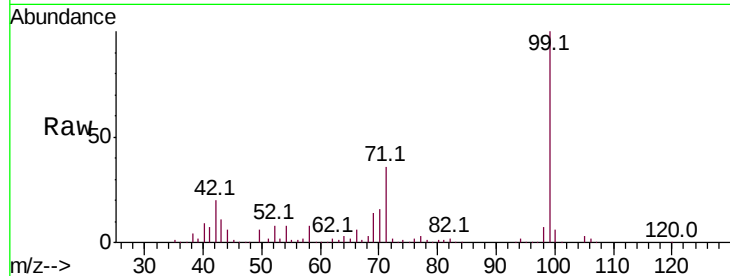
ClientSampleId :

COMP-IMS

Tot Ion:	99	Resp:	448073
Ion Ratio	Lower	Upper	
99	100		
42	20.1	16.5	24.7
71	36.2	29.4	44.2

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#8

2-Chlorophenol

Concen: 43.341 ng

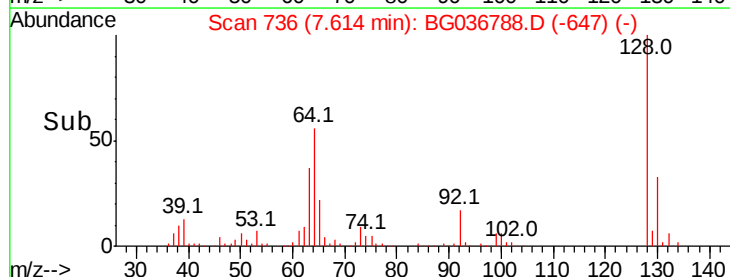
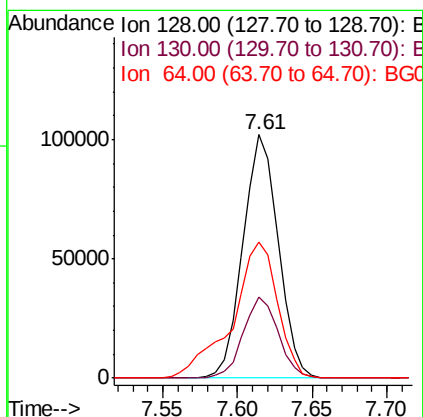
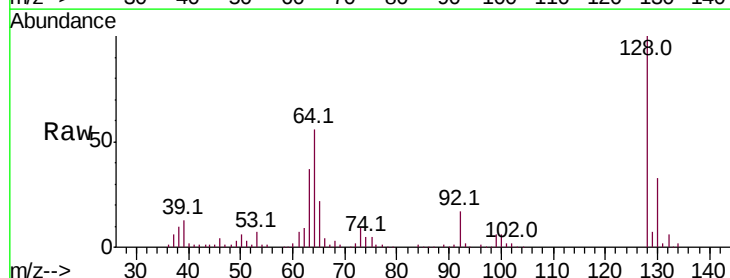
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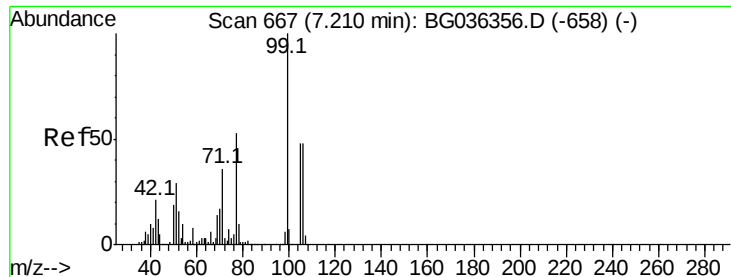
Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:	128	Resp:	167225
Ion Ratio	Lower	Upper	
128	100		
130	33.2	10.0	50.0
64	55.9	36.0	76.0





#9

Benzaldehyde

Concen: 19.818 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

ClientSampled :

COMP-IMS

Tot Ion: 77 Resp: 69521

Ion Ratio Lower Upper

77 100

105 89.8 70.5 110.5

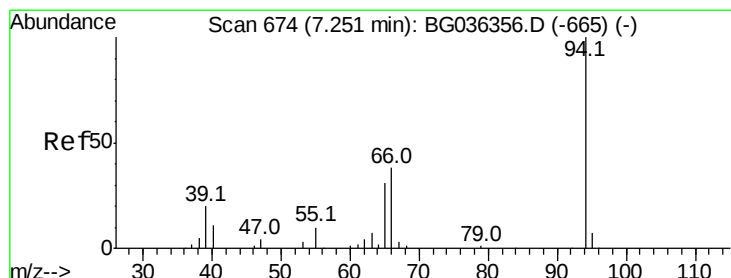
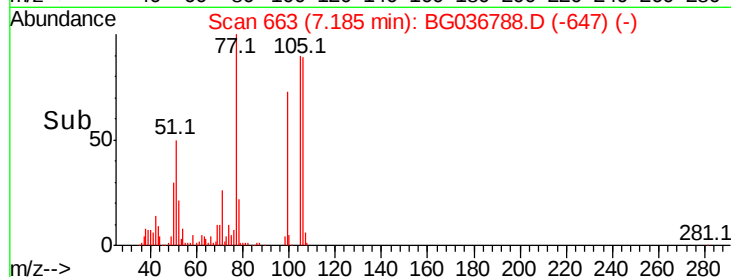
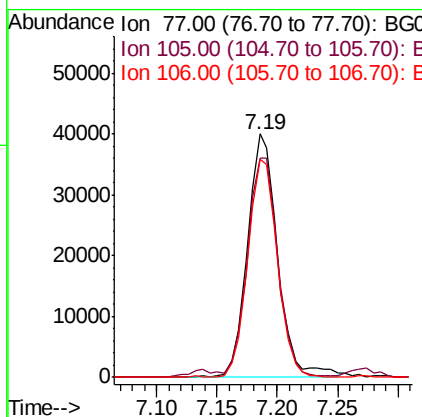
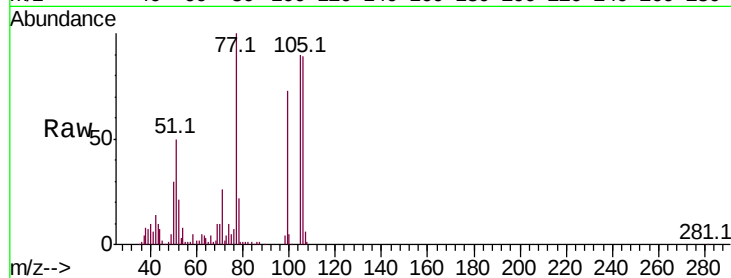
106 89.3 69.8 109.8

Manual Integrations

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#10

Phenol

Concen: 37.647 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

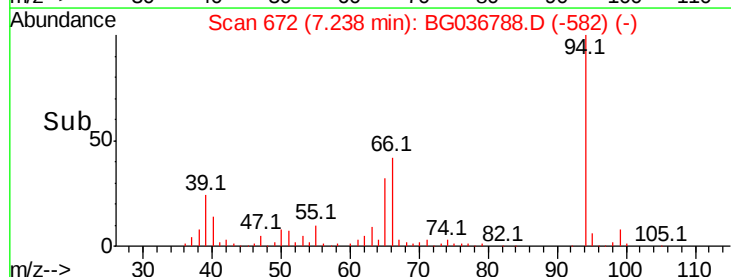
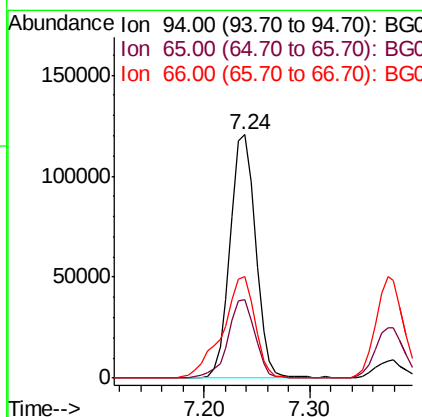
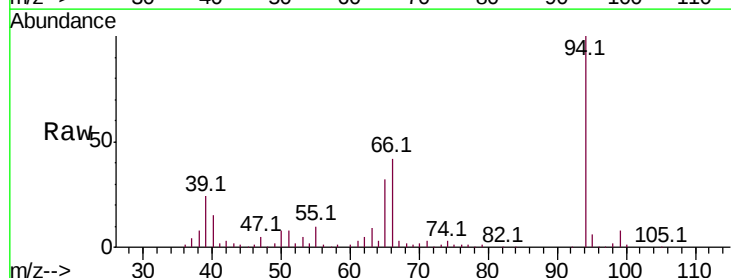
Tgt Ion: 94 Resp: 200690

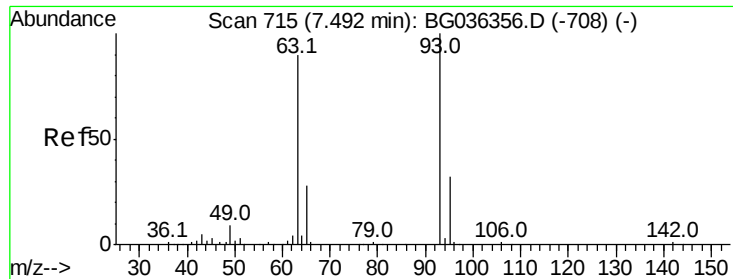
Ion Ratio Lower Upper

94 100

65 32.2 11.5 51.5

66 41.8 19.5 59.5





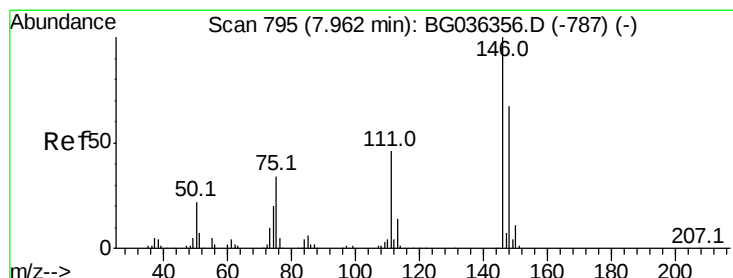
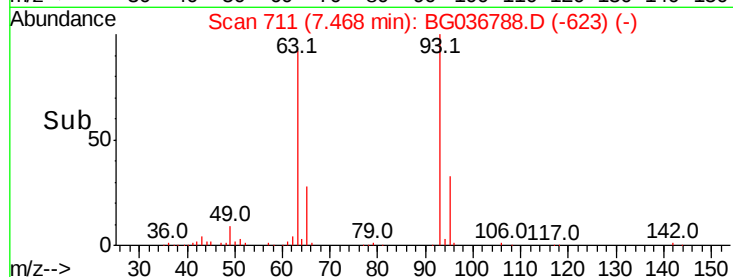
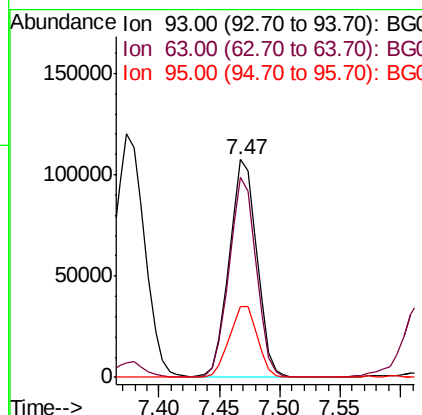
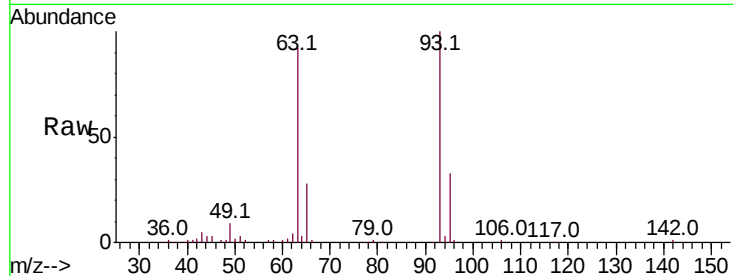
#11
bis(2-Chloroethyl)ether
Concen: 40.888 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.0	69.9	109.9
95	32.6	11.7	51.7

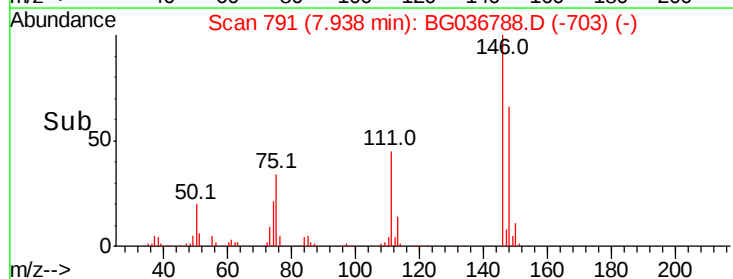
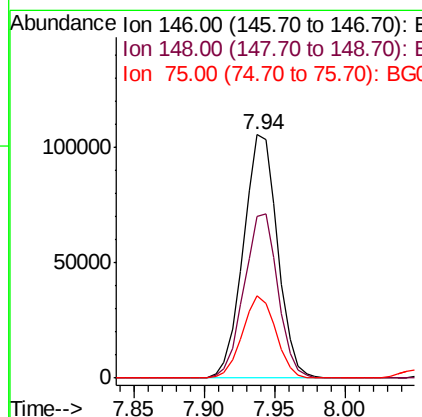
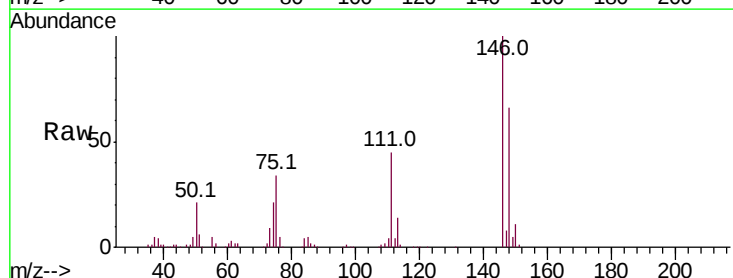
Manual Integrations
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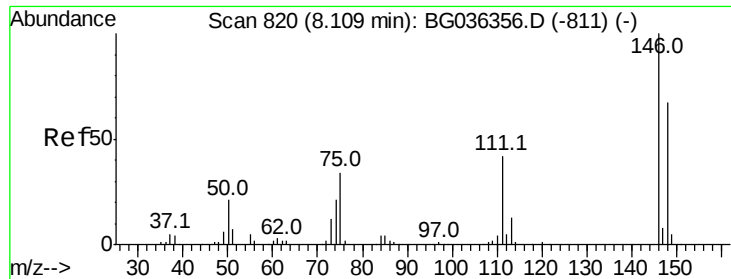
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.444 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.8	80.6
75	33.8	27.2	40.8





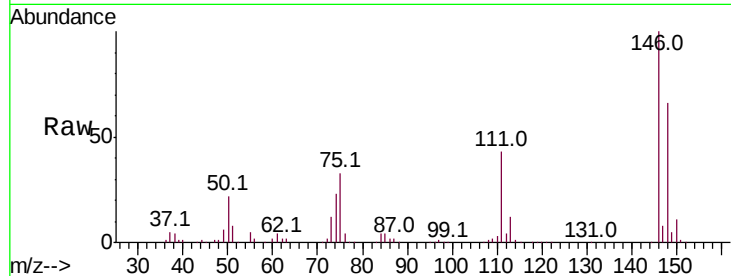
#13
 1,4-Dichlorobenzene
 Concen: 40.668 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.9	80.9
111	43.1	33.8	50.6

Manual Integrations
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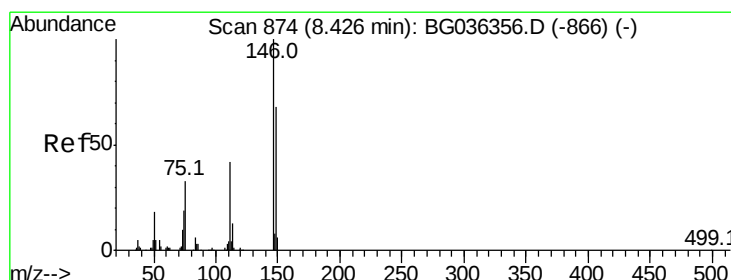
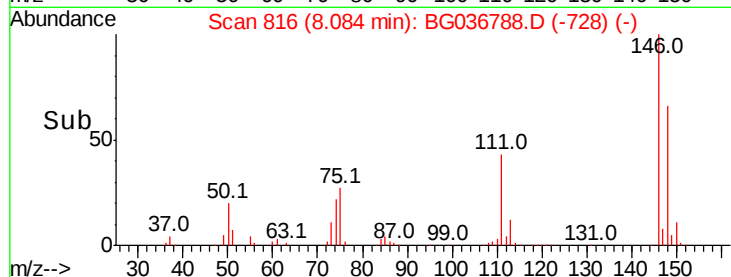
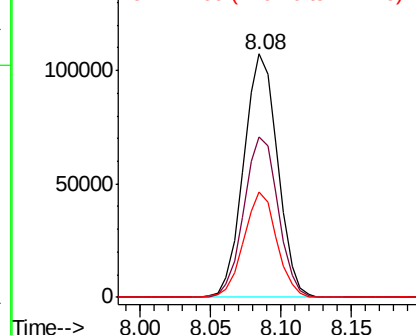


Abundance

Ion 146.00 (145.70 to 146.70): E

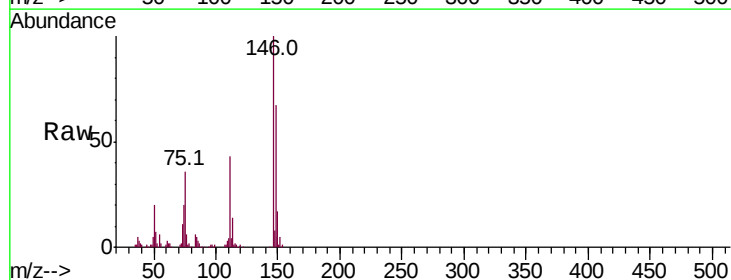
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.723 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	55.0	82.6
111	43.2	34.6	51.8

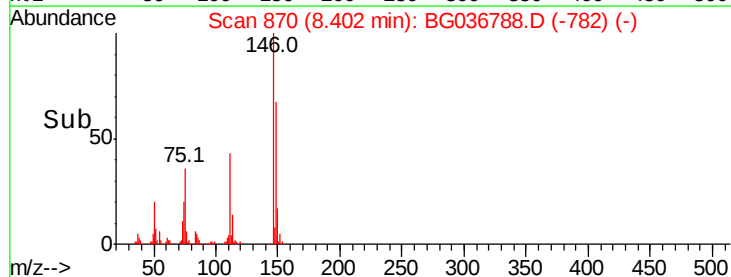
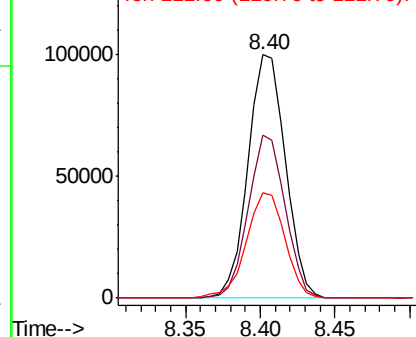


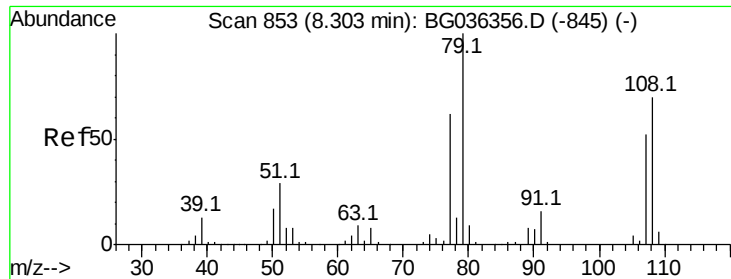
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.764 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

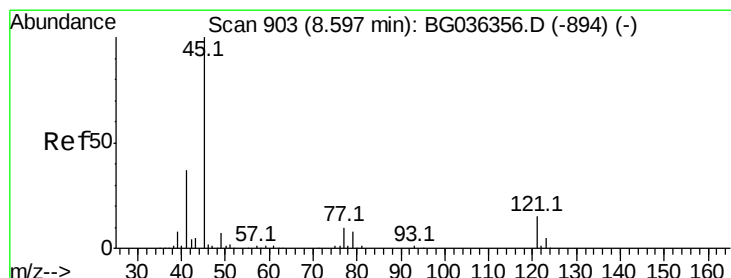
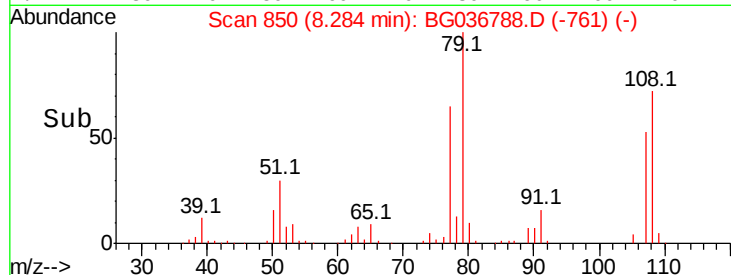
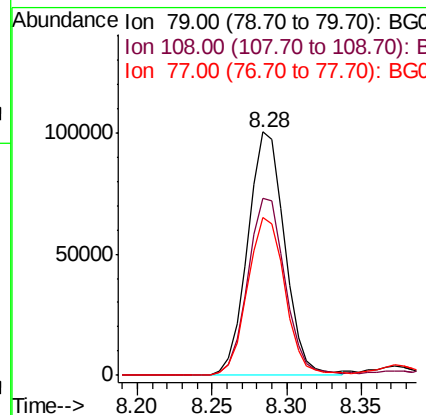
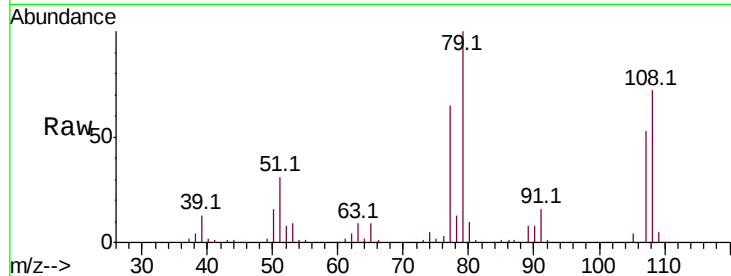
ClientSampled :

COMP-IMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	55.9	83.9
77	64.9	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.853 ng

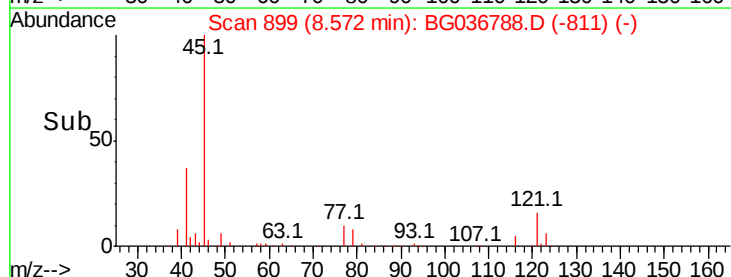
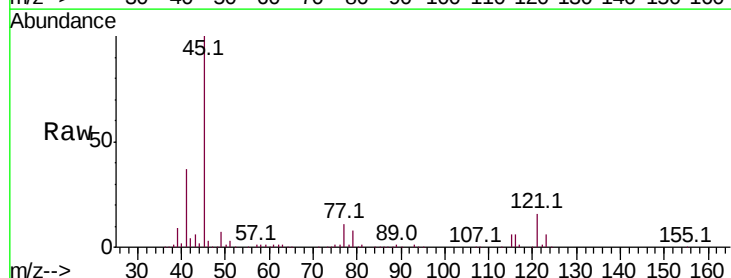
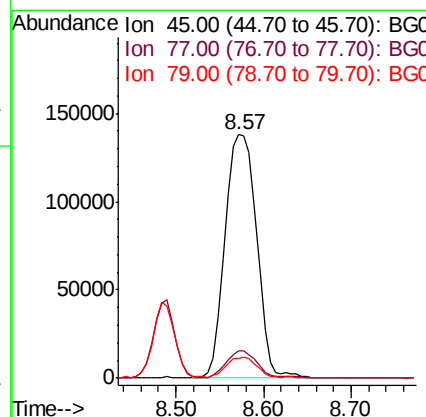
RT: 8.57 min Scan# 899

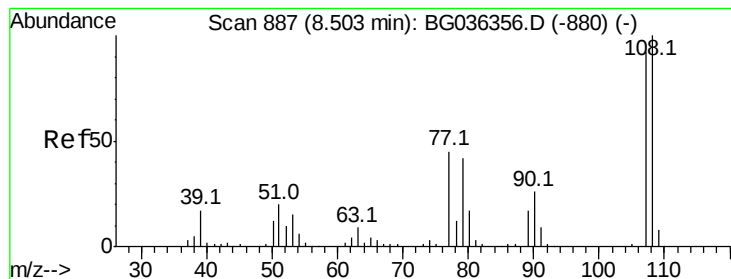
Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.5
79	8.1	0.0	27.9





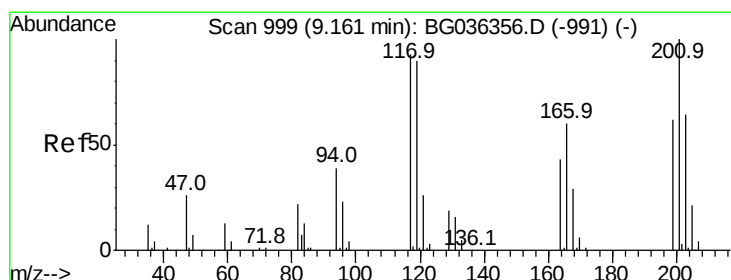
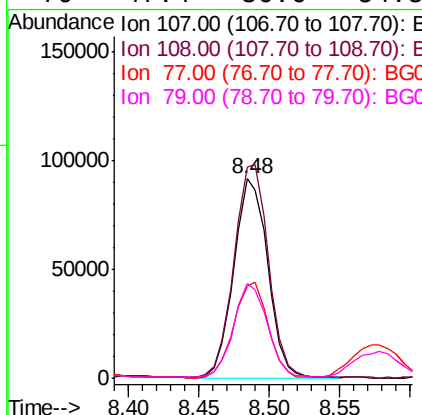
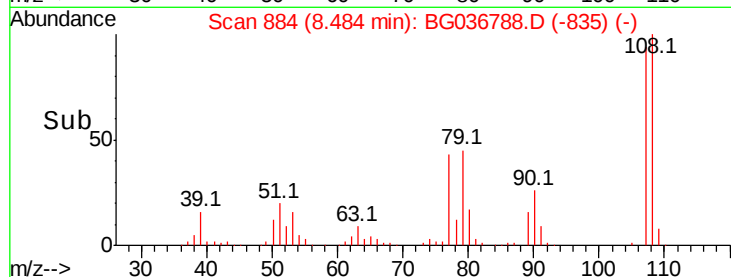
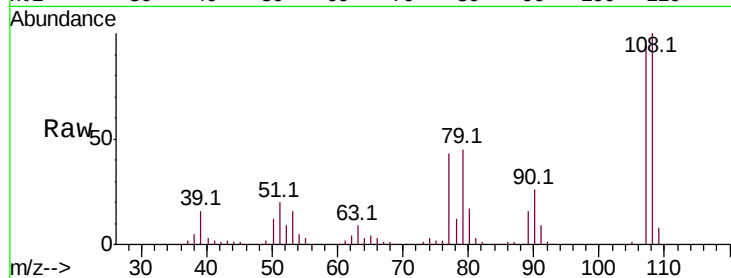
#17
2-Methylphenol
Concen: 43.411 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.0	86.7	130.1	
77	46.1	39.0	58.4	
79	47.4	36.6	54.8	

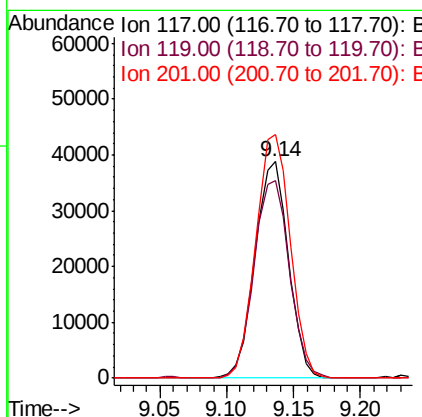
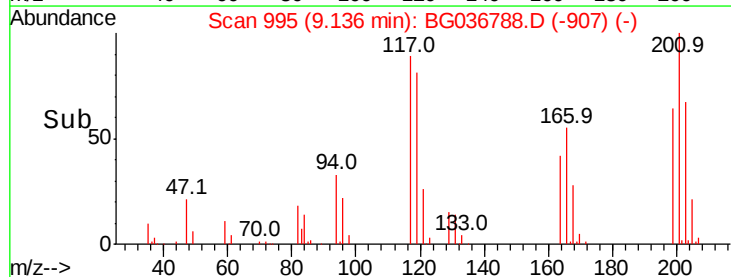
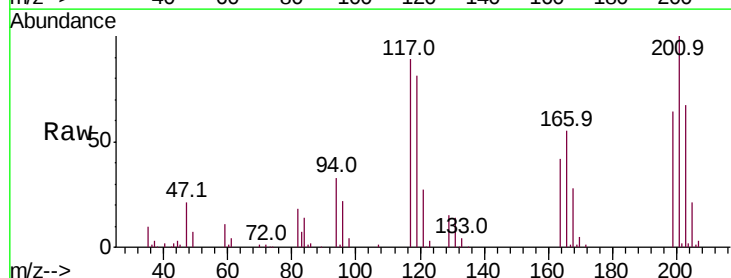
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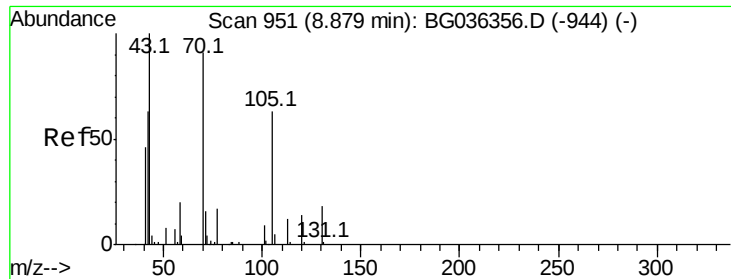
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#18
Hexachloroethane
Concen: 42.196 ng
RT: 9.14 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.3	76.8	115.2	
201	112.7	85.7	128.5	





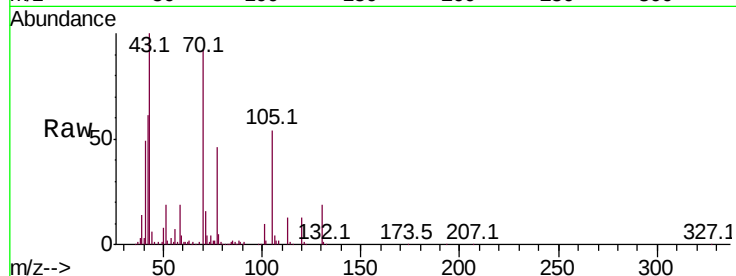
#19
n-Nitroso-di-n-propylamine
Concen: 39.564 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.2	56.2	84.4	
101	10.3	7.8	11.6	
130	21.1	16.2	24.2	

Manual Integrations
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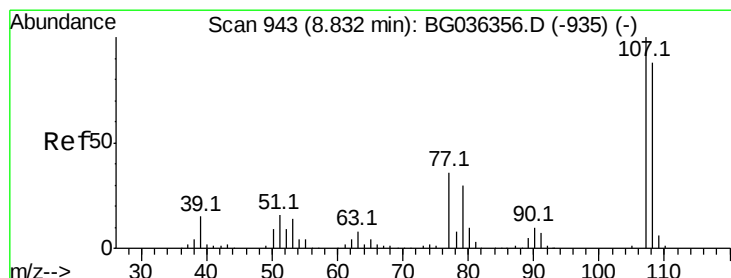
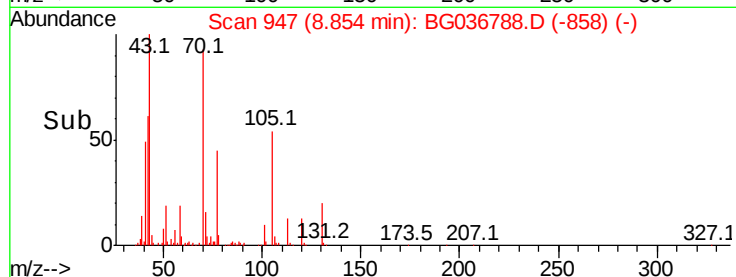
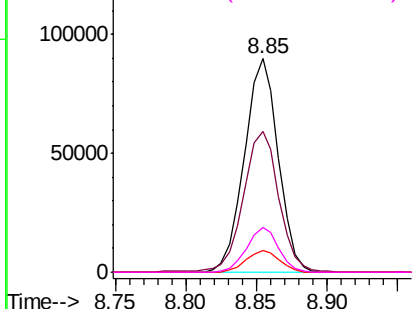
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 42.655 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	68.0	108.0	
77	36.2	15.6	55.6	
79	31.3	9.9	49.9	

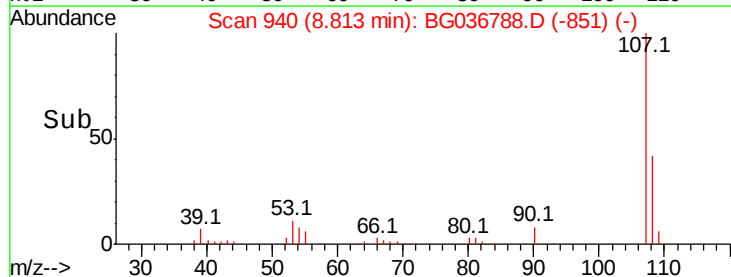
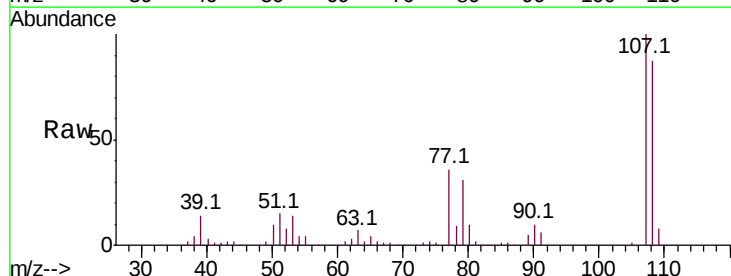
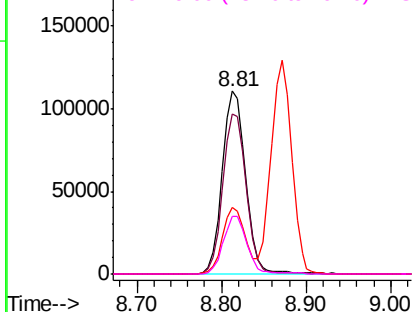
Abundance

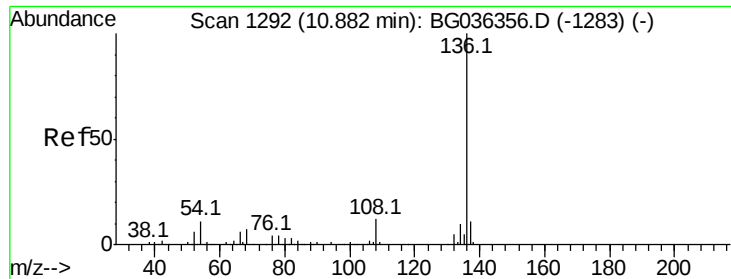
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





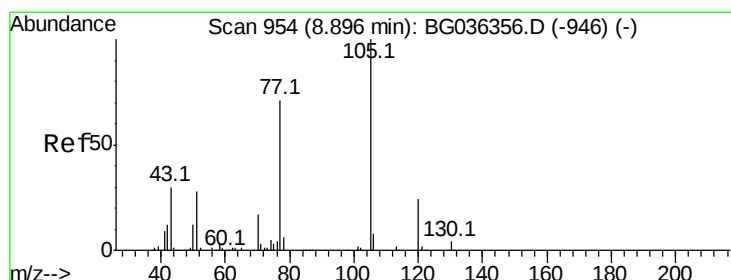
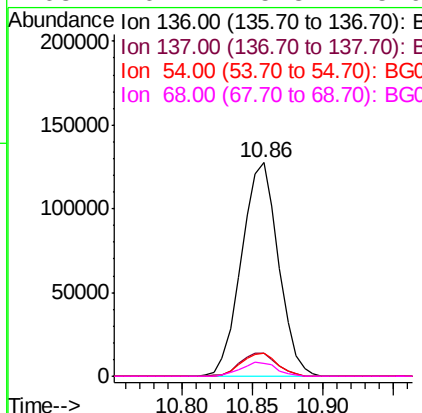
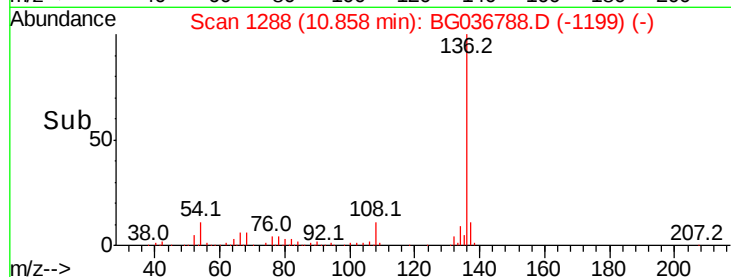
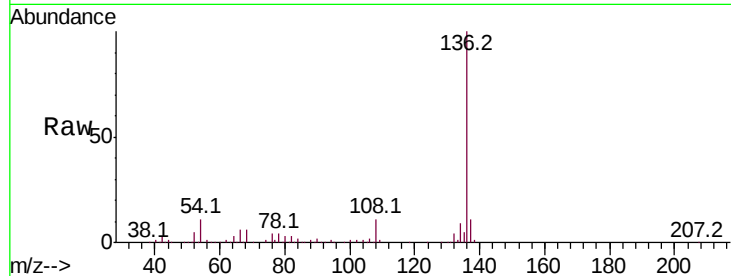
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	233085		
137	10.6		8.8	13.2
54	10.9		9.2	13.8
68	6.1		5.8	8.6

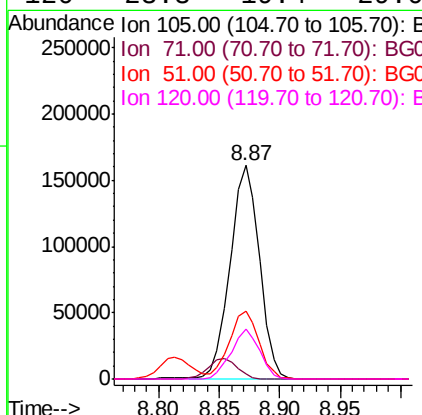
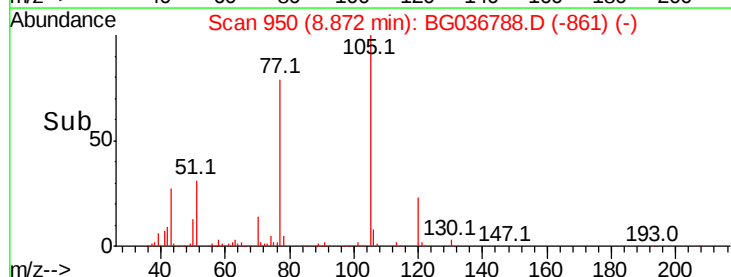
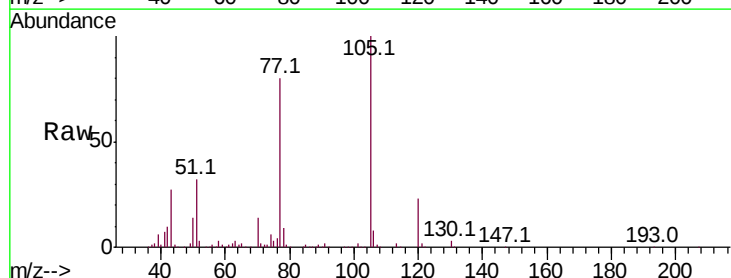
Manual Integrations
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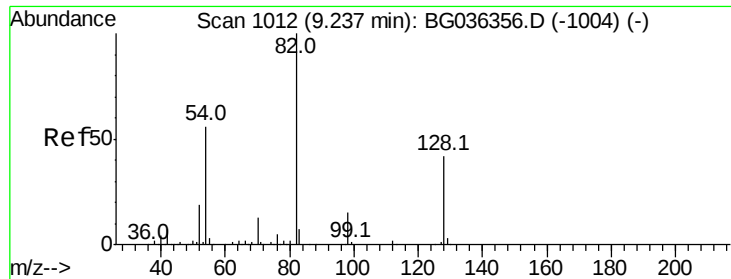
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#22
Acetophenone
Concen: 44.571 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272808		
71	2.2		2.4	3.6#
51	31.6		25.9	38.9
120	23.3		19.4	29.0





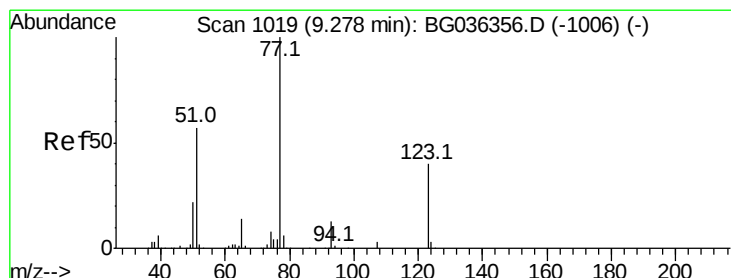
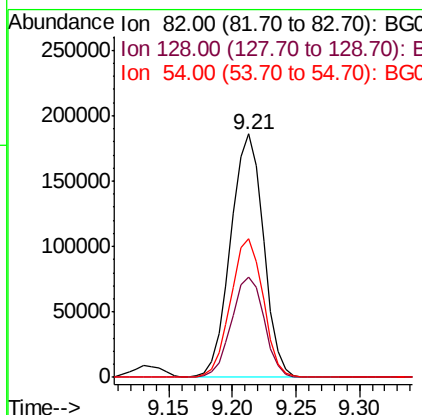
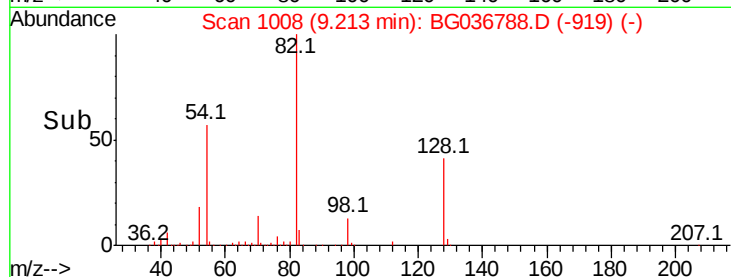
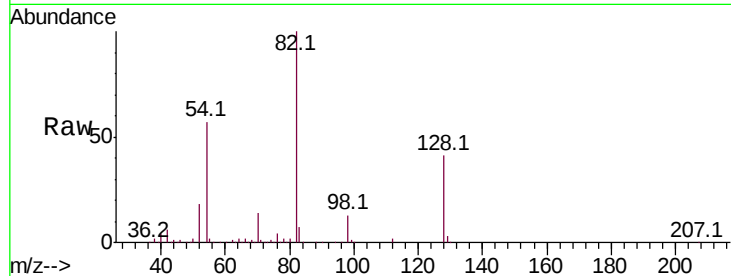
#23
Nitrobenzene-d5
Concen: 77.441 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	33.3	49.9	
54	56.7	45.1	67.7	

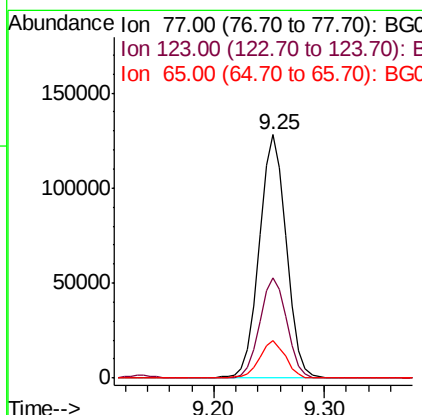
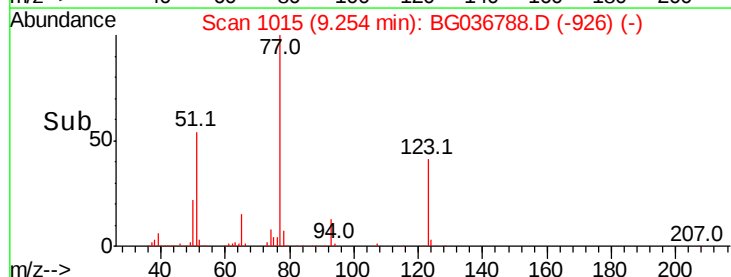
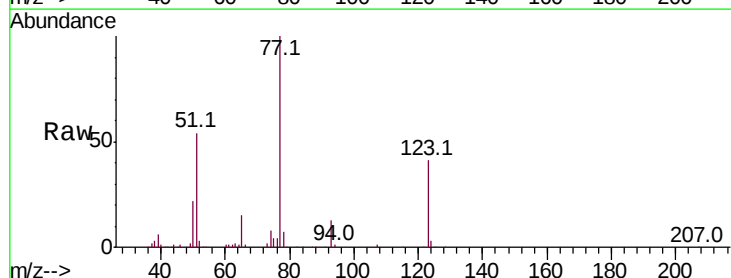
Manual Integrations
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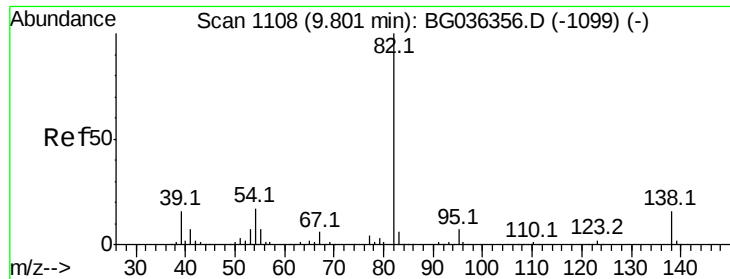
Sohil
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#24
Nitrobenzene
Concen: 47.380 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.3	32.4	48.6	
65	15.2	11.5	17.3	





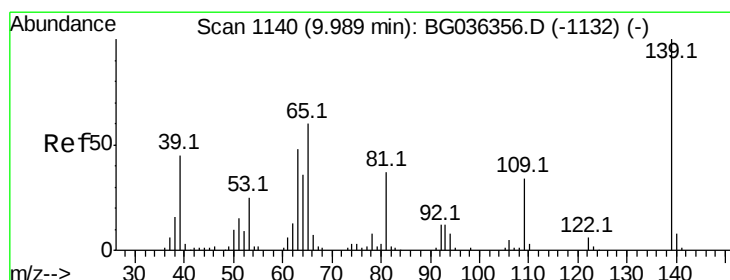
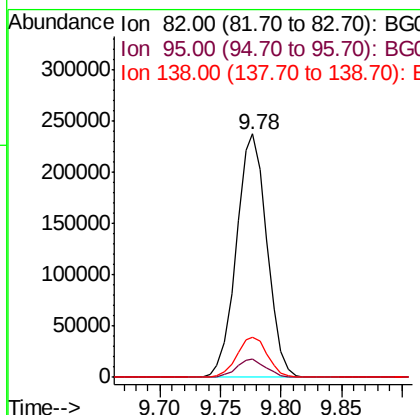
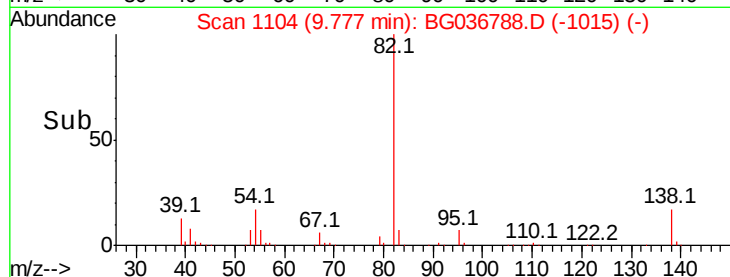
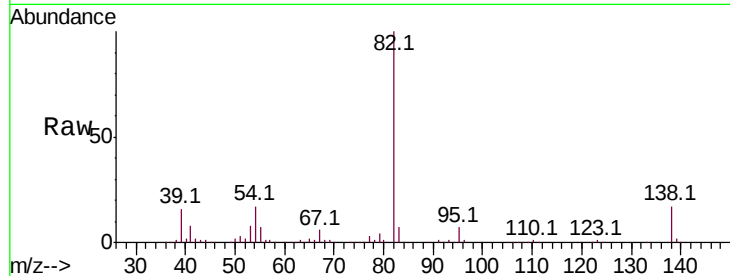
#25
Isophorone
Concen: 48.887 ng
RT: 9.78 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.8
138	16.6	12.9	19.3

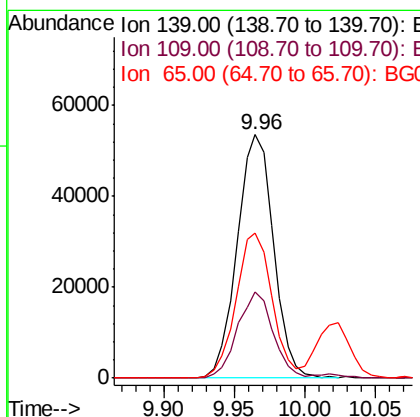
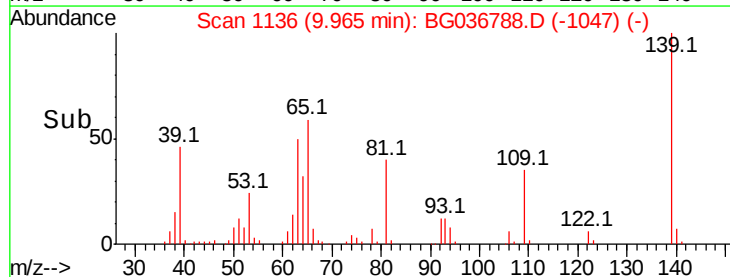
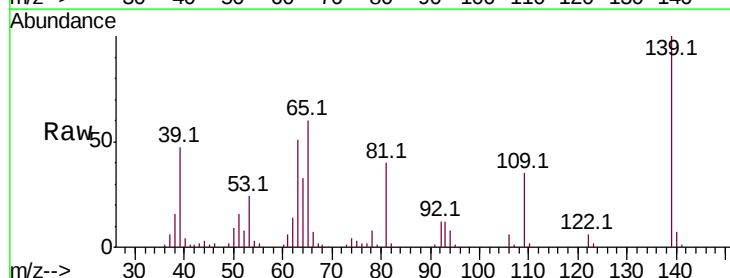
Manual Integrations
APPROVED

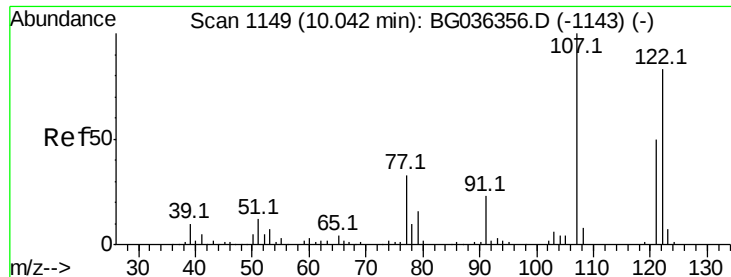
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#26
2-Nitrophenol
Concen: 52.518 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	35.4	27.4	41.0
65	59.6	47.8	71.6





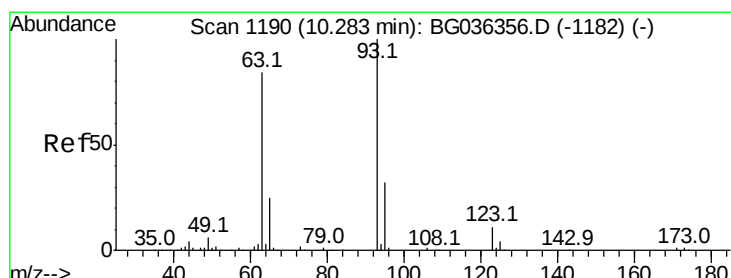
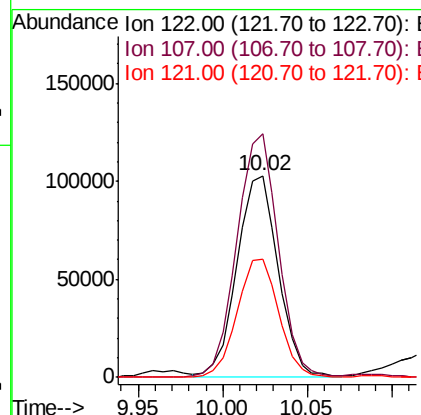
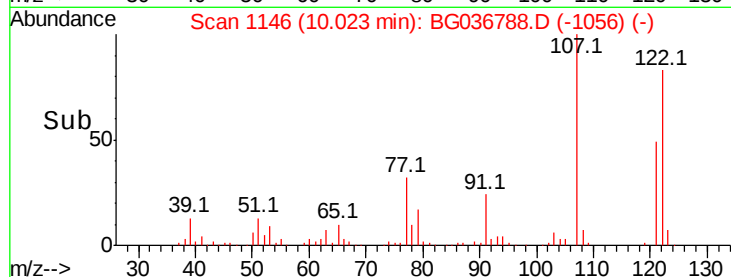
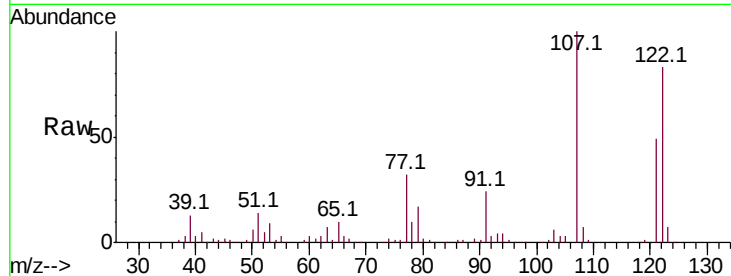
#27
2,4-Dimethylphenol
Concen: 51.401 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	174689		
107	120.7	96.0	144.0	
121	58.9	48.2	72.4	

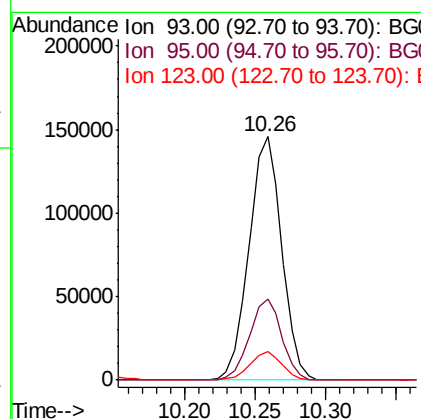
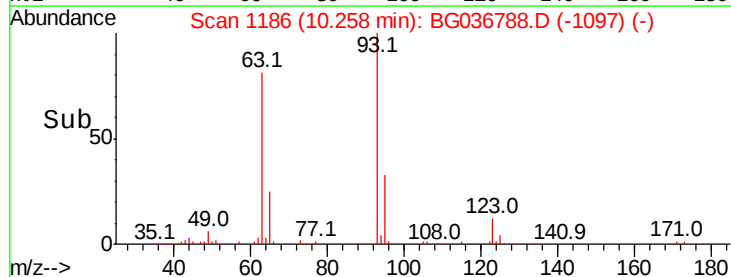
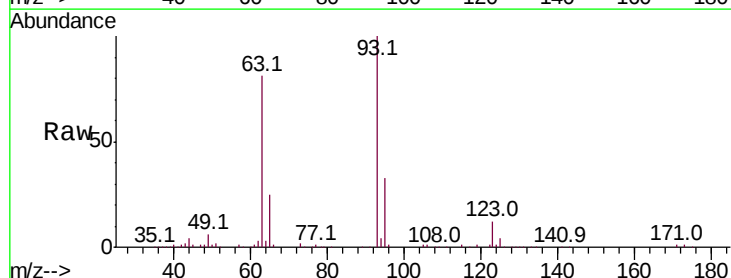
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#28
bis(2-Chloroethoxy)methane
Concen: 45.241 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	236956		
95	33.1	25.2	37.8	
123	11.8	8.6	12.8	





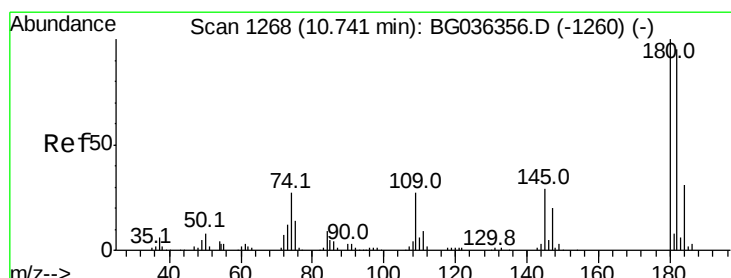
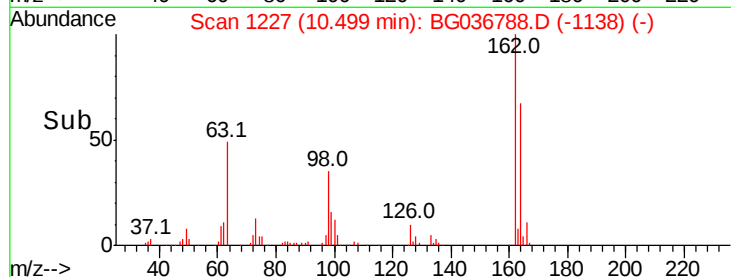
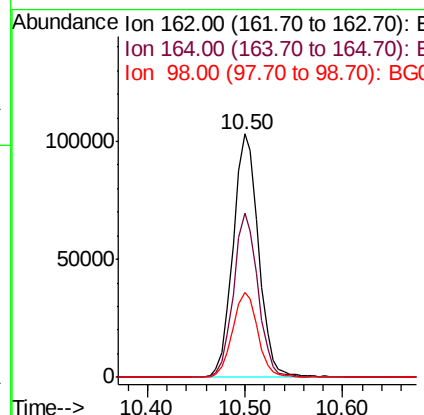
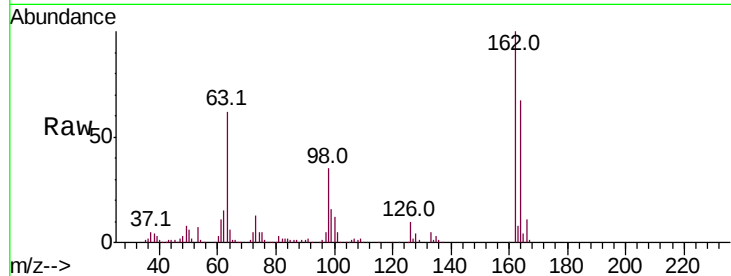
#29
2,4-Dichlorophenol
Concen: 49.991 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	186199		
164	67.3	47.6	87.6	
98	34.9	19.2	59.2	

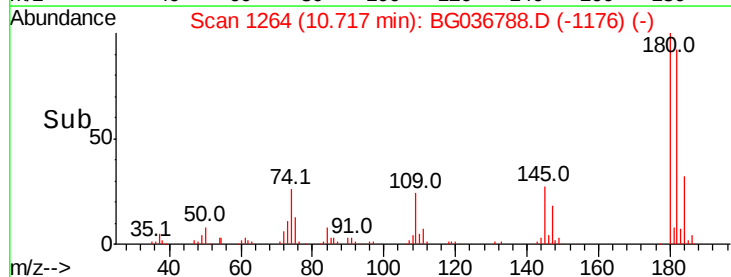
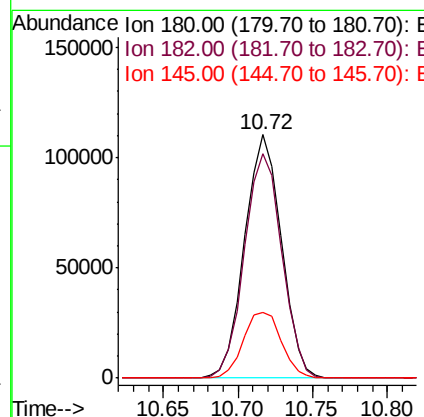
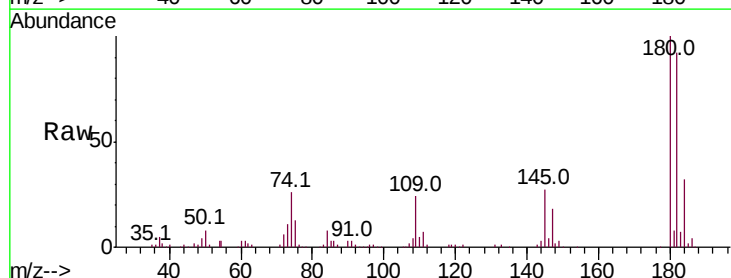
Manual Integrations
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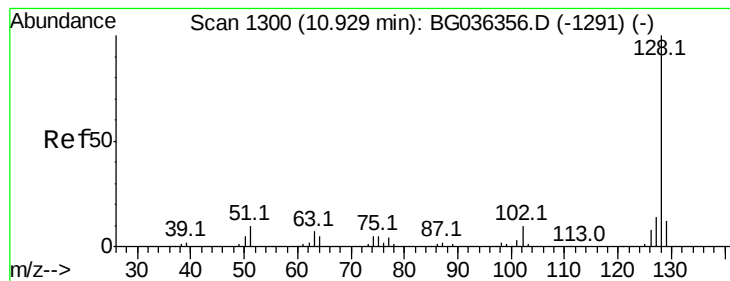
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 43.171 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188109		
182	92.4	76.0	114.0	
145	26.8	22.9	34.3	





#31

Naphthalene

Concen: 79.367 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

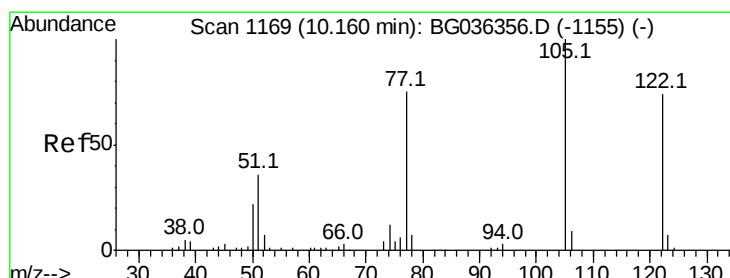
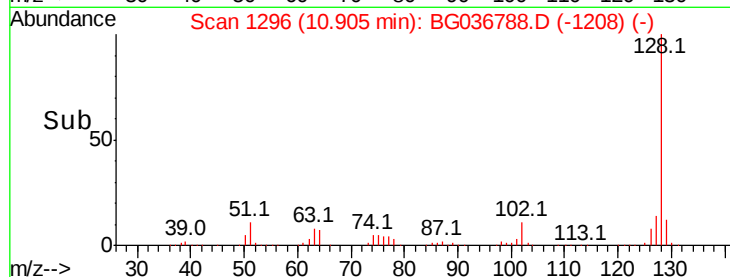
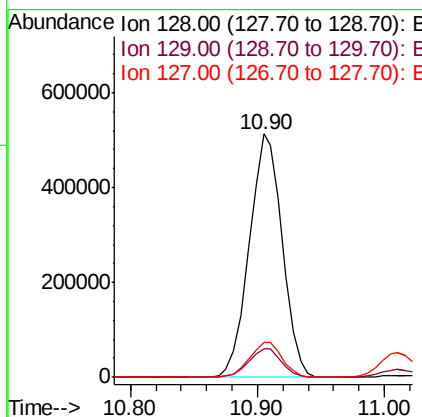
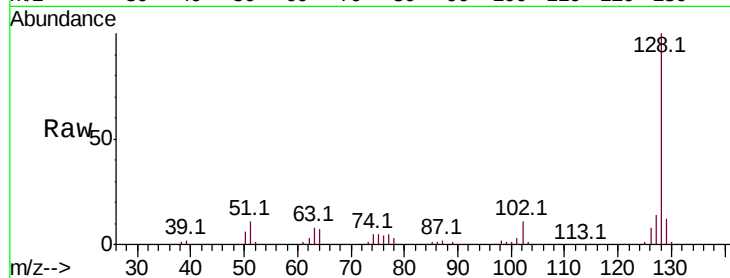
ClientSampleId :

COMP-IMS

Tot Ion:	128	Resp:	924760
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.4	14.2
127	14.5	11.0	16.4

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#32

Benzoic acid

Concen: 32.380 ng m

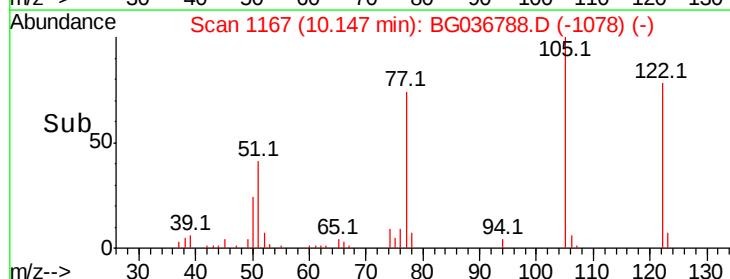
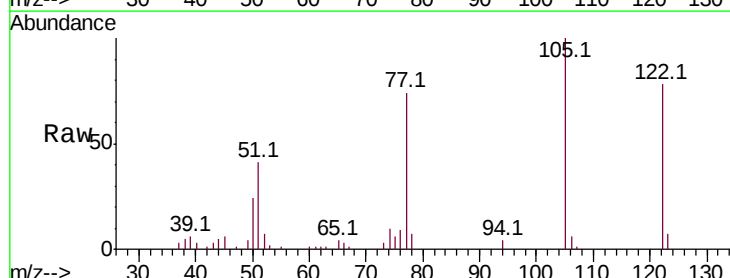
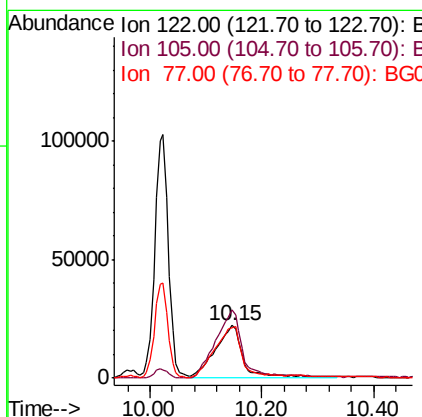
RT: 10.15 min Scan# 1167

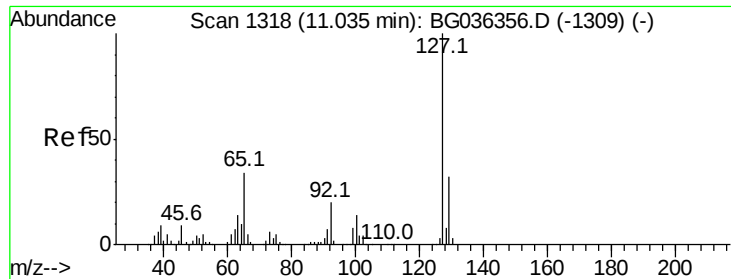
Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:	122	Resp:	77536
Ion Ratio	Lower	Upper	
122	100		
105	128.4	108.1	148.1
77	95.6	76.3	116.3





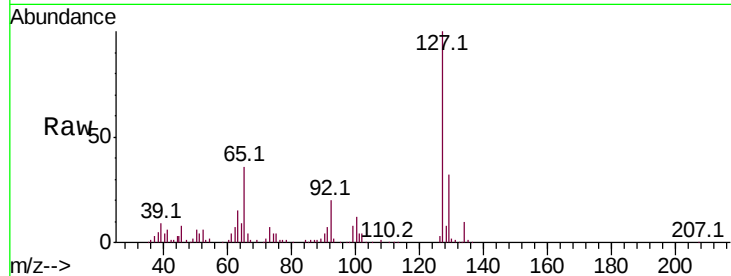
#33
4-Chloroaniline
Concen: 19.529 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

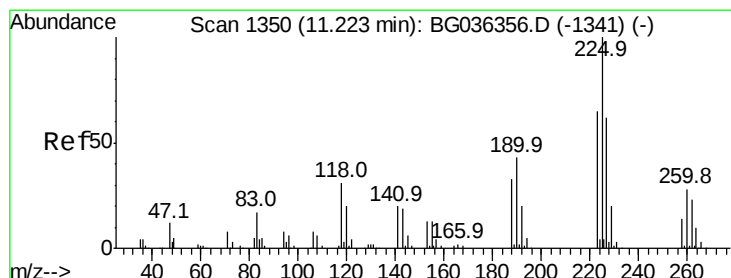
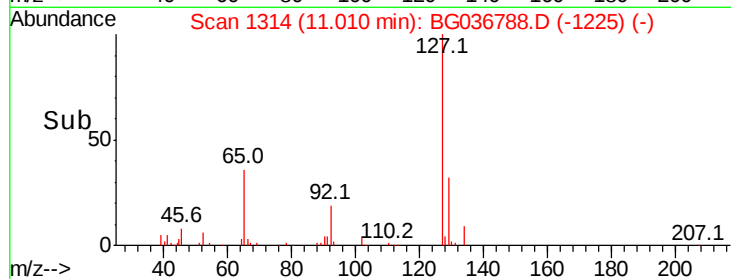
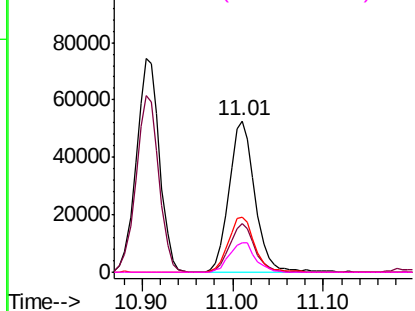
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	36.2	27.5	41.3
92	19.6	16.2	24.2

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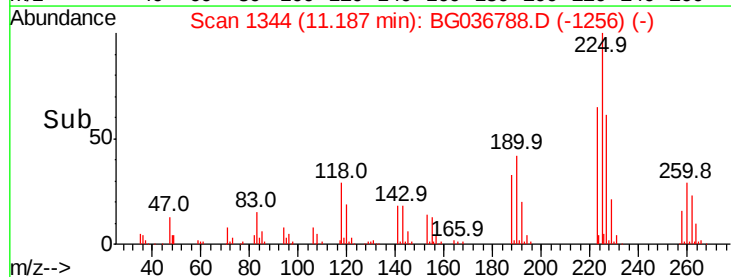
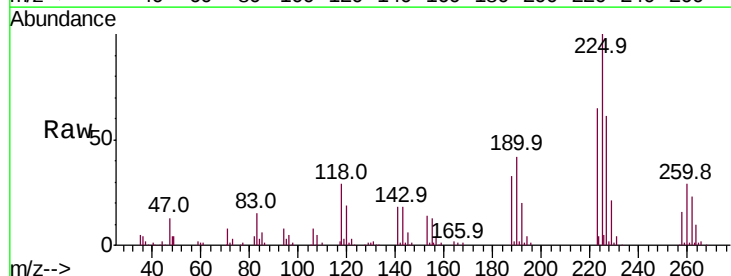
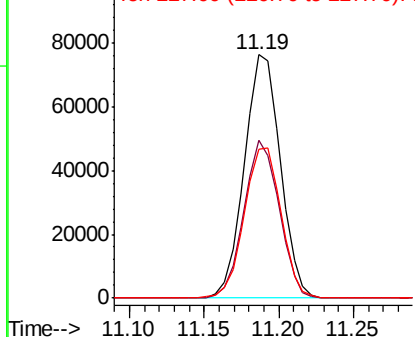
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

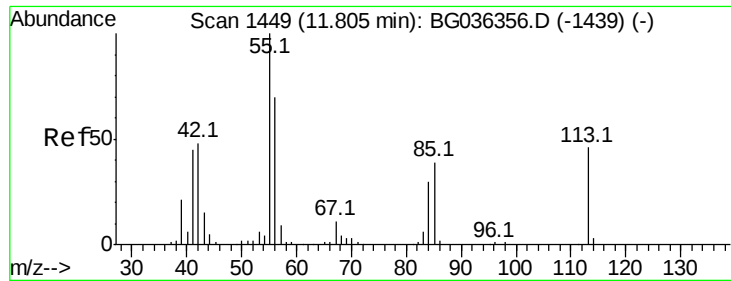


#34
Hexachlorobutadiene
Concen: 43.480 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.8	77.8
227	61.1	49.8	74.6

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.074 ng/mL

RT: 11.79 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

ClientSampleID :

COMP-IMS

Tot Ion:113 Resp: 52041

Ion Ratio Lower Upper

113 100

55 224.9 197.7 237.7

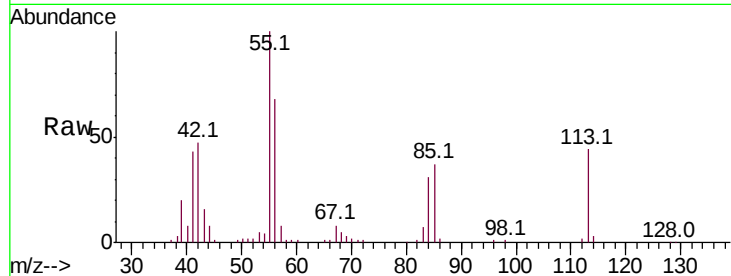
56 152.4 131.7 171.7

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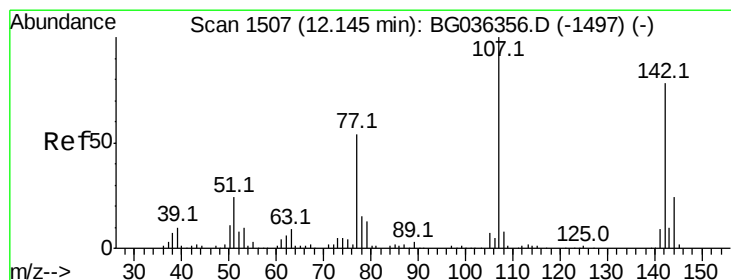
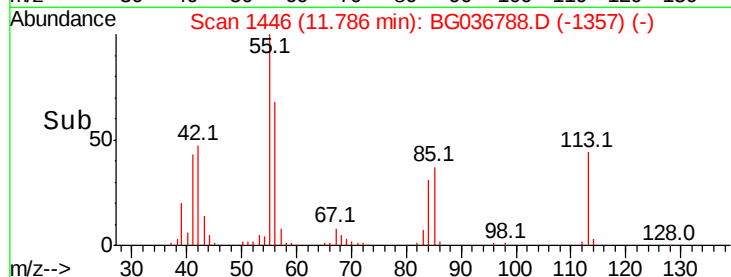
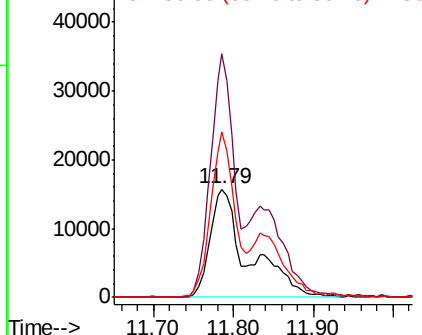
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.509 ng/mL

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

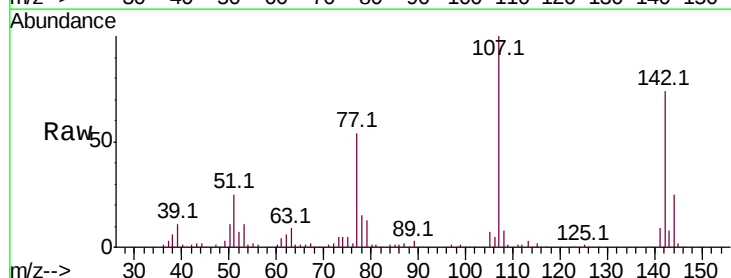
Tgt Ion:107 Resp: 209943

Ion Ratio Lower Upper

107 100

144 24.6 19.5 29.3

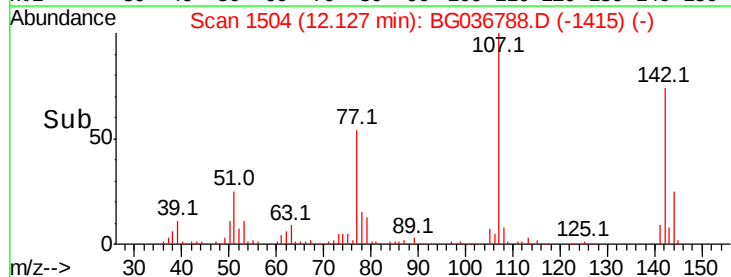
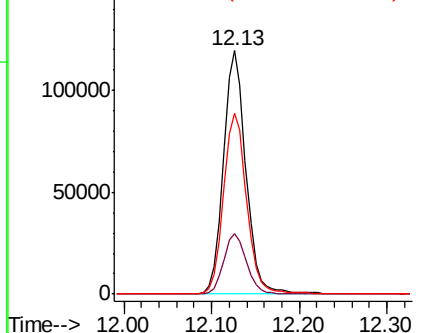
142 74.3 62.4 93.6

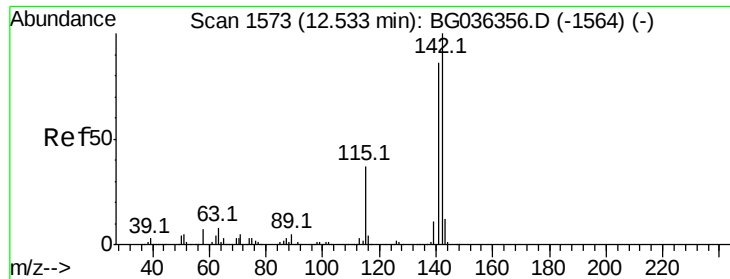


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





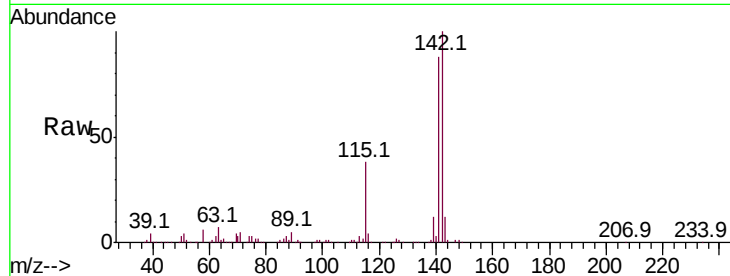
#37
2-Methylnaphthalene
Concen: 53.360 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.2	68.5	102.7	
115	38.3	29.8	44.8	

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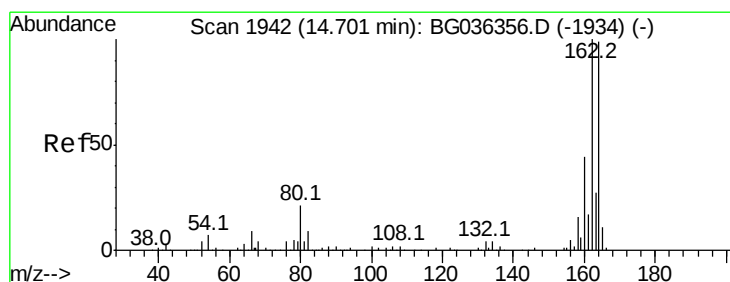
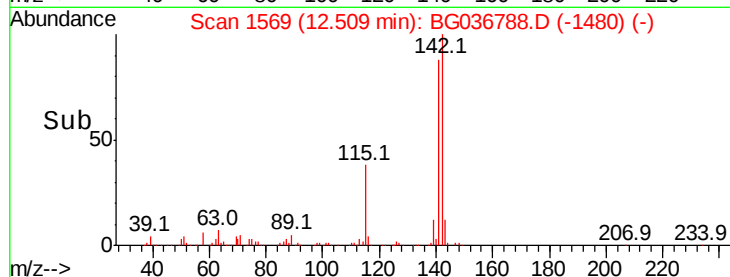
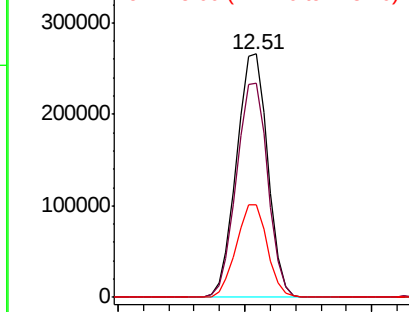


Abundance

Ion 142.00 (141.70 to 142.70): E

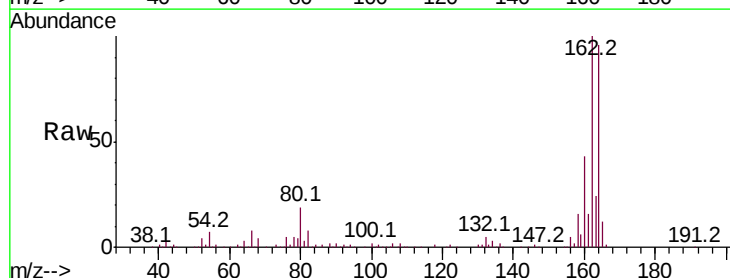
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	80.7	121.1	
160	44.6	35.3	52.9	

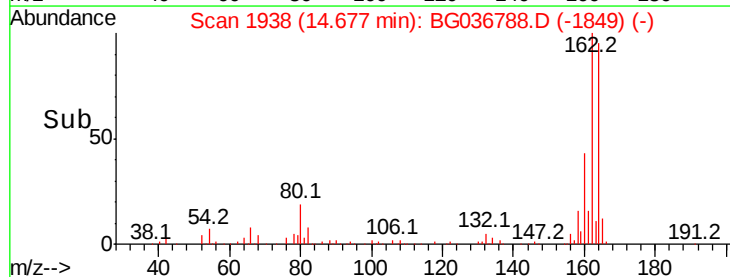
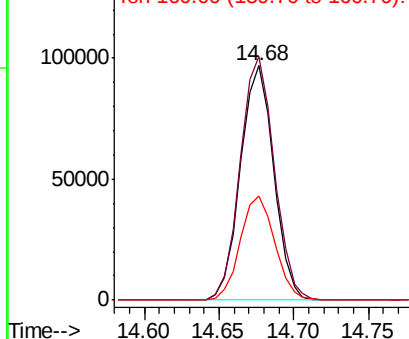


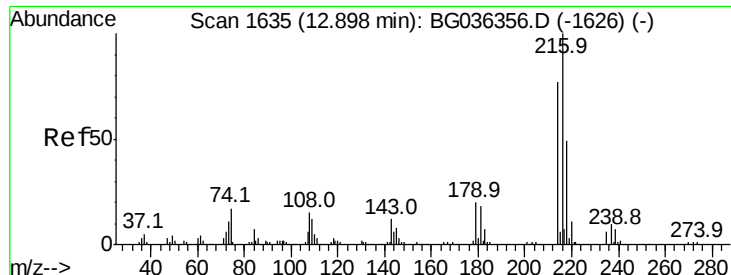
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





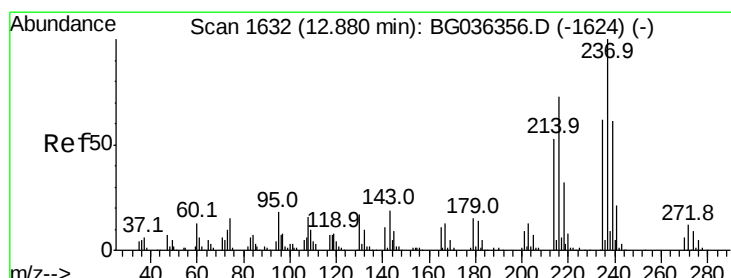
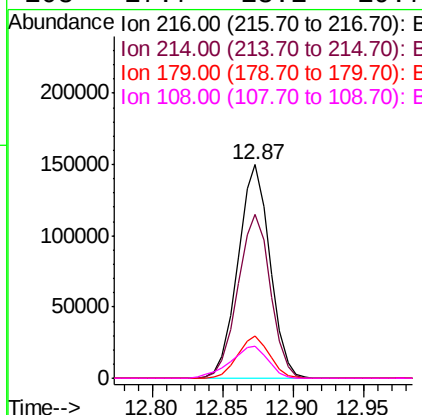
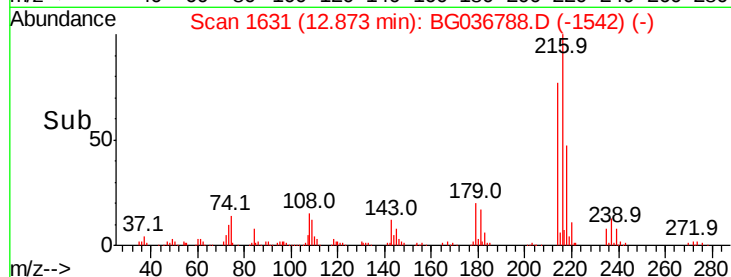
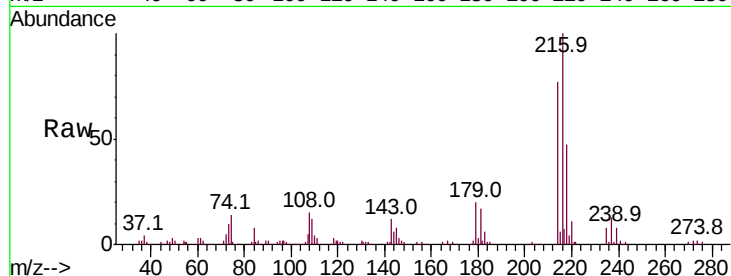
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.781 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	237628		
214	77.7	61.0	91.6	
179	19.6	15.7	23.5	
108	17.7	13.1	19.7	

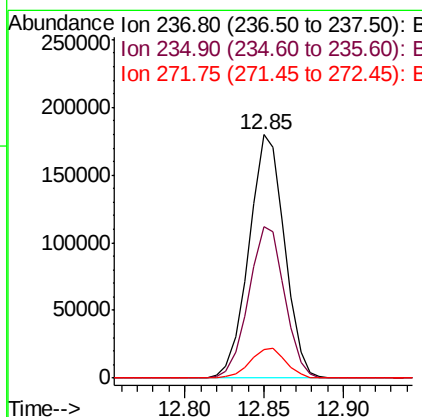
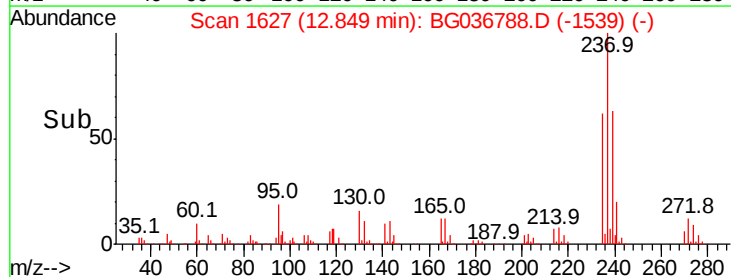
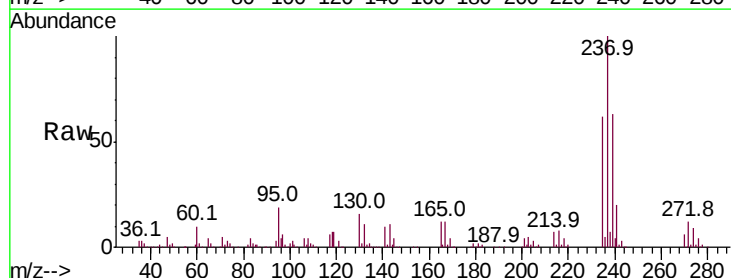
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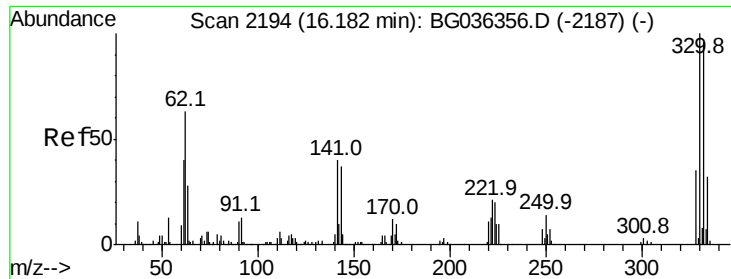
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#40
 Hexachlorocyclopentadiene
 Concen: 101.212 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	279439		
235	62.0	42.2	82.2	
272	11.8	0.0	32.1	





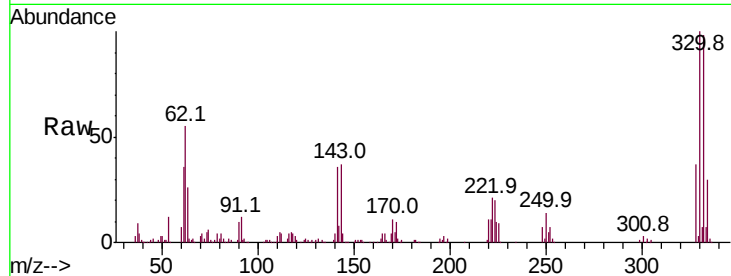
#41
 2,4,6-Tribromophenol
 Concen: 125.529 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	224596		
332	95.0	75.4	113.2	
141	36.2	30.7	46.1	

Manual Integrations
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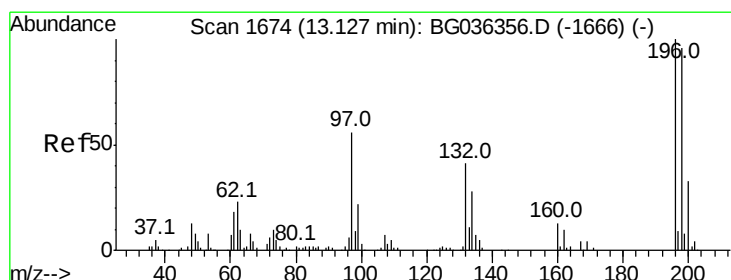
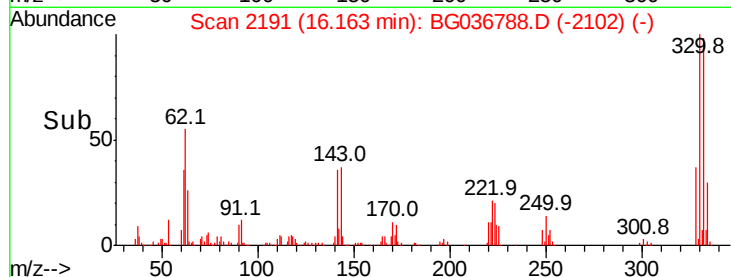
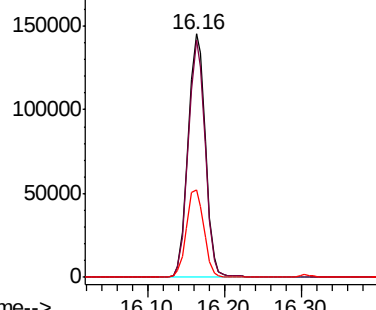


Abundance

Ion 329.80 (329.50 to 330.50): E

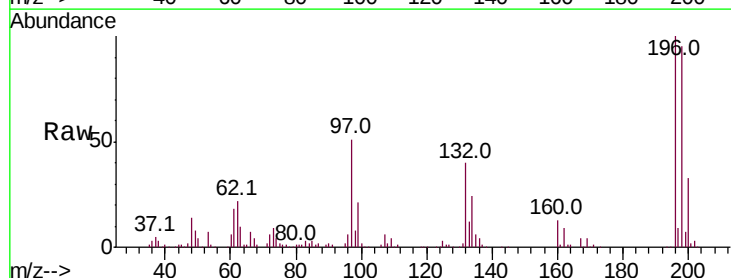
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.259 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162458		
198	95.1	77.2	115.8	
200	33.4	26.3	39.5	

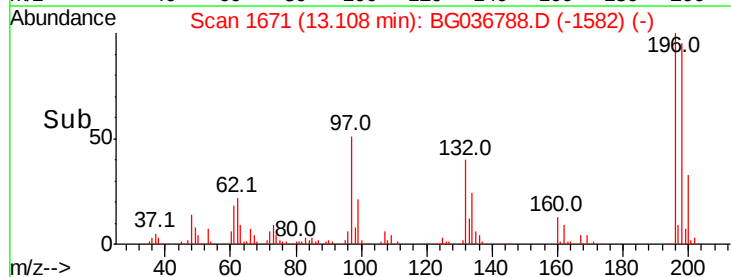
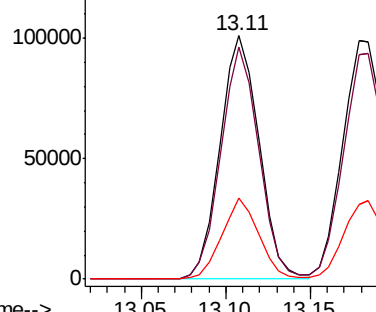


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





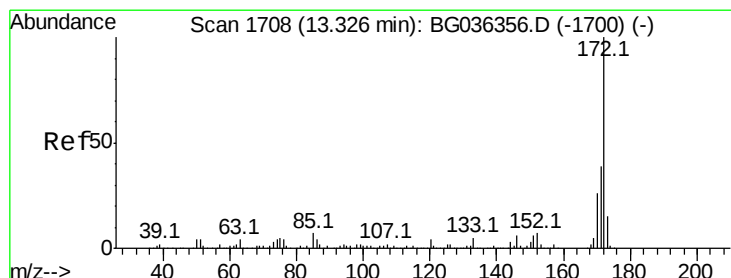
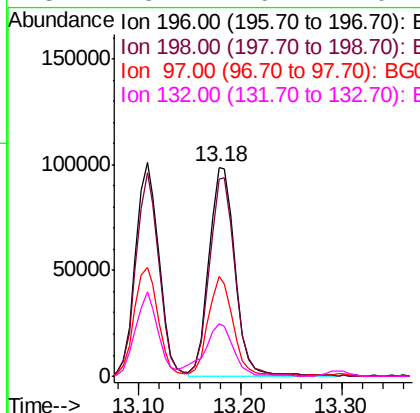
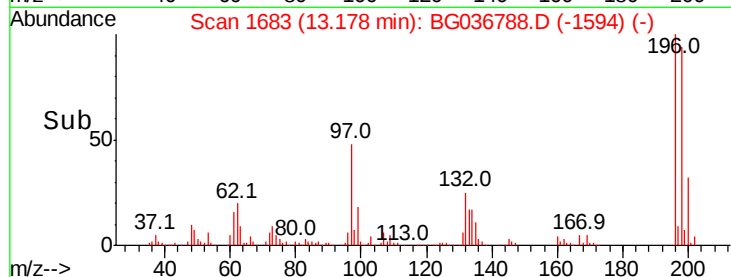
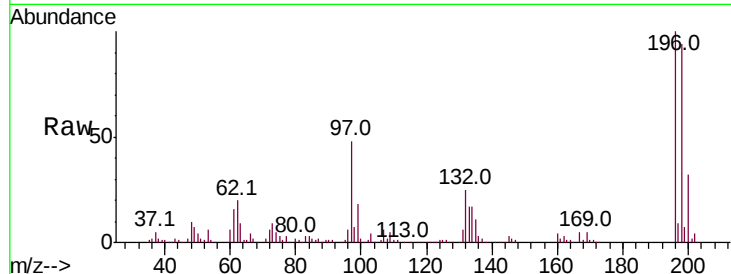
#43
 2,4,5-Trichlorophenol
 Concen: 51.014 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

Tot Ion	196	Resp	175883
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.6	113.4
97	47.8	37.2	55.8
132	25.4	19.4	29.2

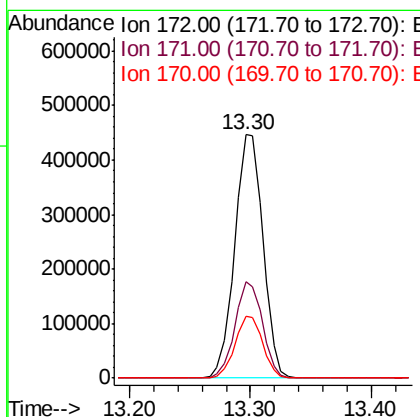
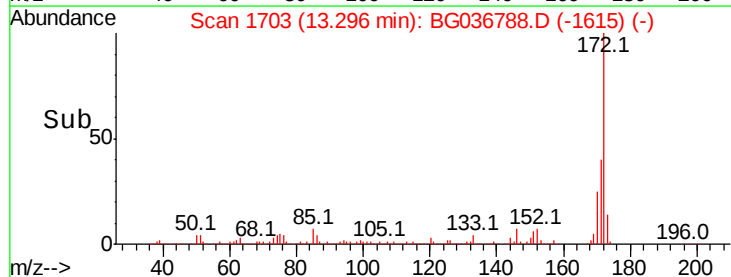
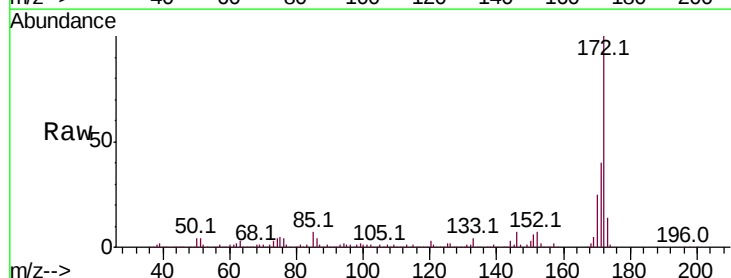
Manual Integrations
 APPROVED

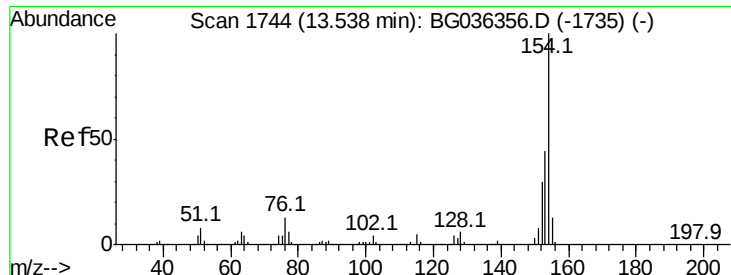
Sohil
 9/19/2018 12:30:03 PM



#44
 2-Fluorobiphenyl
 Concen: 69.410 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	172	Resp	728922
Ion Ratio	Lower	Upper	
172	100		
171	39.8	31.3	46.9
170	25.4	21.0	31.6





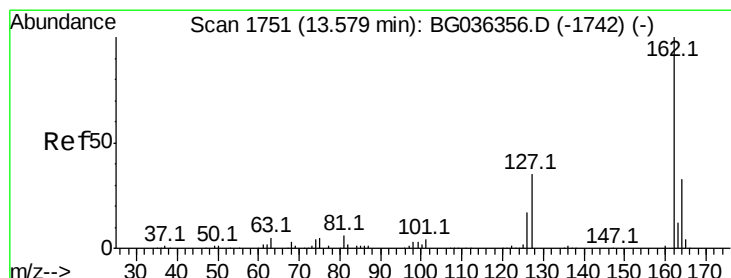
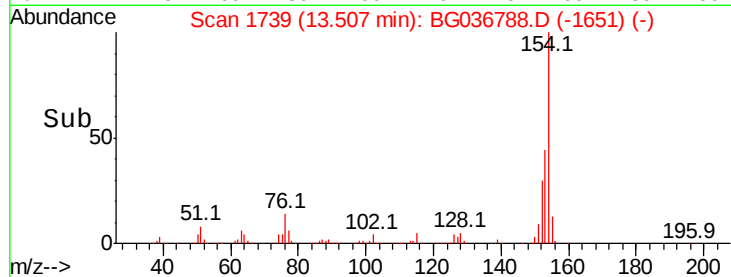
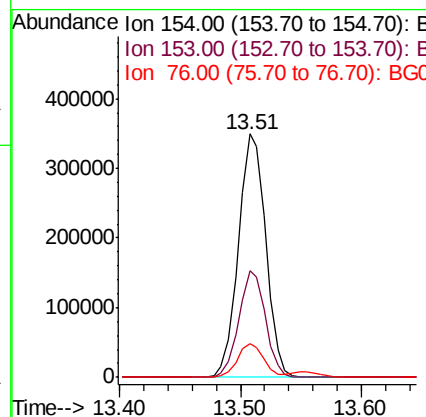
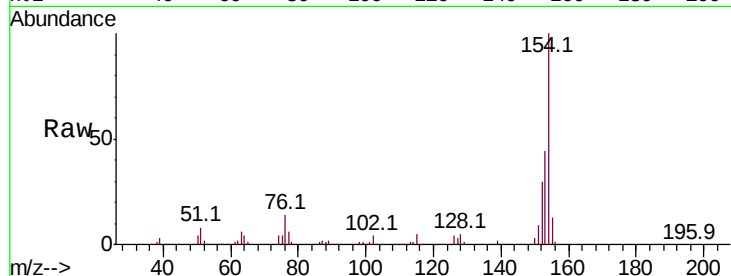
#45
 1,1'-Biphenyl
 Concen: 44.131 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

Tot Ion:	154	Resp:	549291
Ion Ratio	Lower	Upper	
154	100		
153	43.6	24.0	64.0
76	13.7	0.0	32.9

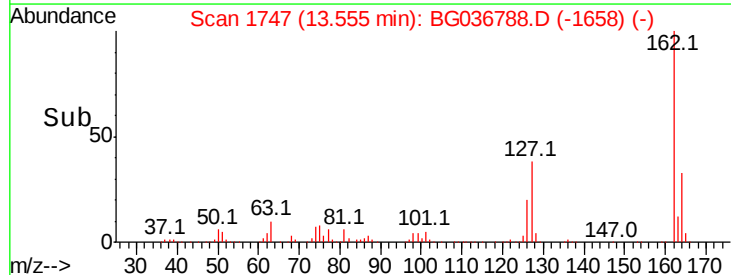
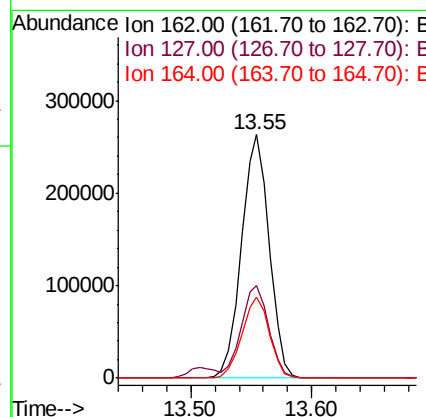
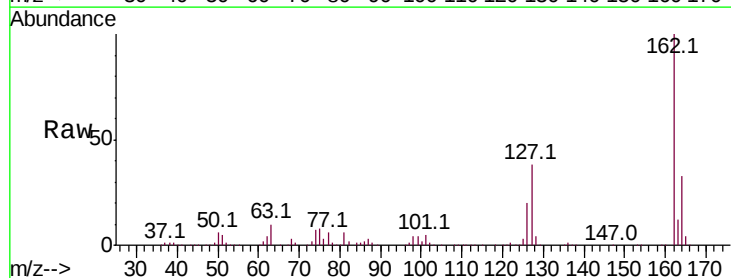
Manual Integrations
 APPROVED

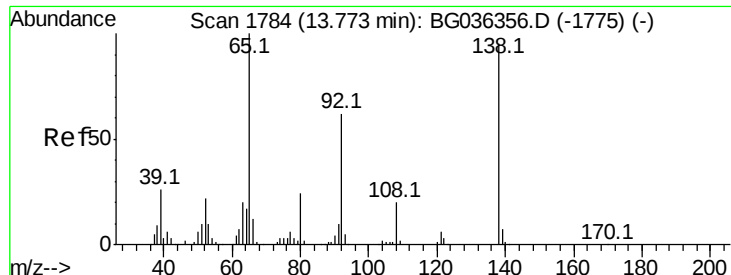
Sohil
 9/19/2018 12:30:03 PM



#46
 2-Chloronaphthalene
 Concen: 44.238 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion:	162	Resp:	420345
Ion Ratio	Lower	Upper	
162	100		
127	38.0	30.7	46.1
164	33.1	26.7	40.1





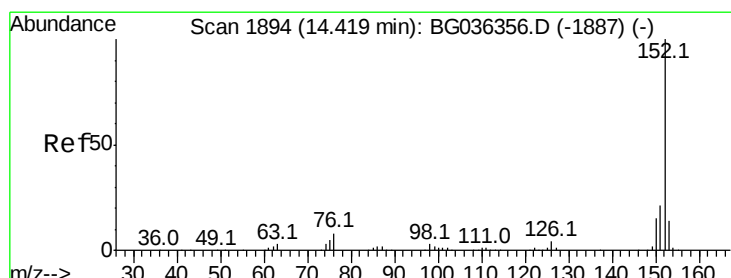
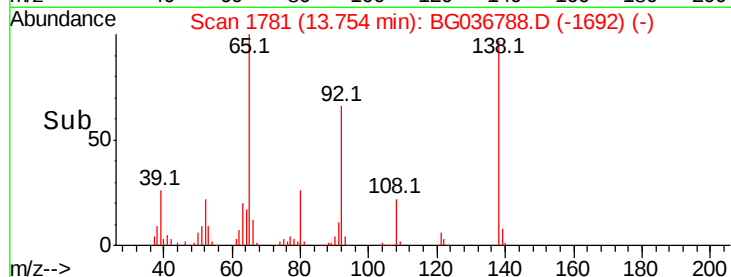
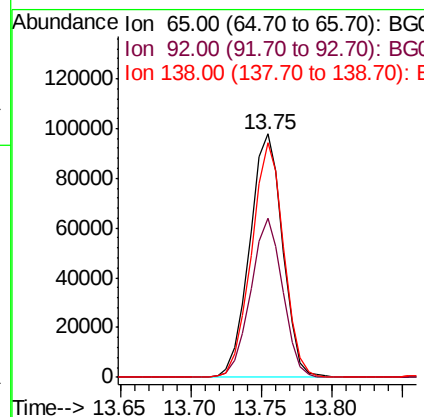
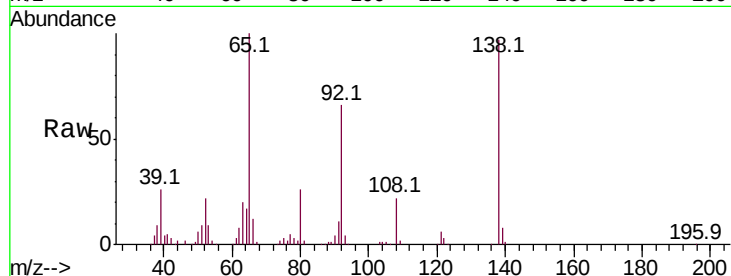
#47
2-Nitroaniline
Concen: 53.812 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	49.9	74.9
138	96.5	76.2	114.4

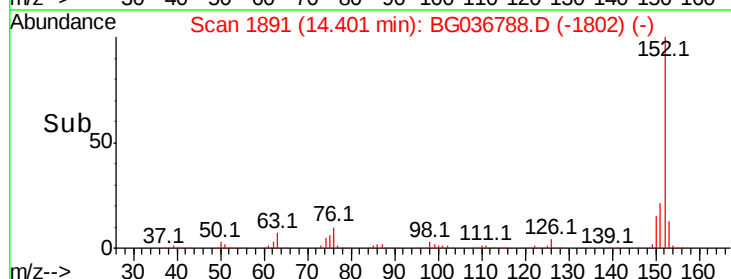
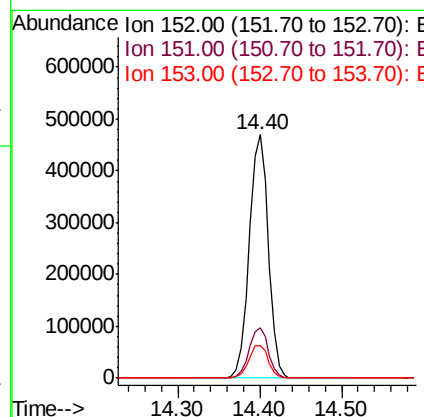
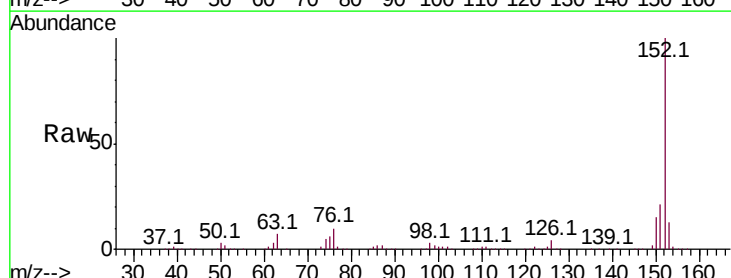
Manual Integrations
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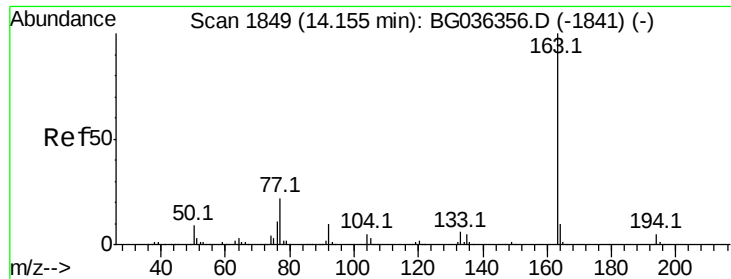
Sohil
9/19/2018 12:30:03 PM



#48
Acenaphthylene
Concen: 51.114 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.5	11.2	16.8





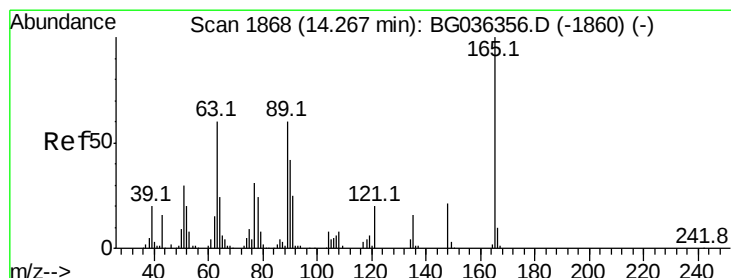
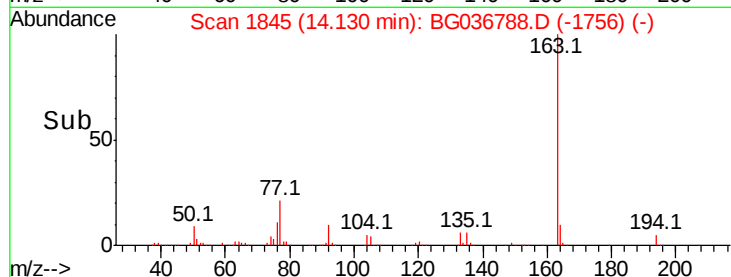
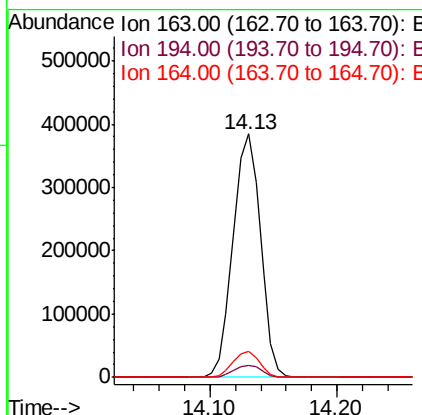
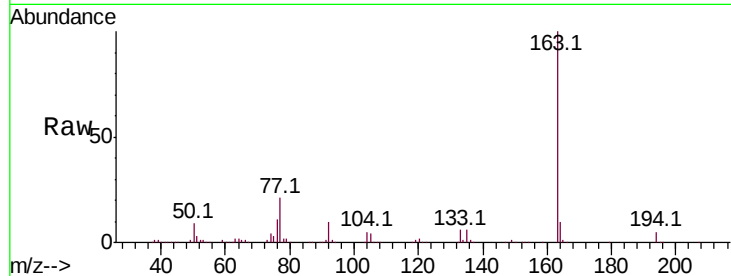
#49
Dimethylphthalate
Concen: 47.014 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	575632		
194	4.8		4.0	6.0
164	10.4		8.1	12.1

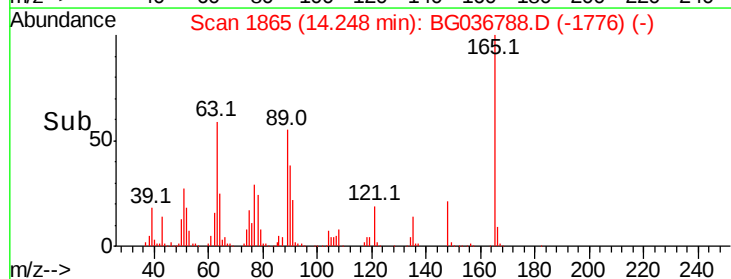
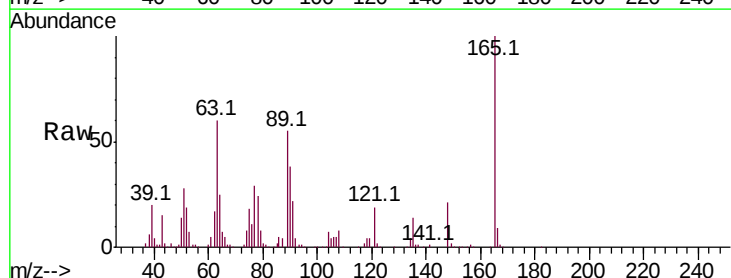
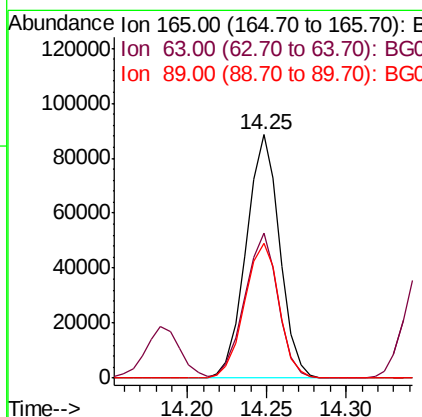
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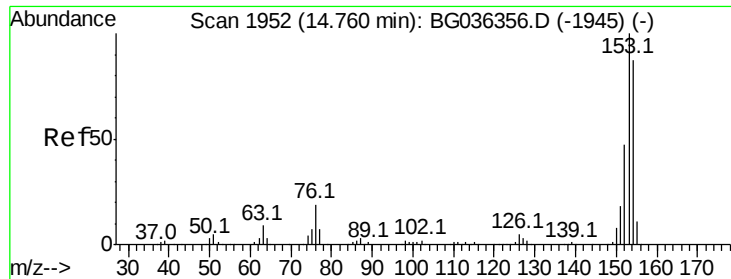
Sohil
9/19/2018 12:30:03 PM



#50
2,6-Dinitrotoluene
Concen: 51.468 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129672		
63	59.8		50.1	75.1
89	55.3		47.8	71.6





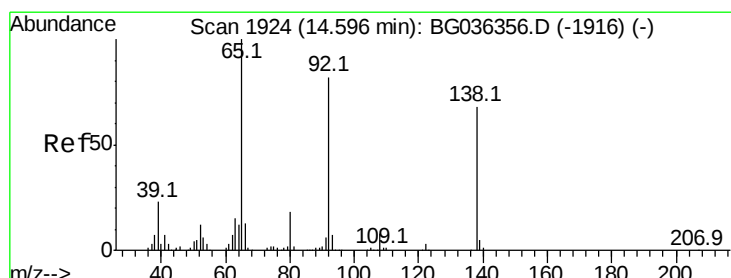
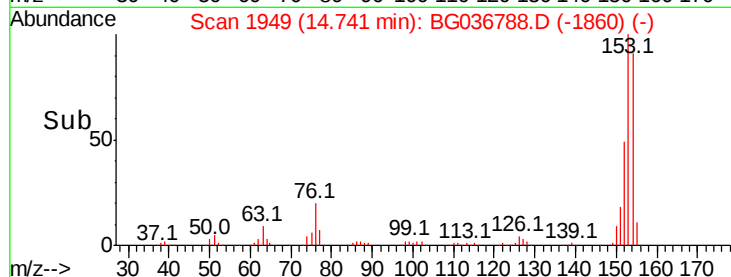
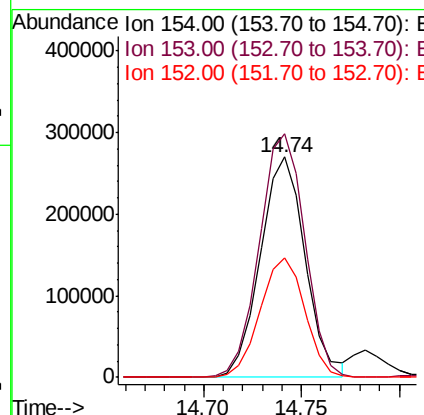
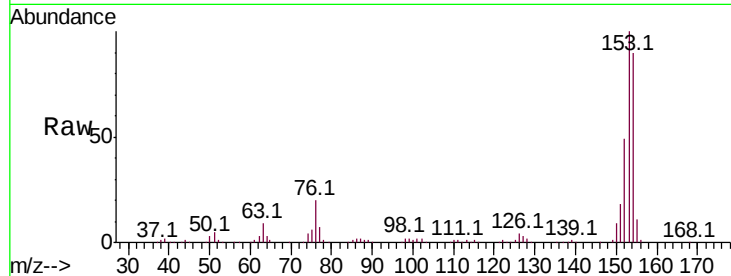
#51
Acenaphthene
Concen: 45.315 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.5	91.8	137.6
152	54.1	43.5	65.3

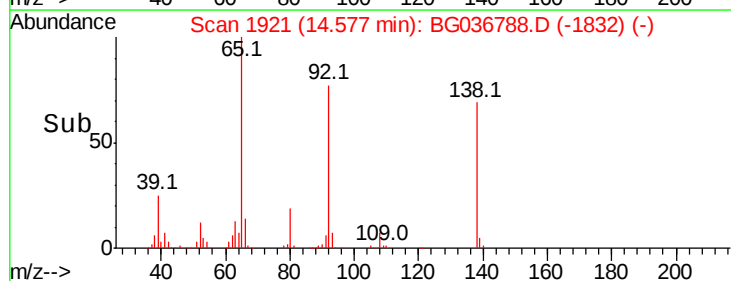
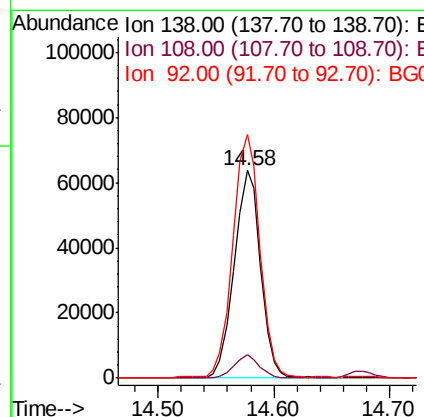
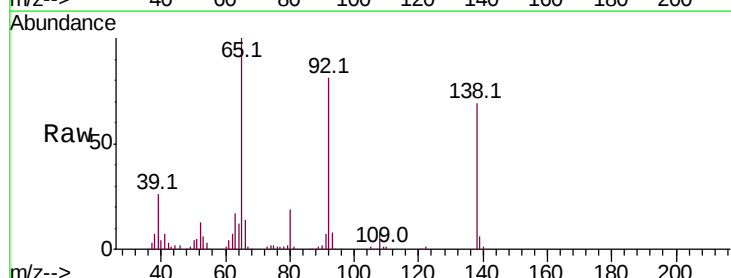
Manual Integrations
APPROVED

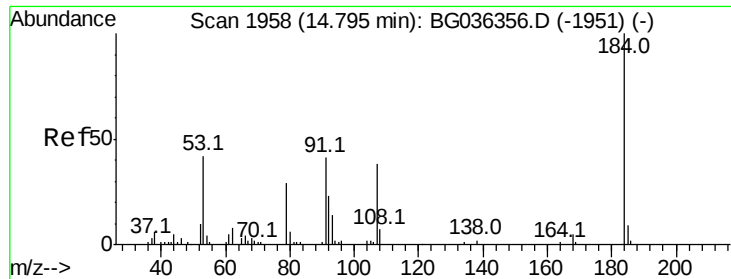
Sohil
9/19/2018 12:30:03 PM



#52
3-Nitroaniline
Concen: 37.204 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.2
92	117.5	96.8	145.2





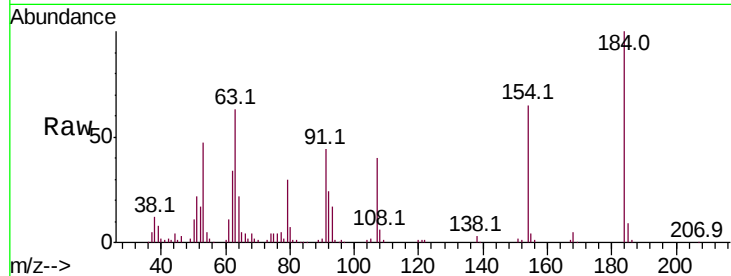
#53
2,4-Dinitrophenol
Concen: 85.054 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.9	47.3	70.9
154	64.7	51.1	76.7

Manual Integrations
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Sohil
9/19/2018 12:30:03 PM

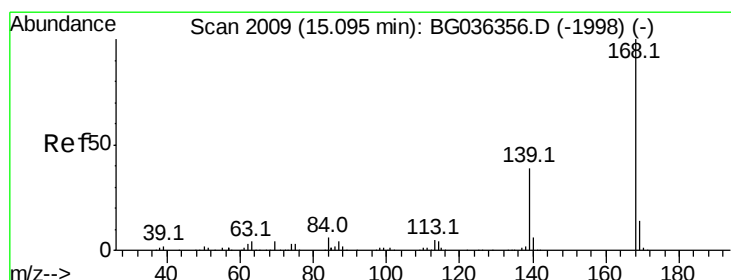
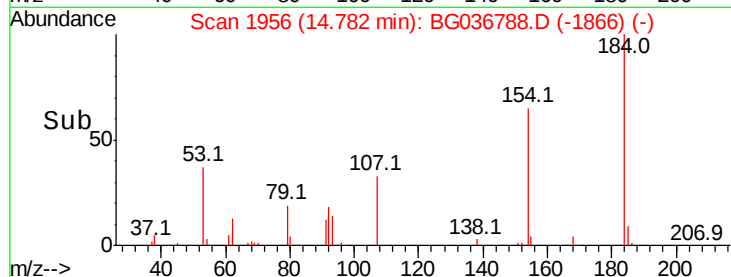
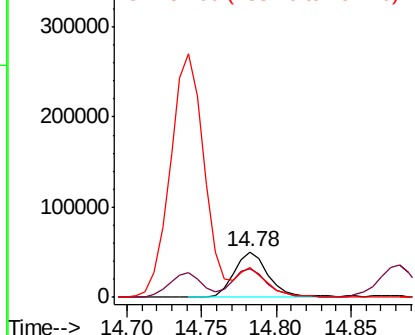


Abundance

Ion 184.00 (183.70 to 184.70): E

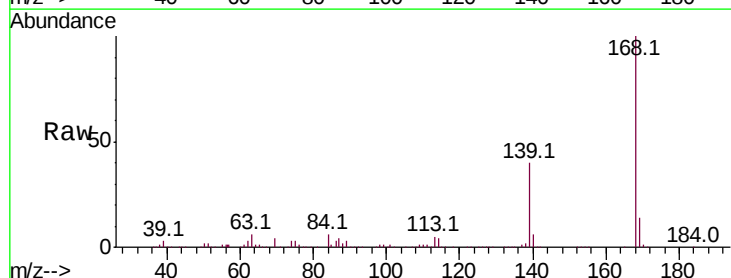
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 46.961 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.0	46.6
169	14.3	11.1	16.7

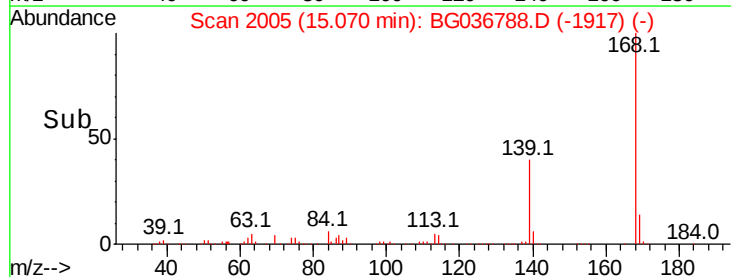
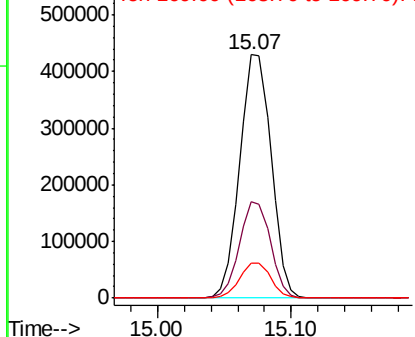


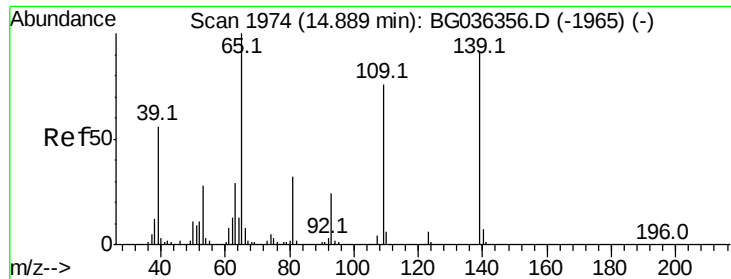
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





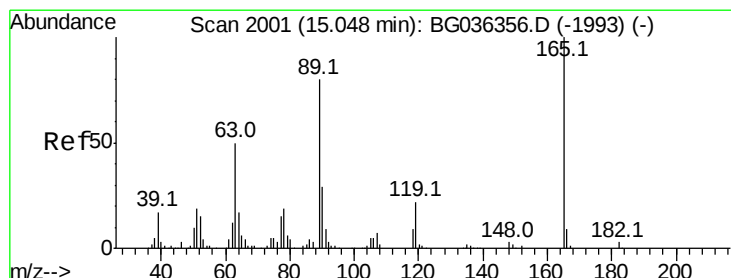
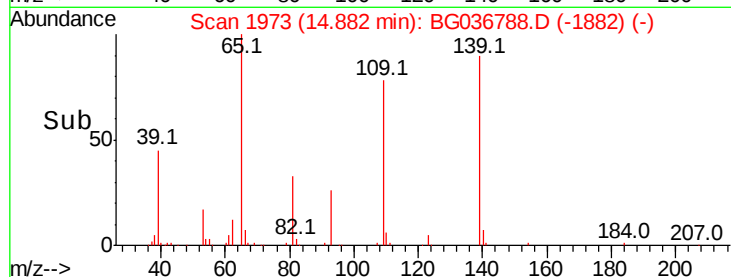
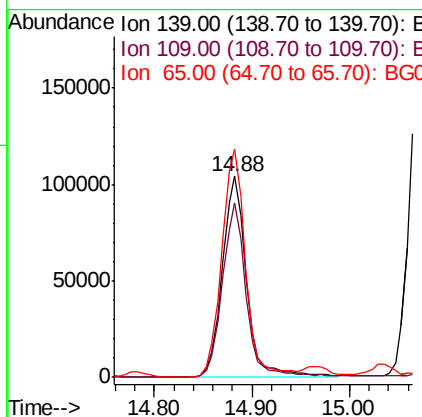
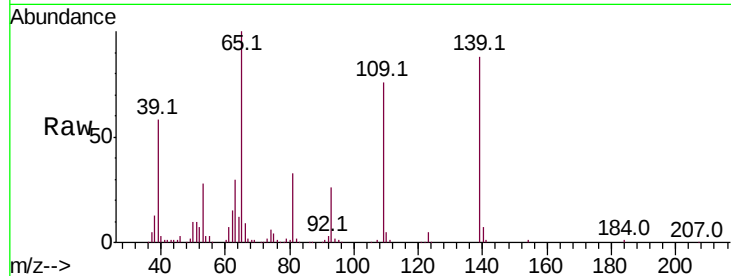
#55
4-Nitrophenol
Concen: 81.212 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	180283		
109	86.8	63.9	103.9	
65	113.5	90.0	130.0	

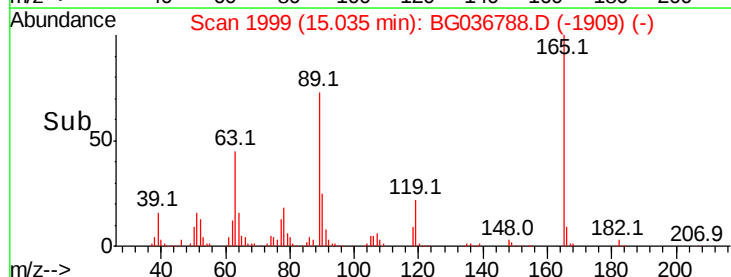
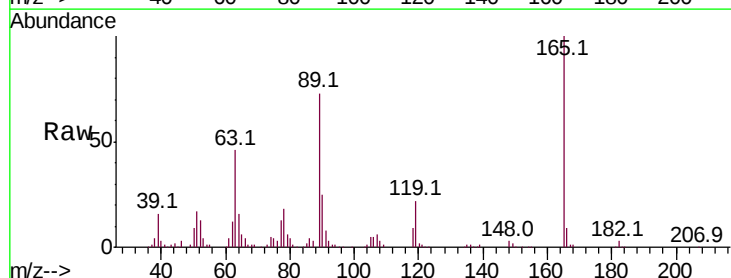
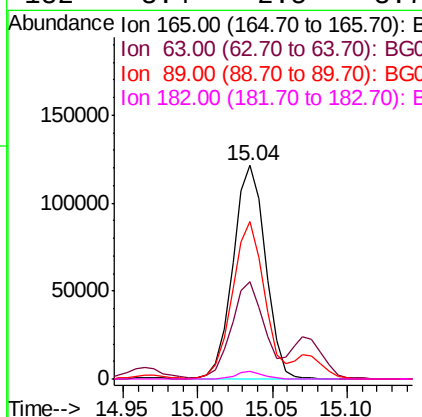
Manual Integrations
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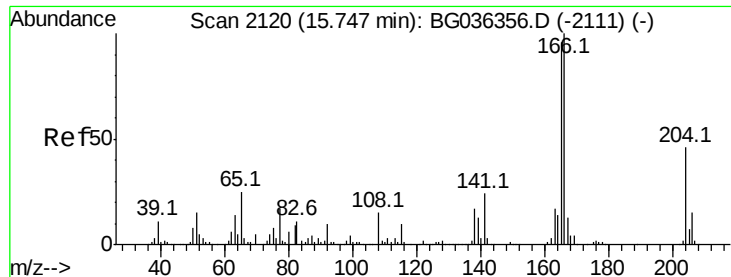
Sohil
9/19/2018 12:30:03 PM



#56
2,4-Dinitrotoluene
Concen: 55.973 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183795		
63	45.7	40.1	60.1	
89	73.5	63.7	95.5	
182	3.4	2.5	3.7	





#57

Fluorene

Concen: 51.078 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

ClientSampled :

COMP-IMS

Tot Ion:166 Resp: 568939

Ion Ratio Lower Upper

166 100

165 98.8 77.0 115.4

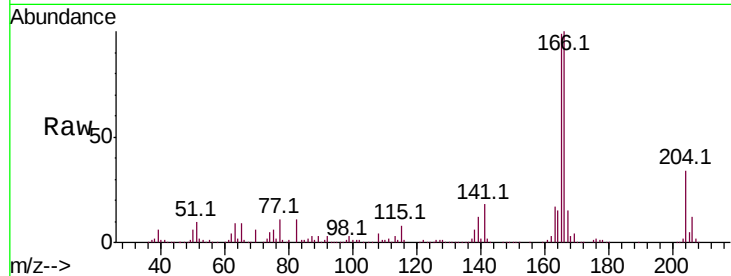
167 14.7 10.6 16.0

Manual Integrations

APPROVED

Sohil

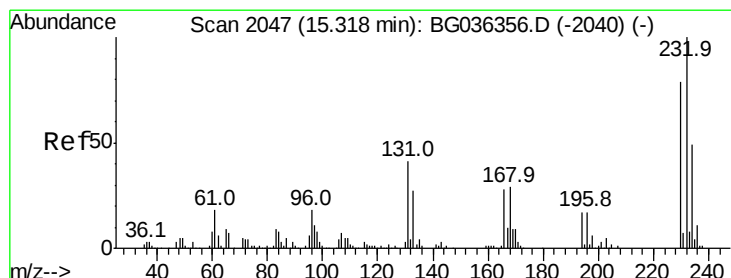
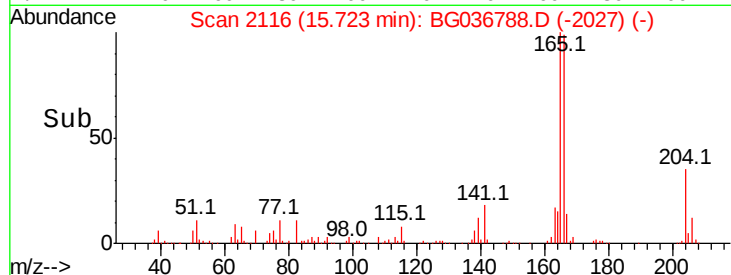
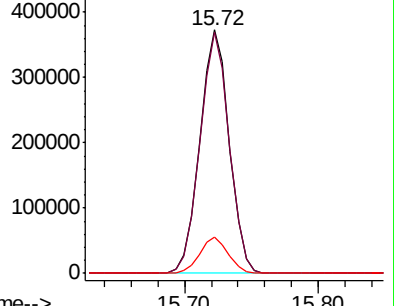
9/19/2018 12:30:03 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.657 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:232 Resp: 177048

Ion Ratio Lower Upper

232 100

131 38.1 33.8 50.8

130 2.4 2.1 3.1

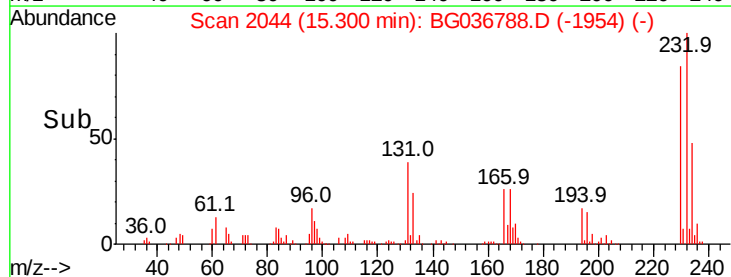
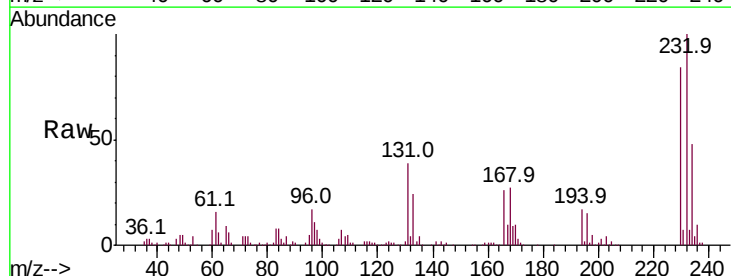
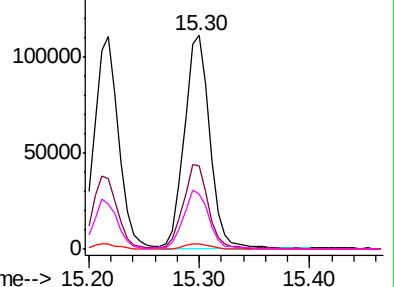
166 27.5 22.3 33.5

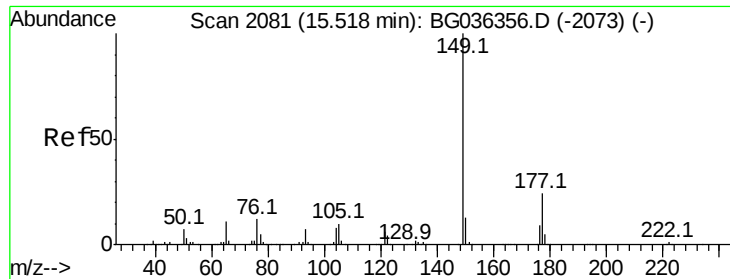
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





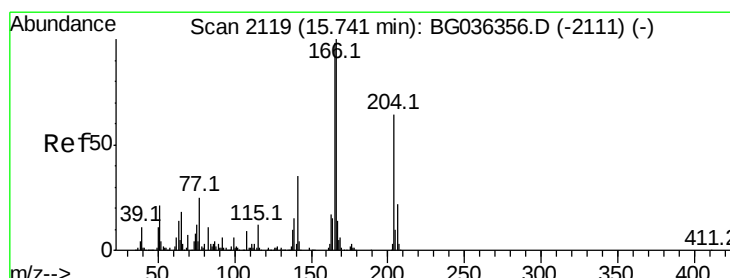
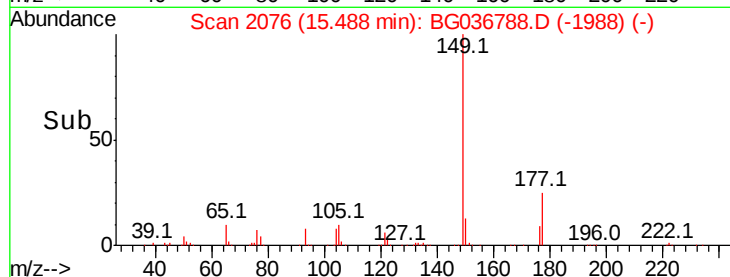
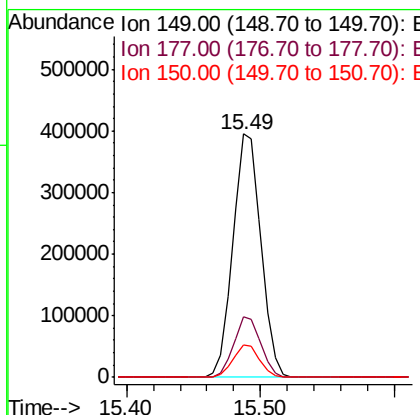
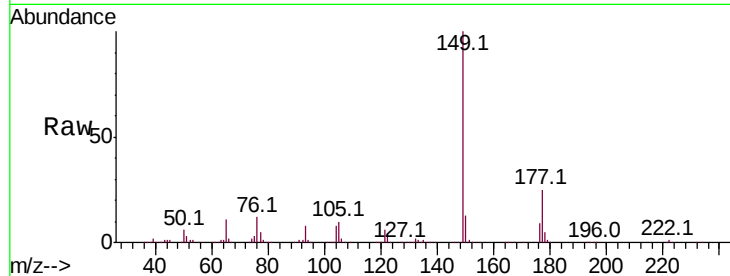
#59
Diethylphthalate
Concen: 46.737 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.1	28.7
150	13.3	10.7	16.1

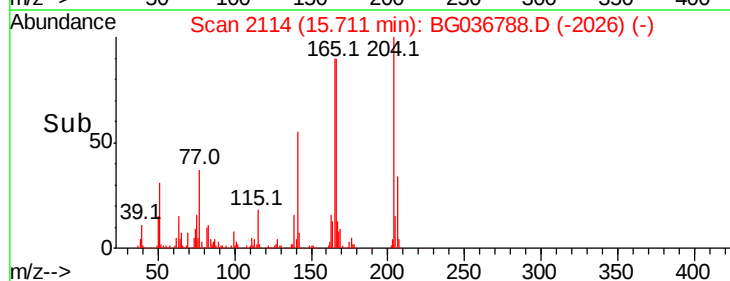
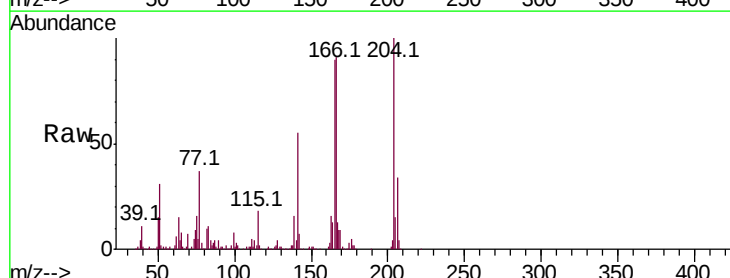
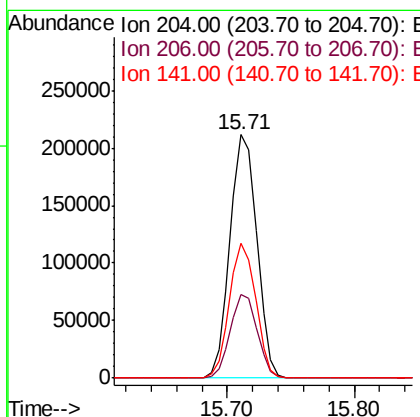
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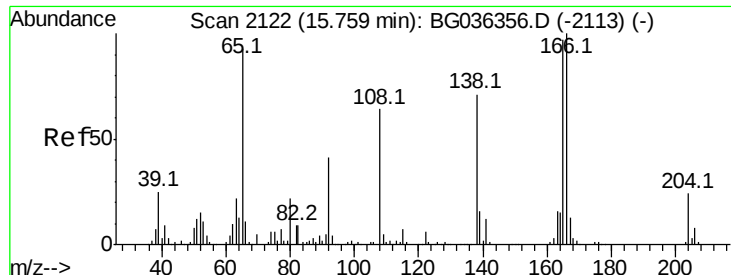
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#60
4-Chlorophenyl-phenylether
Concen: 45.064 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.0	40.4
141	55.2	43.8	65.6





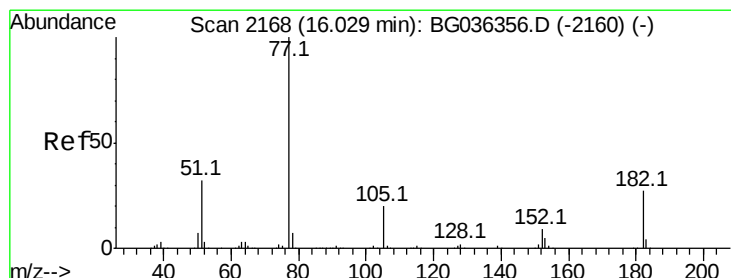
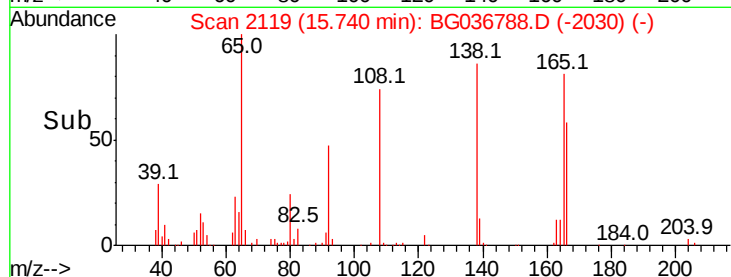
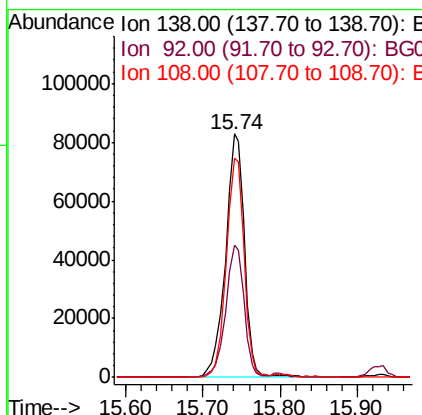
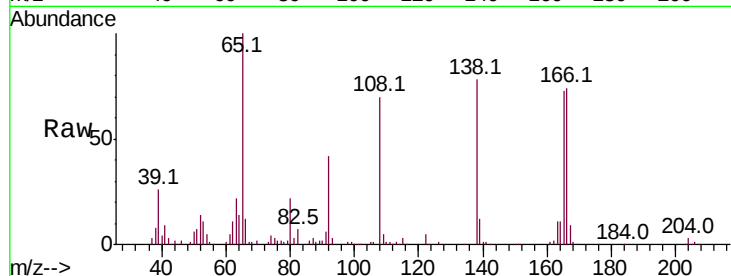
#61
4-Nitroaniline
Concen: 49.965 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion:138 Resp: 141955
Ion Ratio Lower Upper
138 100
92 54.1 38.5 78.5
108 90.3 70.3 110.3

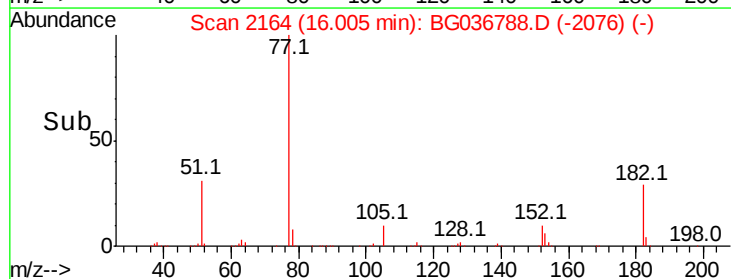
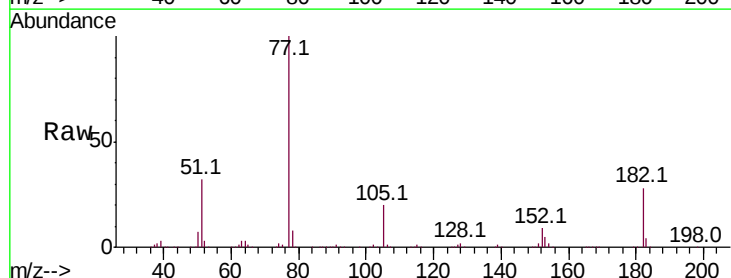
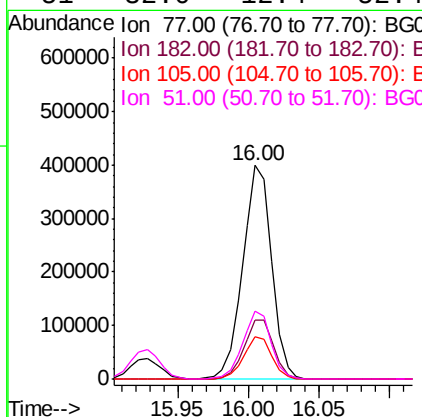
Manual Integrations
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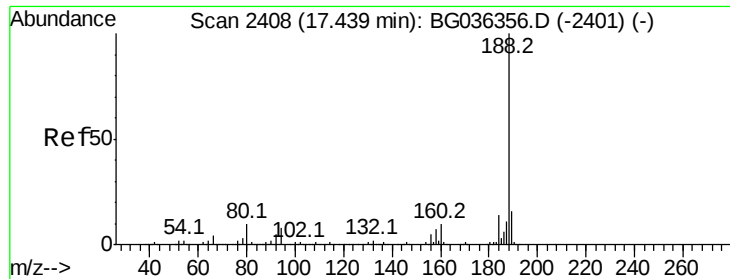
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#62
Azobenzene
Concen: 45.283 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion: 77 Resp: 568527
Ion Ratio Lower Upper
77 100
182 27.6 6.7 46.7
105 19.7 0.0 39.8
51 32.0 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

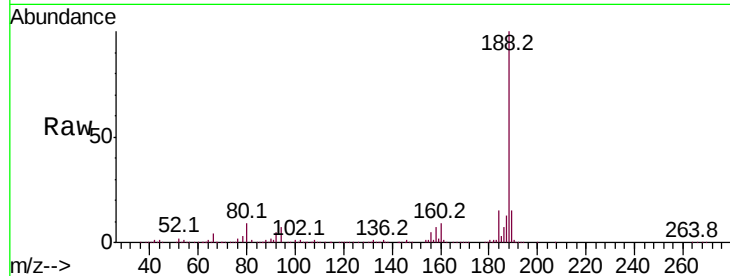
ClientSampleId :

COMP-IMS

Tot Ion:	188	Resp:	371813
Ion Ratio	Lower	Upper	
188	100		
94	7.3	6.7	10.1
80	9.1	8.1	12.1

Manual Integrations
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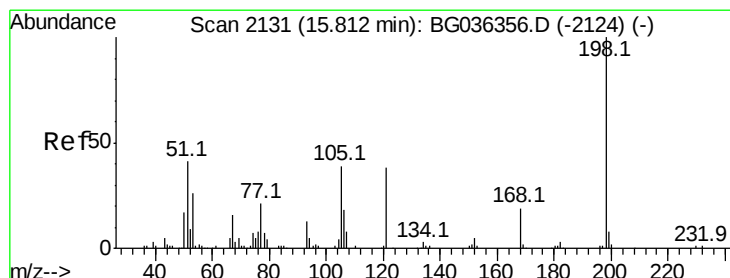
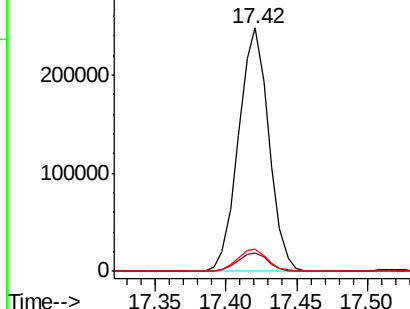
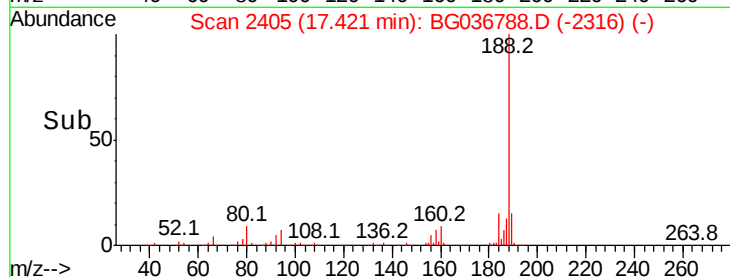
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 53.320 ng

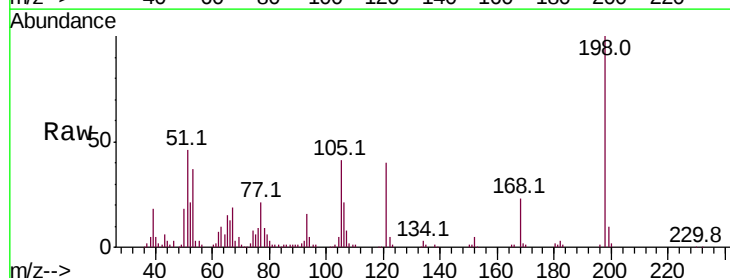
RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

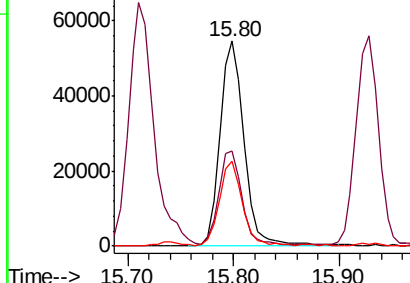
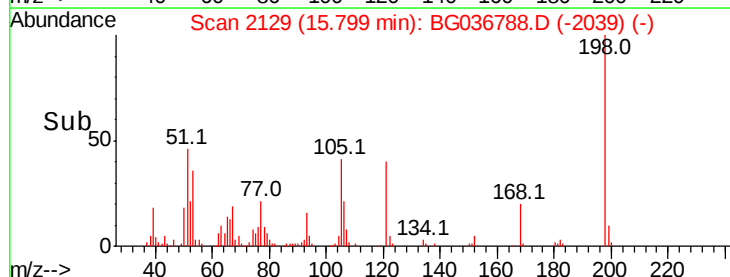
Tgt Ion:	198	Resp:	87088
Ion Ratio	Lower	Upper	
198	100		
51	46.3	26.5	66.5
105	41.3	20.2	60.2

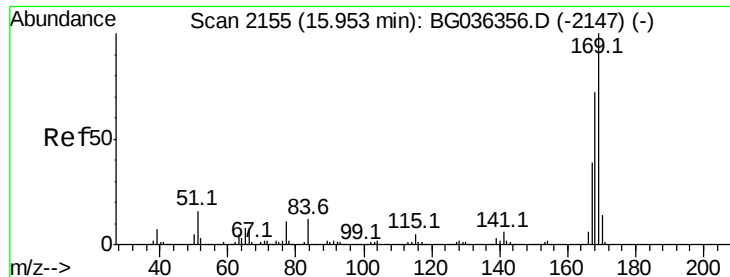


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





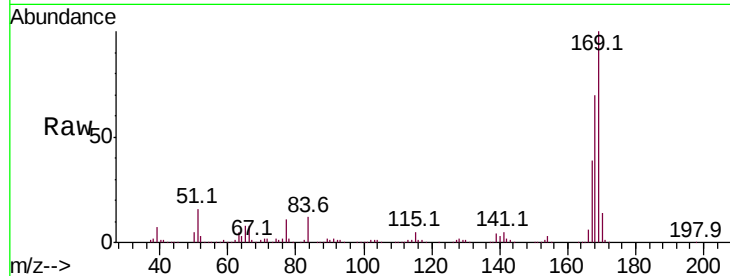
#65
n-Nitrosodiphenylamine
Concen: 46.078 ng
RT: 15.93 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.8	57.6	86.4	
167	38.5	31.0	46.4	

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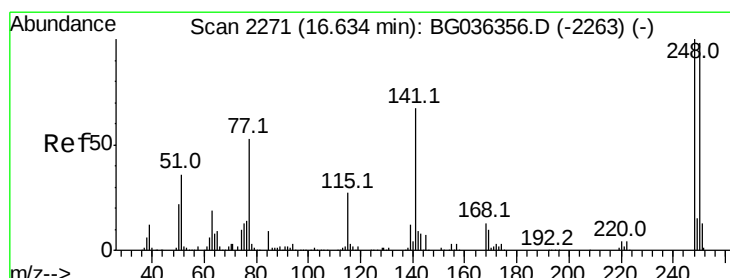
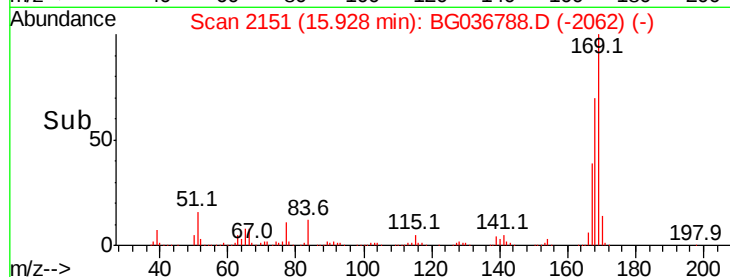
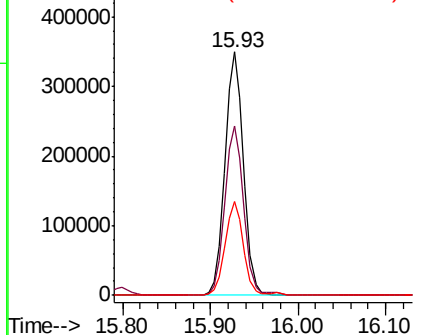


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 47.711 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

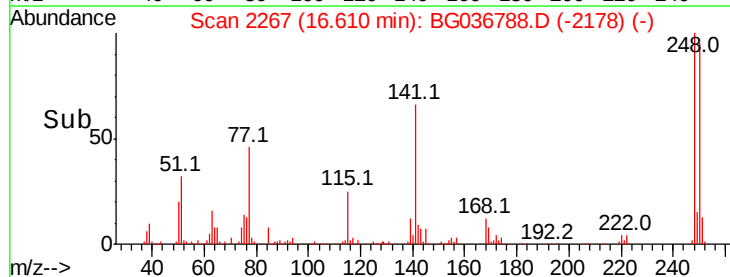
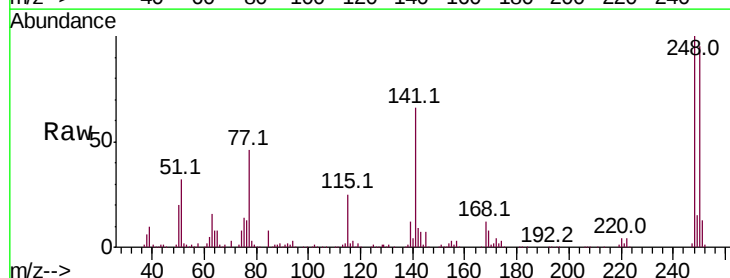
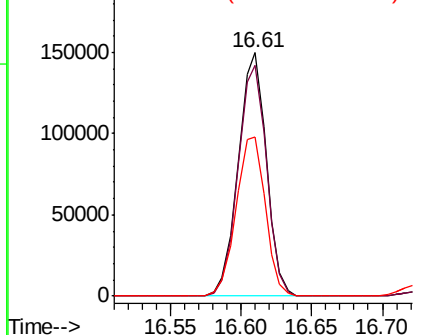
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.0	78.1	117.1	
141	65.6	53.7	80.5	

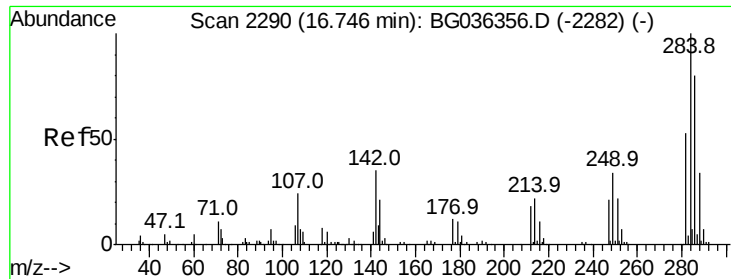
Abundance

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: 47.049 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

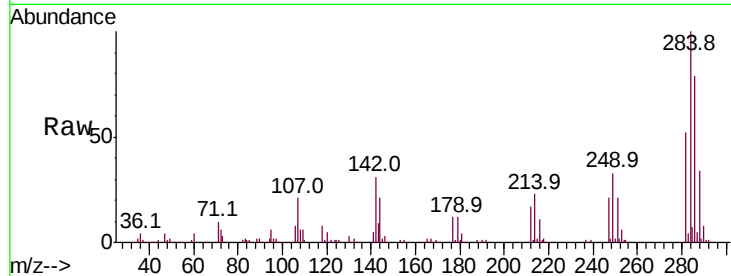
ClientSampleId :

COMP-IMS

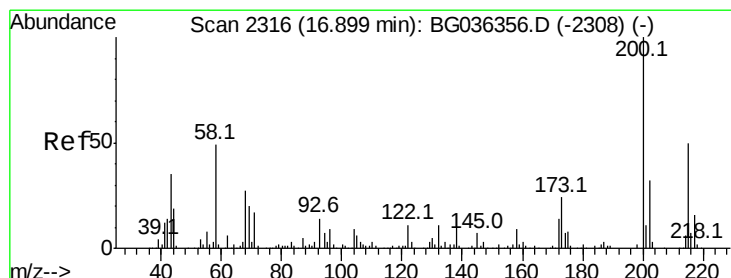
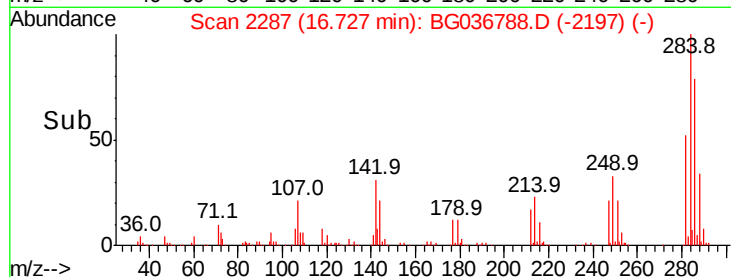
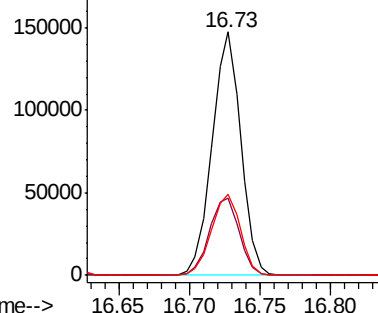
Tot Ion:	284	Resp:	209429
Ion Ratio		Lower	Upper
284	100		
142	31.5	27.8	41.6
249	33.3	27.4	41.2

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



#68

Atrazine

Concen: 53.312 ng

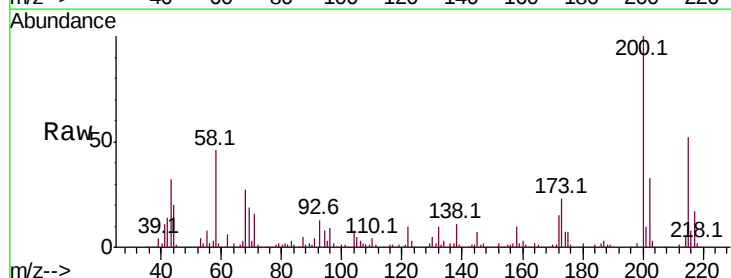
RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

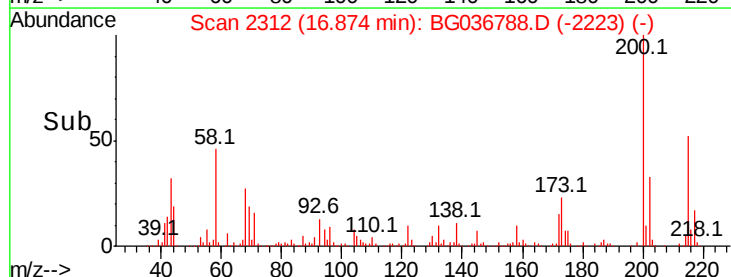
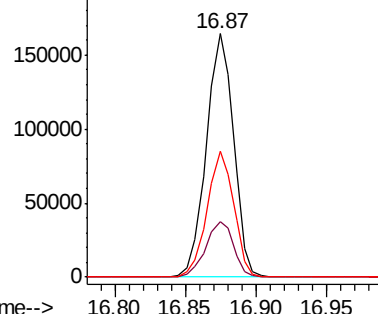
Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:	200	Resp:	221075
Ion Ratio		Lower	Upper
200	100		
173	22.6	3.9	43.9
215	51.8	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





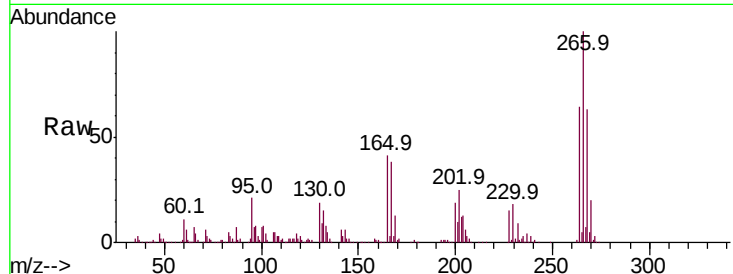
#69
 Pentachlorophenol
 Concen: 73.412 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

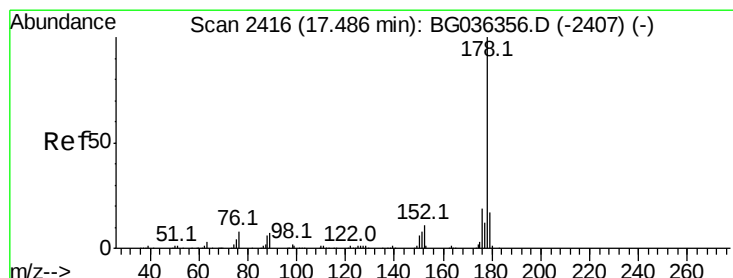
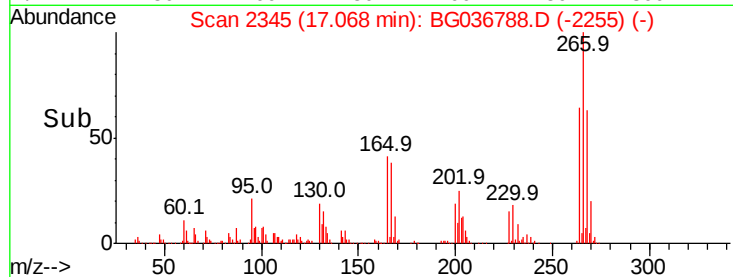
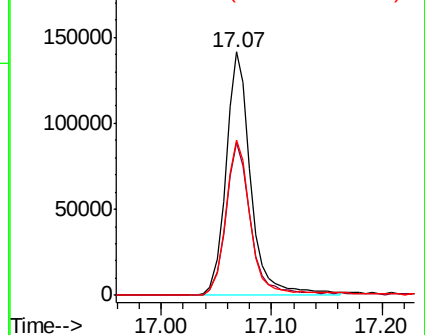
Tot Ion:	266	Resp:	222089
Ion Ratio	Lower	Upper	
266	100		
268	62.7	51.4	77.2
264	63.6	48.9	73.3

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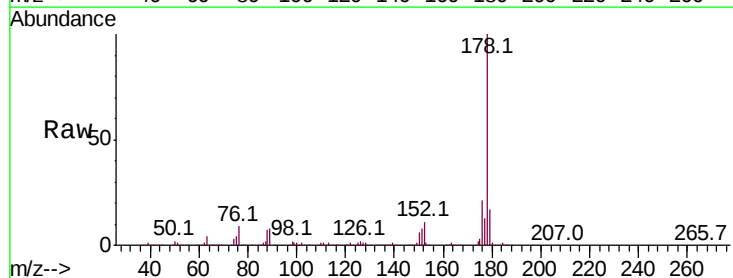


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

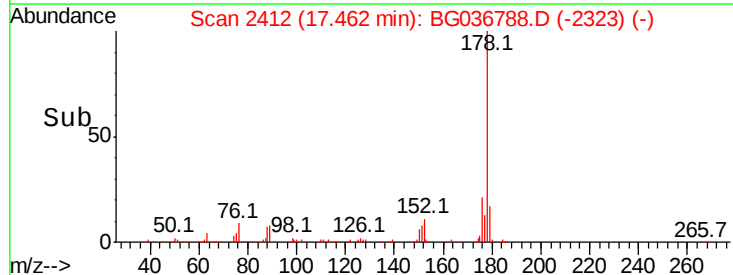
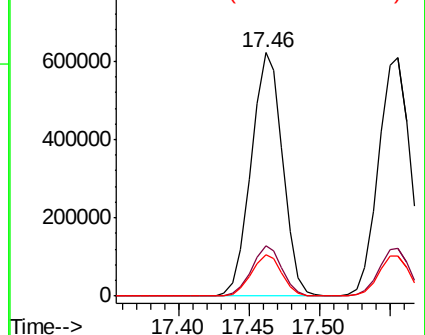


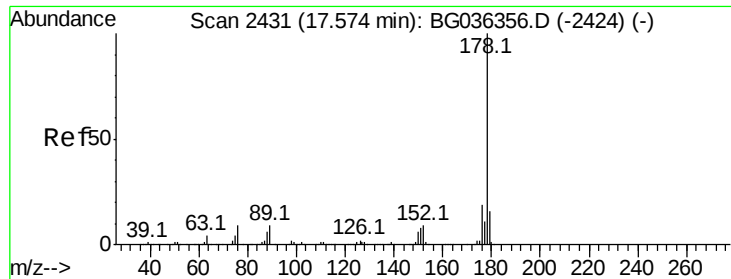
#70
 Phenanthrene
 Concen: 51.523 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion:	178	Resp:	973423
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.4	23.2
179	16.9	13.4	20.2



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





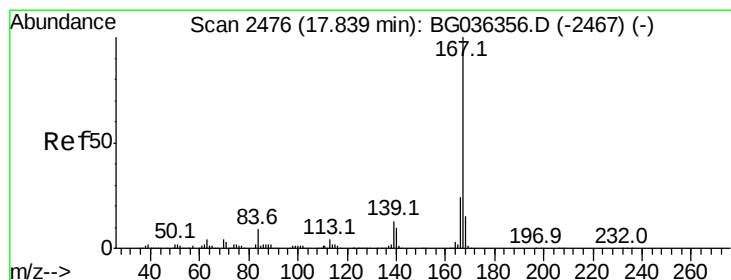
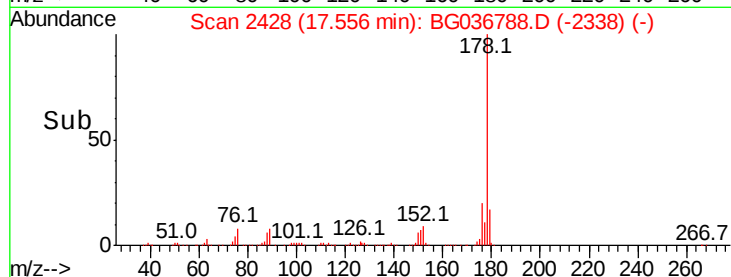
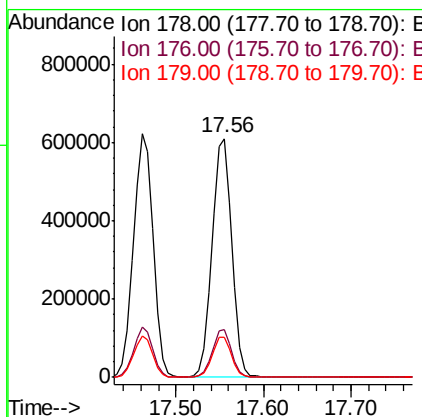
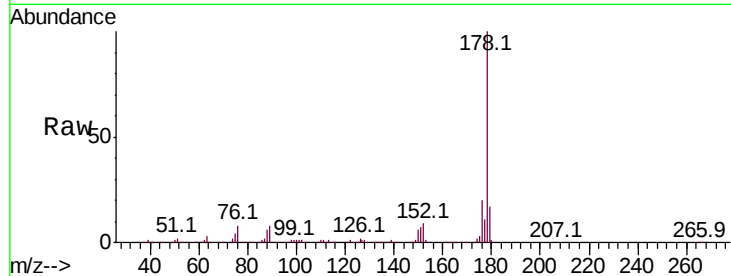
#71
 Anthracene
 Concen: 50.891 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.9	13.0	19.4

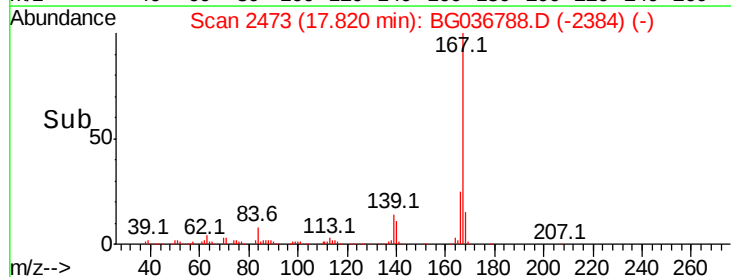
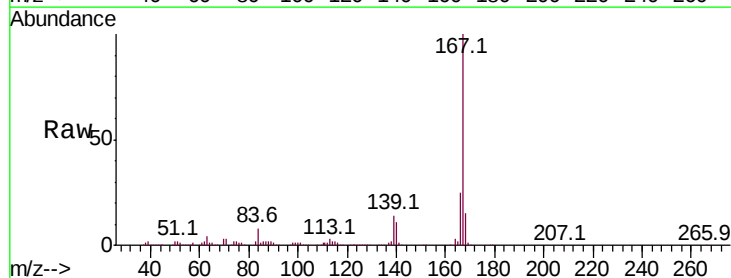
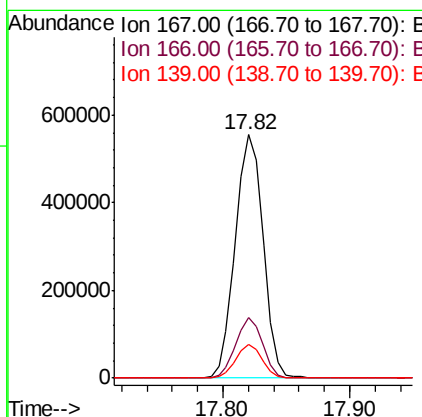
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#72
 Carbazole
 Concen: 44.928 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.5	29.3
139	13.9	10.7	16.1





#73

Di-n-butylphthalate

Concen: 46.660 ng

RT: 18.38 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

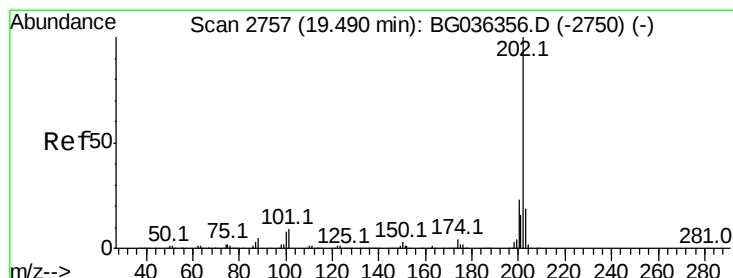
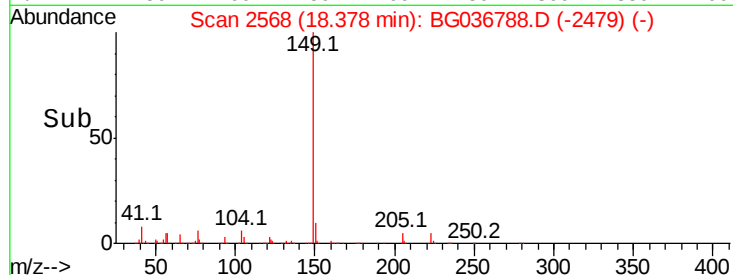
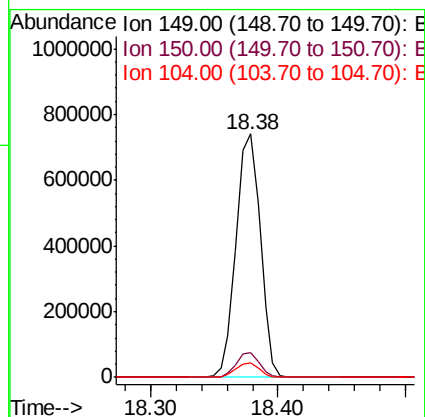
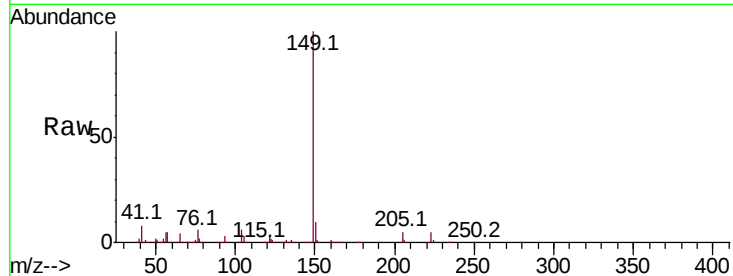
ClientSampled :

COMP-IMS

Tot Ion:	149	Resp:	977256
Ion Ratio	Lower	Upper	
149	100		
150	10.2	8.1	12.1
104	6.2	4.6	6.8

Manual Integrations
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#74

Fluoranthene

Concen: 49.964 ng

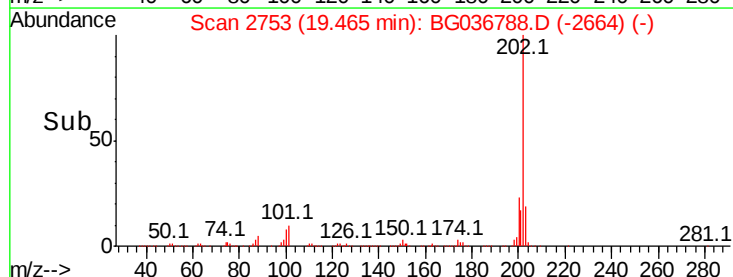
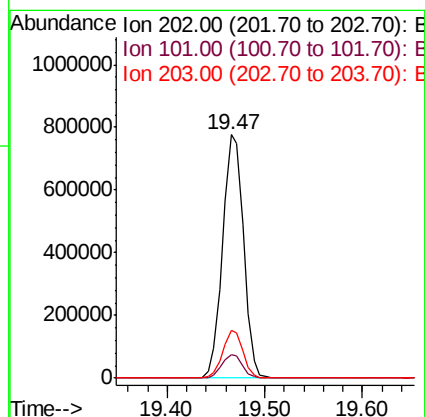
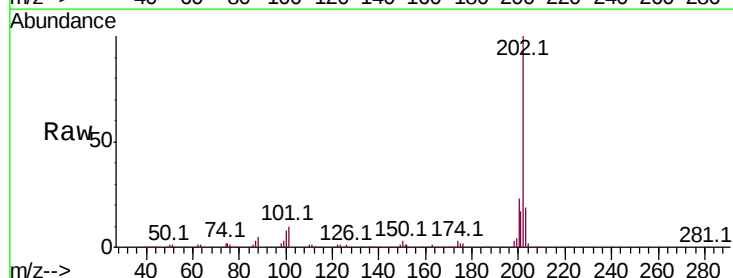
RT: 19.47 min Scan# 2753

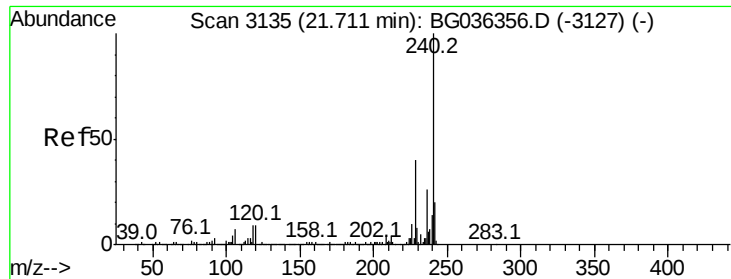
Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:	202	Resp:	1150892
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	19.5	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

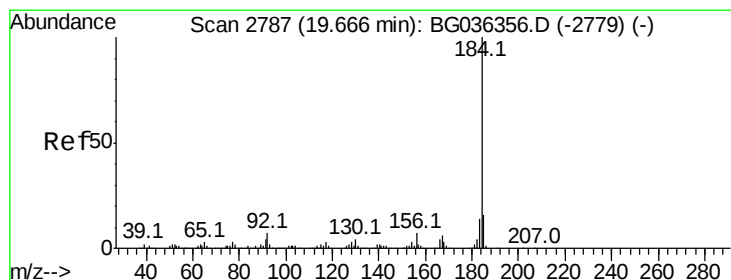
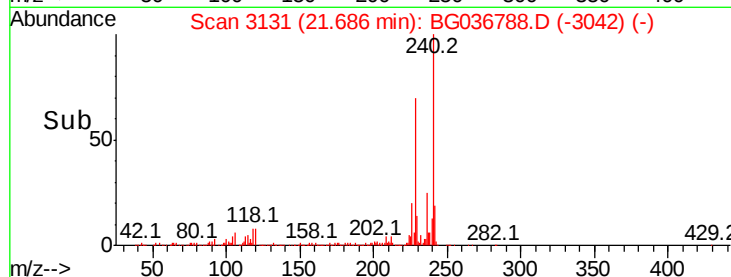
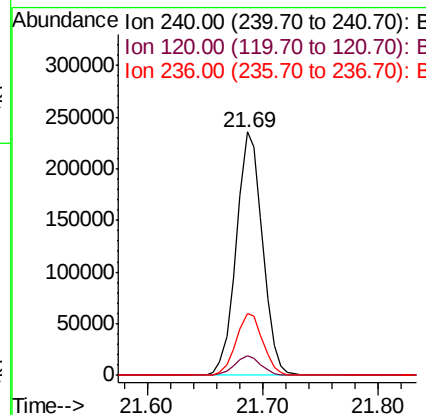
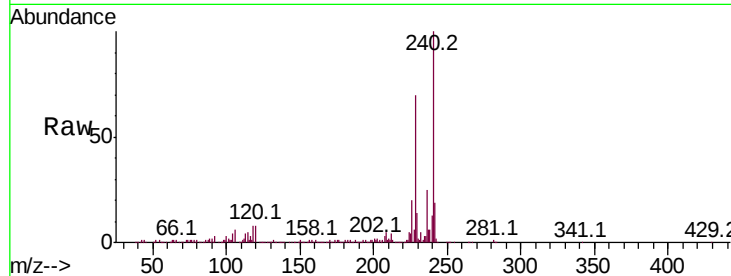
ClientSampleId :

COMP-IMS

Tot Ion:	240	Resp:	369874
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.9	10.3
236	25.5	21.2	31.8

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Sohil
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#76

Benzidine

Concen: 28.701 ng

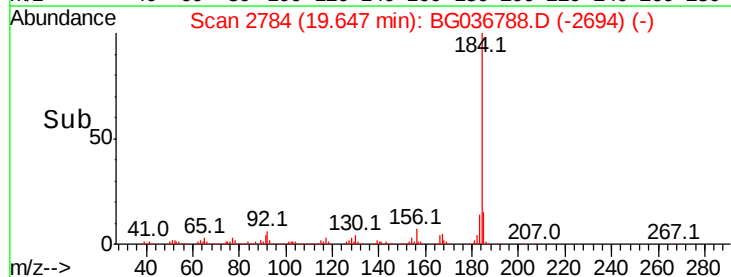
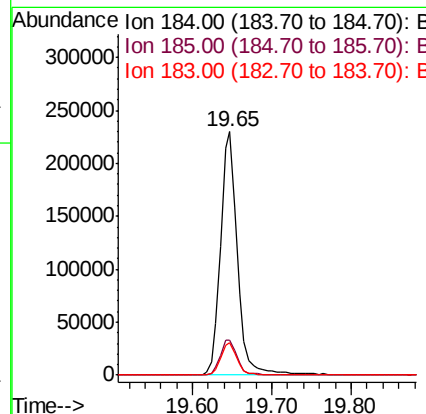
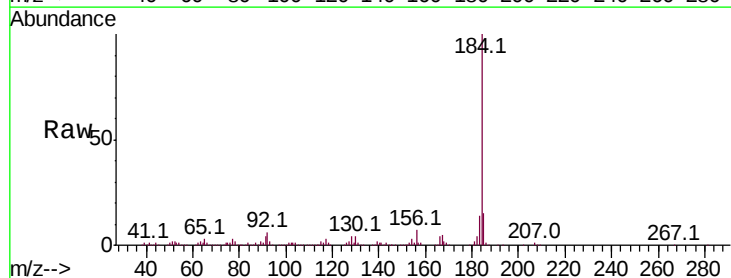
RT: 19.65 min Scan# 2784

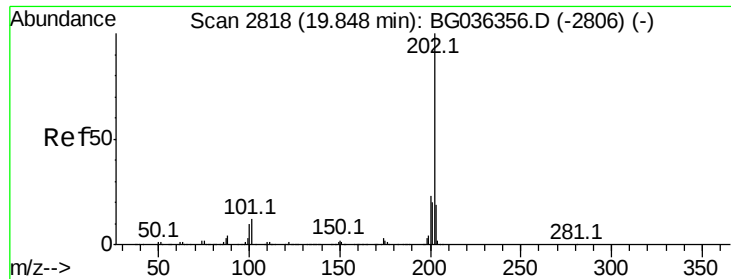
Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tgt Ion:	184	Resp:	338689
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	13.6	10.9	16.3





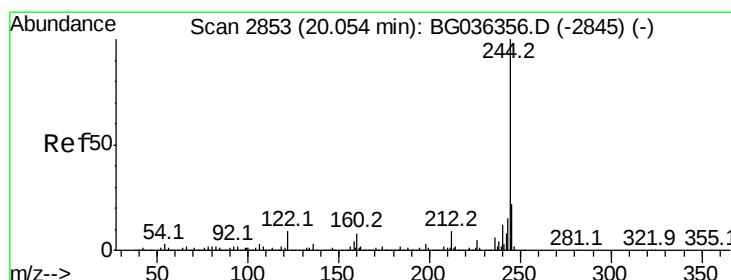
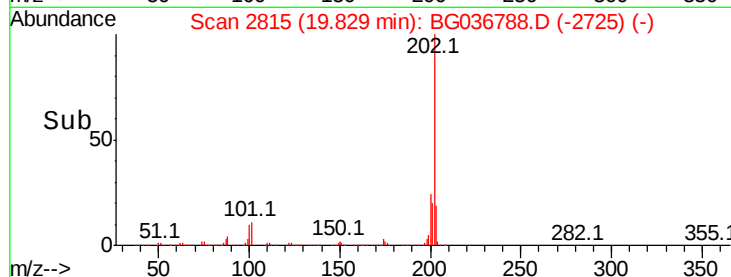
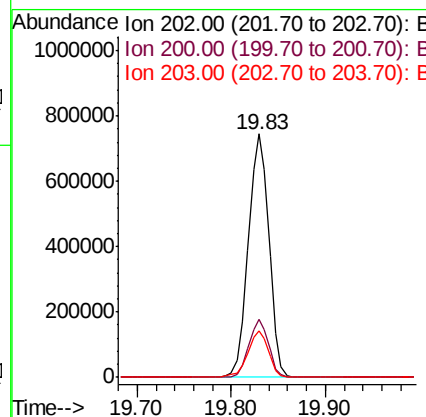
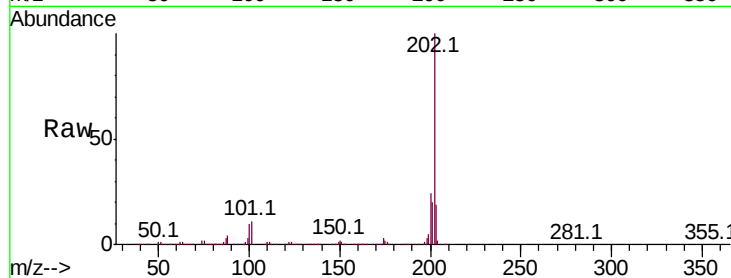
#77
Pvrene
Concen: 49.690 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.7	18.3	27.5
203	19.3	15.1	22.7

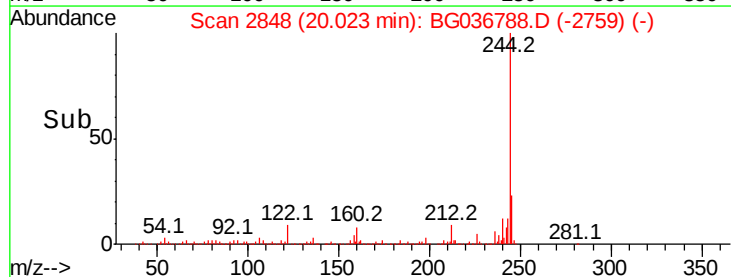
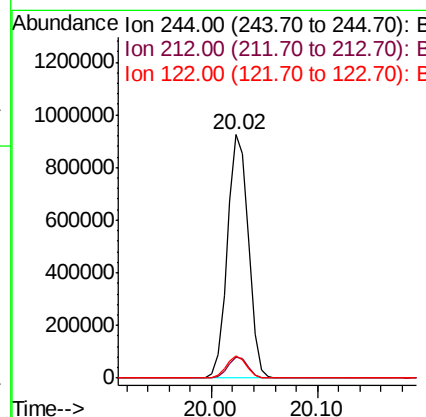
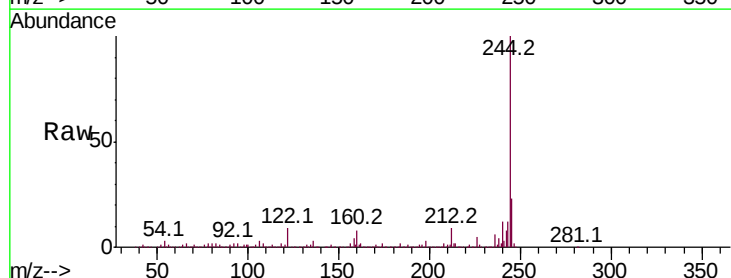
Manual Integrations
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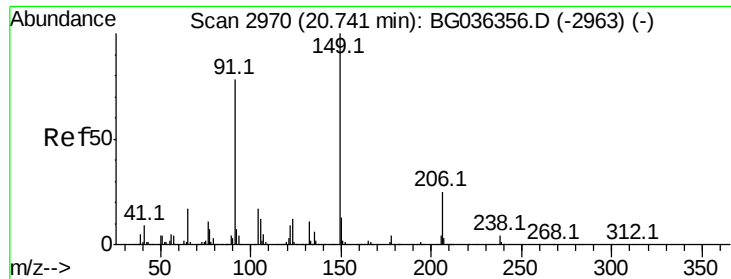
Sohil
9/19/2018 12:30:03 PM



#78
Terphenyl-d14
Concen: 80.399 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.1	7.1	10.7





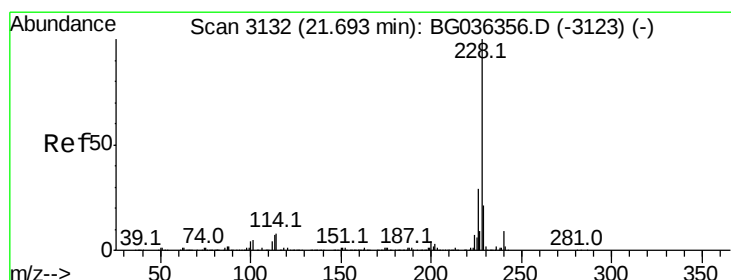
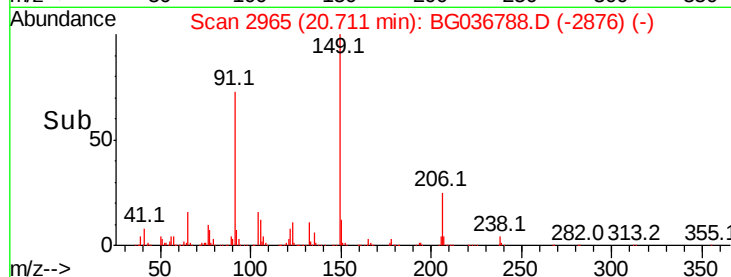
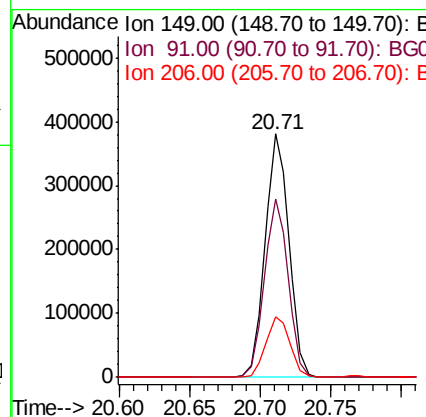
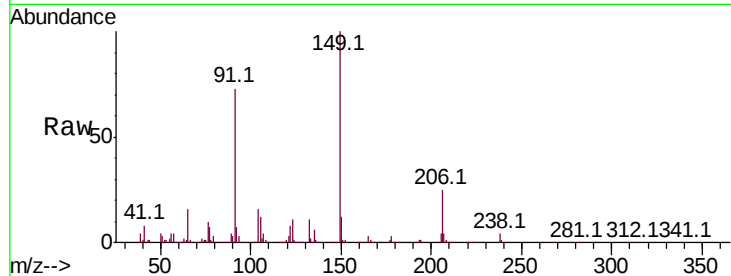
#79
Butylbenzylphthalate
Concen: 50.156 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampled :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.2	62.0	93.0
206	24.8	19.6	29.4

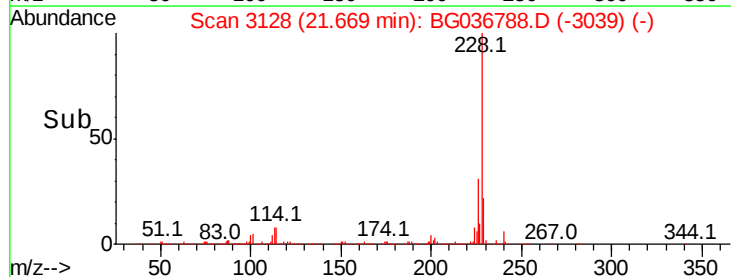
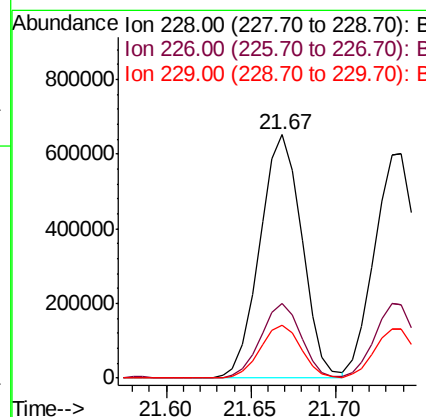
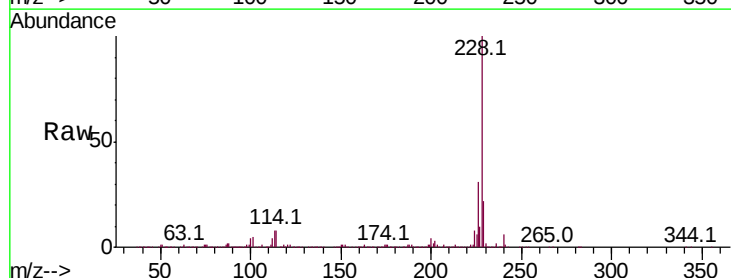
Manual Integrations
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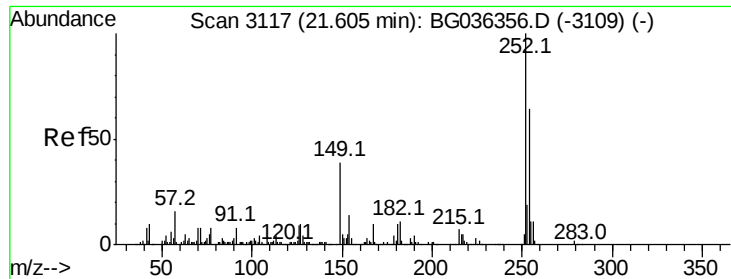
Sohil
9/19/2018 12:30:03 PM



#80
Benzo(a)anthracene
Concen: 50.166 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	21.9	17.1	25.7





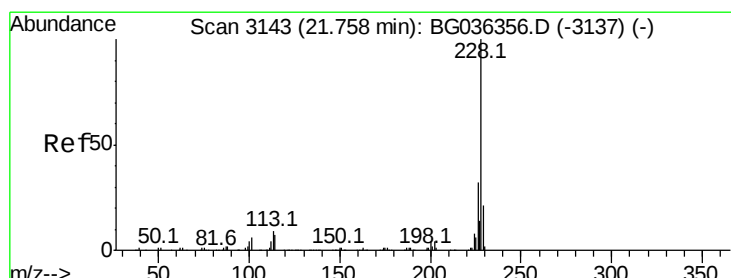
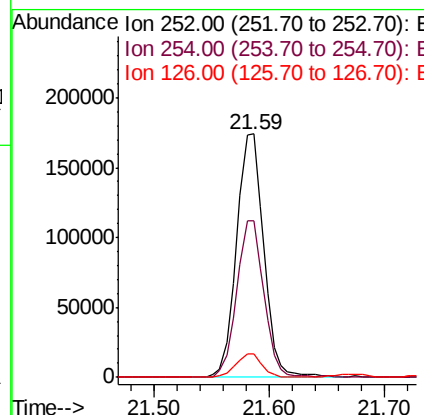
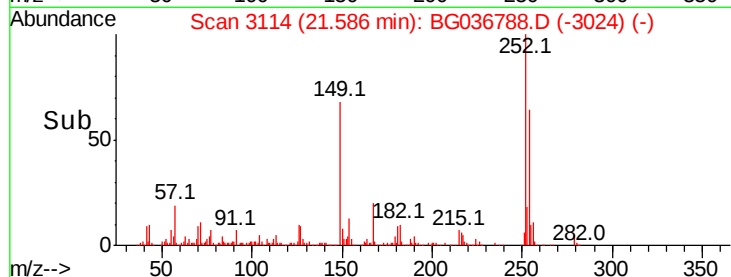
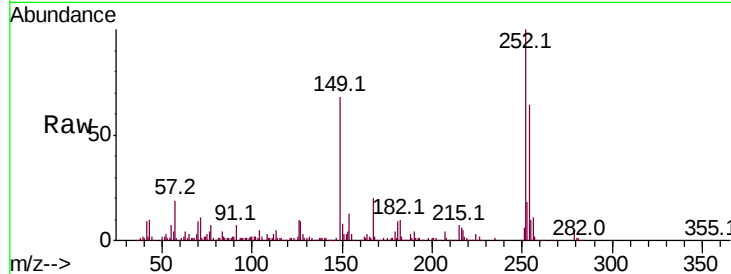
#81
 3,3'-Dichlorobenzidine
 Concen: 31.816 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	284125		
254	64.1	51.0	76.4	
126	9.5	7.4	11.0	

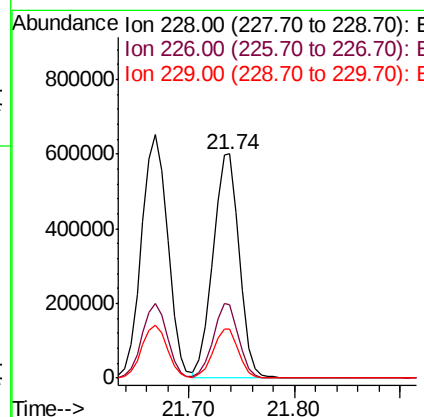
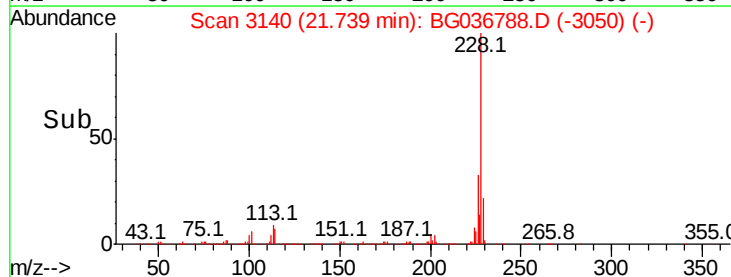
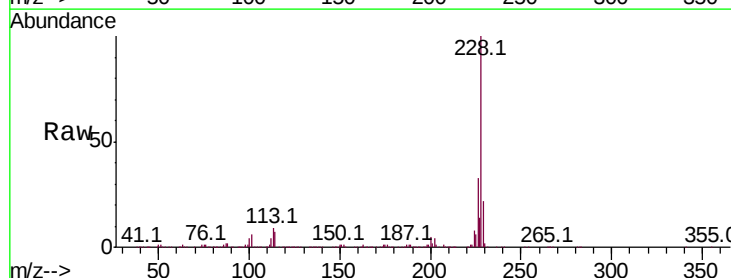
Manual Integrations
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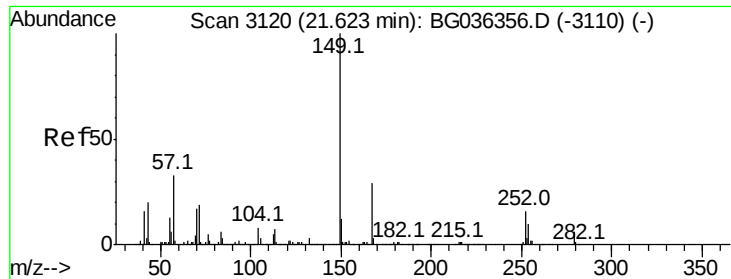
Sohil
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#82
 Chrysene
 Concen: 49.091 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1042655		
226	32.8	25.5	38.3	
229	22.0	16.9	25.3	





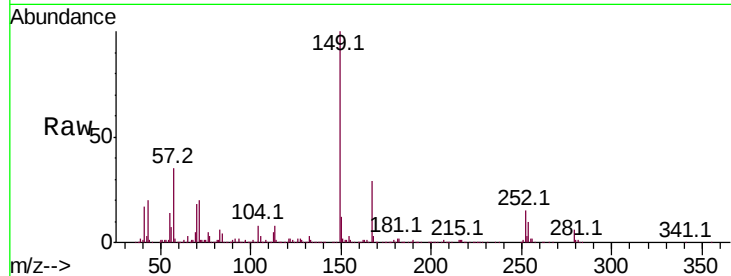
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.212 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	610693		
167	29.4	23.4	35.0	
279	5.7	4.6	7.0	

Manual Integrations
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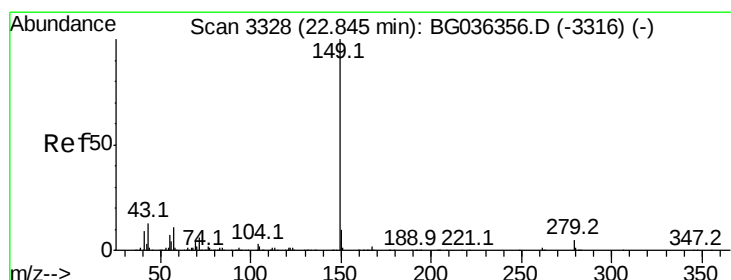
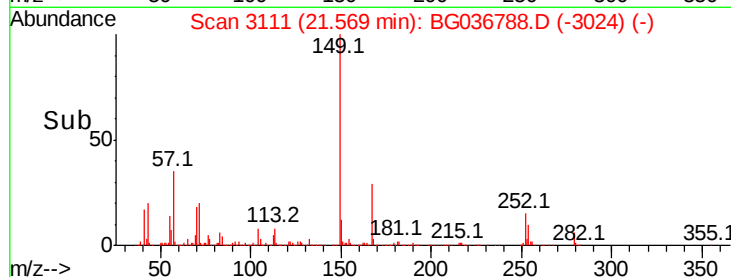
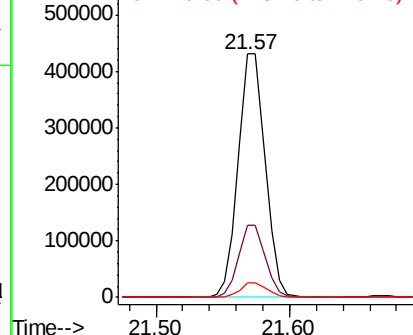


Abundance

Ion 149.00 (148.70 to 149.70): E

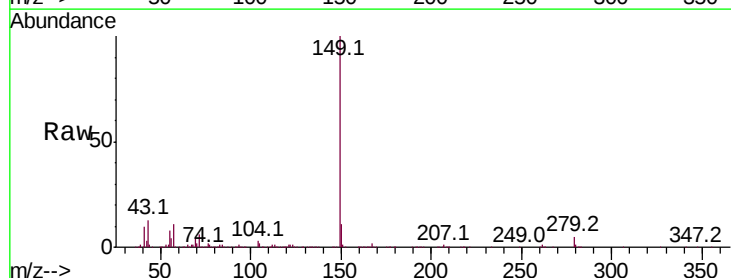
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 48.767 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036788.D
 Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1031791		
167	1.7	1.3	1.9	
43	11.8	10.0	15.0	

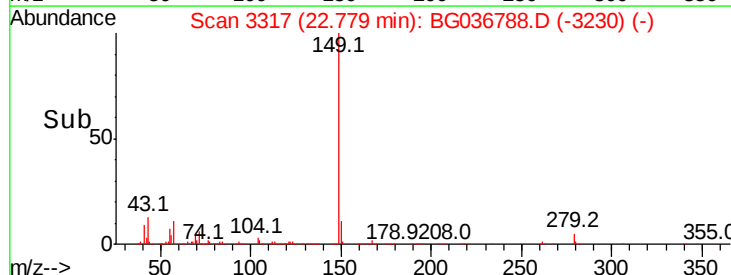
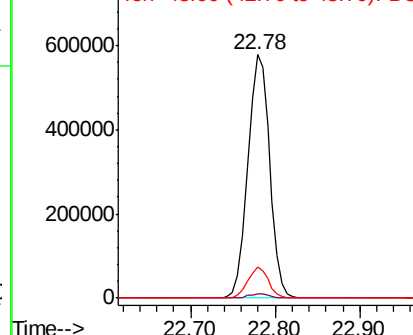


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





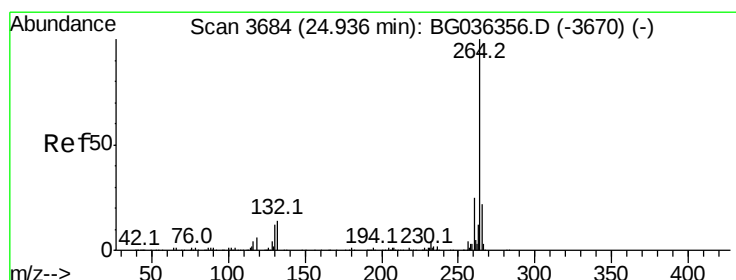
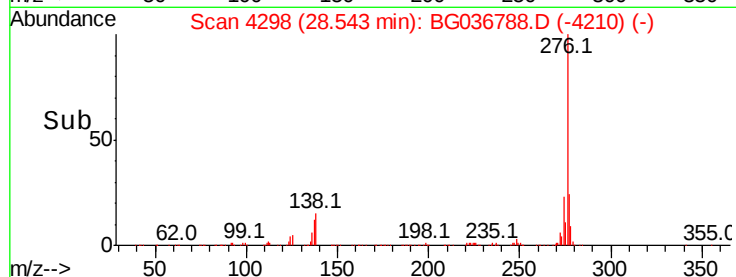
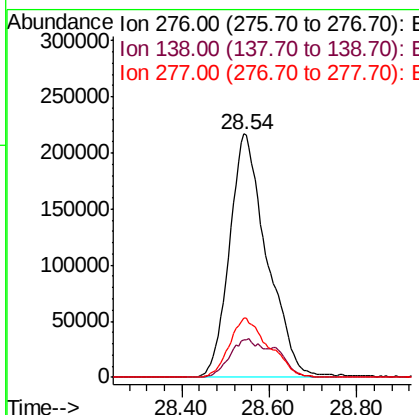
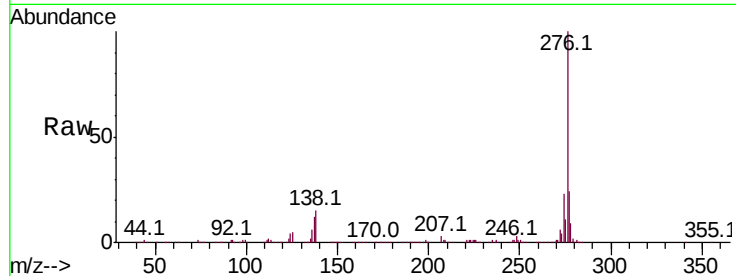
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.149 ng
RT: 28.54 min Scan# 4298
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	10.6	15.8
277	25.6	20.6	30.8

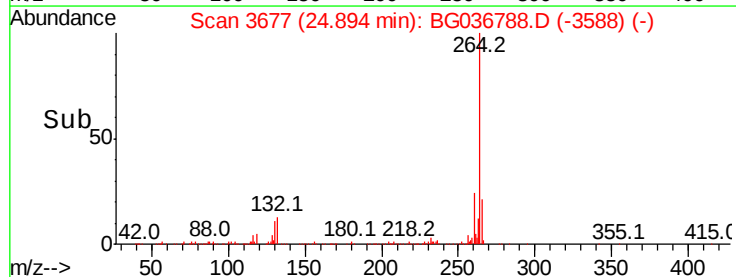
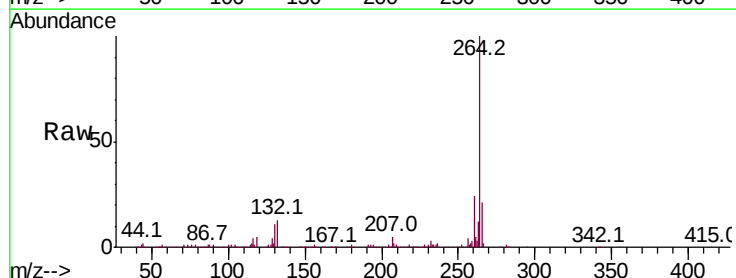
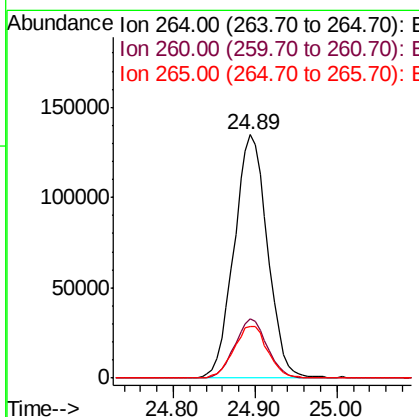
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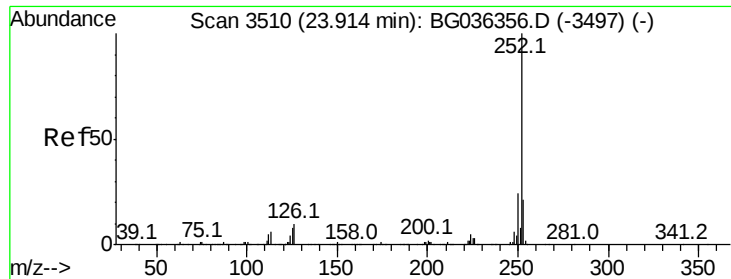
Sohil
9/19/2018 12:30:03 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036788.D
Acq: 18 Sep 2018 16:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 52.532 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

Tot Ion:252 Resp: 1118010

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

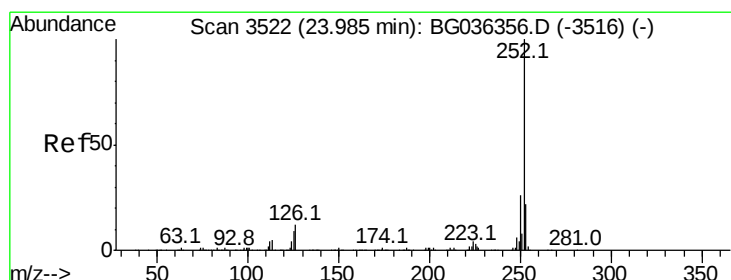
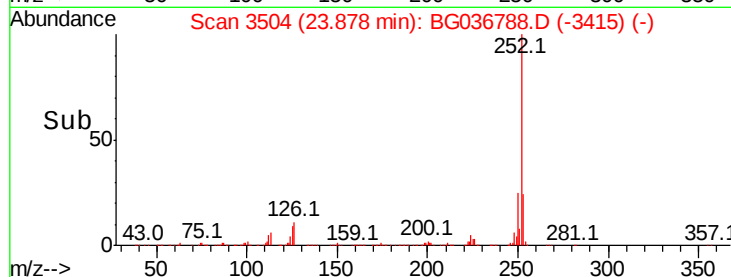
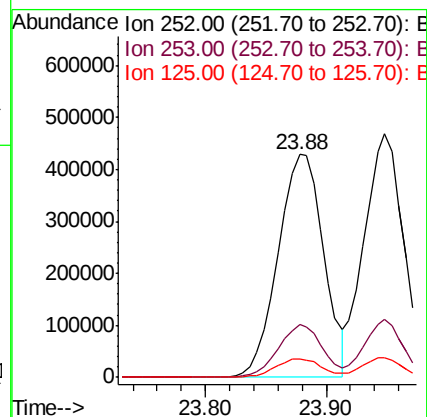
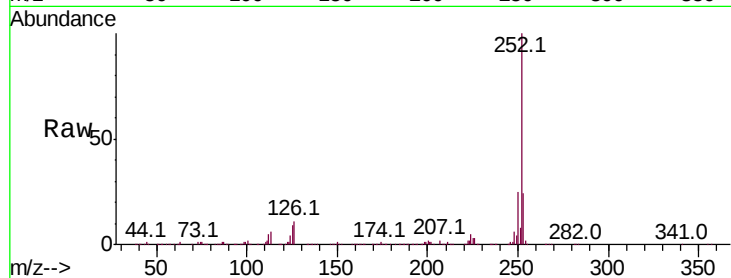
125 8.5 6.6 10.0

Manual Integrations

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Sohil

9/19/2018 12:30:03 PM



#88

Benzo(k)fluoranthene

Concen: 51.321 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

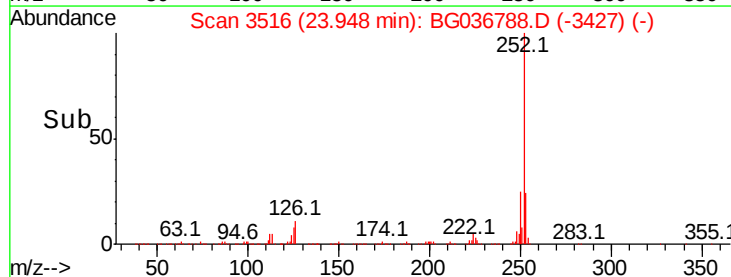
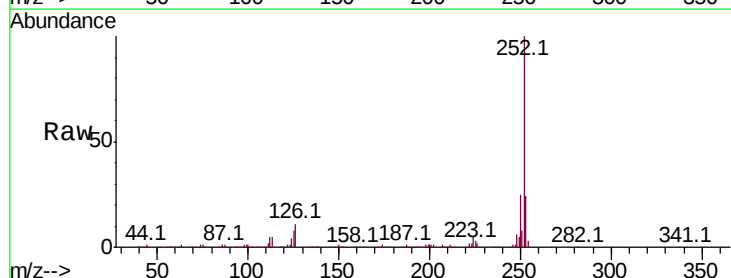
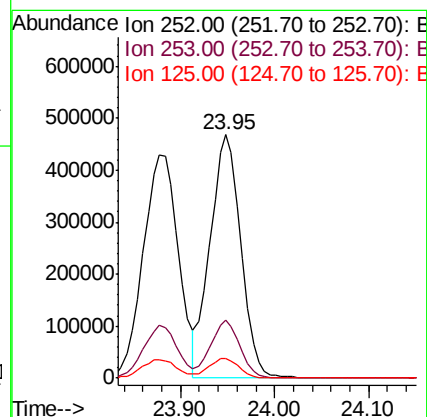
Tgt Ion:252 Resp: 1067071

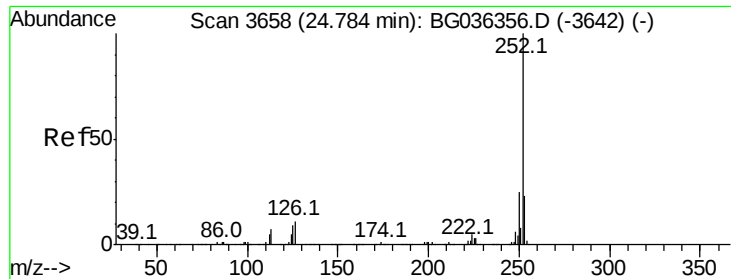
Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

125 8.1 7.0 10.6





#89

Benzo(a)pyrene

Concen: 52.840 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Instrument :

BNA_G

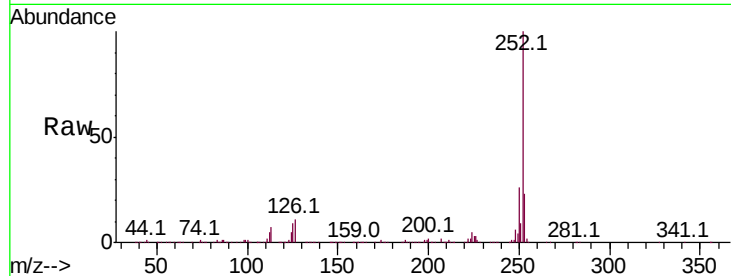
ClientSampled :

COMP-IMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.9	7.3	10.9

Manual Integrations
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9/19/2018 12:30:03 PM

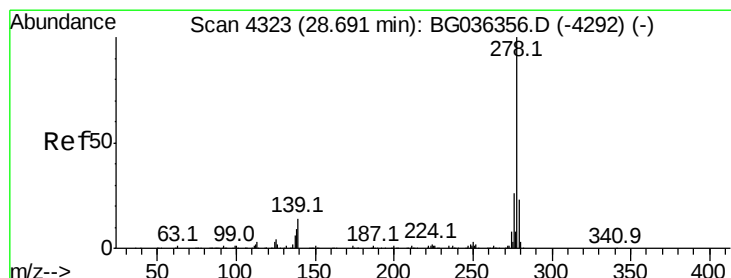
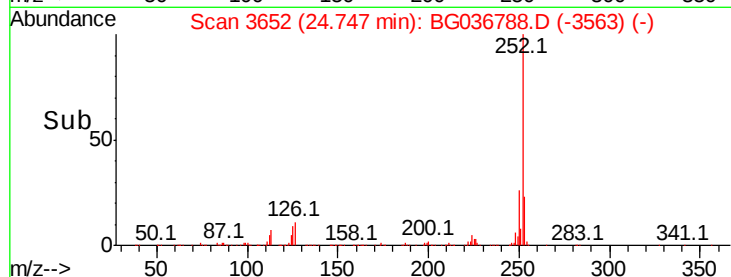
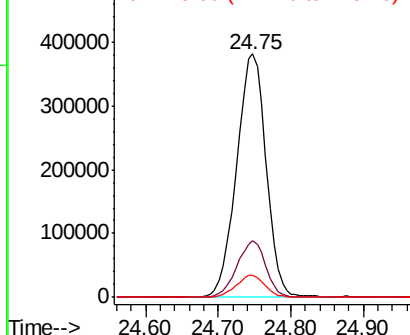


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.090 ng

RT: 28.62 min Scan# 4311

Delta R.T. -0.01 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

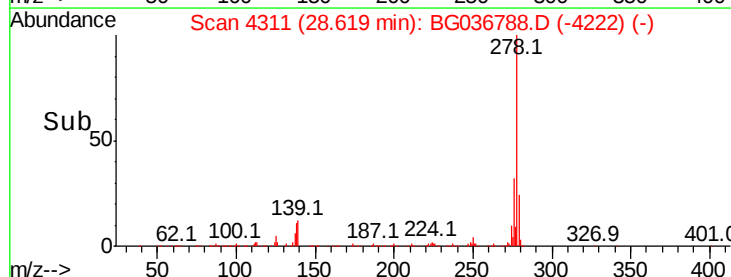
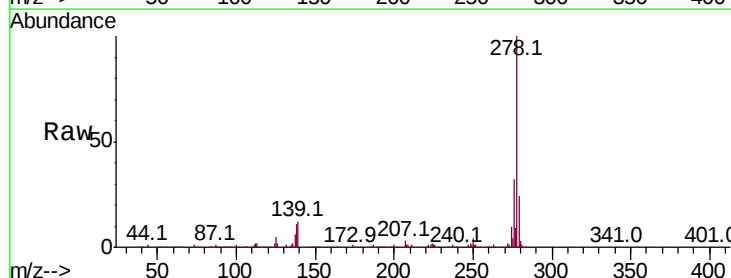
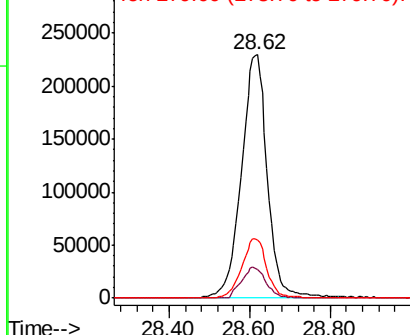
Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	11.0	16.4
279	23.8	18.7	28.1

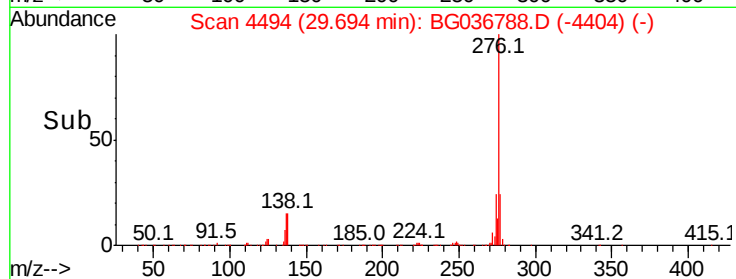
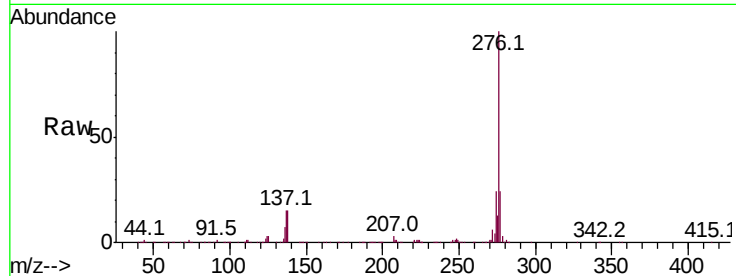
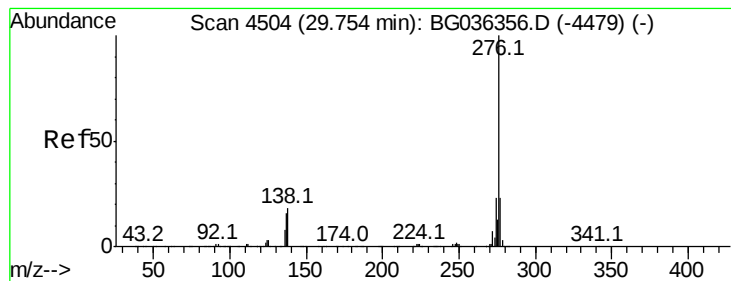
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.268 ng

RT: 29.69 min Scan# 4494

Delta R.T. -0.00 min

Lab File: BG036788.D

Acq: 18 Sep 2018 16:32

Tot Ion: 276 Resp: 1037028

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 15.5 14.6 22.0

Instrument :

BNA_G

ClientSampleId :

COMP-1MS

Manual Integrations

APPROVED

Sohil

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