

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036732.D
 Acq On : 15 Sep 2018 9:05
 Operator : JU/SJ
 Sample : J4771-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Manual Integrations
 APPROVED

Sohil
 9/17/2018 2:36:17 PM

Quant Time: Sep 17 04:09:28 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	58464	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	241161	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	165070	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	423758	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405748	20.00	ng	-0.01
86) Perylene-d12	24.89	264	424175	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	389750	105.75	ng	0.00
7) Phenol-d6	7.21	99	516238	97.83	ng	0.00
23) Nitrobenzene-d5	9.21	82	370909	83.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	281373	142.85	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	827701	71.59	ng	-0.01
78) Terphenyl-d14	20.02	244	1469025	84.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	55813	32.449	ng	# 95
3) Pyridine	3.94	79	118016	24.444	ng	97
4) n-Nitrosodimethylamine	3.84	42	85671	39.840	ng	98
6) Aniline	7.38	93	98035	14.637	ng	97
8) 2-Chlorophenol	7.62	128	173354	43.373	ng	97
9) Benzaldehyde	7.19	77	38293	10.538	ng	94
10) Phenol	7.24	94	212356	38.456	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	173555	39.644	ng	99
12) 1,3-Dichlorobenzene	7.94	146	179716	39.379	ng	99
13) 1,4-Dichlorobenzene	8.09	146	181678	39.429	ng	98
14) 1,2-Dichlorobenzene	8.41	146	175288	39.834	ng	96
15) Benzyl Alcohol	8.29	79	177319	41.684	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	327185	37.059	ng	98
17) 2-Methylphenol	8.49	107	158909	43.338	ng	99
18) Hexachloroethane	9.13	117	66016	39.961	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	154201	39.101	ng	95
20) 3+4-Methylphenols	8.82	107	224955	43.943	ng	99
22) Acetophenone	8.87	105	279157	44.081	ng	# 99
24) Nitrobenzene	9.26	77	233450	48.707	ng	95
25) Isophorone	9.77	82	434787	49.241	ng	96
26) 2-Nitrophenol	9.96	139	100792	53.068	ng	99
27) 2,4-Dimethylphenol	10.02	122	179661	51.093	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	247700	45.709	ng	99
29) 2,4-Dichlorophenol	10.50	162	195975	50.853	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	193931	43.017	ng	100
31) Naphthalene	10.91	128	562498	46.659	ng	99
32) Benzoic acid	10.16	122	103793	40.577	ng	95
33) 4-Chloroaniline	11.01	127	24096	4.362	ng	96
34) Hexachlorobutadiene	11.19	225	131060	43.269	ng	97
35) Caprolactam	11.79	113	58547m	38.137	ng	
36) 4-Chloro-3-methylphenol	12.13	107	226280	50.533	ng	99
37) 2-Methylnaphthalene	12.51	142	443315	50.257	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	255214	43.689	ng	99
40) Hexachlorocyclopentadiene	12.85	237	302448	99.509	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	177513	49.885	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	191137	50.359	nq	99
45) 1,1'-Biphenyl	13.51	154	577150	42.121	nq	99
46) 2-Chloronaphthalene	13.55	162	447467	42.777	nq	99
47) 2-Nitroaniline	13.75	65	155415	47.314	nq	95
48) Acenaphthylene	14.40	152	769354	47.061	nq	99
49) Dimethylphthalate	14.13	163	637504	47.296	nq	99
50) 2,6-Dinitrotoluene	14.25	165	141184	50.903	nq	98
51) Acenaphthene	14.74	154	459157	43.855	nq	100
52) 3-Nitroaniline	14.58	138	52891	17.696	nq	98
53) 2,4-Dinitrophenol	14.78	184	102953	97.997	nq	97
54) Dibenzofuran	15.07	168	732852	44.678	nq	99
55) 4-Nitrophenol	14.88	139	208950	85.502	nq	98
56) 2,4-Dinitrotoluene	15.03	165	199188	55.103	nq	93
57) Fluorene	15.72	166	597195	48.702	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	195025	54.690	nq	97
59) Diethylphthalate	15.49	149	622973	45.861	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	342948	45.293	nq	99
61) 4-Nitroaniline	15.74	138	128996	41.243	nq	92
62) Azobenzene	16.01	77	607638	43.964	nq	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	101429	54.488	nq	93
65) n-Nitrosodiphenylamine	15.93	169	553702	43.975	nq	99
66) 4-Bromophenyl-phenylether	16.61	248	229429	46.243	nq	98
67) Hexachlorobenzene	16.73	284	232931	45.915	nq	98
68) Atrazine	16.87	200	211156	44.678	nq	98
69) Pentachlorophenol	17.07	266	278544	80.787	nq	98
70) Phenanthrene	17.47	178	1004335	46.643	nq	98
71) Anthracene	17.55	178	1010484	47.078	nq	98
72) Carbazole	17.82	167	899194	41.948	nq	99
73) Di-n-butylphthalate	18.38	149	1018587	42.672	nq	99
74) Fluoranthene	19.47	202	1182490	45.043	nq	100
76) Benzidine	19.65	184	69681m	5.383	nq	
77) Pyrene	19.83	202	1182938	47.410	nq	99
79) Butylbenzylphthalate	20.71	149	468529	47.184	nq	96
80) Benzo(a)anthracene	21.67	228	1163567	47.336	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	186732	19.061	nq	99
82) Chrysene	21.73	228	1096418	47.058	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	630803	45.397	nq	99
84) Di-n-octyl phthalate	22.78	149	1072536	46.211	nq	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1332497	49.239	nq	100
87) Benzo(b)fluoranthene	23.87	252	1156920	49.117	nq	97
88) Benzo(k)fluoranthene	23.94	252	1105977	48.062	nq	98
89) Benzo(a)pyrene	24.74	252	1117882	49.389	nq	100
90) Dibenzo(a,h)anthracene	28.61	278	1080766	49.461	nq	97
91) Benzo(g,h,i)perylene	29.68	276	1104568	50.303	nq	98

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



#1

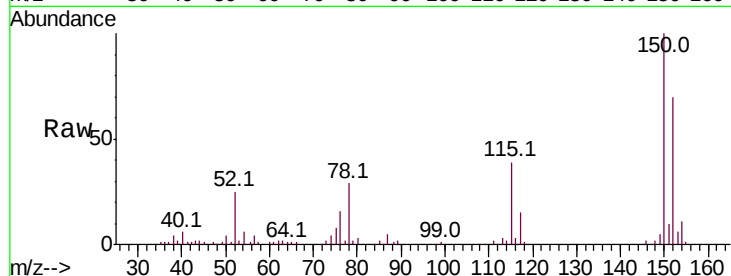
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.8	119.5	179.3
115	56.1	44.5	66.7

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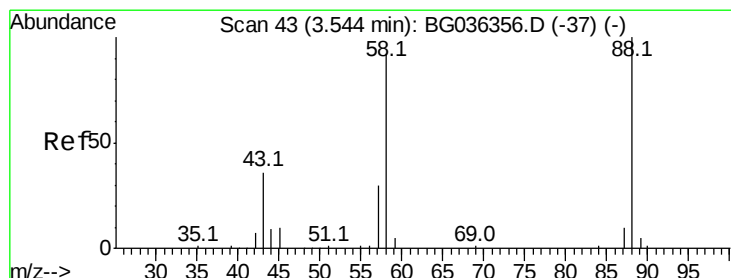
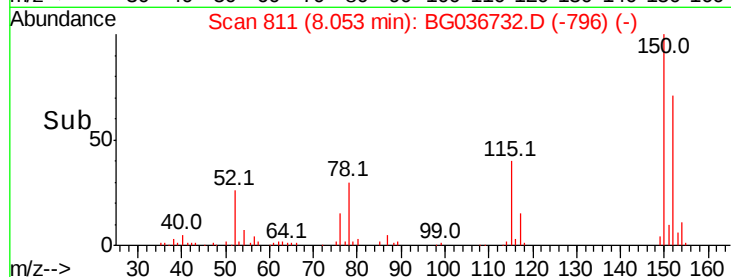
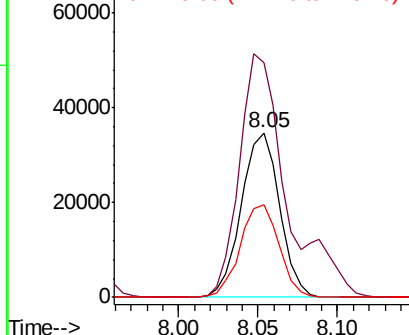


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

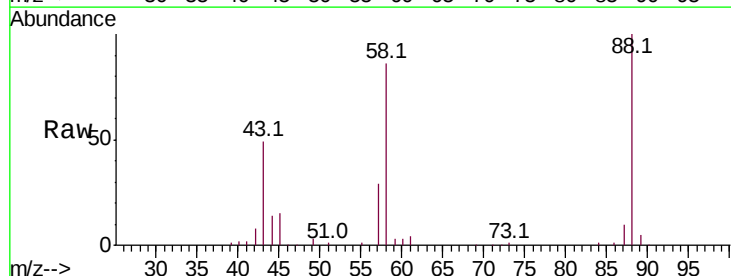
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.449 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	72.6	109.0
43	44.4	29.0	43.4#

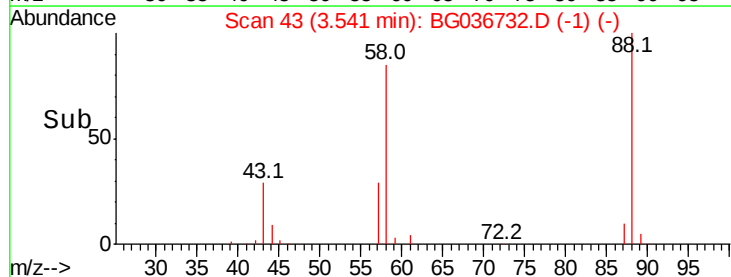
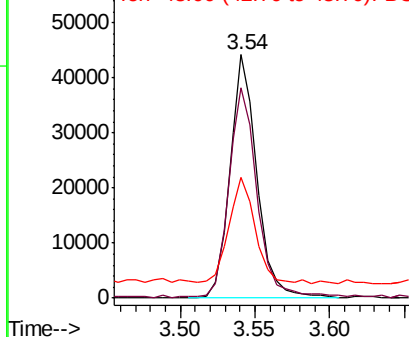


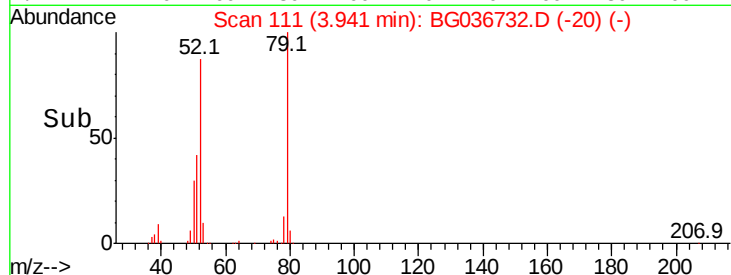
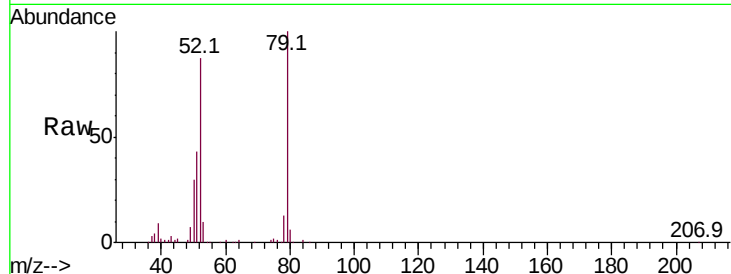
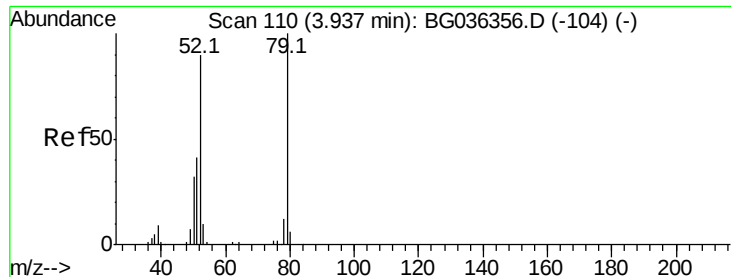
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





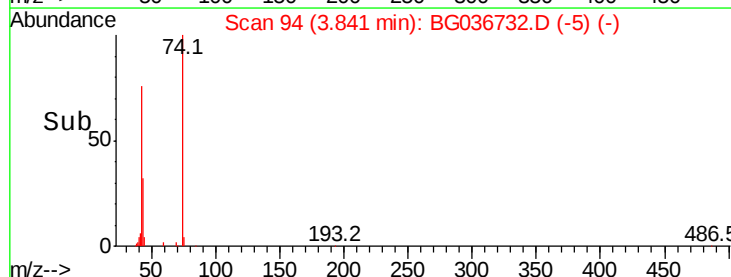
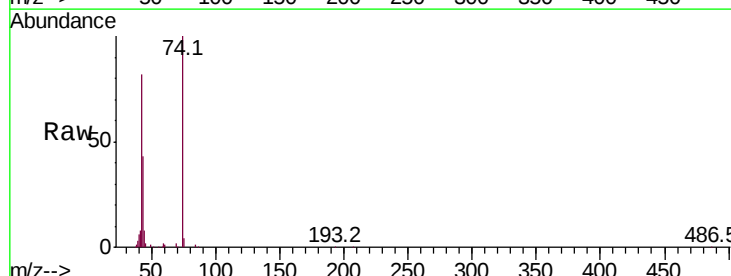
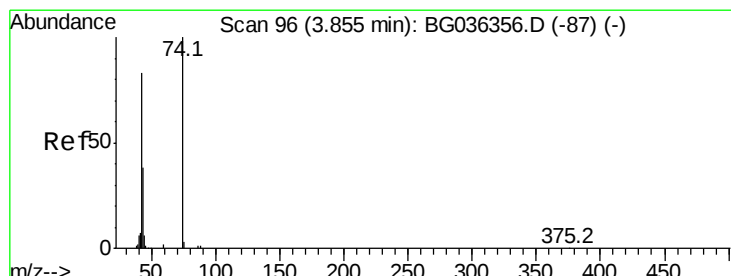
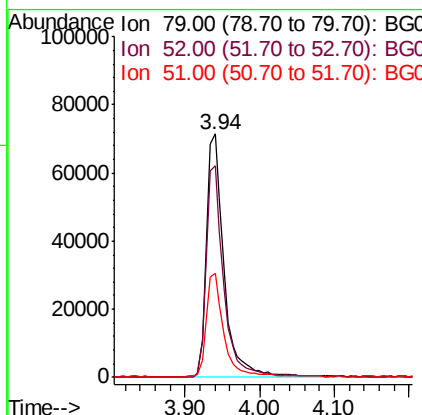
#3
 Pvridine
 Concen: 24.444 ng
 RT: 3.94 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.0	72.3	108.5		
51	42.7	33.8	50.6		

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

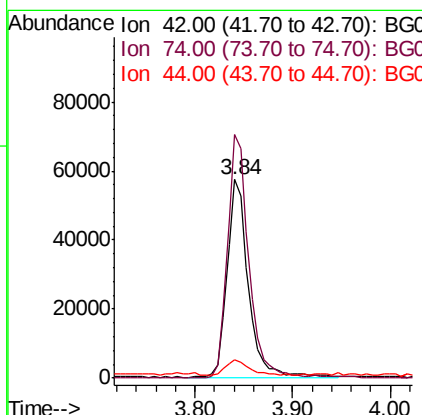
Manual Integrations
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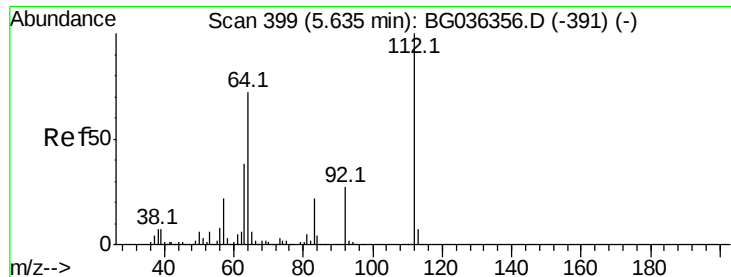
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#4
 n-Nitrosodimethylamine
 Concen: 39.840 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	122.7	96.6	145.0		
44	9.3	7.0	10.4		





#5

2-Fluorophenol

Concen: 105.750 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

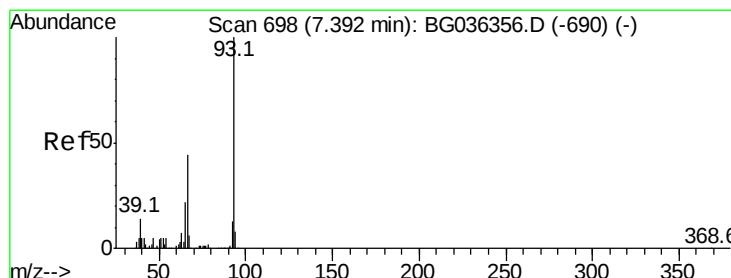
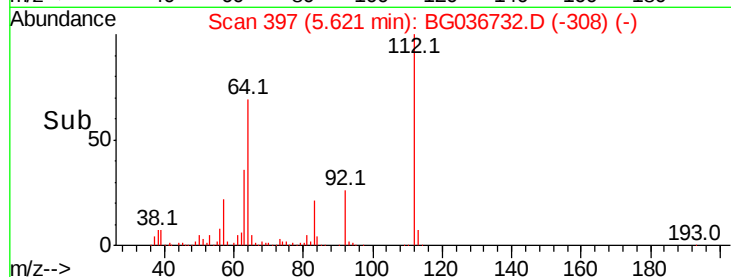
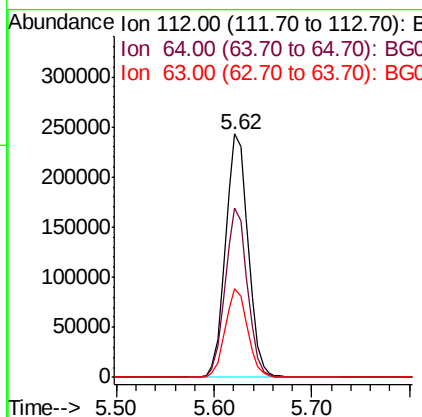
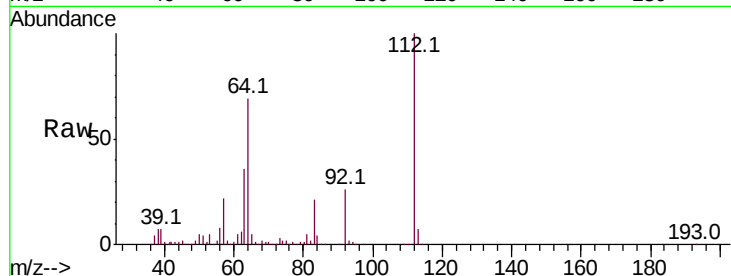
ClientSampleId :

NB-08-091218MSD

Tot Ion:	112	Resp:	389750
Ion Ratio	Lower	Upper	
112	100		
64	69.4	57.2	85.8
63	36.3	30.8	46.2

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#6

Aniline

Concen: 14.637 ng

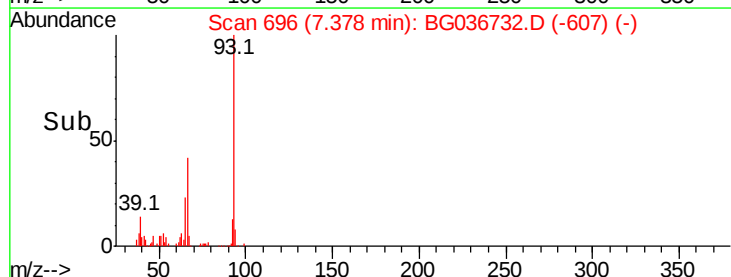
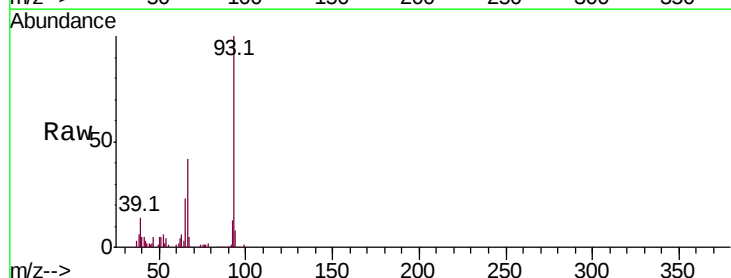
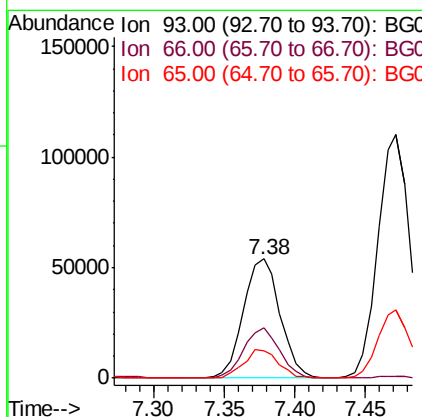
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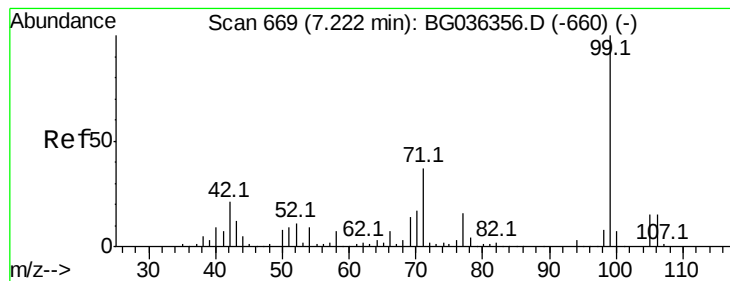
Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tgt Ion:	93	Resp:	98035
Ion Ratio	Lower	Upper	
93	100		
66	41.9	35.0	52.4
65	23.0	17.6	26.4





#7

Phenol-d6

Concen: 97.831 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tot Ion: 99 Resp: 516238

Ion Ratio Lower Upper

99 100

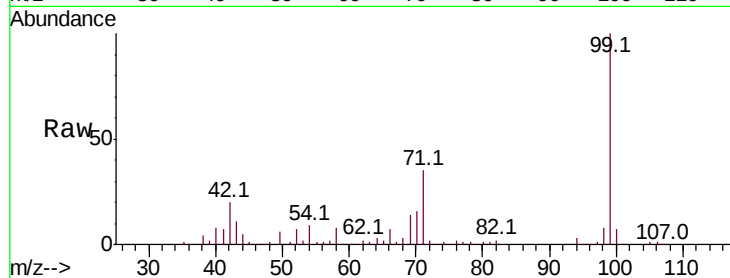
42 20.2 16.5 24.7

71 35.3 29.4 44.2

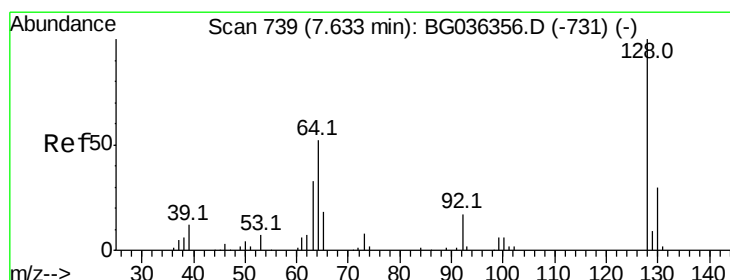
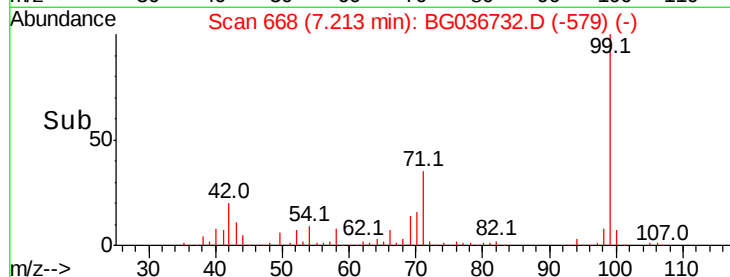
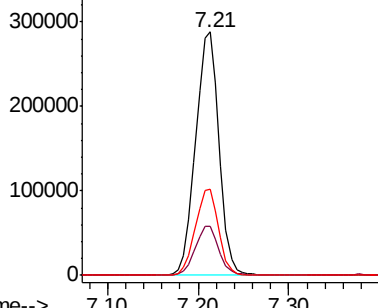
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.373 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

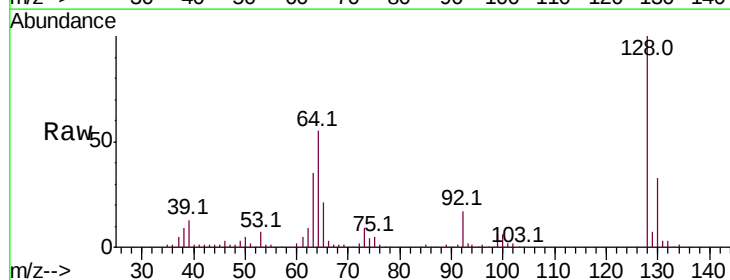
Tgt Ion: 128 Resp: 173354

Ion Ratio Lower Upper

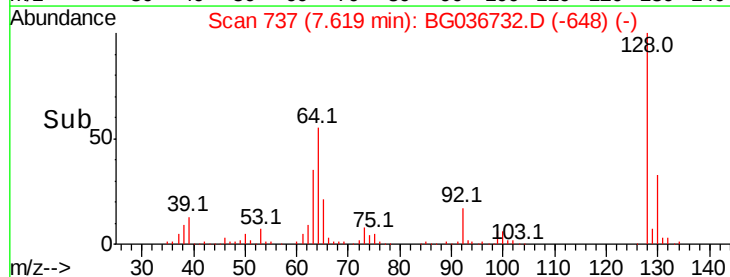
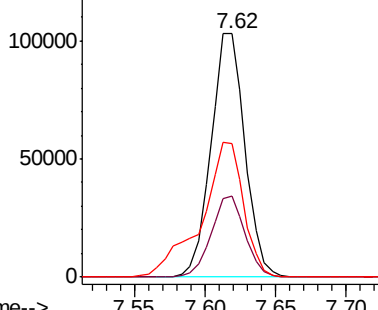
128 100

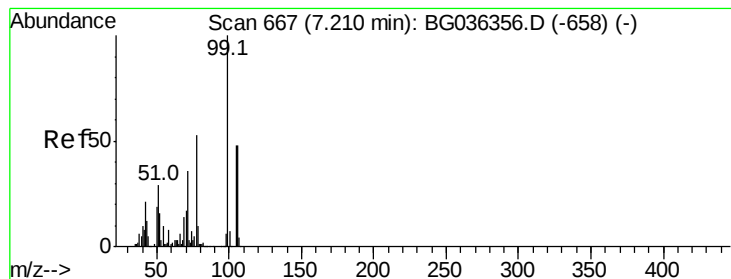
130 33.3 10.0 50.0

64 54.6 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.538 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tot Ion: 77 Resp: 38293

Ion Ratio Lower Upper

77 100

105 97.9 70.5 110.5

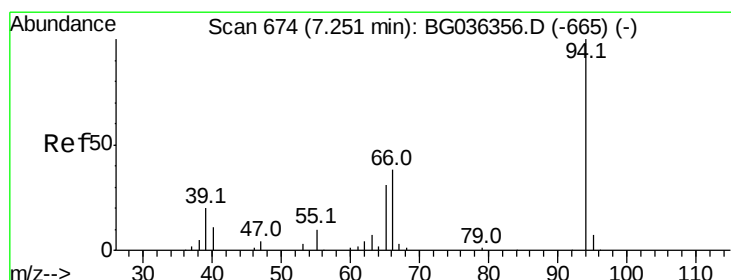
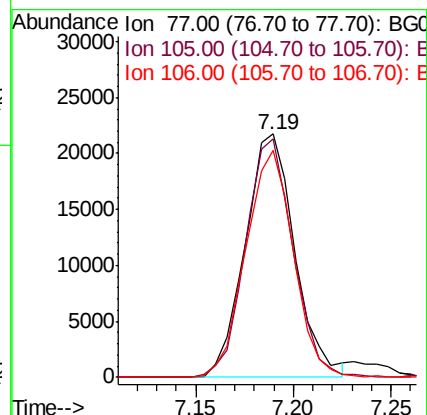
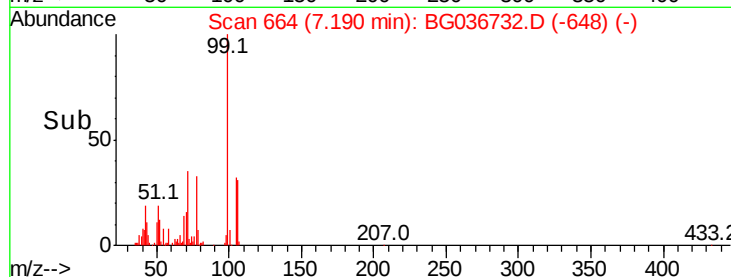
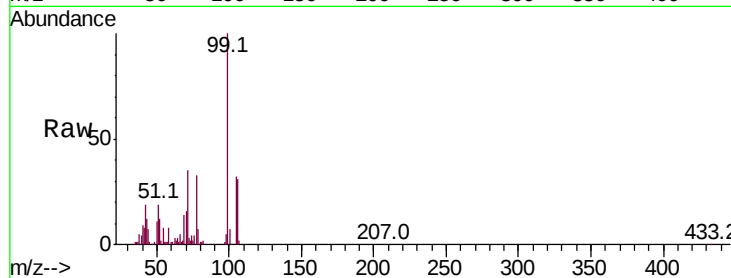
106 93.4 69.8 109.8

Manual Integrations

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#10

Phenol

Concen: 38.456 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

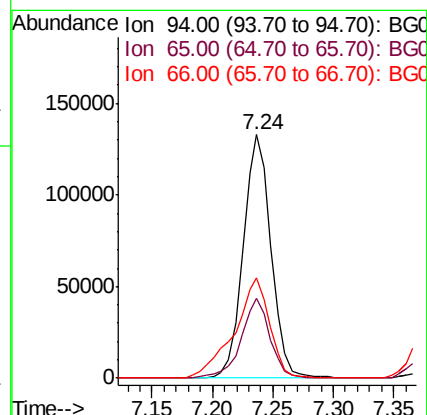
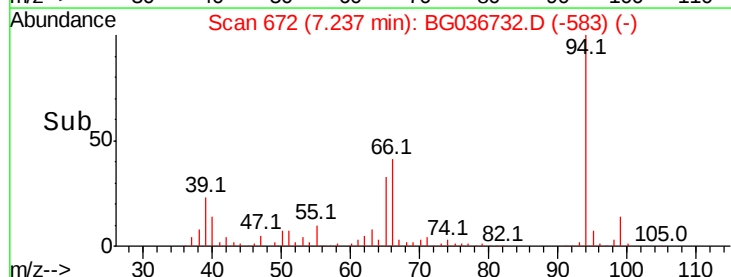
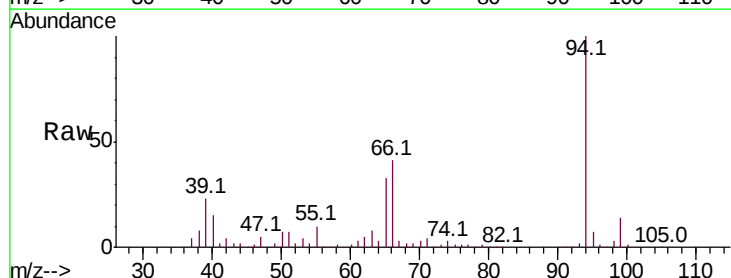
Tgt Ion: 94 Resp: 212356

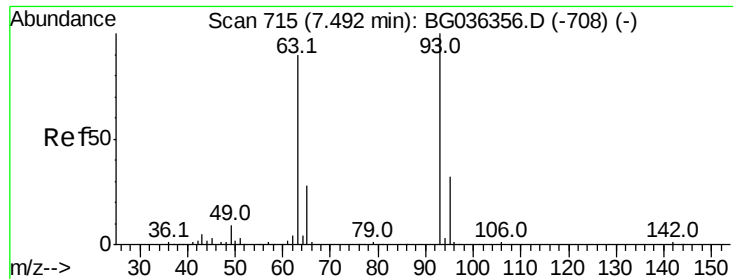
Ion Ratio Lower Upper

94 100

65 32.5 11.5 51.5

66 41.4 19.5 59.5





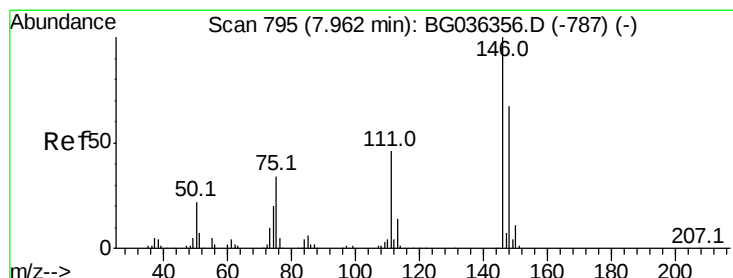
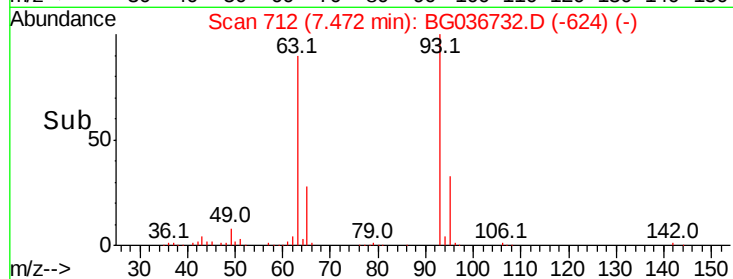
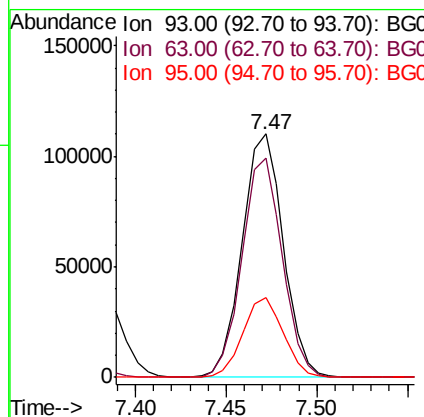
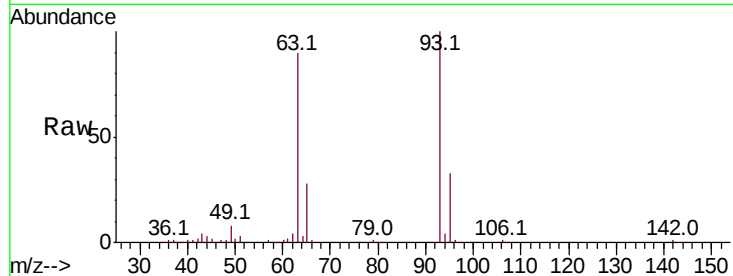
#11
bis(2-Chloroethyl)ether
Concen: 39.644 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.3	69.9	109.9
95	32.6	11.7	51.7

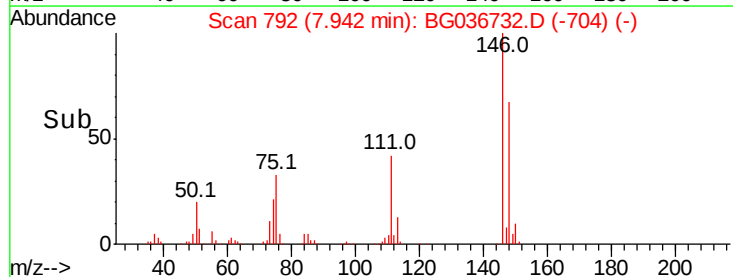
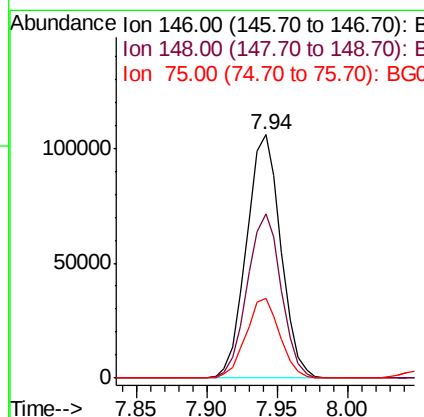
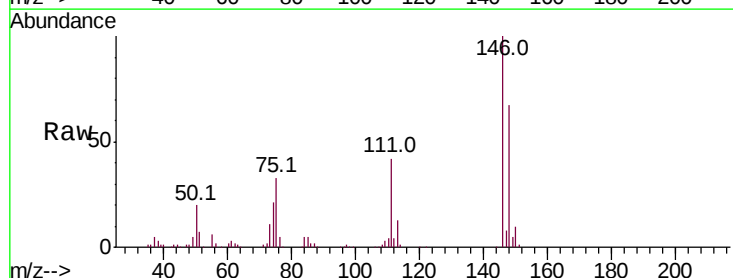
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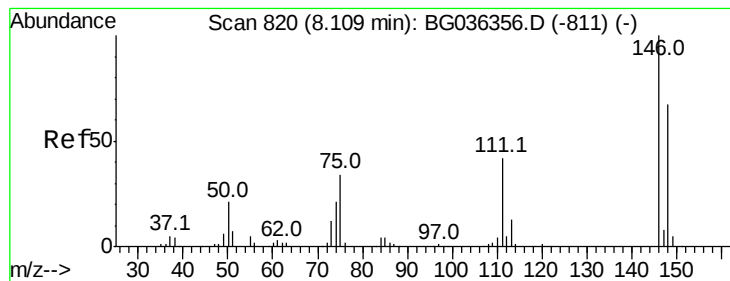
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#12
1,3-Dichlorobenzene
Concen: 39.379 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	53.8	80.6
75	32.6	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 39.429 ng

RT: 8.09 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

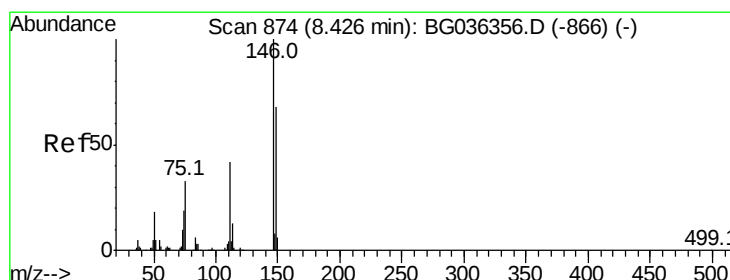
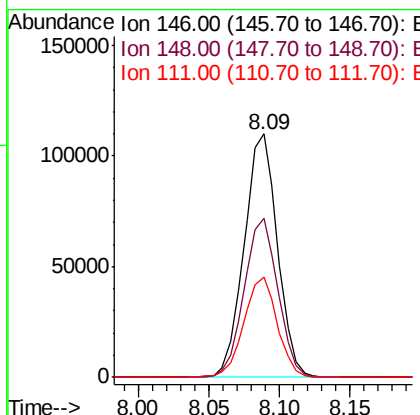
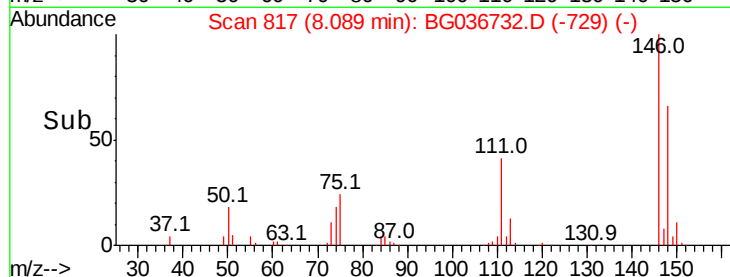
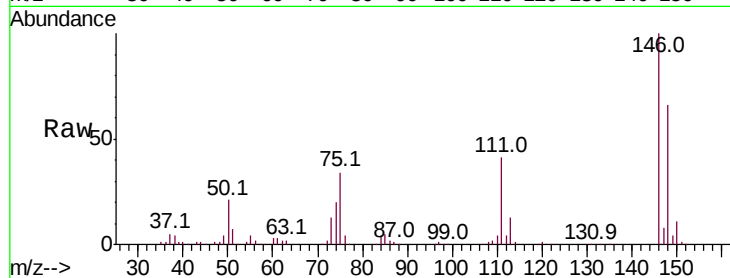
ClientSampleId :

NB-08-091218MSD

Tot Ion:	146	Resp:	181678
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.9	80.9
111	41.3	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 39.834 ng

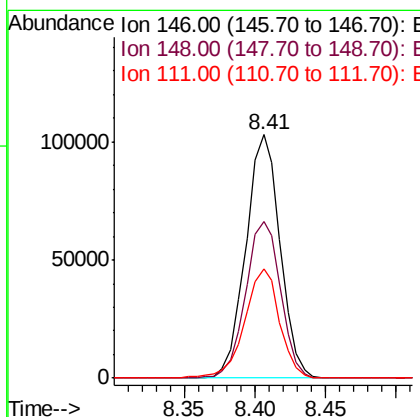
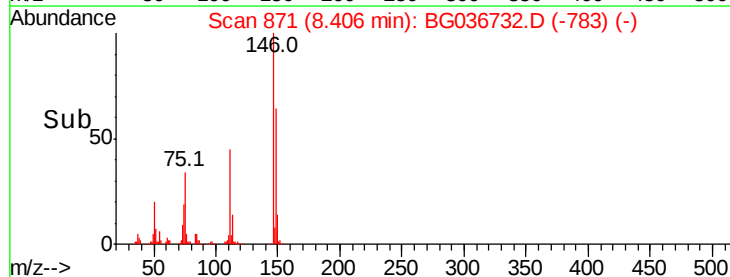
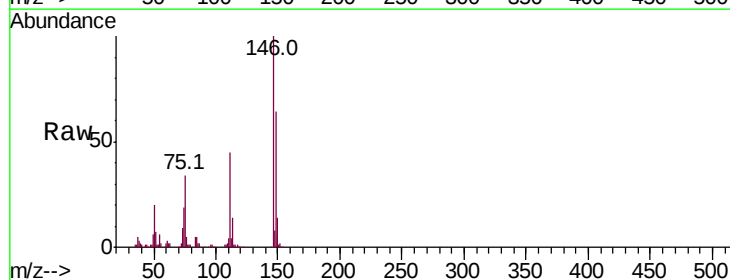
RT: 8.41 min Scan# 871

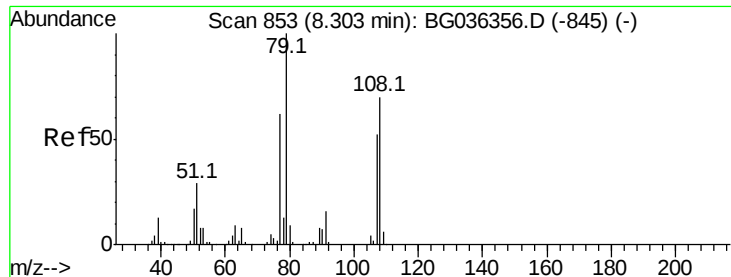
Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tgt Ion:	146	Resp:	175288
Ion Ratio	Lower	Upper	
146	100		
148	64.4	55.0	82.6
111	44.6	34.6	51.8





#15

Benzyl Alcohol

Concen: 41.684 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

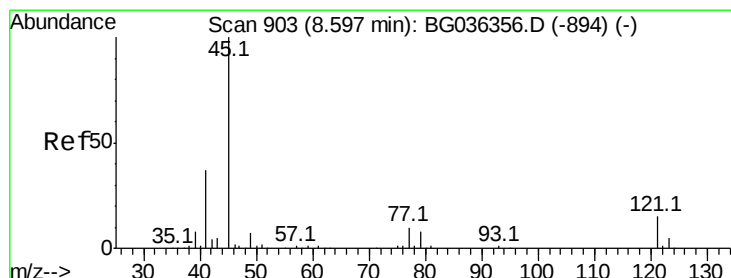
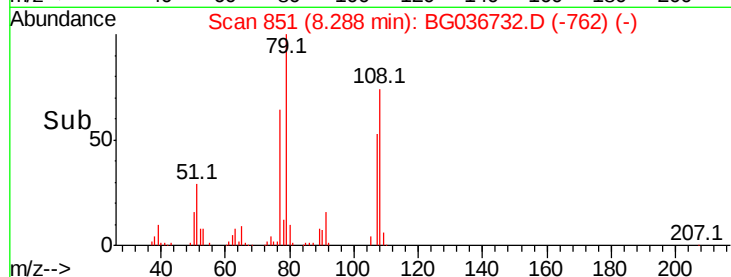
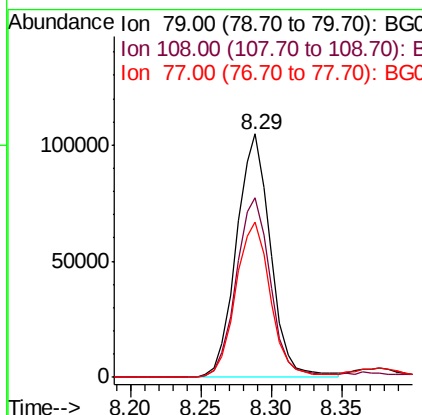
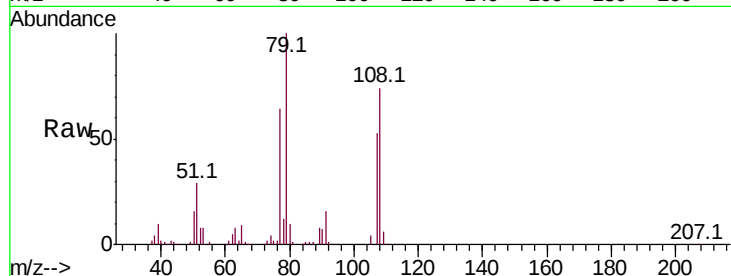
ClientSampleId :

NB-08-091218MSD

Tot Ion:	79	Resp:	177319
Ion Ratio	Lower	Upper	
79	100		
108	73.6	55.9	83.9
77	63.9	50.0	75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.059 ng

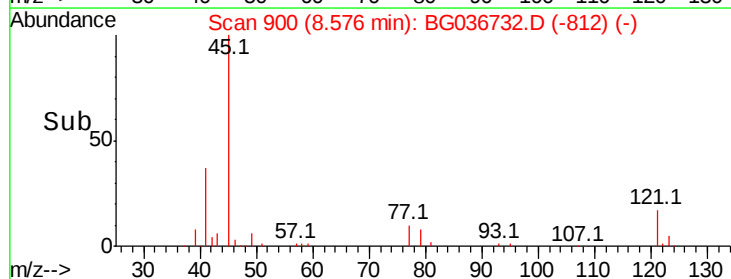
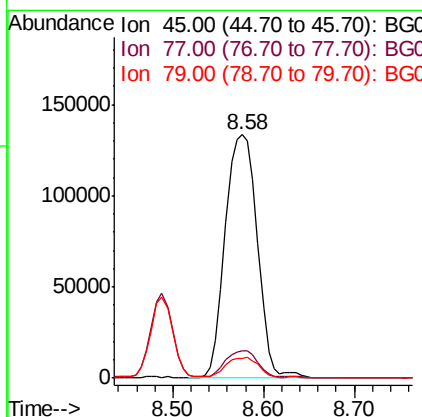
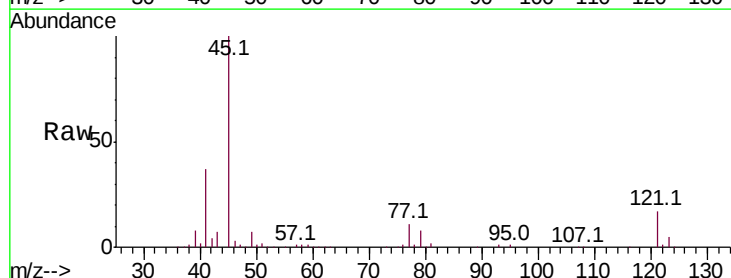
RT: 8.58 min Scan# 900

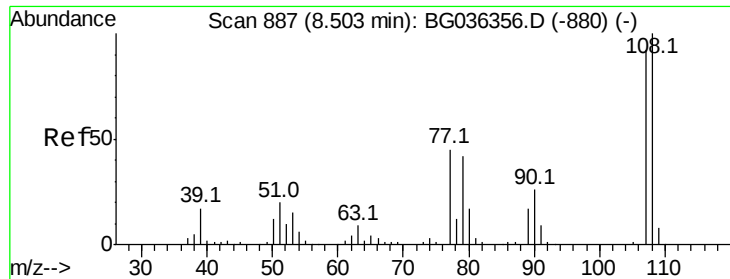
Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tgt Ion:	45	Resp:	327185
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	30.5
79	8.3	0.0	27.9





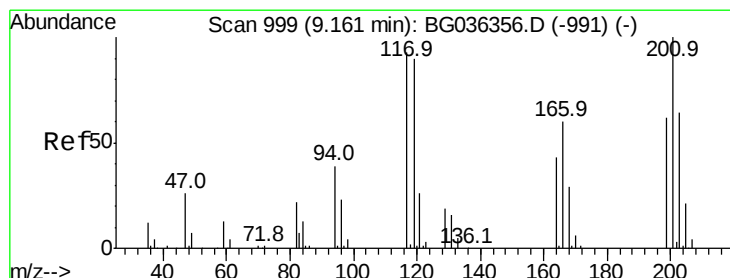
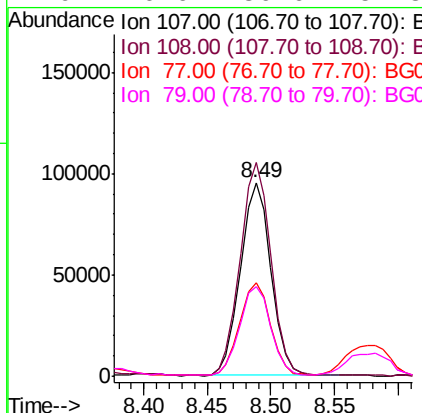
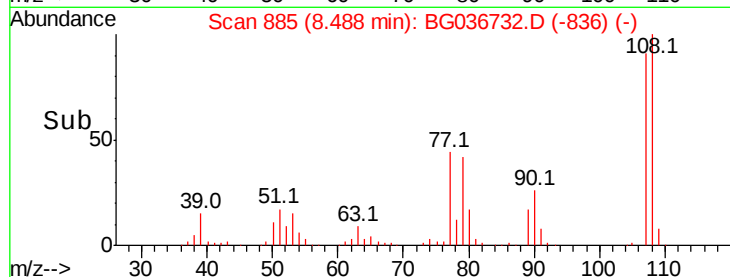
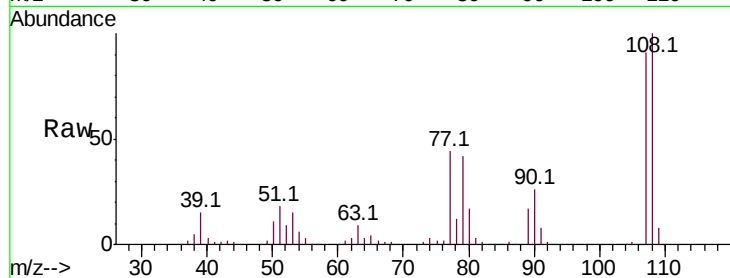
#17
2-Methylphenol
Concen: 43.338 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	86.7	130.1	
77	48.4	39.0	58.4	
79	46.6	36.6	54.8	

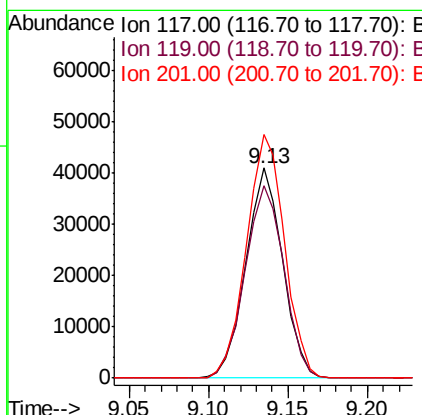
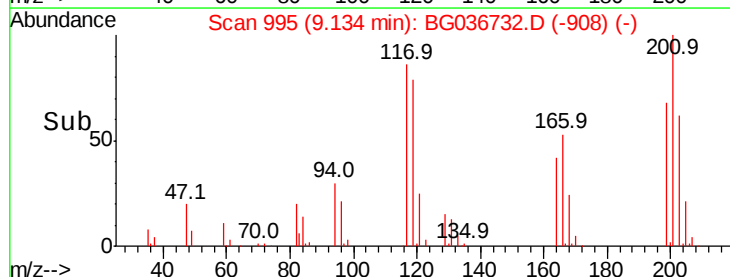
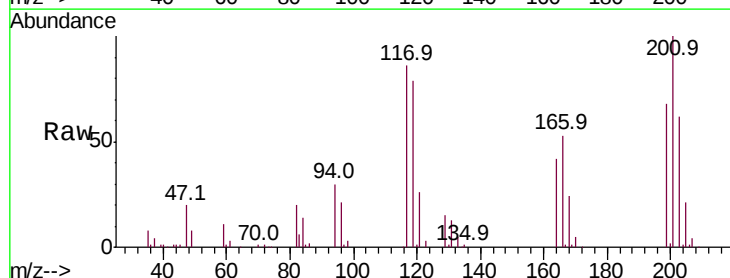
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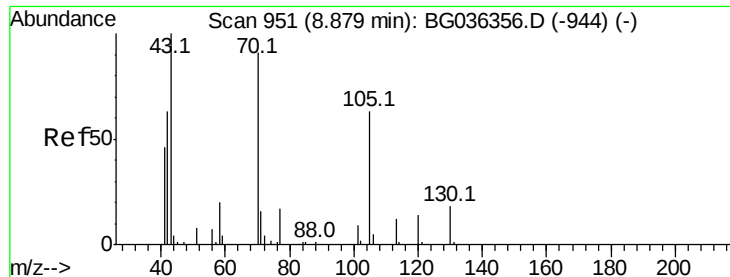
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#18
Hexachloroethane
Concen: 39.961 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	91.6	76.8	115.2	
201	116.0	85.7	128.5	





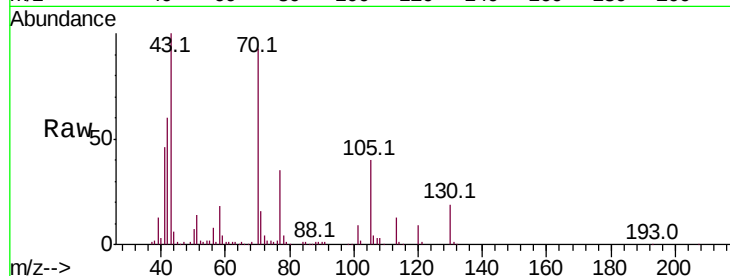
#19
n-Nitroso-di-n-propylamine
Concen: 39.101 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.2	56.2	84.4	
101	10.1	7.8	11.6	
130	20.5	16.2	24.2	

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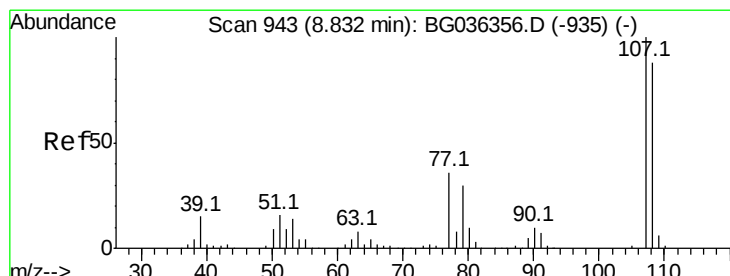
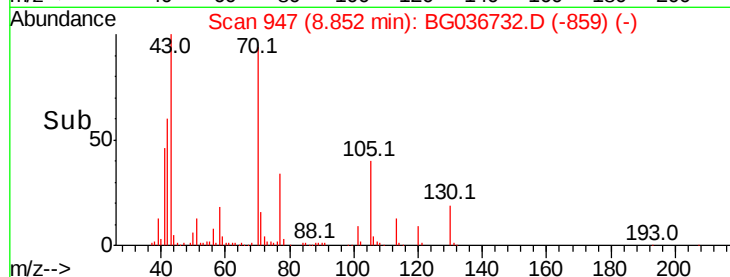
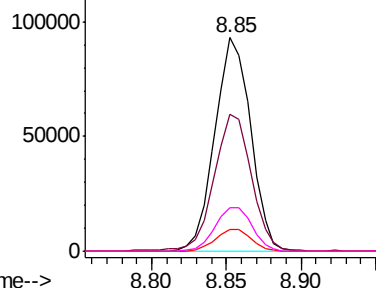
Abundance

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: 43.943 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	68.0	108.0	
77	35.3	15.6	55.6	
79	31.6	9.9	49.9	

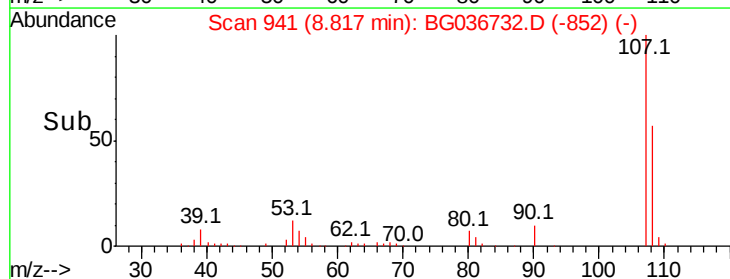
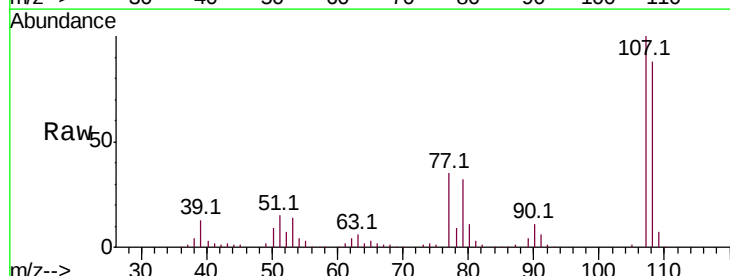
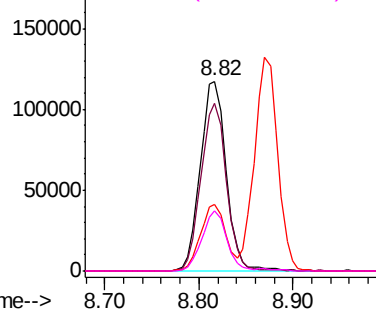
Abundance

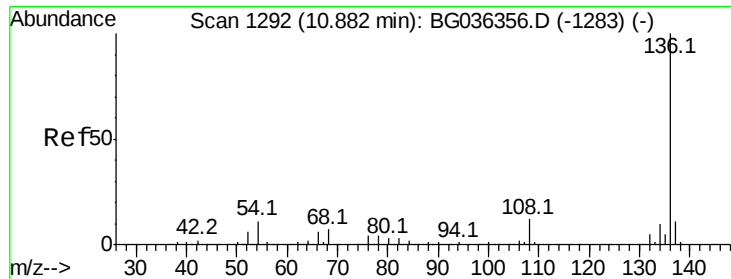
Ion 107.00 (106.70 to 107.70): BGC

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





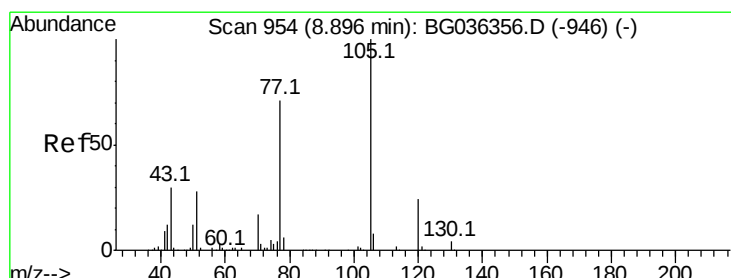
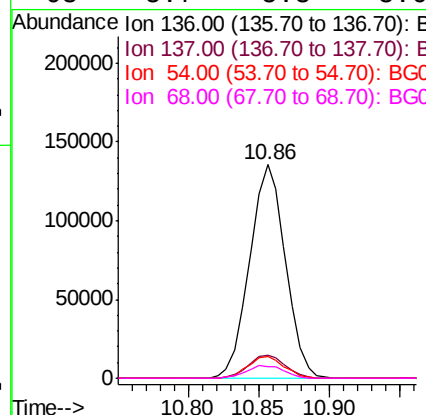
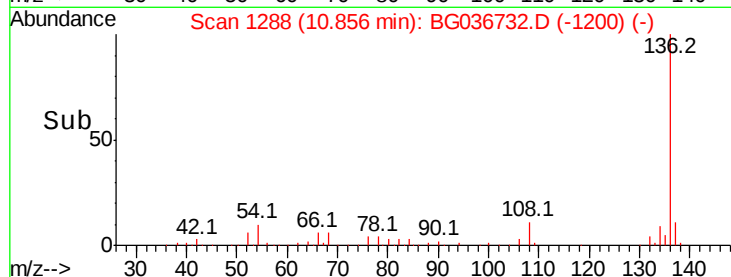
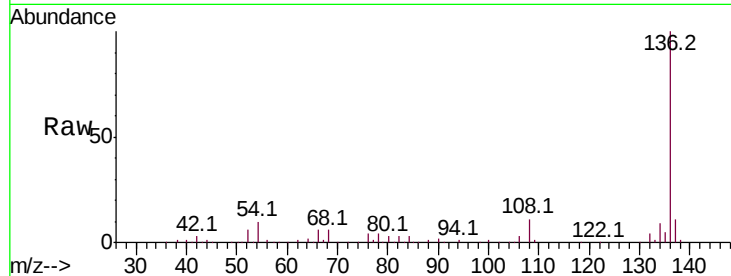
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	241161		
137	10.6		8.8	13.2
54	10.2		9.2	13.8
68	5.7		5.8	8.6#

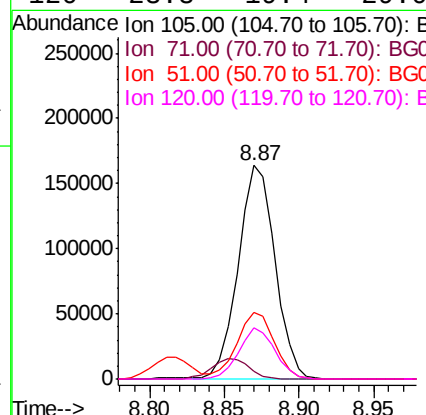
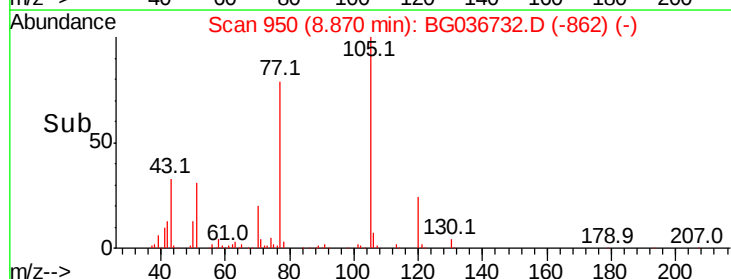
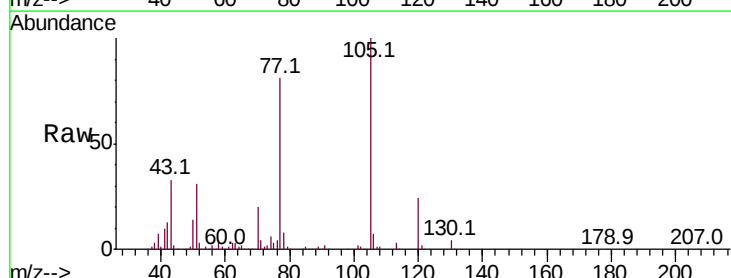
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#22
Acetophenone
Concen: 44.081 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	279157		
71	3.8		2.4	3.6#
51	31.4		25.9	38.9
120	23.8		19.4	29.0





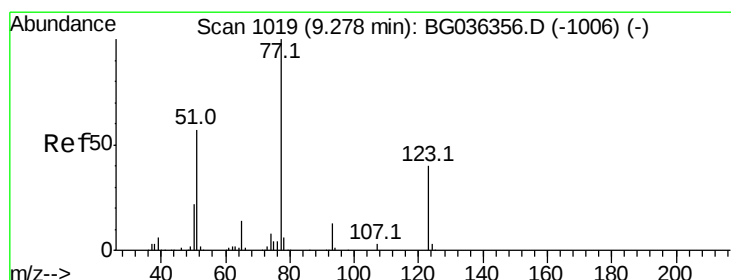
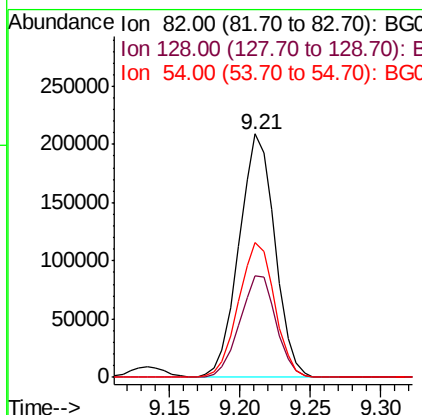
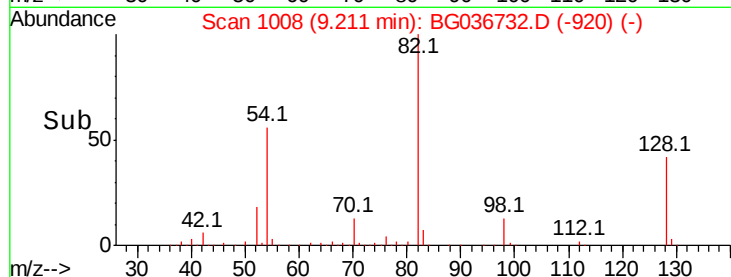
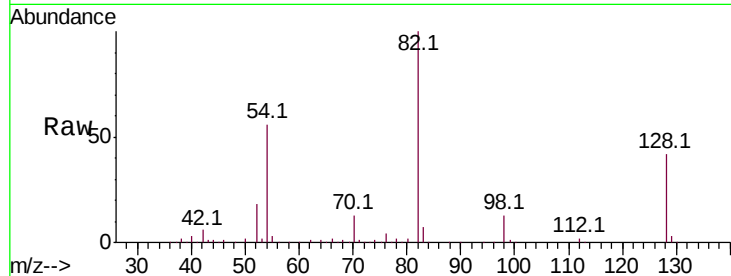
#23
Nitrobenzene-d5
Concen: 83.448 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.3	49.9
54	55.5	45.1	67.7

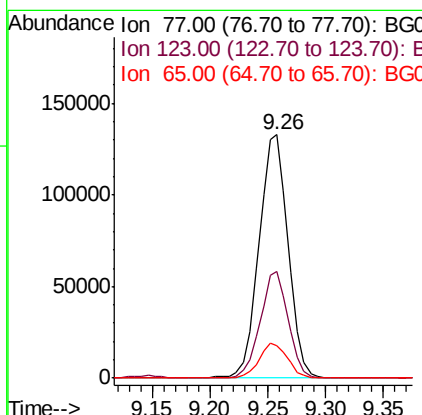
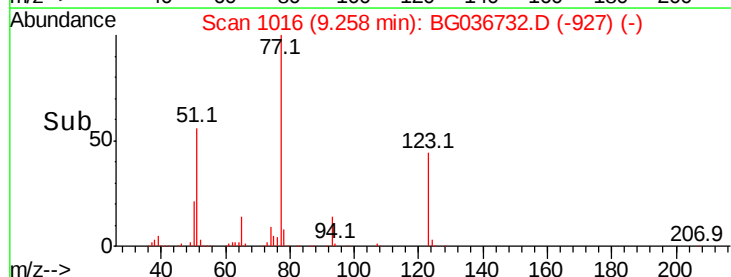
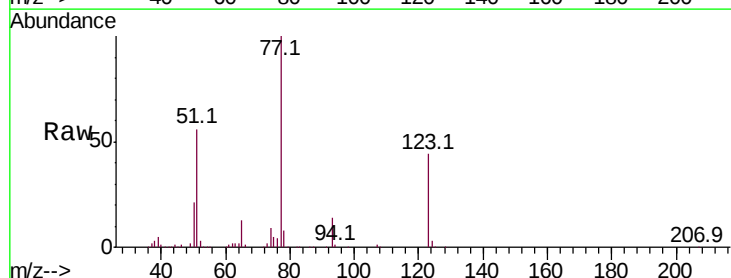
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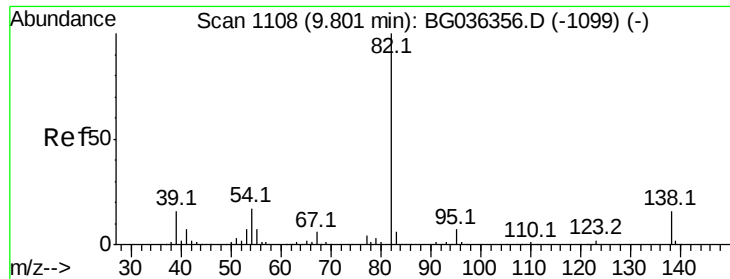
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#24
Nitrobenzene
Concen: 48.707 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	32.4	48.6
65	13.5	11.5	17.3





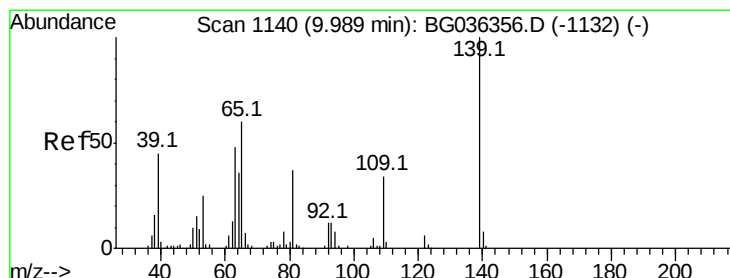
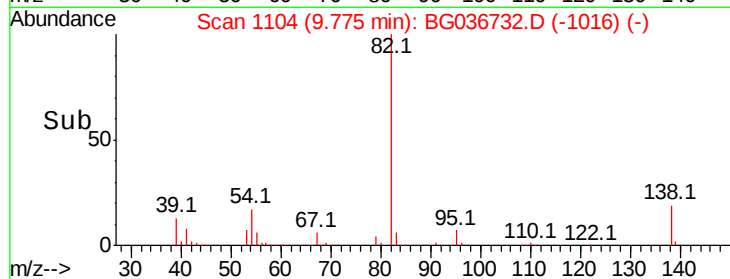
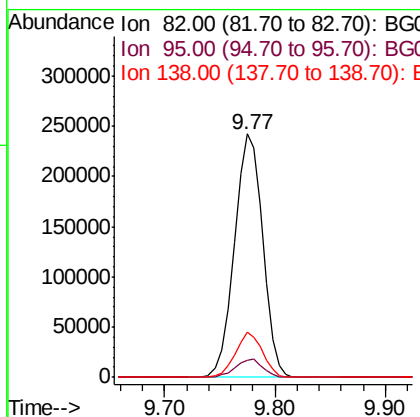
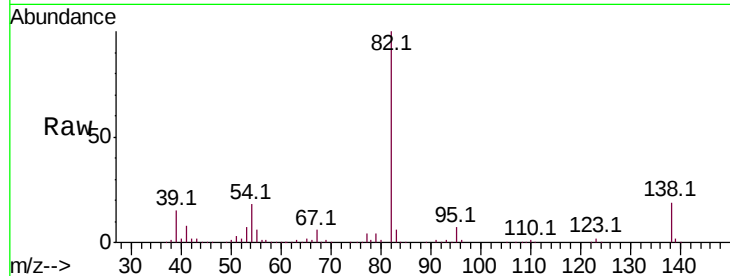
#25
Isophorone
Concen: 49.241 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	82	Resp	434787
Ion Ratio	100	Lower	Upper
82	100		
95	7.0	5.8	8.8
138	18.6	12.9	19.3

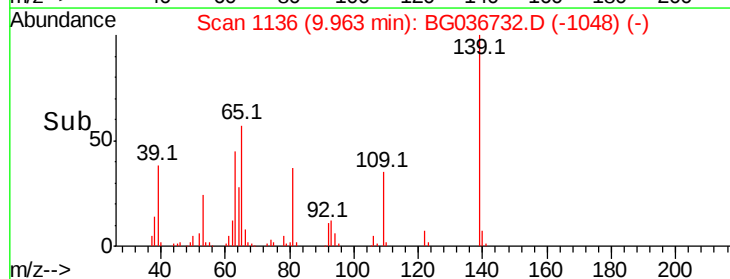
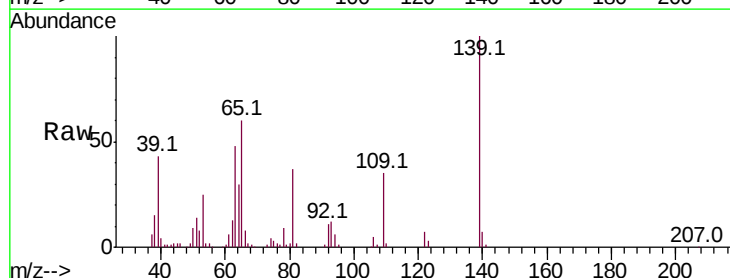
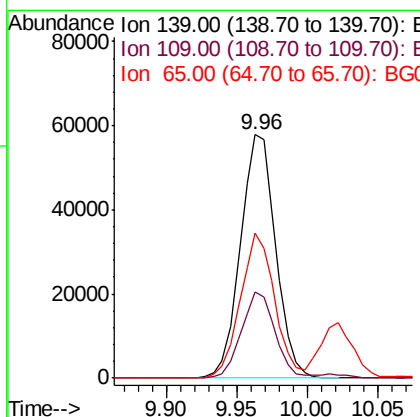
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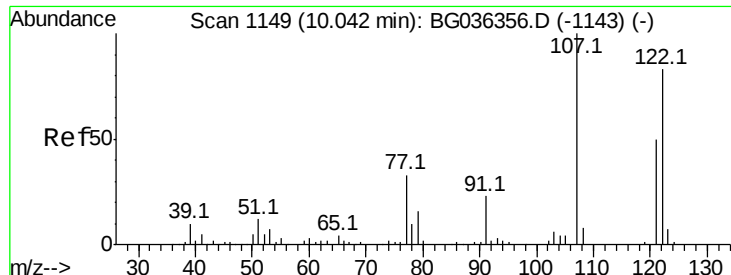
Sohil
9/17/2018 2:36:17 PM



#26
2-Nitrophenol
Concen: 53.068 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	139	Resp	100792
Ion Ratio	100	Lower	Upper
139	100		
109	35.2	27.4	41.0
65	59.7	47.8	71.6





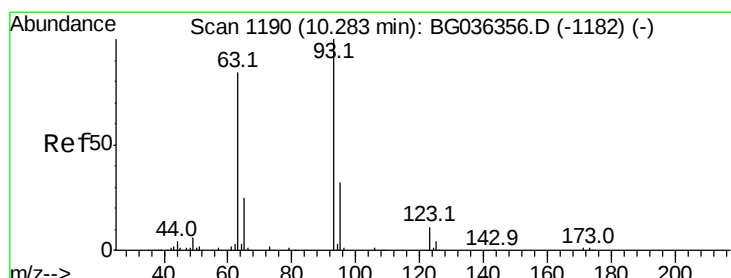
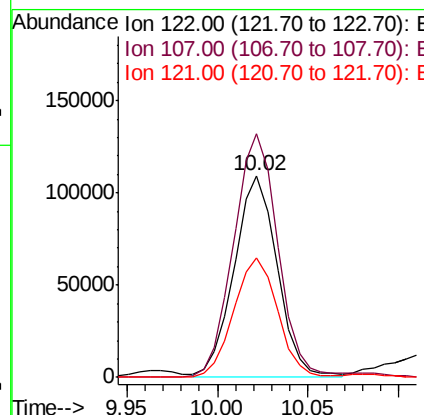
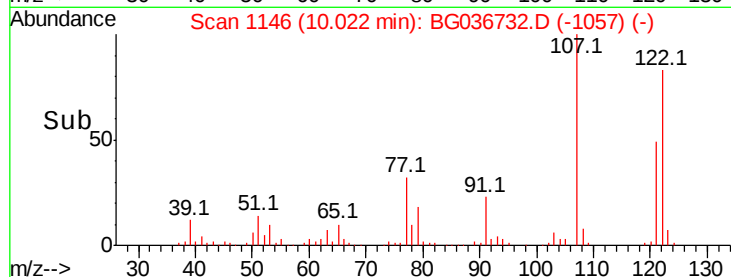
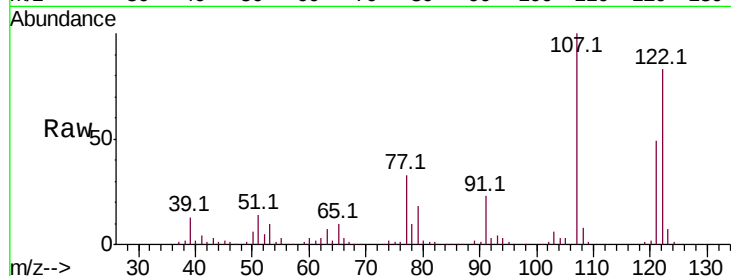
#27
 2,4-Dimethylphenol
 Concen: 51.093 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	179661		
107	120.7	96.0	144.0	
121	58.9	48.2	72.4	

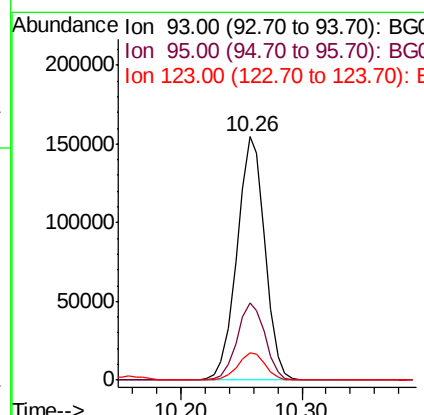
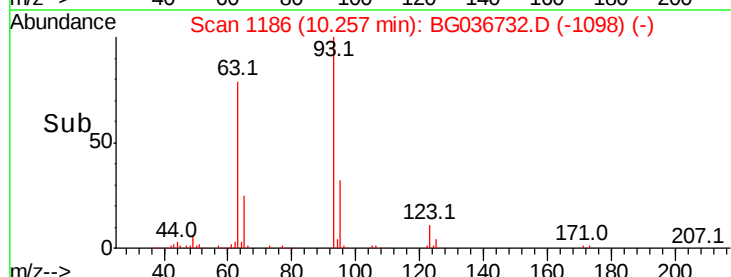
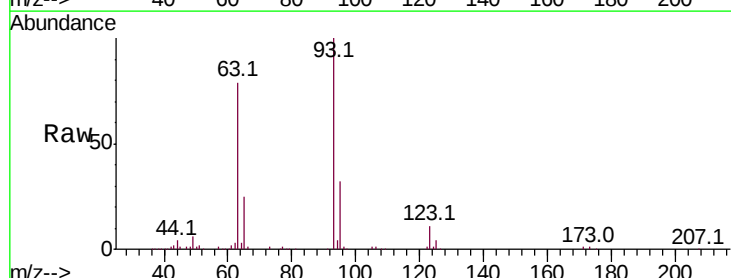
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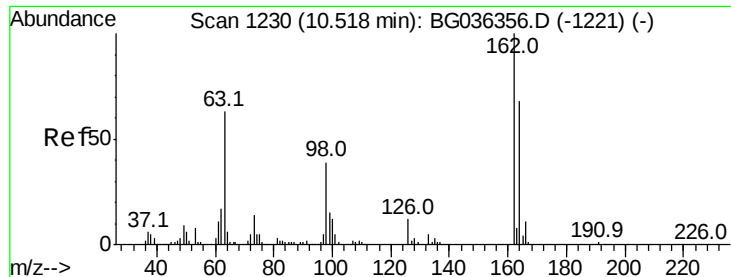
Sohil
 9/17/2018 2:36:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.709 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	247700		
95	31.9	25.2	37.8	
123	11.4	8.6	12.8	





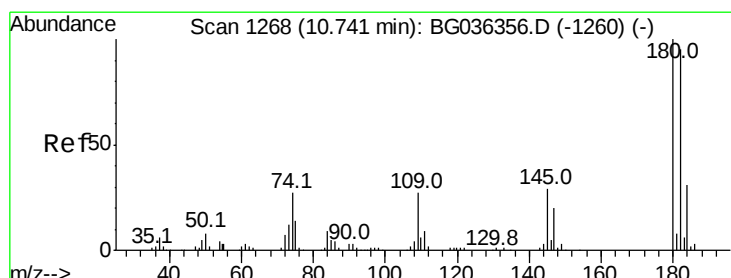
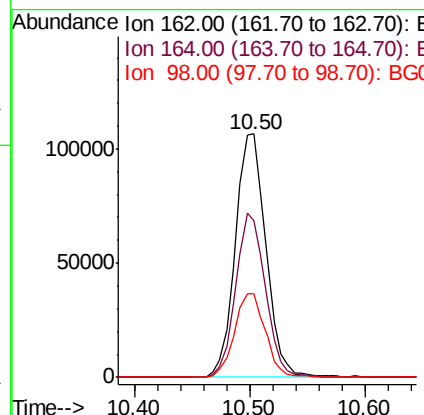
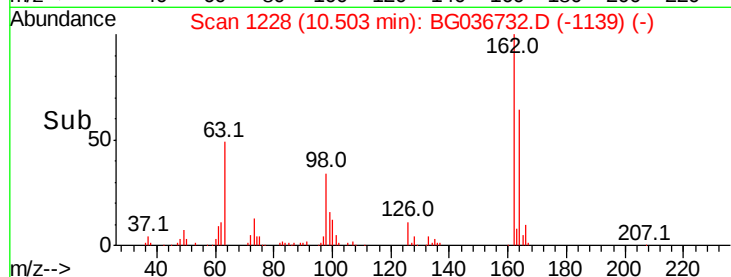
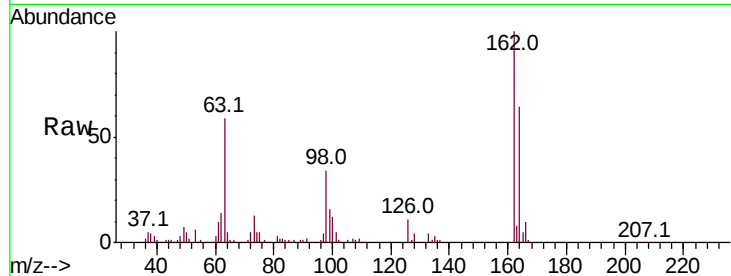
#29
2,4-Dichlorophenol
Concen: 50.853 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	195975		
164	64.1	47.6	87.6	
98	34.3	19.2	59.2	

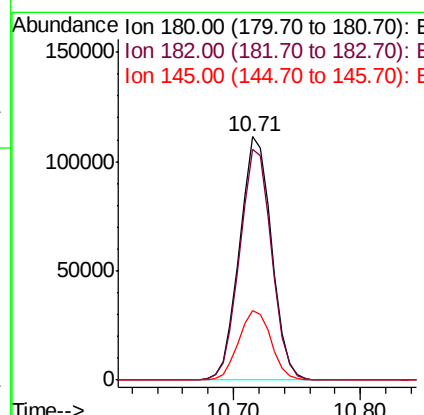
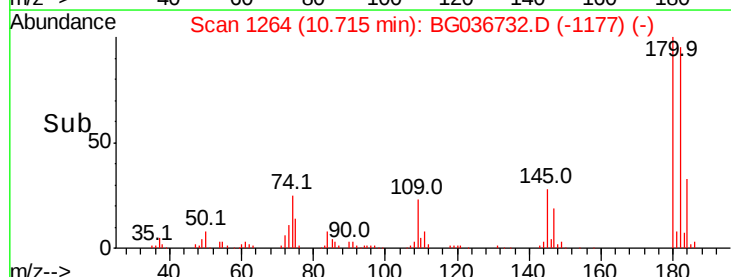
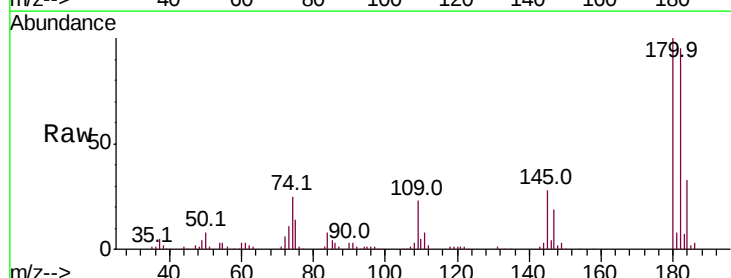
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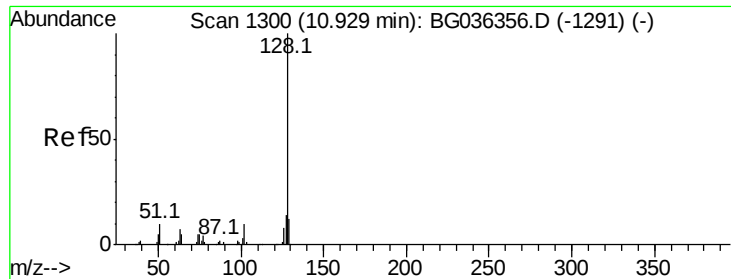
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#30
1,2,4-Trichlorobenzene
Concen: 43.017 ng
RT: 10.71 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	193931		
182	94.9	76.0	114.0	
145	28.5	22.9	34.3	





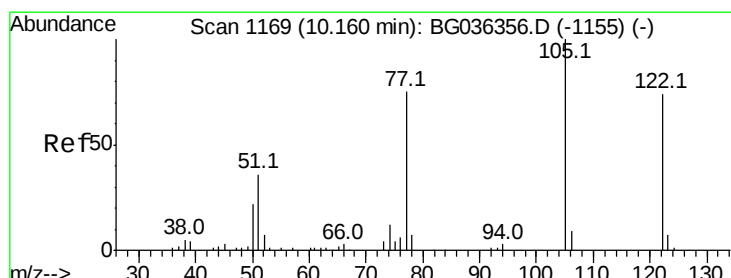
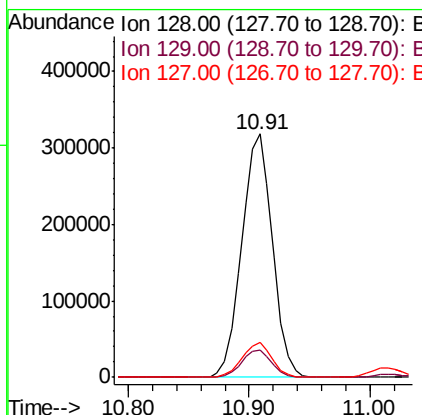
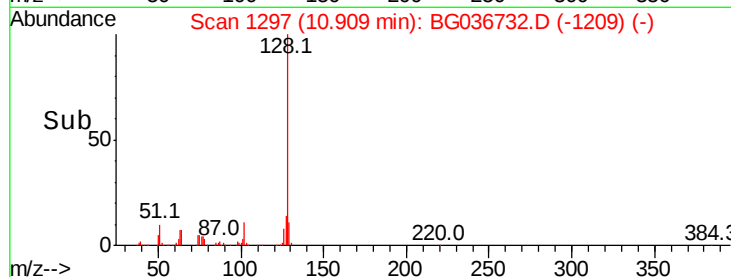
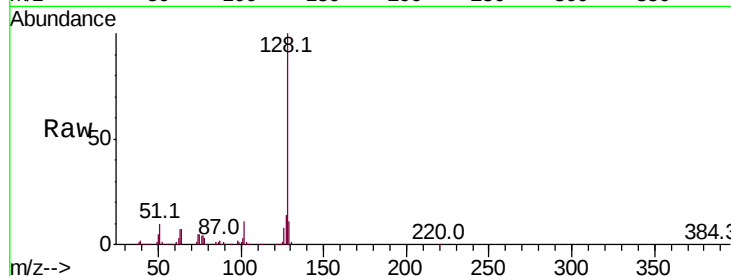
#31
Naphthalene
Concen: 46.659 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.4	14.2	
127	14.3	11.0	16.4	

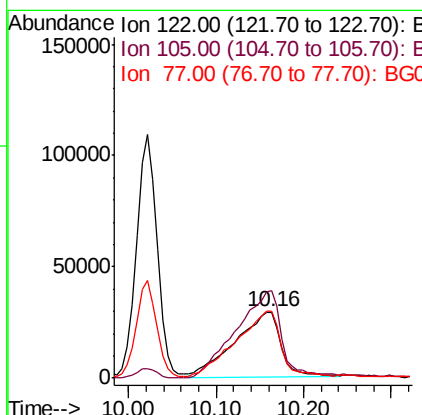
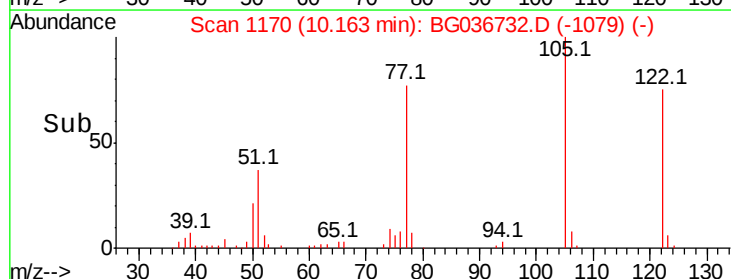
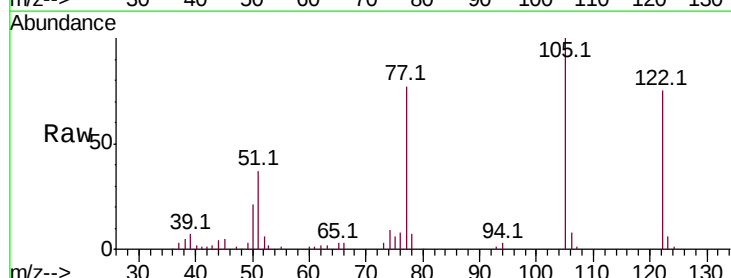
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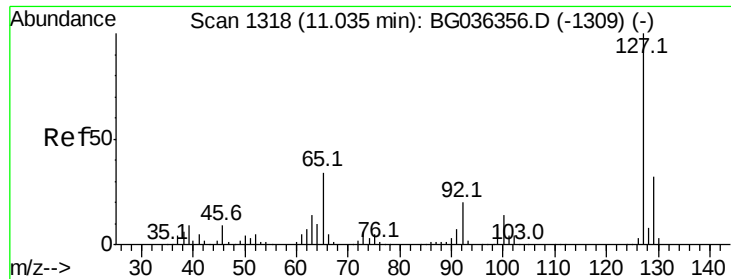
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#32
Benzoic acid
Concen: 40.577 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	133.0	108.1	148.1	
77	102.3	76.3	116.3	





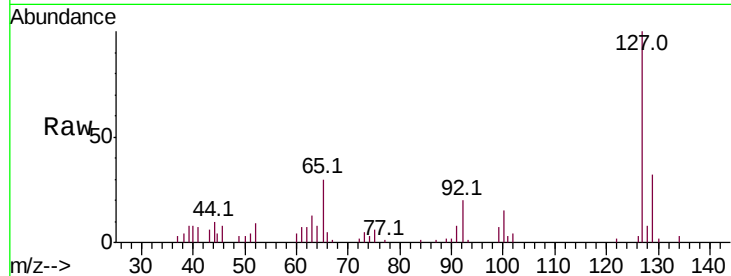
#33
4-Chloroaniline
Concen: 4.362 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	29.8	27.5	41.3
92	19.7	16.2	24.2

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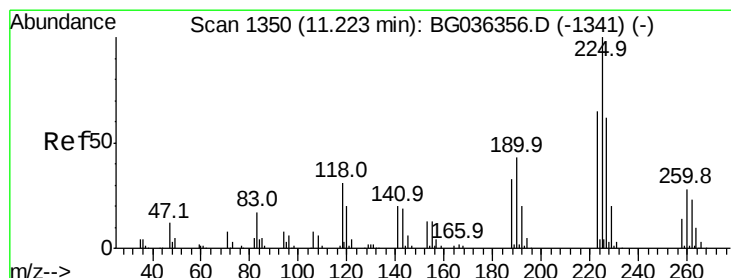
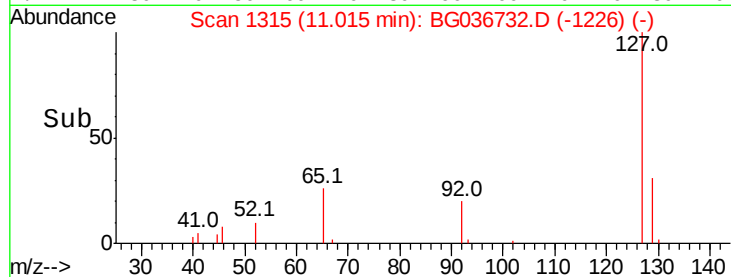
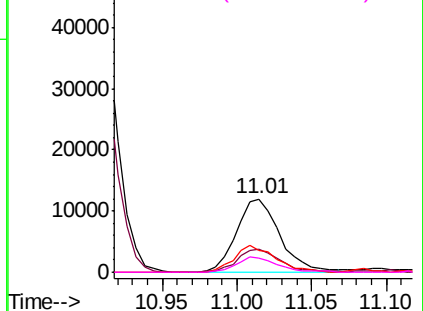
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

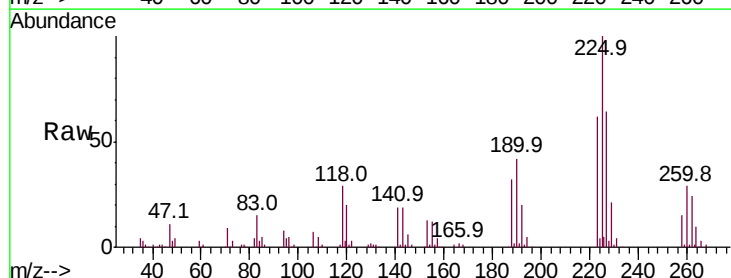
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 43.269 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.8	77.8
227	63.7	49.8	74.6

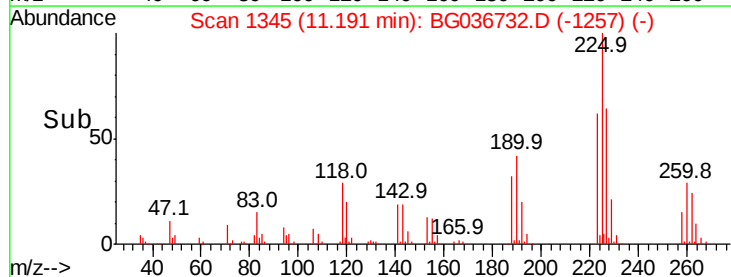
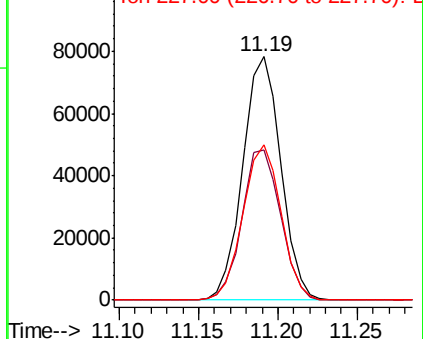


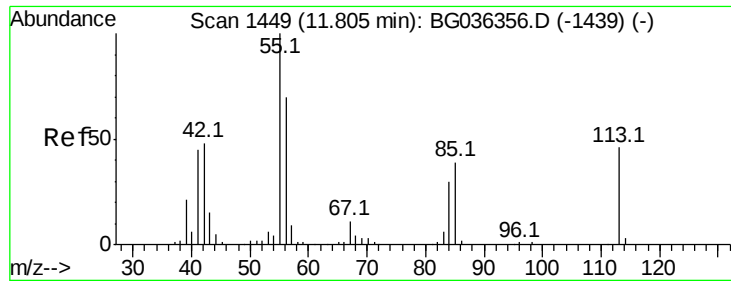
Abundance

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: 38.137 ng/mL

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tot Ion:113 Resp: 58547

Ion Ratio Lower Upper

113 100

55 207.8 197.7 237.7

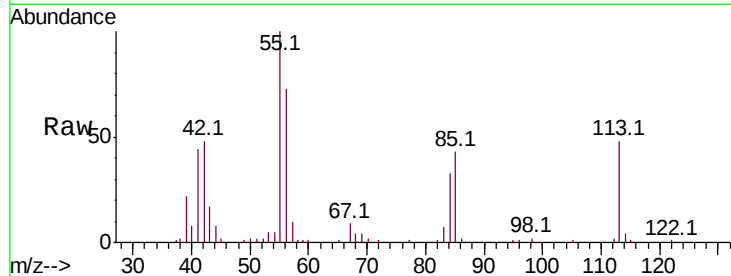
56 152.2 131.7 171.7

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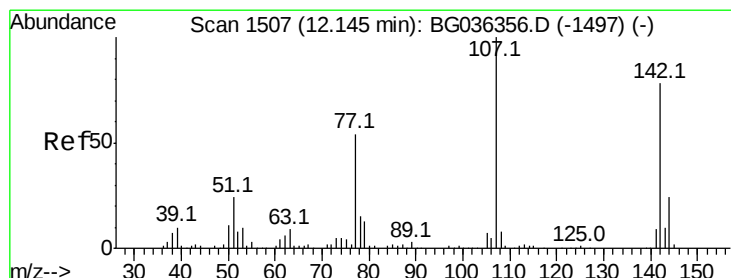
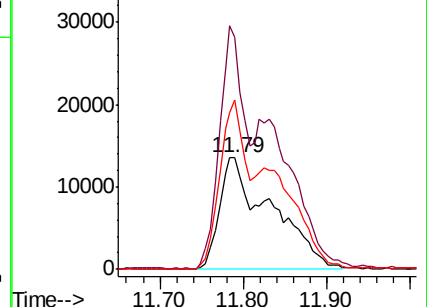
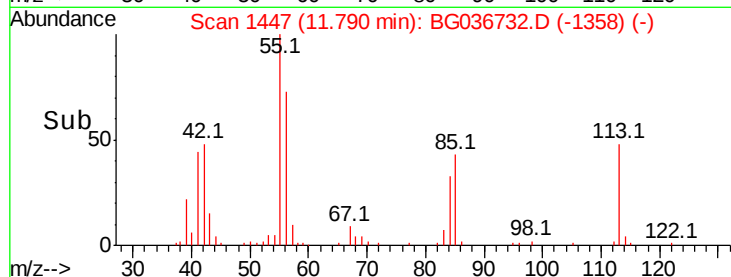
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036732.D (-1439) (-)

Ion 56.00 (55.70 to 56.70): BG036732.D (-1439) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.533 ng/mL

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

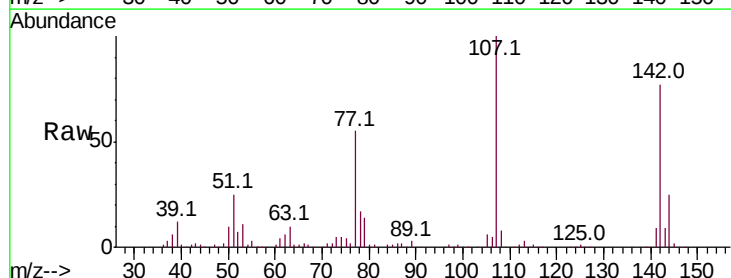
Tgt Ion:107 Resp: 226280

Ion Ratio Lower Upper

107 100

144 25.2 19.5 29.3

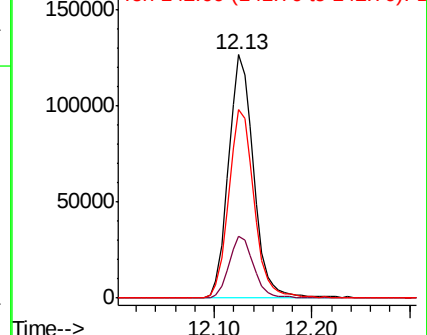
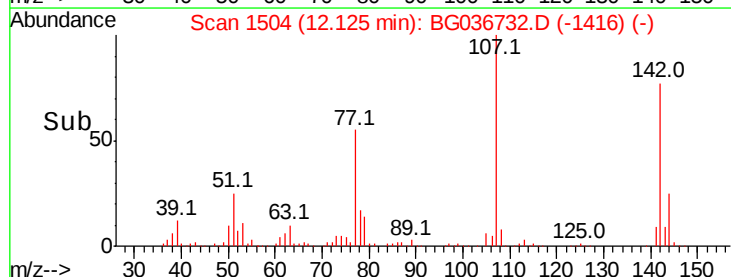
142 77.3 62.4 93.6

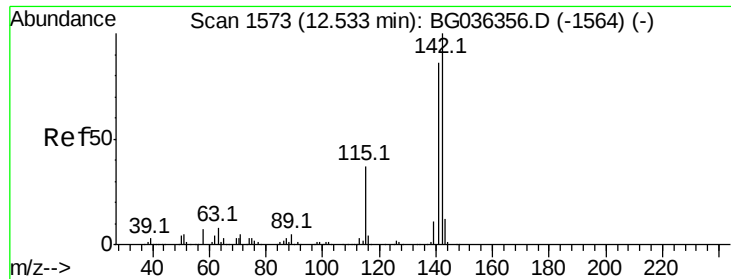


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





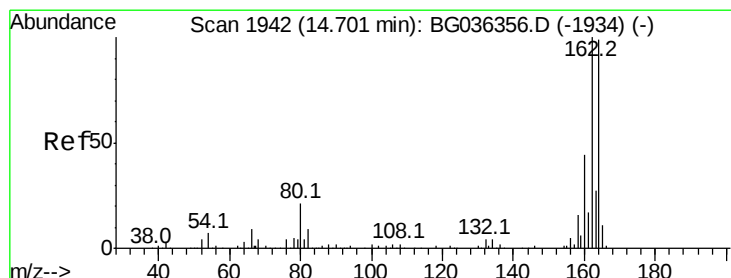
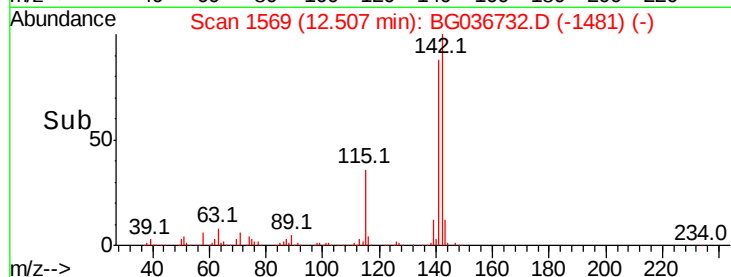
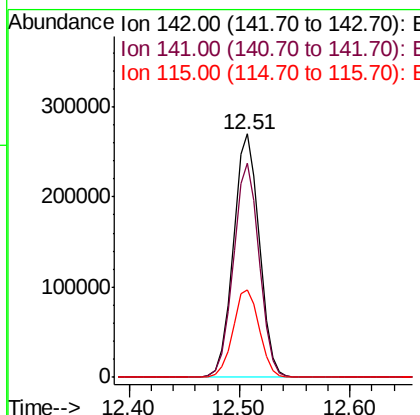
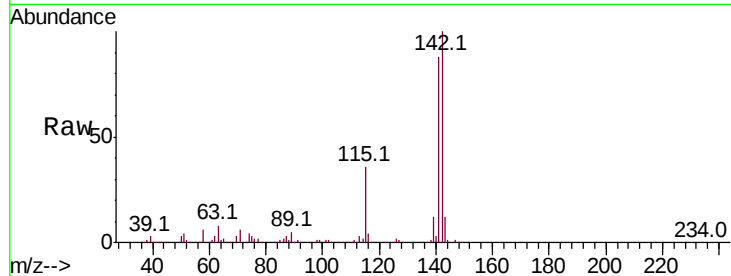
#37
2-Methylnaphthalene
Concen: 50.257 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	35.8	29.8	44.8

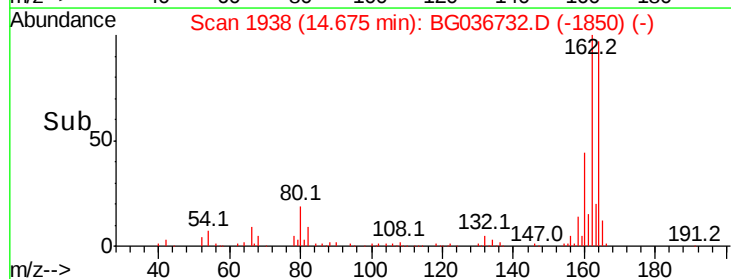
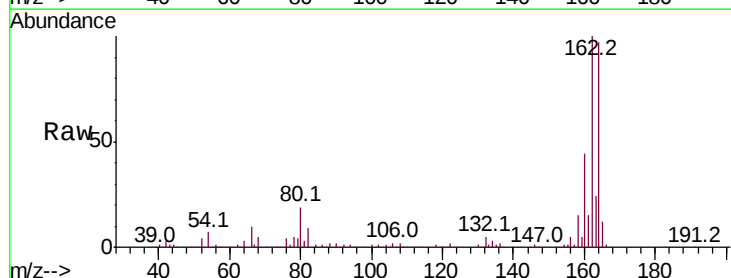
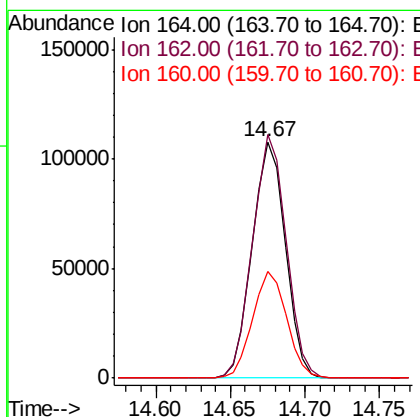
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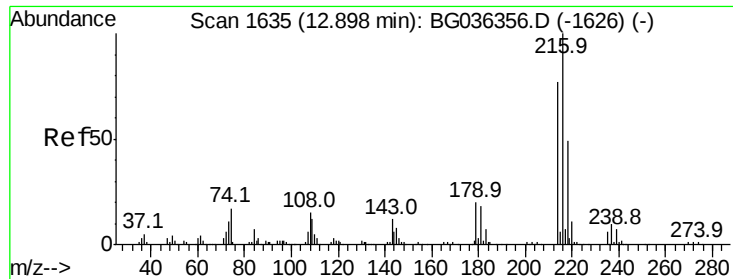
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.7	121.1
160	45.0	35.3	52.9





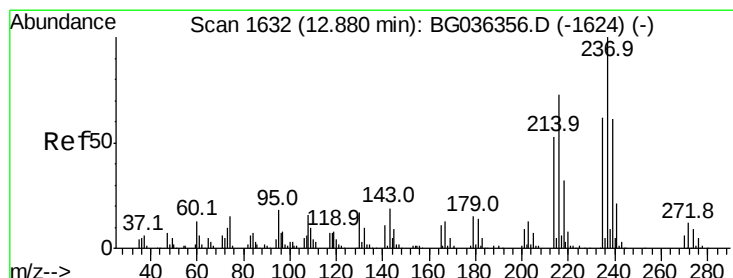
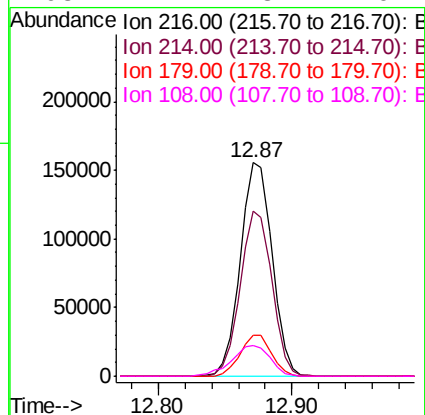
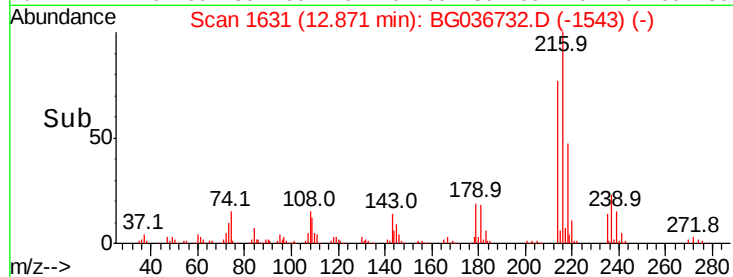
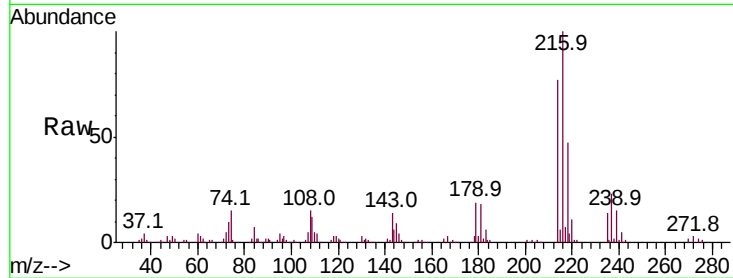
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.689 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	255214		
214	77.2	61.0	91.6	
179	19.0	15.7	23.5	
108	17.4	13.1	19.7	

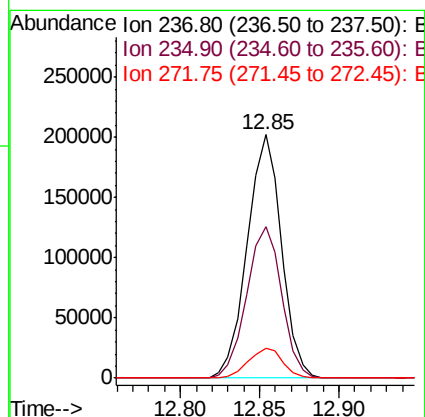
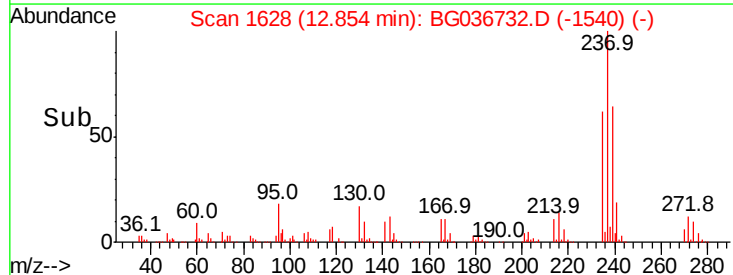
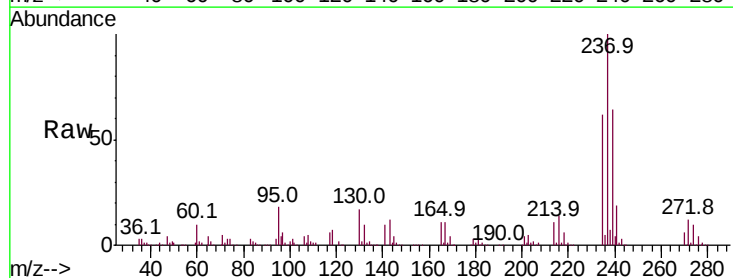
Manual Integrations
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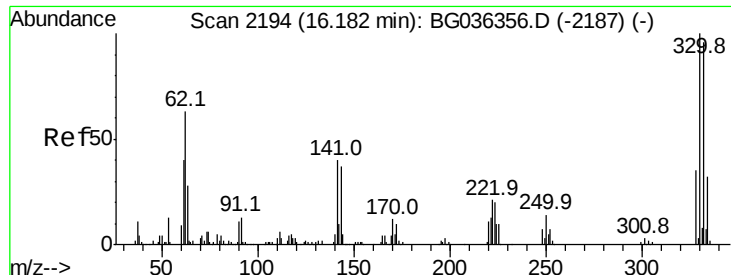
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#40
 Hexachlorocyclopentadiene
 Concen: 99.509 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	302448		
235	62.3	42.2	82.2	
272	12.4	0.0	32.1	





#41

2,4,6-Tribromophenol

Concen: 142.854 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

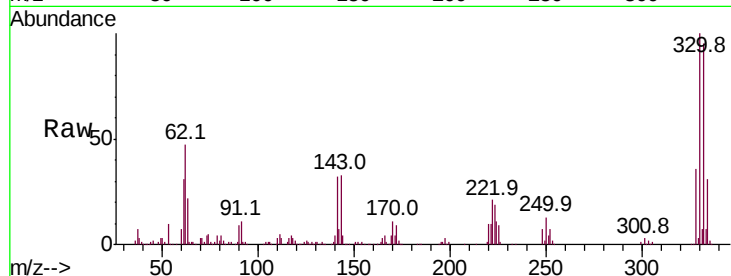
NB-08-091218MSD

Tot Ion:	330	Resp:	281373
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.4	113.2
141	35.4	30.7	46.1

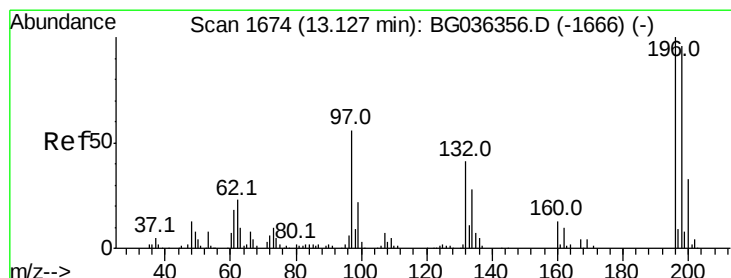
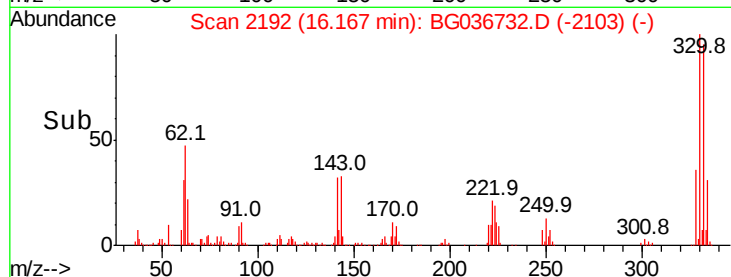
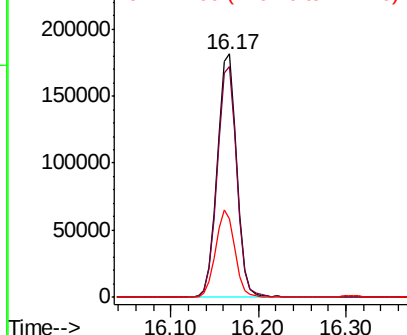
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 49.885 ng

RT: 13.11 min Scan# 1671

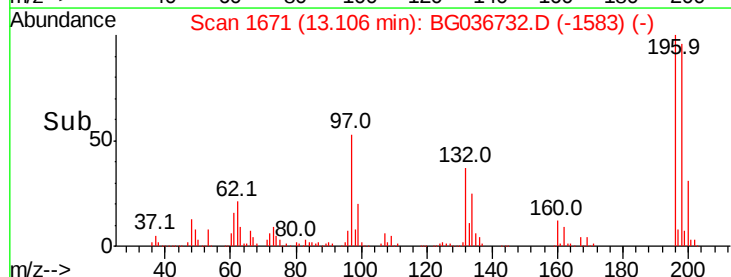
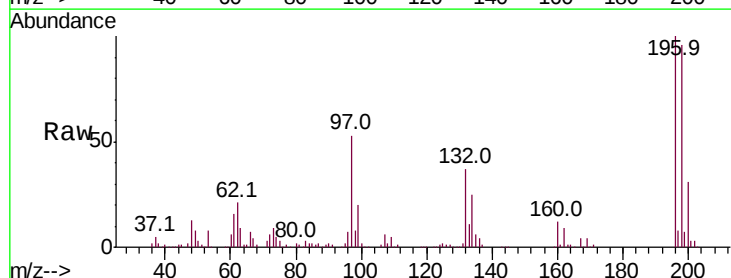
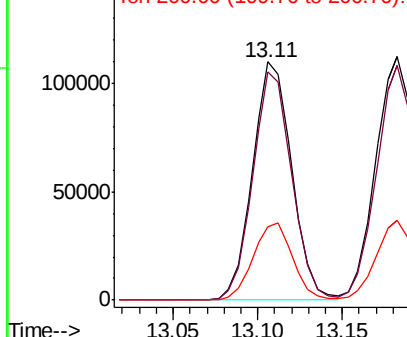
Delta R.T. -0.01 min

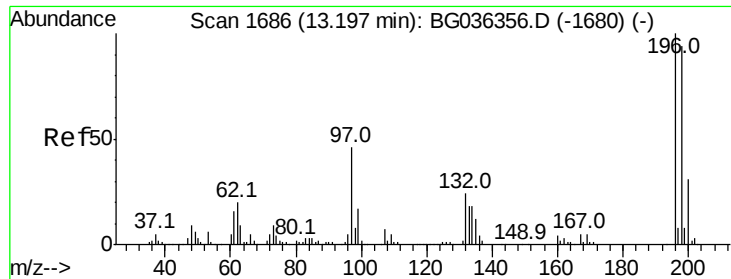
Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tgt Ion:	196	Resp:	177513
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.2	115.8
200	31.0	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





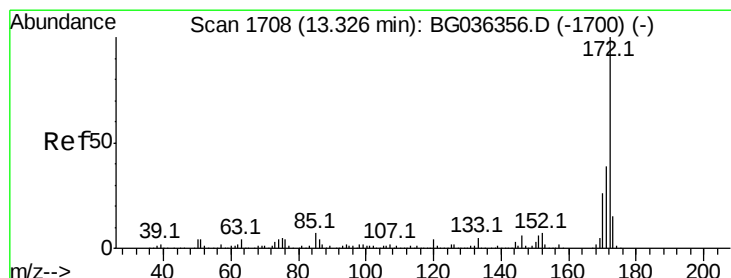
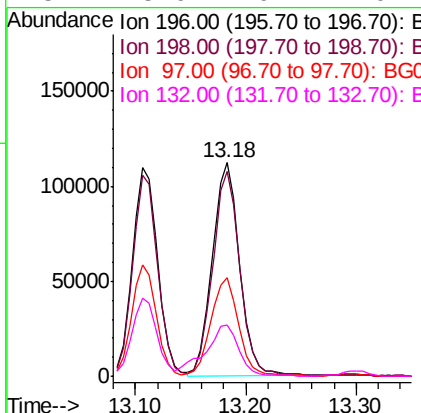
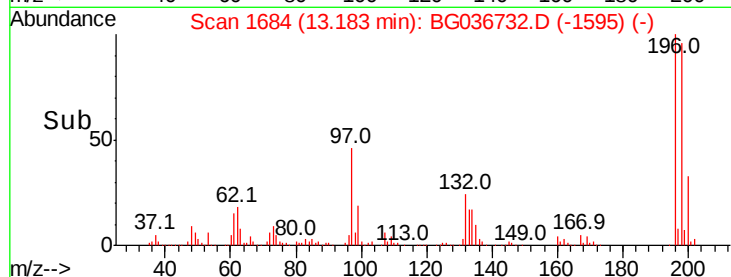
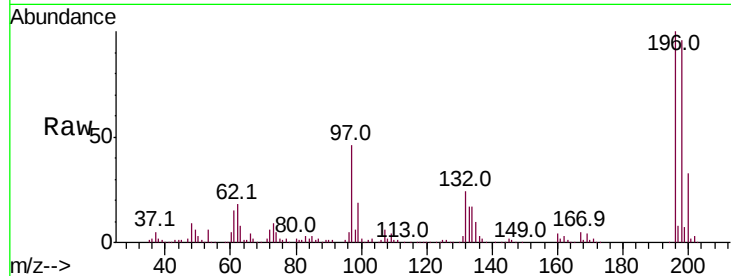
#43
 2,4,5-Trichlorophenol
 Concen: 50.359 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		191137		
198	96.2	75.6	113.4		
97	46.2	37.2	55.8		
132	23.9	19.4	29.2		

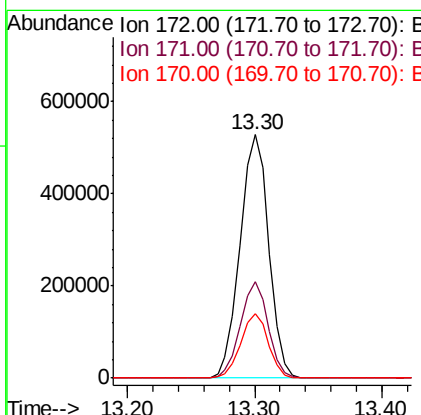
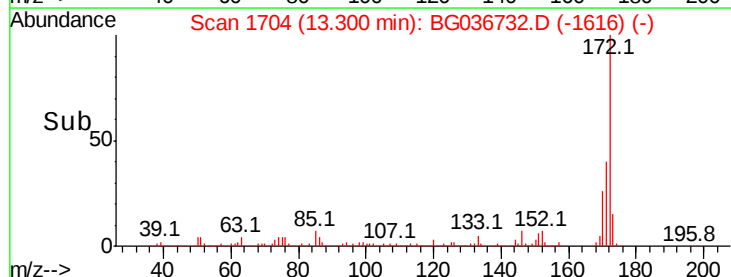
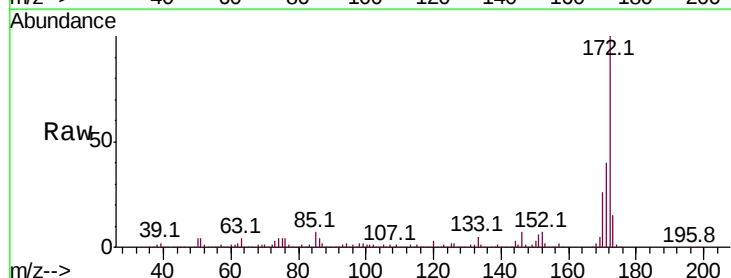
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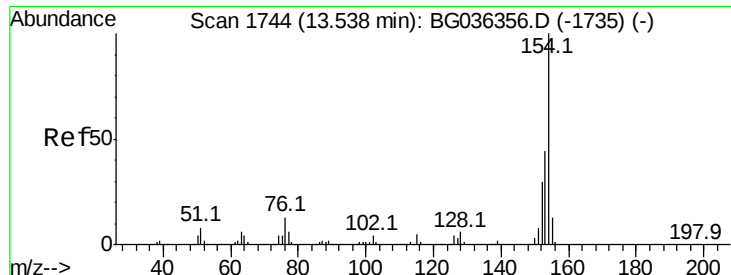
Sohil
 9/17/2018 2:36:17 PM



#44
 2-Fluorobiphenyl
 Concen: 71.594 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		827701		
171	39.6	31.3	46.9		
170	26.5	21.0	31.6		





#45

1,1'-Biphenyl

Concen: 42.121 ng

RT: 13.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

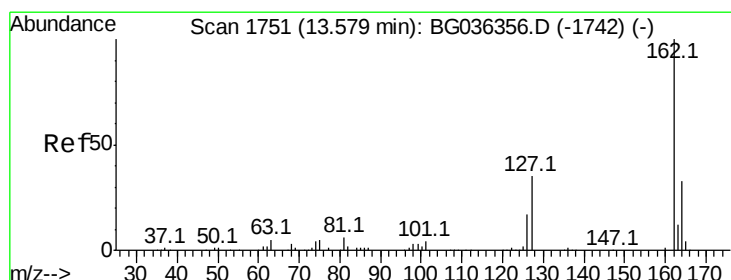
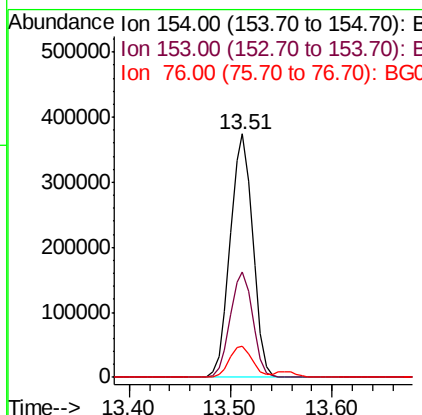
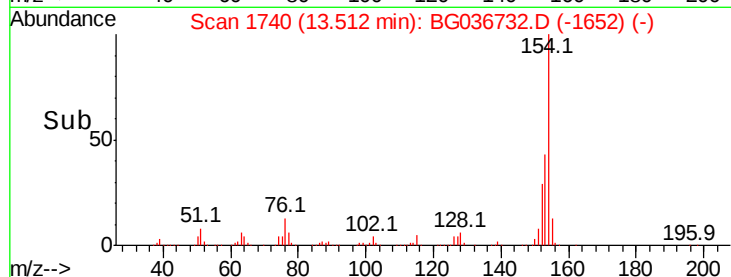
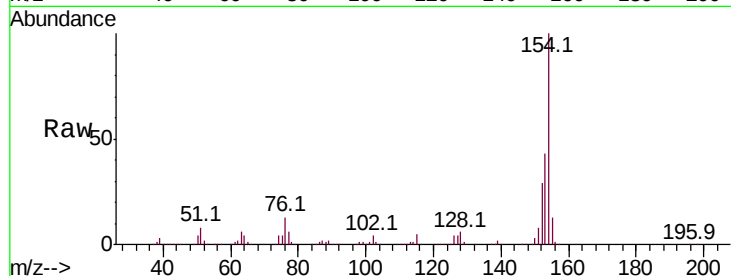
ClientSampleId :

NB-08-091218MSD

Tot Ion:	154	Resp:	577150
Ion Ratio	Lower	Upper	
154	100		
153	43.5	24.0	64.0
76	13.0	0.0	32.9

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#46

2-Chloronaphthalene

Concen: 42.777 ng

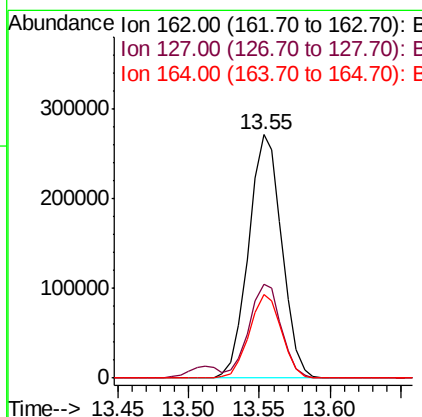
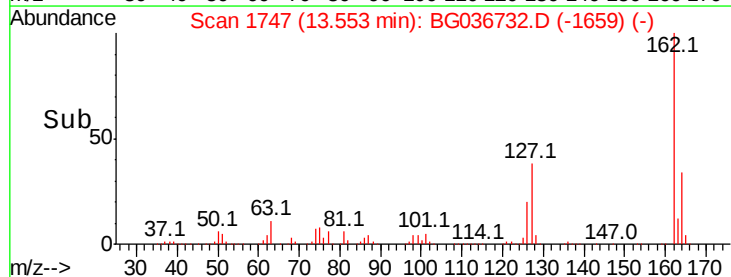
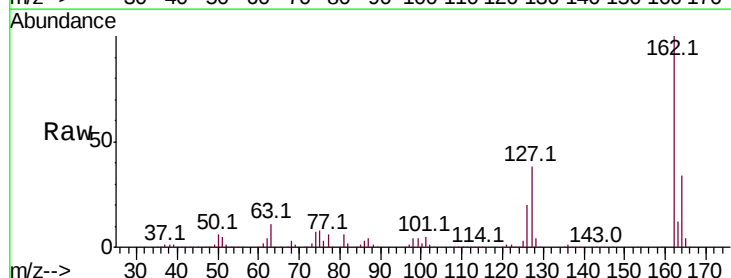
RT: 13.55 min Scan# 1747

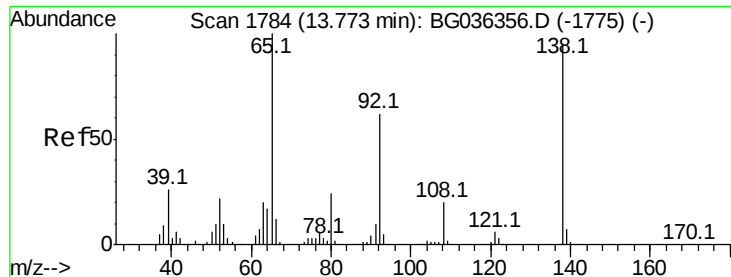
Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tgt Ion:	162	Resp:	447467
Ion Ratio	Lower	Upper	
162	100		
127	38.4	30.7	46.1
164	34.2	26.7	40.1





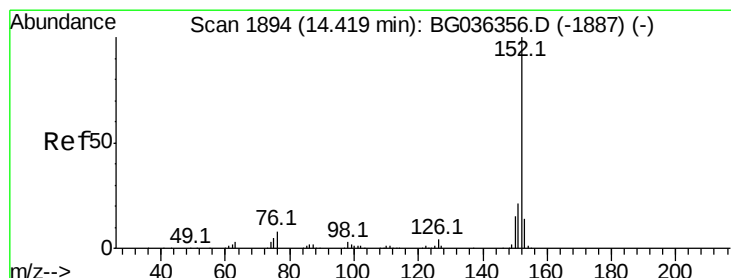
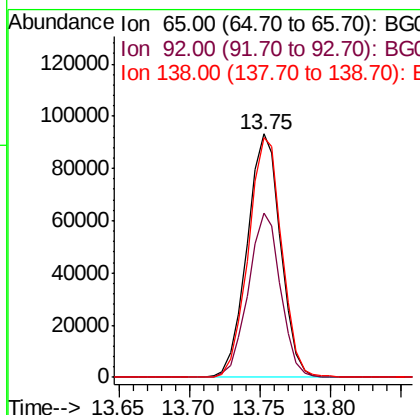
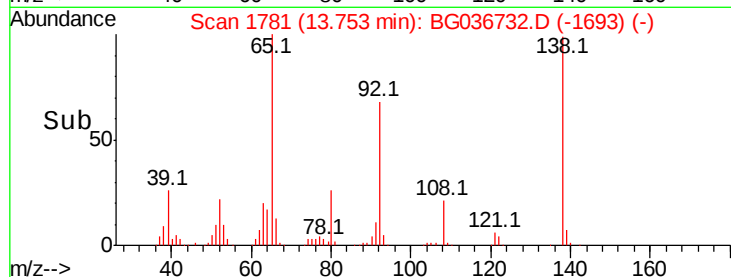
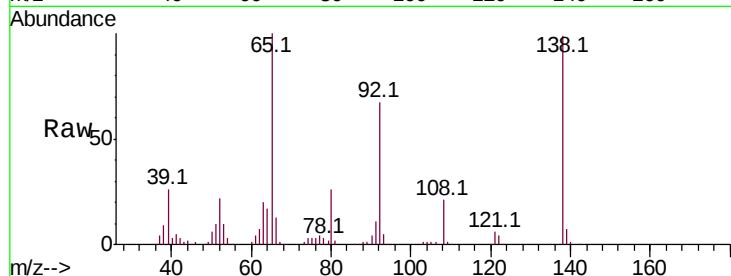
#47
2-Nitroaniline
Concen: 47.314 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	49.9	74.9
138	98.6	76.2	114.4

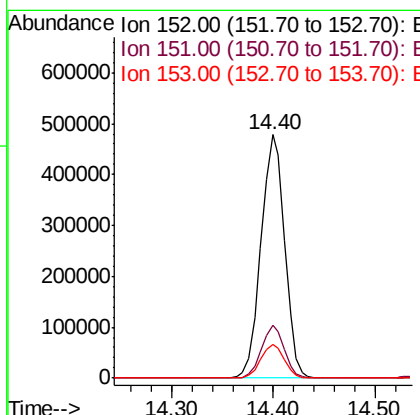
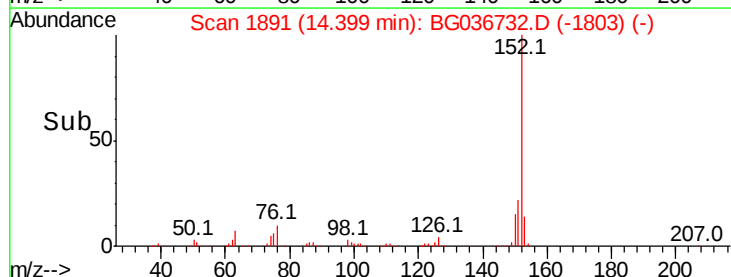
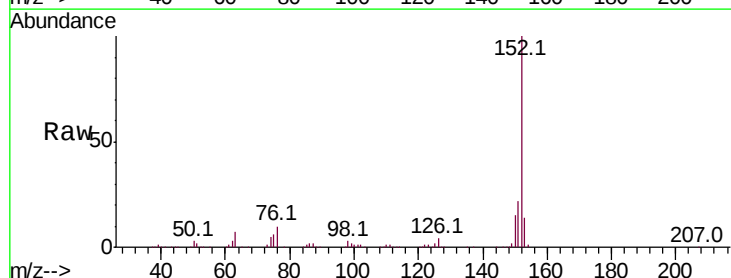
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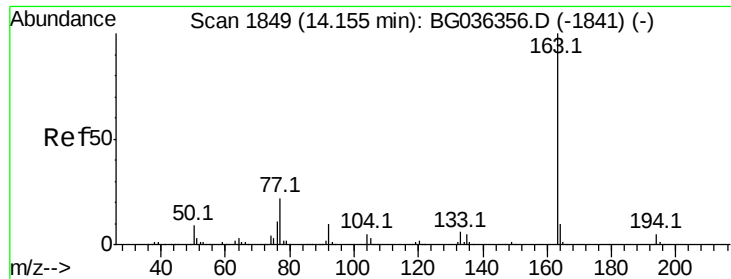
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#48
Acenaphthylene
Concen: 47.061 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.9	25.3
153	14.0	11.2	16.8





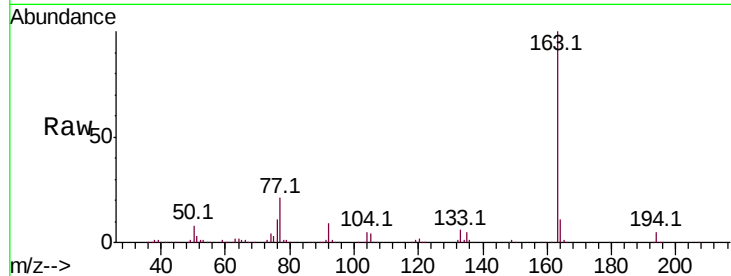
#49
Dimethylphthalate
Concen: 47.296 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	637504		
194	5.2	4.0	6.0	
164	10.7	8.1	12.1	

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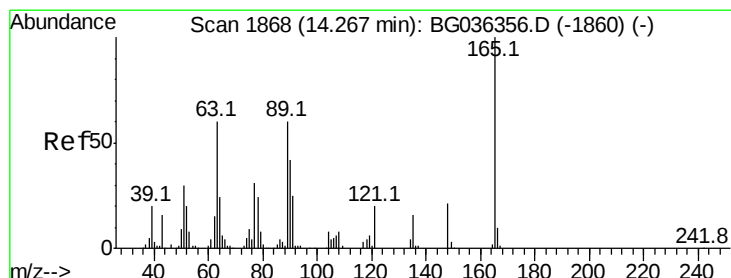
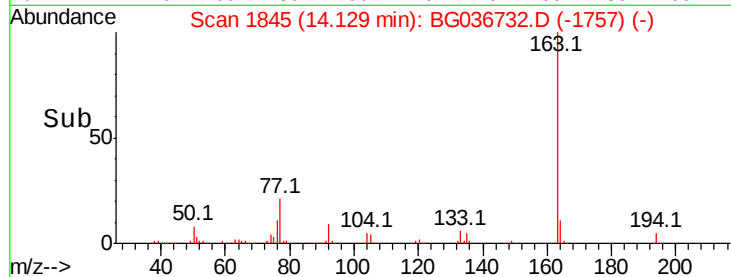
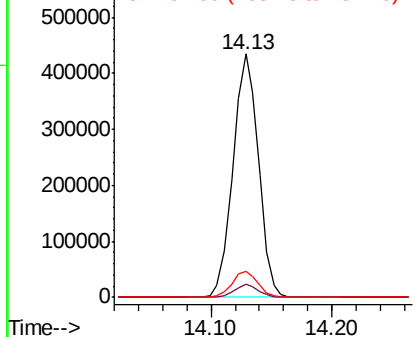


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 50.903 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

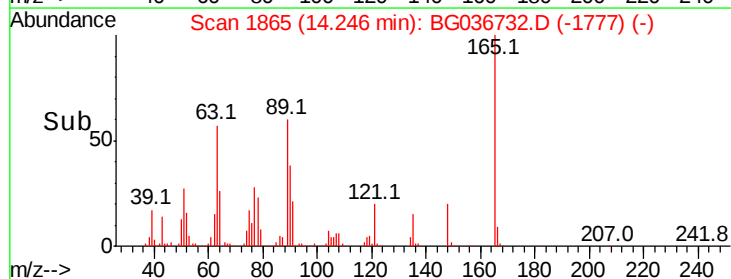
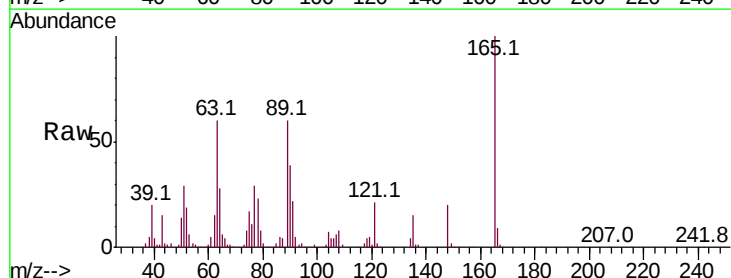
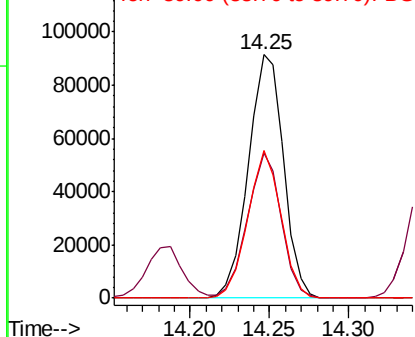
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141184		
63	59.6	50.1	75.1	
89	60.4	47.8	71.6	

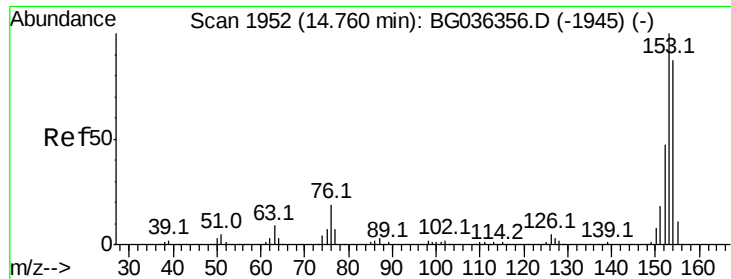
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 43.855 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tot Ion:154 Resp: 459157

Ion Ratio Lower Upper

154 100

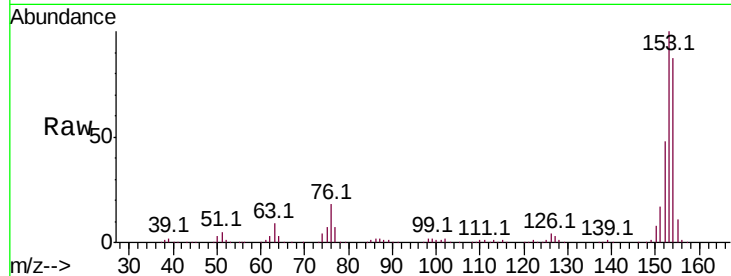
153 114.7 91.8 137.6

152 55.2 43.5 65.3

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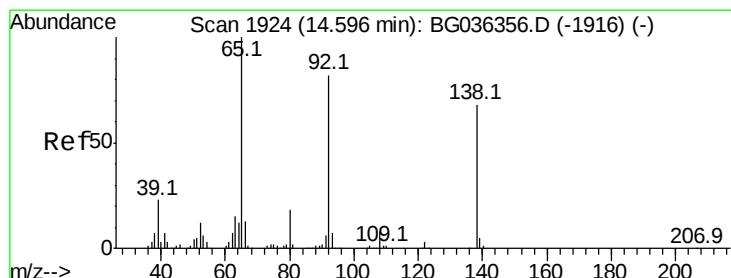
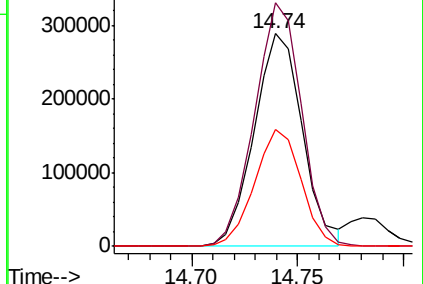
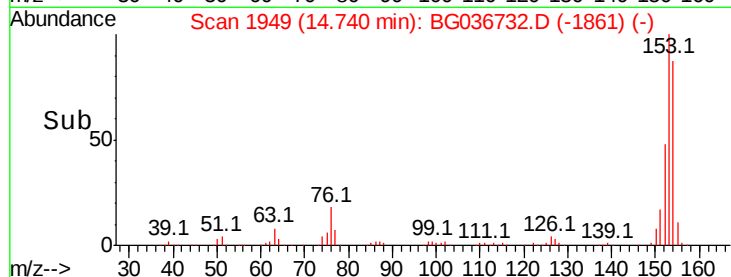
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.696 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

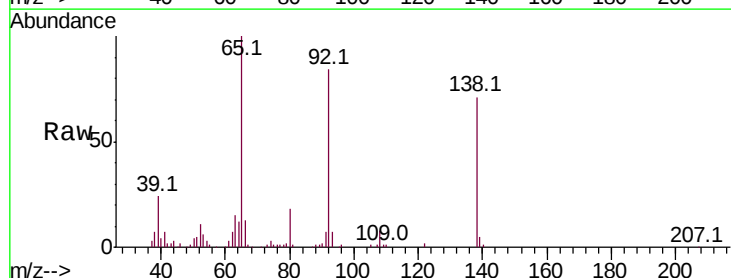
Tgt Ion:138 Resp: 52891

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.2

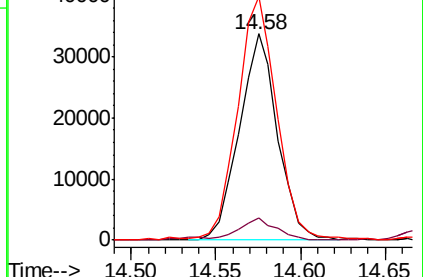
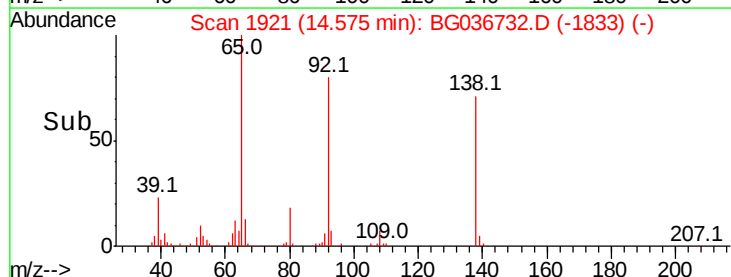
92 118.2 96.8 145.2

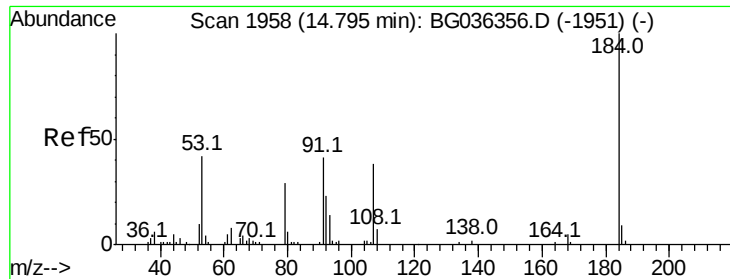


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





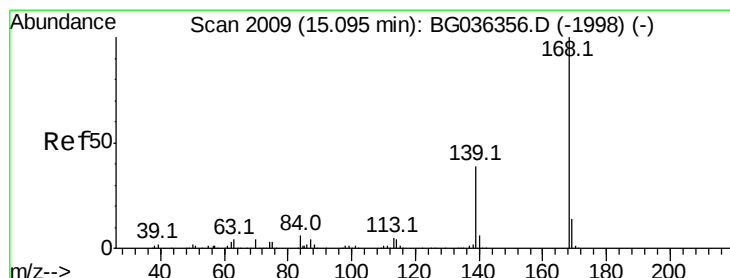
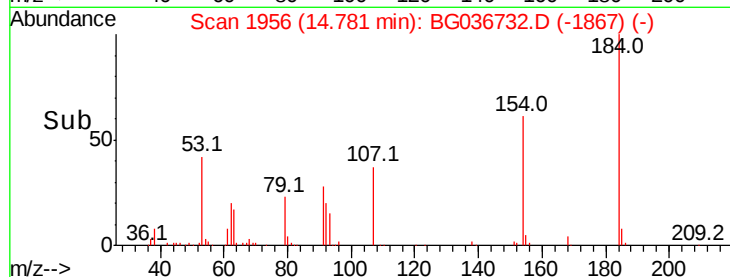
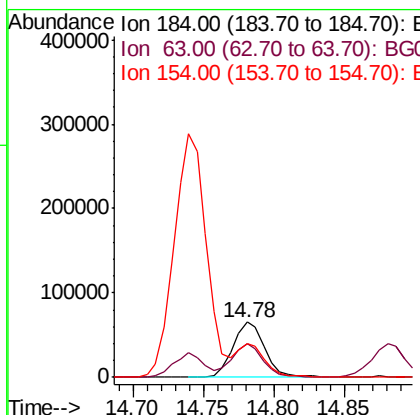
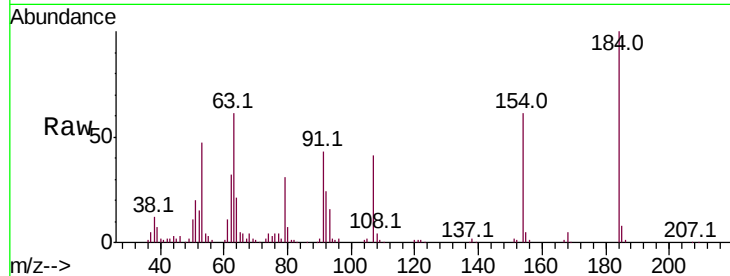
#53
 2,4-Dinitrophenol
 Concen: 97.997 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.6	47.3	70.9	
154	60.6	51.1	76.7	

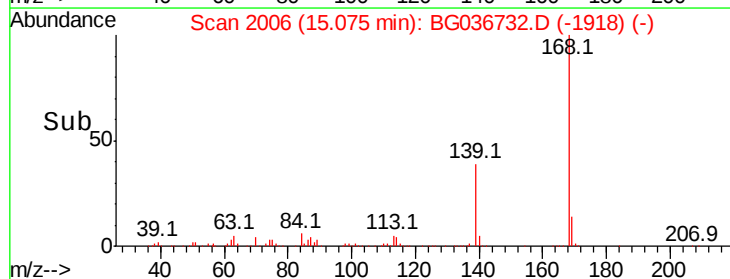
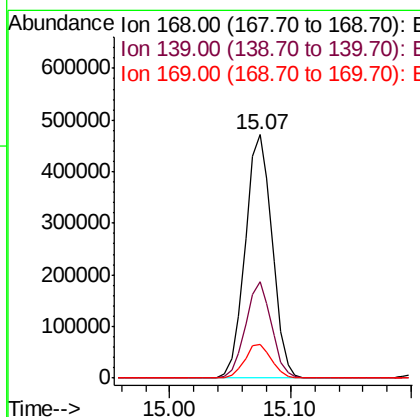
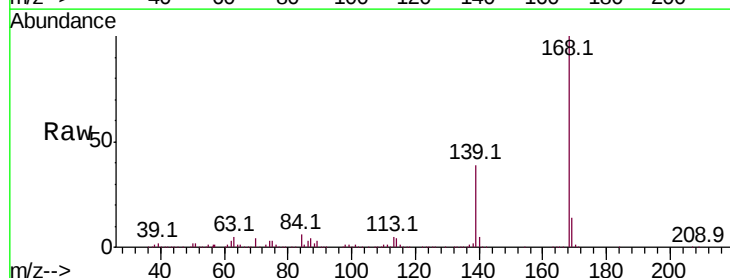
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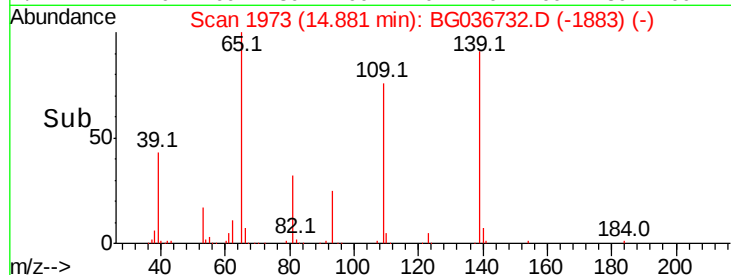
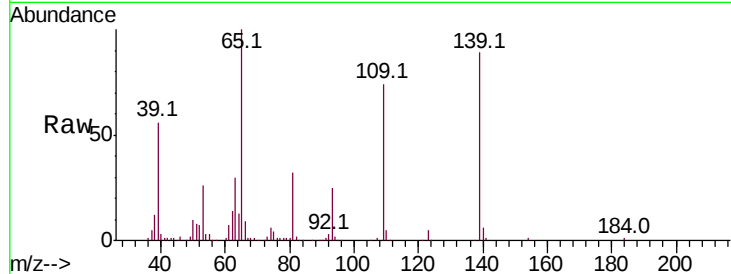
Sohil
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#54
 Dibenzofuran
 Concen: 44.678 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	31.0	46.6	
169	14.0	11.1	16.7	





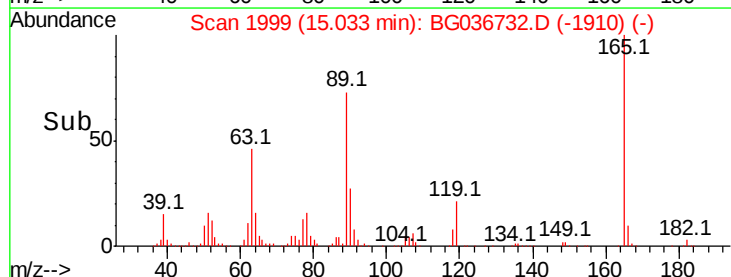
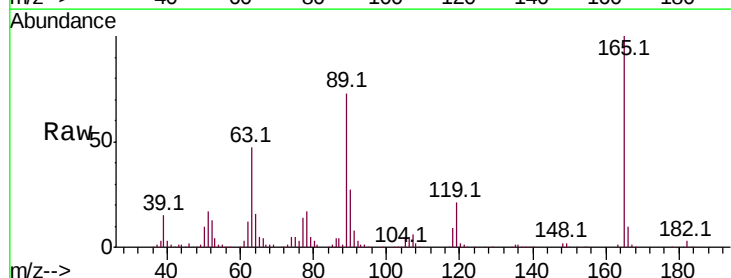
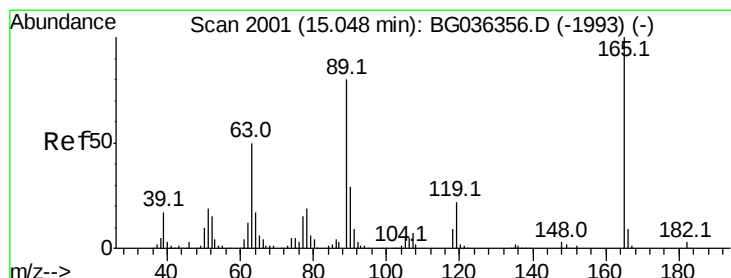
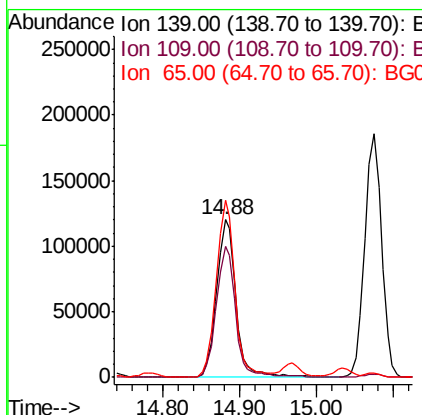
#55
4-Nitrophenol
Concen: 85.502 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	83.2	63.9	103.9	
65	112.1	90.0	130.0	

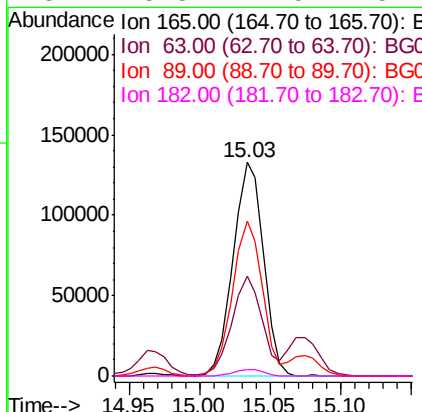
Manual Integrations
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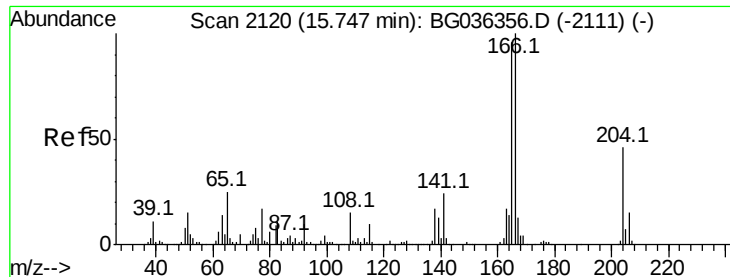
Sohil
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#56
2,4-Dinitrotoluene
Concen: 55.103 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.6	40.1	60.1	
89	72.5	63.7	95.5	
182	3.3	2.5	3.7	





#57

Fluorene

Concen: 48.702 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tot Ion:166 Resp: 597195

Ion Ratio Lower Upper

166 100

165 100.2 77.0 115.4

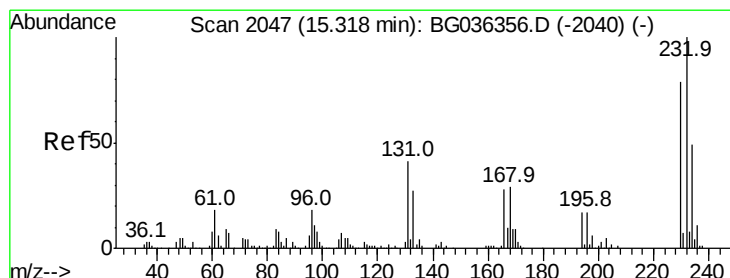
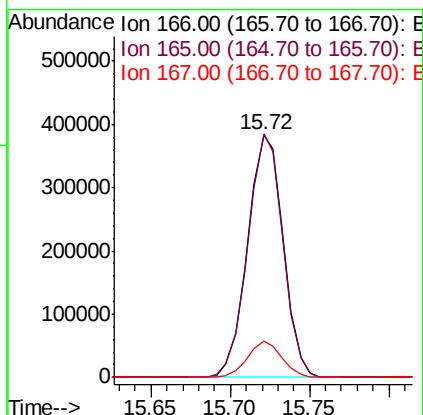
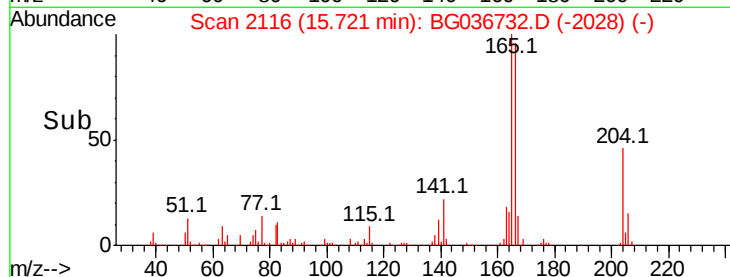
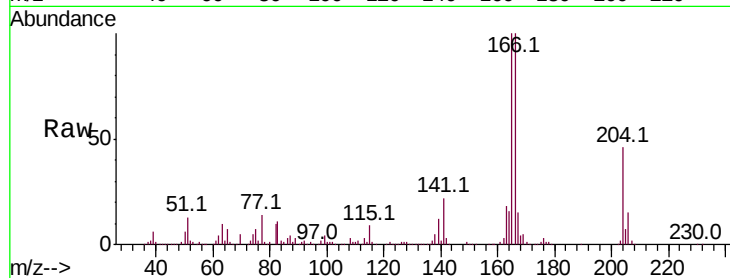
167 15.1 10.6 16.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.690 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tgt Ion:232 Resp: 195025

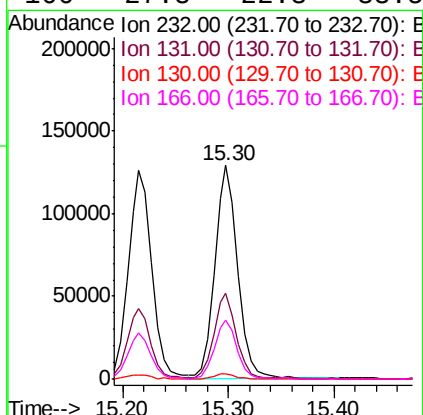
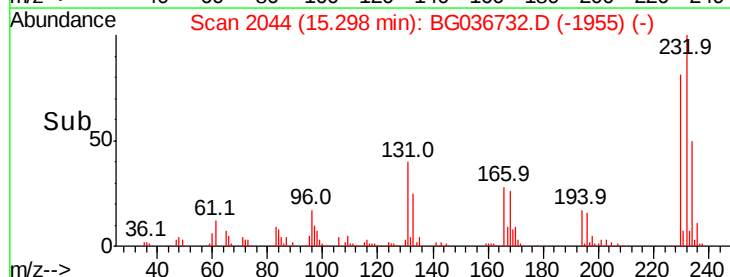
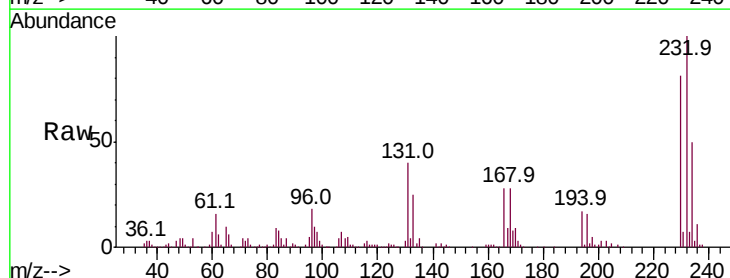
Ion Ratio Lower Upper

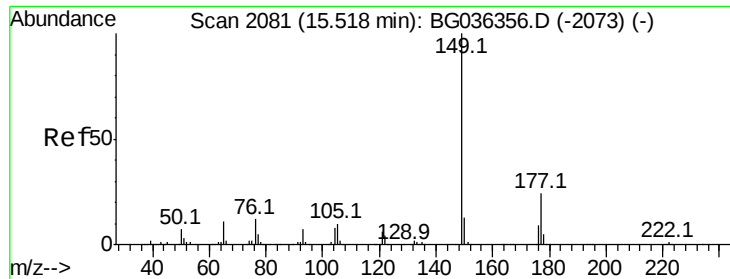
232 100

131 39.4 33.8 50.8

130 2.5 2.1 3.1

166 27.8 22.3 33.5





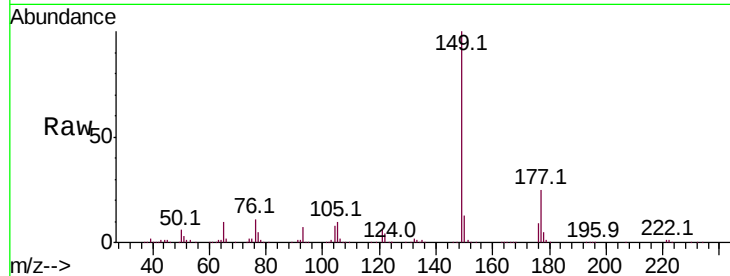
#59
Diethylphthalate
Concen: 45.861 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.1	28.7
150	13.0	10.7	16.1

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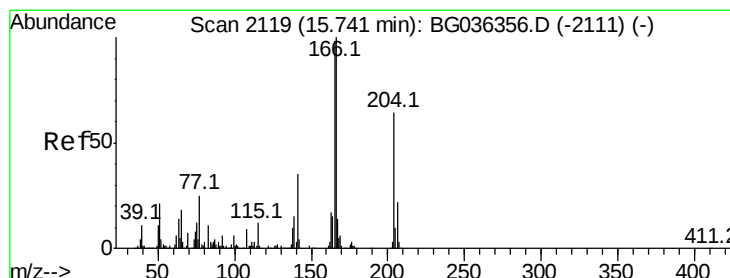
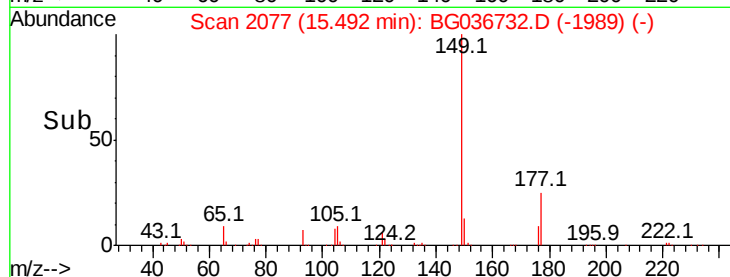
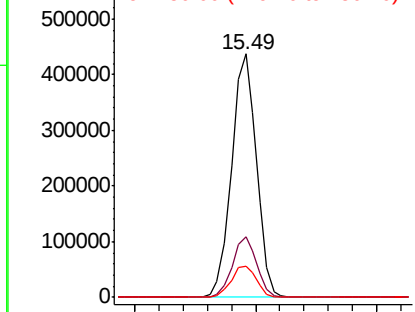


Abundance

Ion 149.00 (148.70 to 149.70): E

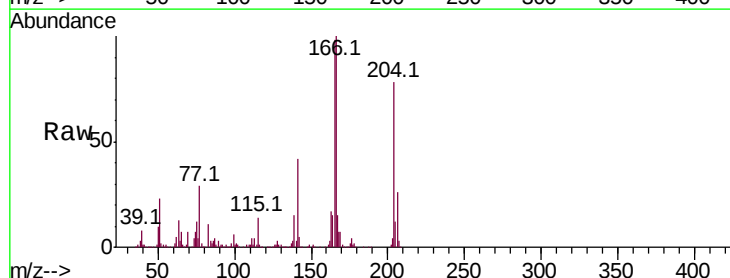
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 45.293 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.0	40.4
141	53.7	43.8	65.6

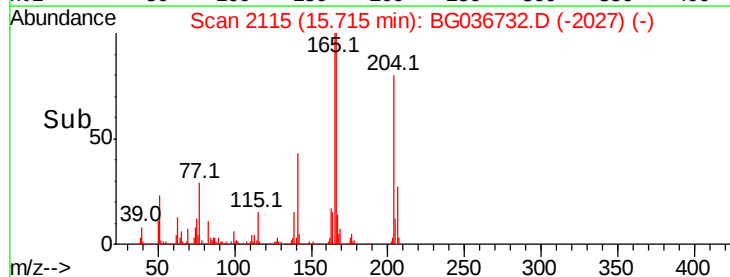
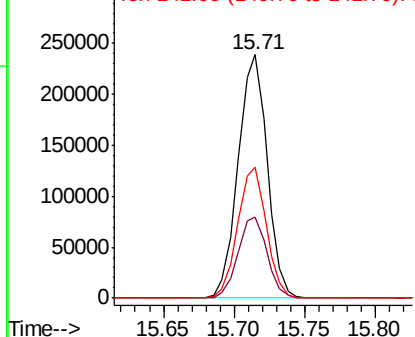


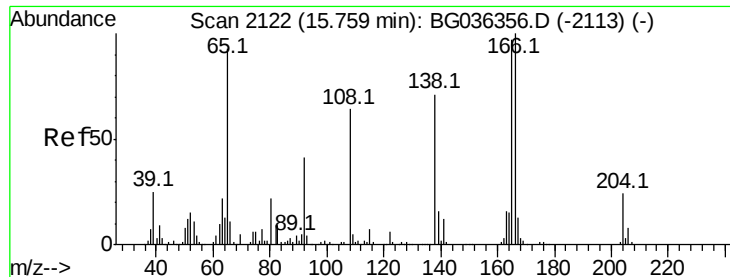
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





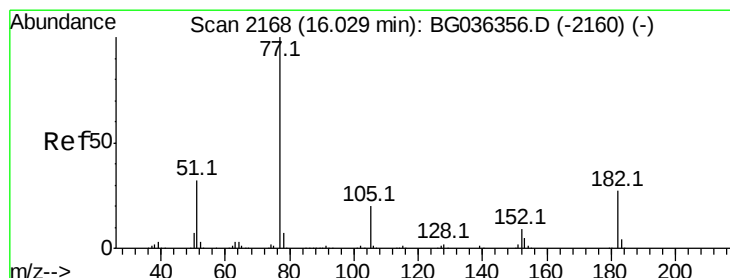
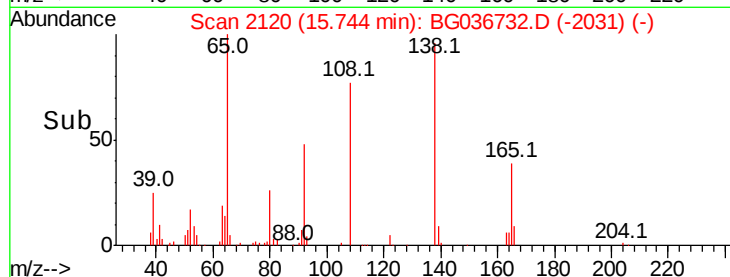
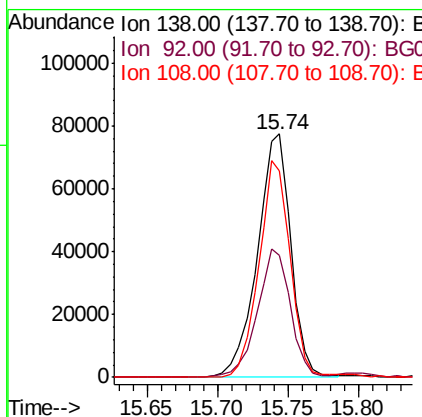
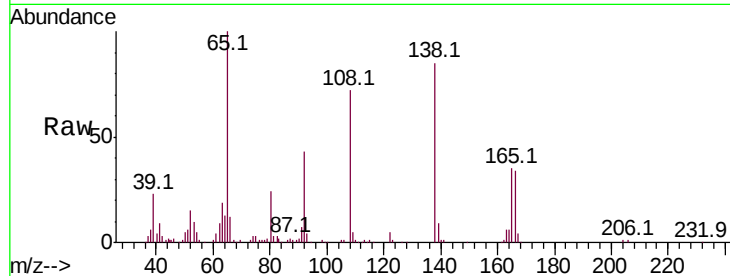
#61
4-Nitroaniline
Concen: 41.243 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.3	38.5	78.5
108	84.7	70.3	110.3

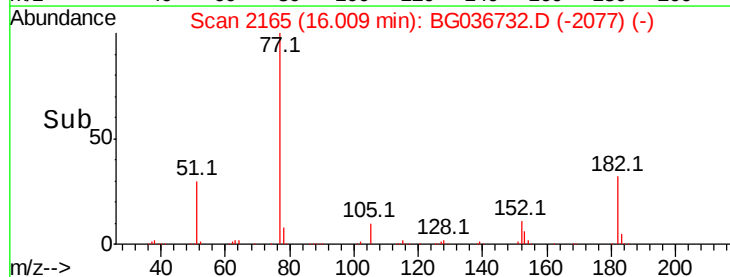
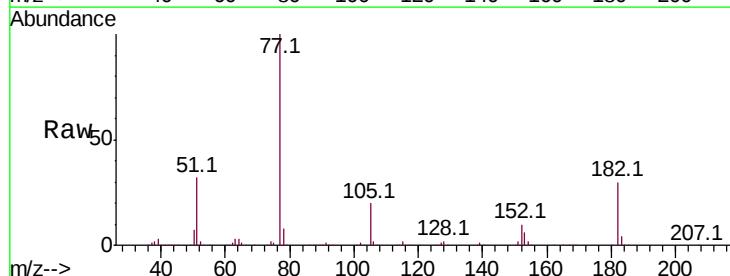
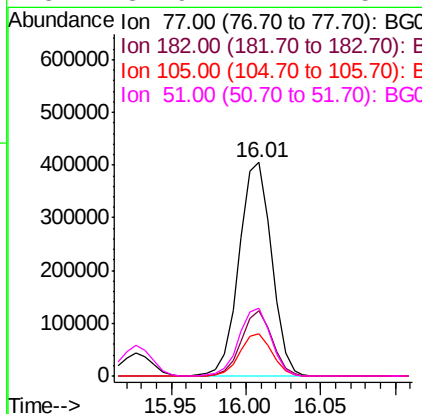
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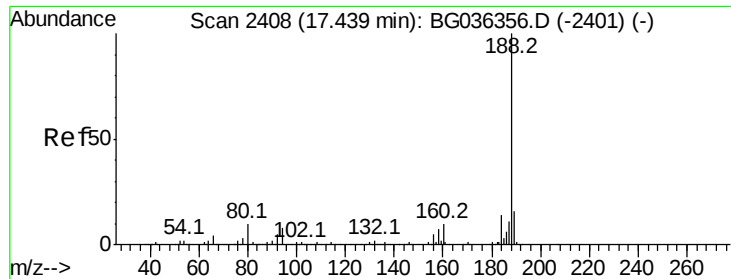
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#62
Azobenzene
Concen: 43.964 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.4	6.7	46.7
105	20.0	0.0	39.8
51	31.9	12.4	52.4





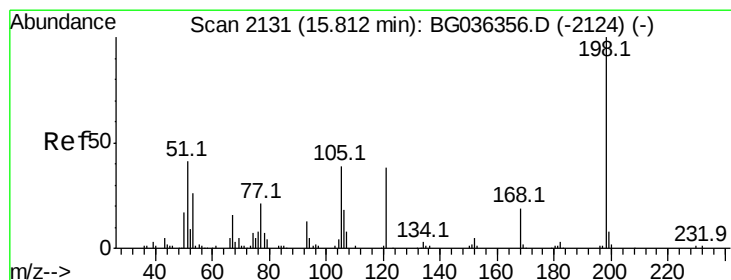
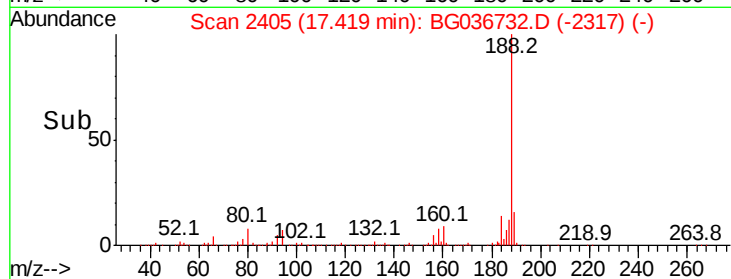
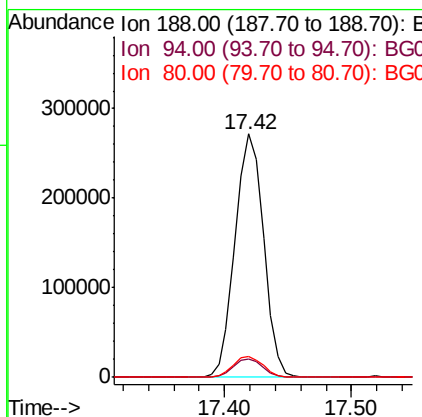
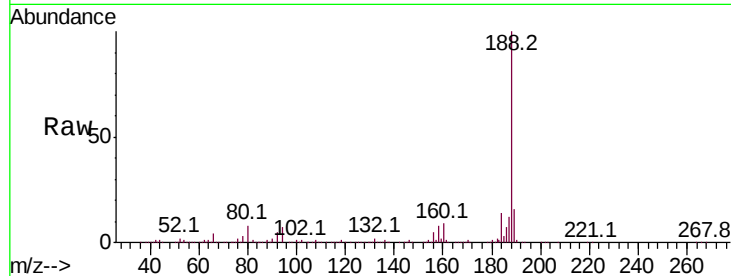
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	423758		
94	7.4		6.7	10.1
80	8.5		8.1	12.1

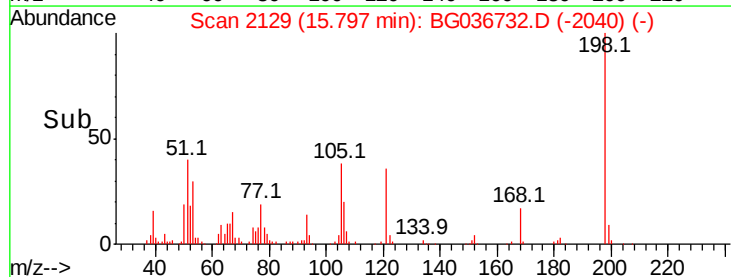
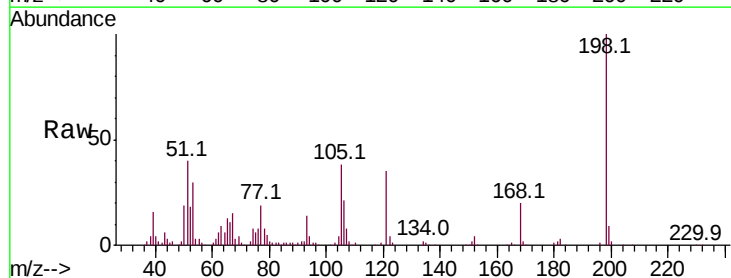
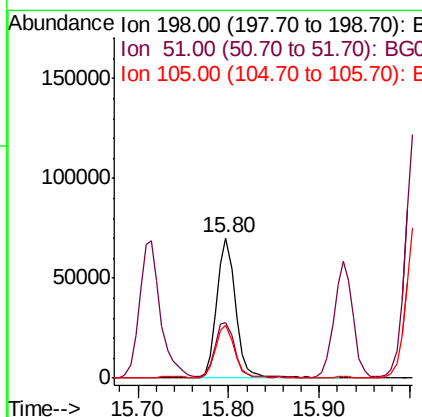
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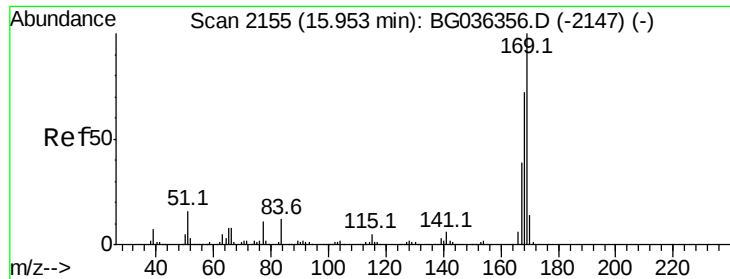
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#64
4,6-Dinitro-2-methylphenol
Concen: 54.488 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101429		
51	39.8		26.5	66.5
105	37.7		20.2	60.2





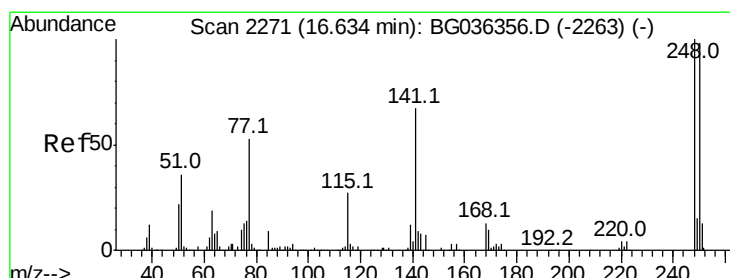
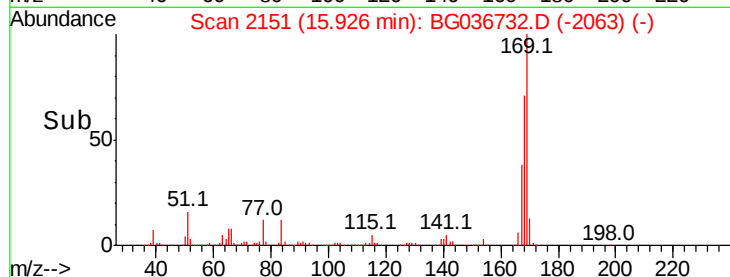
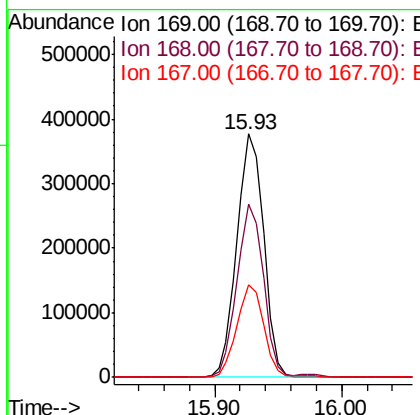
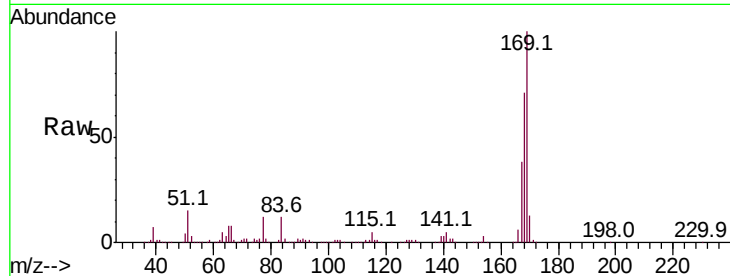
#65
n-Nitrosodiphenylamine
Concen: 43.975 ng
RT: 15.93 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.0	57.6	86.4
167	37.9	31.0	46.4

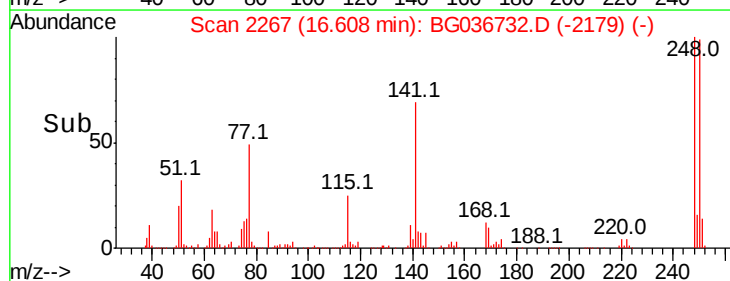
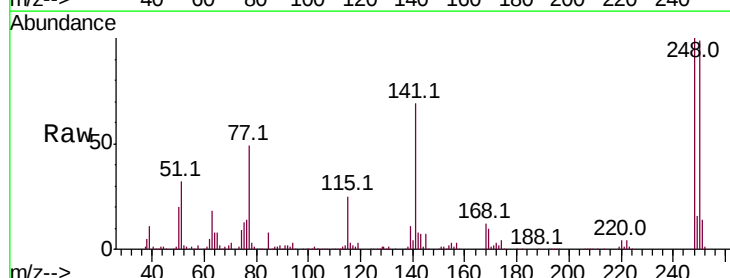
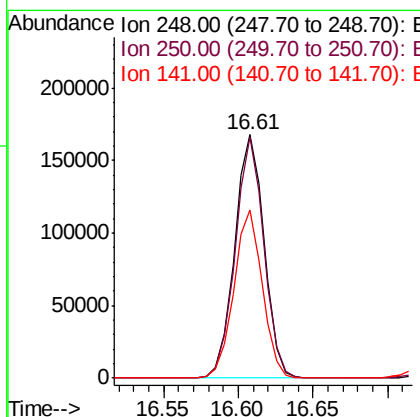
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#66
4-Bromophenyl-phenylether
Concen: 46.243 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.1	117.1
141	68.8	53.7	80.5





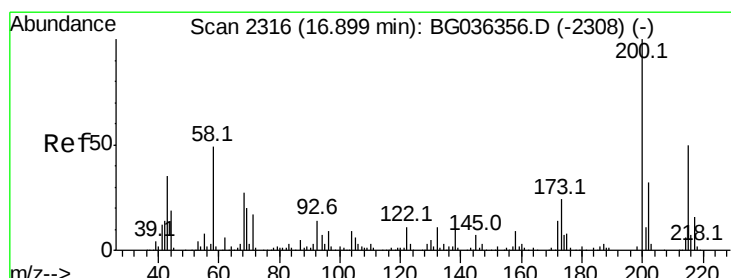
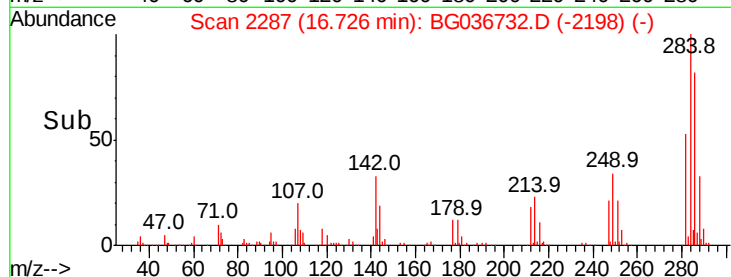
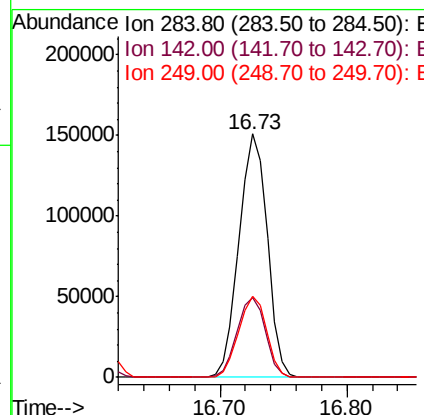
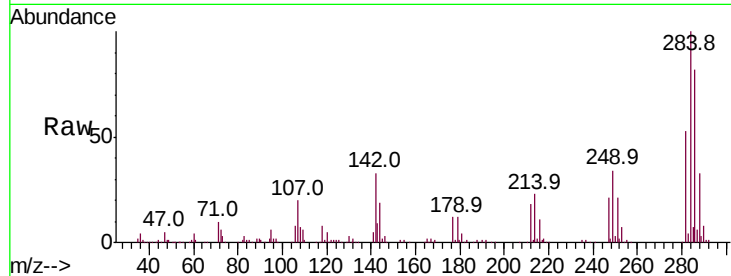
#67
Hexachlorobenzene
Concen: 45.915 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.6	27.8	41.6
249	33.5	27.4	41.2

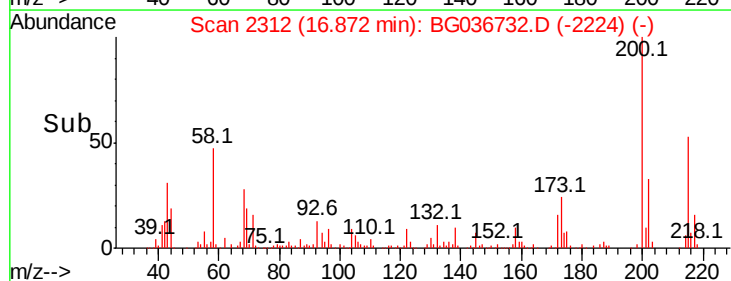
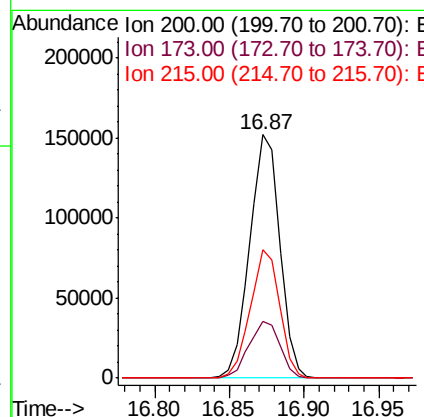
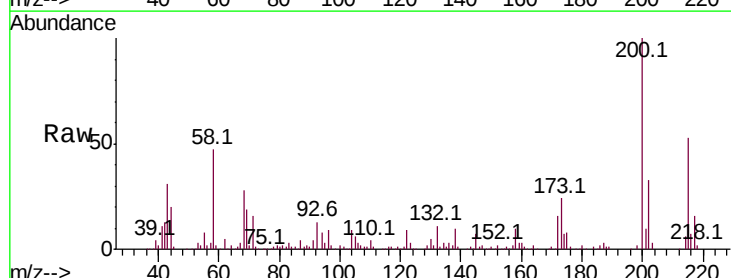
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#68
Atrazine
Concen: 44.678 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	3.9	43.9
215	52.5	30.4	70.4





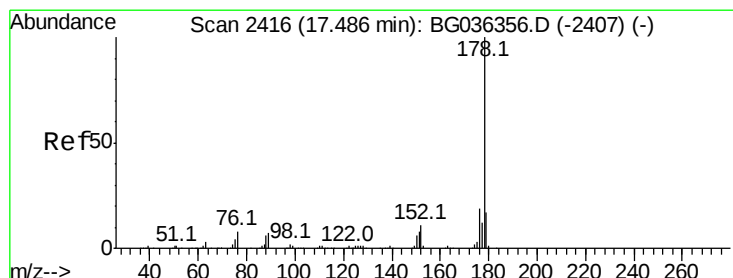
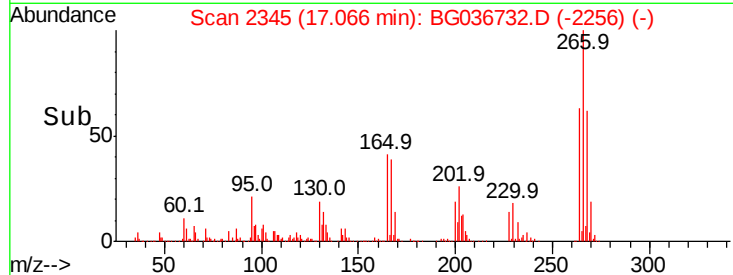
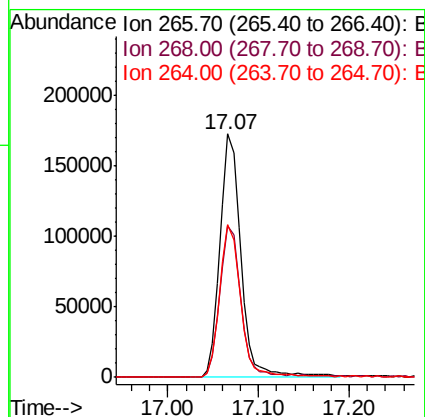
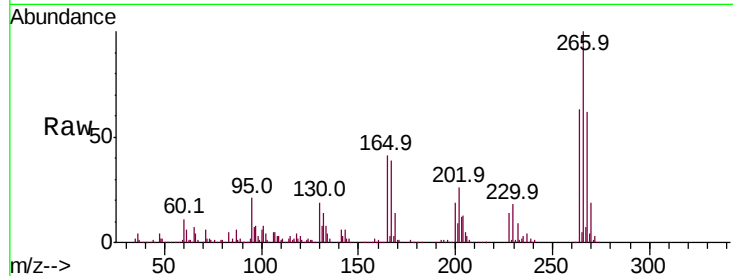
#69
 Pentachlorophenol
 Concen: 80.787 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion:	266	Resp:	278544
Ion Ratio	Lower	Upper	
266	100		
268	62.2	51.4	77.2
264	62.8	48.9	73.3

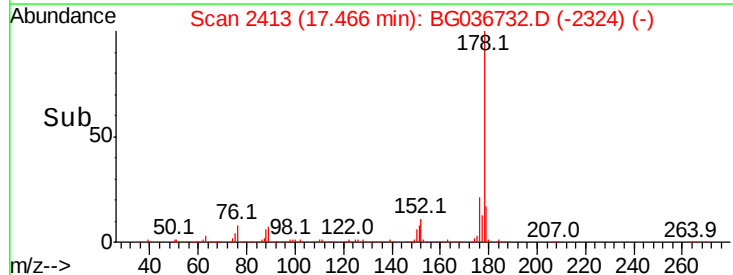
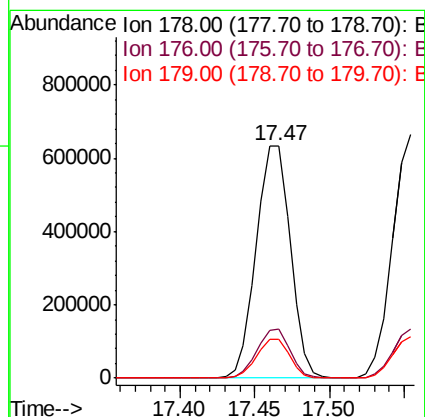
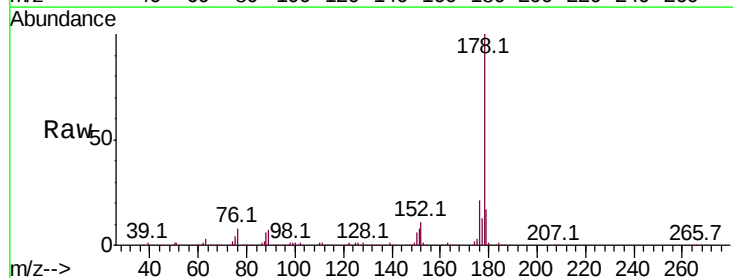
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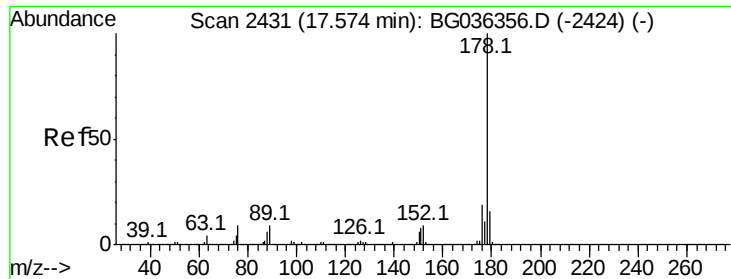
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#70
 Phenanthrene
 Concen: 46.643 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion:	178	Resp:	1004335
Ion Ratio	Lower	Upper	
178	100		
176	21.0	15.4	23.2
179	16.7	13.4	20.2





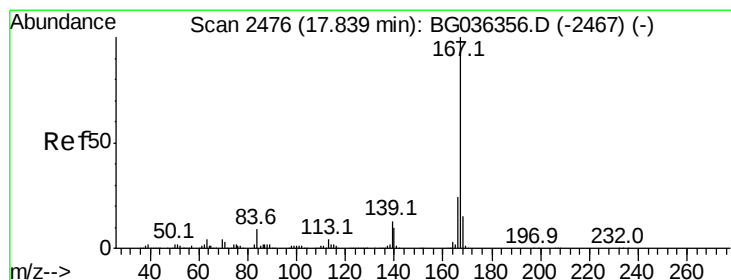
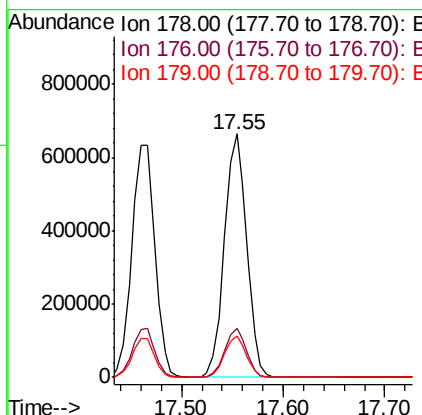
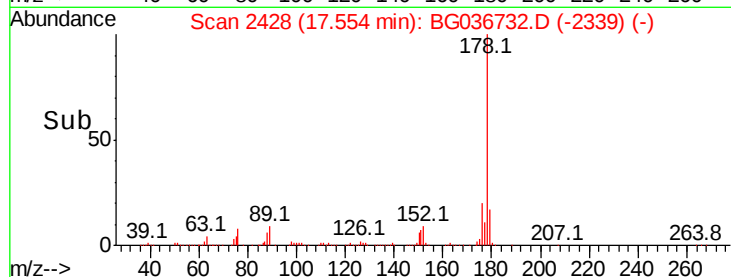
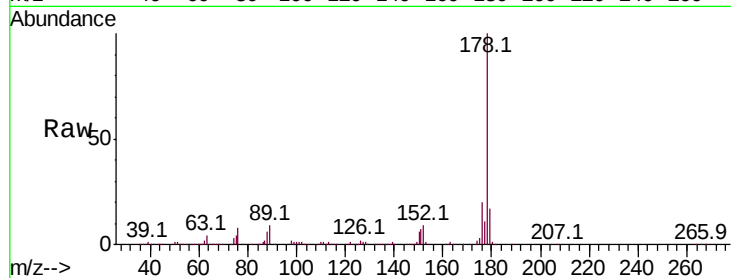
#71
 Anthracene
 Concen: 47.078 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion:178 Resp: 1010484
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 17.1 13.0 19.4

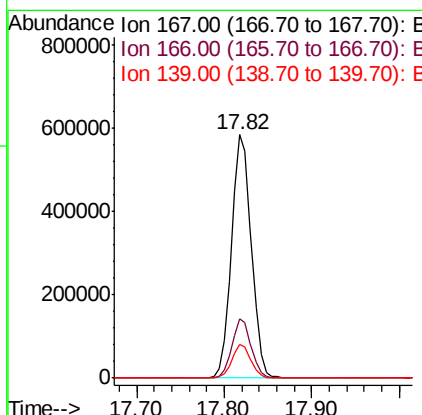
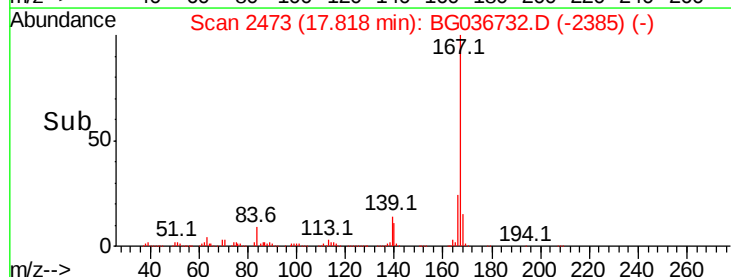
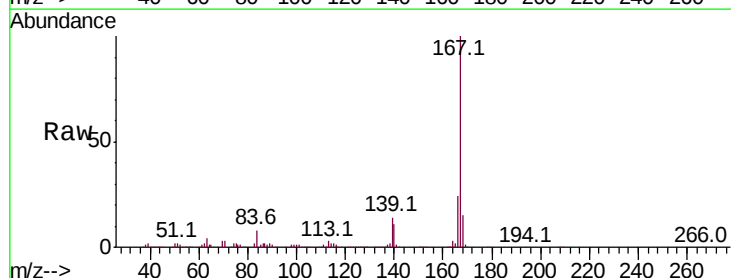
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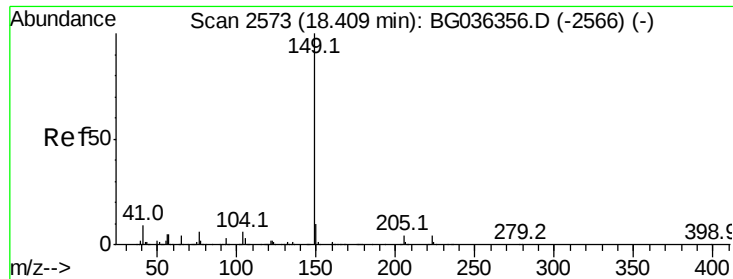
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#72
 Carbazole
 Concen: 41.948 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion:167 Resp: 899194
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.5 29.3
 139 13.8 10.7 16.1





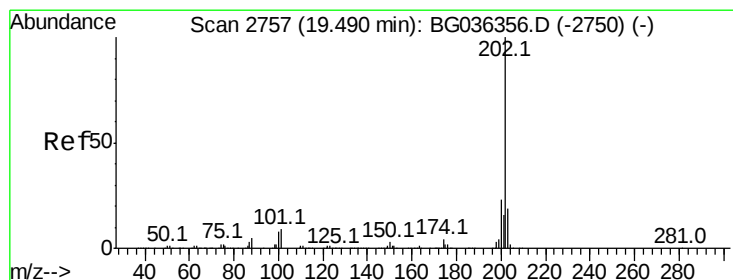
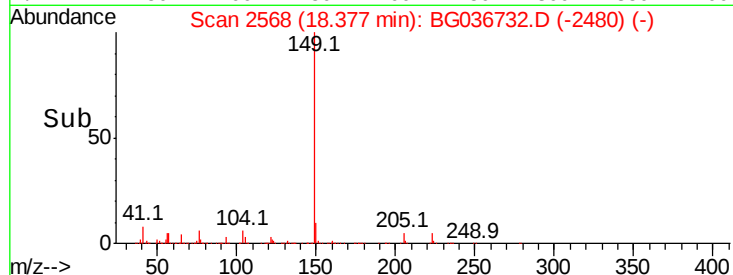
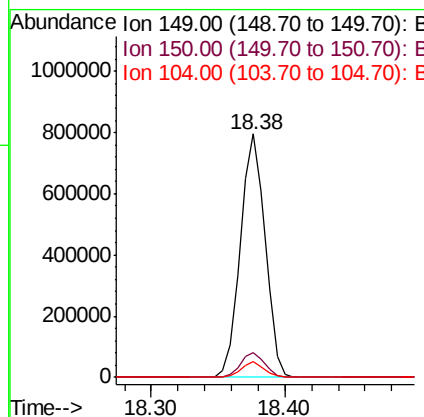
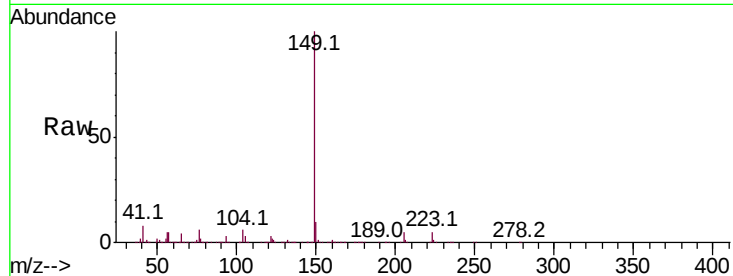
#73
Di-n-butylphthalate
Concen: 42.672 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.3	4.6	6.8

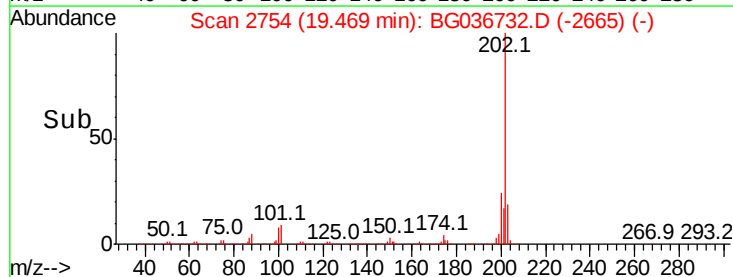
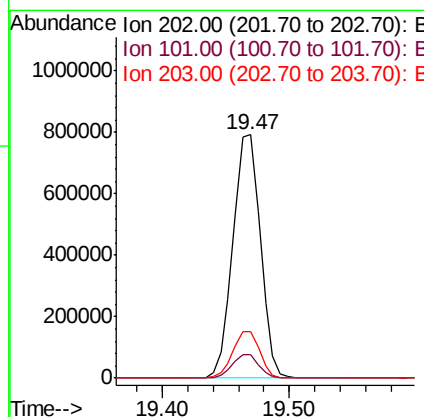
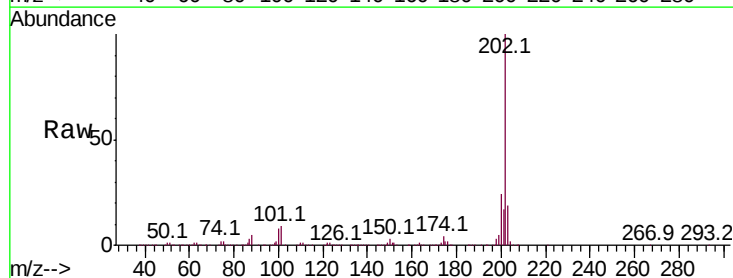
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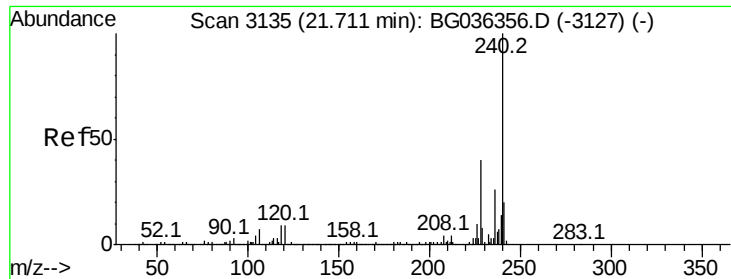
Sohil
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#74
Fluoranthene
Concen: 45.043 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.4
203	19.1	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Tot Ion:240 Resp: 405748

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

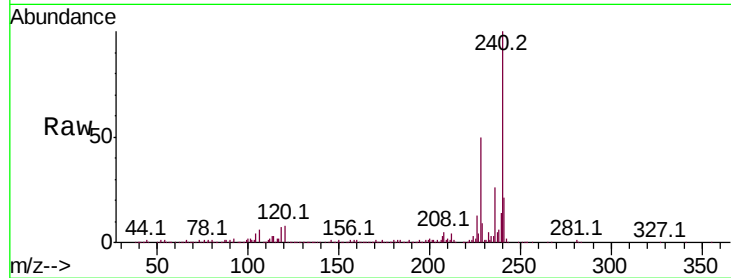
236 25.8 21.2 31.8

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Sohil

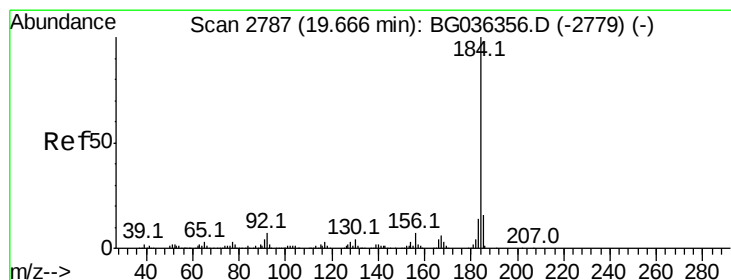
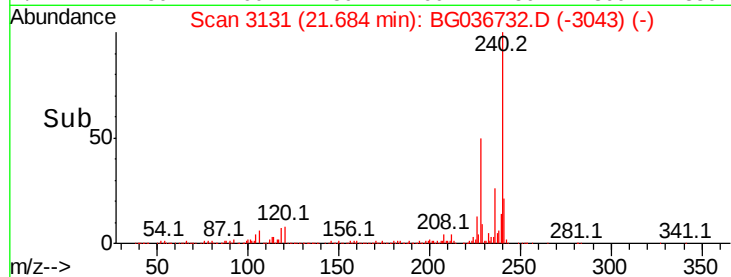
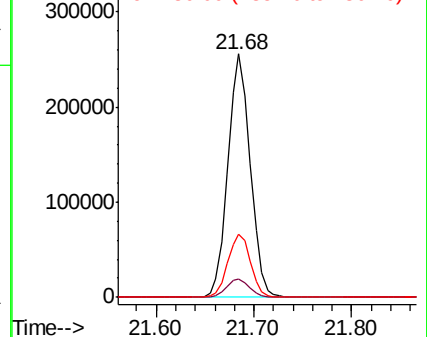
9/17/2018 2:36:17 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.383 ng m

RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

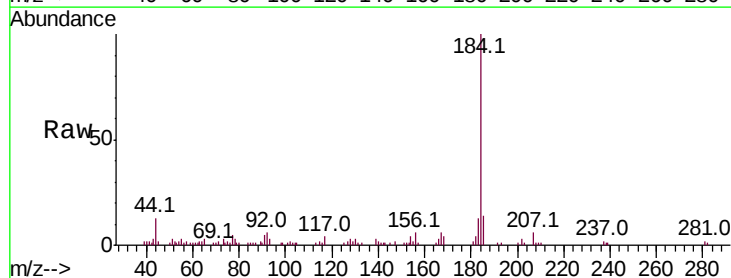
Tgt Ion:184 Resp: 69681

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

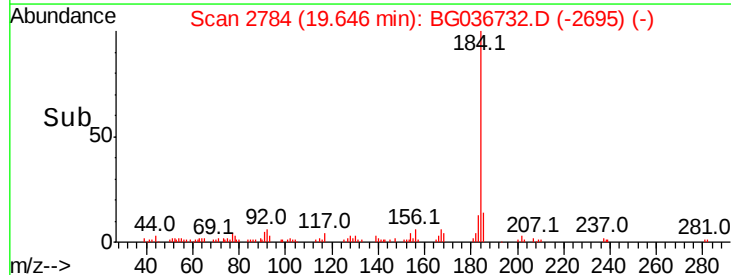
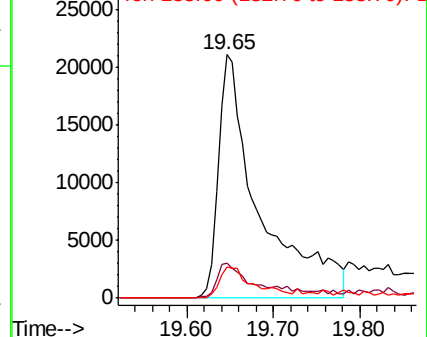
183 13.0 10.9 16.3

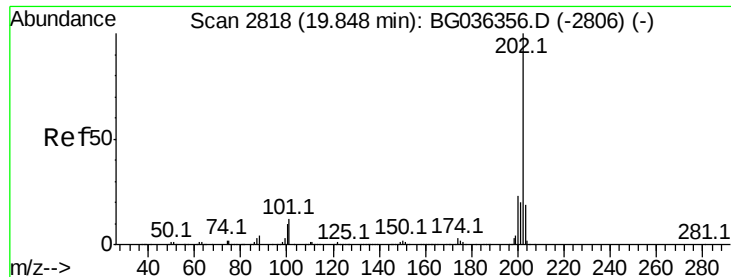


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





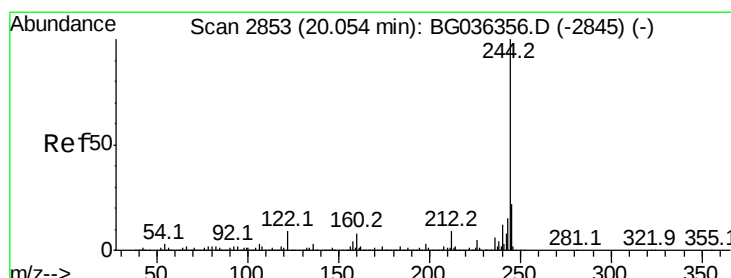
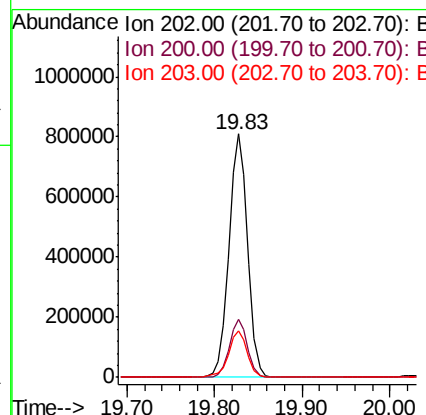
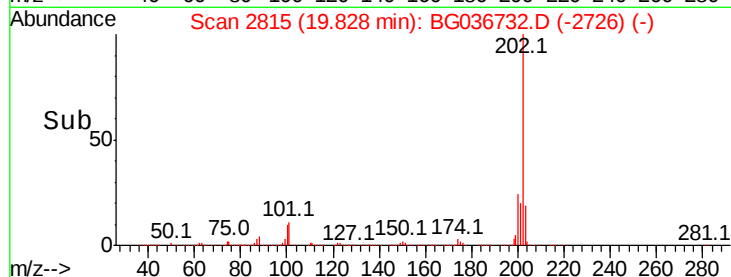
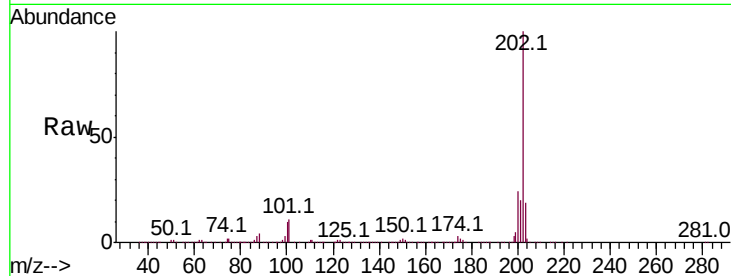
#77
Pvrene
Concen: 47.410 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.9	18.3	27.5
203	19.2	15.1	22.7

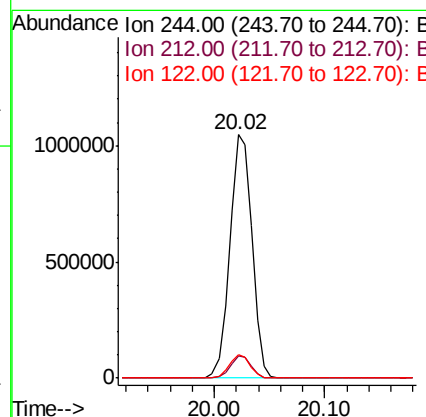
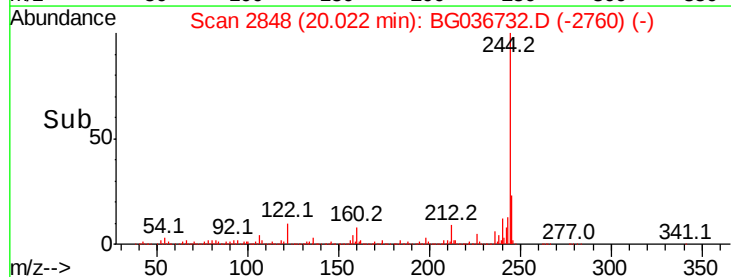
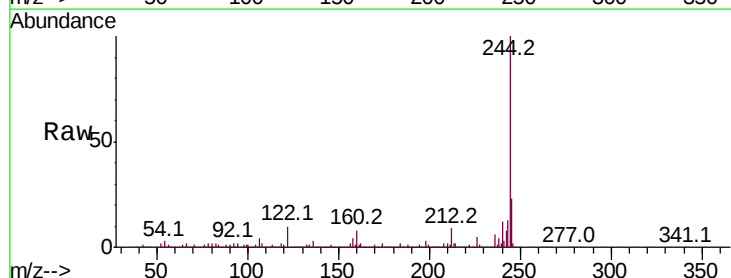
Manual Integrations
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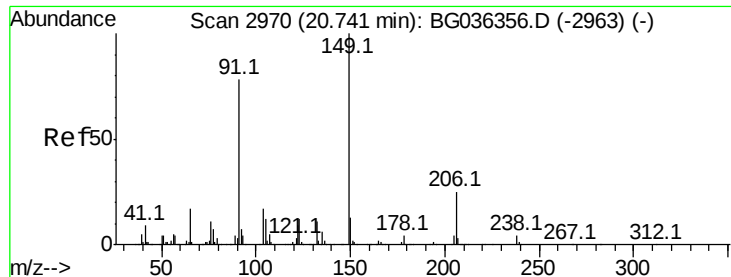
Sohil
9/17/2018 2:36:17 PM



#78
Terphenyl-d14
Concen: 84.624 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.6	7.1	10.7





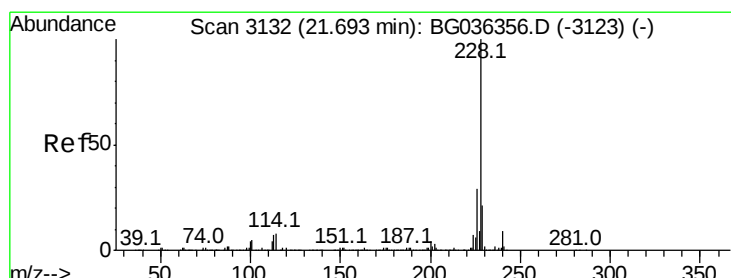
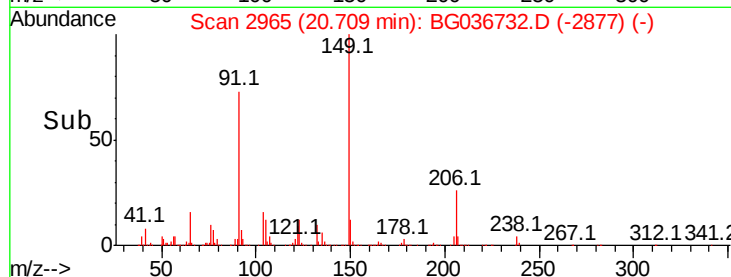
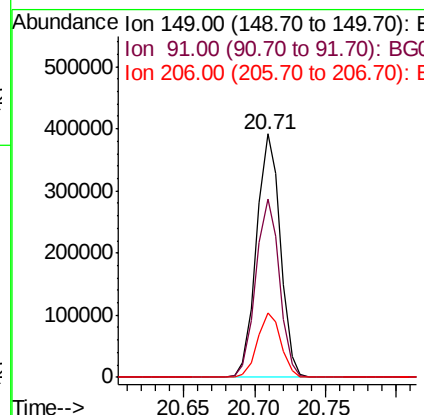
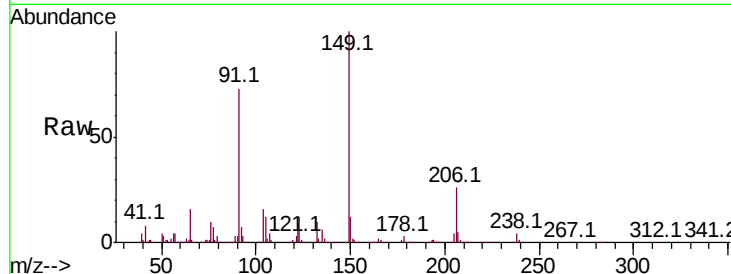
#79
Butylbenzylphthalate
Concen: 47.184 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	62.0	93.0
206	26.3	19.6	29.4

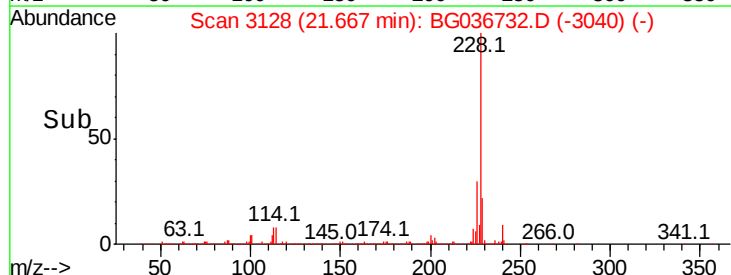
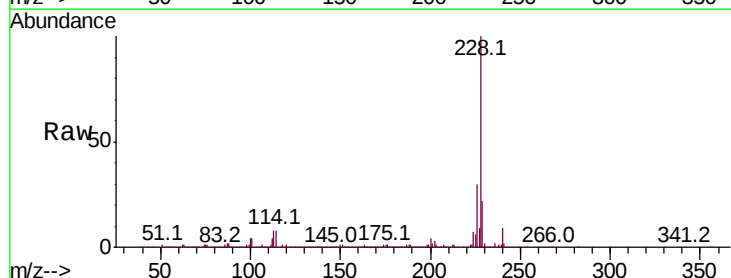
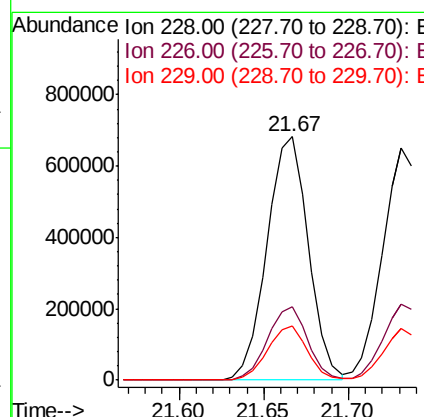
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APPROVED

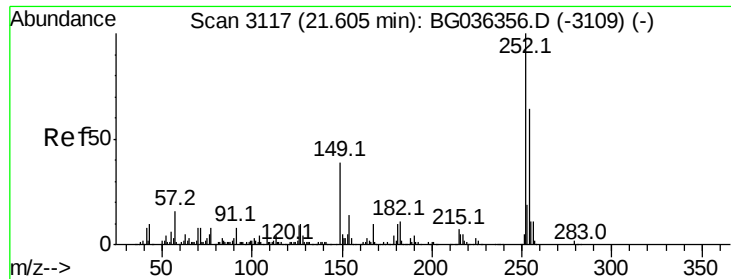
Sohil
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#80
Benzo(a)anthracene
Concen: 47.336 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.3	17.1	25.7





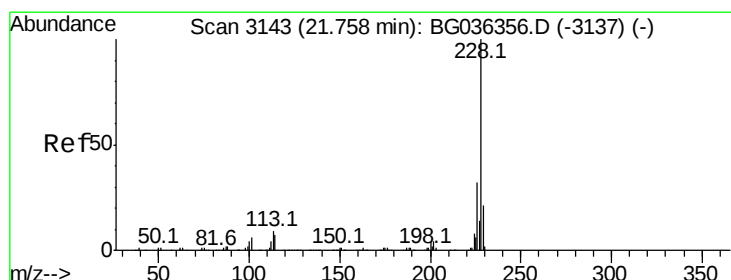
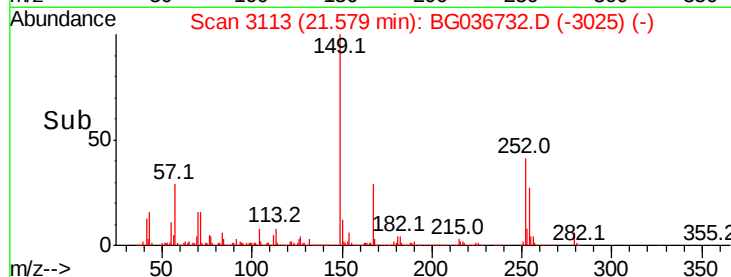
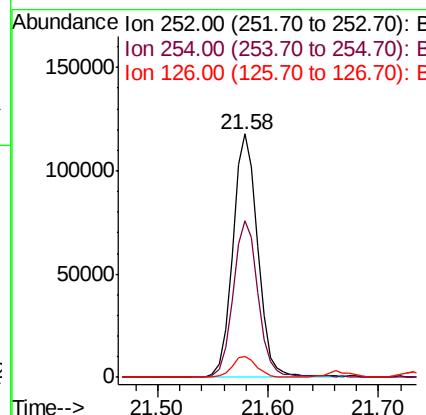
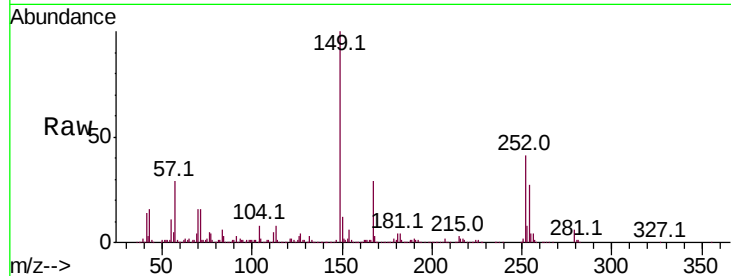
#81
 3,3'-Dichlorobenzidine
 Concen: 19.061 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.4
126	8.4	7.4	11.0

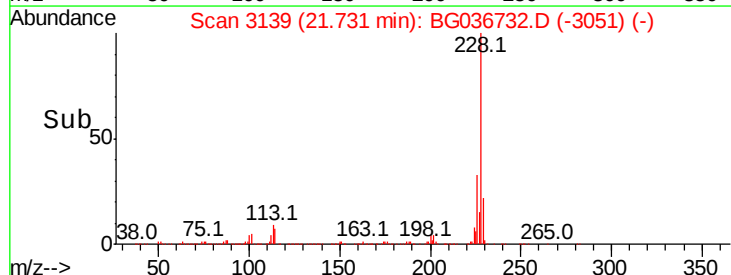
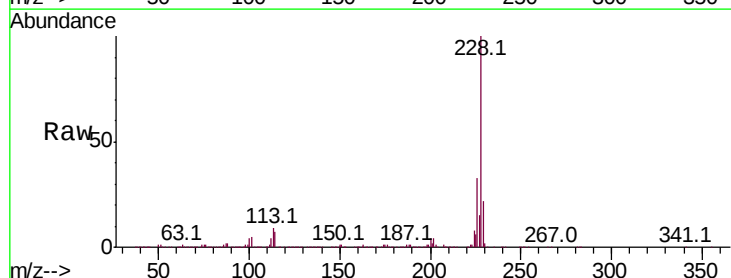
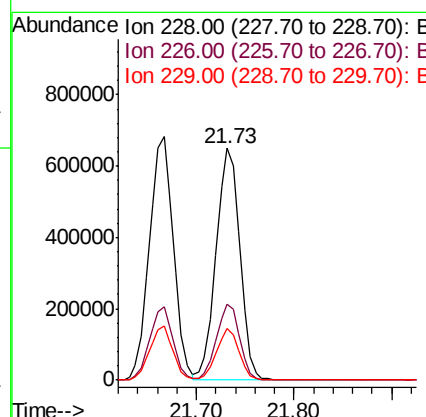
Manual Integrations
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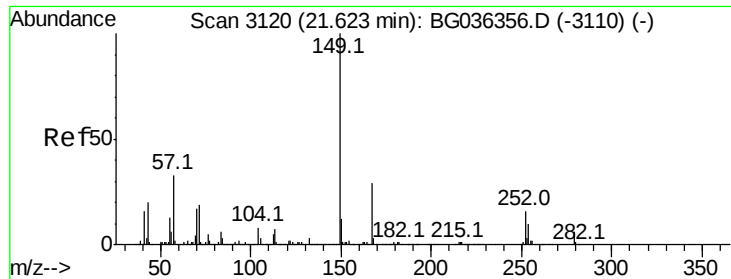
Sohil
 9/17/2018 2:36:17 PM



#82
 Chrysene
 Concen: 47.058 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	22.1	16.9	25.3





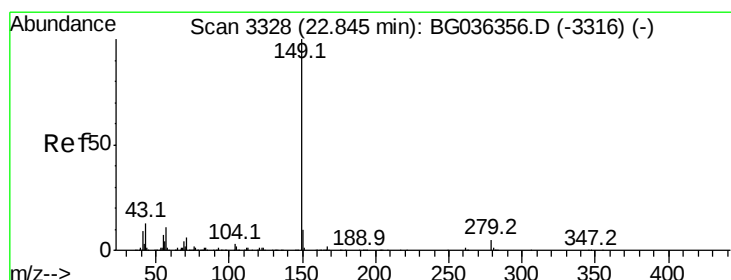
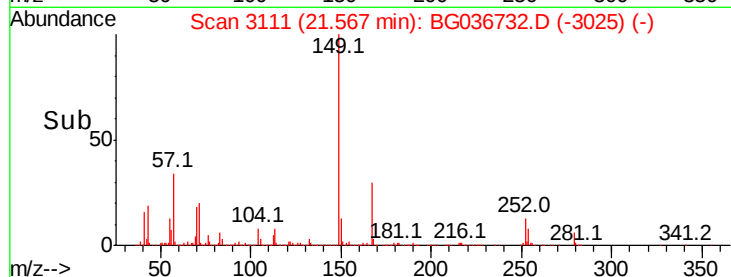
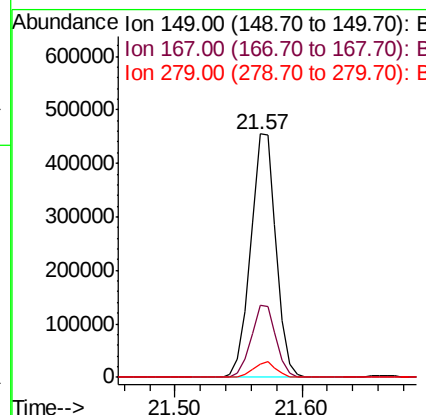
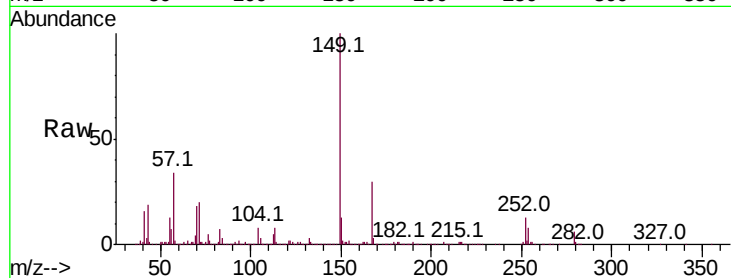
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.397 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.4	35.0
279	5.6	4.6	7.0

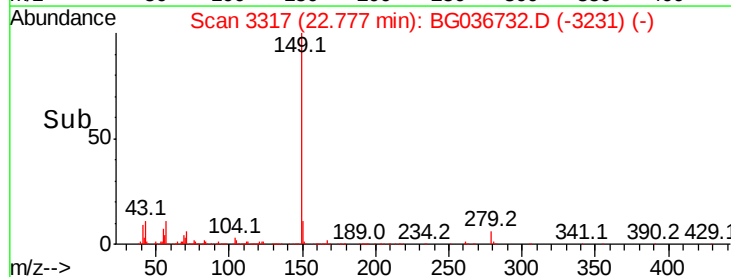
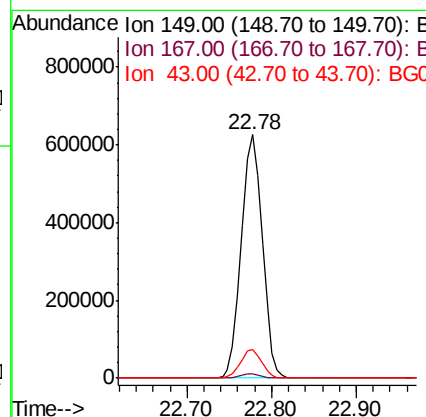
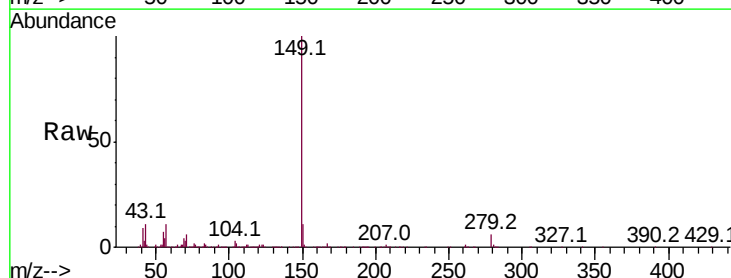
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 46.211 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.4	10.0	15.0





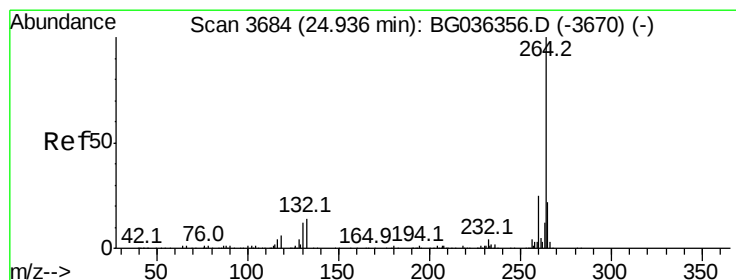
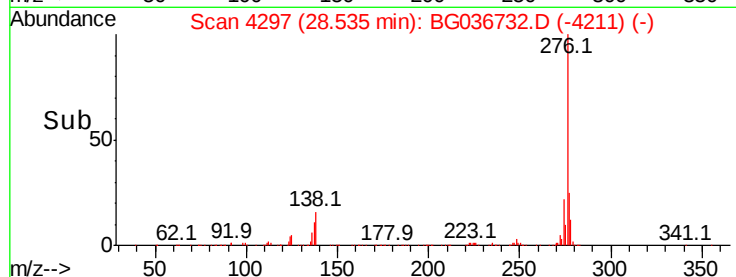
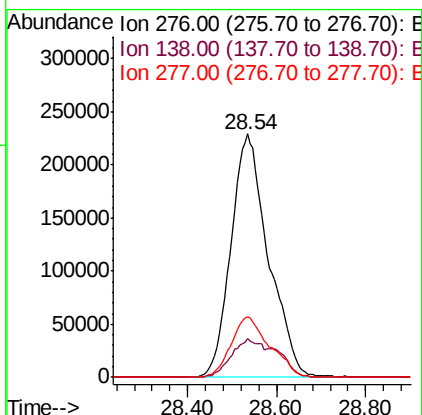
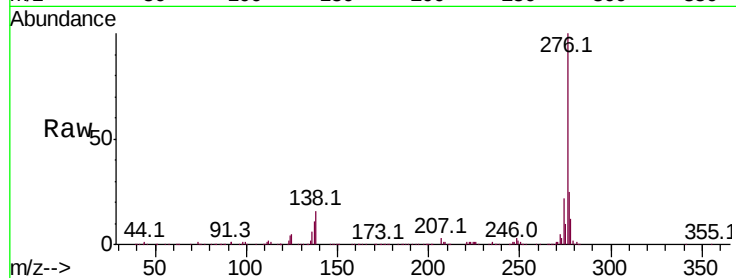
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.239 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.6	15.8
277	25.8	20.6	30.8

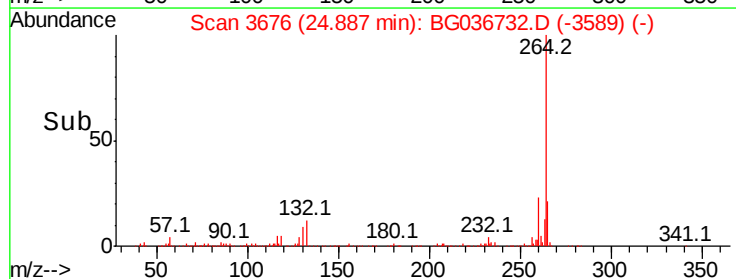
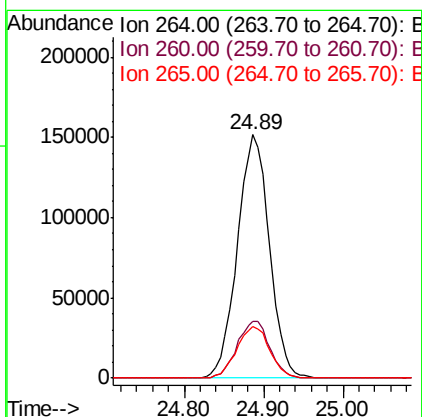
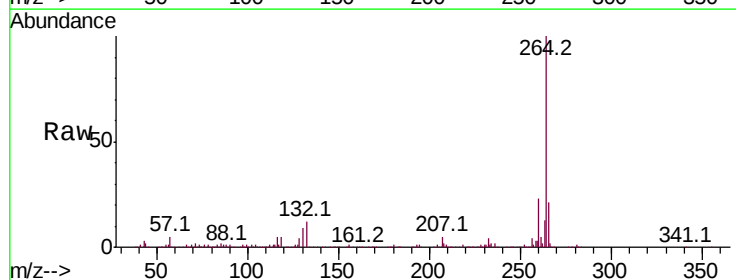
Manual Integrations
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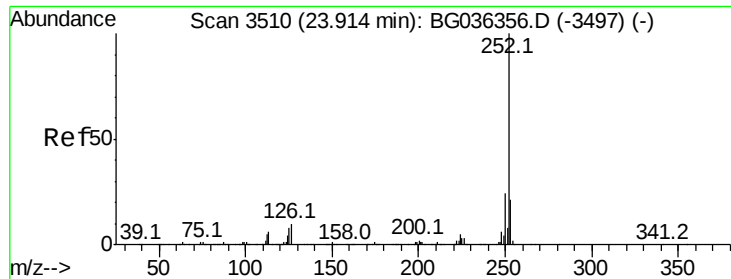
Sohil
 9/17/2018 2:36:17 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036732.D
 Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.4	17.4	26.0





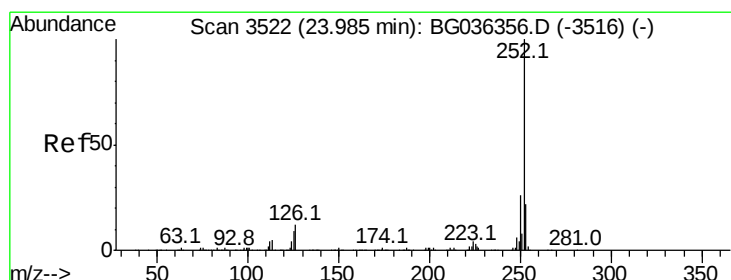
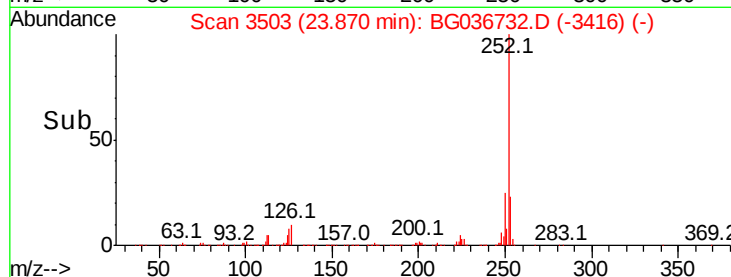
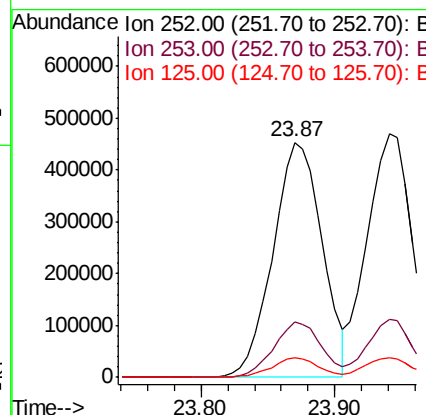
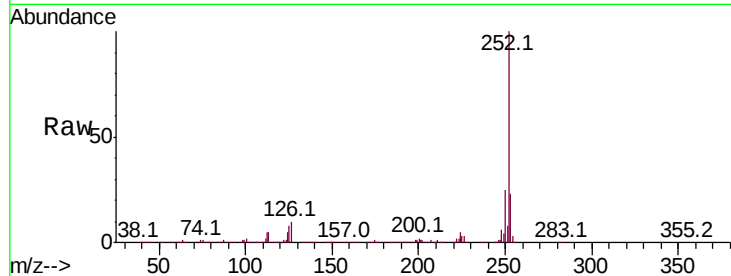
#87
Benzo(b)fluoranthene
Concen: 49.117 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	8.1	6.6	10.0

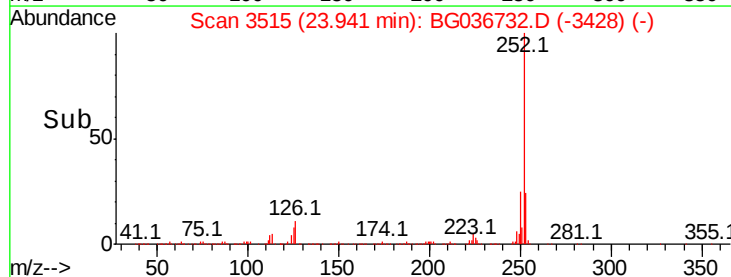
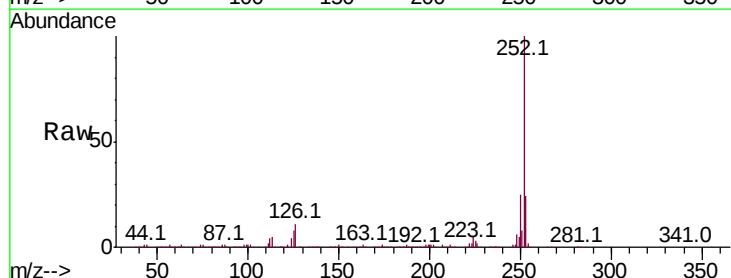
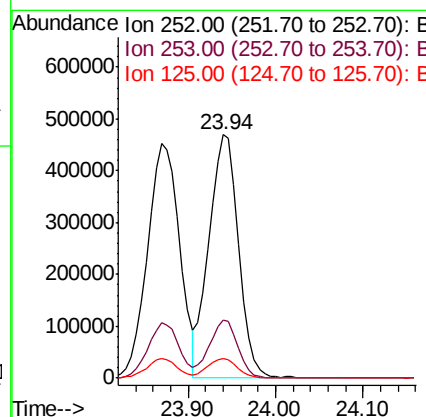
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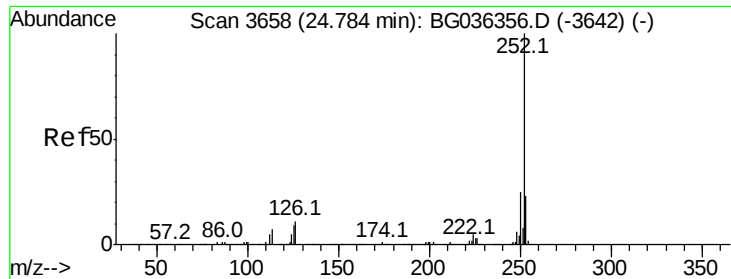
Sohil
9/17/2018 2:36:17 PM



#88
Benzo(k)fluoranthene
Concen: 48.062 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	8.3	7.0	10.6





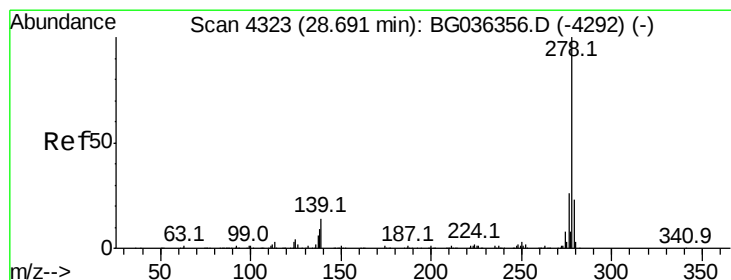
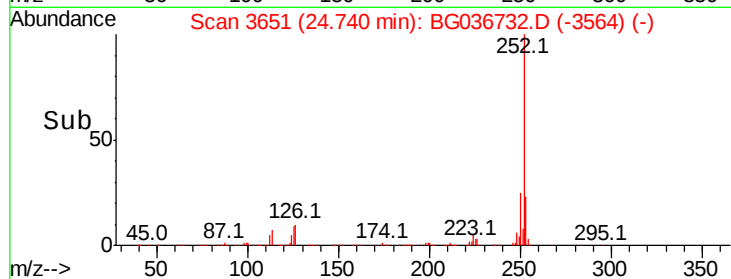
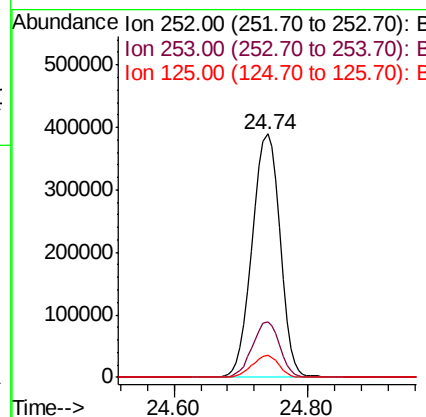
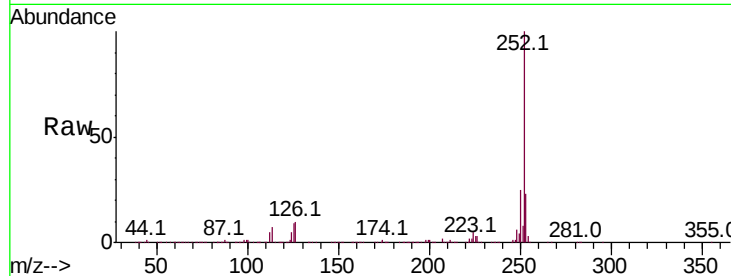
#89
Benzo(a)pyrene
Concen: 49.389 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Instrument :
BNA_G
ClientSampleId :
NB-08-091218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.1	7.3	10.9

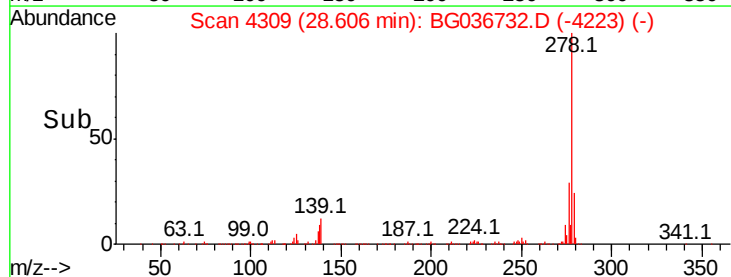
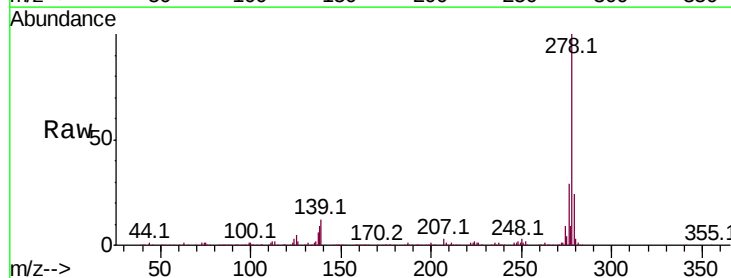
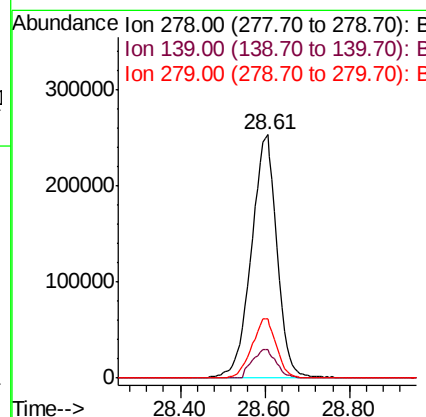
Manual Integrations
APPROVED

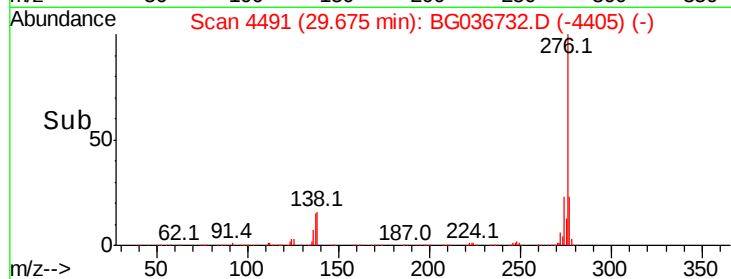
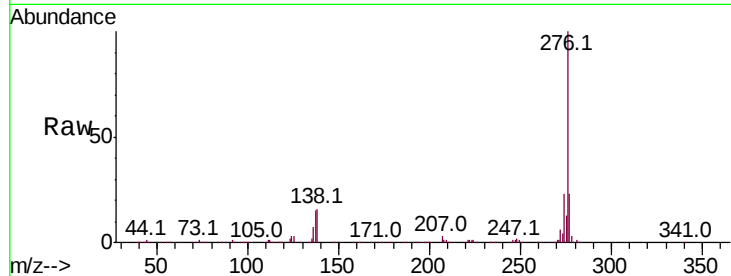
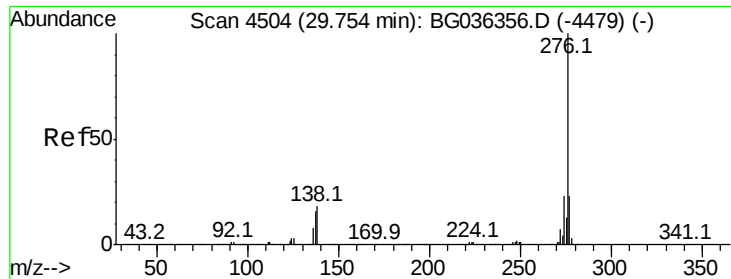
Sohil
9/17/2018 2:36:17 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.461 ng
RT: 28.61 min Scan# 4309
Delta R.T. -0.02 min
Lab File: BG036732.D
Acq: 15 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.0	16.4
279	24.4	18.7	28.1





#91

Benzo(a,h,i)perylene

Concen: 50.303 ng

RT: 29.68 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG036732.D

Acq: 15 Sep 2018 9:05

Tot Ion: 276 Resp: 1104568

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 16.1 14.6 22.0

Instrument :

BNA_G

ClientSampleId :

NB-08-091218MSD

Manual Integrations

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Sohil

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