

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036531.D
 Acq On : 4 Sep 2018 14:34
 Operator : JU/SJ
 Sample : J4712-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Manual Integrations
 APPROVED

Sohil
 9/5/2018 3:13:06 PM

Quant Time: Sep 05 03:58:23 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	8.06	152	68552	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	287817	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	183113	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	469886	20.00	ng	0.00
75) Chrysene-d12	21.70	240	467276	20.00	ng	0.00
86) Perylene-d12	24.90	264	490959	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	498770	115.42	ng	0.00
7) Phenol-d6	7.22	99	693735	112.12	ng	0.00
23) Nitrobenzene-d5	9.22	82	413985	78.04	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	276969	126.76	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	883296	68.87	ng	0.00
78) Terphenyl-d14	20.03	244	1426561	71.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	60078	29.789	ng	96
3) Pyridine	3.93	79	178908	31.603	ng	94
4) n-Nitrosodimethylamine	3.85	42	95504	37.877	ng	87
6) Aniline	7.38	93	258130	32.867	ng	97
8) 2-Chlorophenol	7.62	128	186106	39.712	ng	97
9) Benzaldehyde	7.20	77	110397	25.910	ng	97
10) Phenol	7.24	94	276972	42.776	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	186372	36.307	ng	99
12) 1,3-Dichlorobenzene	7.95	146	195732	36.577	ng	99
13) 1,4-Dichlorobenzene	8.09	146	196875	36.440	ng	99
14) 1,2-Dichlorobenzene	8.41	146	188982	36.626	ng	97
15) Benzyl Alcohol	8.29	79	188762	37.844	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	349157	33.728	ng	99
17) 2-Methylphenol	8.49	107	177736	41.340	ng	96
18) Hexachloroethane	9.15	117	70254	36.268	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	159475	34.487	ng	95
20) 3+4-Methylphenols	8.82	107	238926	39.804	ng	95
22) Acetophenone	8.88	105	299602	39.641	ng	# 98
24) Nitrobenzene	9.26	77	229702	40.156	ng	96
25) Isophorone	9.79	82	449060	42.613	ng	97
26) 2-Nitrophenol	9.97	139	96956	42.773	ng	95
27) 2,4-Dimethylphenol	10.03	122	188913	45.015	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	261738	40.470	ng	99
29) 2,4-Dichlorophenol	10.51	162	205236	44.624	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	211391	39.289	ng	99
31) Naphthalene	10.91	128	603163	41.922	ng	99
32) Benzoic acid	10.09	122	12272m	8.055	ng	
33) 4-Chloroaniline	11.02	127	209012	31.702	ng	99
34) Hexachlorobutadiene	11.20	225	139962	38.717	ng	98
35) Caprolactam	11.79	113	73844m	40.304	ng	
36) 4-Chloro-3-methylphenol	12.13	107	225762	42.245	ng	95
37) 2-Methylnaphthalene	12.52	142	466597	44.322	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	264709	40.849	ng	99
40) Hexachlorocyclopentadiene	12.87	237	301070	89.295	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	173642	43.989	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	189916	45.107	nq	98
45) 1,1'-Biphenyl	13.52	154	585787	38.539	nq	99
46) 2-Chloronaphthalene	13.56	162	455928	39.291	nq	99
47) 2-Nitroaniline	13.76	65	157225	43.149	nq	96
48) Acenaphthylene	14.40	152	757140	41.750	nq	100
49) Dimethylphthalate	14.14	163	819091	54.781	nq	98
50) 2,6-Dinitrotoluene	14.25	165	129210	41.996	nq	97
51) Acenaphthene	14.75	154	499886	43.040	nq	99
52) 3-Nitroaniline	14.58	138	127428	38.433	nq	99
53) 2,4-Dinitrophenol	14.79	184	101979	87.505	nq	96
54) Dibenzofuran	15.08	168	723974	39.788	nq	100
55) 4-Nitrophenol	14.89	139	233788	86.239	nq	99
56) 2,4-Dinitrotoluene	15.04	165	183705	45.813	nq	93
57) Fluorene	15.73	166	573503	42.162	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	189382	47.875	nq	95
59) Diethylphthalate	15.50	149	599480	39.783	nq	99
60) 4-Chlorophenyl-phenylether	15.72	204	325360	38.736	nq	99
61) 4-Nitroaniline	15.75	138	152336	43.907	nq	92
62) Azobenzene	16.01	77	579947	37.826	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	96618	46.808	nq	96
65) n-Nitrosodiphenylamine	15.94	169	537560	38.502	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	217192	39.479	nq	99
67) Hexachlorobenzene	16.73	284	220509	39.199	nq	99
68) Atrazine	16.88	200	223907	42.726	nq	98
69) Pentachlorophenol	17.07	266	277010	72.455	nq	98
70) Phenanthrene	17.47	178	975015	40.836	nq	99
71) Anthracene	17.56	178	984650	41.371	nq	97
72) Carbazole	17.82	167	905954	38.115	nq	99
73) Di-n-butylphthalate	18.39	149	1005180	37.976	nq	99
74) Fluoranthene	19.48	202	1186736	40.767	nq	100
76) Benzidine	19.65	184	479163	32.141	nq	100
77) Pyrene	19.83	202	1165755	40.570	nq	98
79) Butylbenzylphthalate	20.72	149	477310	41.739	nq	95
80) Benzo(a)anthracene	21.67	228	1181949	41.753	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	351451	31.151	nq	99
82) Chrysene	21.74	228	1099359	40.971	nq	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	648448	40.522	nq	99
84) Di-n-octyl phthalate	22.80	149	1102715	41.255	nq	98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1338490	42.948	nq	100
87) Benzo(b)fluoranthene	23.89	252	1205175	44.206	nq	97
88) Benzo(k)fluoranthene	23.96	252	1117777	41.967	nq	98
89) Benzo(a)pyrene	24.76	252	1147747	43.811	nq	99
90) Dibenzo(a,h)anthracene	28.63	278	1078888	42.659	nq	98
91) Benzo(g,h,i)perylene	29.70	276	1113499	43.811	nq	97

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



#1

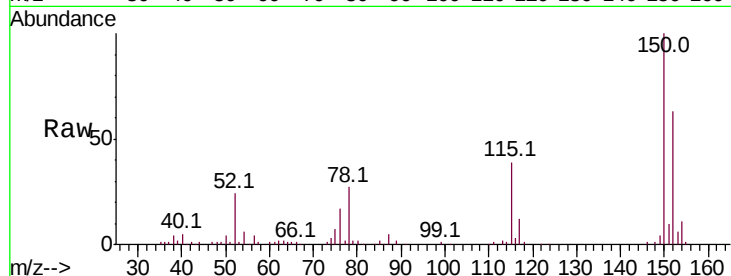
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	61.9	44.5	66.7

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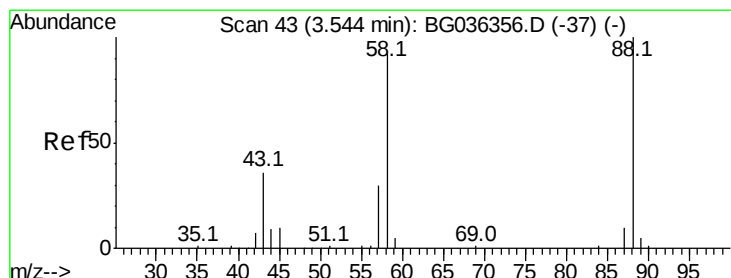
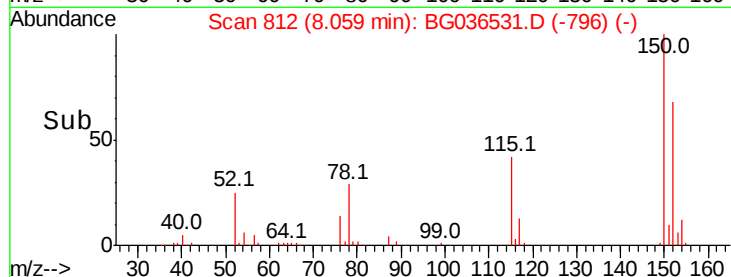
Abundance

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

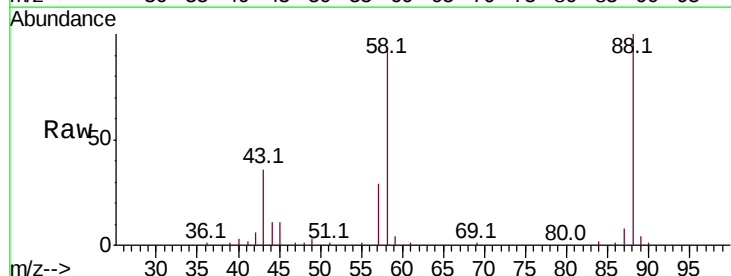
Time-->



#2

1,4-Dioxane
Concen: 29.789 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	72.6	109.0
43	34.0	29.0	43.4



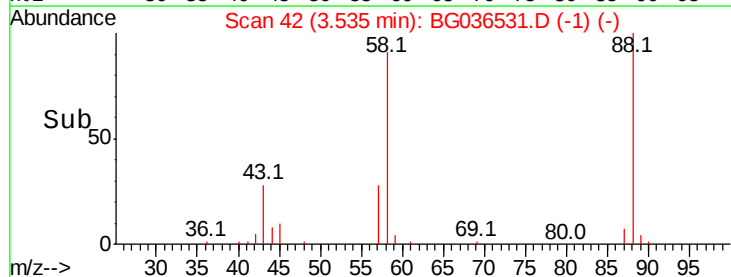
Abundance

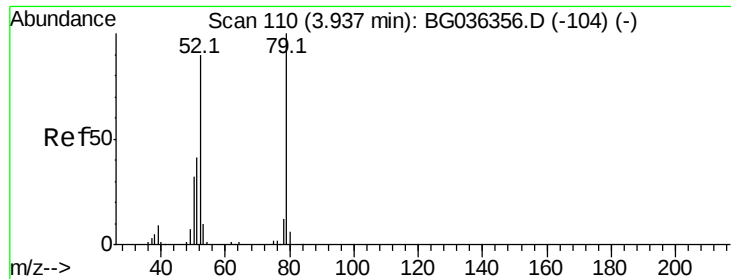
Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Time-->





#3

Pvridine

Concen: 31.603 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

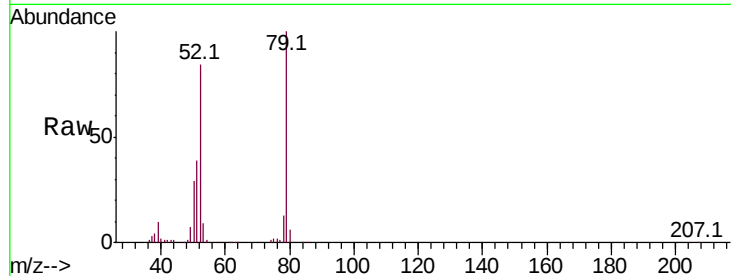
ClientSampleId :

SB-03MSD

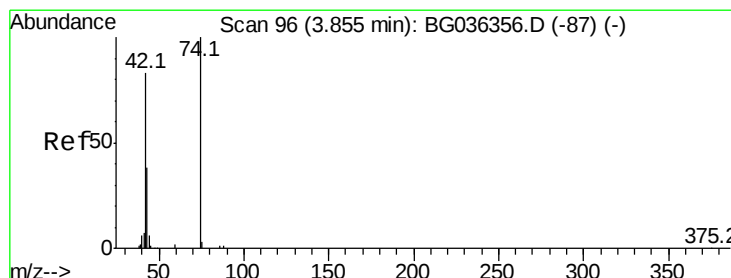
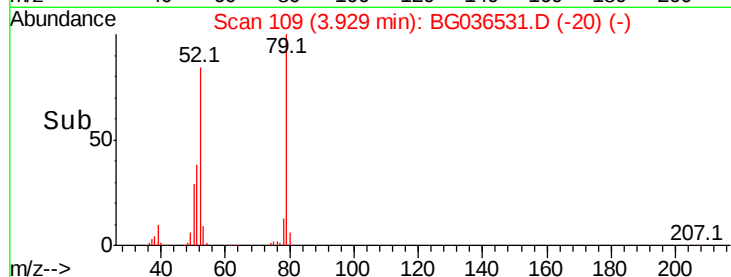
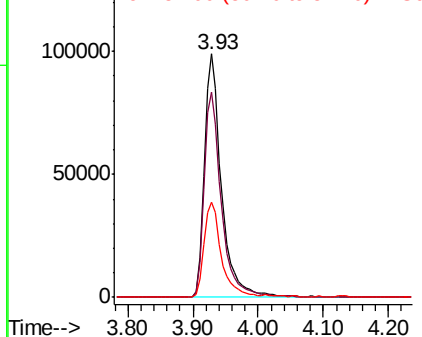
Tot Ion:	79	Resp:	178908
Ion Ratio	Lower	Upper	
79	100		
52	84.2	72.3	108.5
51	38.9	33.8	50.6

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.877 ng

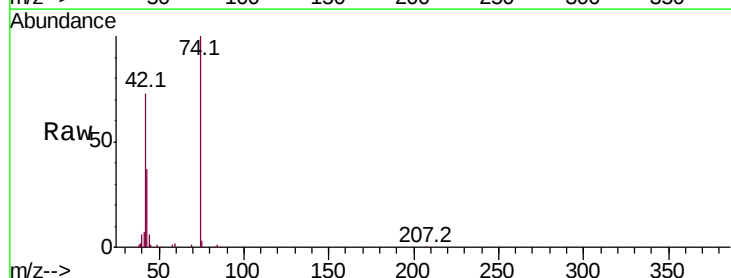
RT: 3.85 min Scan# 95

Delta R.T. 0.00 min

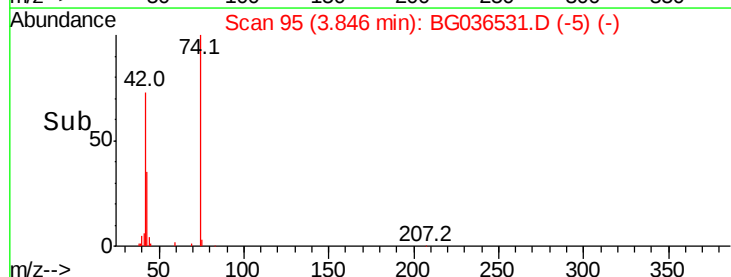
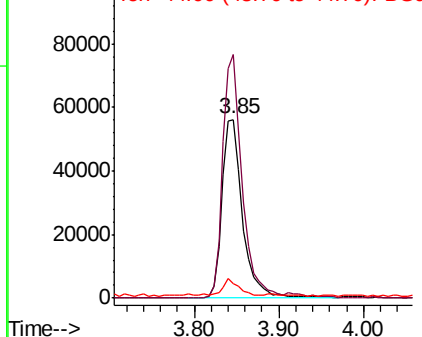
Lab File: BG036531.D

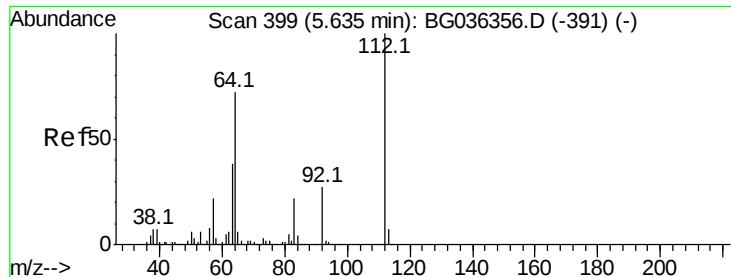
Acq: 4 Sep 2018 14:34

Tgt Ion:	42	Resp:	95504
Ion Ratio	Lower	Upper	
42	100		
74	136.5	96.6	145.0
44	8.2	7.0	10.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.415 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

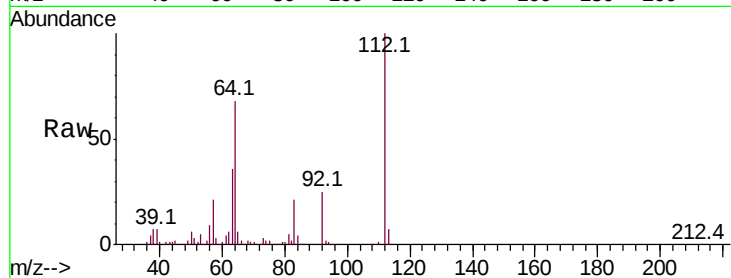
ClientSampleId :

SB-03MSD

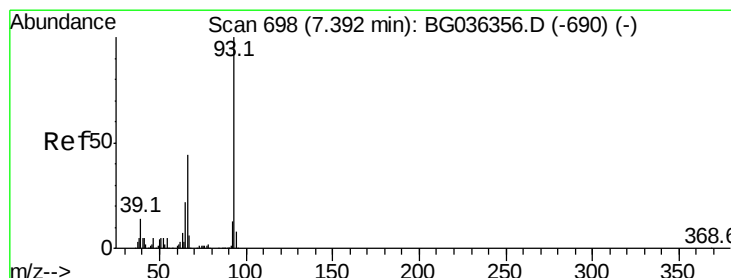
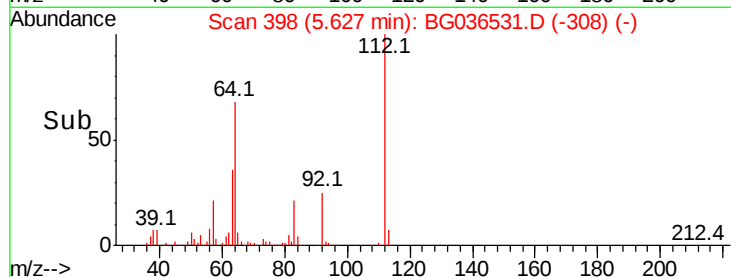
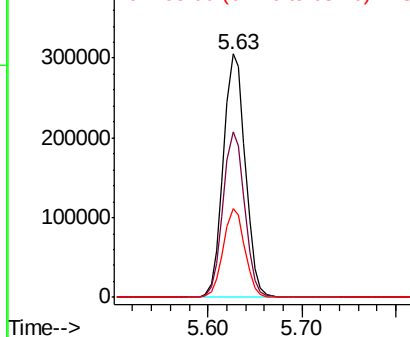
Tot Ion:	112	Resp:	498770
Ion Ratio	Lower	Upper	
112	100		
64	67.8	57.2	85.8
63	36.5	30.8	46.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.867 ng

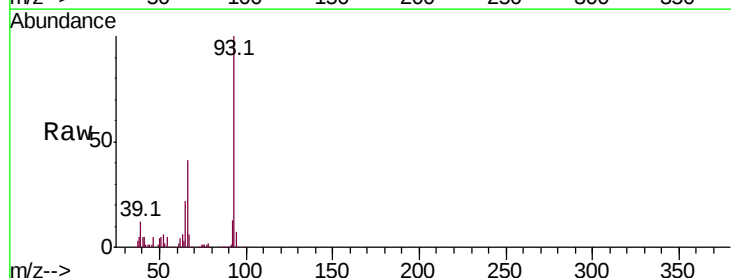
RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

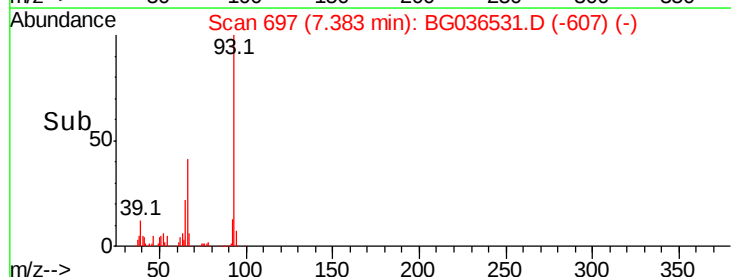
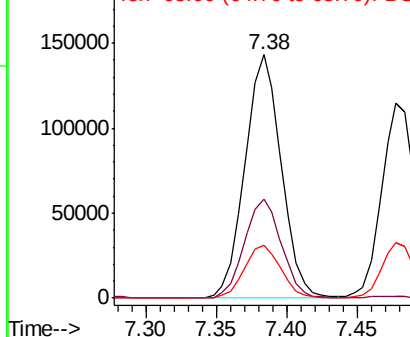
Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	93	Resp:	258130
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.0	52.4
65	21.9	17.6	26.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.122 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

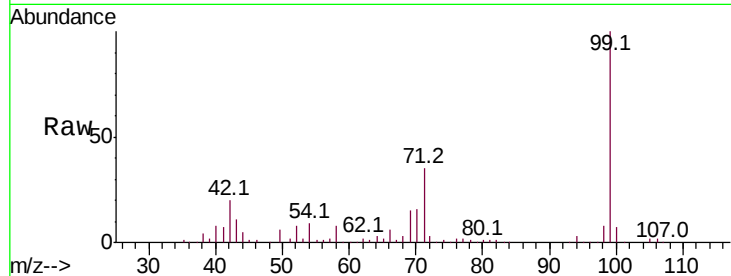
ClientSampled :

SB-03MSD

Tot Ion:	99	Resp:	693735
Ion Ratio	Lower	Upper	
99	100		
42	20.4	16.5	24.7
71	35.2	29.4	44.2

Manual Integrations
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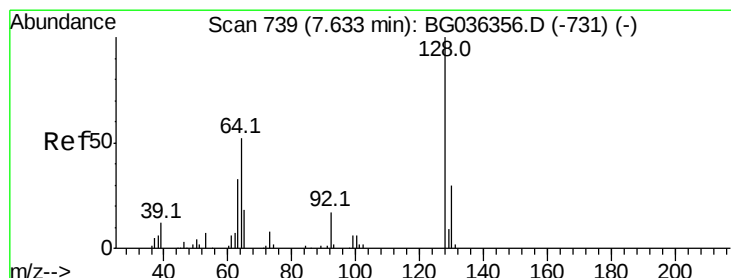
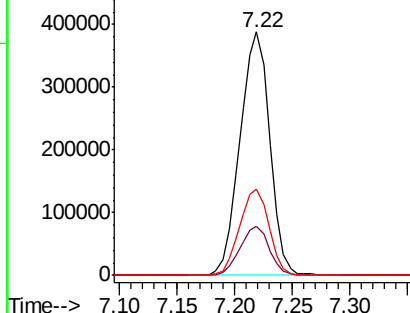
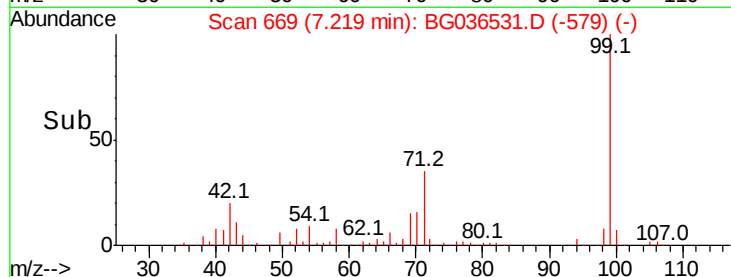


Abundance

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: 39.712 ng

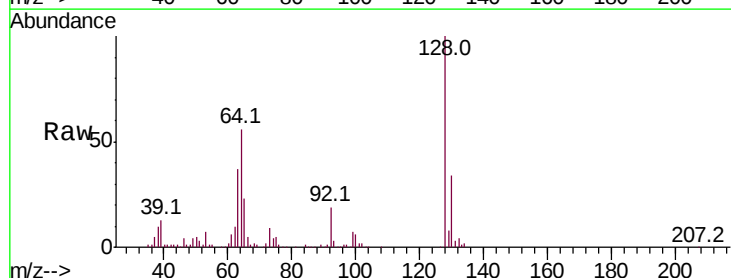
RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	128	Resp:	186106
Ion Ratio	Lower	Upper	
128	100		
130	33.8	10.0	50.0
64	56.5	36.0	76.0

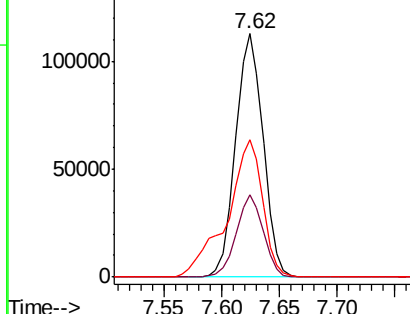
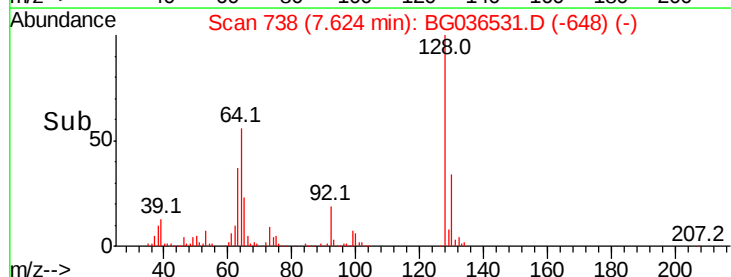


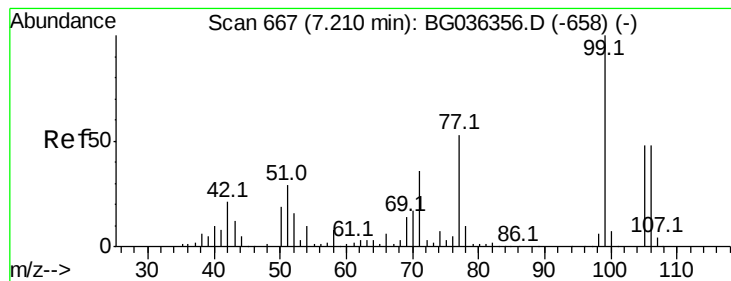
Abundance

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: 25.910 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

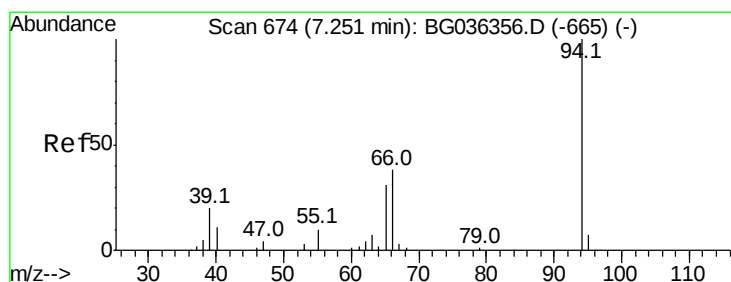
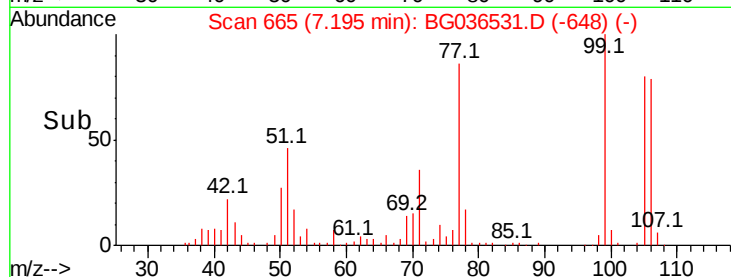
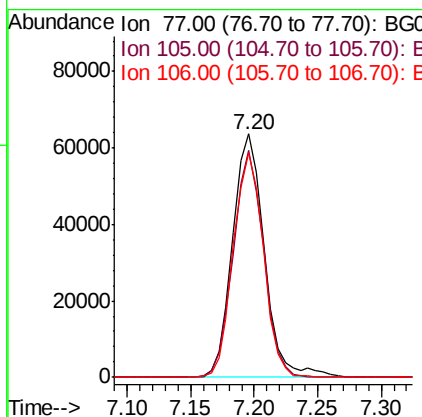
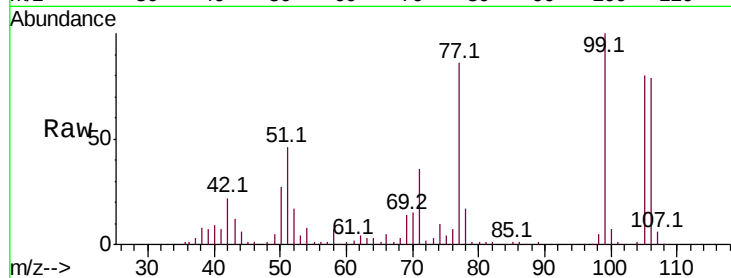
ClientSampleId :

SB-03MSD

Tot Ion: 77 Resp: 110397
 Ion Ratio Lower Upper
 77 100
 105 93.2 70.5 110.5
 106 92.4 69.8 109.8

Manual Integrations
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#10

Phenol

Concen: 42.776 ng

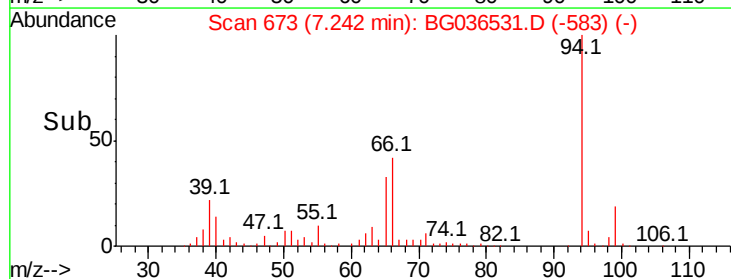
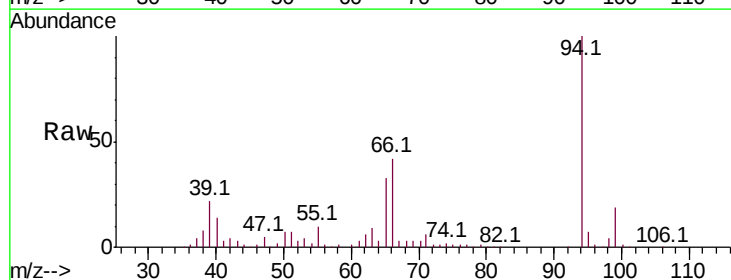
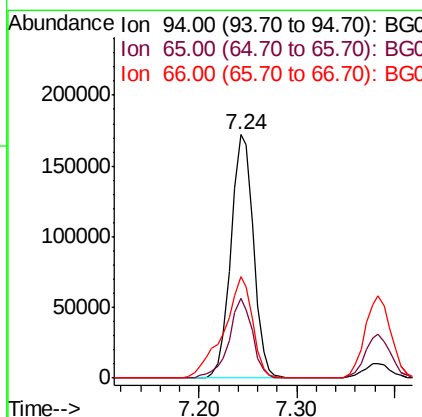
RT: 7.24 min Scan# 673

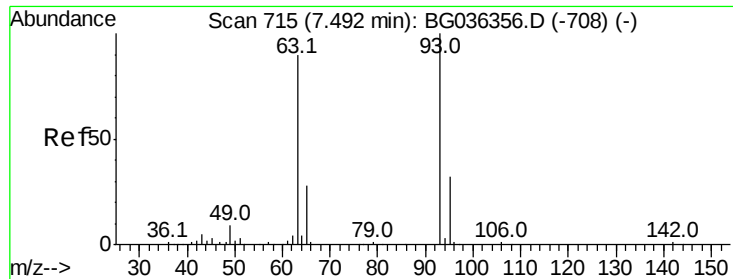
Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion: 94 Resp: 276972
 Ion Ratio Lower Upper
 94 100
 65 33.0 11.5 51.5
 66 41.7 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 36.307 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

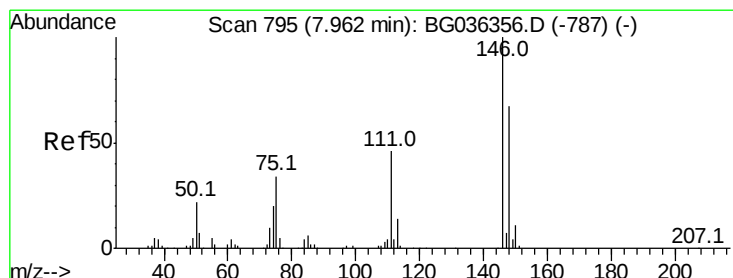
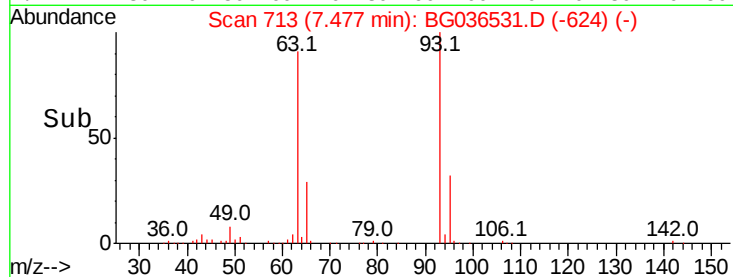
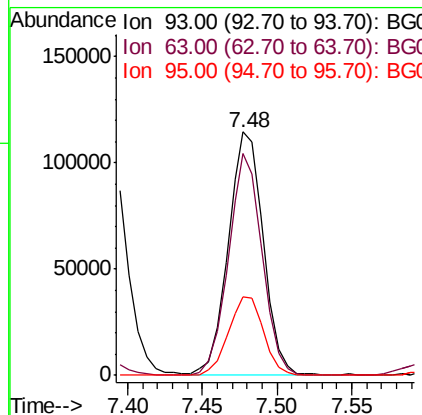
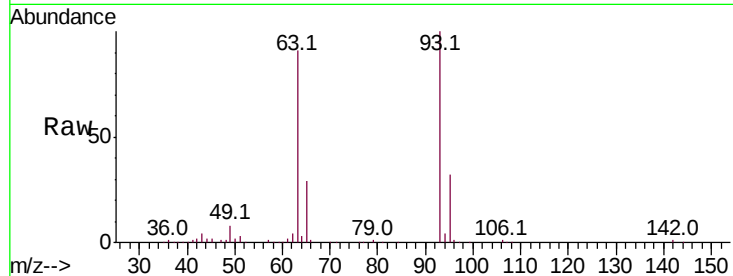
ClientSampleId :

SB-03MSD

Tot Ion:	93	Resp:	186372
Ion Ratio	Lower	Upper	
93	100		
63	91.1	69.9	109.9
95	32.4	11.7	51.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.577 ng

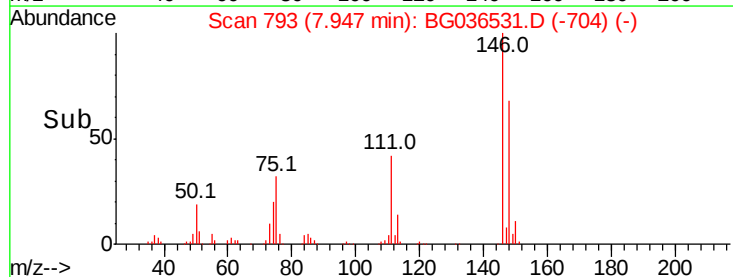
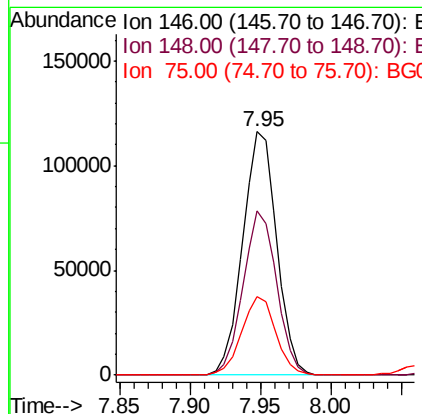
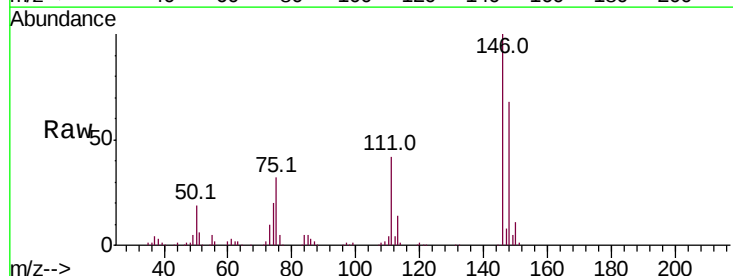
RT: 7.95 min Scan# 793

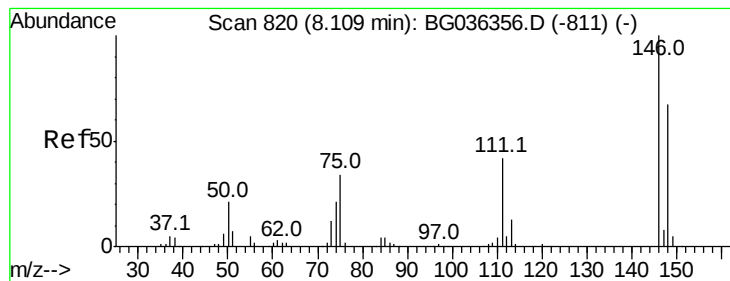
Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	146	Resp:	195732
Ion Ratio	Lower	Upper	
146	100		
148	67.6	53.8	80.6
75	32.3	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 36.440 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

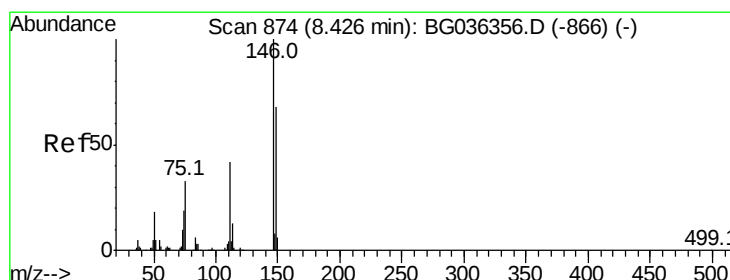
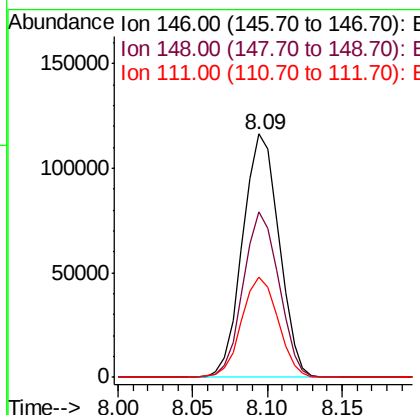
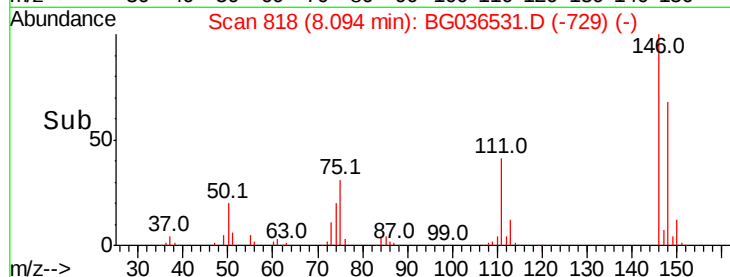
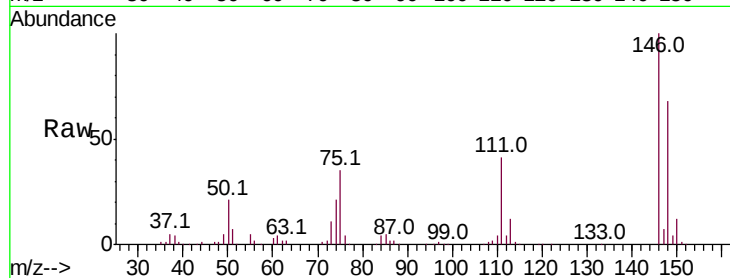
ClientSampled :

SB-03MSD

Tot Ion:	146	Resp:	196875
Ion Ratio	Lower	Upper	
146	100		
148	67.7	53.9	80.9
111	40.9	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.626 ng

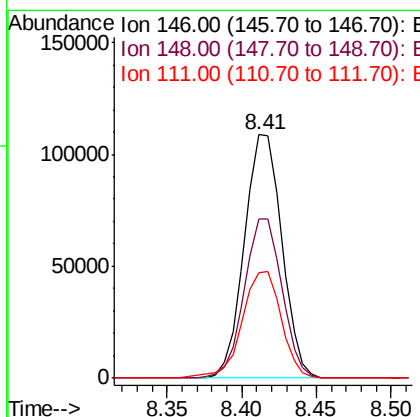
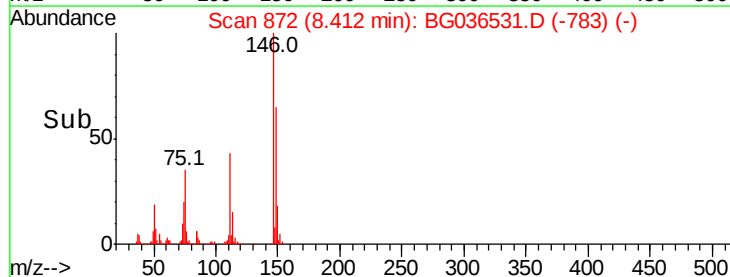
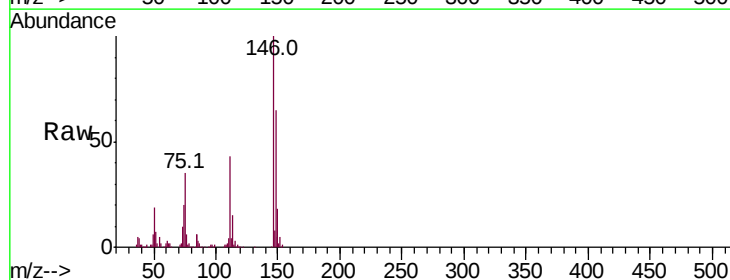
RT: 8.41 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	146	Resp:	188982
Ion Ratio	Lower	Upper	
146	100		
148	65.4	55.0	82.6
111	43.1	34.6	51.8





#15

Benzyl Alcohol

Concen: 37.844 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

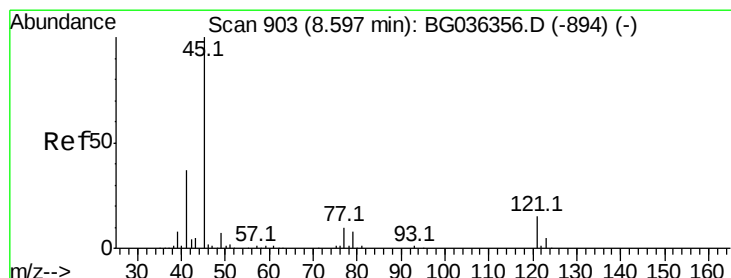
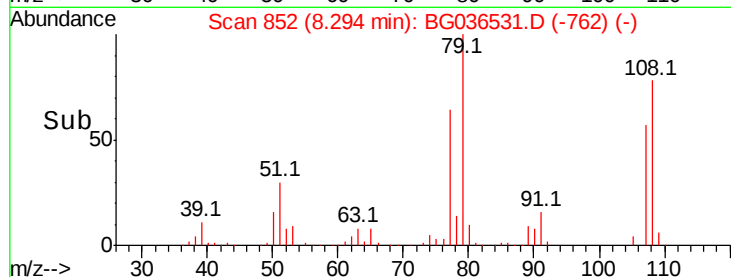
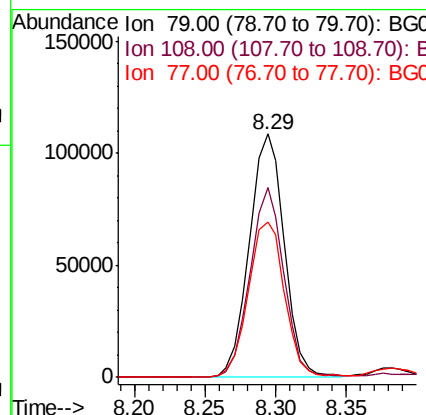
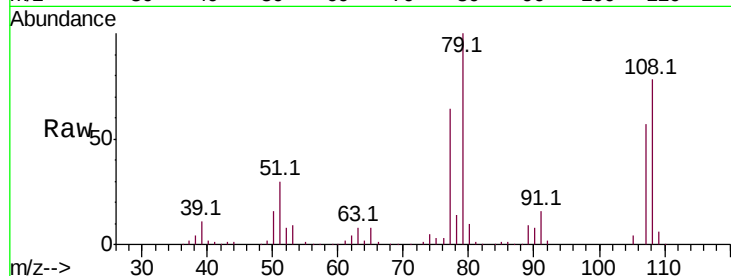
ClientSampled :

SB-03MSD

Tot Ion:	79	Resp:	188762
Ion Ratio	Lower	Upper	
79	100		
108	77.8	55.9	83.9
77	63.9	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.728 ng

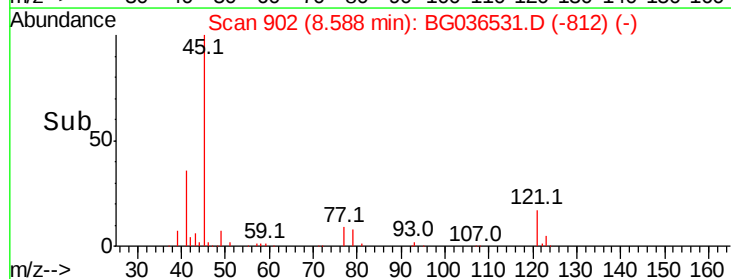
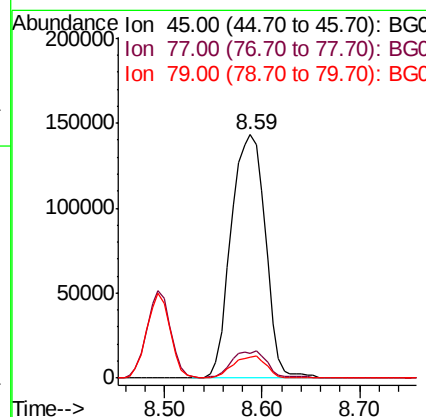
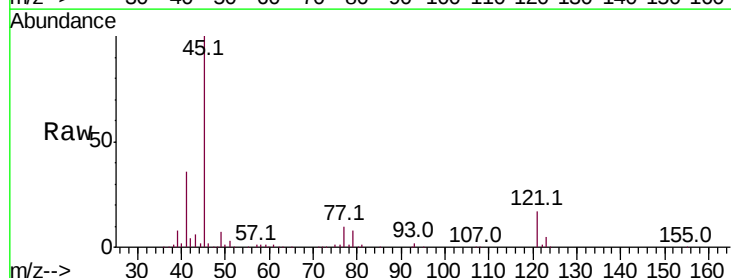
RT: 8.59 min Scan# 902

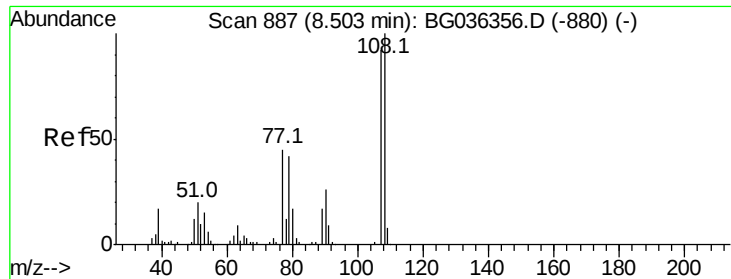
Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	45	Resp:	349157
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.5
79	8.4	0.0	27.9





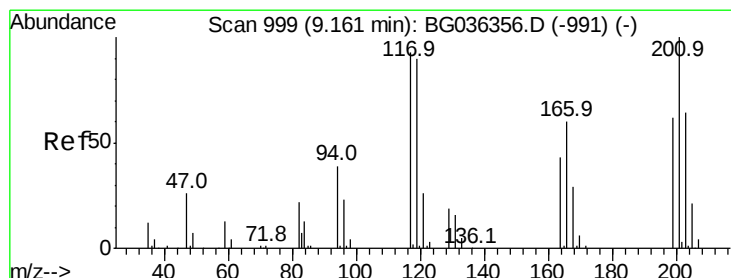
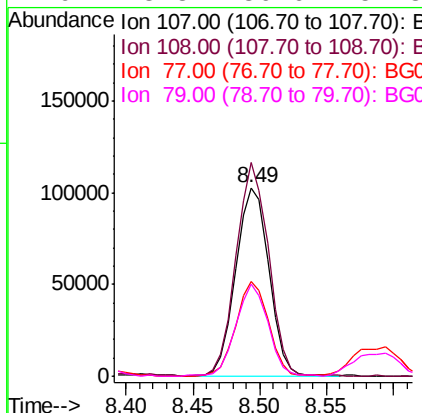
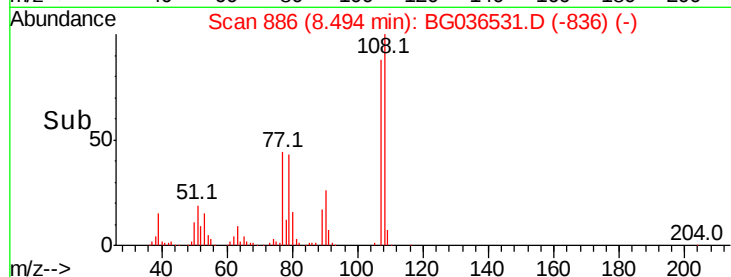
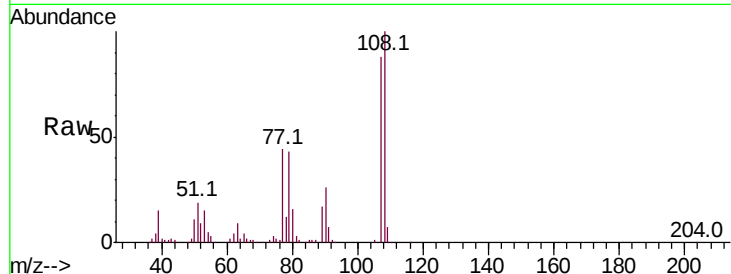
#17
2-Methylphenol
Concen: 41.340 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	107	Resp	177736
Ion	Ratio	Lower	Upper
107	100		
108	113.2	86.7	130.1
77	49.9	39.0	58.4
79	48.8	36.6	54.8

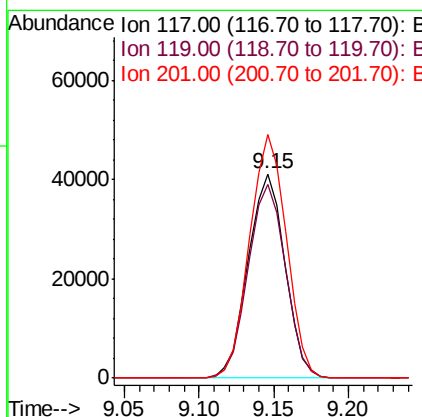
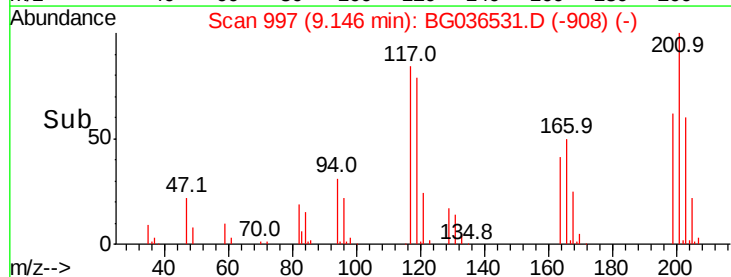
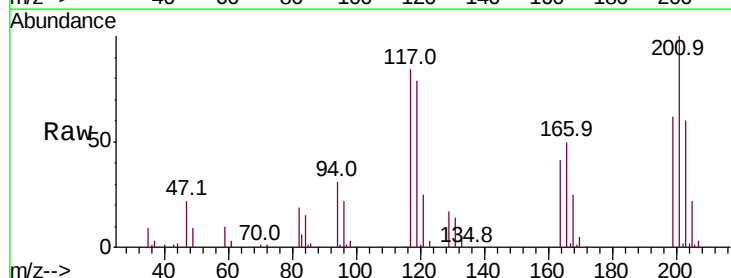
Manual Integrations
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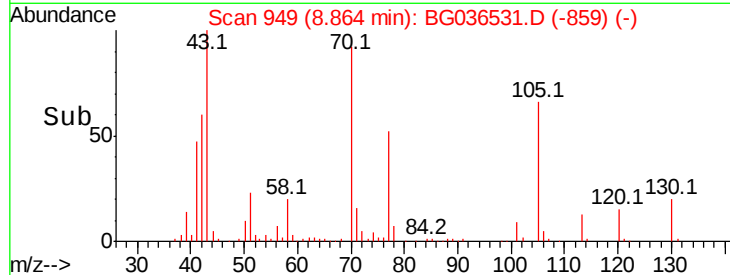
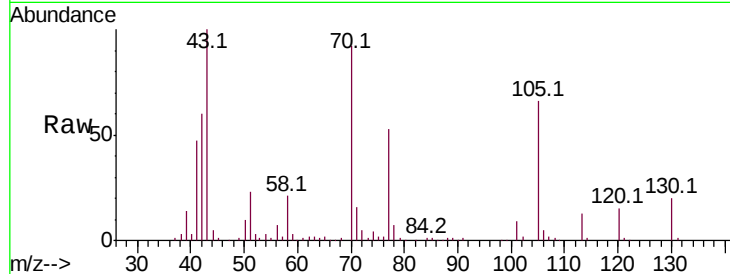
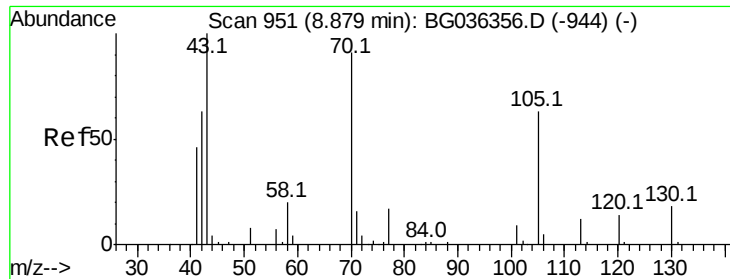
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#18
Hexachloroethane
Concen: 36.268 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	117	Resp	70254
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.8	115.2
201	119.2	85.7	128.5





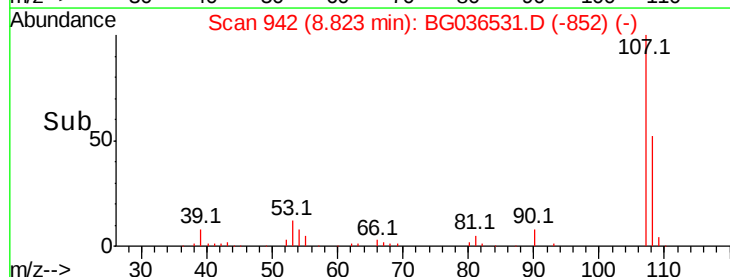
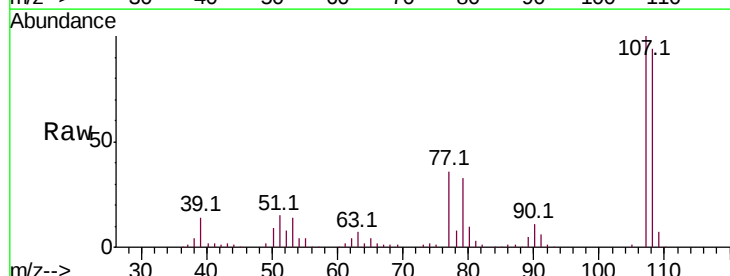
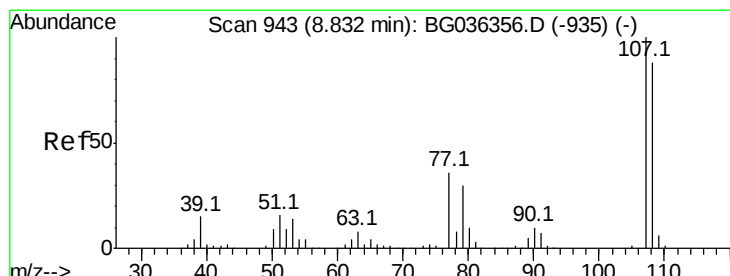
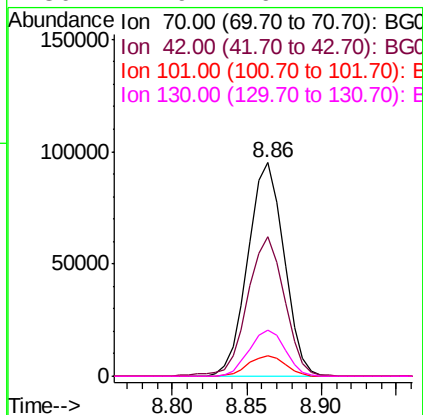
#19
n-Nitroso-di-n-propylamine
Concen: 34.487 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	65.1	56.2	84.4	
101	9.7	7.8	11.6	
130	21.9	16.2	24.2	

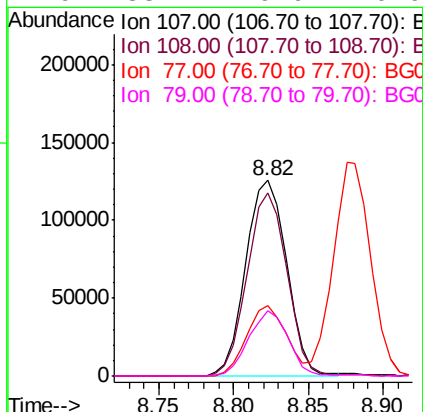
Manual Integrations
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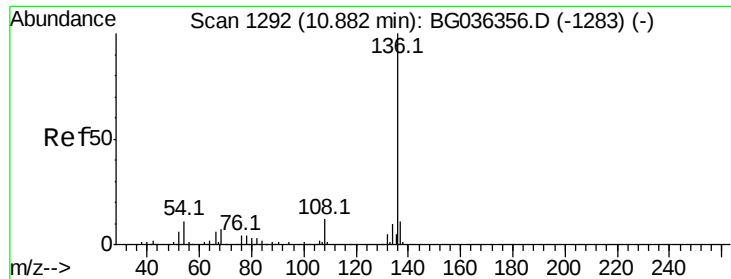
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#20
3+4-Methylphenols
Concen: 39.804 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	93.9	68.0	108.0	
77	36.0	15.6	55.6	
79	33.4	9.9	49.9	





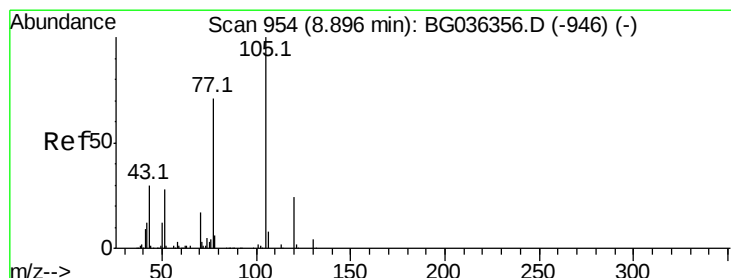
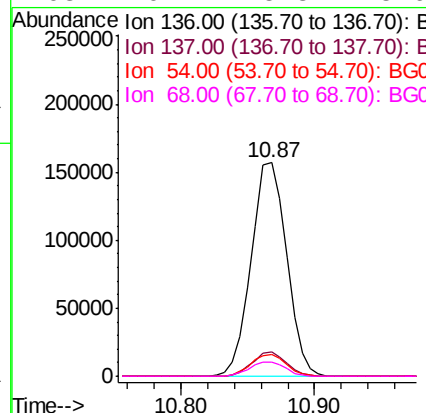
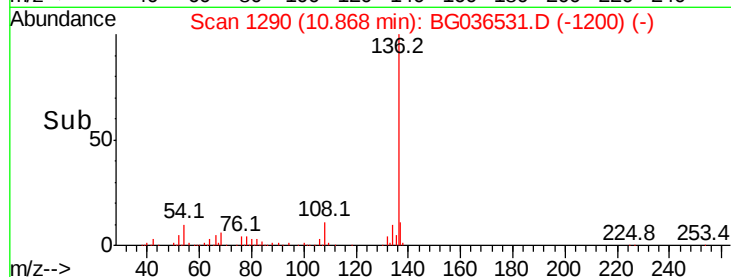
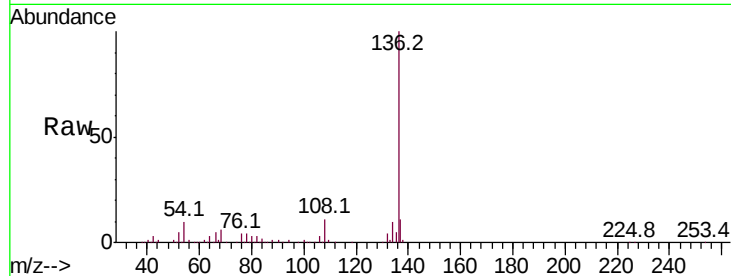
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	287817		
137	11.2		8.8	13.2
54	10.0		9.2	13.8
68	6.4		5.8	8.6

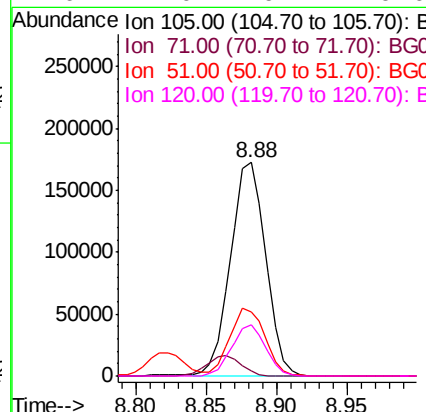
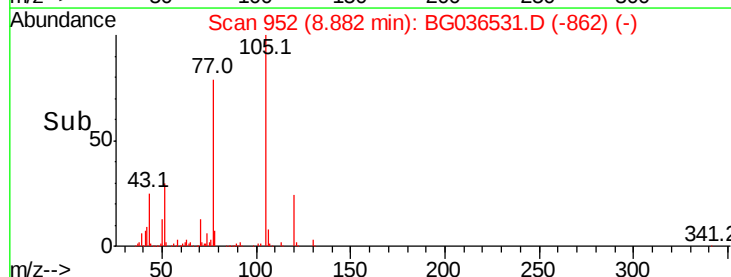
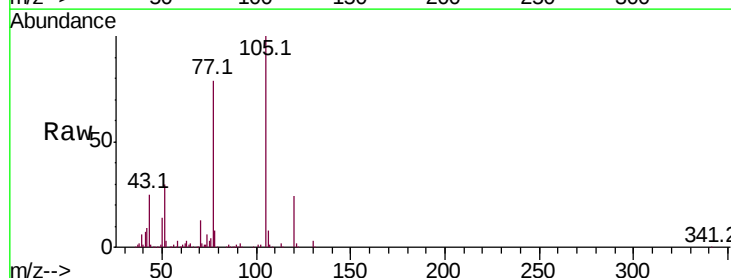
Manual Integrations
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#22
Acetophenone
Concen: 39.641 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299602		
71	2.3		2.4	3.6#
51	30.2		25.9	38.9
120	24.0		19.4	29.0





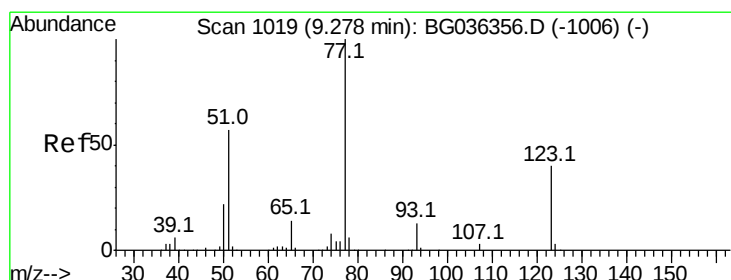
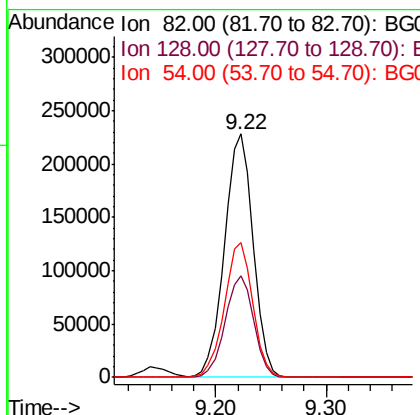
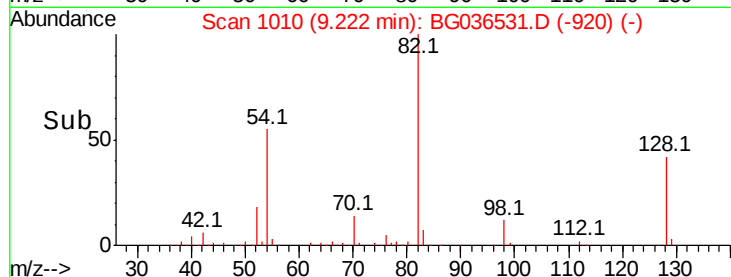
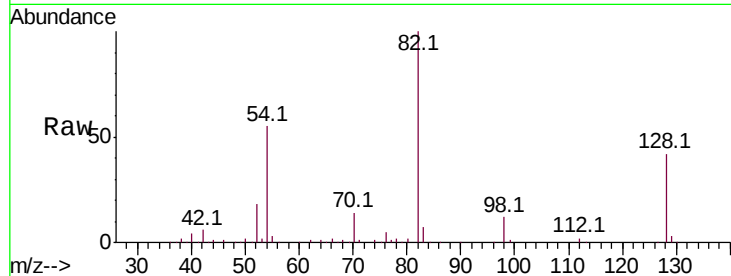
#23
Nitrobenzene-d5
Concen: 78.041 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampled :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.8	33.3	49.9	
54	55.4	45.1	67.7	

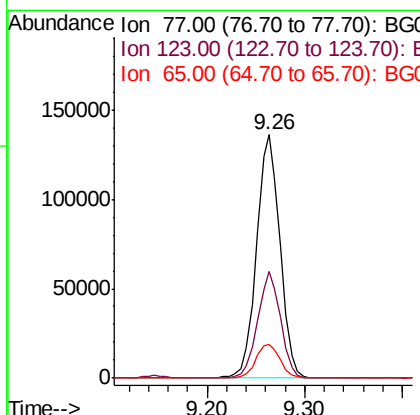
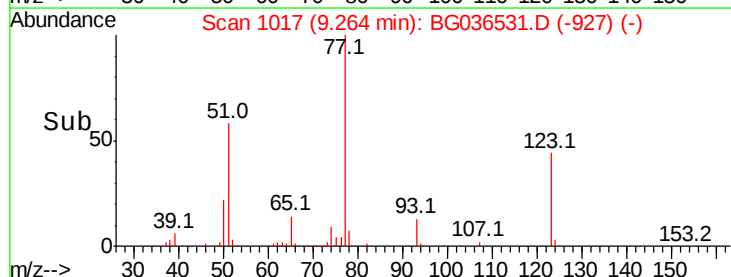
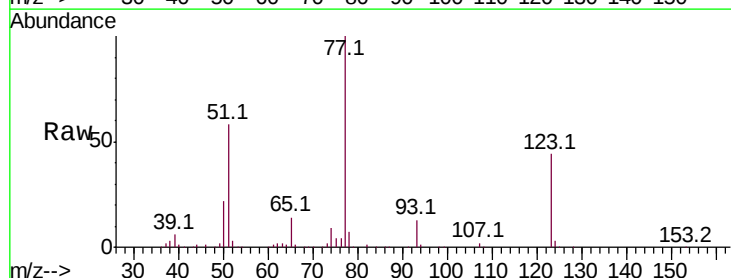
Manual Integrations
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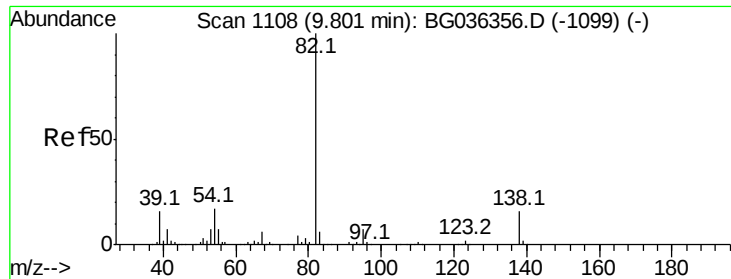
Sohil
9/5/2018 3:13:06 PM



#24
Nitrobenzene
Concen: 40.156 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.9	32.4	48.6	
65	13.9	11.5	17.3	





#25

Isophorone

Concen: 42.613 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

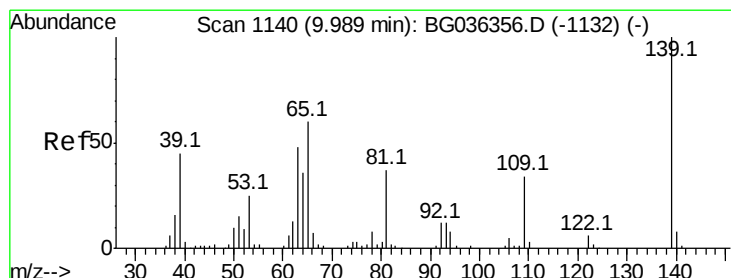
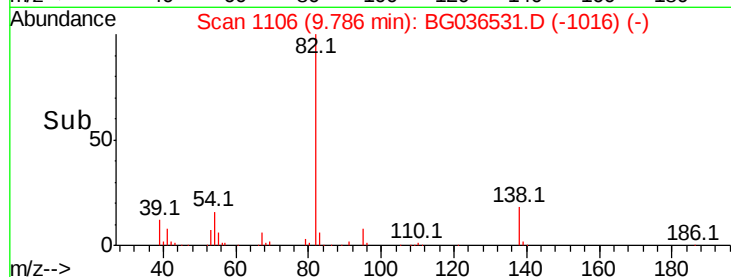
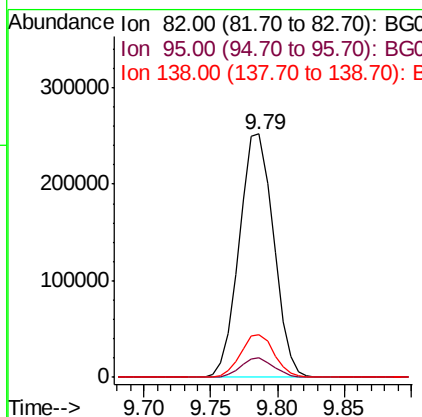
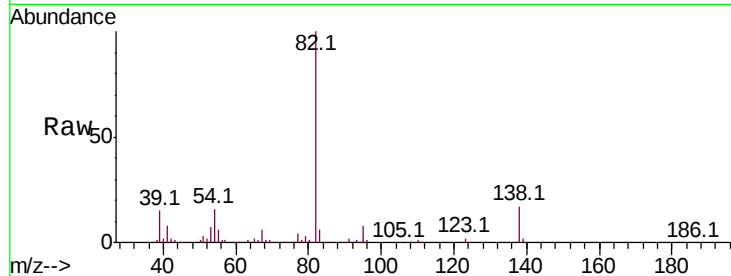
ClientSampleId :

SB-03MSD

Tot Ion:	82	Resp:	449060
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.8
138	17.4	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.773 ng

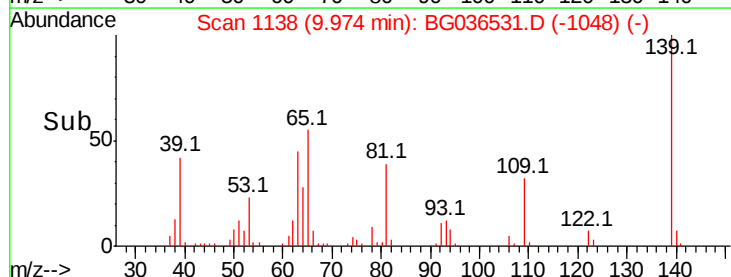
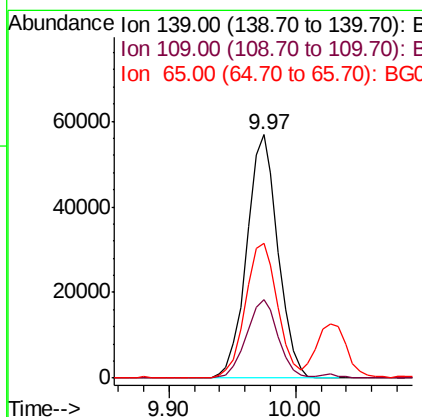
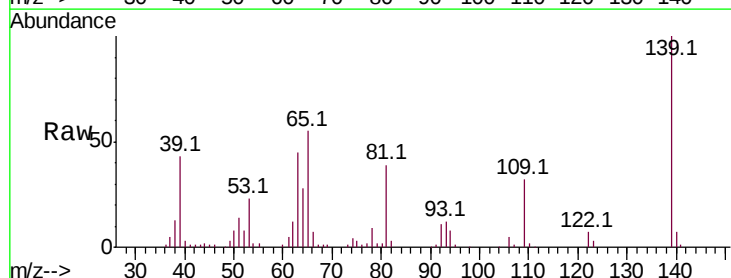
RT: 9.97 min Scan# 1138

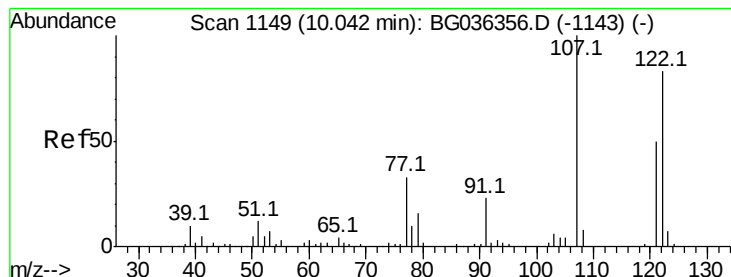
Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	139	Resp:	96956
Ion Ratio	Lower	Upper	
139	100		
109	32.3	27.4	41.0
65	55.3	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 45.015 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

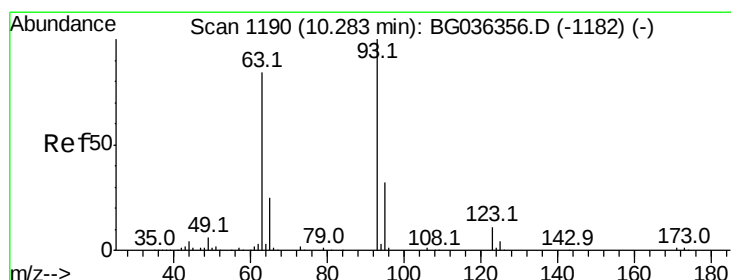
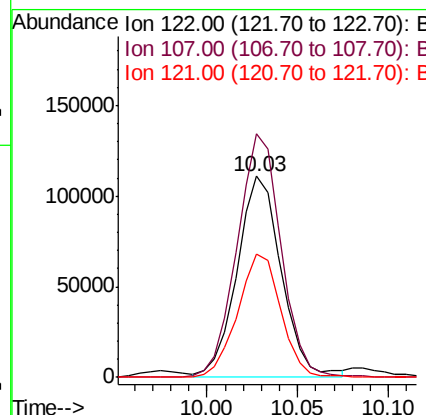
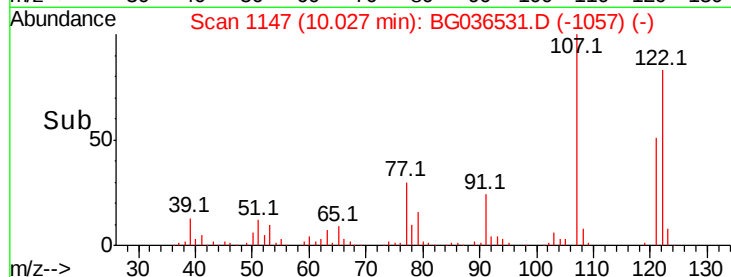
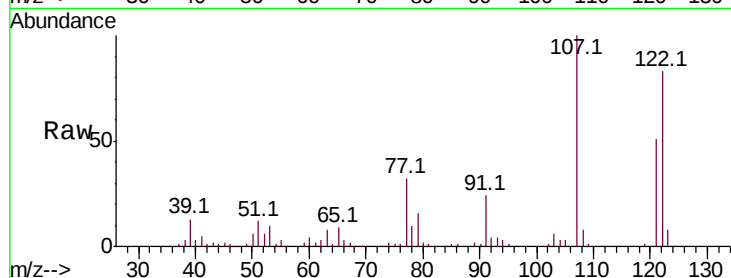
ClientSampled :

SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	188913		
107	120.9	96.0	144.0	
121	61.2	48.2	72.4	

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#28

bis(2-Chloroethoxy)methane

Concen: 40.470 ng

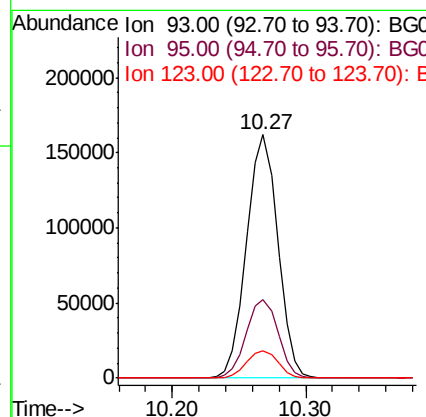
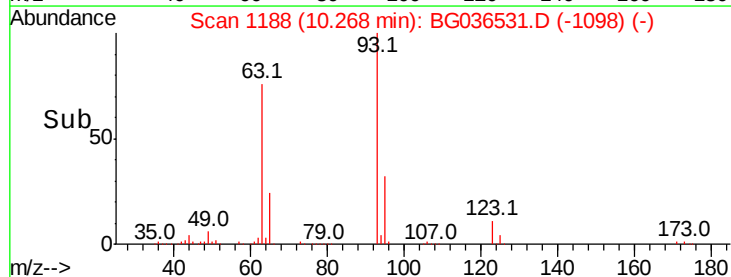
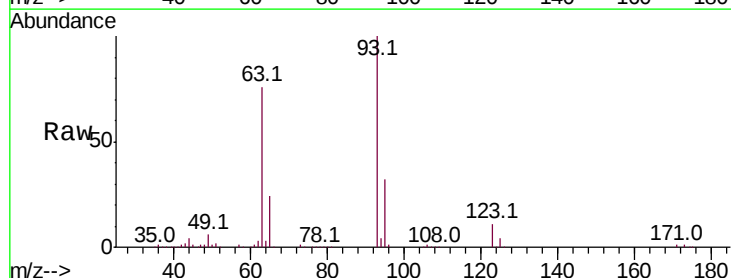
RT: 10.27 min Scan# 1188

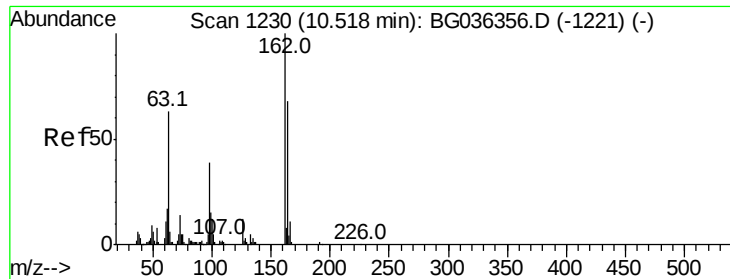
Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	261738		
95	32.2	25.2	37.8	
123	11.4	8.6	12.8	





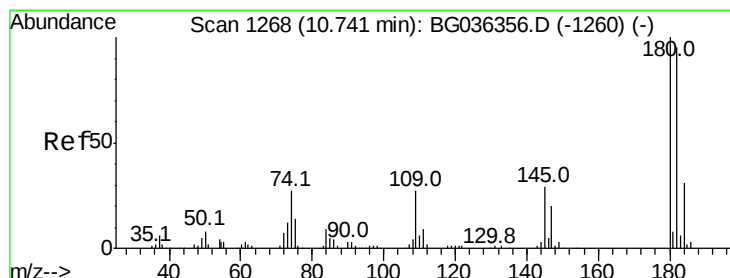
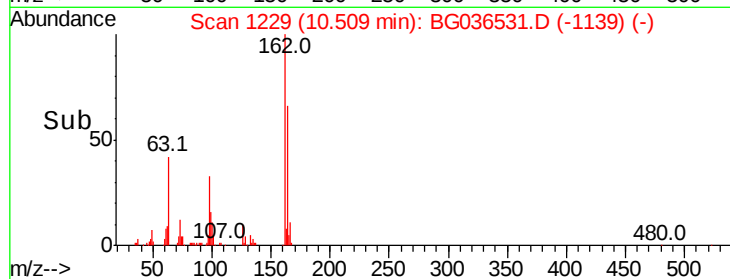
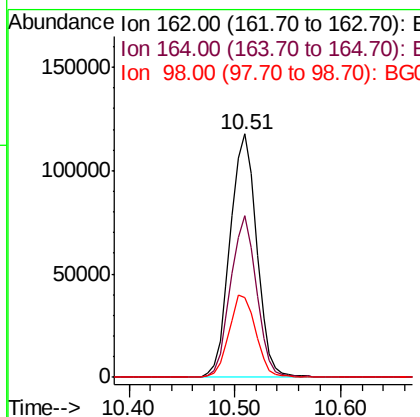
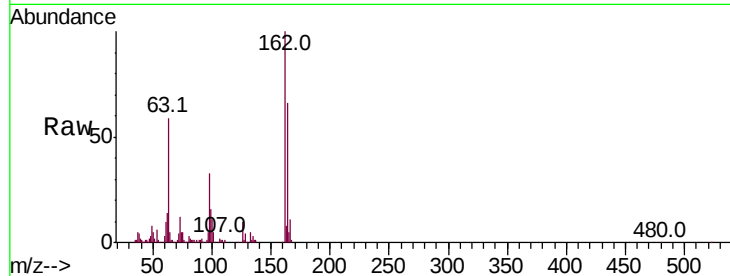
#29
2,4-Dichlorophenol
Concen: 44.624 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	47.6	87.6
98	33.0	19.2	59.2

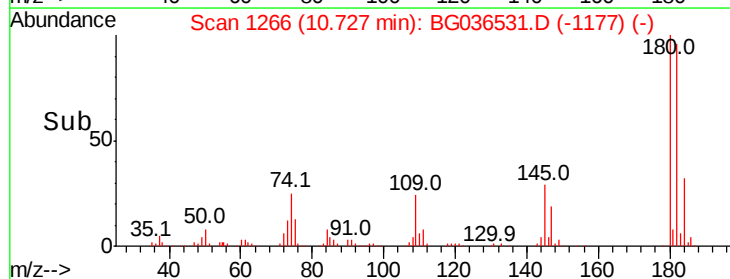
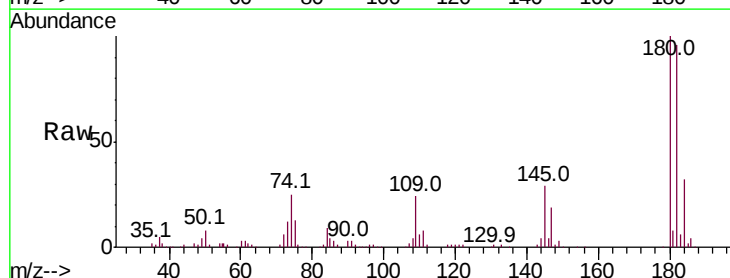
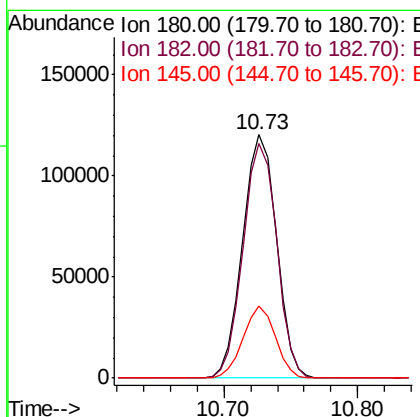
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#30
1,2,4-Trichlorobenzene
Concen: 39.289 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	29.5	22.9	34.3





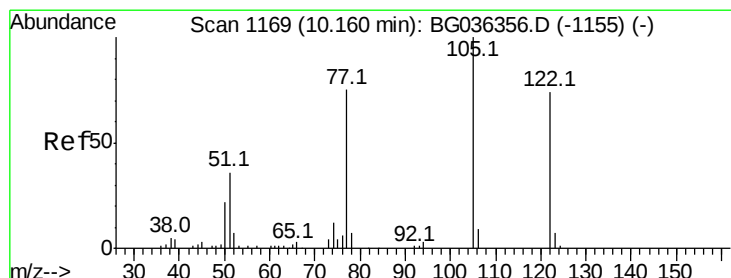
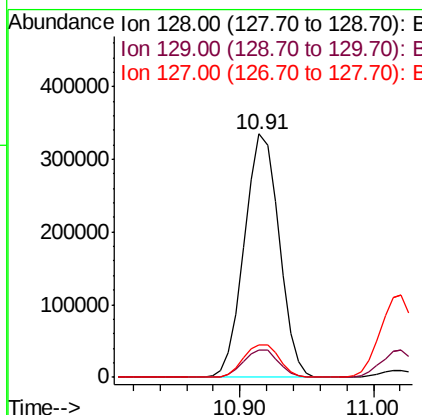
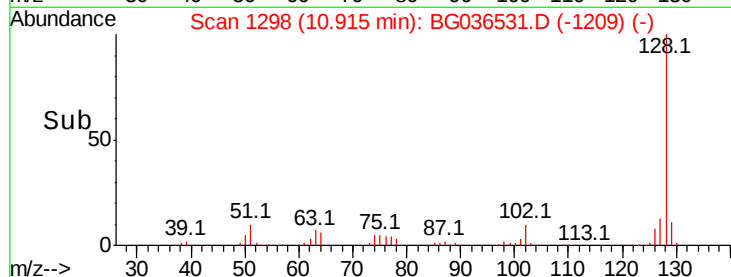
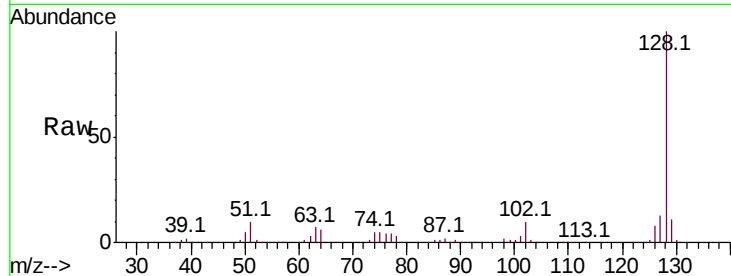
#31
Naphthalene
Concen: 41.922 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.2	11.0	16.4

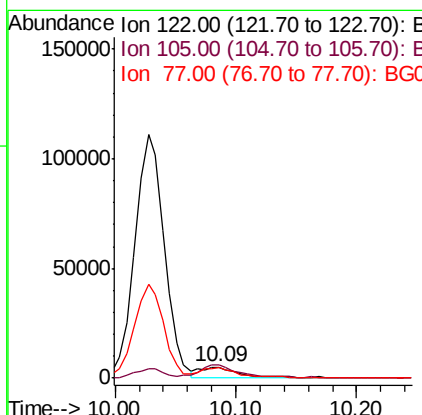
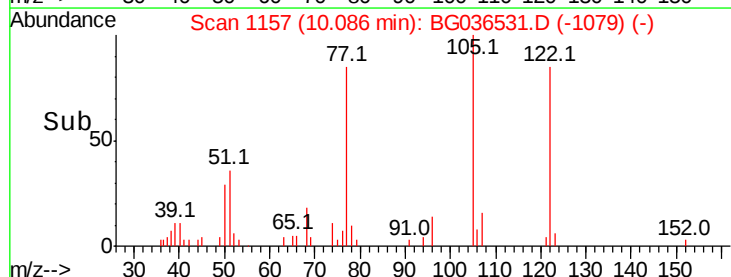
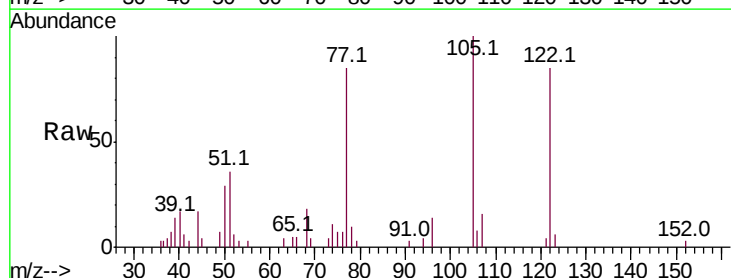
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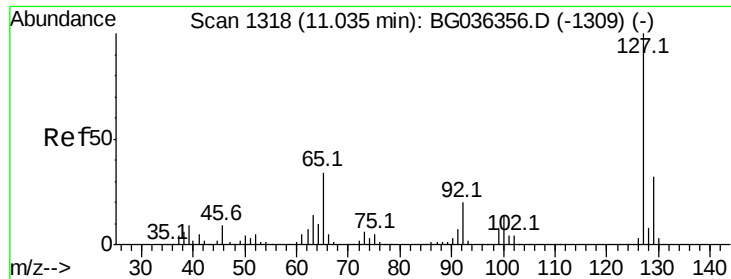
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#32
Benzoic acid
Concen: 8.055 ng m
RT: 10.09 min Scan# 1157
Delta R.T. -0.07 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	108.1	148.1
77	100.3	76.3	116.3





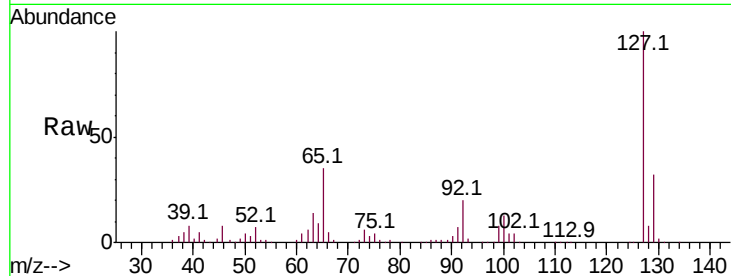
#33
4-Chloroaniline
Concen: 31.702 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

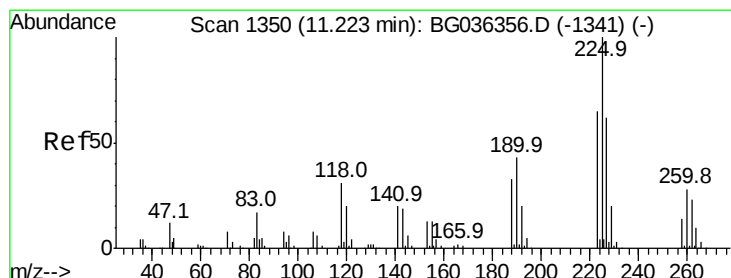
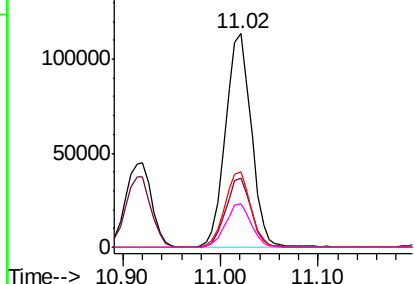
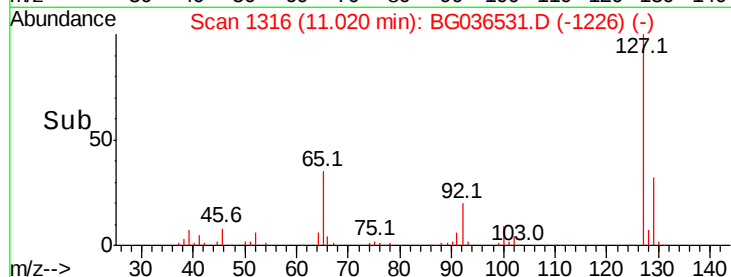
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	35.4	27.5	41.3
92	20.5	16.2	24.2

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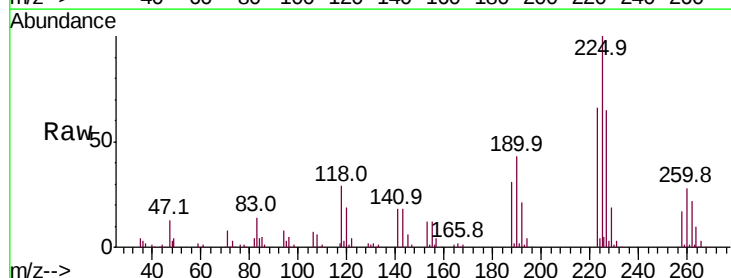


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

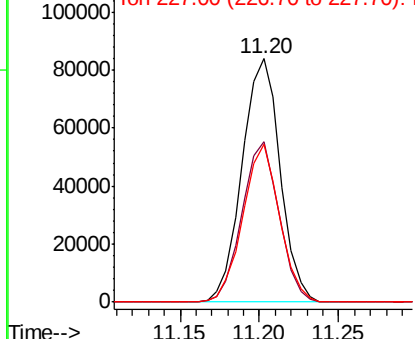
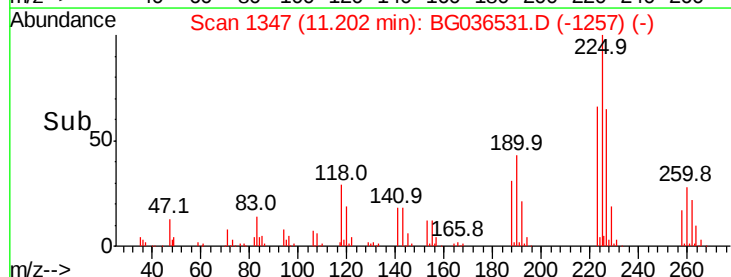


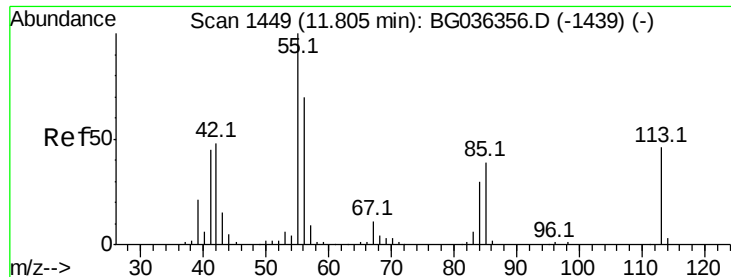
#34
Hexachlorobutadiene
Concen: 38.717 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	51.8	77.8
227	64.7	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: 40.304 ng/mL

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleID :

SB-03MSD

Tot Ion:113 Resp: 73844

Ion Ratio Lower Upper

113 100

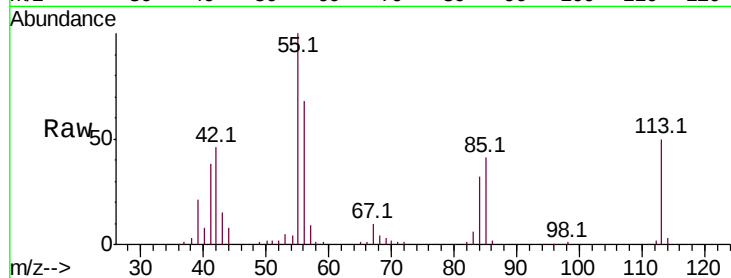
55 200.0 197.7 237.7

56 135.6 131.7 171.7

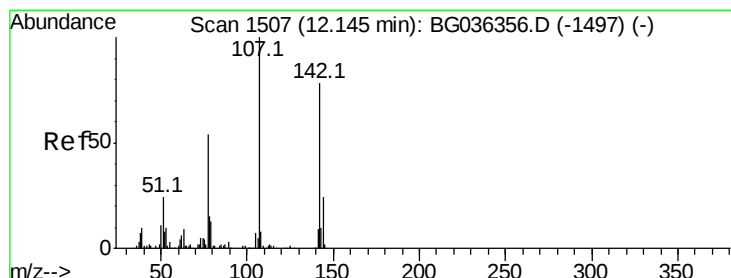
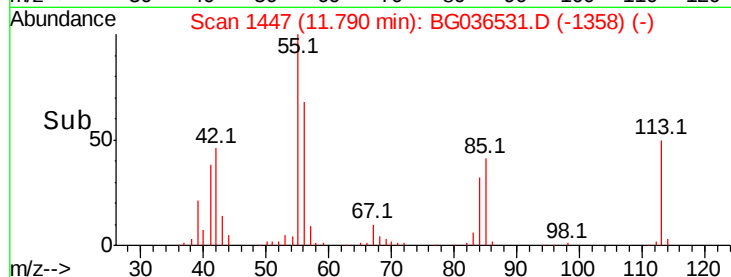
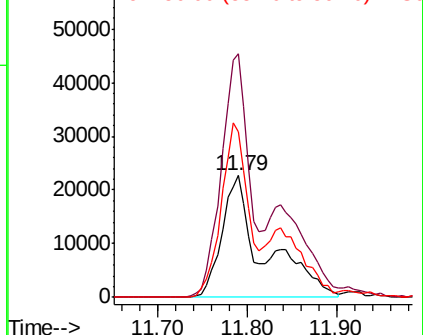
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGO
Ion 56.00 (55.70 to 56.70): BGO



#36

4-Chloro-3-methylphenol

Concen: 42.245 ng/mL

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

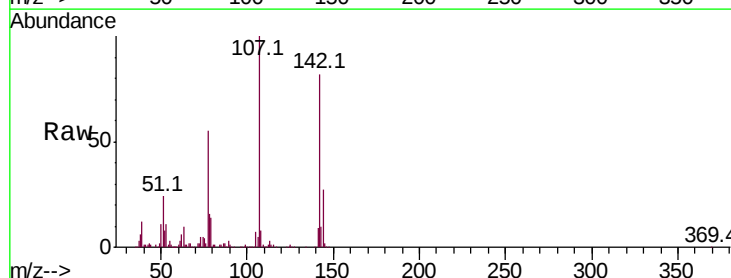
Tgt Ion:107 Resp: 225762

Ion Ratio Lower Upper

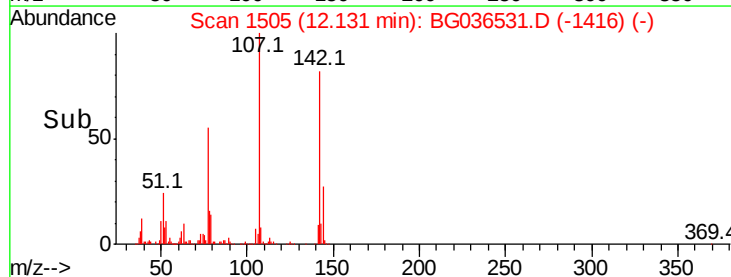
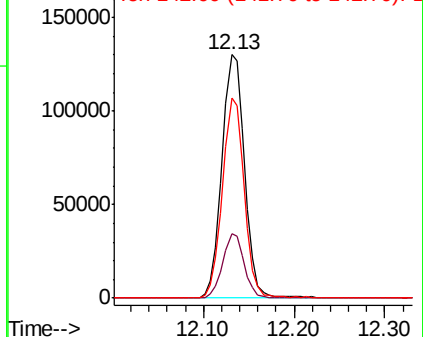
107 100

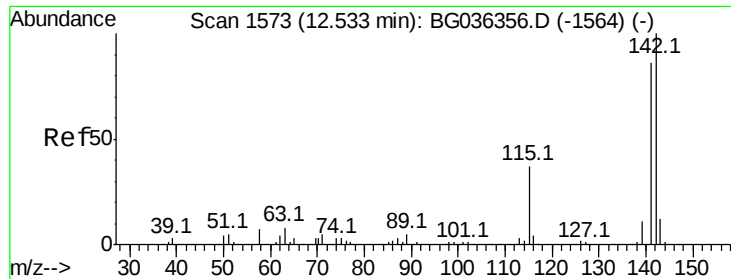
144 26.7 19.5 29.3

142 82.1 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





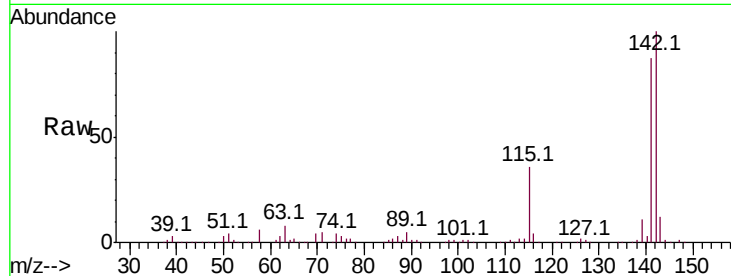
#37
2-Methylnaphthalene
Concen: 44.322 ng
RT: 12.52 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	68.5	102.7
115	36.2	29.8	44.8

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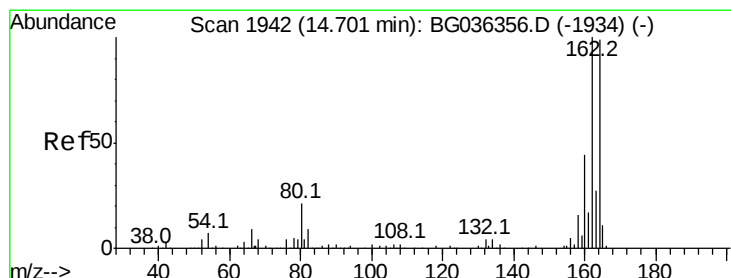
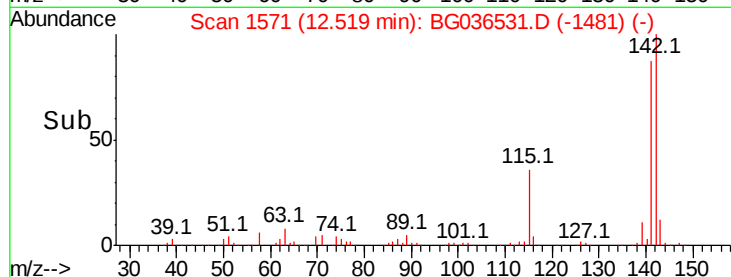
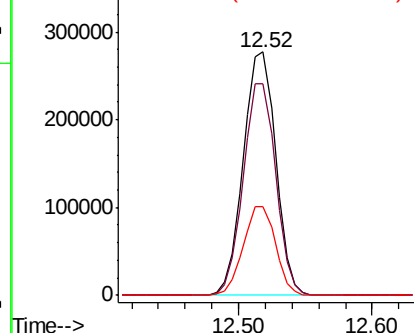


Abundance

Ion 142.00 (141.70 to 142.70): E

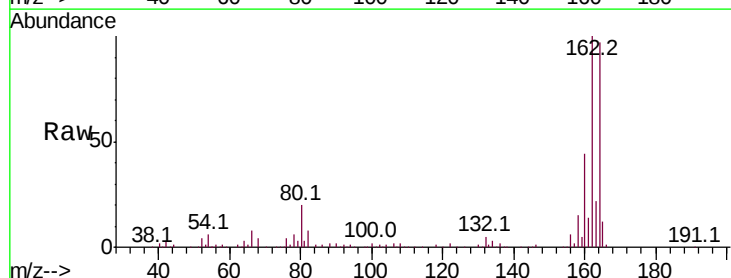
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.7	121.1
160	44.8	35.3	52.9

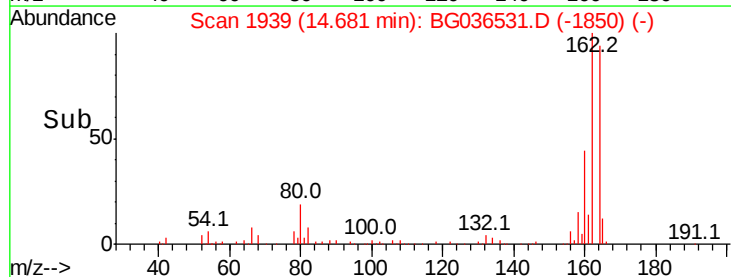
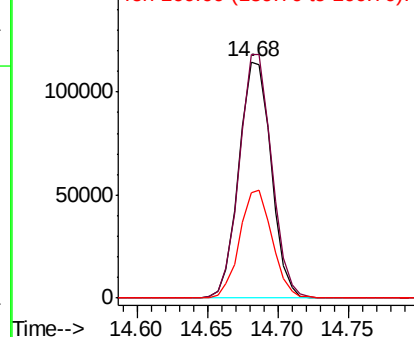


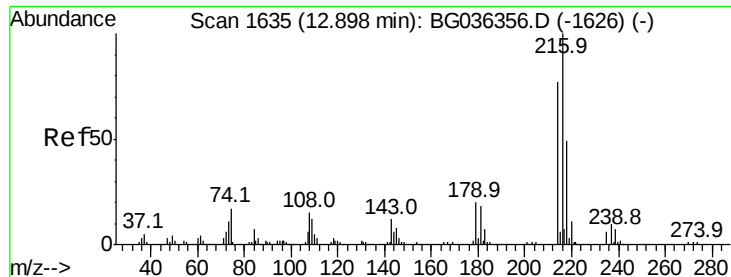
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





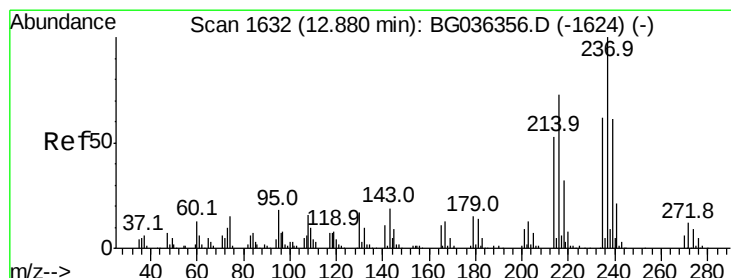
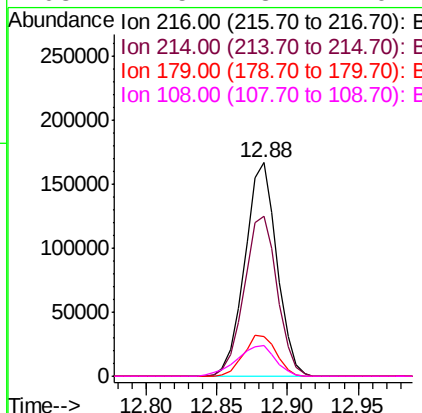
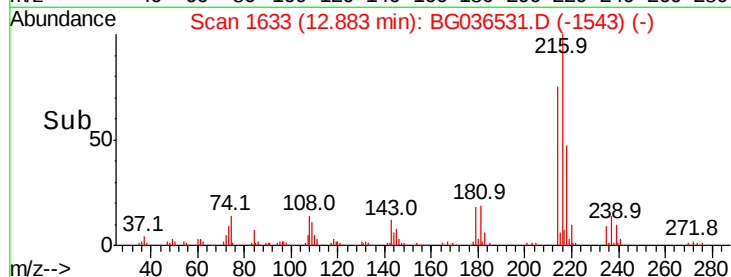
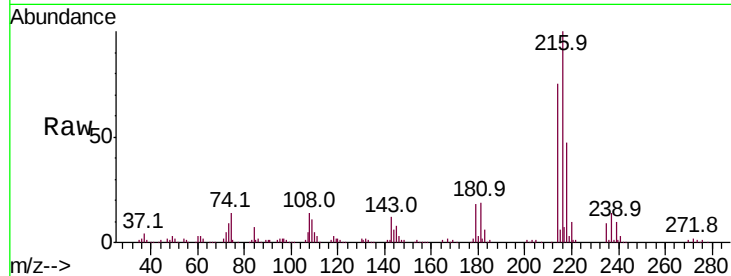
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.849 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	264709		
214	77.1	61.0	91.6	
179	19.4	15.7	23.5	
108	17.5	13.1	19.7	

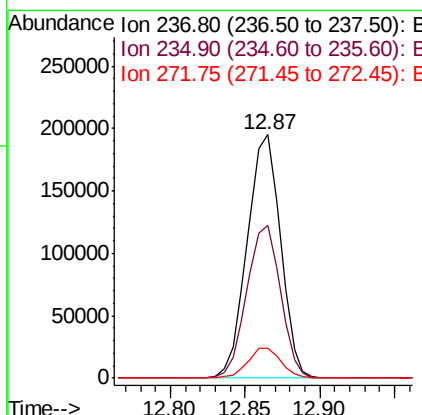
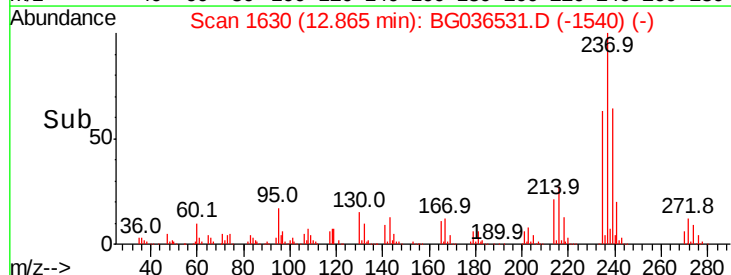
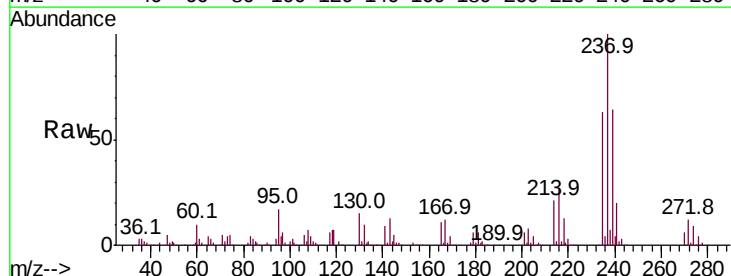
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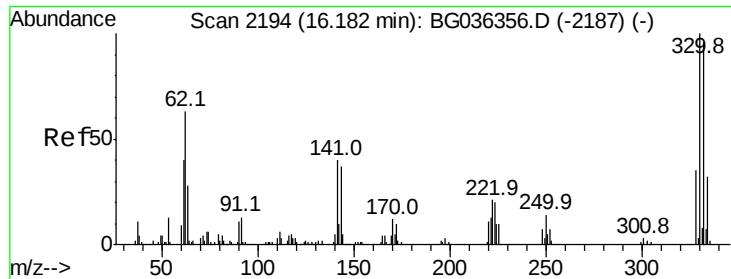
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#40
 Hexachlorocyclopentadiene
 Concen: 89.295 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	301070		
235	62.8	42.2	82.2	
272	12.2	0.0	32.1	





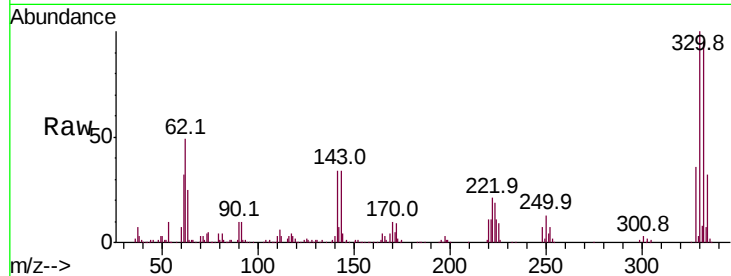
#41
 2,4,6-Tribromophenol
 Concen: 126.762 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	276969		
332	96.3		75.4	113.2
141	36.4		30.7	46.1

Manual Integrations
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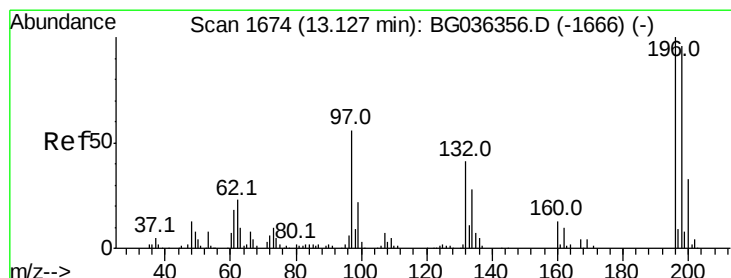
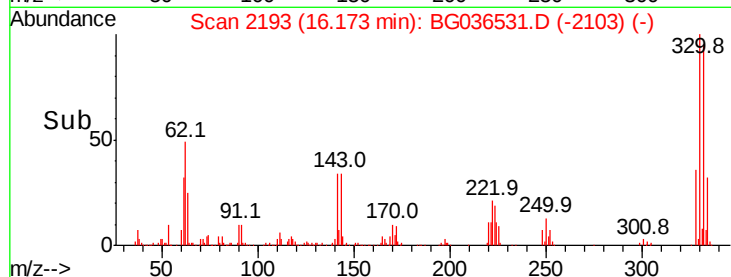
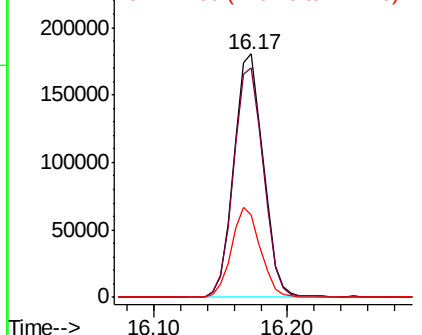


Abundance

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: 43.989 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

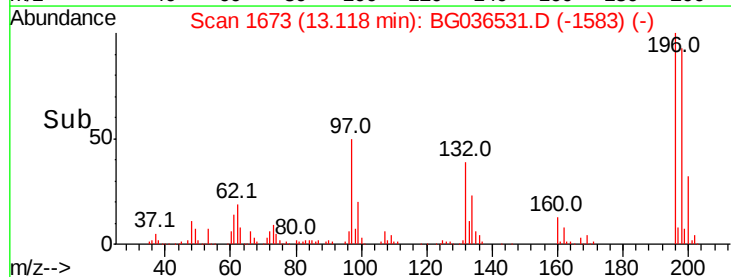
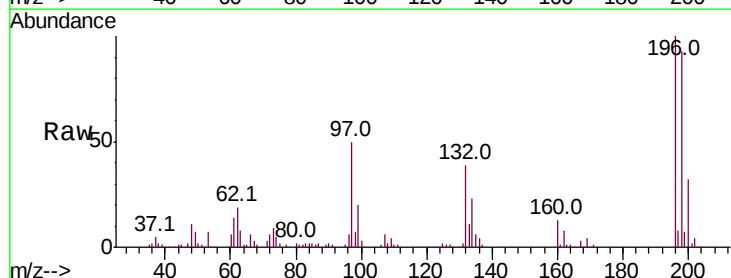
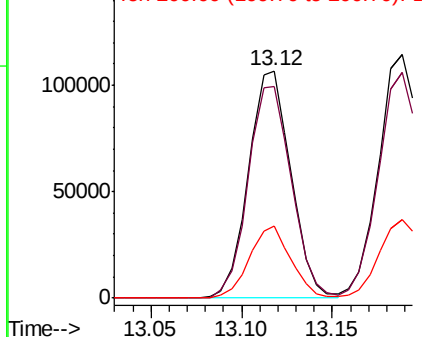
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173642		
198	92.9		77.2	115.8
200	31.8		26.3	39.5

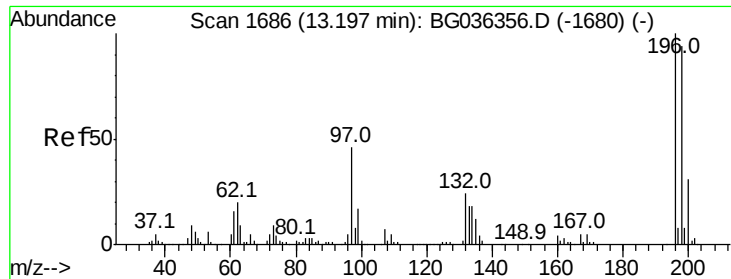
Abundance

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





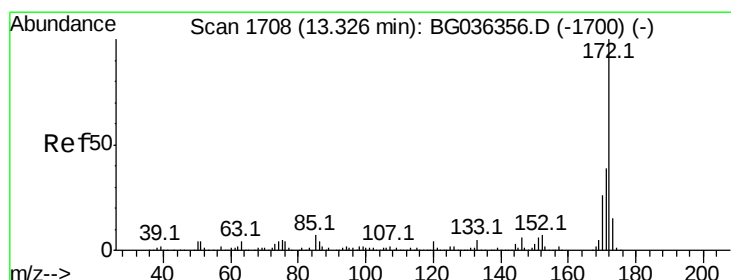
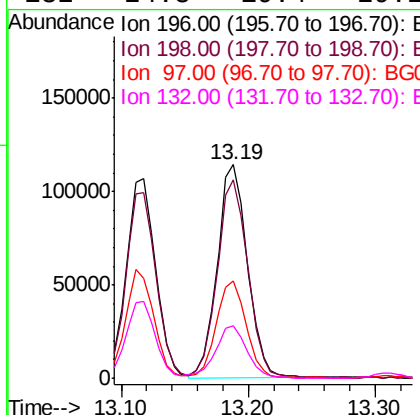
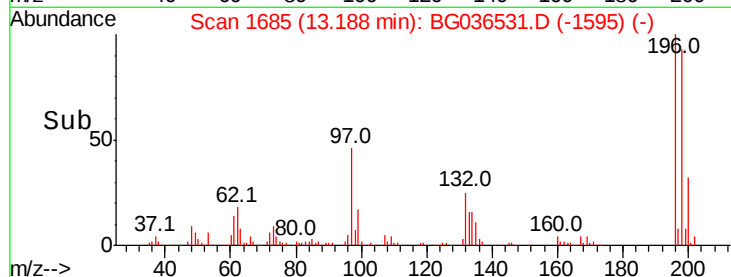
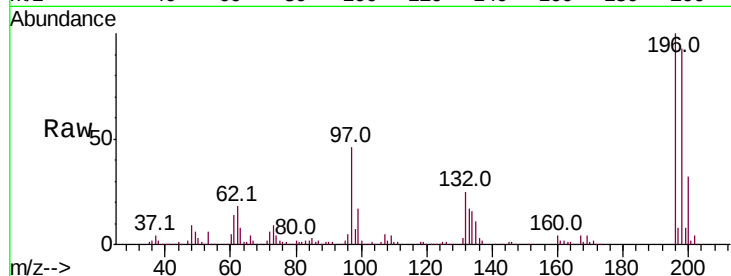
#43
 2,4,5-Trichlorophenol
 Concen: 45.107 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189916		
198	92.7	75.6	113.4	
97	45.6	37.2	55.8	
132	24.8	19.4	29.2	

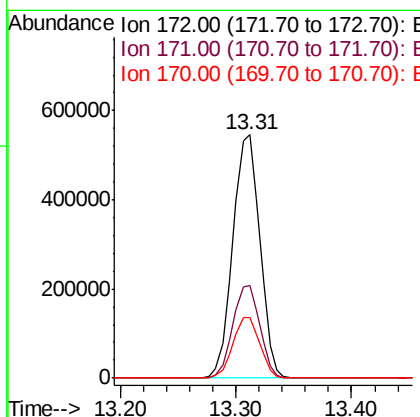
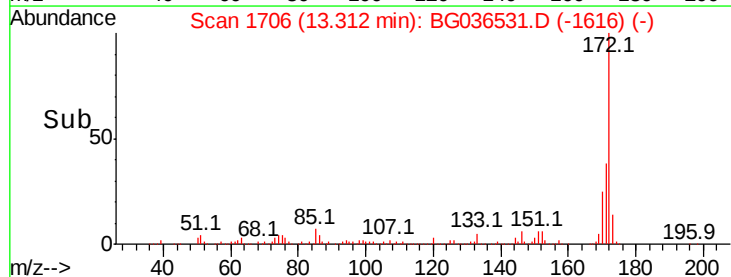
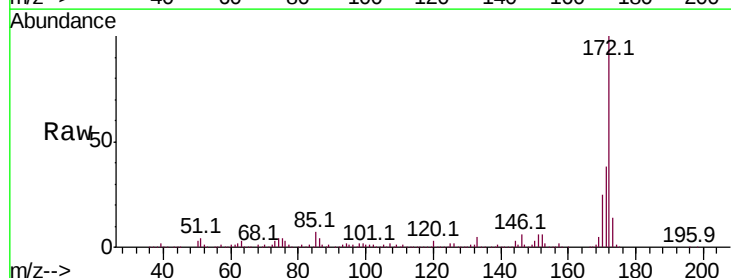
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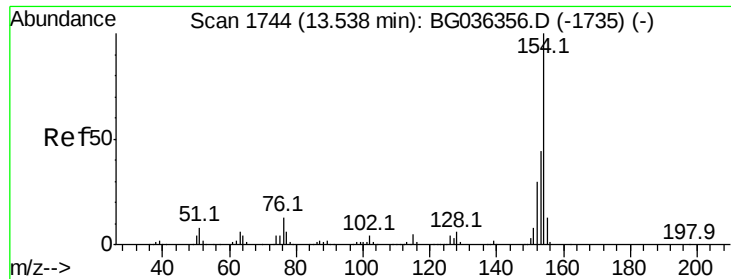
Sohil
 9/5/2018 3:13:06 PM



#44
 2-Fluorobiphenyl
 Concen: 68.875 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	883296		
171	38.0	31.3	46.9	
170	25.1	21.0	31.6	





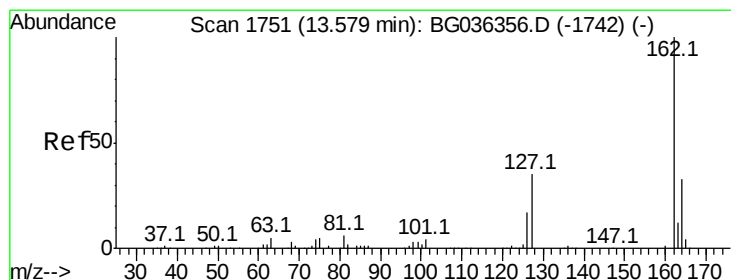
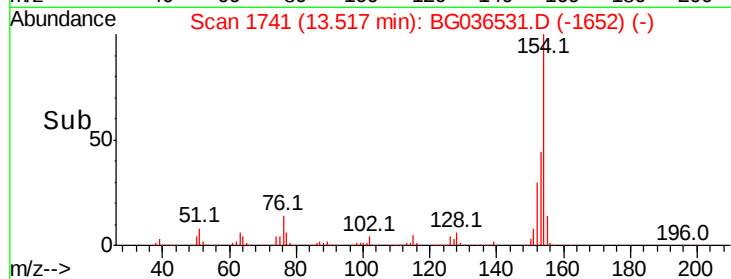
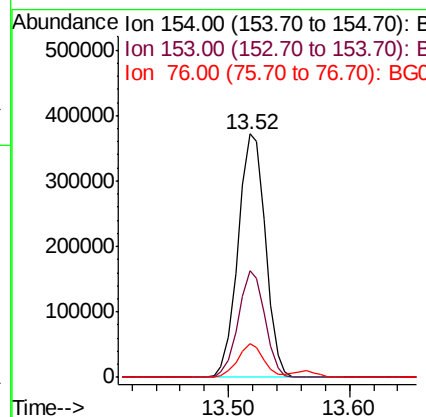
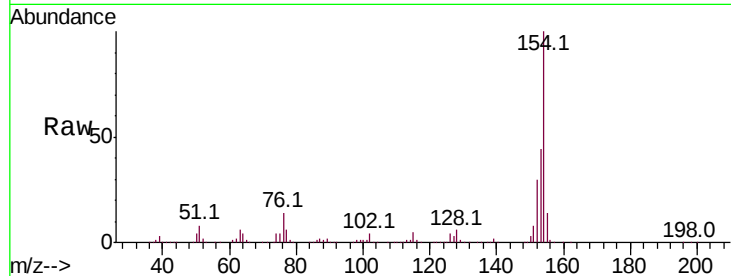
#45
 1,1'-Biphenyl
 Concen: 38.539 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleID :
 SB-03MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.0	24.0	64.0
76	14.0	0.0	32.9

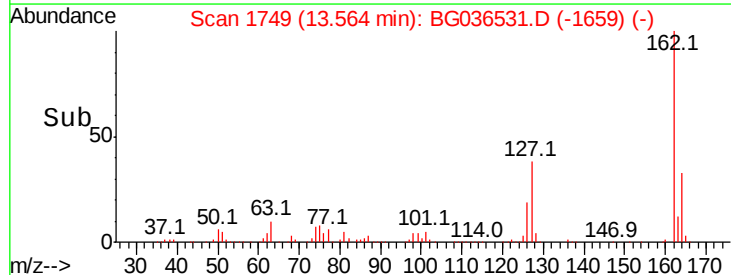
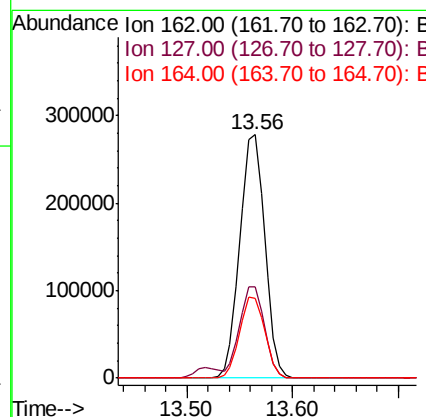
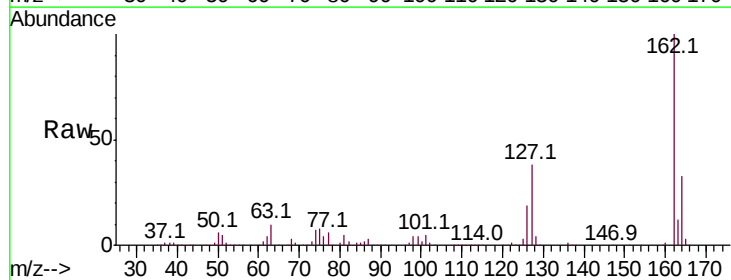
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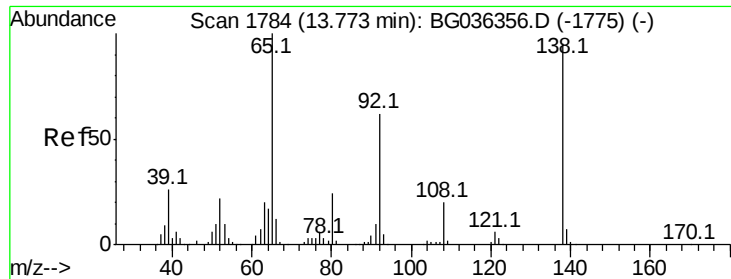
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#46
 2-Chloronaphthalene
 Concen: 39.291 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.7	46.1
164	32.9	26.7	40.1





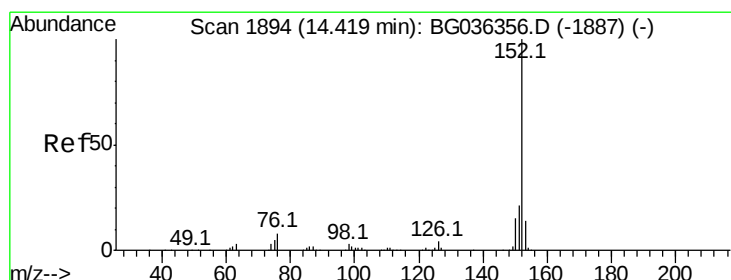
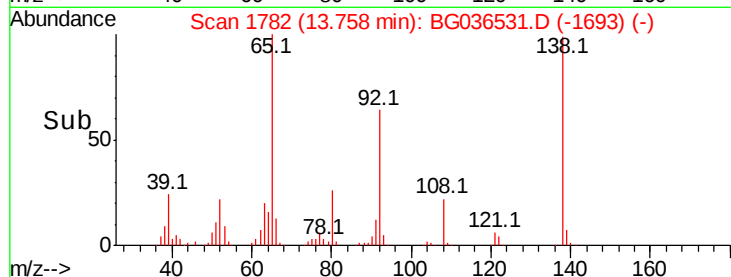
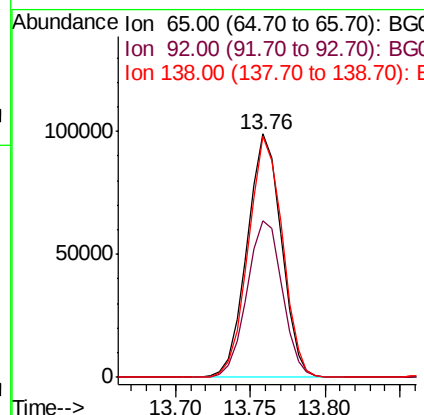
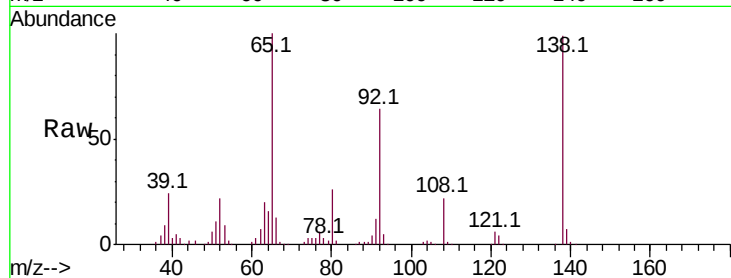
#47
2-Nitroaniline
Concen: 43.149 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampled :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.5	49.9	74.9
138	99.2	76.2	114.4

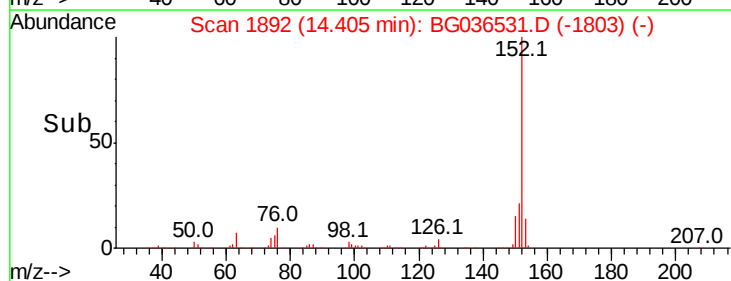
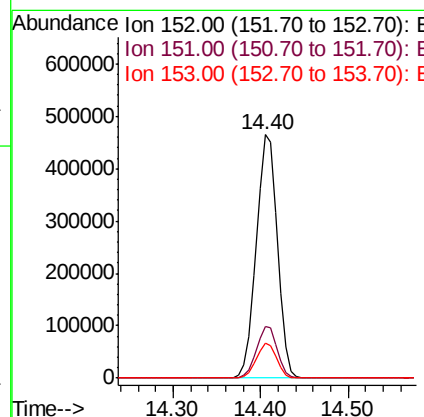
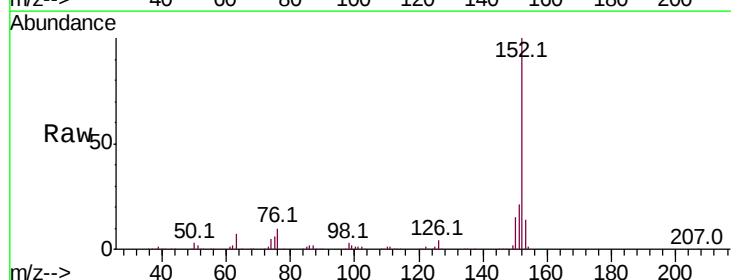
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#48
Acenaphthylene
Concen: 41.750 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.9	25.3
153	14.1	11.2	16.8





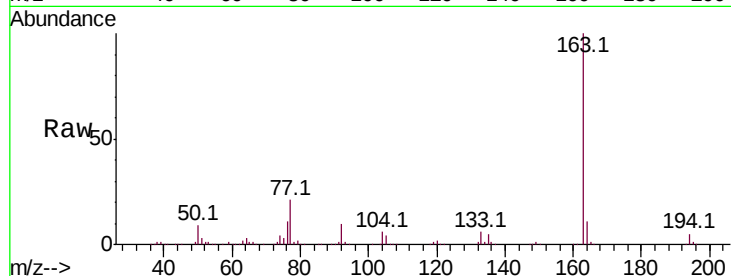
#49
Dimethylphthalate
Concen: 54.781 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	819091		
194	5.3	4.0	6.0	
164	11.1	8.1	12.1	

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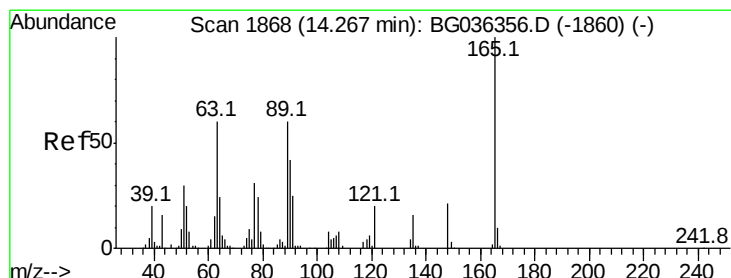
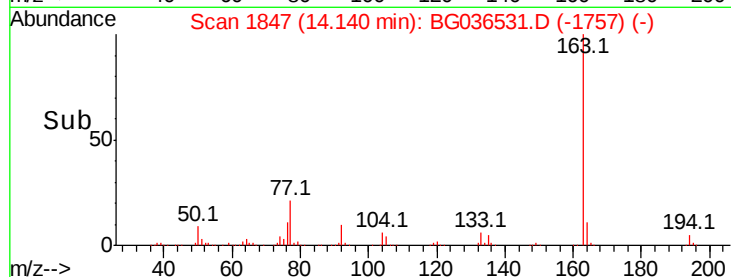
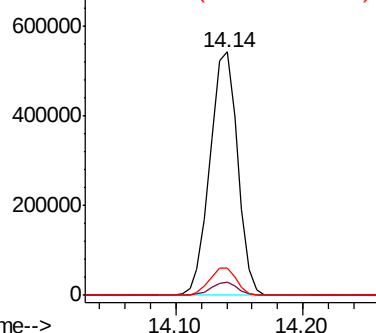


Abundance

Ion 163.00 (162.70 to 163.70): E

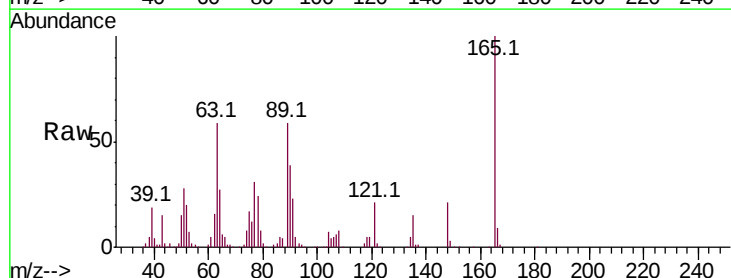
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 41.996 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129210		
63	58.9	50.1	75.1	
89	58.7	47.8	71.6	

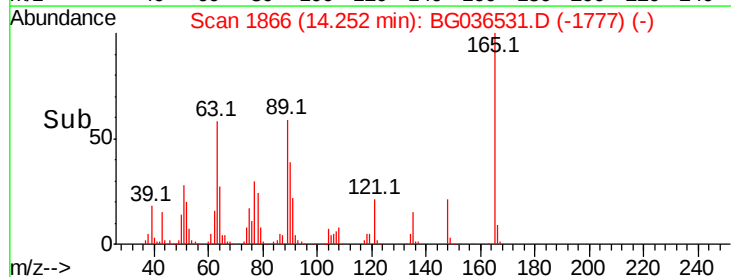
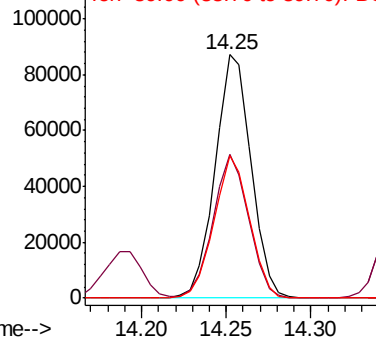


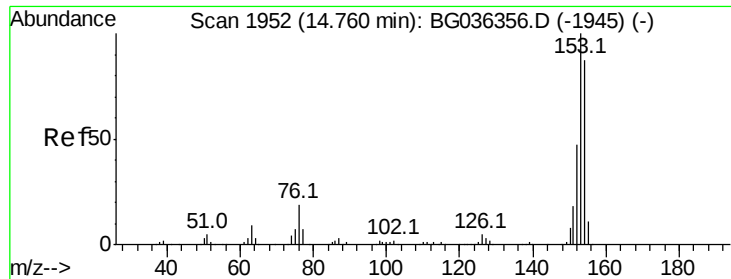
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.040 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

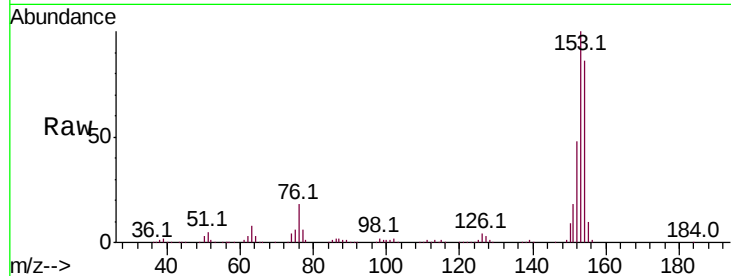
ClientSampled :

SB-03MSD

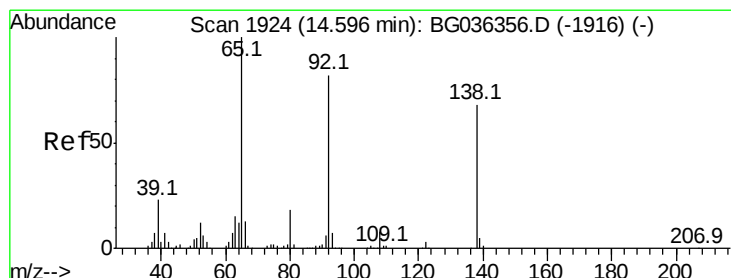
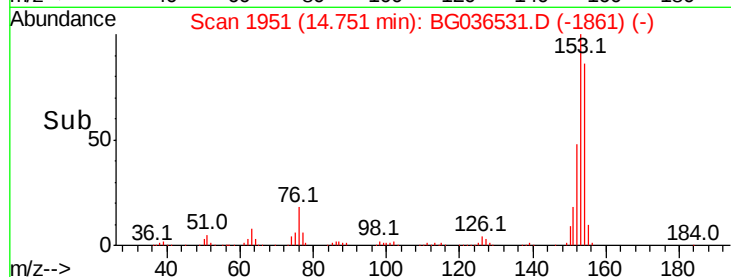
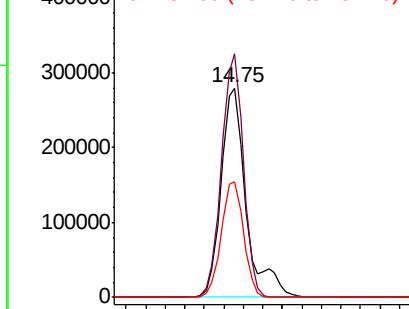
Tot Ion:	154	Resp:	499886
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.8	137.6
152	55.2	43.5	65.3

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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: 38.433 ng

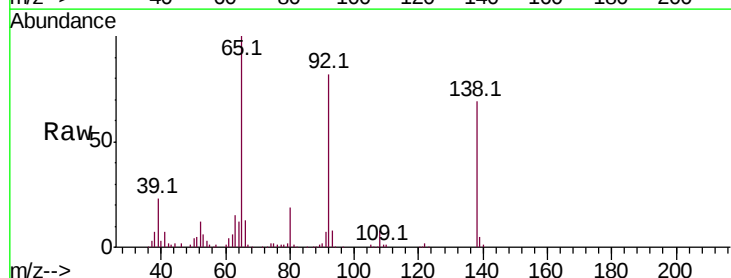
RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

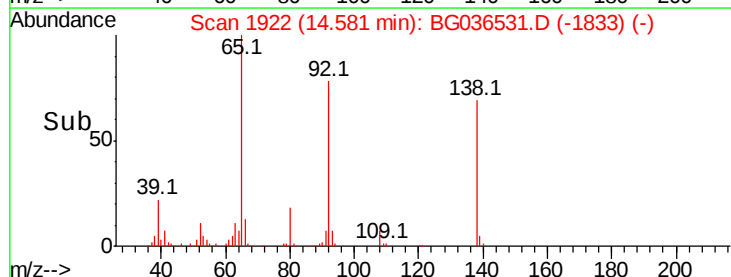
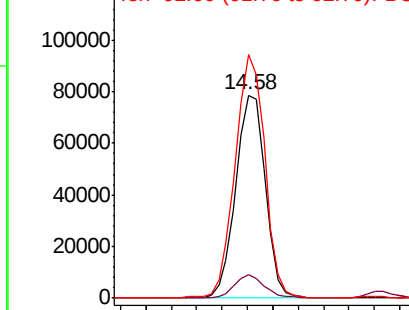
Lab File: BG036531.D

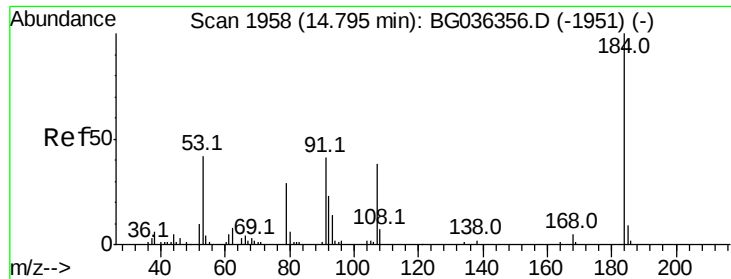
Acq: 4 Sep 2018 14:34

Tgt Ion:	138	Resp:	127428
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.4	14.2
92	119.9	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





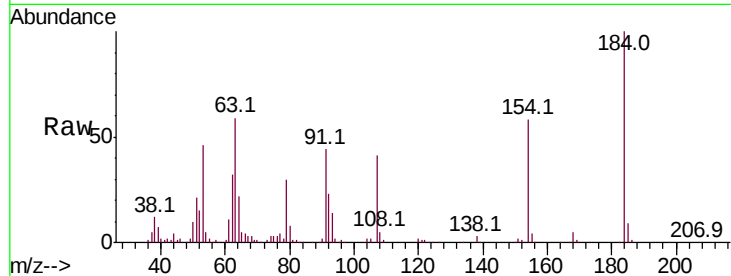
#53
2,4-Dinitrophenol
Concen: 87.505 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

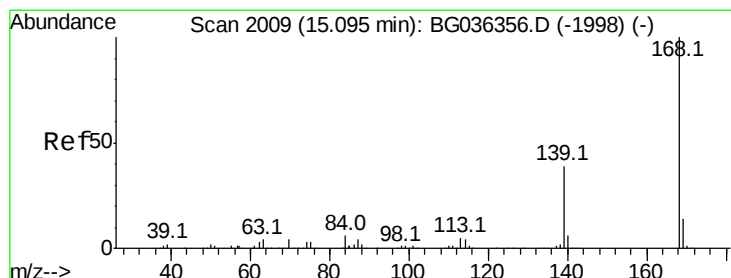
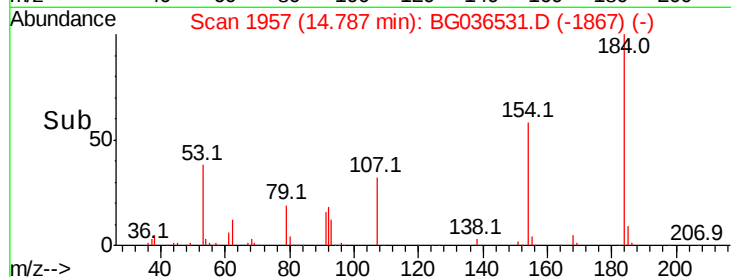
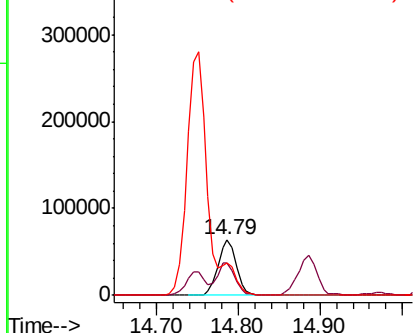
Tot Ion	Ratio	Lower	Upper
184	100		
63	58.7	47.3	70.9
154	58.0	51.1	76.7

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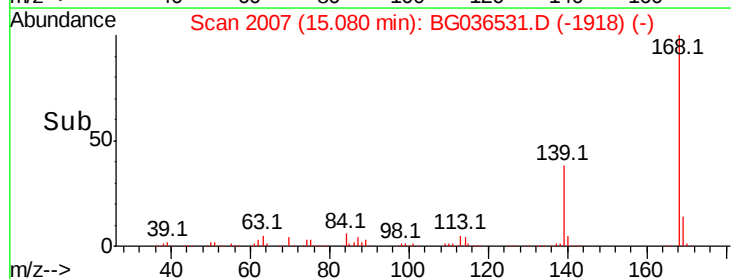
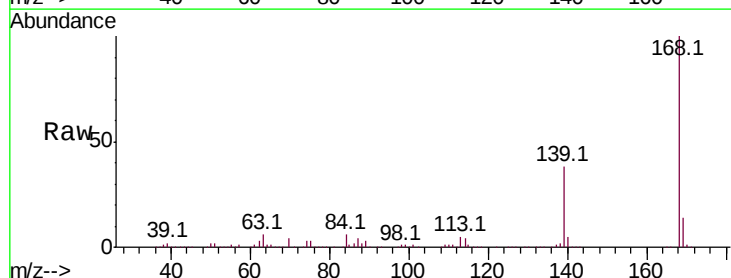
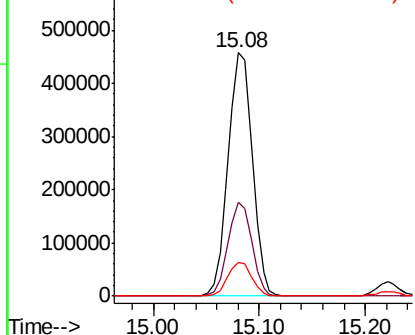
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

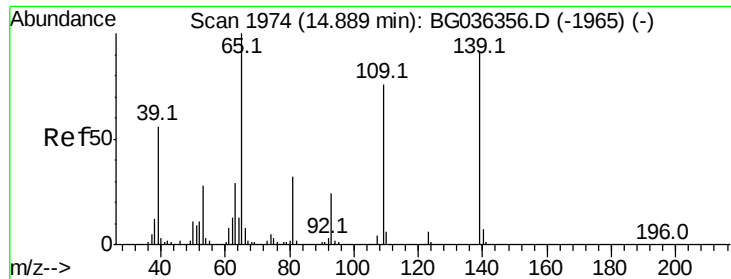


#54
Dibenzofuran
Concen: 39.788 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.0	46.6
169	13.9	11.1	16.7

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





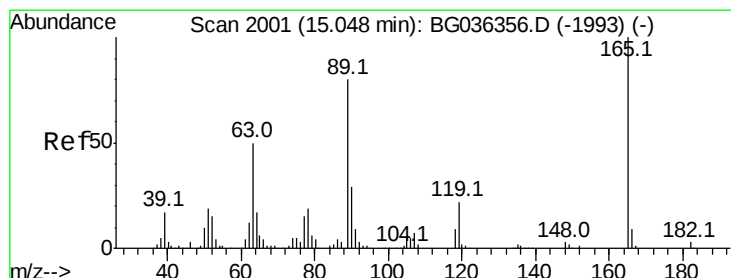
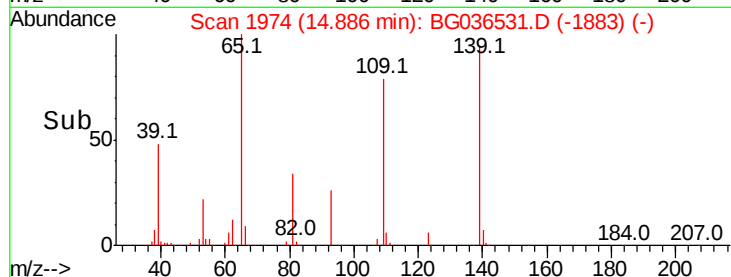
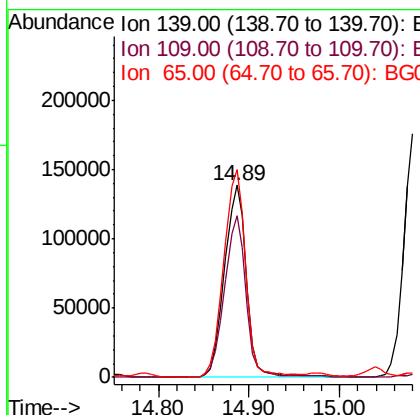
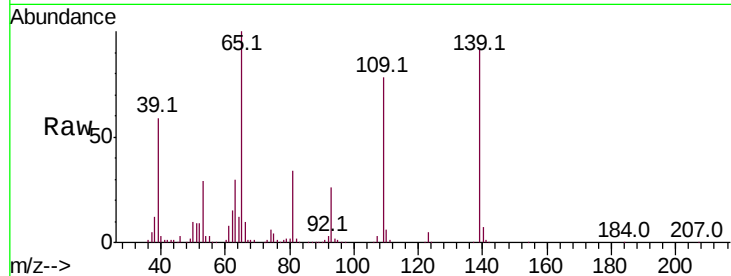
#55
4-Nitrophenol
Concen: 86.239 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	233788		
109	84.2	63.9	103.9	
65	108.2	90.0	130.0	

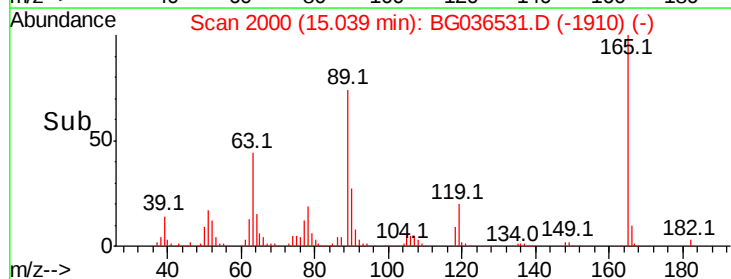
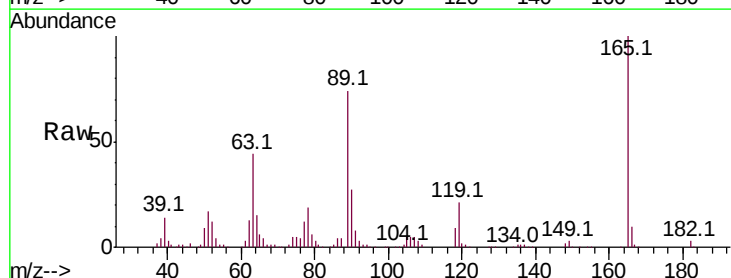
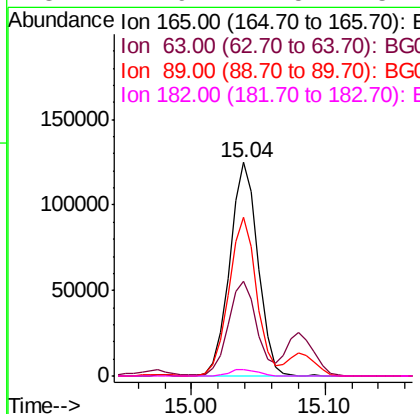
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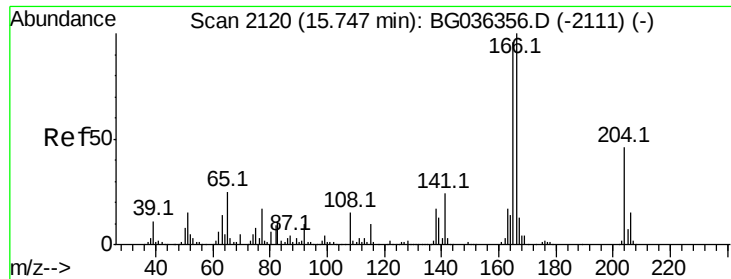
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#56
2,4-Dinitrotoluene
Concen: 45.813 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183705		
63	44.2	40.1	60.1	
89	74.1	63.7	95.5	
182	2.9	2.5	3.7	





#57

Fluorene

Concen: 42.162 ng

RT: 15.73 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

Tot Ion:166 Resp: 573503

Ion Ratio Lower Upper

166 100

165 99.2 77.0 115.4

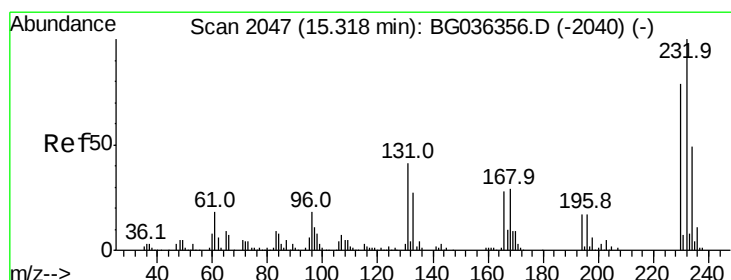
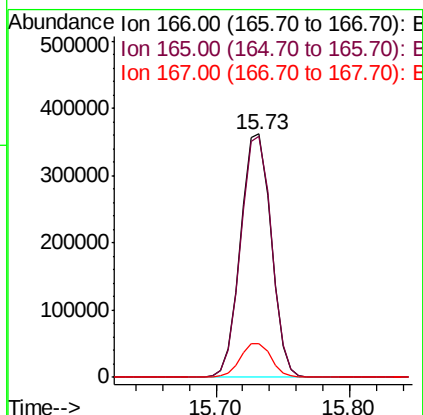
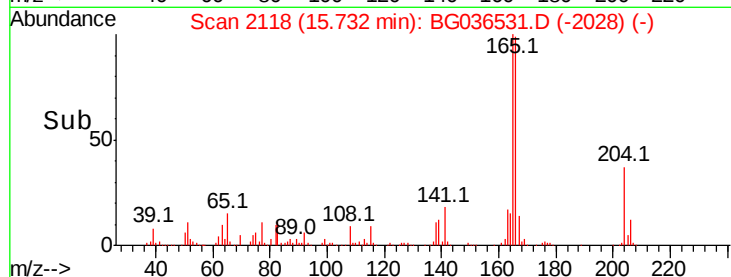
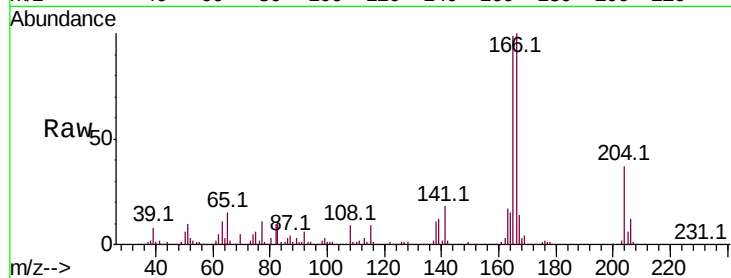
167 14.0 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.875 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:232 Resp: 189382

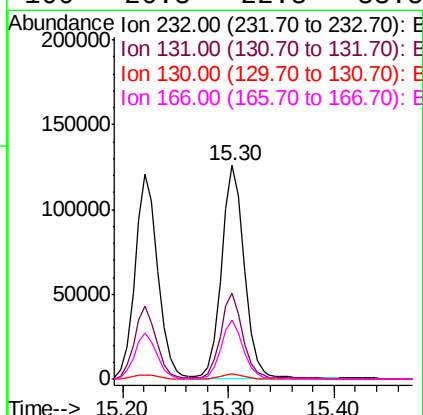
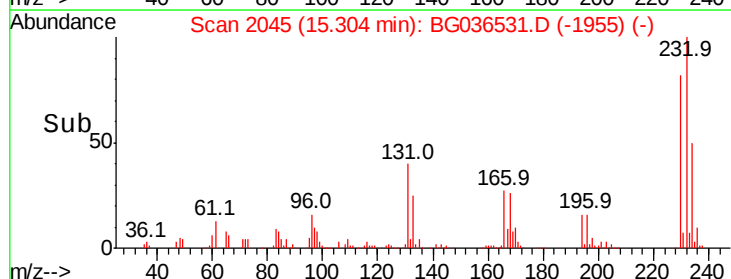
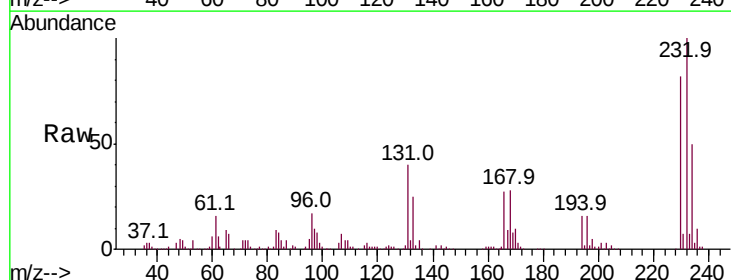
Ion Ratio Lower Upper

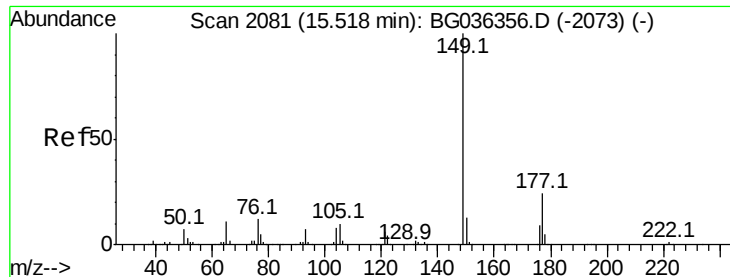
232 100

131 38.3 33.8 50.8

130 2.2 2.1 3.1

166 26.3 22.3 33.5





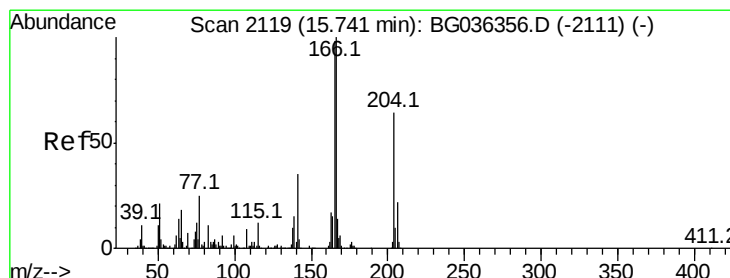
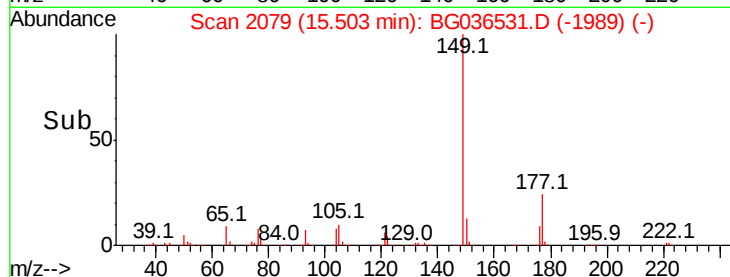
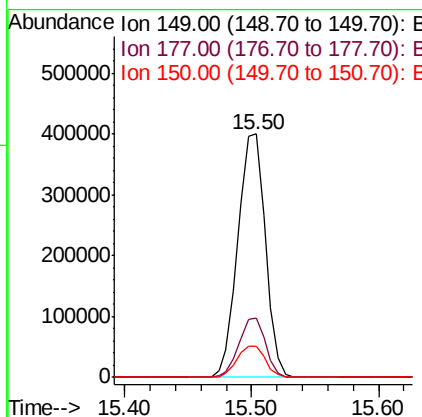
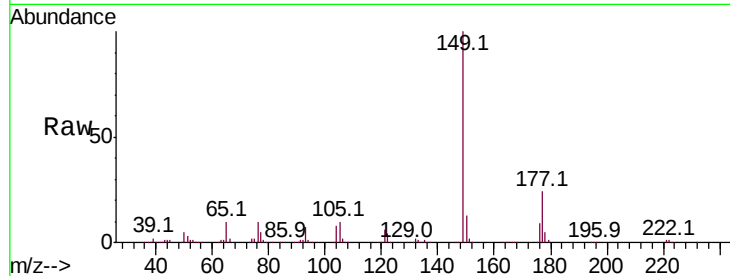
#59
Diethylphthalate
Concen: 39.783 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampled :
SB-03MSD

Tot Ion:	149	Resp:	599480
Ion Ratio	Lower	Upper	
149	100		
177	24.3	19.1	28.7
150	12.9	10.7	16.1

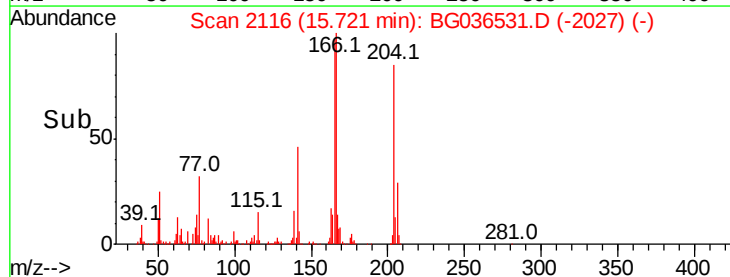
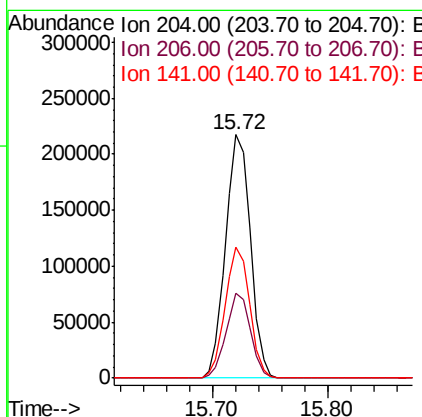
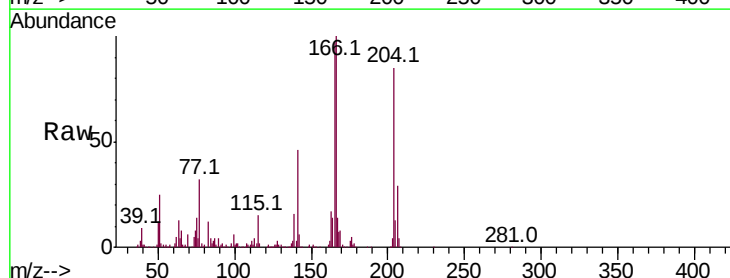
Manual Integrations
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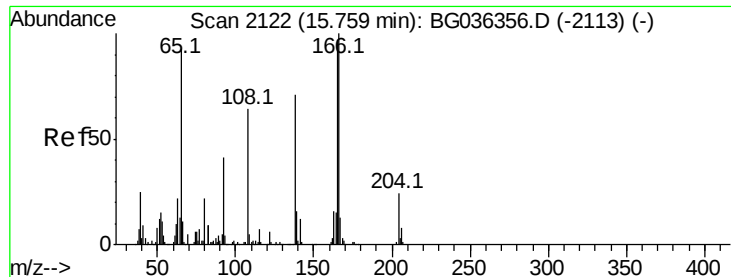
Sohil
9/5/2018 3:13:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.736 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:	204	Resp:	325360
Ion Ratio	Lower	Upper	
204	100		
206	34.6	27.0	40.4
141	53.8	43.8	65.6





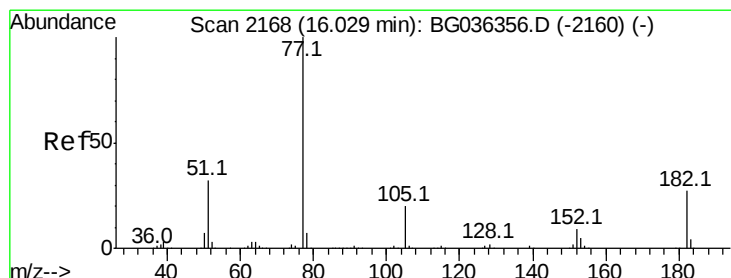
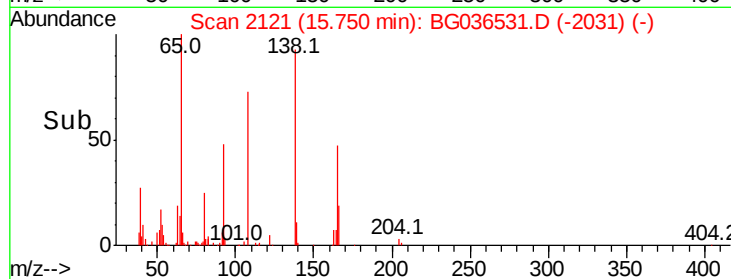
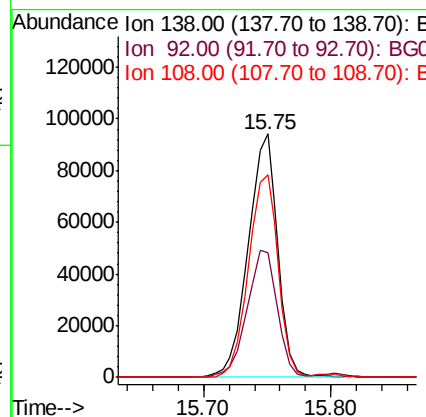
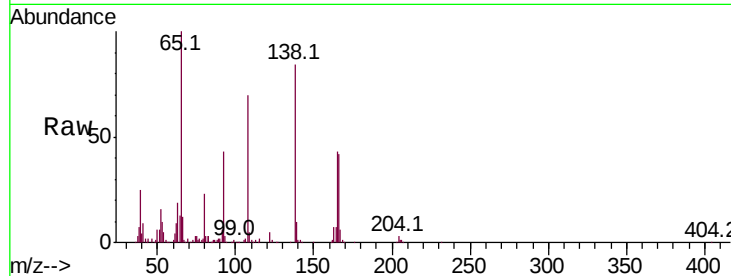
#61
4-Nitroaniline
Concen: 43.907 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.3	38.5	78.5
108	83.2	70.3	110.3

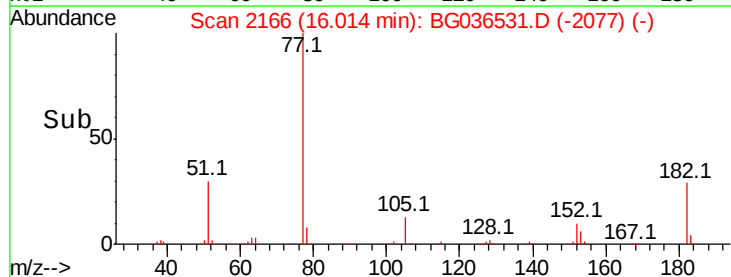
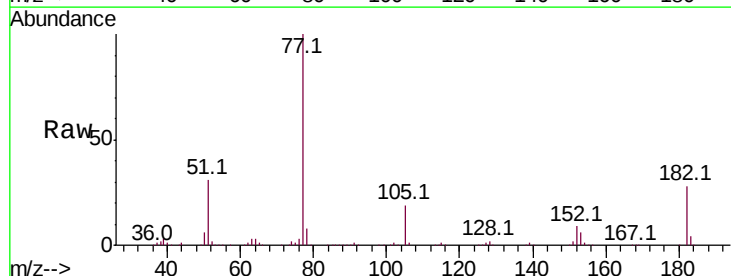
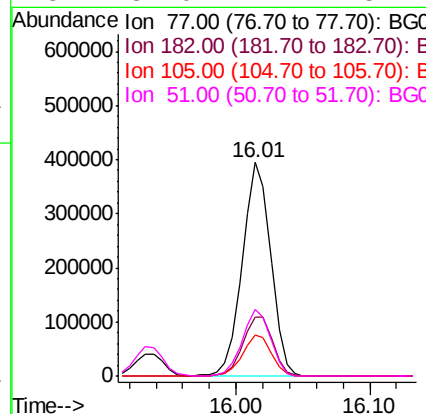
Manual Integrations
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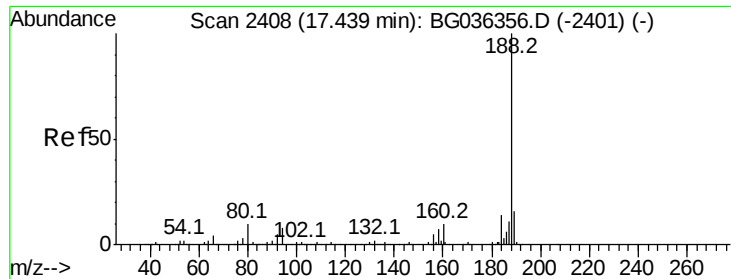
Sohil
9/5/2018 3:13:06 PM



#62
Azobenzene
Concen: 37.826 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.7	46.7
105	19.4	0.0	39.8
51	31.0	12.4	52.4





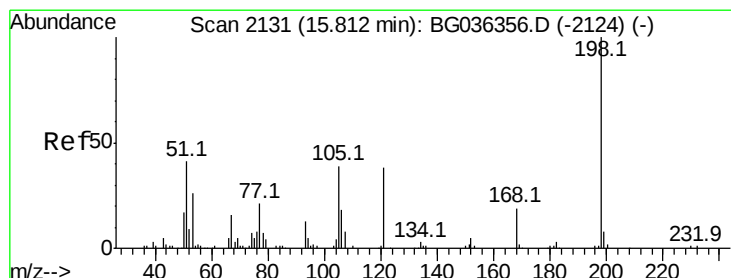
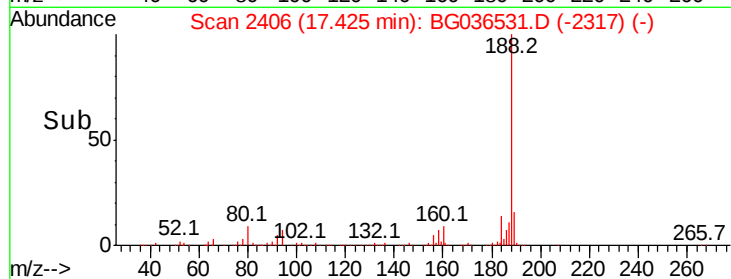
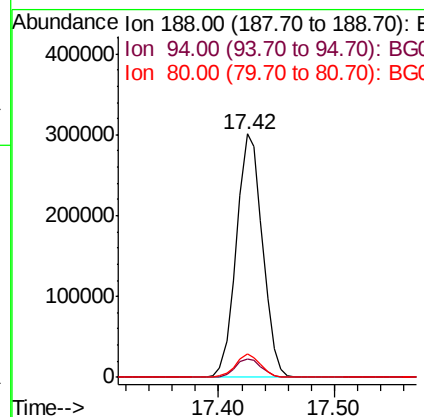
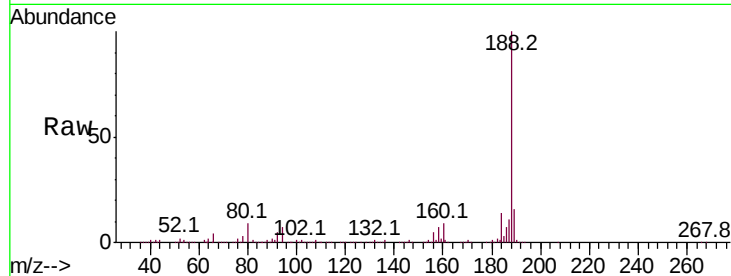
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	469886		
94	7.4		6.7	10.1
80	9.4		8.1	12.1

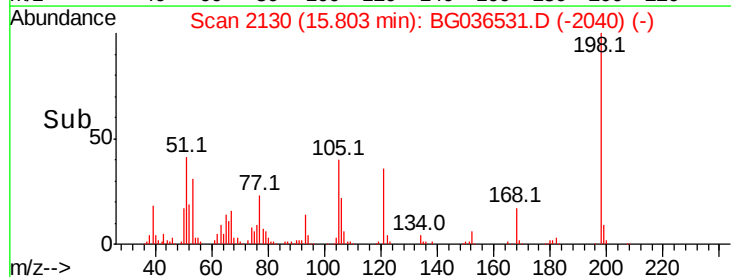
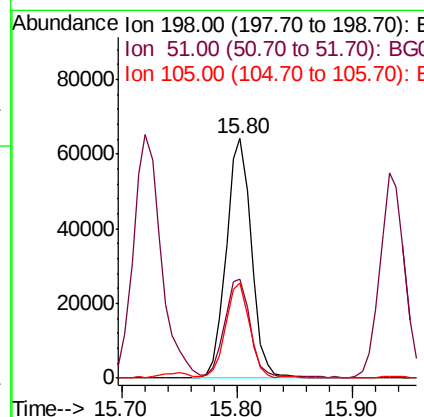
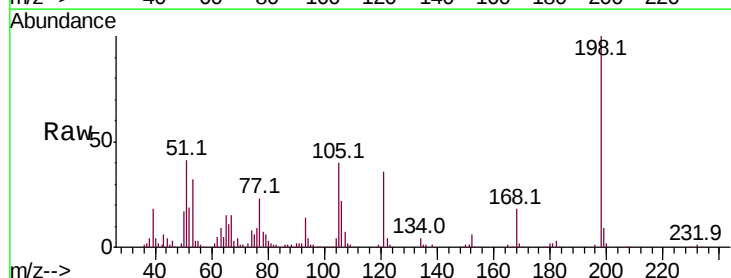
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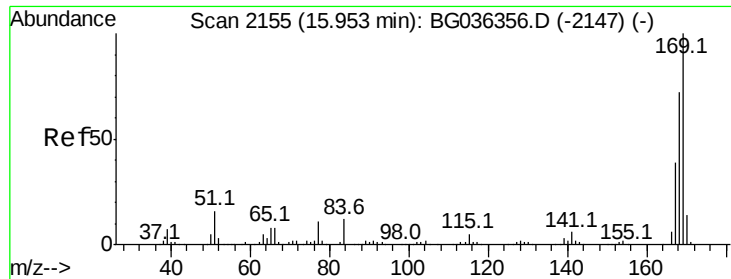
Sohil
9/5/2018 3:13:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.808 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	96618		
51	41.5		26.5	66.5
105	39.9		20.2	60.2





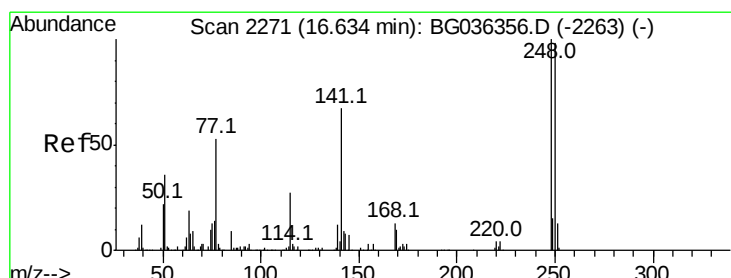
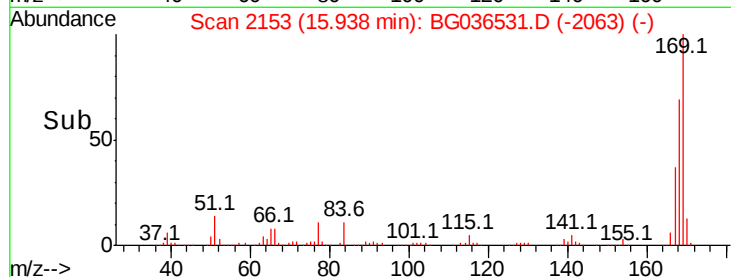
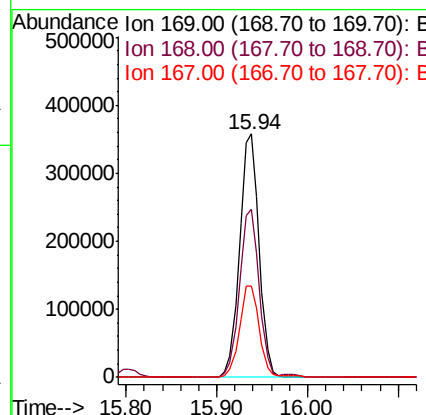
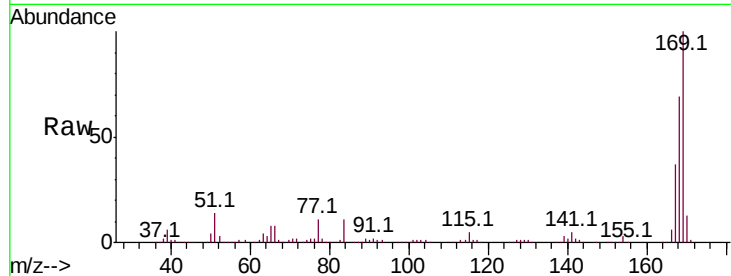
#65
 n-Nitrosodiphenylamine
 Concen: 38.502 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.0		57.6	86.4
167	37.5		31.0	46.4

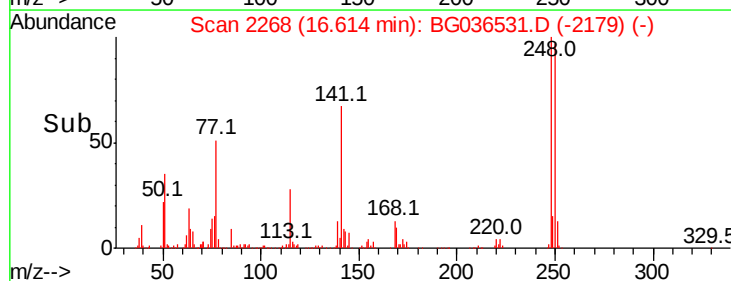
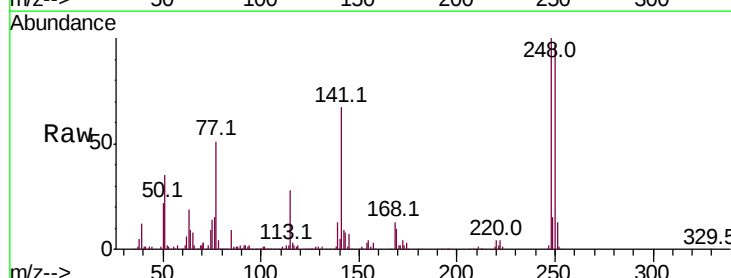
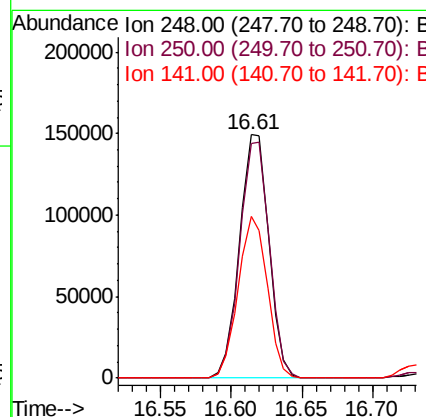
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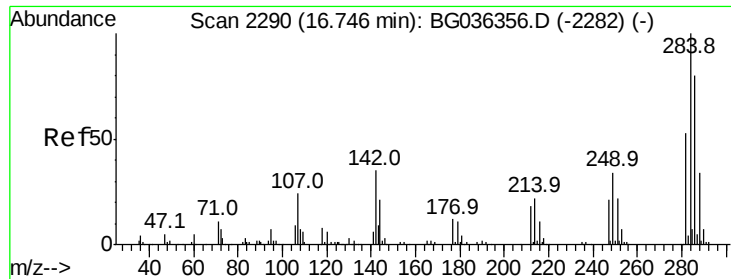
Sohil
 9/5/2018 3:13:06 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.479 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6		78.1	117.1
141	66.7		53.7	80.5





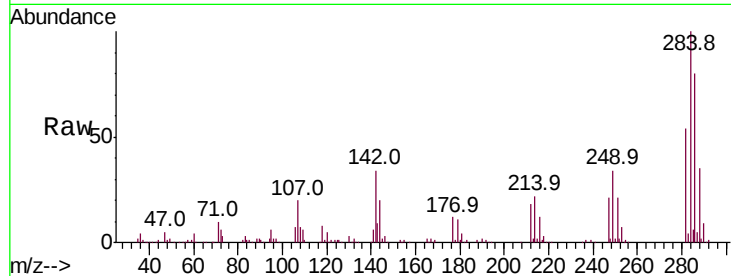
#67
Hexachlorobenzene
Concen: 39.199 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.5	27.8	41.6	
249	33.9	27.4	41.2	

Manual Integrations
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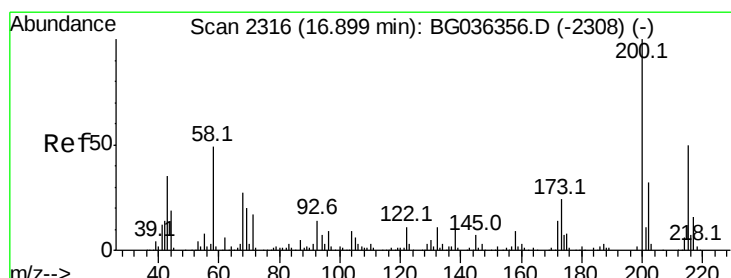
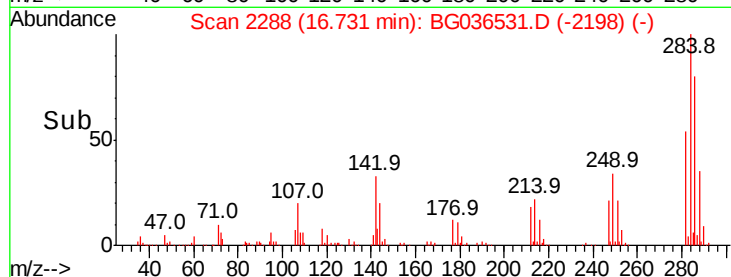
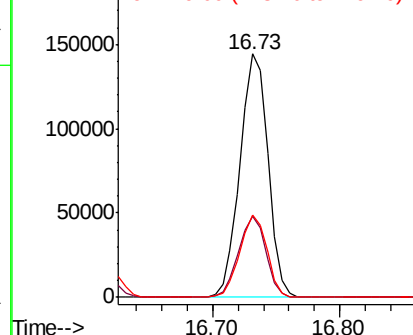


Abundance

Ion 283.80 (283.50 to 284.50): E

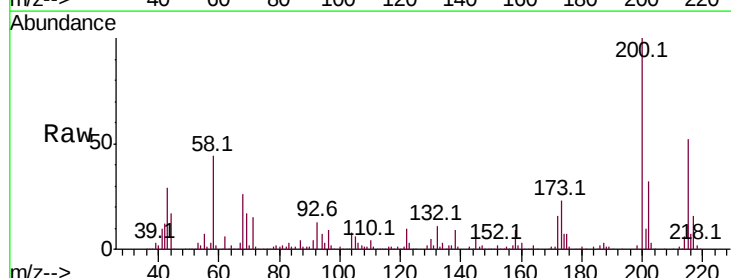
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 42.726 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.4	3.9	43.9	
215	51.8	30.4	70.4	

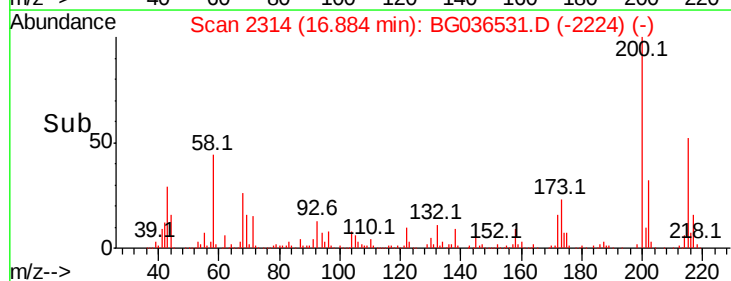
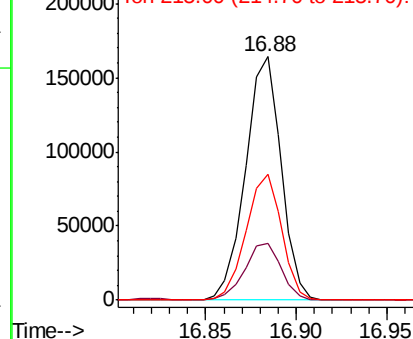


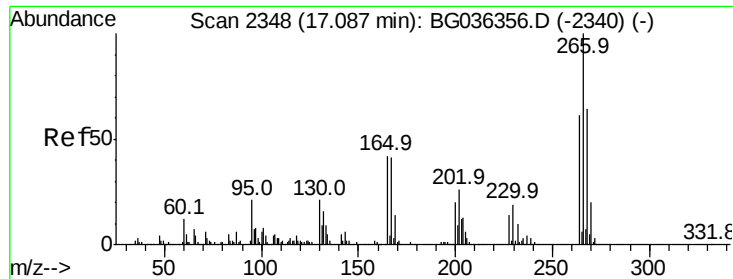
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





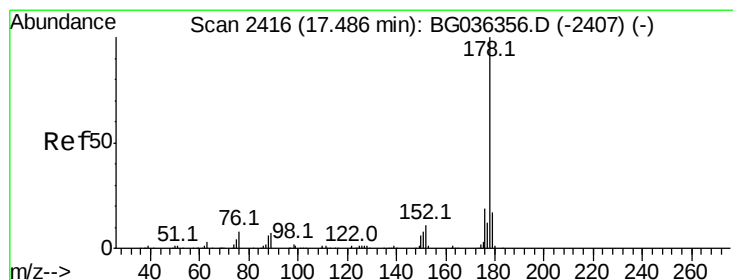
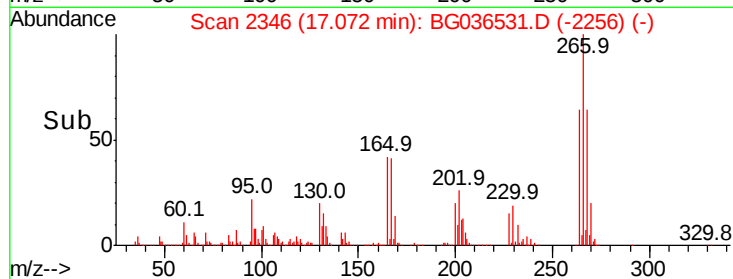
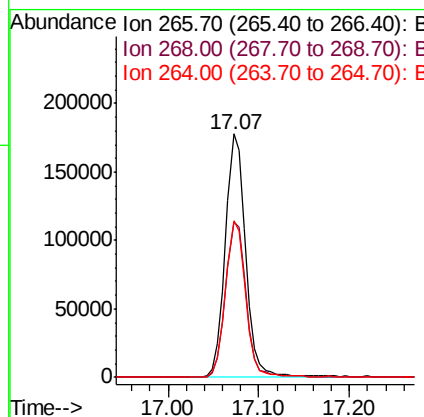
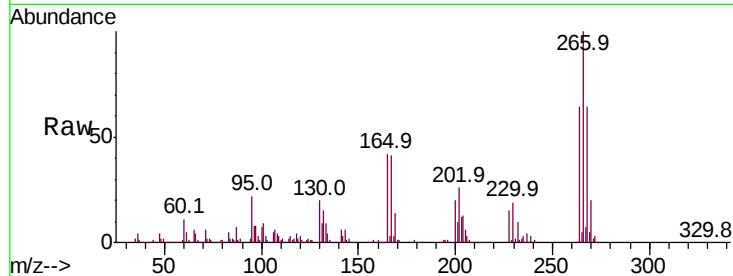
#69
 Pentachlorophenol
 Concen: 72.455 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion:	266	Resp:	277010
Ion Ratio	Lower	Upper	
266	100		
268	63.5	51.4	77.2
264	64.2	48.9	73.3

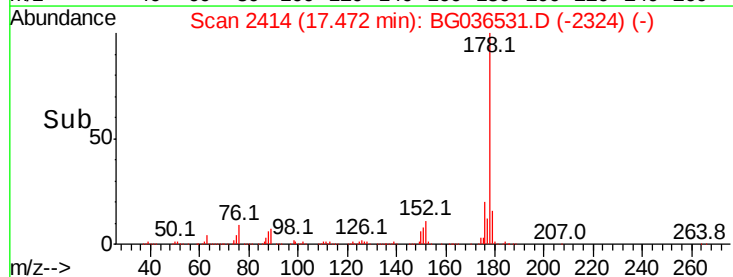
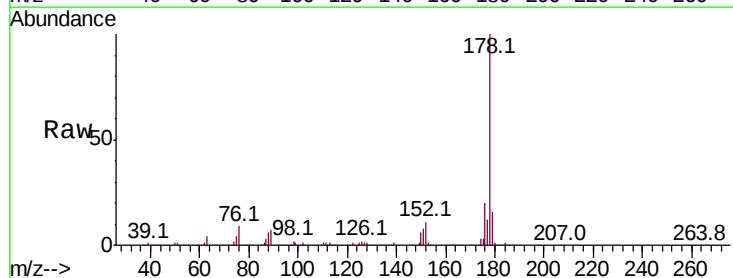
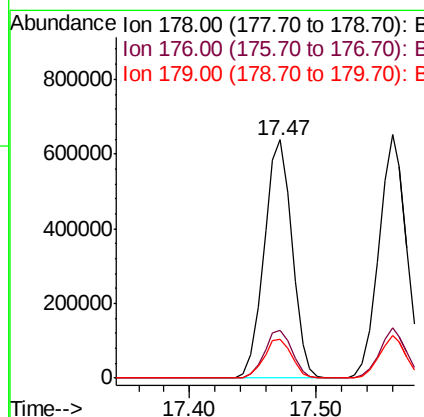
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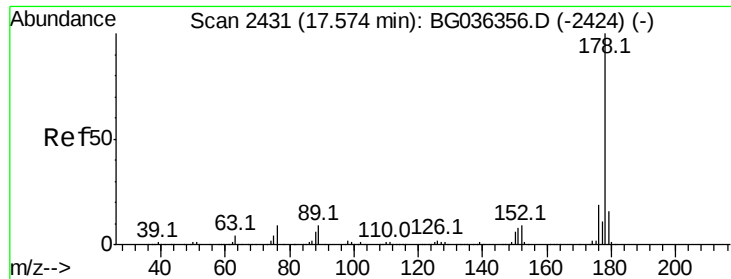
Sohil
 9/5/2018 3:13:06 PM



#70
 Phenanthrene
 Concen: 40.836 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion:	178	Resp:	975015
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.4	23.2
179	16.5	13.4	20.2





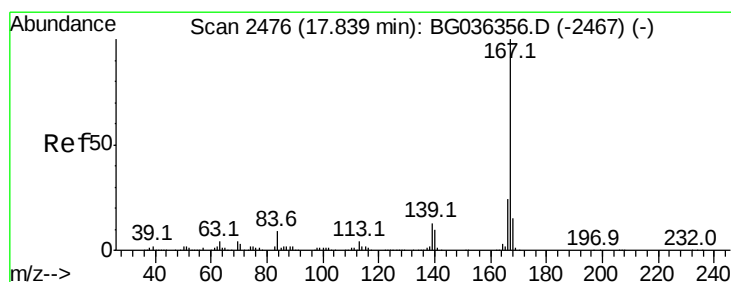
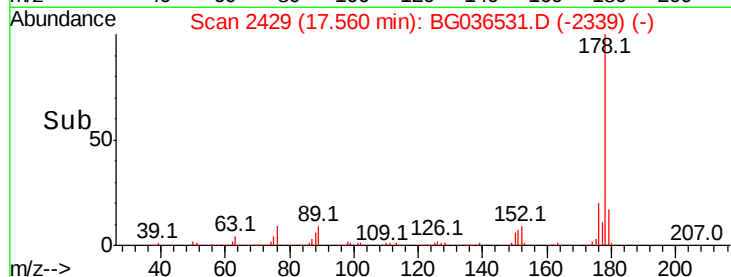
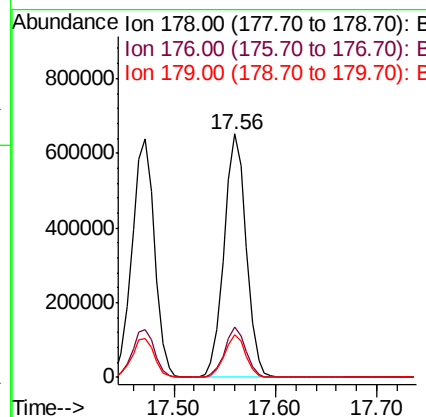
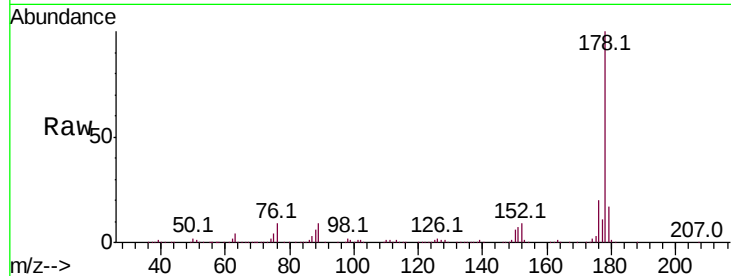
#71
 Anthracene
 Concen: 41.371 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	17.4	13.0	19.4

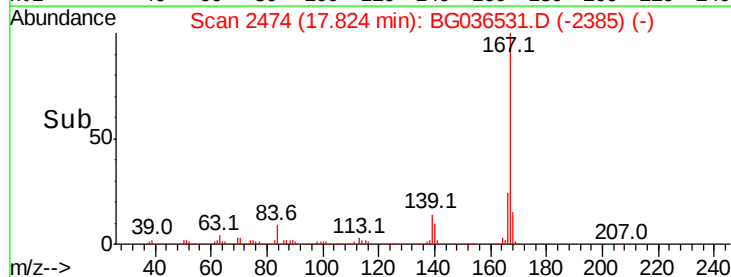
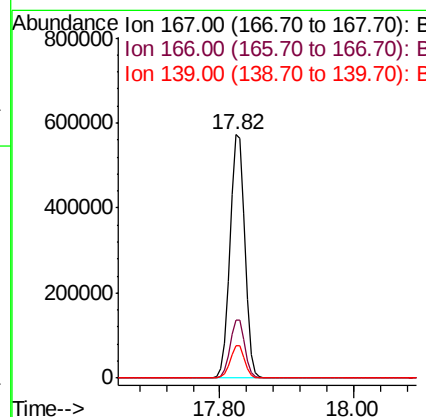
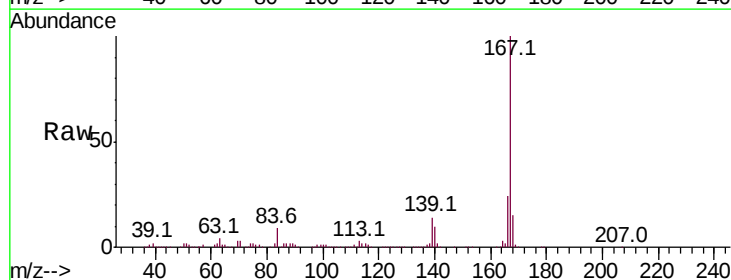
Manual Integrations
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 9/5/2018 3:13:06 PM



#72
 Carbazole
 Concen: 38.115 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.5	29.3
139	13.6	10.7	16.1





#73

Di-n-butylphthalate

Concen: 37.976 ng

RT: 18.39 min Scan# 2570

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

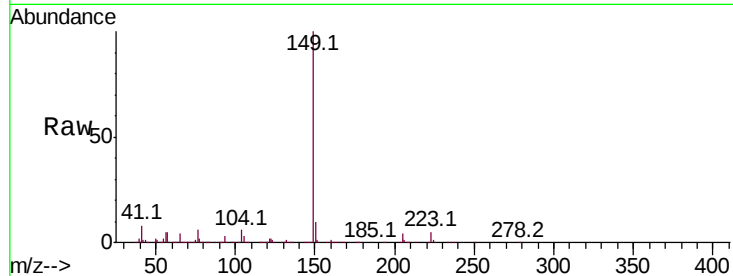
ClientSampleId :

SB-03MSD

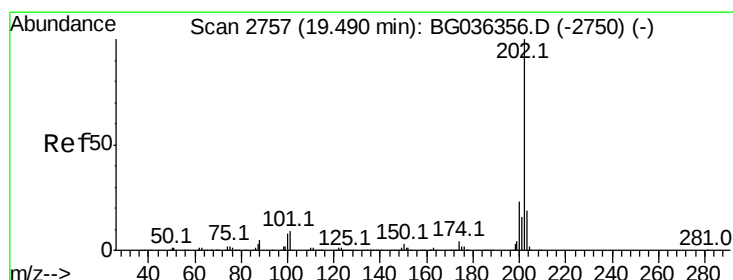
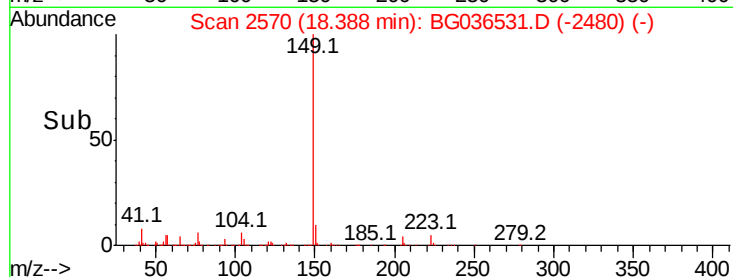
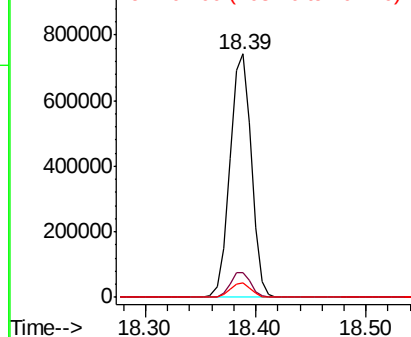
Tot Ion:	149	Resp:	1005180
Ion Ratio	Lower	Upper	
149	100		
150	10.3	8.1	12.1
104	5.9	4.6	6.8

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.767 ng

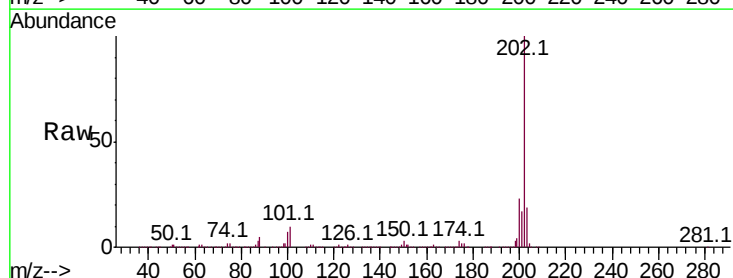
RT: 19.48 min Scan# 2755

Delta R.T. 0.00 min

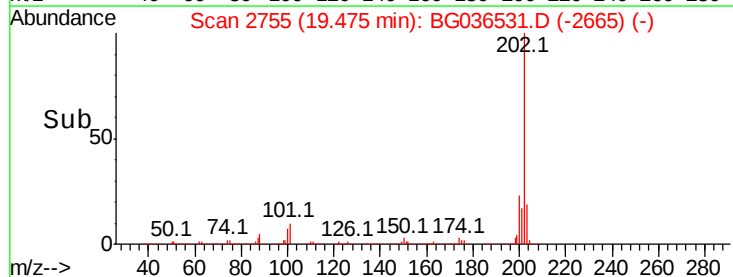
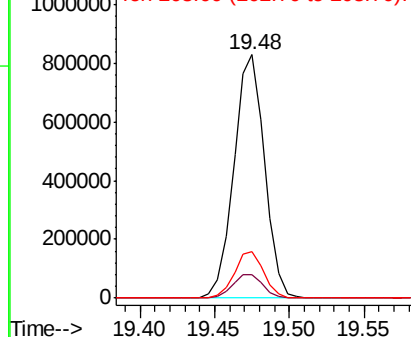
Lab File: BG036531.D

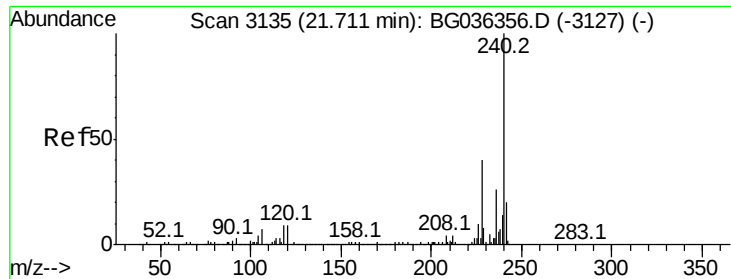
Acq: 4 Sep 2018 14:34

Tgt Ion:	202	Resp:	1186736
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	19.0	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

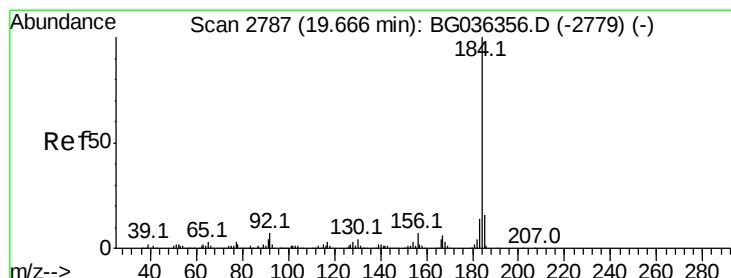
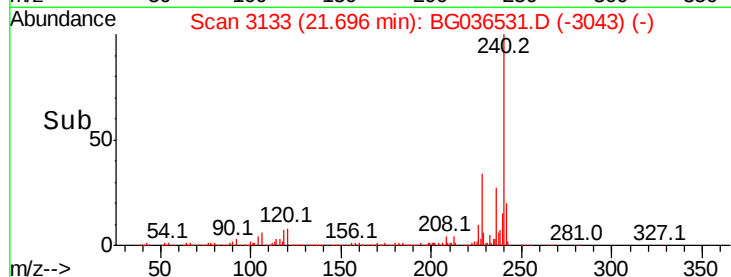
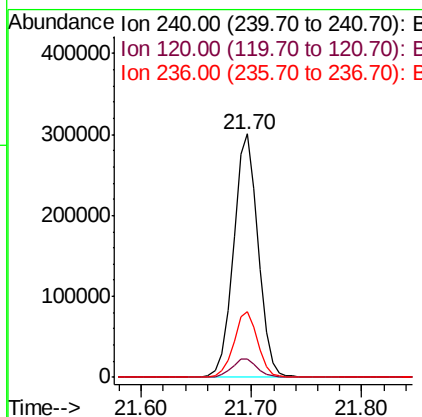
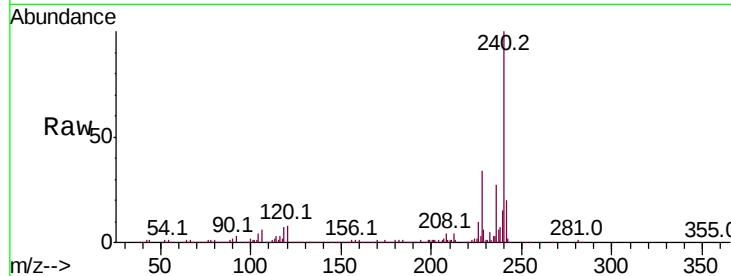
ClientSampleId :

SB-03MSD

Tot Ion:	240	Resp:	467276
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.9	10.3
236	27.1	21.2	31.8

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#76

Benzidine

Concen: 32.141 ng

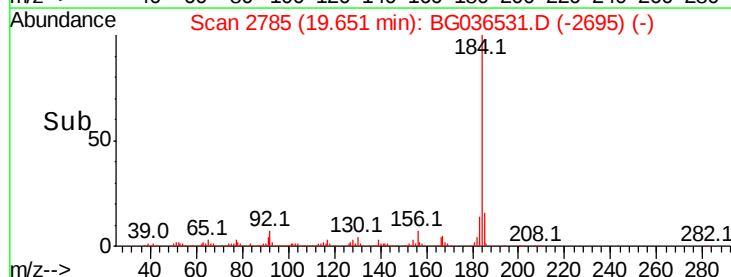
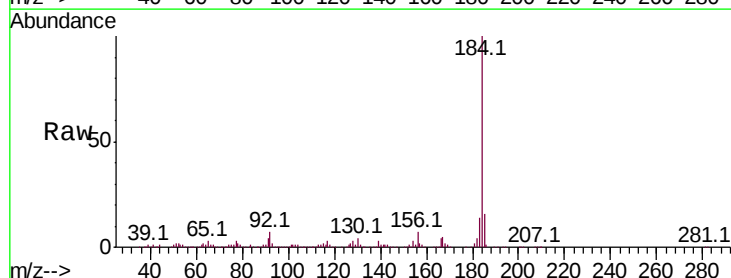
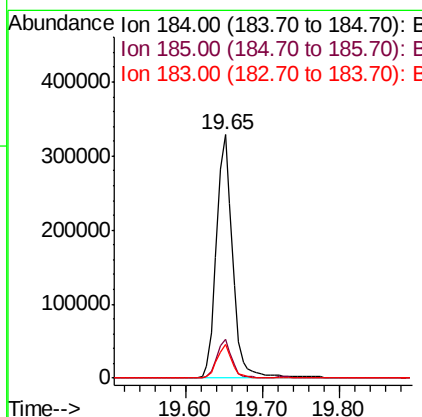
RT: 19.65 min Scan# 2785

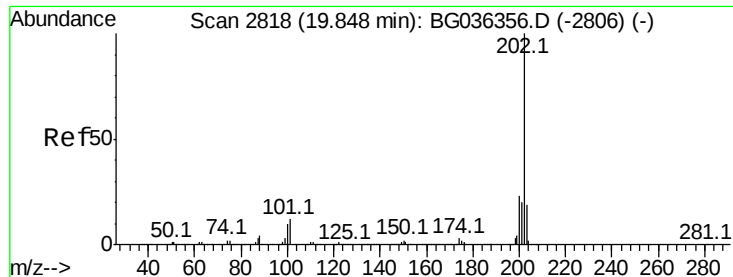
Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Tgt Ion:	184	Resp:	479163
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	13.6	10.9	16.3





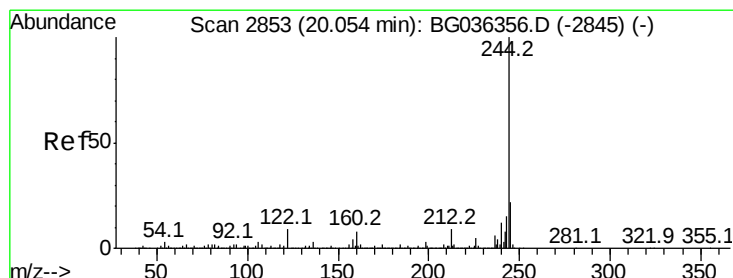
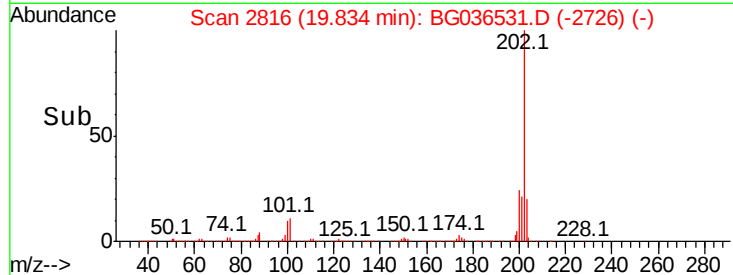
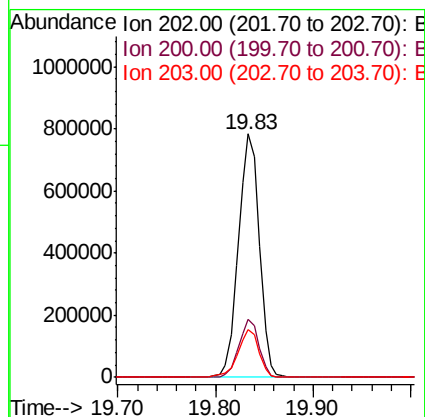
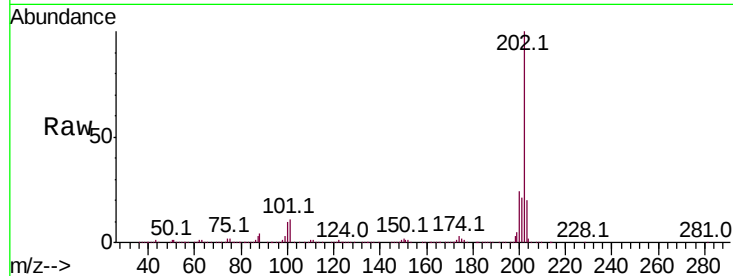
#77
Pvrene
Concen: 40.570 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.3	27.5
203	19.8	15.1	22.7

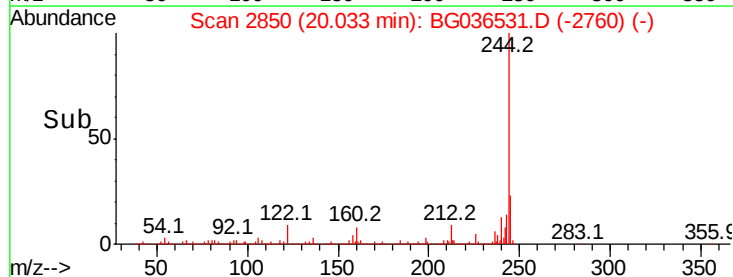
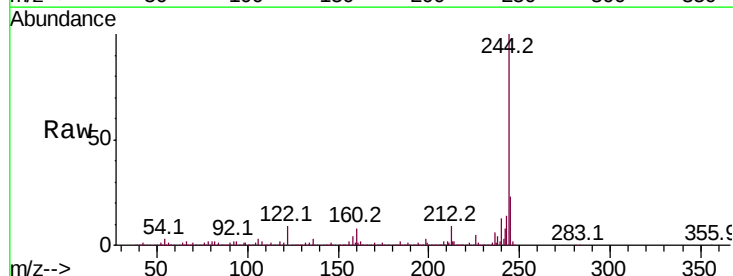
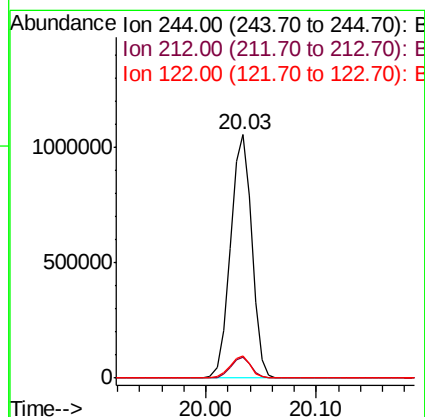
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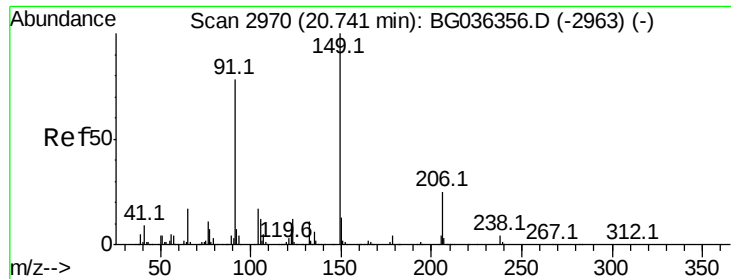
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#78
Terphenyl-d14
Concen: 71.357 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.3	7.1	10.7





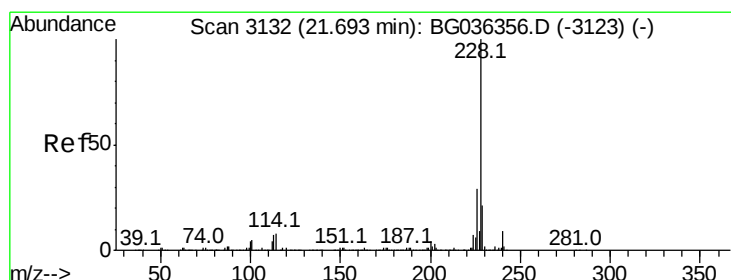
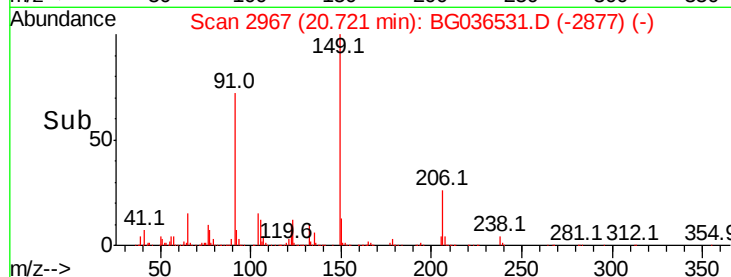
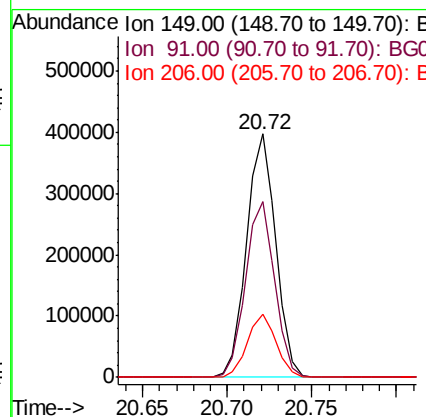
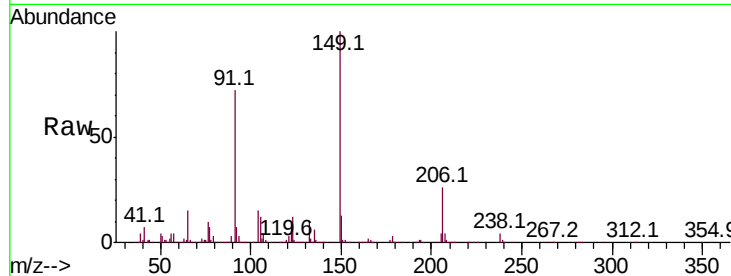
#79
Butylbenzylphthalate
Concen: 41.739 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleID :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	62.0	93.0
206	25.8	19.6	29.4

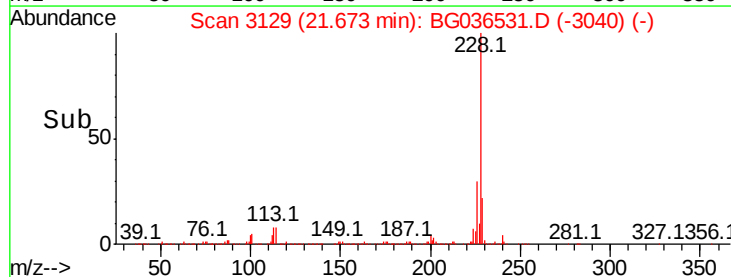
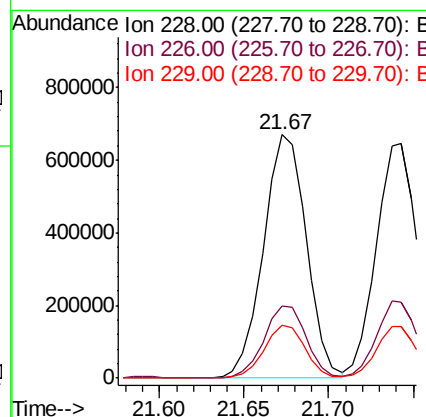
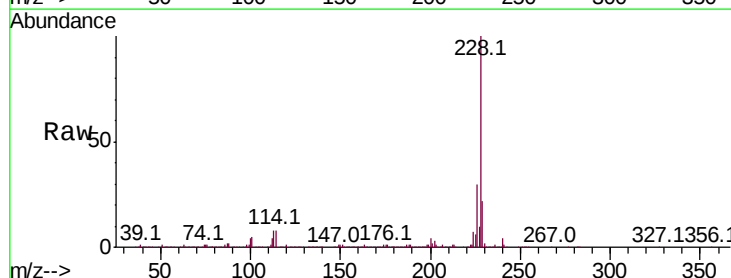
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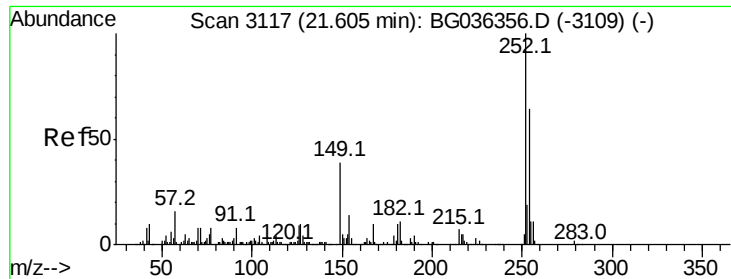
Sohil
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#80
Benzo(a)anthracene
Concen: 41.753 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	22.0	17.1	25.7





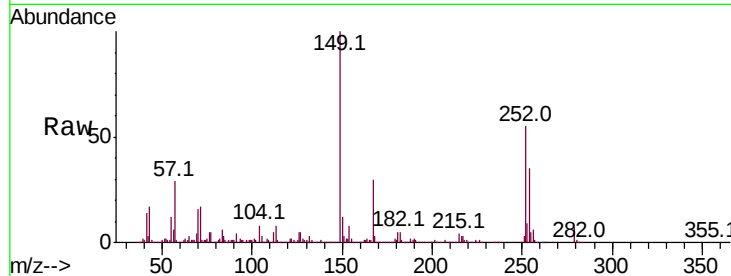
#81
 3,3'-Dichlorobenzidine
 Concen: 31.151 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.2	51.0	76.4	
126	8.6	7.4	11.0	

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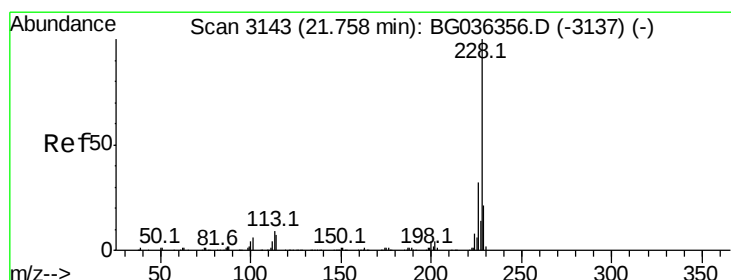
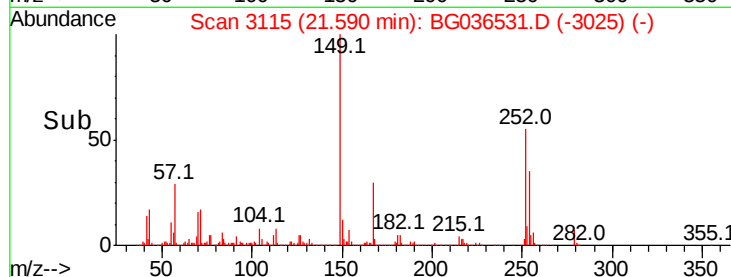
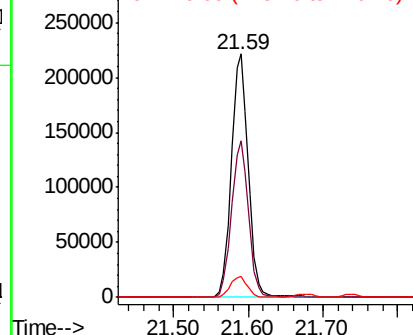


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.971 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

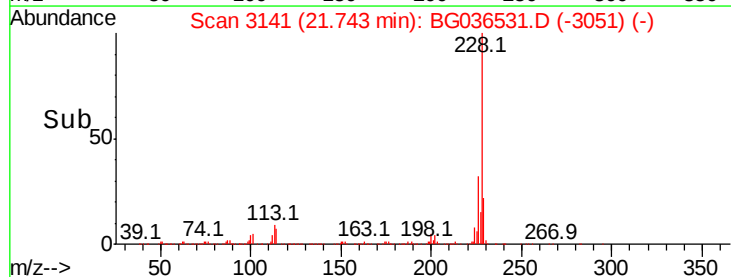
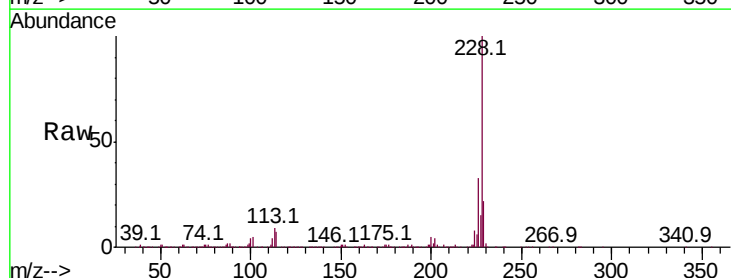
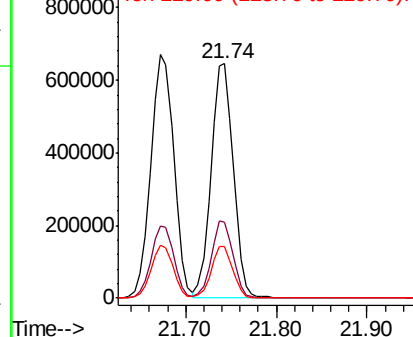
Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.6	25.5	38.3	
229	22.0	16.9	25.3	

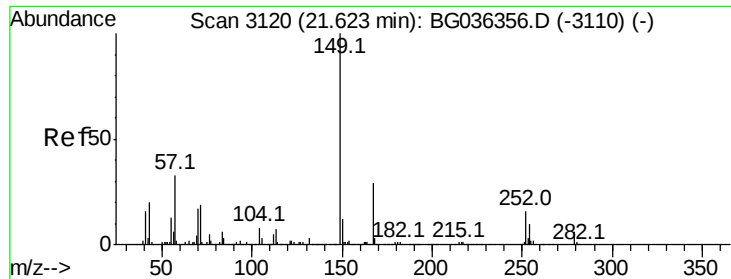
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





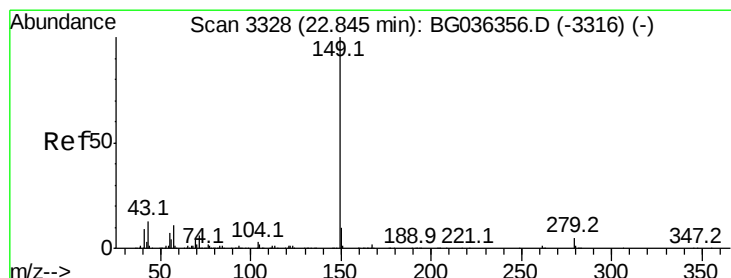
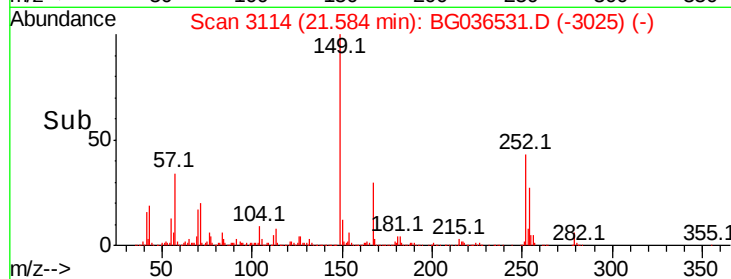
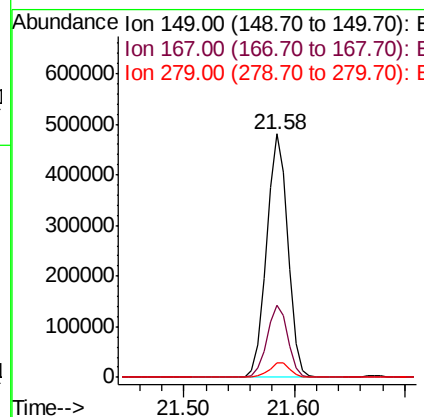
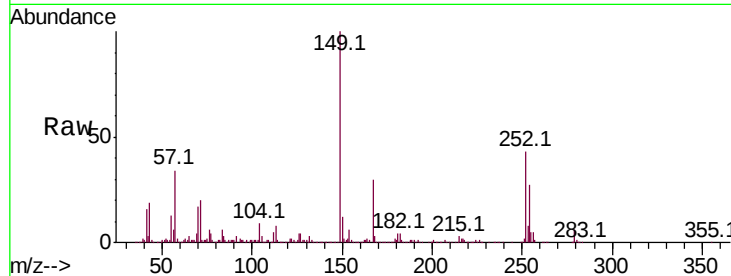
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.522 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.4	35.0
279	5.9	4.6	7.0

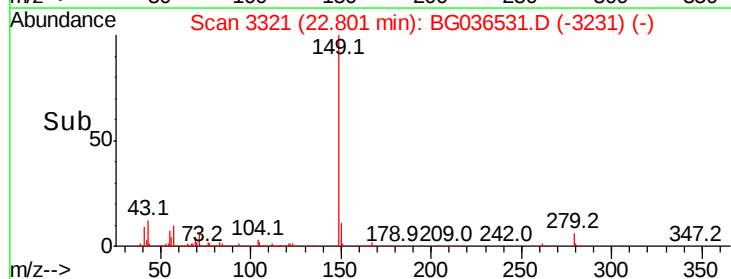
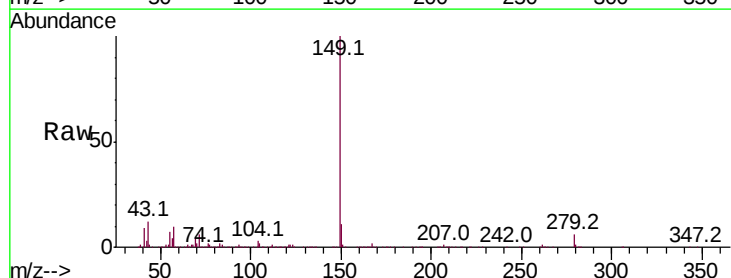
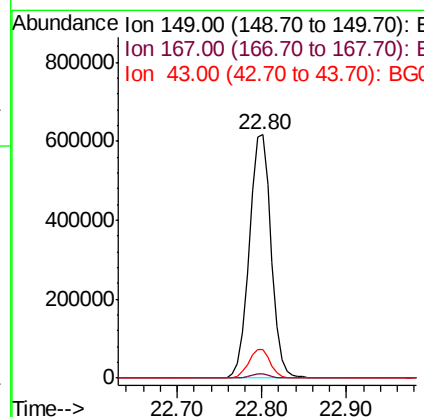
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 41.255 ng
 RT: 22.80 min Scan# 3321
 Delta R.T. 0.00 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.6	10.0	15.0





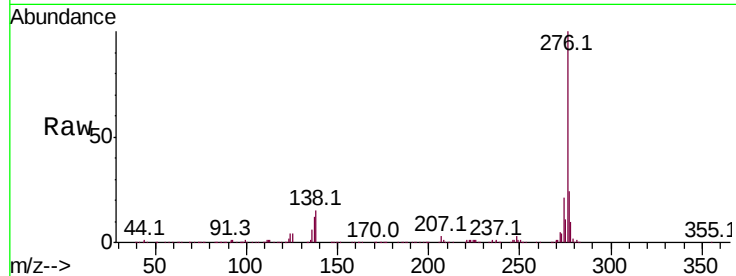
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.948 ng
RT: 28.56 min Scan# 4301
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampleId :
SB-03MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.6	10.6	15.8
277	25.6	20.6	30.8

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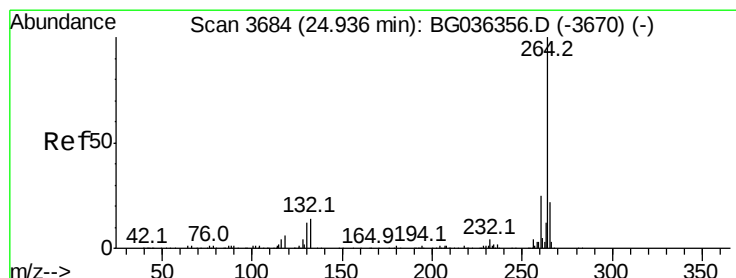
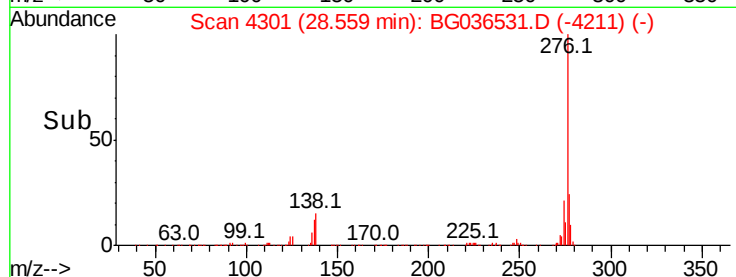
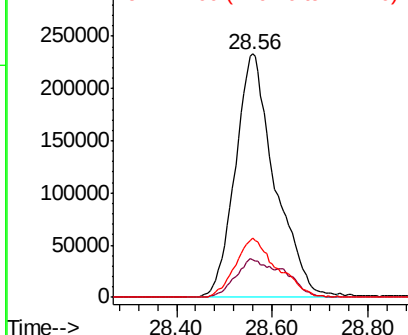


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

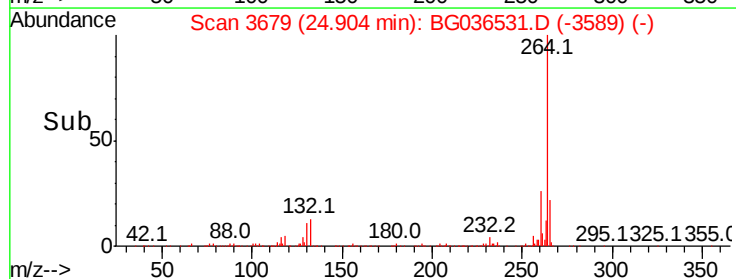
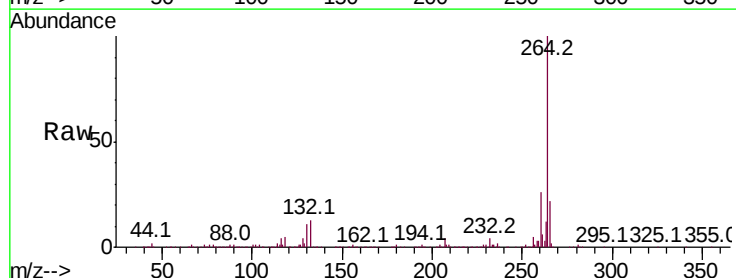
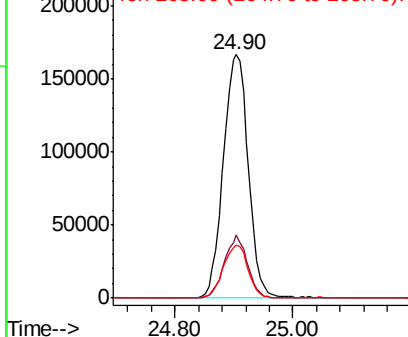
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.6	29.4
265	21.8	17.4	26.0

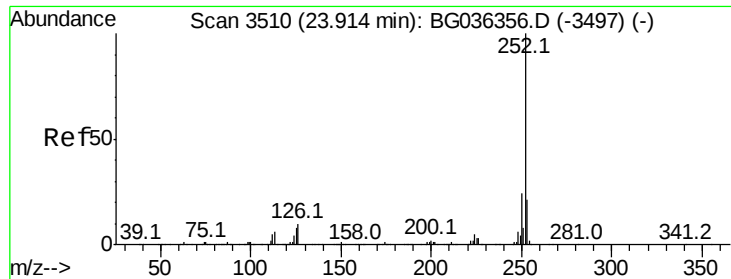
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.206 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

Instrument :

BNA_G

ClientSampleId :

SB-03MSD

Tot Ion:252 Resp: 1205175

Ion Ratio Lower Upper

252 100

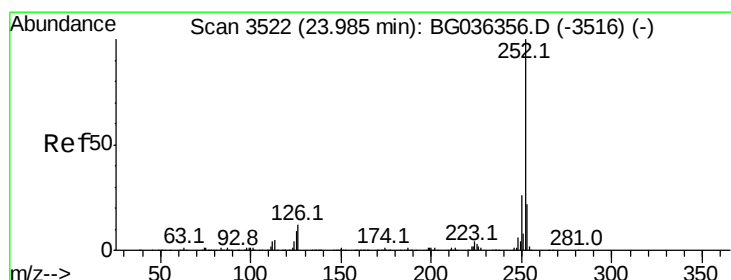
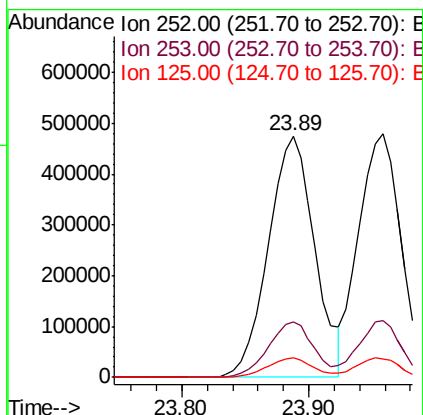
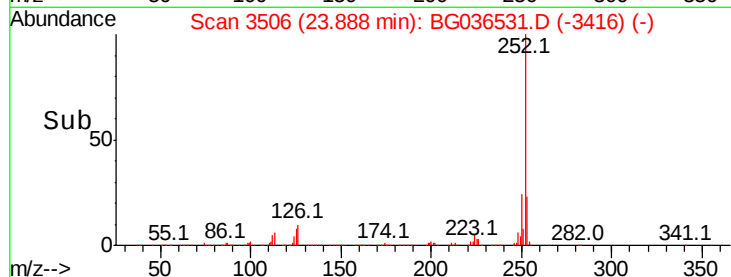
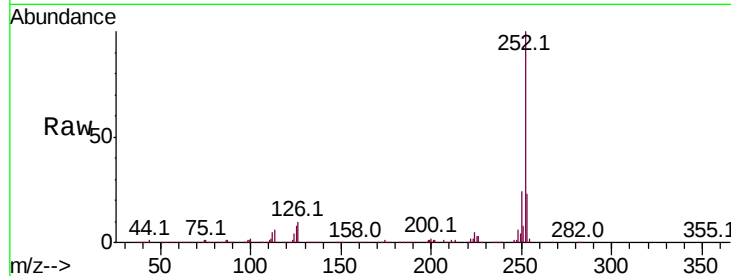
253 23.2 17.1 25.7

125 7.9 6.6 10.0

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#88

Benzo(k)fluoranthene

Concen: 41.967 ng

RT: 23.96 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG036531.D

Acq: 4 Sep 2018 14:34

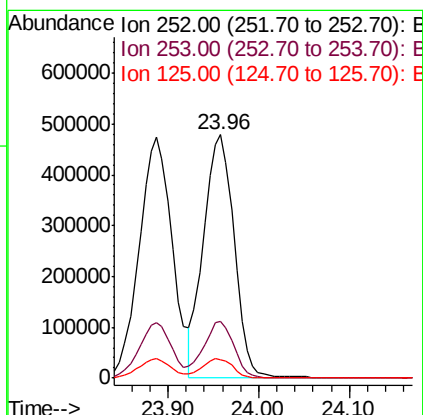
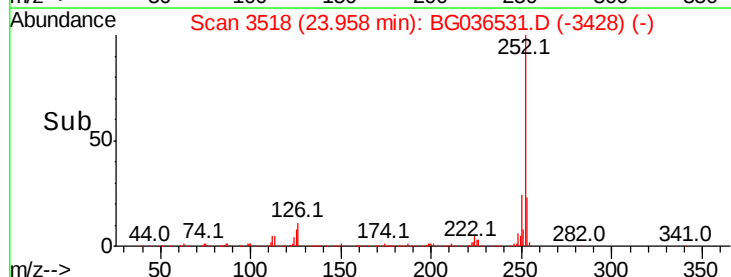
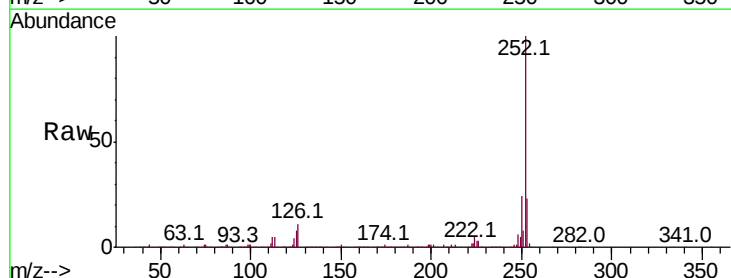
Tgt Ion:252 Resp: 1117777

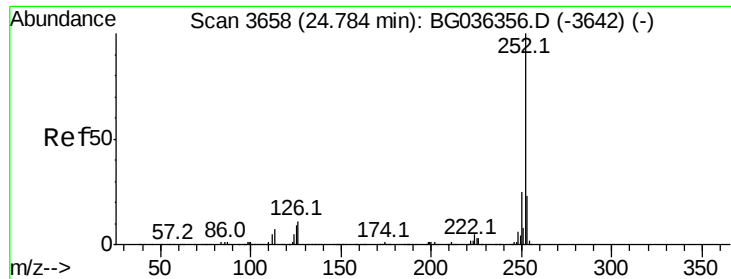
Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

125 7.8 7.0 10.6





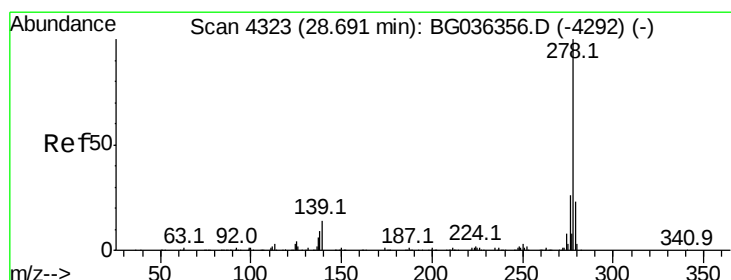
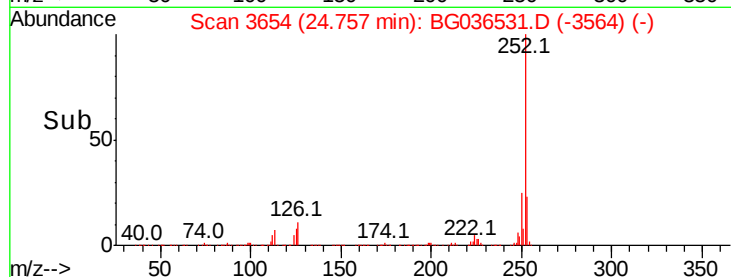
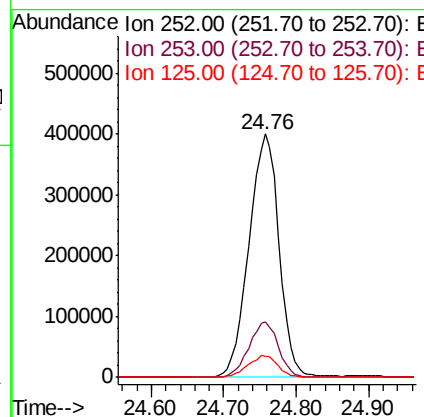
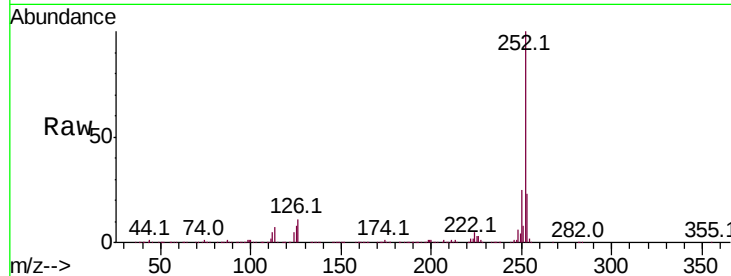
#89
Benzo(a)pyrene
Concen: 43.811 ng
RT: 24.76 min Scan# 3654
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Instrument :
BNA_G
ClientSampled :
SB-03MSD

Tot Ion:252 Resp: 1147747
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.4 7.3 10.9

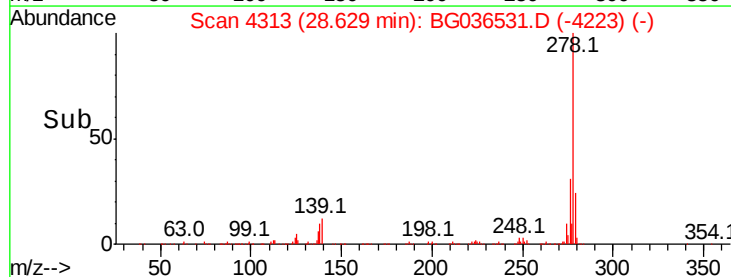
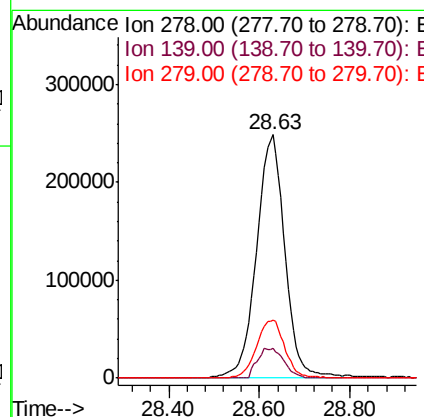
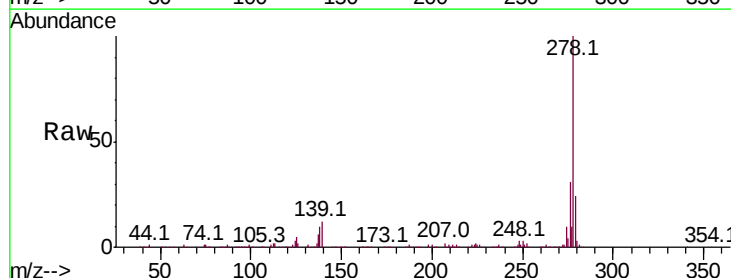
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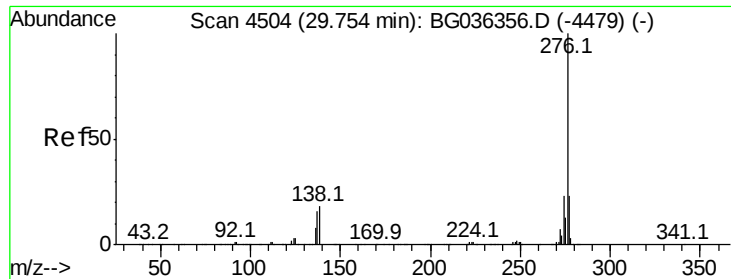
Sohil
9/5/2018 3:13:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.659 ng
RT: 28.63 min Scan# 4313
Delta R.T. 0.00 min
Lab File: BG036531.D
Acq: 4 Sep 2018 14:34

Tgt Ion:278 Resp: 1078888
Ion Ratio Lower Upper
278 100
139 12.1 11.0 16.4
279 23.9 18.7 28.1





#91
 Benzo(a,h,i)perylene
 Concen: 43.811 ng
 RT: 29.70 min Scan# 4496
 Delta R.T. 0.01 min
 Lab File: BG036531.D
 Acq: 4 Sep 2018 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-03MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.4	27.6
138	15.3	14.6	22.0

Manual Integrations
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 9/5/2018 3:13:06 PM

