

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
 Data File : BG036583.D
 Acq On : 7 Sep 2018 00:02
 Operator : JU/SJ
 Sample : PB112641BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Manual Integrations
 APPROVED

Sohil
 9/7/2018 11:44:51 AM

Quant Time: Sep 07 04:53:35 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	60238	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	253585	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	173512	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	442739	20.00	ng	0.00
75) Chrysene-d12	21.69	240	435152	20.00	ng	0.00
86) Perylene-d12	24.90	264	457436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	356992	94.01	ng	0.00
7) Phenol-d6	7.21	99	514910	94.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	453217	96.97	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	231471	111.80	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1083111	89.13	ng	0.00
78) Terphenyl-d14	20.03	244	1674085	89.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47446	26.772	ng	96
3) Pyridine	3.93	79	155426	31.245	ng	96
4) n-Nitrosodimethylamine	3.84	42	84009	37.916	ng	93
6) Aniline	7.38	93	265337	38.448	ng	95
8) 2-Chlorophenol	7.62	128	175387	42.590	ng	98
9) Benzaldehyde	7.19	77	106114	28.342	ng	98
10) Phenol	7.24	94	252023	44.295	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	171185	37.951	ng	97
12) 1,3-Dichlorobenzene	7.95	146	172808	36.750	ng	98
13) 1,4-Dichlorobenzene	8.09	146	176694	37.218	ng	98
14) 1,2-Dichlorobenzene	8.41	146	173056	38.169	ng	95
15) Benzyl Alcohol	8.29	79	180206	41.115	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	314974	34.625	ng	97
17) 2-Methylphenol	8.49	107	169893	44.969	ng	98
18) Hexachloroethane	9.15	117	64731	38.029	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	149479	36.787	ng	93
20) 3+4-Methylphenols	8.82	107	234344	44.429	ng	99
22) Acetophenone	8.88	105	277302	41.643	ng	# 96
24) Nitrobenzene	9.26	77	218254	43.305	ng	96
25) Isophorone	9.79	82	423325	45.594	ng	97
26) 2-Nitrophenol	9.97	139	98568	49.355	ng	96
27) 2,4-Dimethylphenol	10.03	122	188592	51.005	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	243002	42.645	ng	98
29) 2,4-Dichlorophenol	10.51	162	202524	49.978	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	197553	41.674	ng	99
31) Naphthalene	10.91	128	564166	44.505	ng	100
32) Benzoic acid	10.16	122	120234	44.247	ng	97
33) 4-Chloroaniline	11.02	127	231720	39.891	ng	97
34) Hexachlorobutadiene	11.20	225	129567	40.680	ng	96
35) Caprolactam	11.79	113	78416m	48.577	ng	
36) 4-Chloro-3-methylphenol	12.13	107	231868	49.244	ng	99
37) 2-Methylnaphthalene	12.51	142	453337	48.875	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	261632	42.608	ng	99
40) Hexachlorocyclopentadiene	12.86	237	314052	98.300	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	181585	48.547	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	197701	49.555	ng	98
45) 1,1'-Biphenyl	13.52	154	590799	41.019	ng	99
46) 2-Chloronaphthalene	13.56	162	461131	41.939	ng	98
47) 2-Nitroaniline	13.76	65	167716	48.575	ng	93
48) Acenaphthylene	14.40	152	789926	45.969	ng	100
49) Dimethylphthalate	14.13	163	640928	45.237	ng	98
50) 2,6-Dinitrotoluene	14.25	165	142888	49.011	ng	92
51) Acenaphthene	14.74	154	474322	43.099	ng	99
52) 3-Nitroaniline	14.58	138	140336	44.668	ng	98
53) 2,4-Dinitrophenol	14.79	184	115608	104.689	ng	95
54) Dibenzofuran	15.08	168	759254	44.036	ng	99
55) 4-Nitrophenol	14.89	139	231295	90.040	ng	96
56) 2,4-Dinitrotoluene	15.04	165	202637	53.330	ng	90
57) Fluorene	15.73	166	605644	46.988	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	199368	53.188	ng	95
59) Diethylphthalate	15.50	149	632482	44.296	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	350228	44.004	ng	97
61) 4-Nitroaniline	15.74	138	158960	48.351	ng	92
62) Azobenzene	16.01	77	615025	42.334	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	102215	52.556	ng	95
65) n-Nitrosodiphenylamine	15.93	169	564580	42.917	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	234498	45.239	ng	98
67) Hexachlorobenzene	16.73	284	236518	44.623	ng	97
68) Atrazine	16.88	200	246162	49.852	ng	99
69) Pentachlorophenol	17.07	266	285731	79.318	ng	99
70) Phenanthrene	17.47	178	1024524	45.541	ng	99
71) Anthracene	17.56	178	1050579	46.848	ng	97
72) Carbazole	17.82	167	915078	40.859	ng	99
73) Di-n-butylphthalate	18.38	149	1049983	42.101	ng	99
74) Fluoranthene	19.47	202	1255693	45.781	ng	99
76) Benzidine	19.65	184	959906	69.141	ng	99
77) Pyrene	19.83	202	1214137	45.373	ng	98
79) Butylbenzylphthalate	20.72	149	485037	45.546	ng	94
80) Benzo(a)anthracene	21.67	228	1235440	46.864	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	396253	37.715	ng	98
82) Chrysene	21.74	228	1149531	46.004	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	658005	44.155	ng	99
84) Di-n-octyl phthalate	22.79	149	1124018	45.157	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1351686	46.573	ng	# 95
87) Benzo(b)fluoranthene	23.89	252	1256062	49.448	ng	97
88) Benzo(k)fluoranthene	23.96	252	1154244	46.512	ng	98
89) Benzo(a)pyrene	24.76	252	1189720	48.741	ng	100
90) Dibenzo(a,h)anthracene	28.62	278	1092660	46.369	ng	96
91) Benzo(g,h,i)perylene	29.70	276	1107013	46.748	ng	95

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

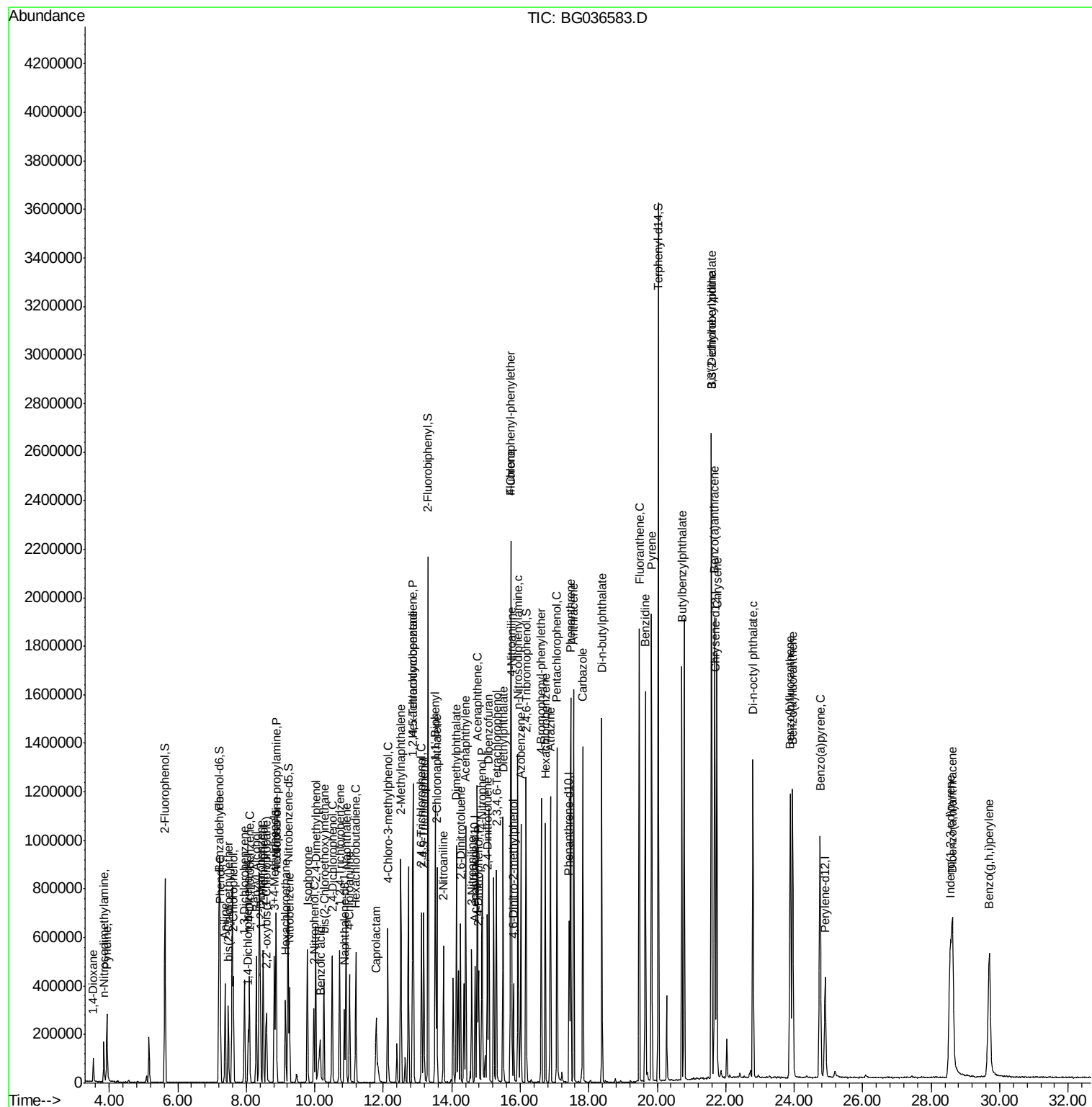
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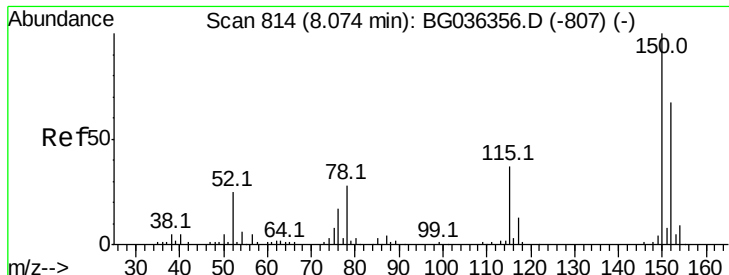
Instrument :
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#1

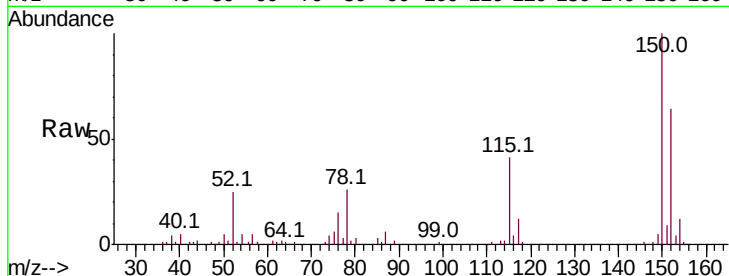
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	64.4	44.5	66.7

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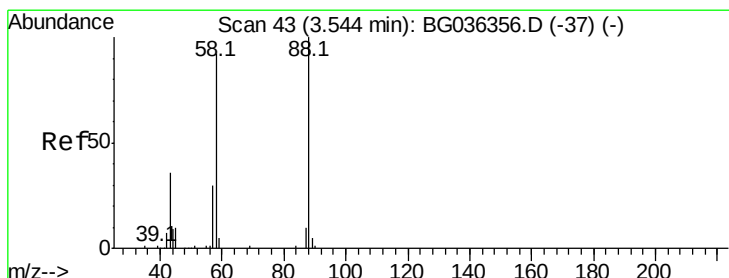
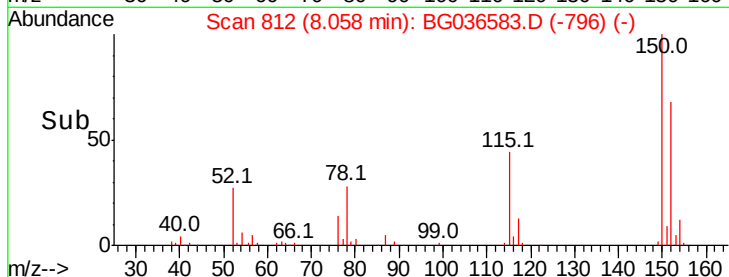
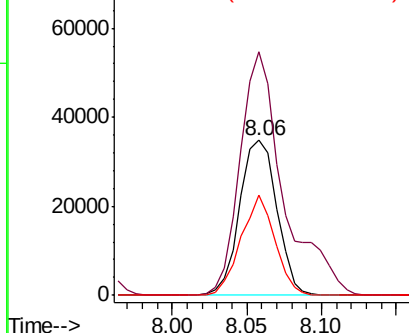


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

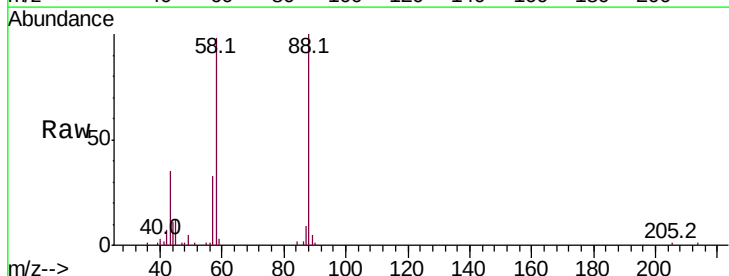
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.772 ng
RT: 3.53 min Scan# 42
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	72.6	109.0
43	30.9	29.0	43.4

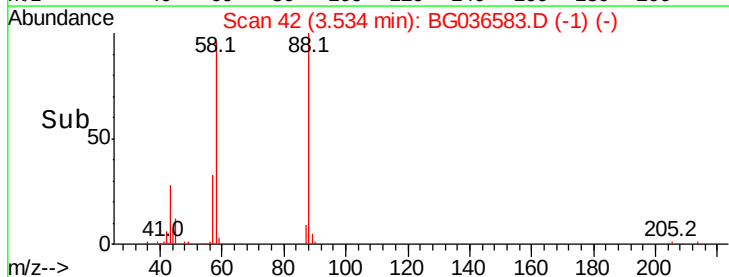
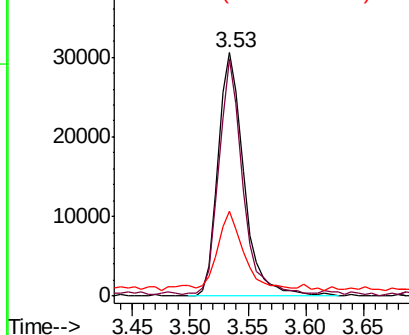


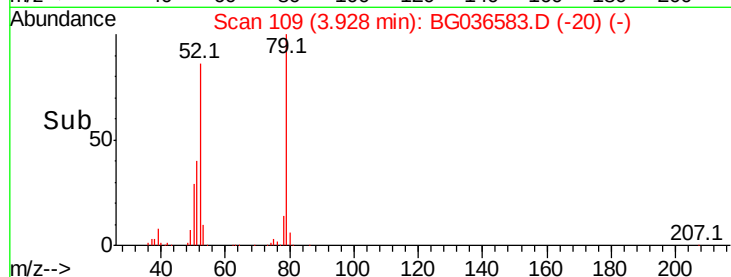
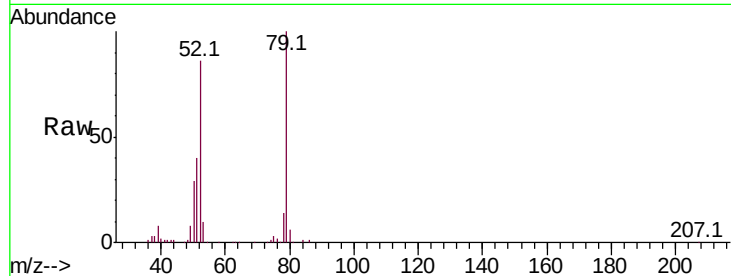
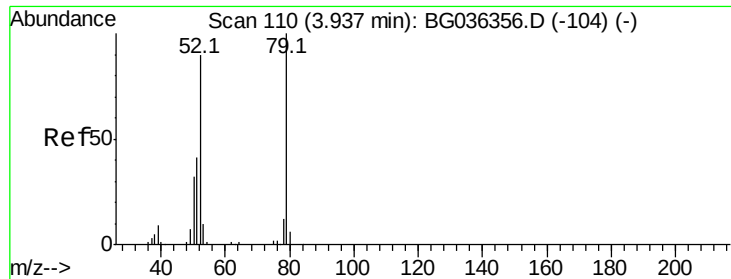
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





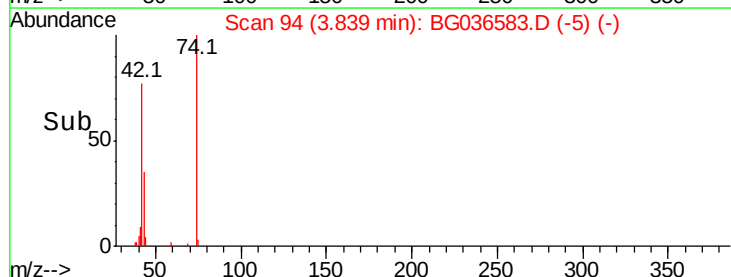
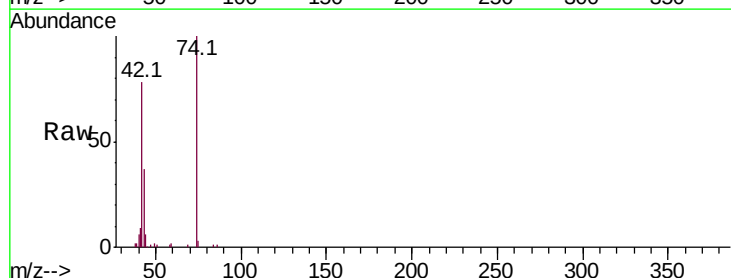
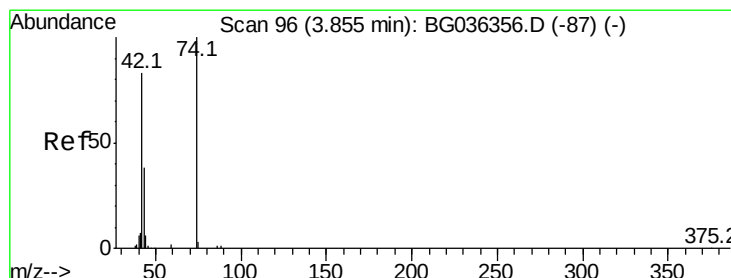
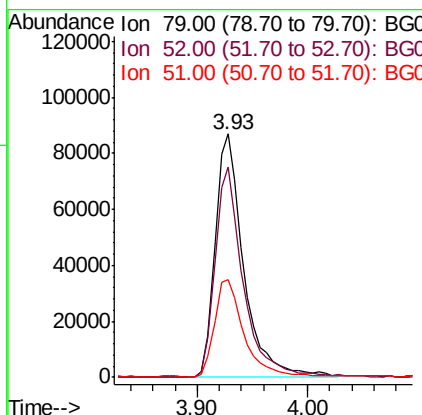
#3
 Pvridine
 Concen: 31.245 ng
 RT: 3.93 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.4	72.3	108.5
51	40.2	33.8	50.6

Instrument :
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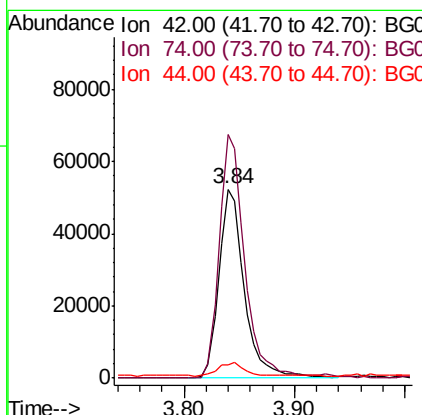
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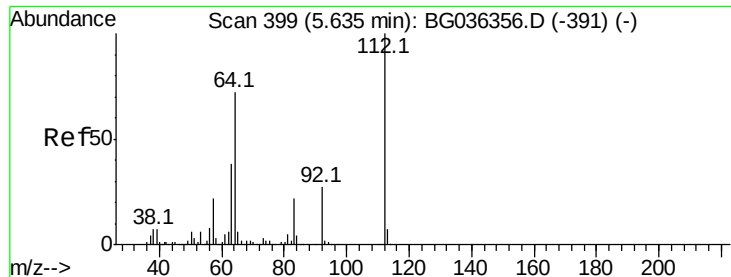
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#4
 n-Nitrosodimethylamine
 Concen: 37.916 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.0	96.6	145.0
44	7.3	7.0	10.4





#5

2-Fluorophenol

Concen: 94.010 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

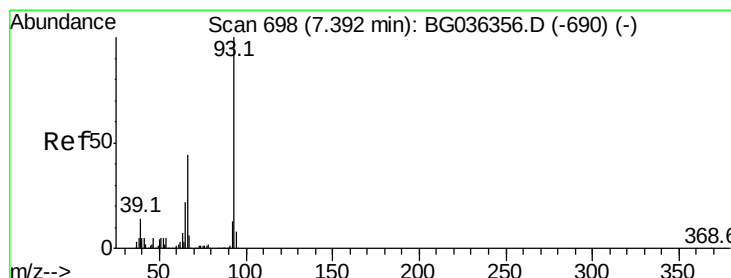
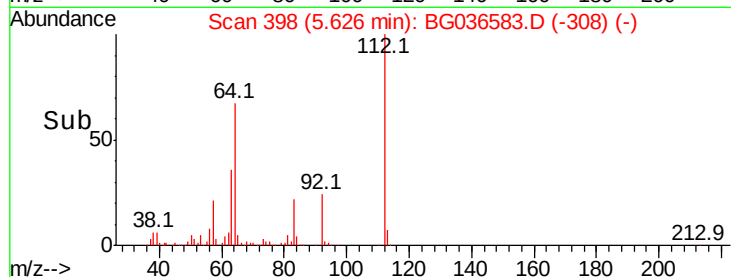
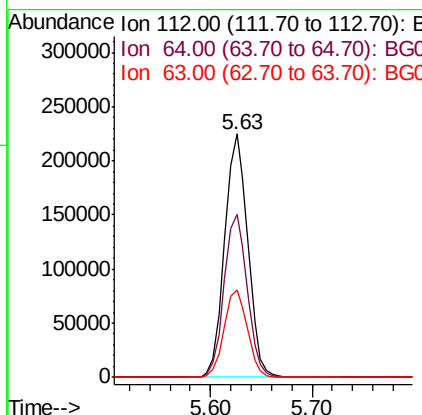
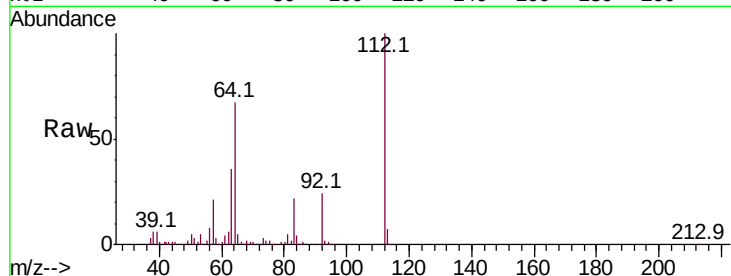
ClientSampleId :

PB112641BSD

Tot Ion:	112	Resp:	356992
Ion Ratio	Lower	Upper	
112	100		
64	66.9	57.2	85.8
63	35.8	30.8	46.2

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#6

Aniline

Concen: 38.448 ng

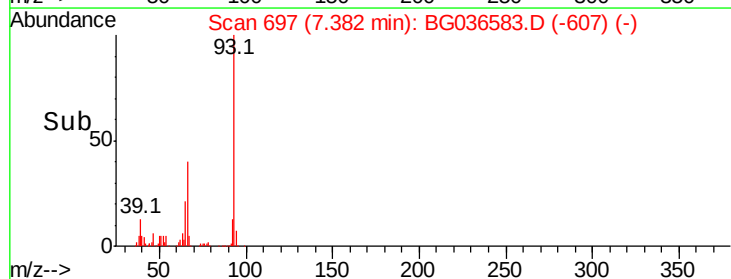
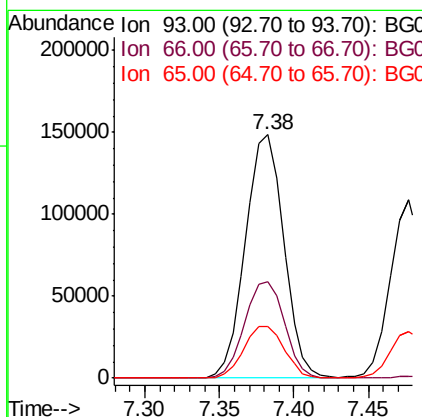
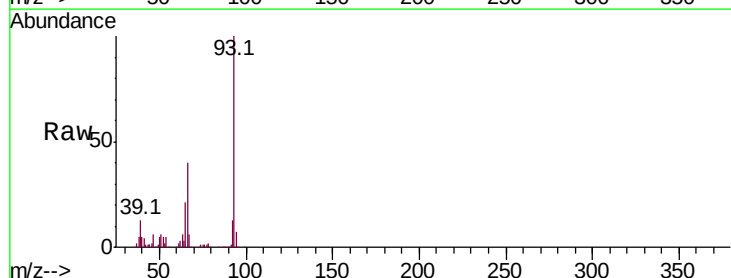
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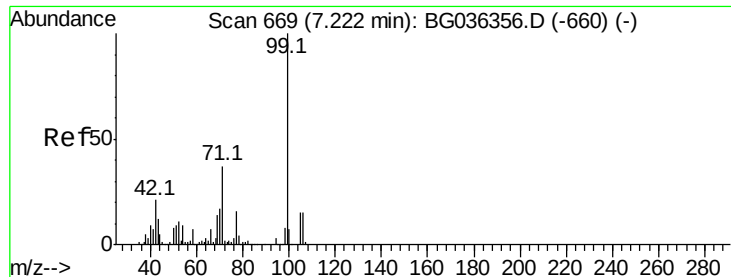
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	93	Resp:	265337
Ion Ratio	Lower	Upper	
93	100		
66	39.6	35.0	52.4
65	21.3	17.6	26.4





#7

Phenol-d6

Concen: 94.706 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

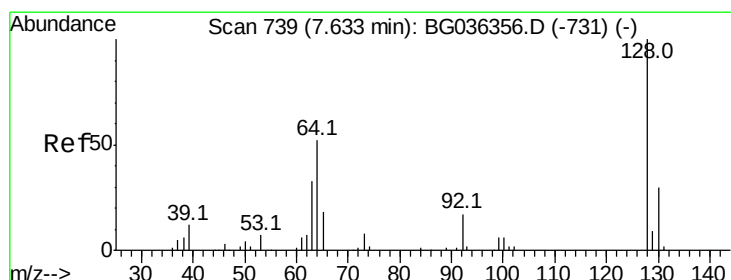
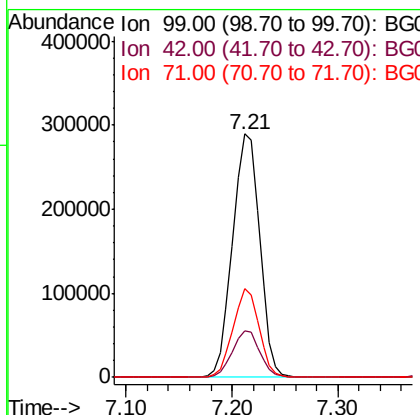
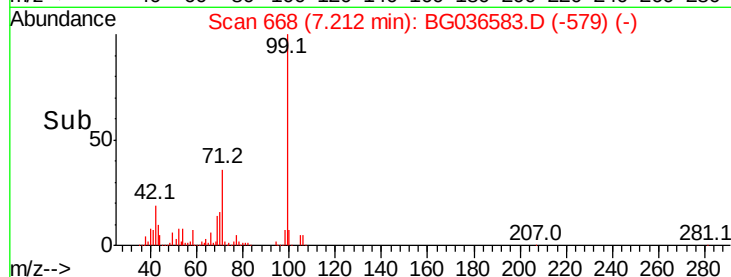
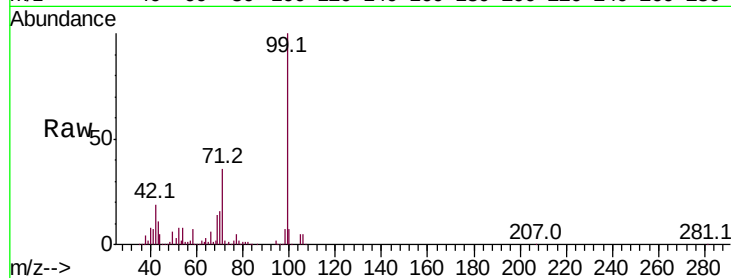
ClientSampleId :

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Tot Ion:	99	Resp:	514910
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	36.4	29.4	44.2

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#8

2-Chlorophenol

Concen: 42.590 ng

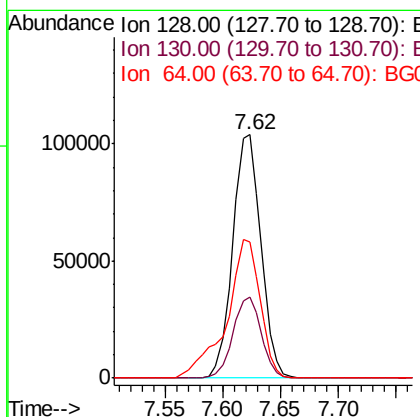
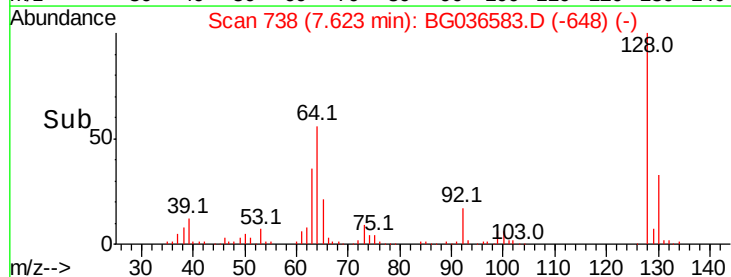
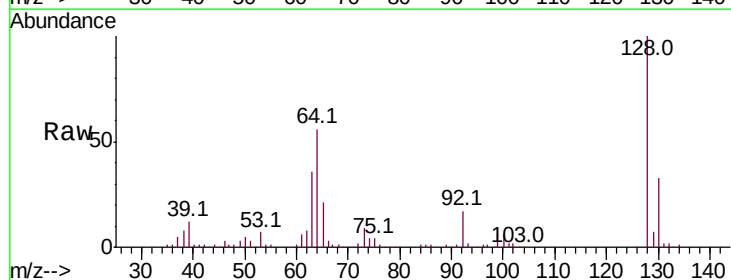
RT: 7.62 min Scan# 738

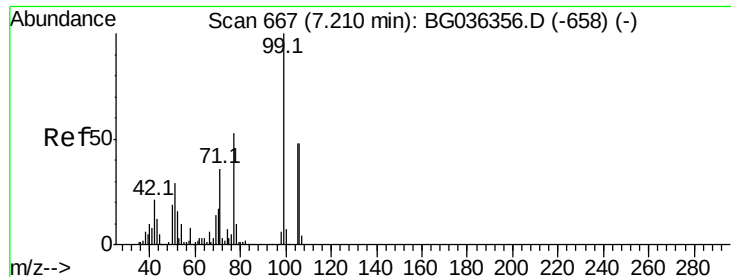
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	128	Resp:	175387
Ion	Ratio	Lower	Upper
128	100		
130	33.4	10.0	50.0
64	55.6	36.0	76.0





#9

Benzaldehyde

Concen: 28.342 ng

RT: 7.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

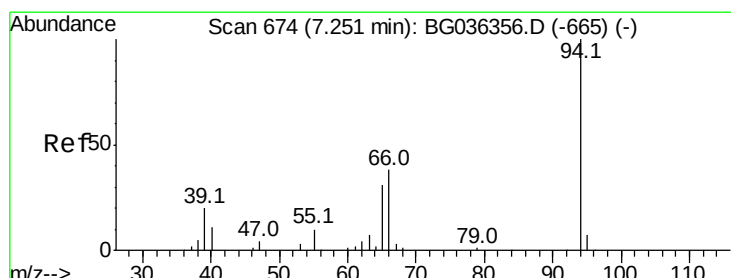
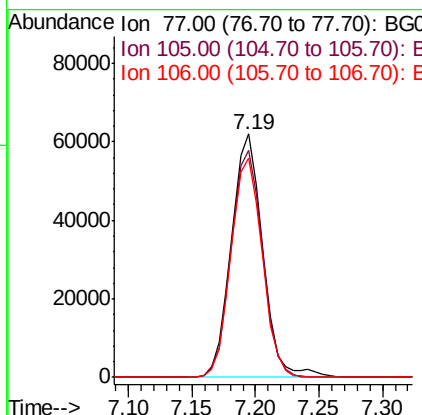
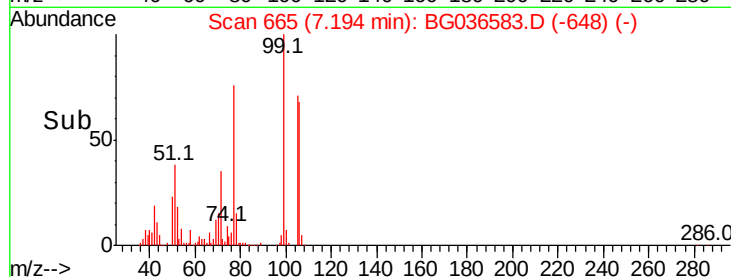
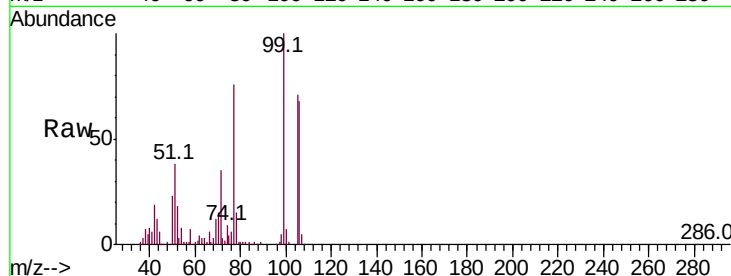
ClientSampleId :

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Tot Ion:	77	Resp:	106114
Ion	Ratio	Lower	Upper
77	100		
105	93.3	70.5	110.5
106	89.9	69.8	109.8

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#10

Phenol

Concen: 44.295 ng

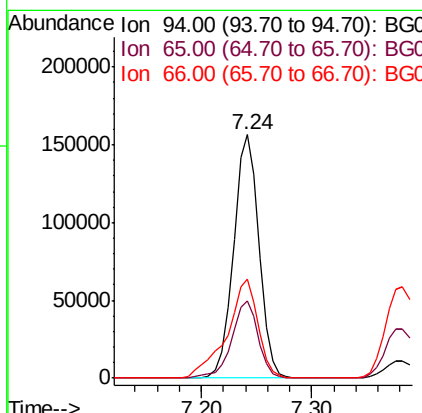
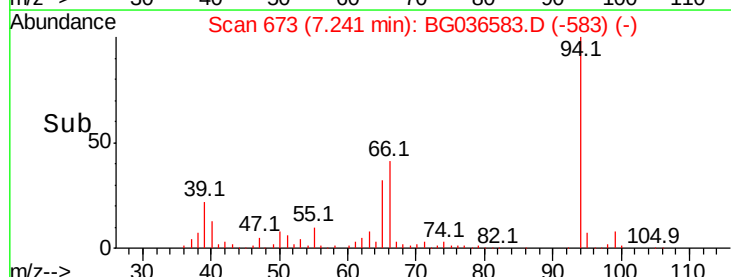
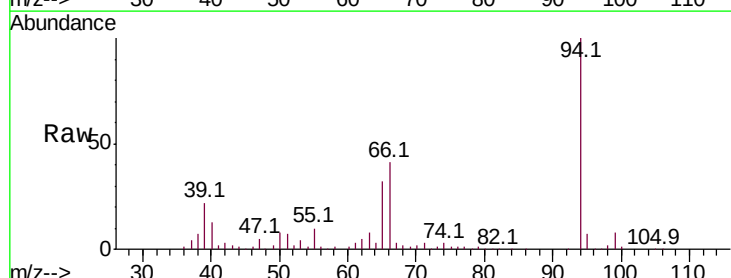
RT: 7.24 min Scan# 673

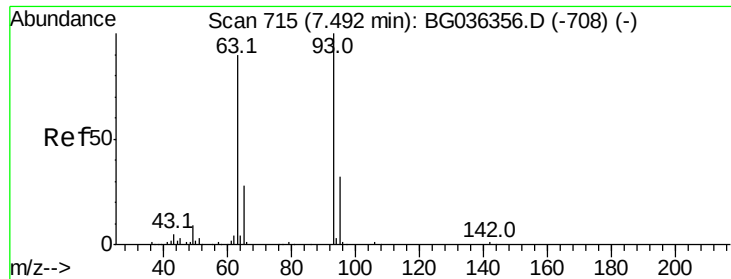
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	94	Resp:	252023
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.5	51.5
66	40.7	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 37.951 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

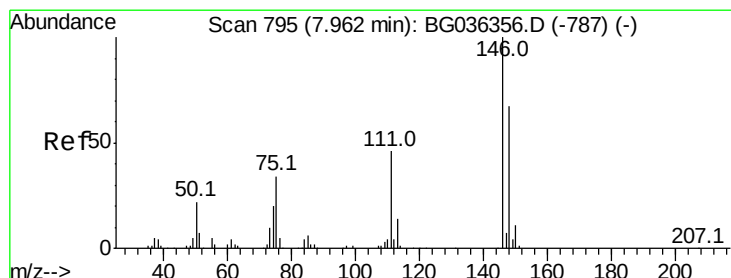
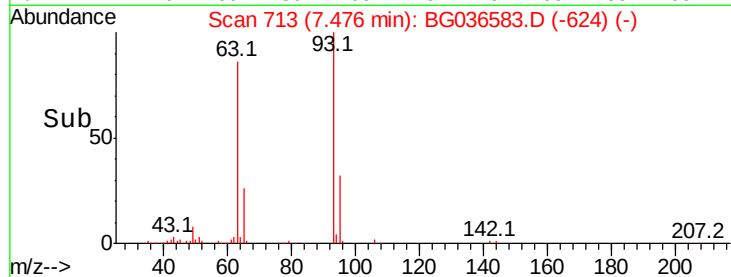
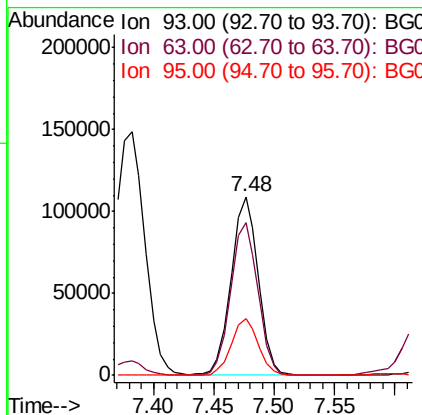
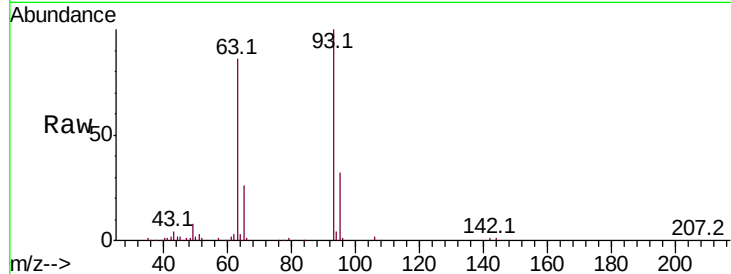
ClientSampleId :

PB112641BSD

Tot Ion:	93	Resp:	171185
Ion Ratio	Lower	Upper	
93	100		
63	85.7	69.9	109.9
95	31.9	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 36.750 ng

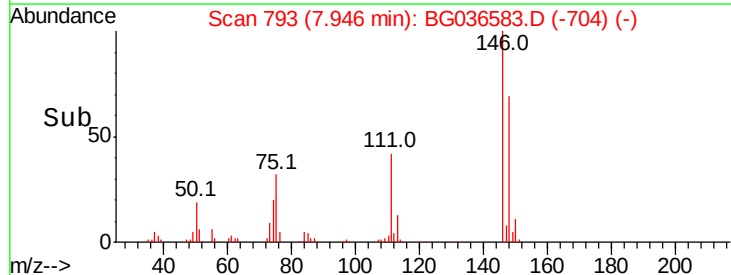
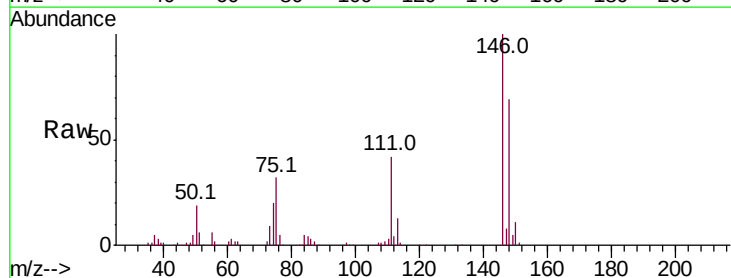
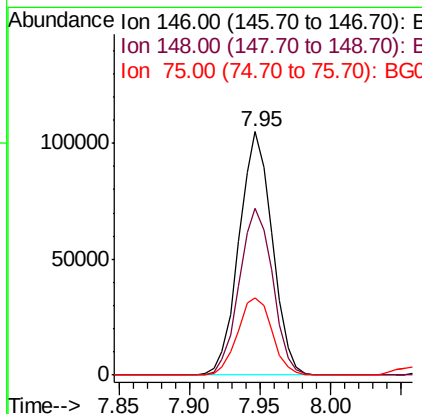
RT: 7.95 min Scan# 793

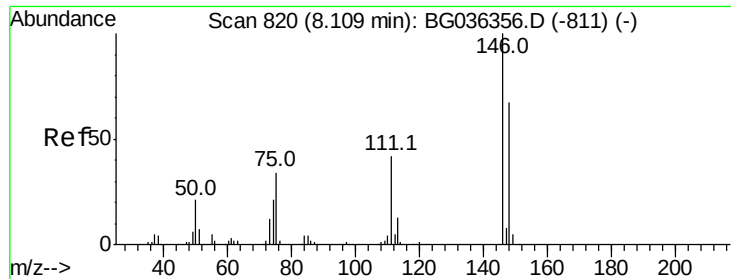
Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	146	Resp:	172808
Ion Ratio	Lower	Upper	
146	100		
148	68.7	53.8	80.6
75	31.8	27.2	40.8





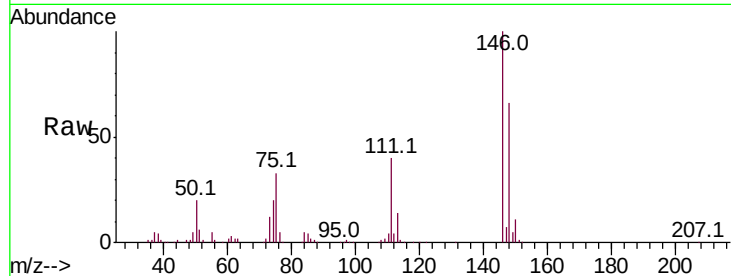
#13
 1,4-Dichlorobenzene
 Concen: 37.218 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.9	80.9
111	40.5	33.8	50.6

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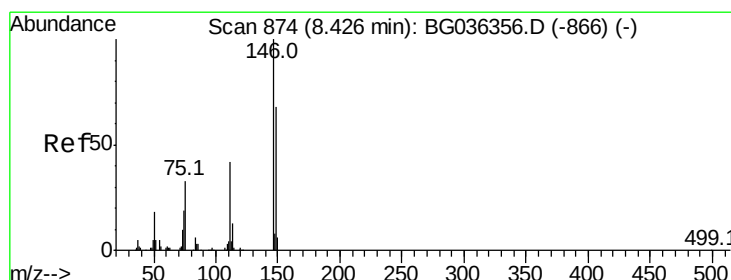
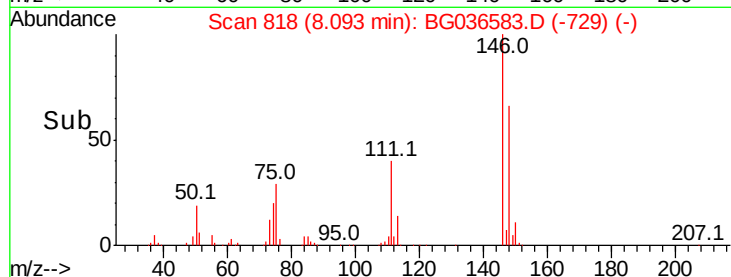
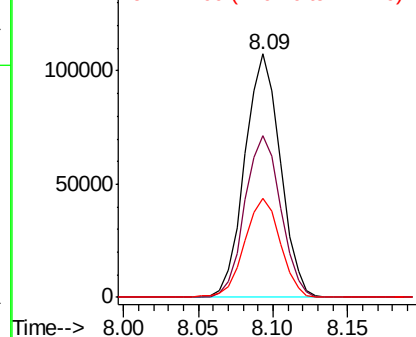


Abundance

Ion 146.00 (145.70 to 146.70): E

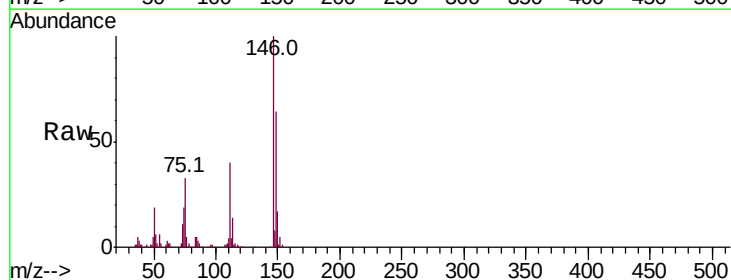
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.169 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	55.0	82.6
111	40.4	34.6	51.8

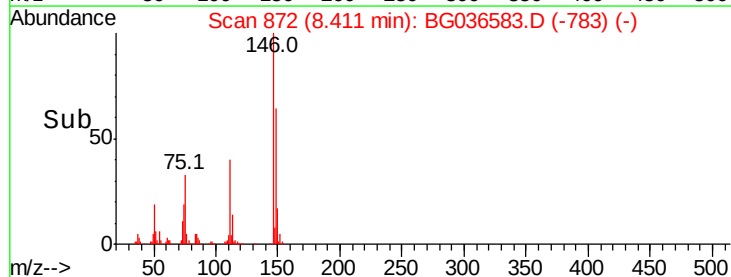
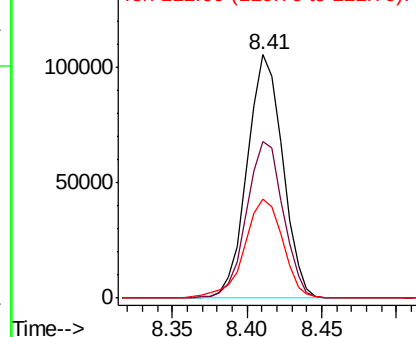


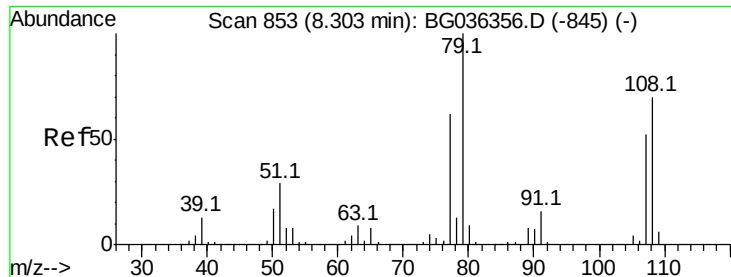
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.115 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

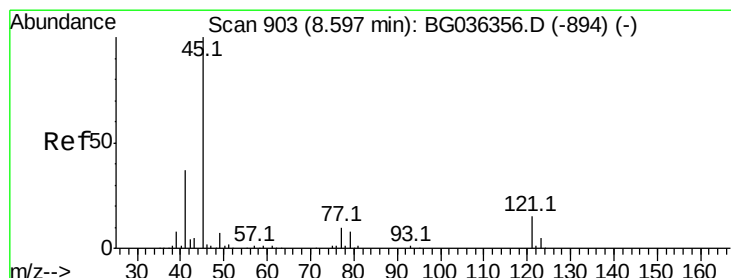
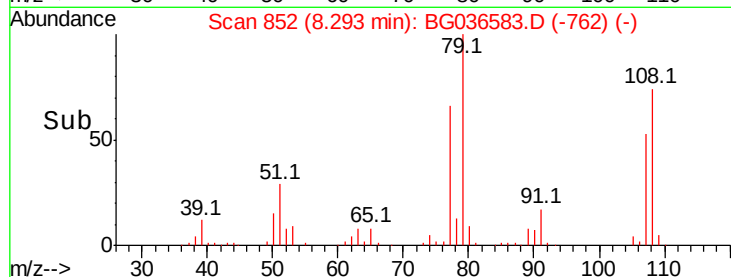
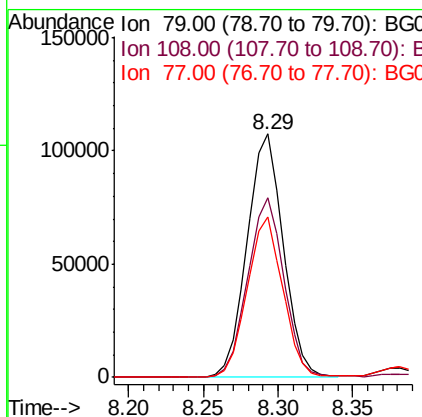
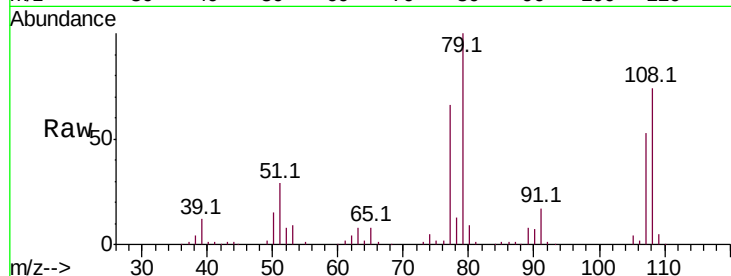
ClientSampled :

PB112641BSD

Tot Ion:	79	Resp:	180206
Ion Ratio	Lower	Upper	
79	100		
108	73.7	55.9	83.9
77	66.1	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.625 ng

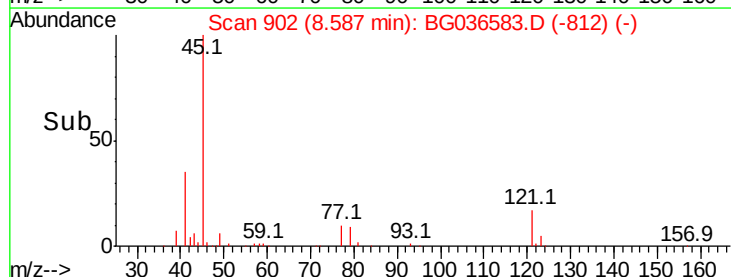
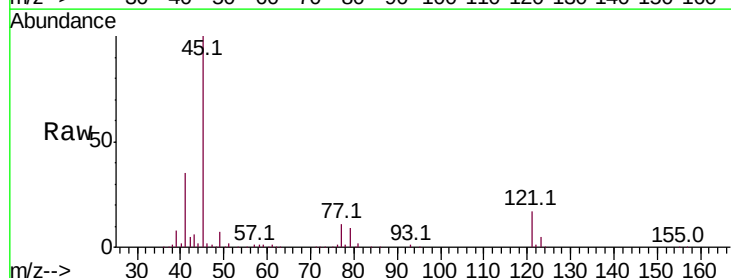
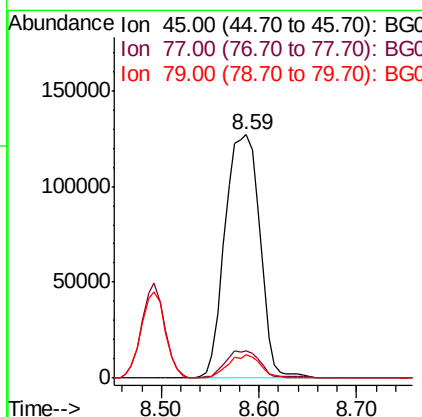
RT: 8.59 min Scan# 902

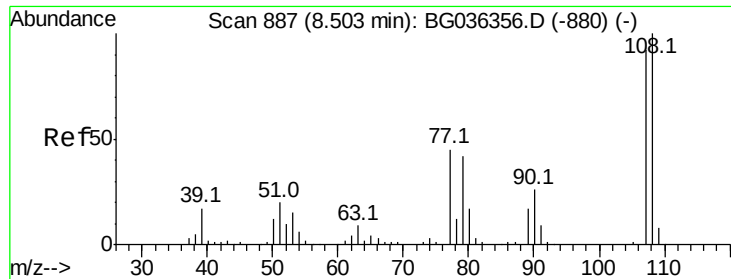
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	45	Resp:	314974
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	30.5
79	9.4	0.0	27.9





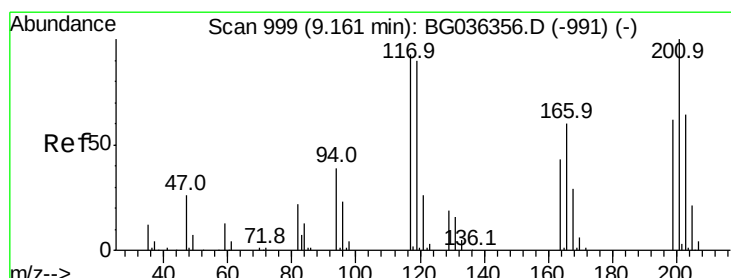
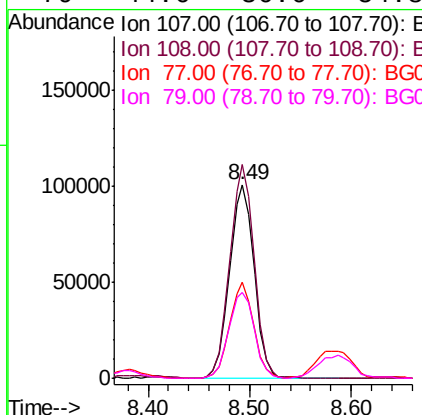
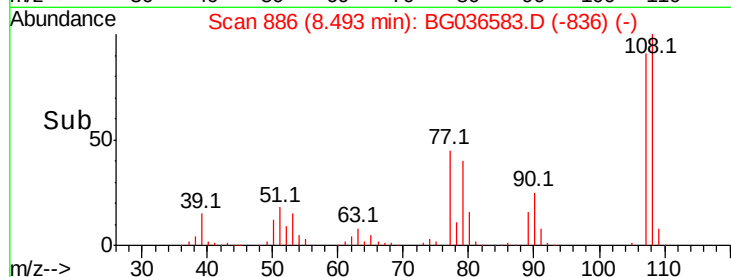
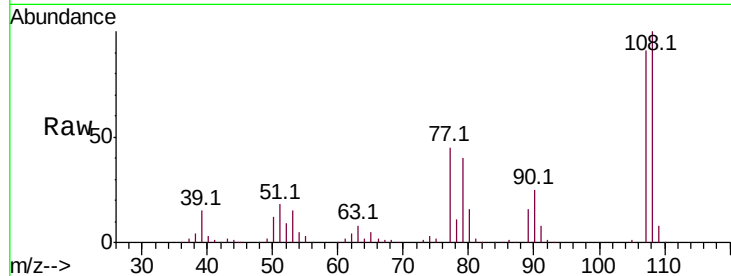
#17
2-Methylphenol
Concen: 44.969 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	169893		
108	110.5	86.7	130.1	
77	49.4	39.0	58.4	
79	44.6	36.6	54.8	

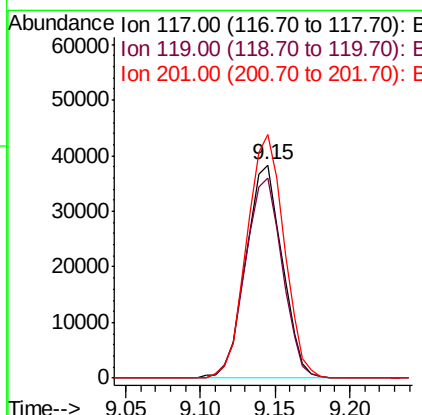
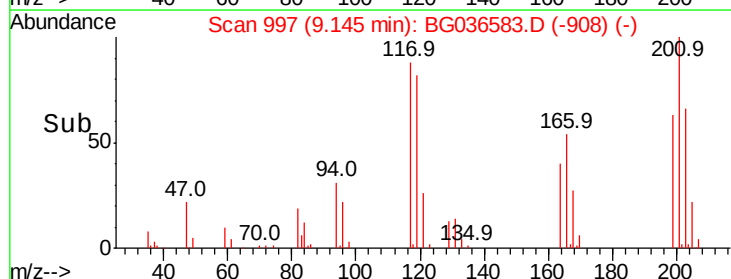
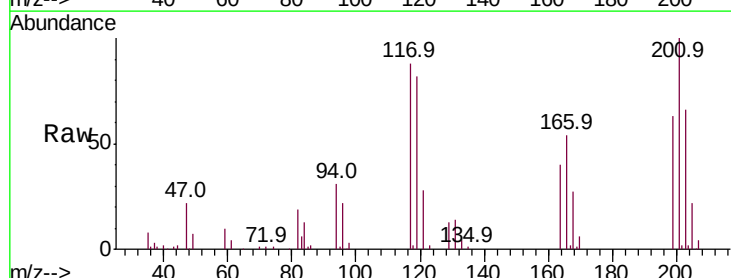
Manual Integrations
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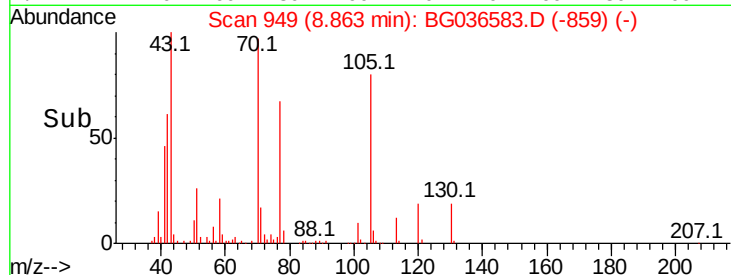
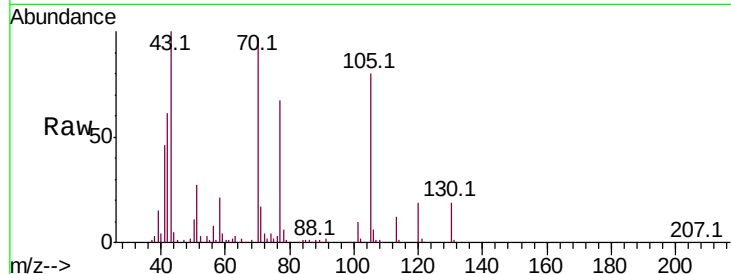
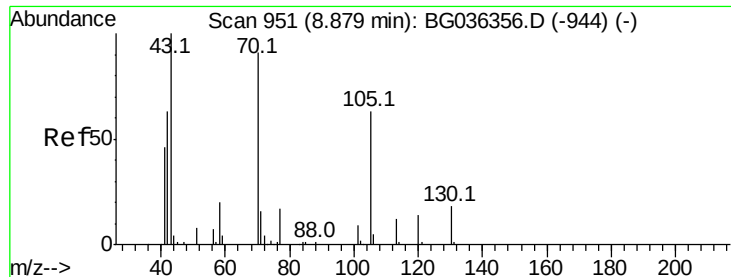
Sohil
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#18
Hexachloroethane
Concen: 38.029 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64731		
119	93.9	76.8	115.2	
201	114.3	85.7	128.5	





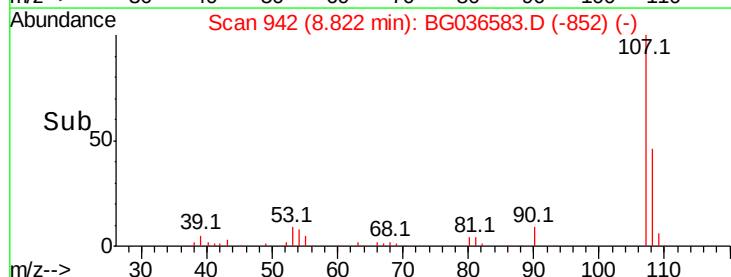
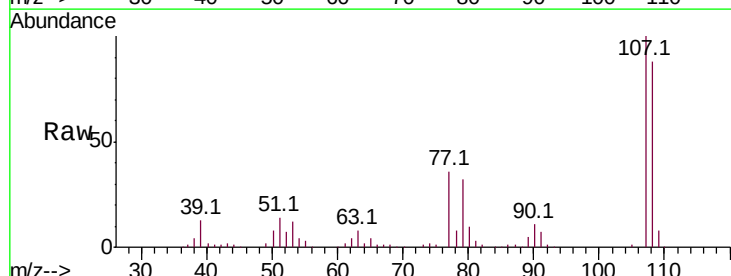
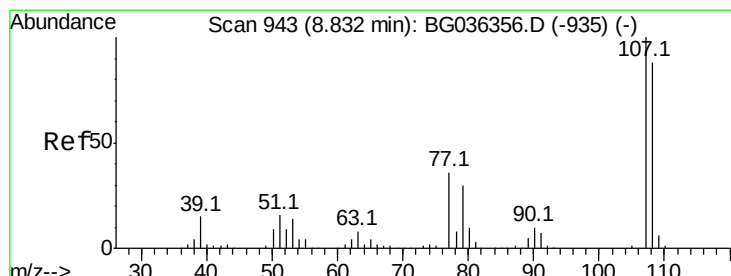
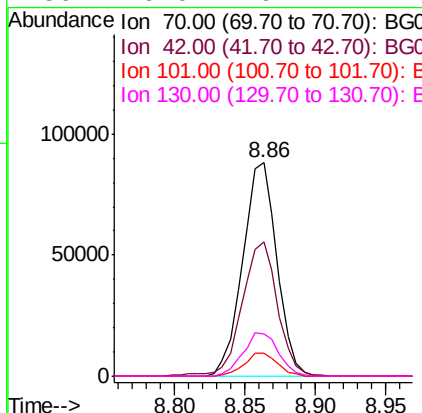
#19
n-Nitroso-di-n-propylamine
Concen: 36.787 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		149479		
42	62.9	56.2		84.4	
101	10.5	7.8		11.6	
130	20.0	16.2		24.2	

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

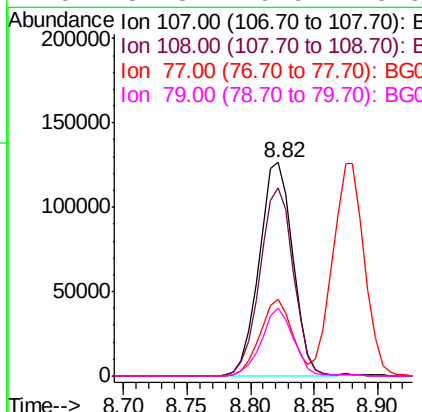
Manual Integrations
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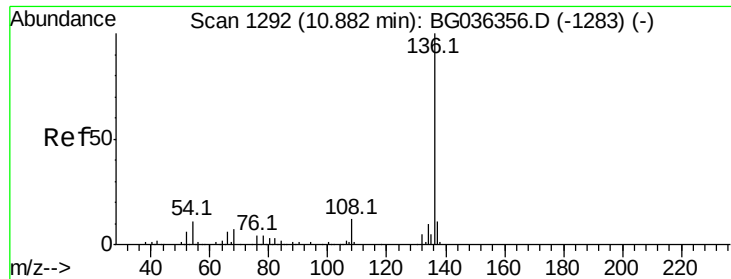
Sohil
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#20
3+4-Methylphenols
Concen: 44.429 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		234344		
108	87.9	68.0		108.0	
77	35.8	15.6		55.6	
79	31.8	9.9		49.9	





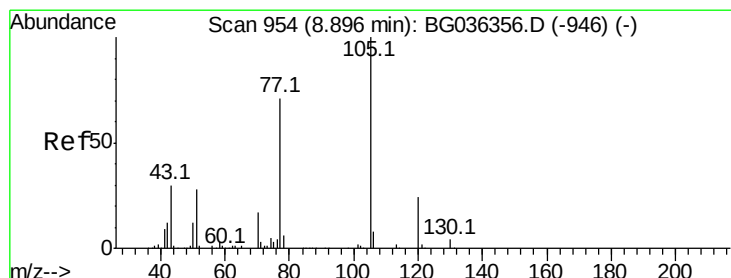
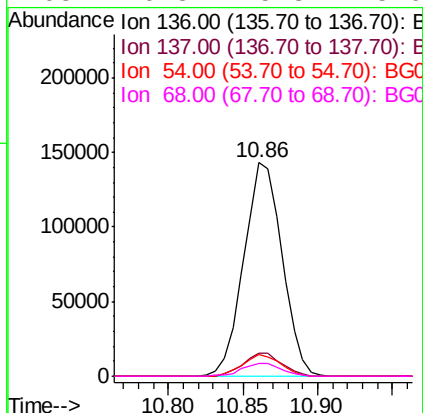
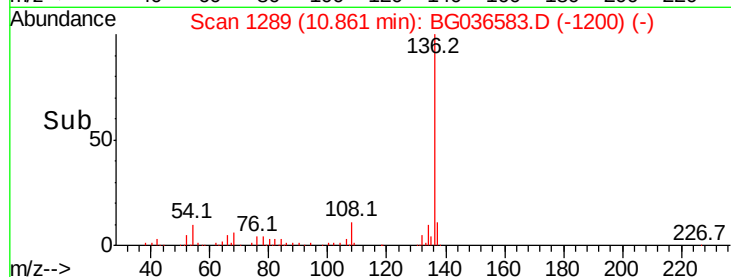
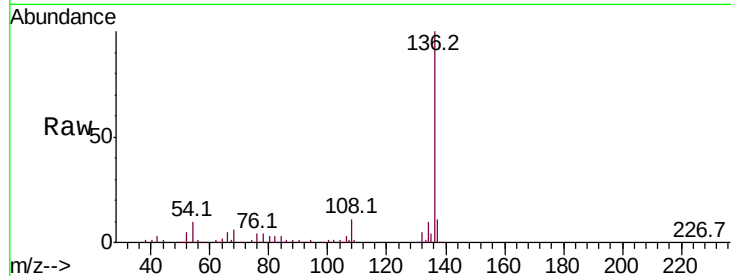
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	253585		
137	10.8		8.8	13.2
54	10.0		9.2	13.8
68	6.3		5.8	8.6

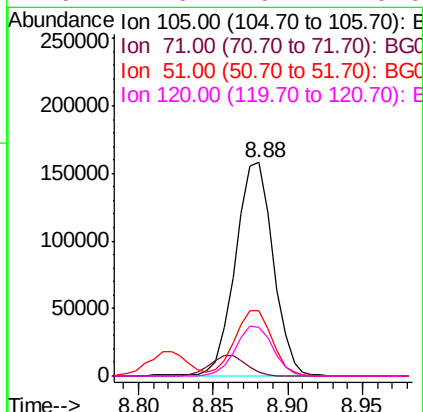
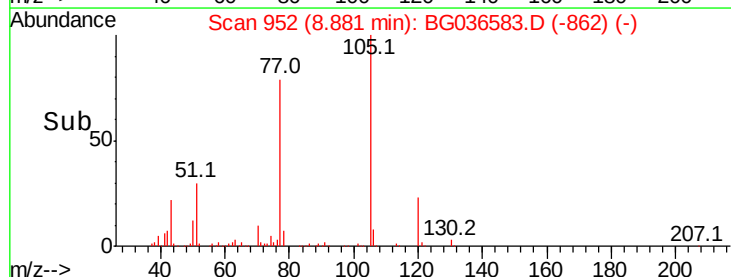
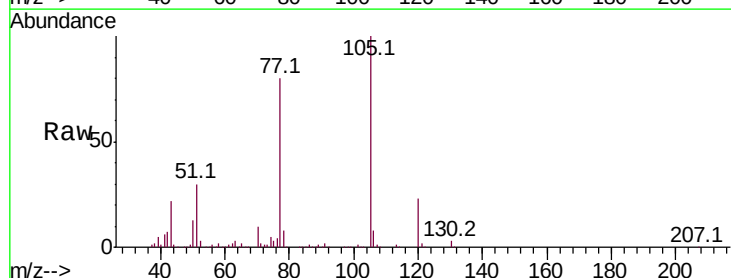
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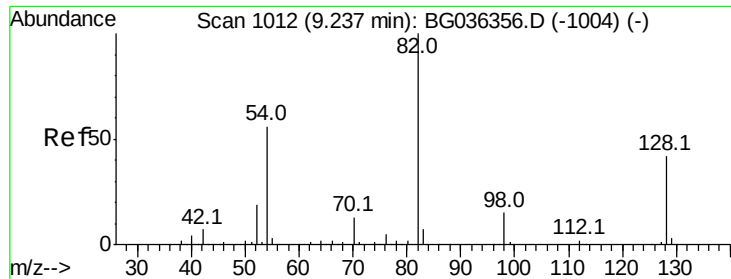
Sohil
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#22
Acetophenone
Concen: 41.643 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277302		
71	1.8		2.4	3.6#
51	30.3		25.9	38.9
120	22.6		19.4	29.0





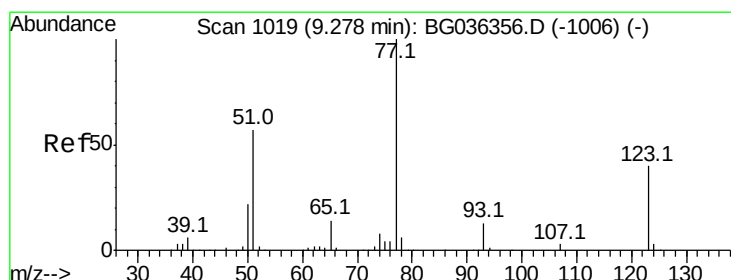
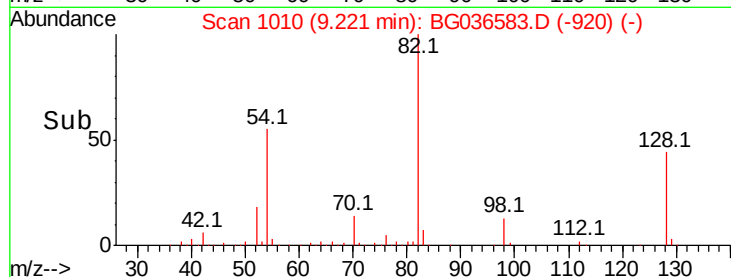
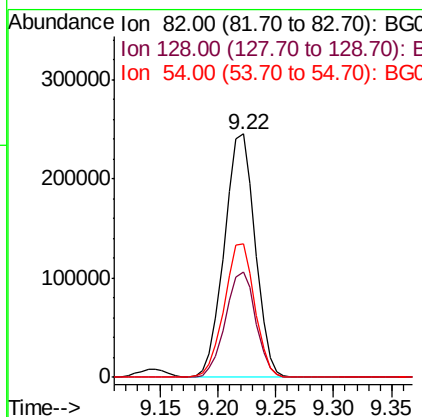
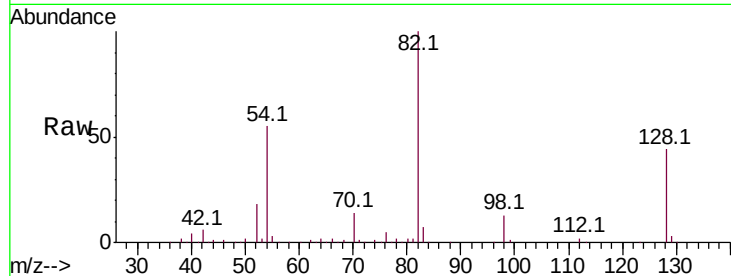
#23
Nitrobenzene-d5
Concen: 96.970 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	54.6	45.1	67.7

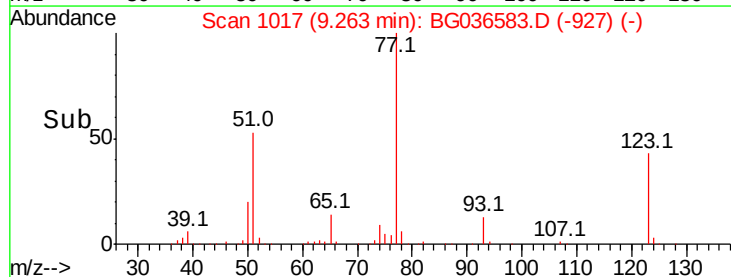
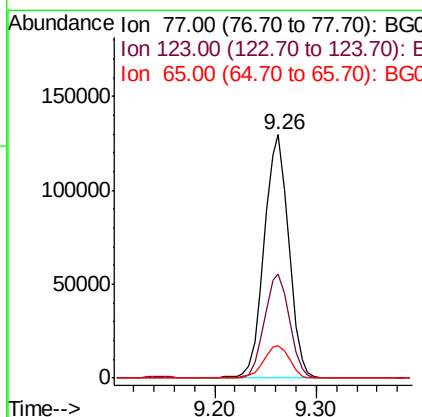
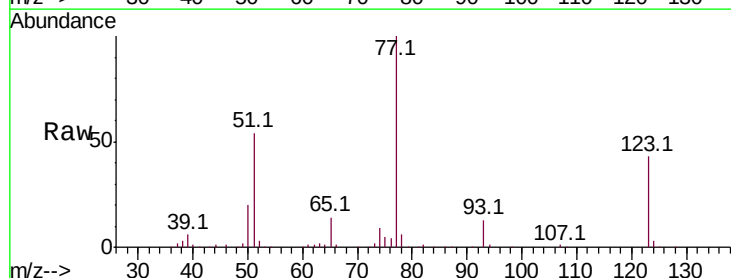
Manual Integrations
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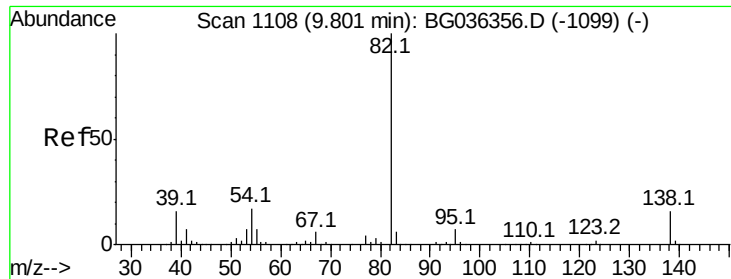
Sohil
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#24
Nitrobenzene
Concen: 43.305 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	32.4	48.6
65	13.6	11.5	17.3





#25

Isophorone

Concen: 45.594 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

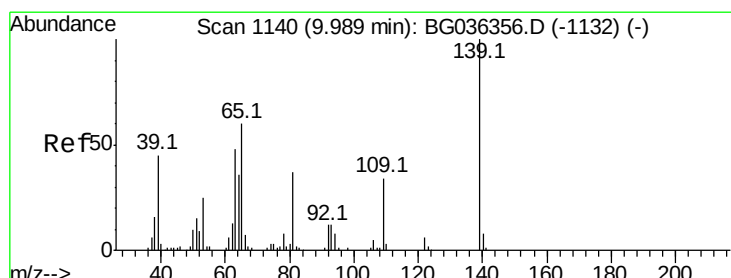
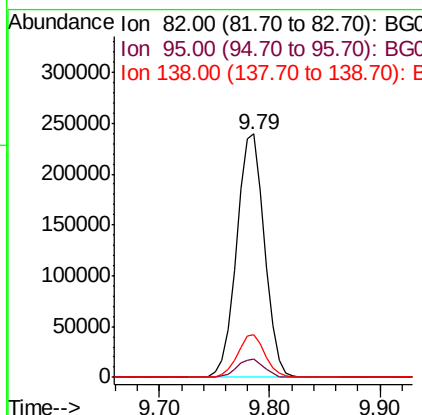
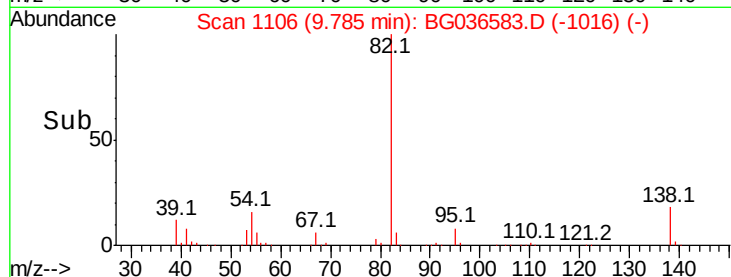
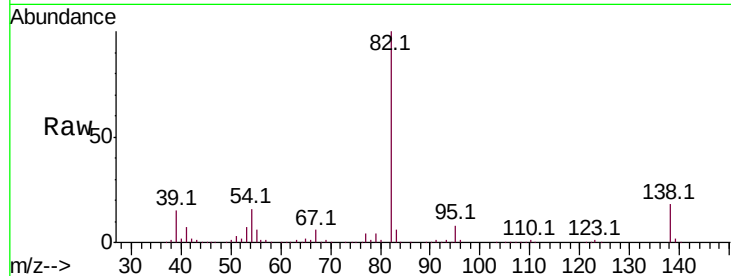
ClientSampleId :

PB112641BSD

Tot Ion:	82	Resp:	423325
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.8
138	17.7	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.355 ng

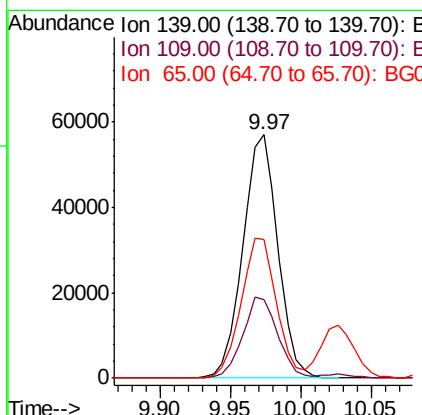
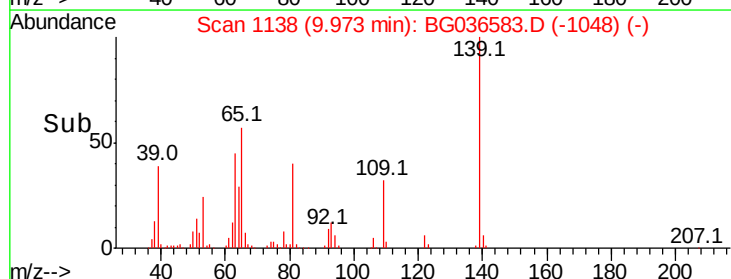
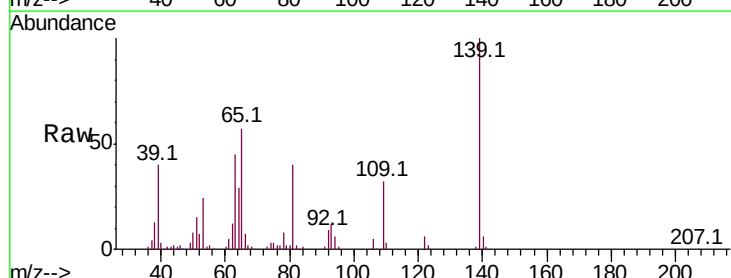
RT: 9.97 min Scan# 1138

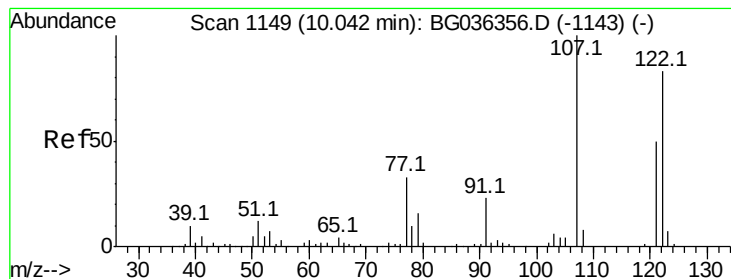
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	139	Resp:	98568
Ion Ratio	Lower	Upper	
139	100		
109	32.0	27.4	41.0
65	57.0	47.8	71.6





#27

2,4-Dimethylphenol

Concen: 51.005 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

ClientSampleId :

PB112641BSD

Tot Ion:122 Resp: 188592

Ion Ratio Lower Upper

122 100

107 119.0 96.0 144.0

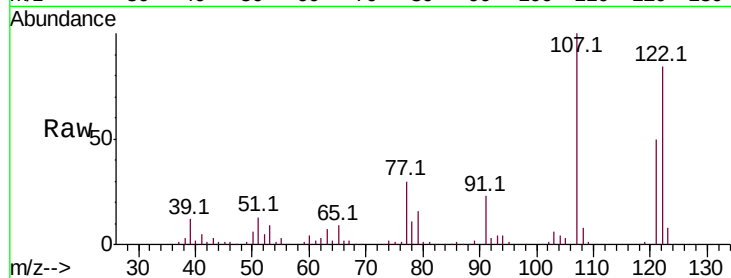
121 59.8 48.2 72.4

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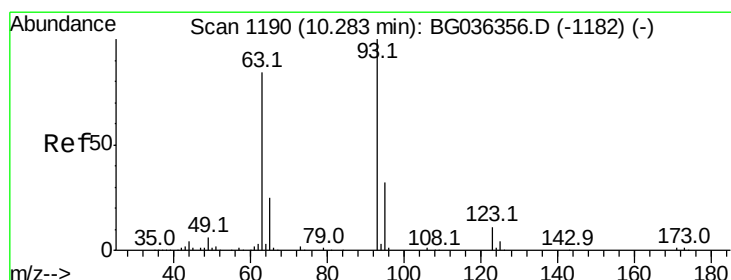
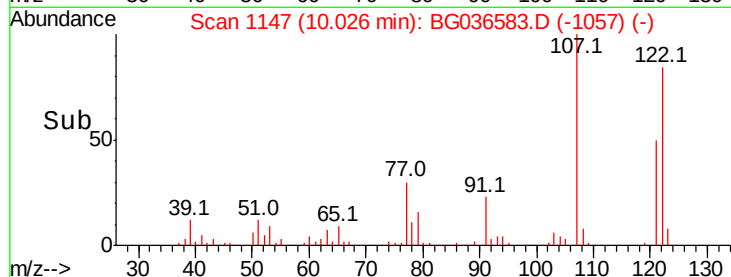
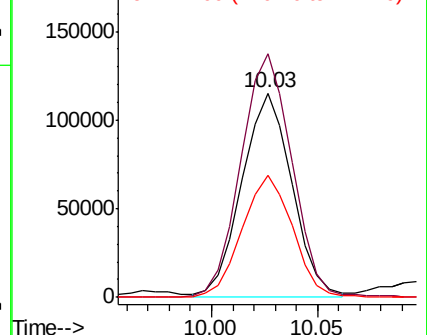
9/7/2018 11:44:51 AM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.645 ng

RT: 10.27 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

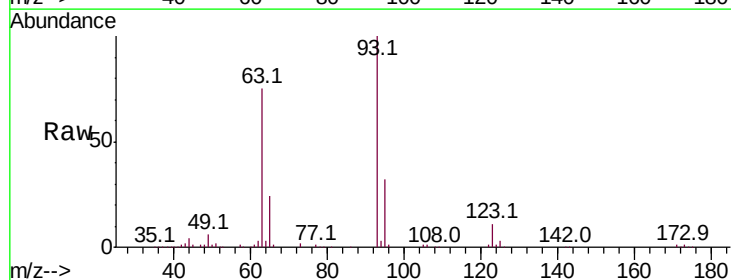
Tgt Ion: 93 Resp: 243002

Ion Ratio Lower Upper

93 100

95 32.5 25.2 37.8

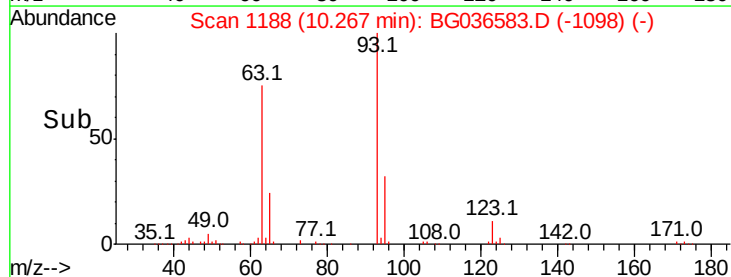
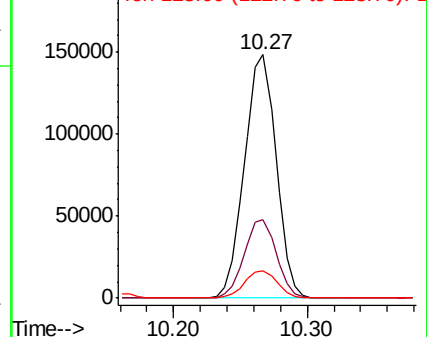
123 11.3 8.6 12.8

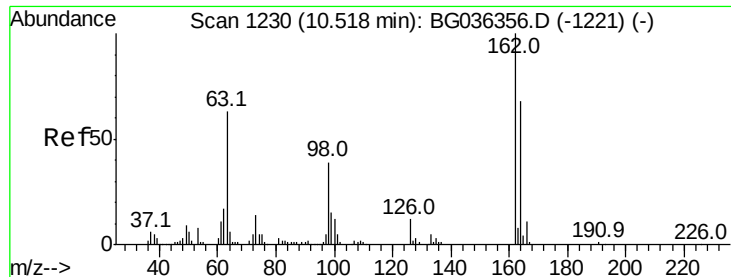


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





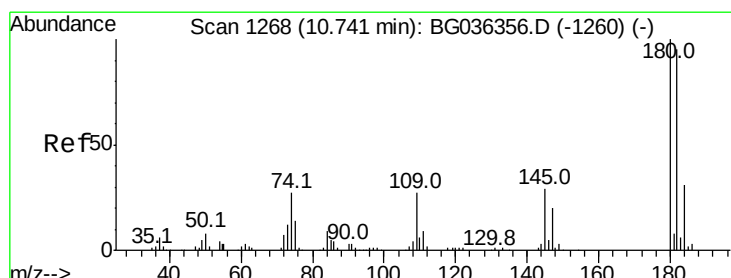
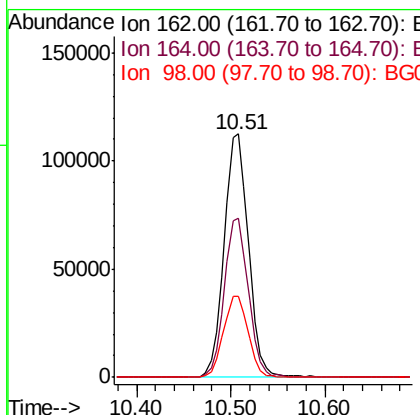
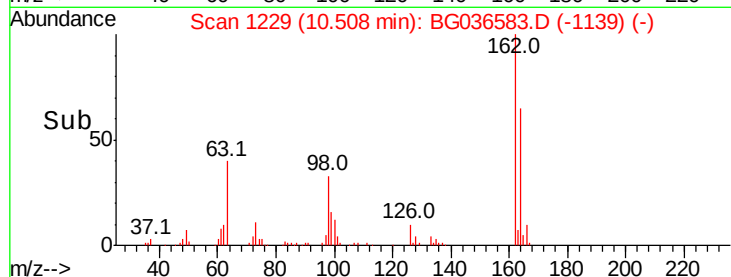
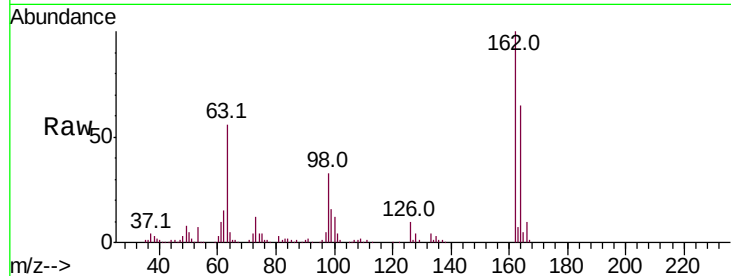
#29
2,4-Dichlorophenol
Concen: 49.978 ng
RT: 10.51 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	47.6	87.6
98	33.2	19.2	59.2

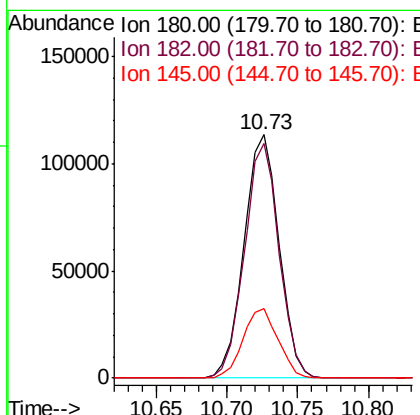
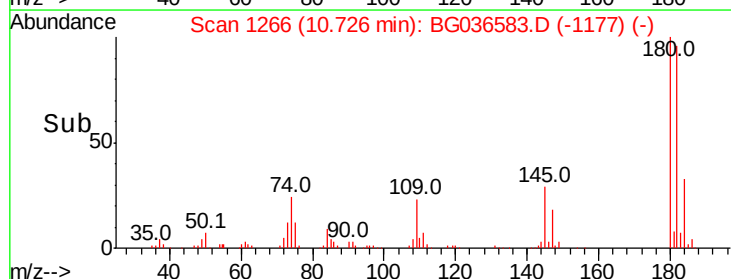
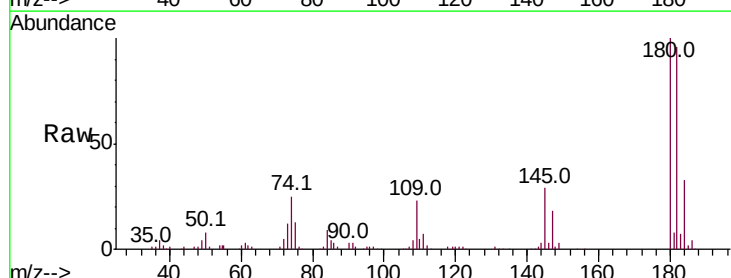
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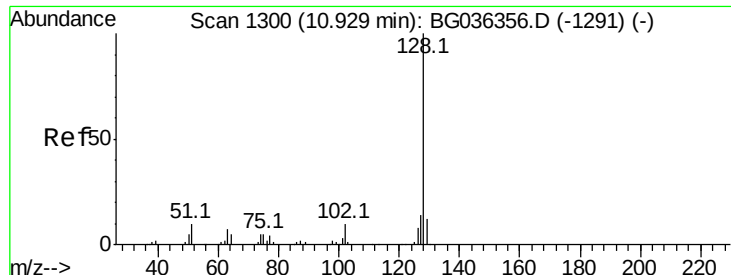
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#30
1,2,4-Trichlorobenzene
Concen: 41.674 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	28.6	22.9	34.3





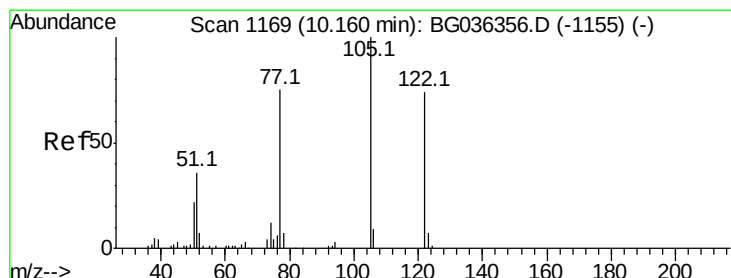
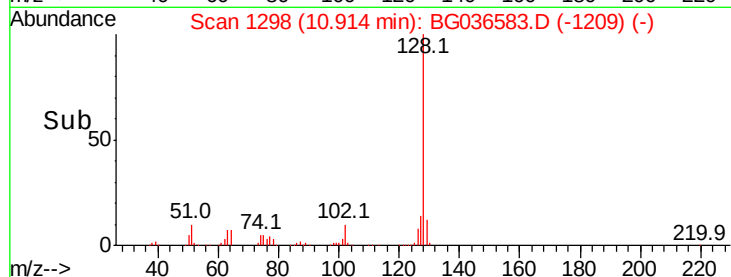
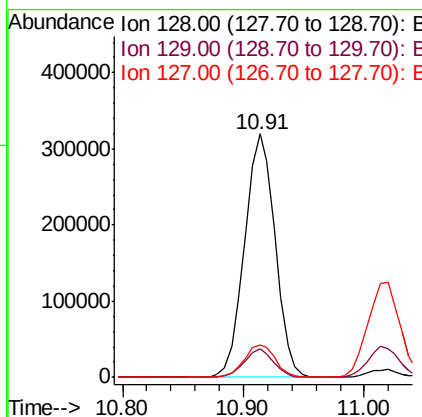
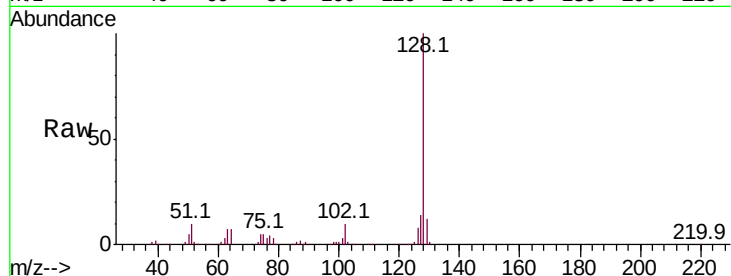
#31
Naphthalene
Concen: 44.505 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.4	14.2	
127	13.5	11.0	16.4	

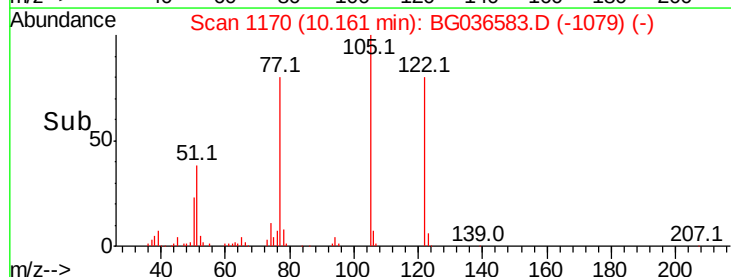
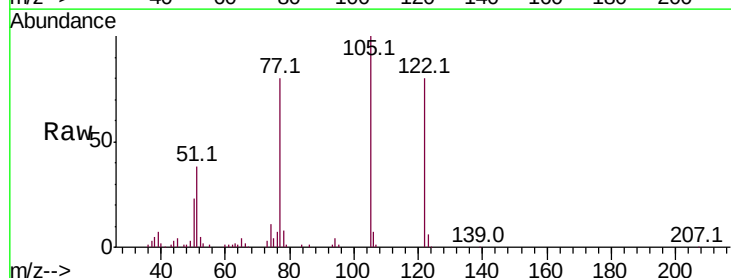
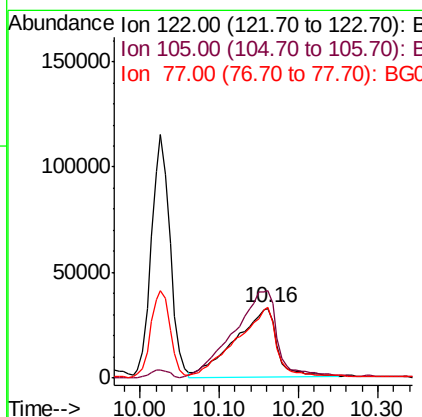
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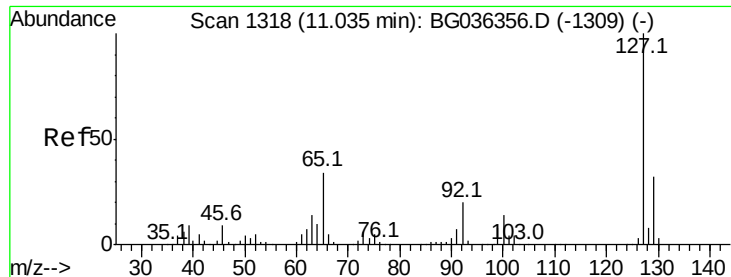
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#32
Benzoic acid
Concen: 44.247 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.7	108.1	148.1	
77	101.1	76.3	116.3	





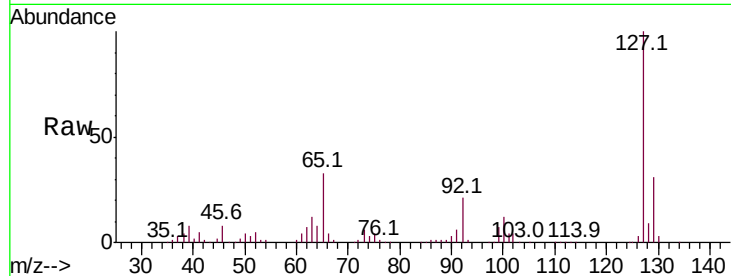
#33
4-Chloroaniline
Concen: 39.891 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

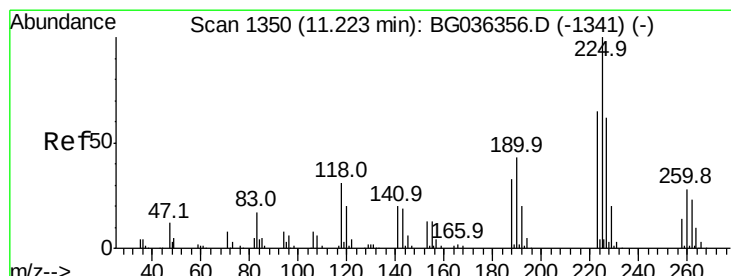
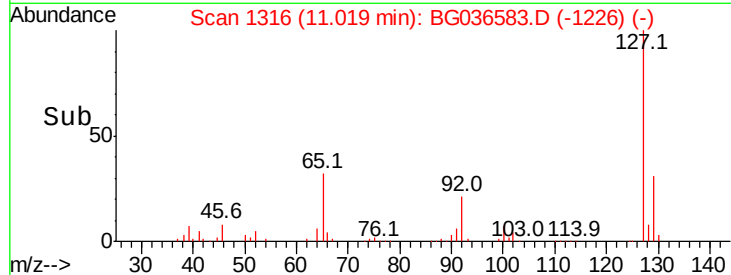
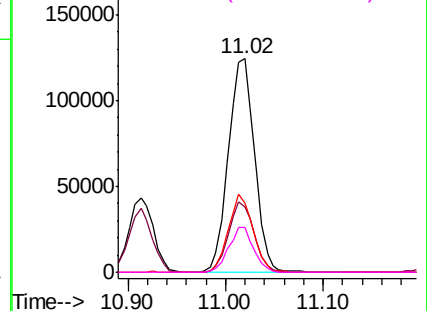
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	32.6	27.5	41.3
92	21.2	16.2	24.2

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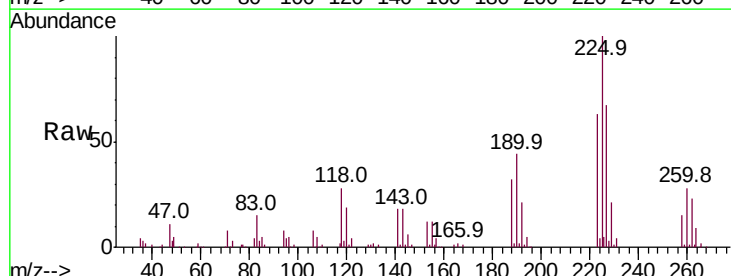


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

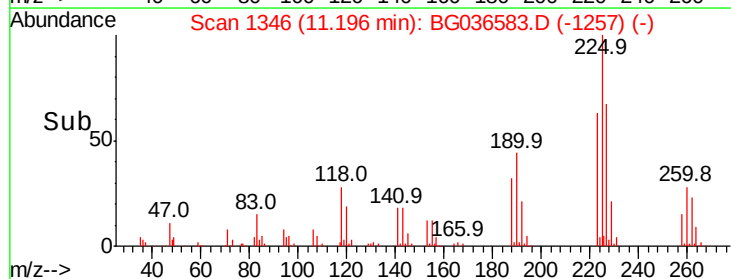
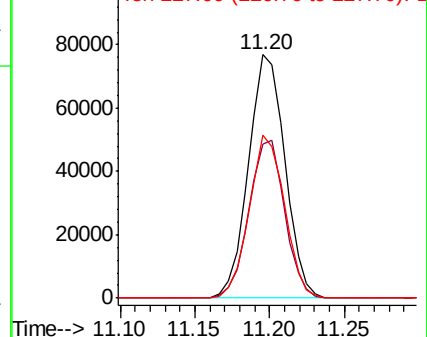


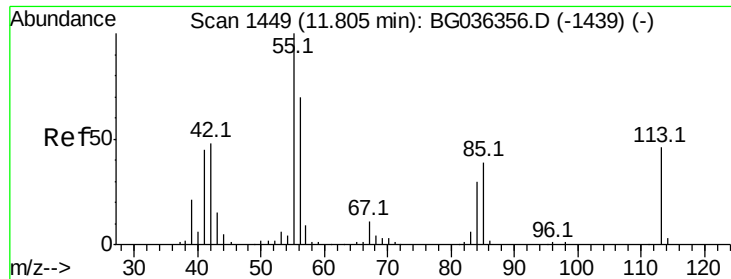
#34
Hexachlorobutadiene
Concen: 40.680 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.8	77.8
227	66.7	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: 48.577 ng/mL

RT: 11.79 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

ClientSampleID :

PB112641BSD

Tot Ion:113 Resp: 78416

Ion Ratio Lower Upper

113 100

55 212.3 197.7 237.7

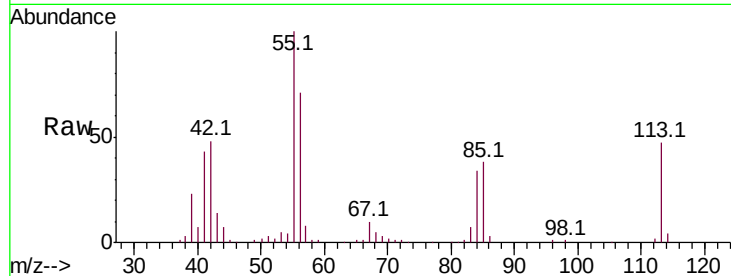
56 151.3 131.7 171.7

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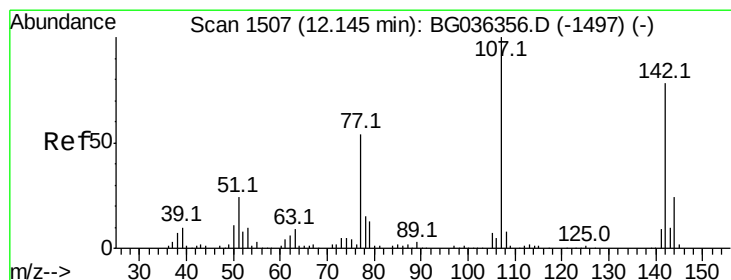
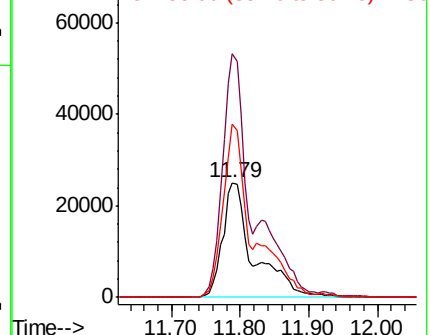
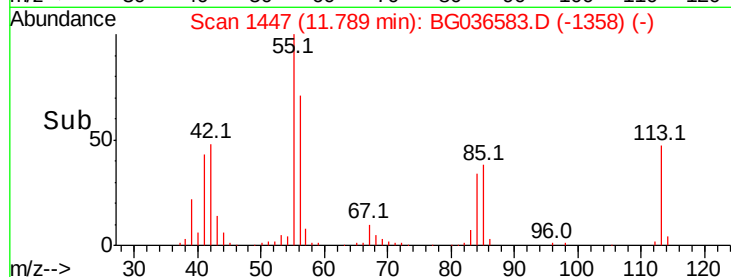
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.244 ng/mL

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

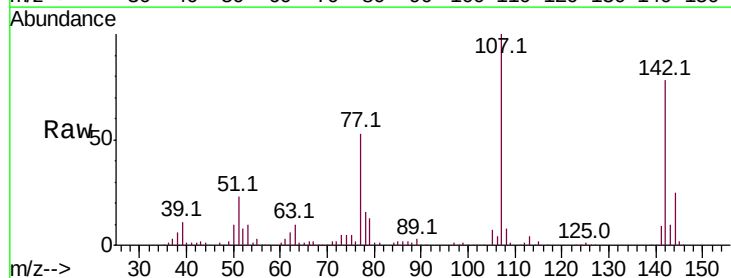
Tgt Ion:107 Resp: 231868

Ion Ratio Lower Upper

107 100

144 25.4 19.5 29.3

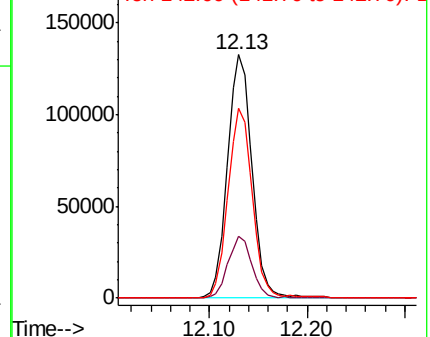
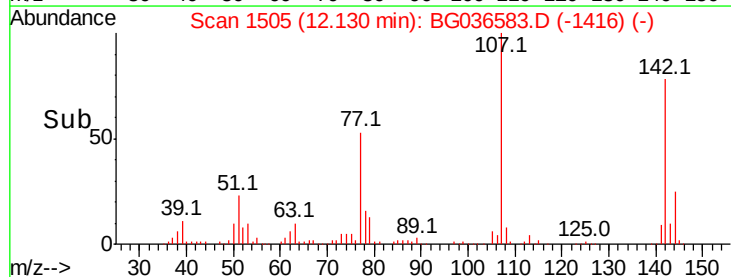
142 78.1 62.4 93.6

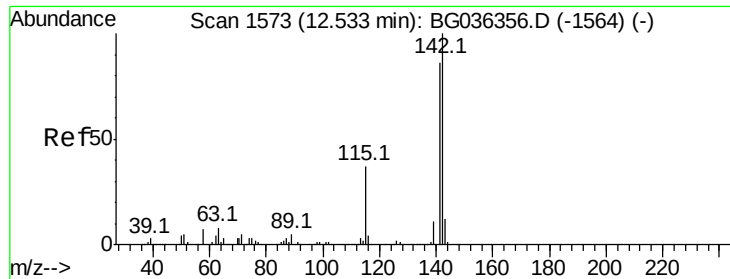


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





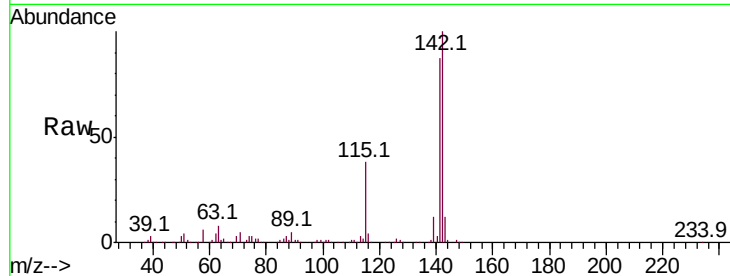
#37
2-Methylnaphthalene
Concen: 48.875 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

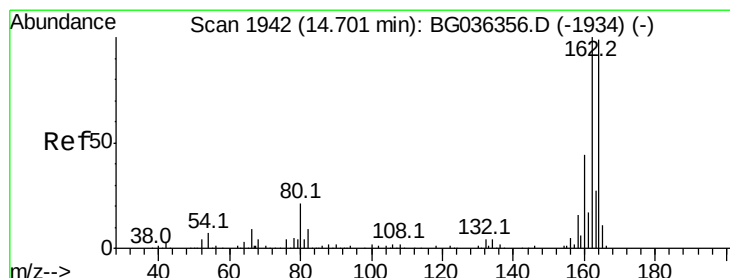
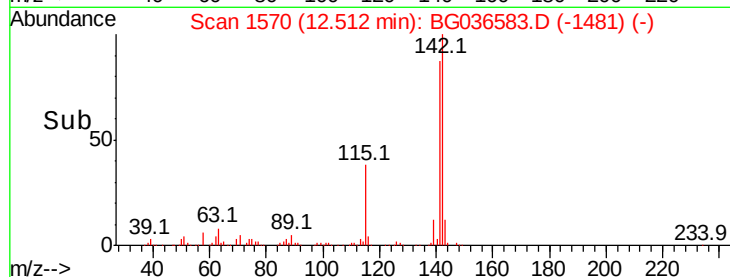
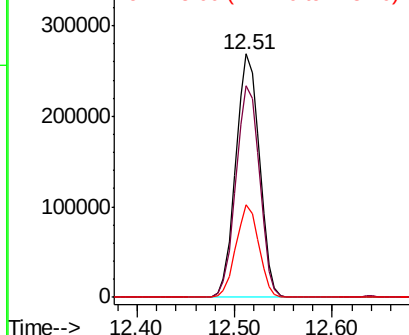
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	68.5	102.7
115	38.0	29.8	44.8

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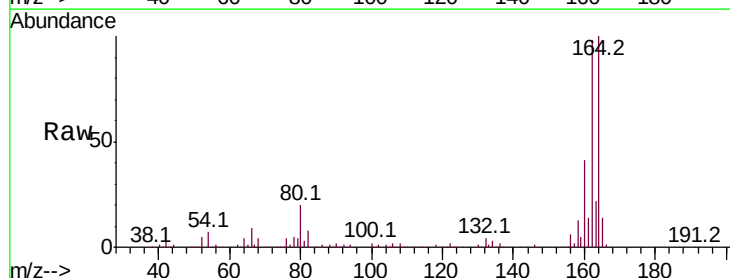


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

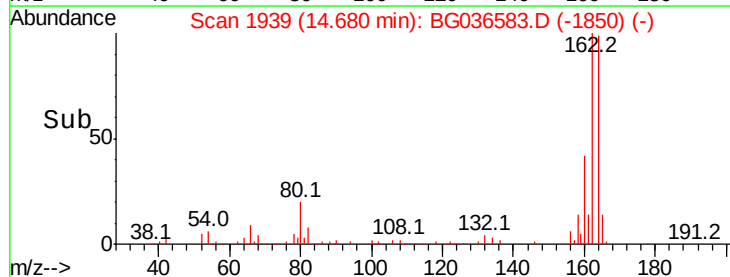
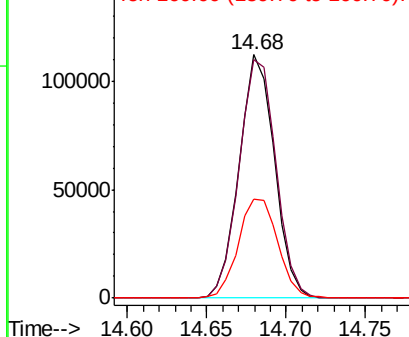


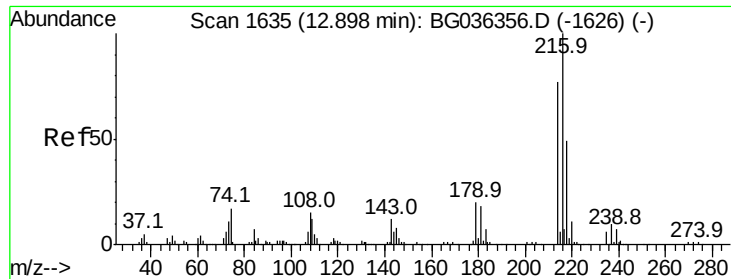
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.7	121.1
160	40.9	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





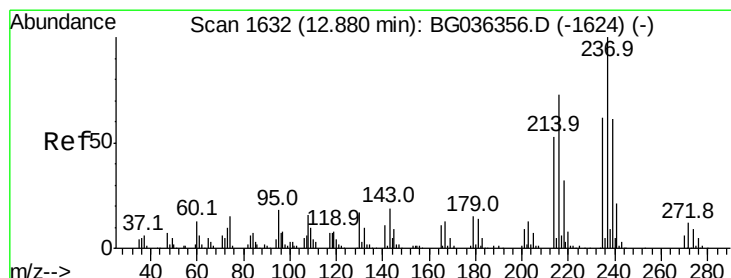
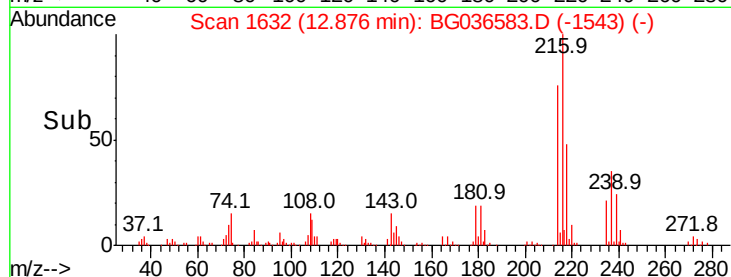
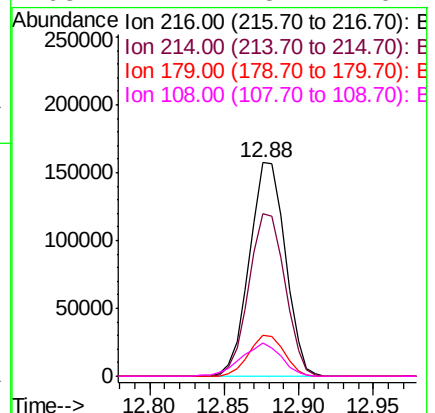
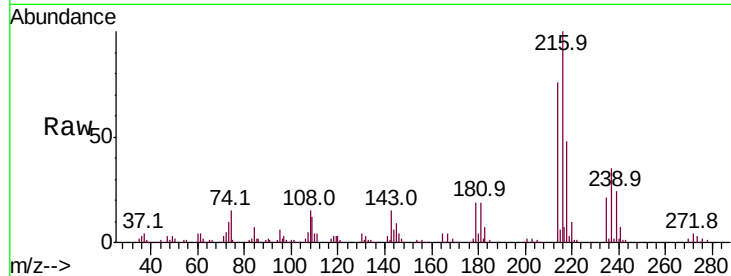
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.608 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	261632		
214	76.5	61.0	91.6	
179	19.1	15.7	23.5	
108	17.4	13.1	19.7	

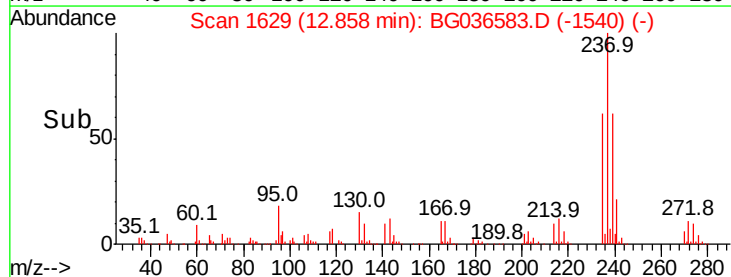
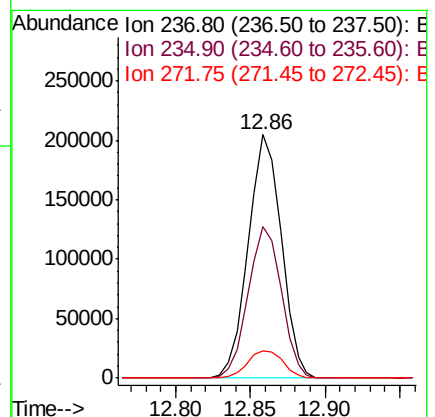
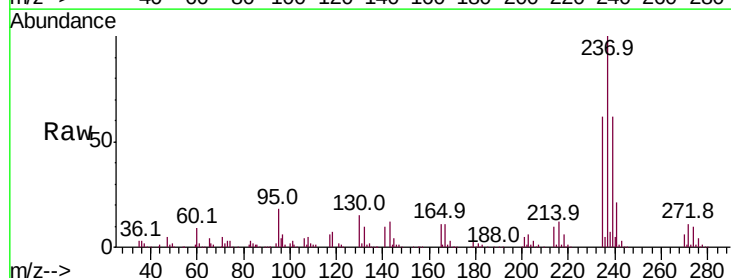
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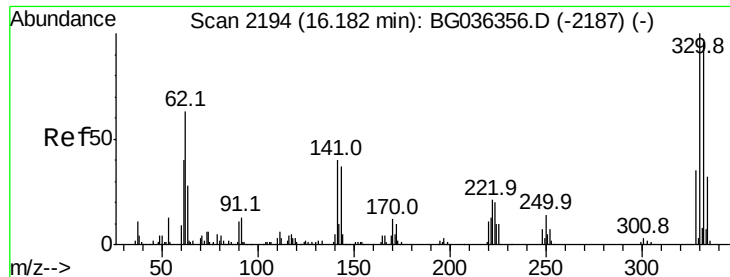
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#40
 Hexachlorocyclopentadiene
 Concen: 98.300 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	314052		
235	62.1	42.2	82.2	
272	11.4	0.0	32.1	





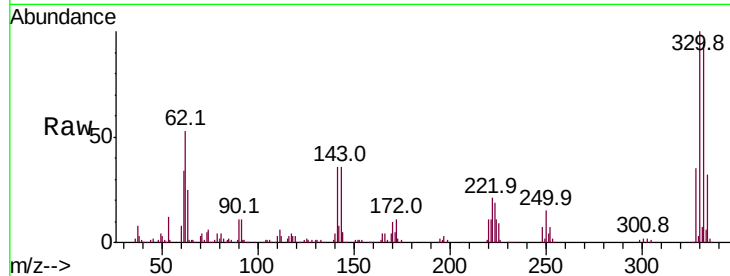
#41
 2,4,6-Tribromophenol
 Concen: 111.801 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	231471		
332	95.5	75.4	113.2	
141	36.0	30.7	46.1	

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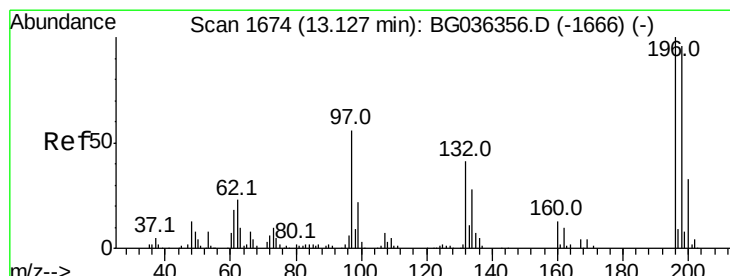
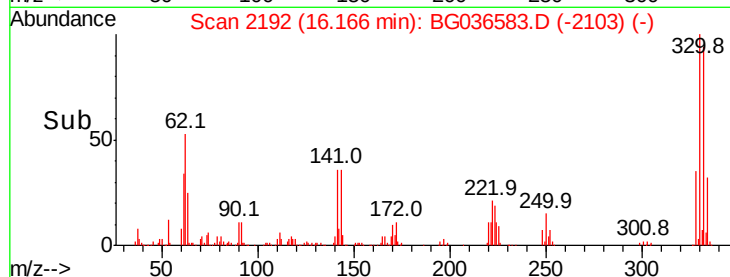
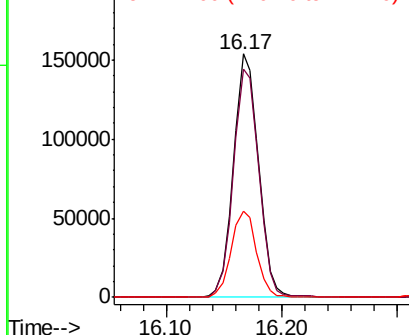


Abundance

Ion 329.80 (329.50 to 330.50): E

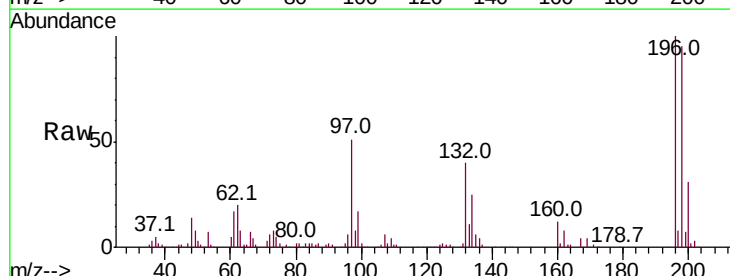
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.547 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181585		
198	94.6	77.2	115.8	
200	30.7	26.3	39.5	

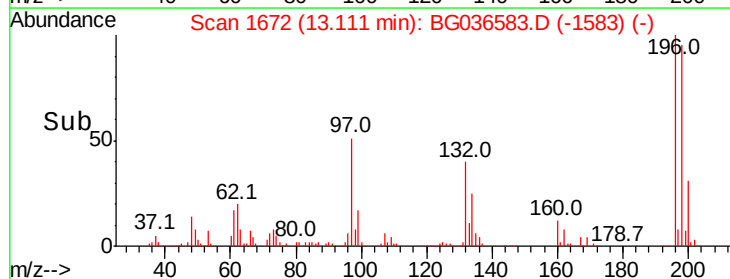
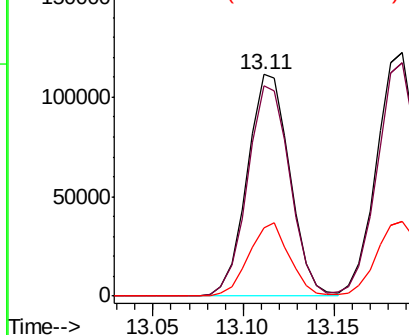


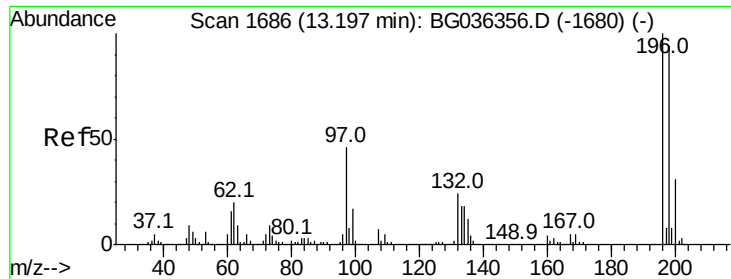
Abundance

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





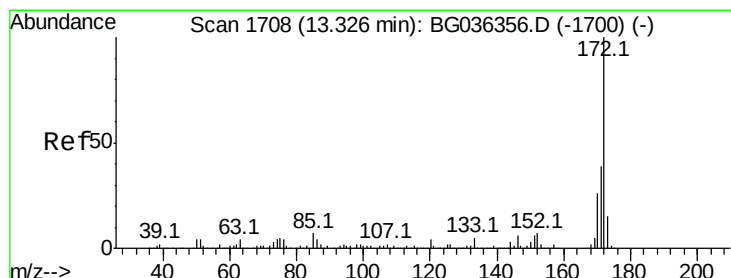
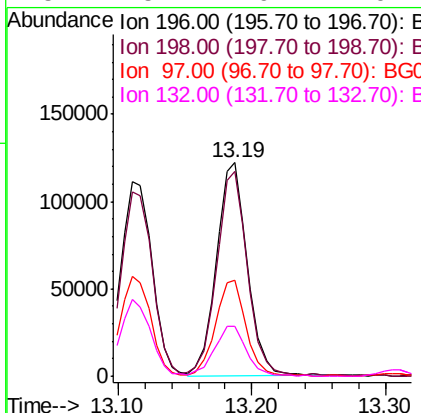
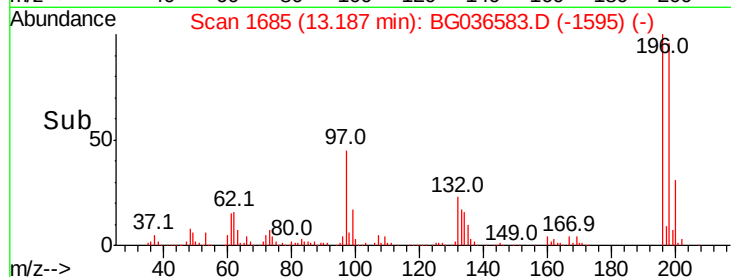
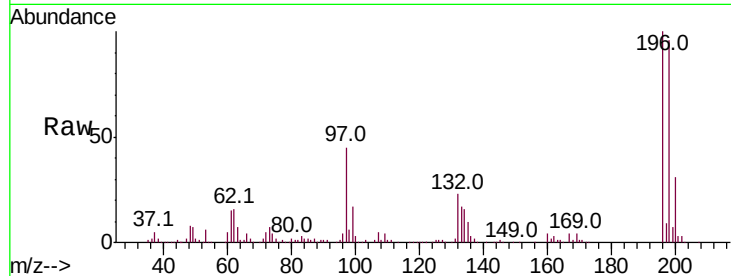
#43
 2,4,5-Trichlorophenol
 Concen: 49.555 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197701		
198	96.1	75.6	113.4	
97	45.0	37.2	55.8	
132	23.1	19.4	29.2	

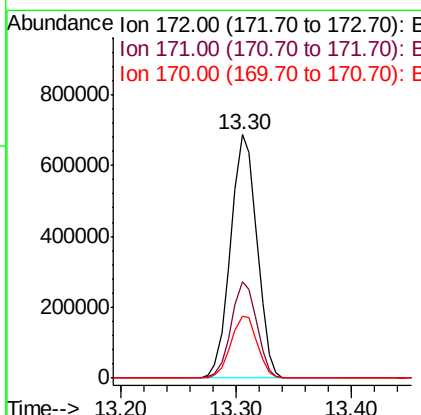
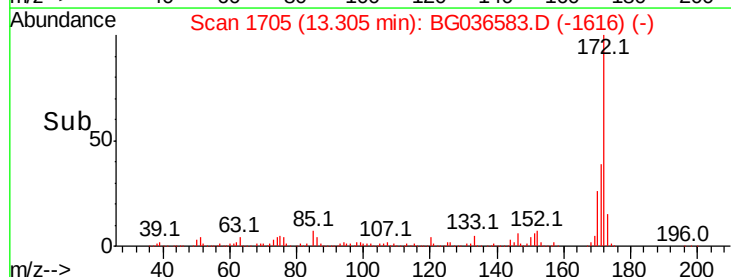
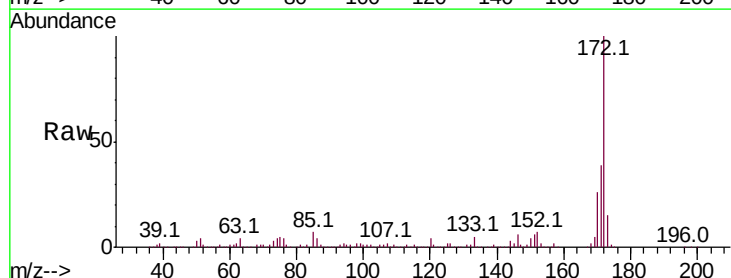
Manual Integrations
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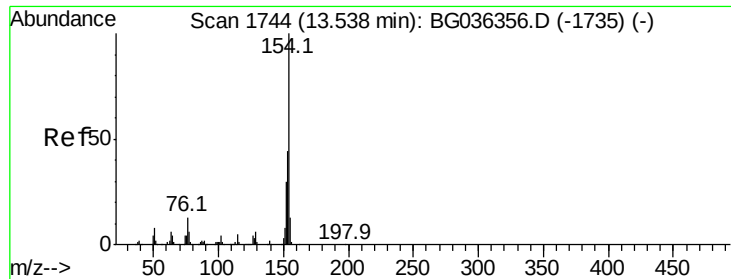
Sohil
 9/7/2018 11:44:51 AM



#44
 2-Fluorobiphenyl
 Concen: 89.128 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1083111		
171	39.4	31.3	46.9	
170	25.7	21.0	31.6	





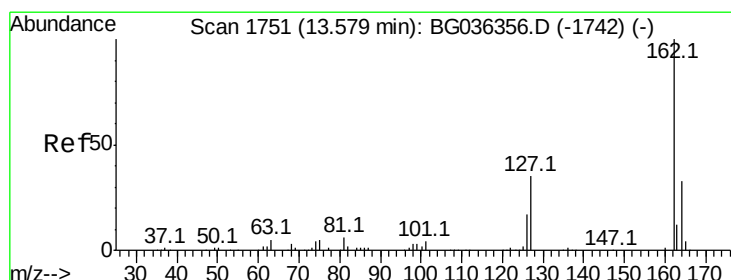
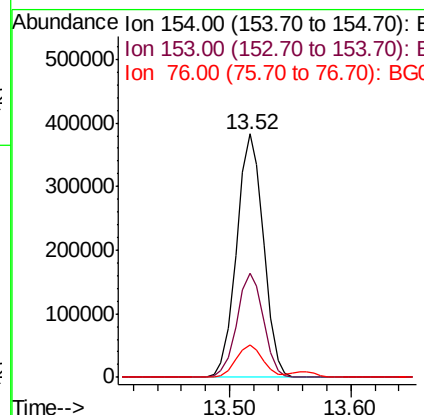
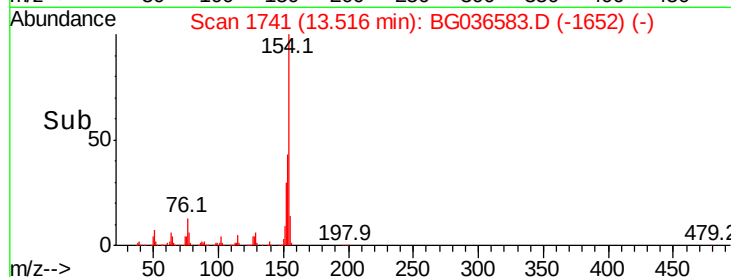
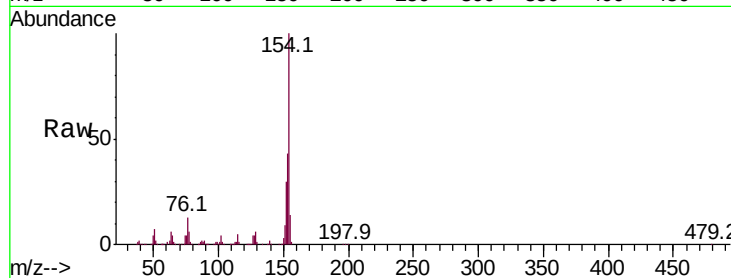
#45
1,1'-Biphenyl
Concen: 41.019 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.0	24.0	64.0	
76	13.2	0.0	32.9	

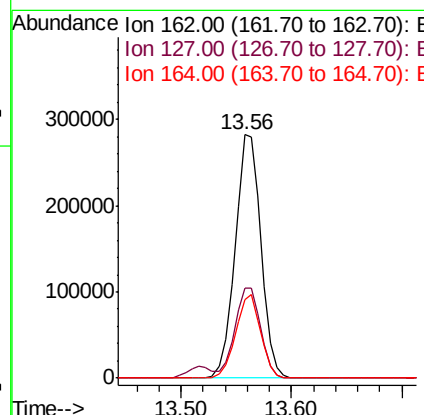
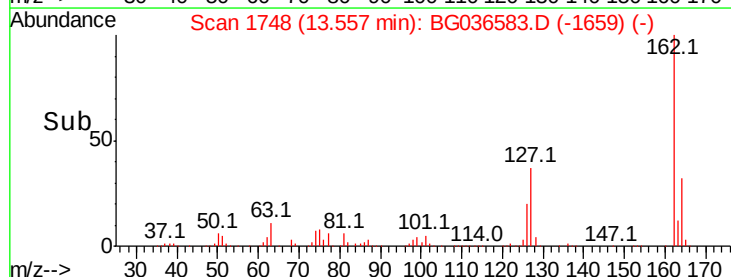
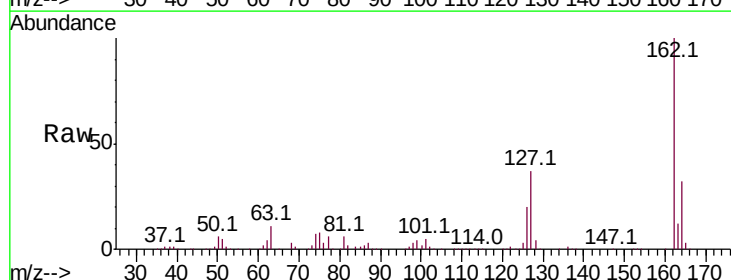
Manual Integrations
APPROVED

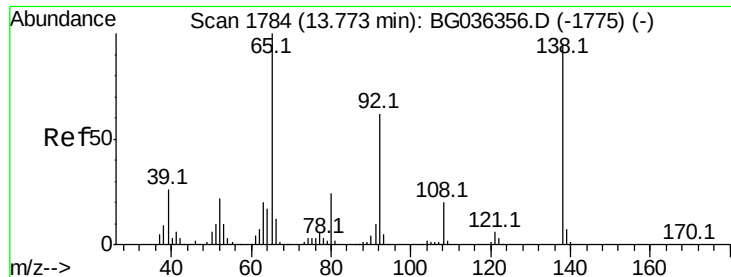
Sohil
9/7/2018 11:44:51 AM



#46
2-Chloronaphthalene
Concen: 41.939 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.8	30.7	46.1	
164	32.3	26.7	40.1	





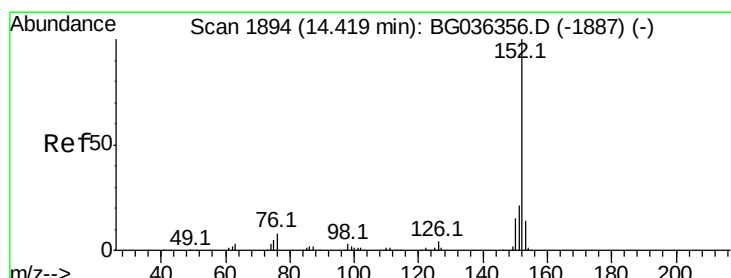
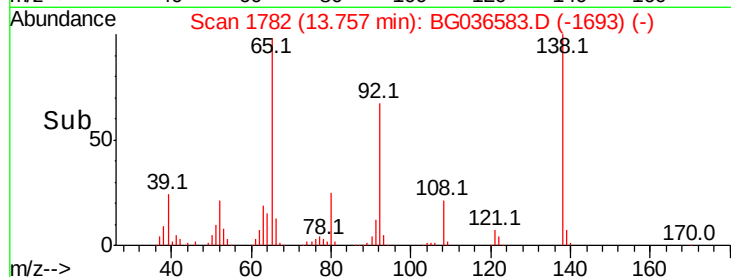
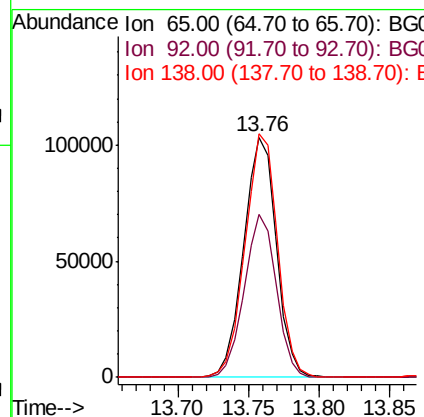
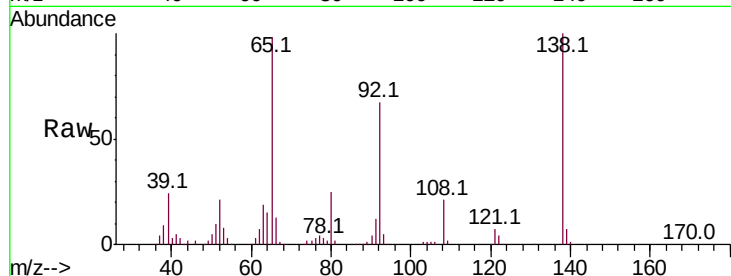
#47
2-Nitroaniline
Concen: 48.575 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	49.9	74.9
138	101.6	76.2	114.4

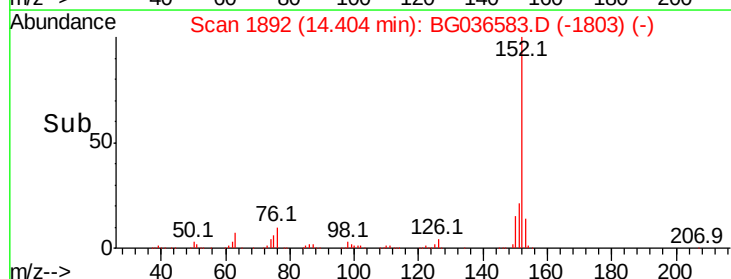
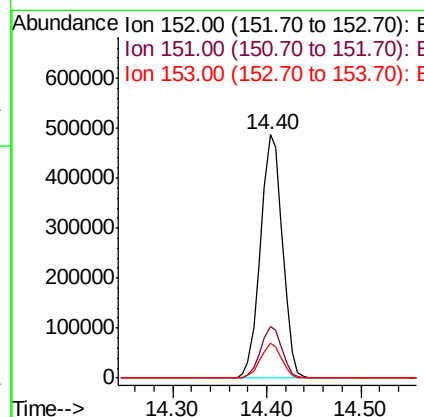
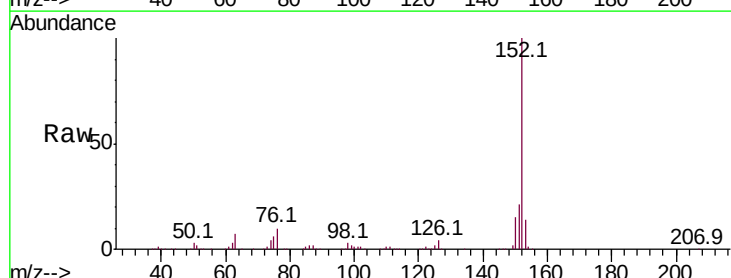
Manual Integrations
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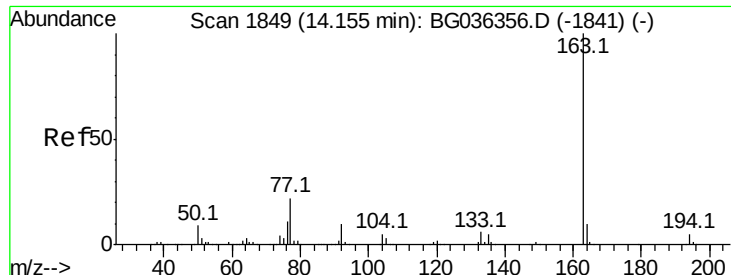
Sohil
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#48
Acenaphthylene
Concen: 45.969 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	14.2	11.2	16.8





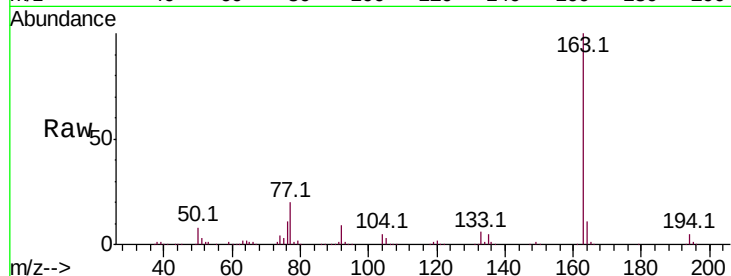
#49
Dimethylphthalate
Concen: 45.237 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	640928		
194	4.8		4.0	6.0
164	10.9		8.1	12.1

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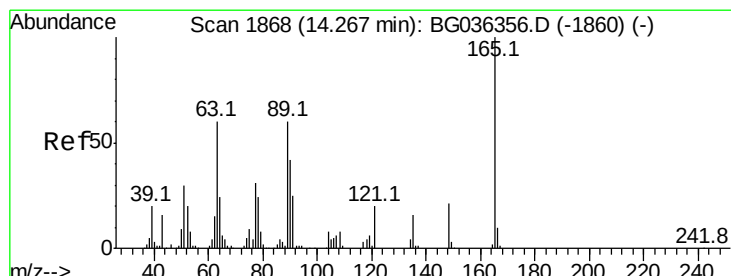
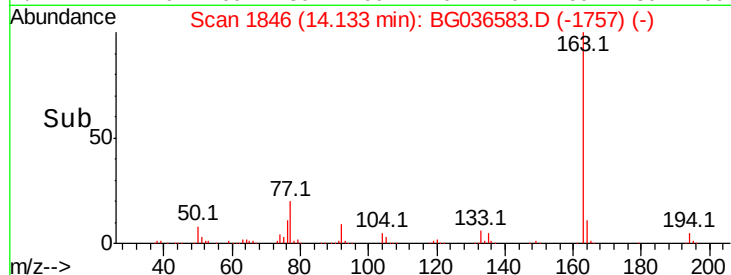
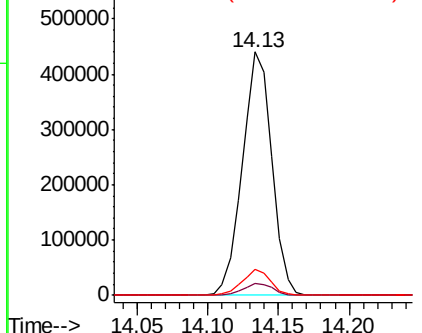


Abundance

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: 49.011 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

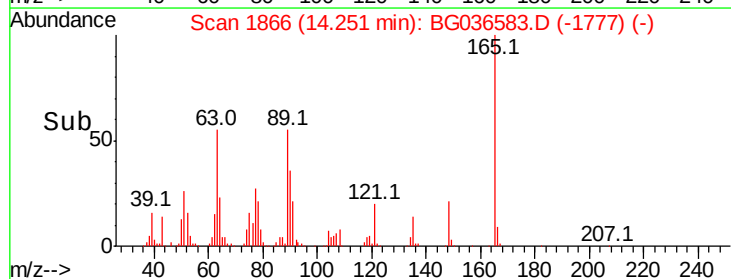
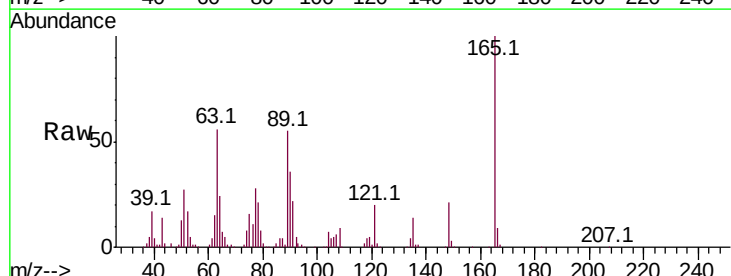
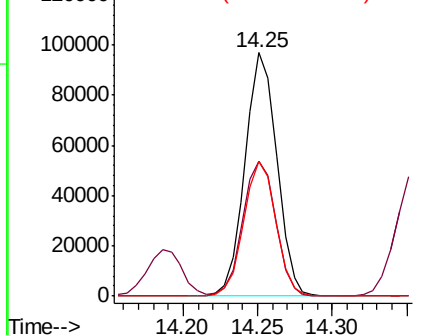
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142888		
63	55.6		50.1	75.1
89	55.1		47.8	71.6

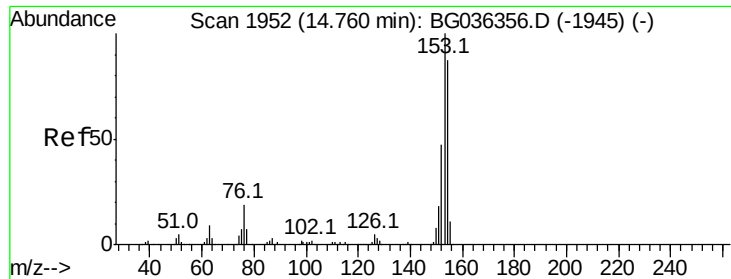
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





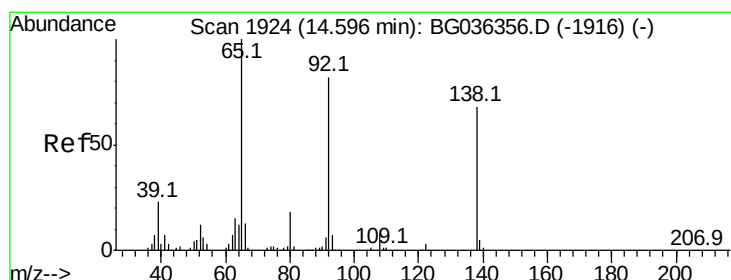
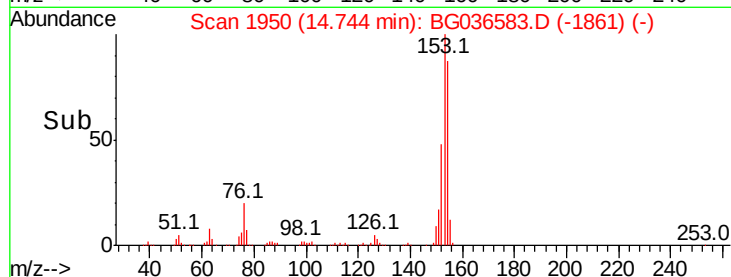
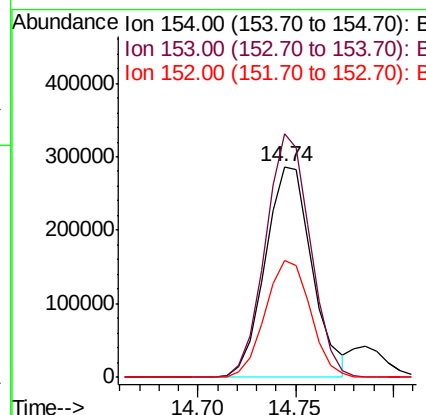
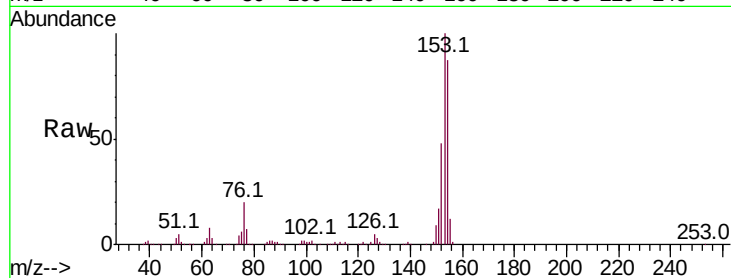
#51
Acenaphthene
Concen: 43.099 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.8	137.6
152	55.3	43.5	65.3

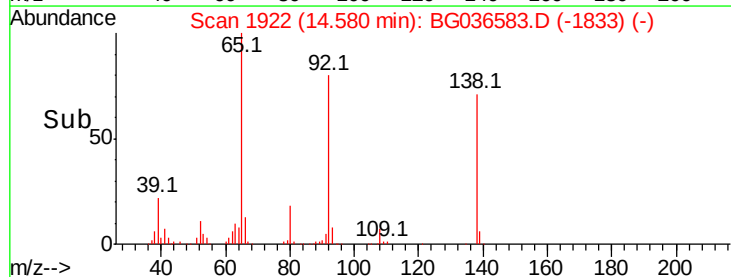
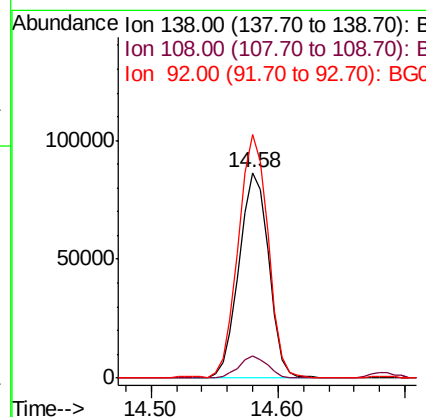
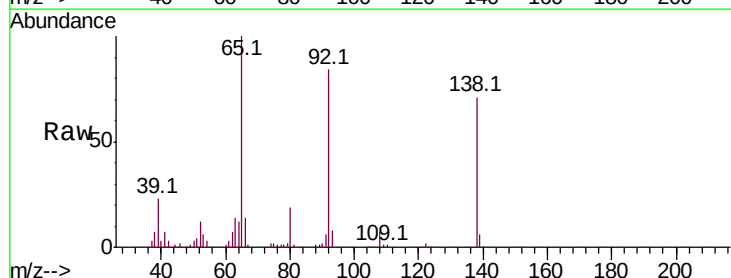
Manual Integrations
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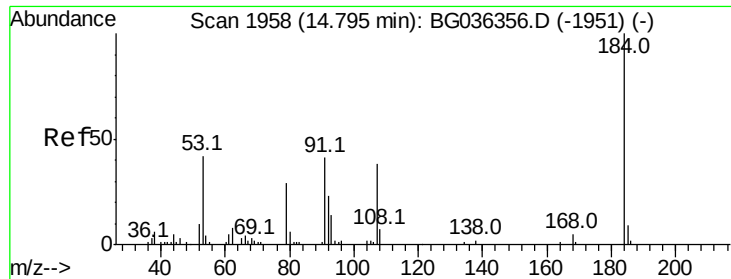
Sohil
9/7/2018 11:44:51 AM



#52
3-Nitroaniline
Concen: 44.668 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.2
92	118.4	96.8	145.2





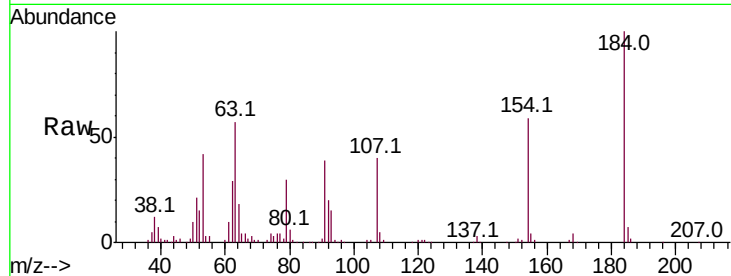
#53
2,4-Dinitrophenol
Concen: 104.689 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.3	70.9
154	58.6	51.1	76.7

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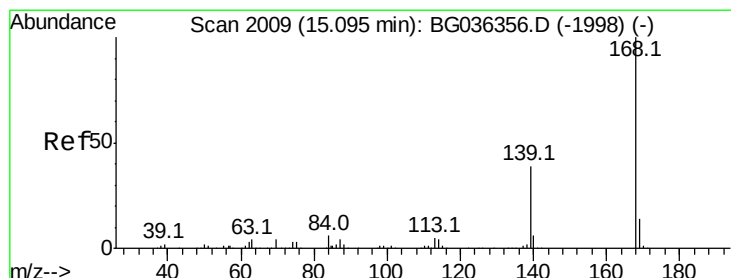
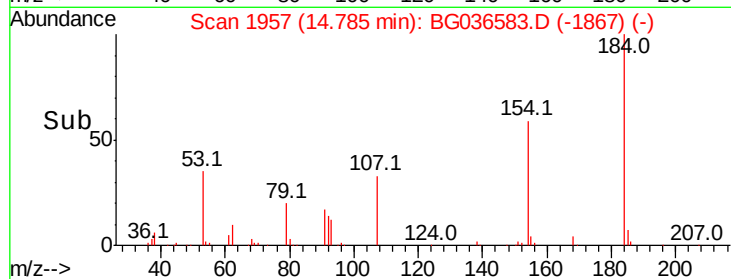
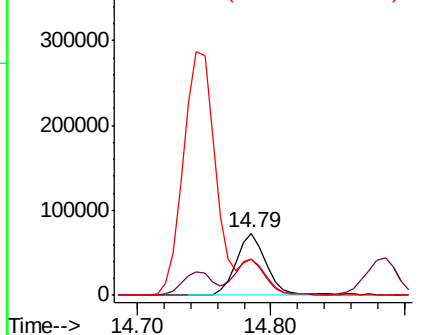


Abundance

Ion 184.00 (183.70 to 184.70): E

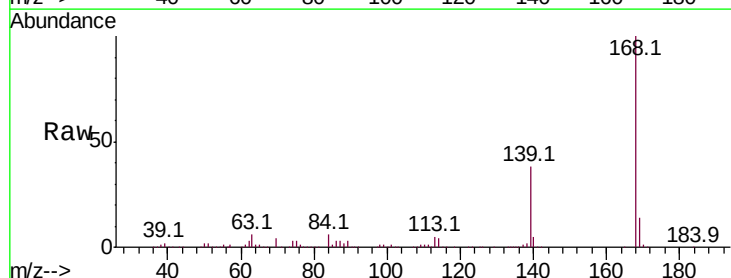
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 44.036 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	31.0	46.6
169	14.3	11.1	16.7

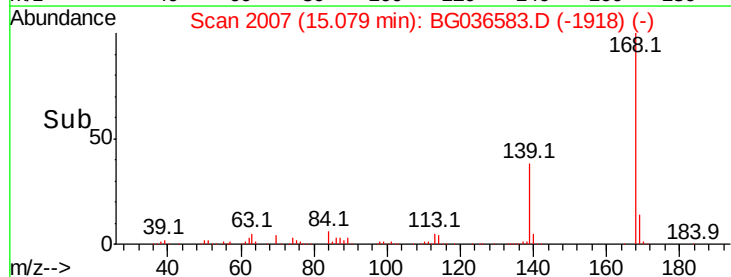
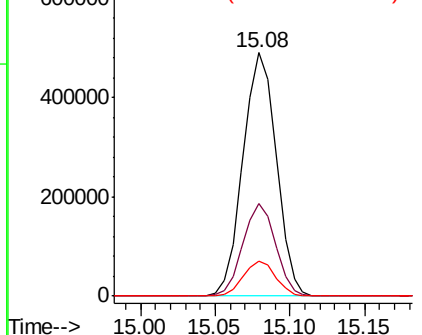


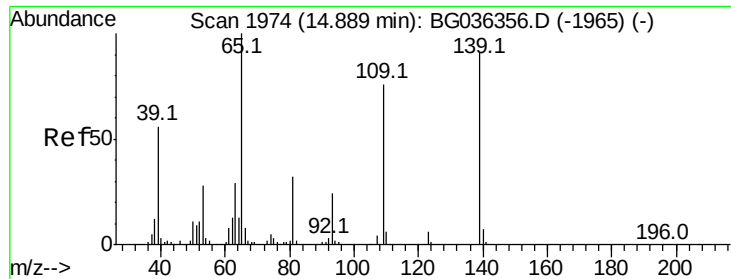
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





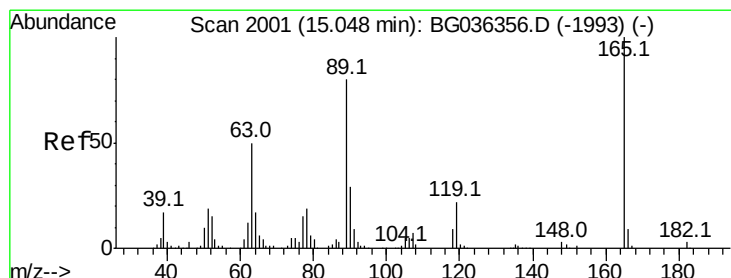
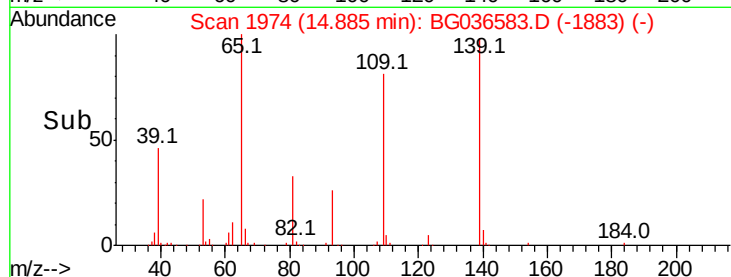
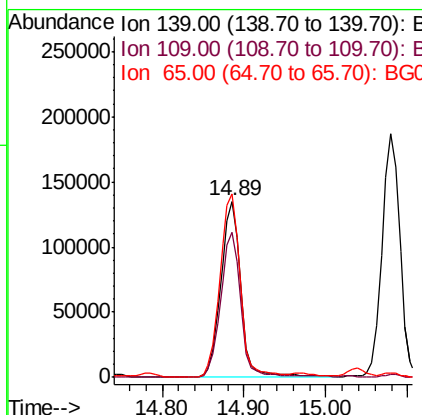
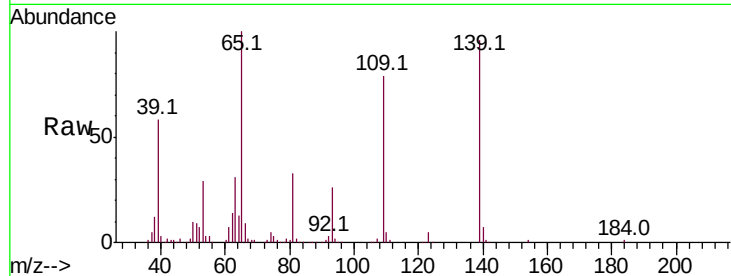
#55
4-Nitrophenol
Concen: 90.040 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.4	63.9	103.9	
65	104.0	90.0	130.0	

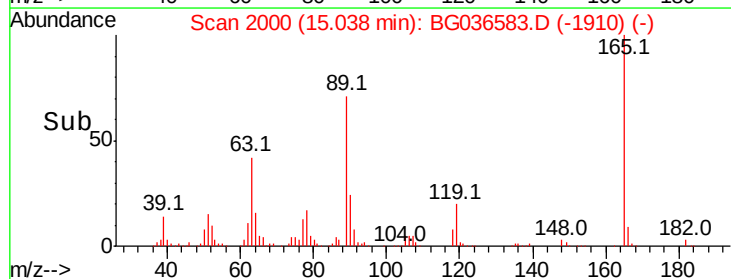
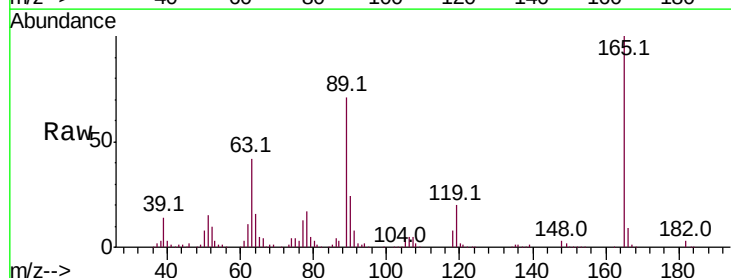
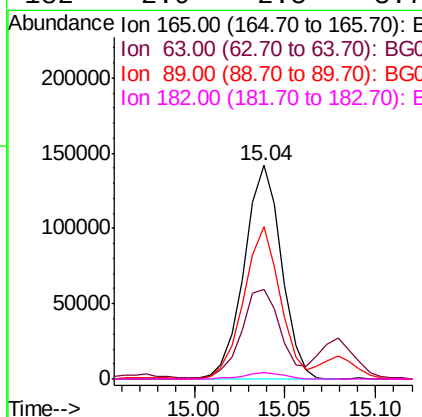
Manual Integrations
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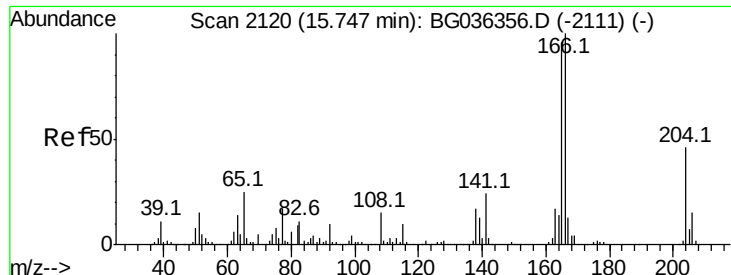
Sohil
9/7/2018 11:44:51 AM



#56
2,4-Dinitrotoluene
Concen: 53.330 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.9	40.1	60.1	
89	71.2	63.7	95.5	
182	2.9	2.5	3.7	





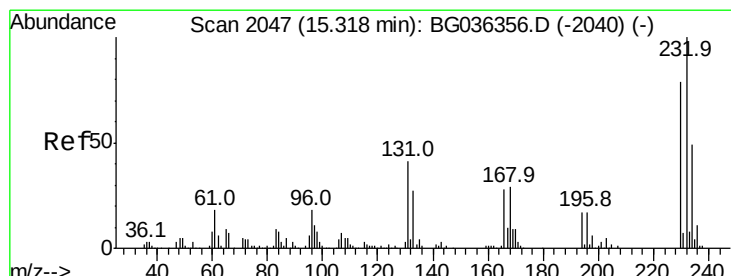
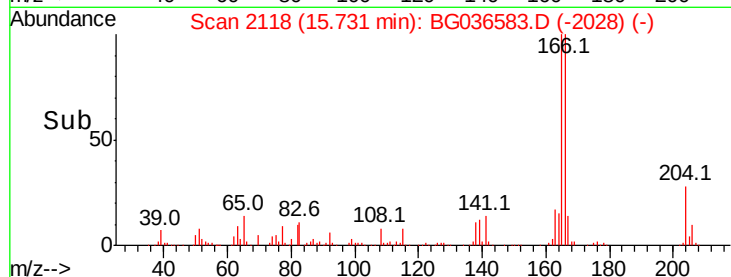
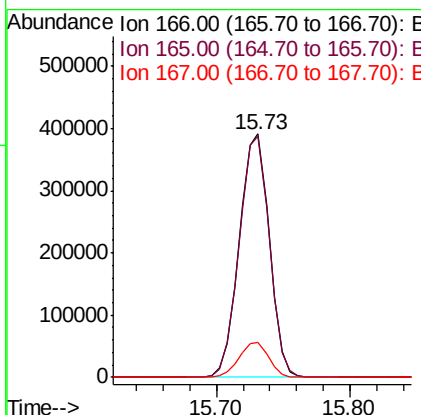
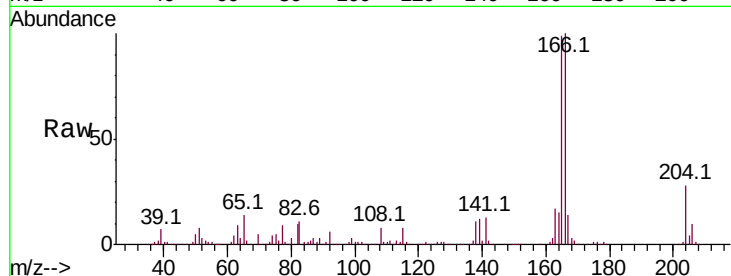
#57
 Fluorene
 Concen: 46.988 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleID :
 PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	77.0	115.4	
167	14.2	10.6	16.0	

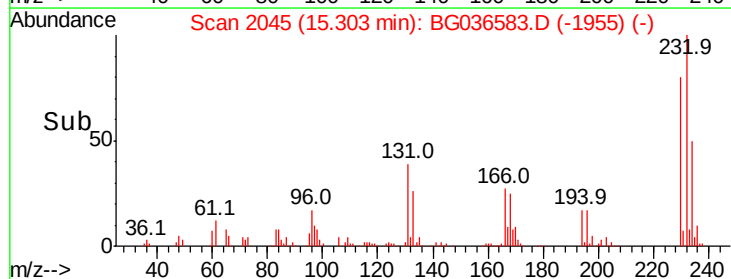
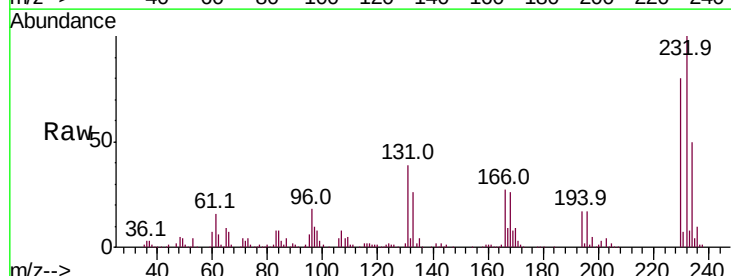
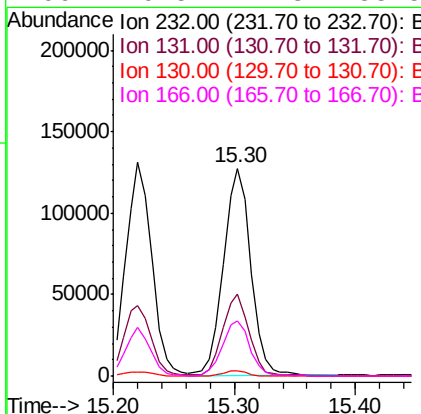
Manual Integrations
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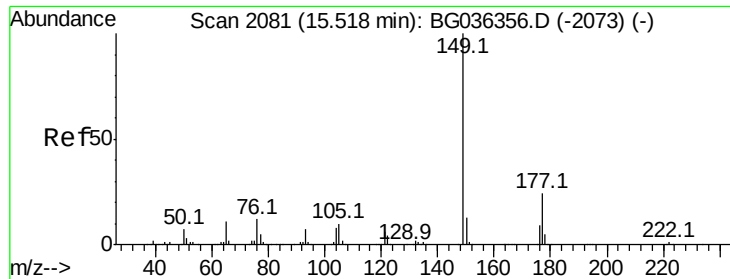
Sohil
 9/7/2018 11:44:51 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.188 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.2	33.8	50.8	
130	2.3	2.1	3.1	
166	26.5	22.3	33.5	





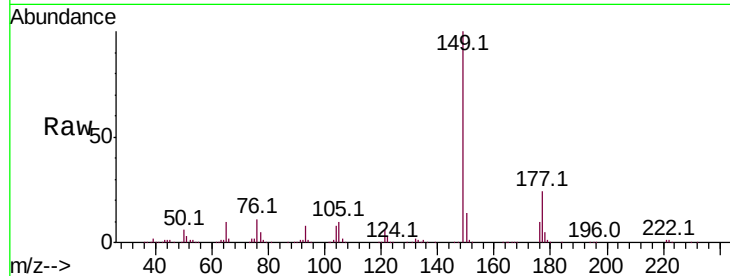
#59
Diethylphthalate
Concen: 44.296 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.4	19.1	28.7	
150	13.6	10.7	16.1	

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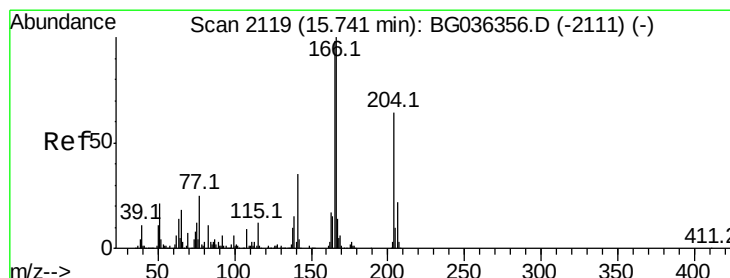
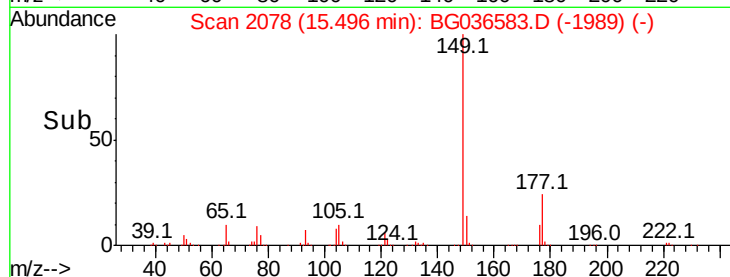
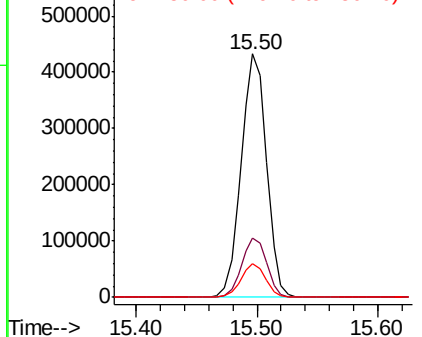


Abundance

Ion 149.00 (148.70 to 149.70): E

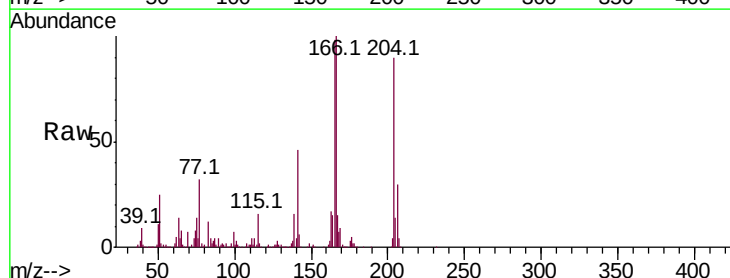
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 44.004 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	27.0	40.4	
141	51.4	43.8	65.6	

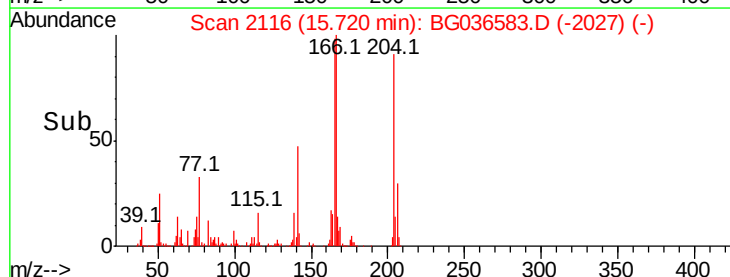
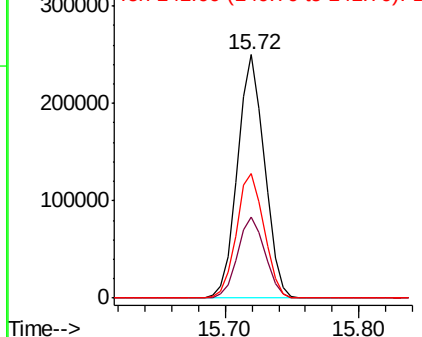


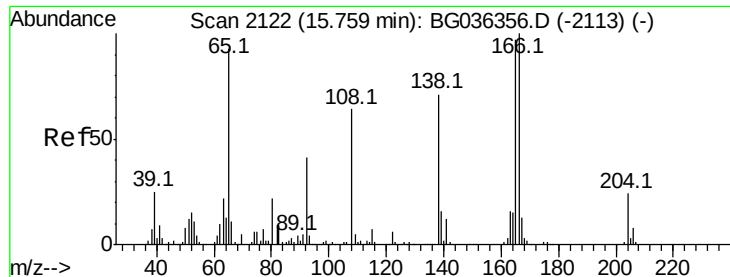
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.351 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

ClientSampleId :

PB112641BSD

Tot Ion:138 Resp: 158960

Ion Ratio Lower Upper

138 100

92 50.5 38.5 78.5

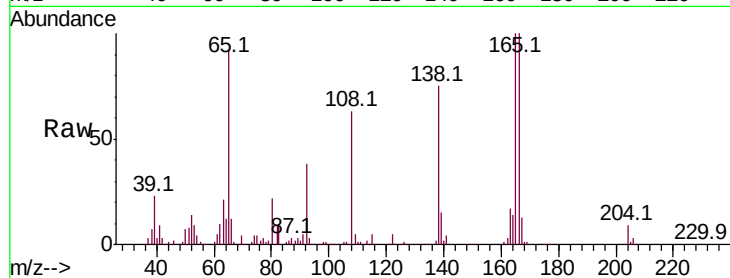
108 84.2 70.3 110.3

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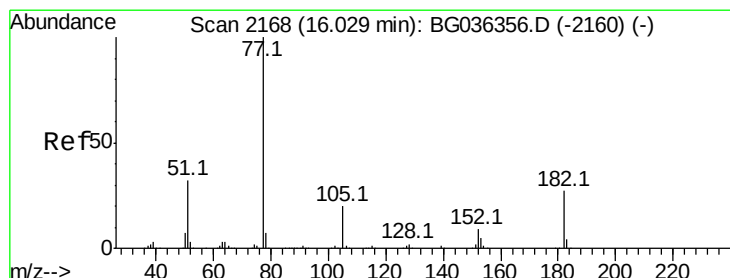
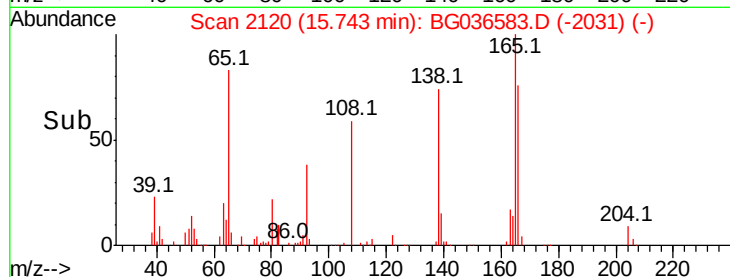
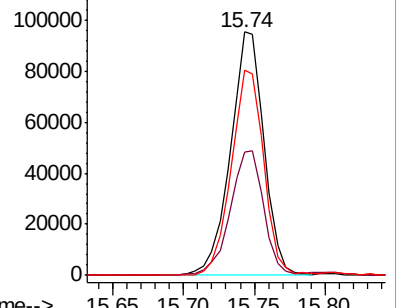
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.334 ng

RT: 16.01 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion: 77 Resp: 615025

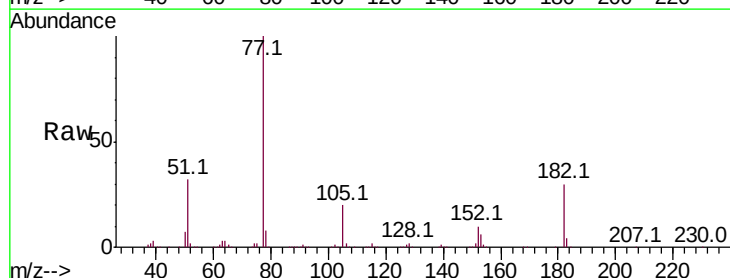
Ion Ratio Lower Upper

77 100

182 29.6 6.7 46.7

105 20.4 0.0 39.8

51 32.0 12.4 52.4

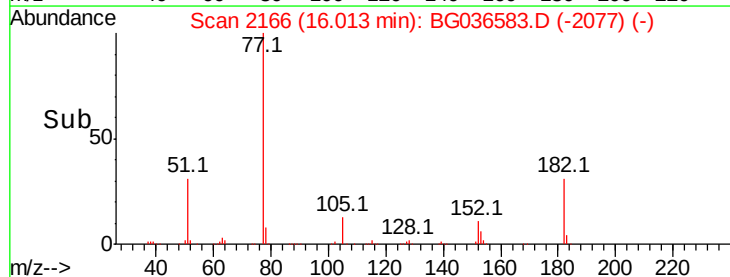
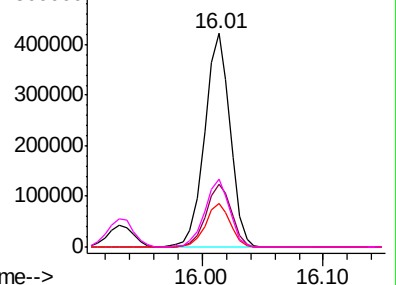


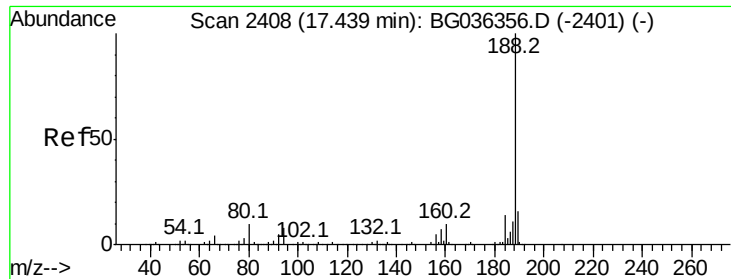
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

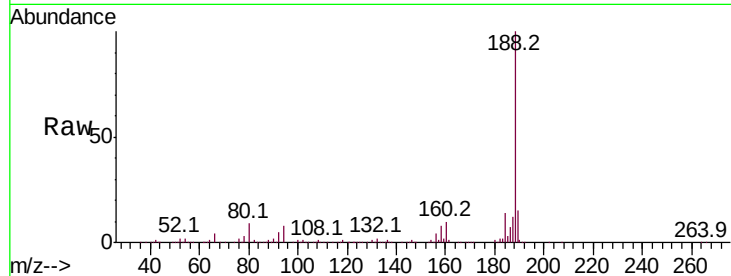
ClientSampleId :

PB112641BSD

Tot Ion:188	Resp:	442739
Ion Ratio	Lower	Upper
188 100		
94 7.9	6.7	10.1
80 9.0	8.1	12.1

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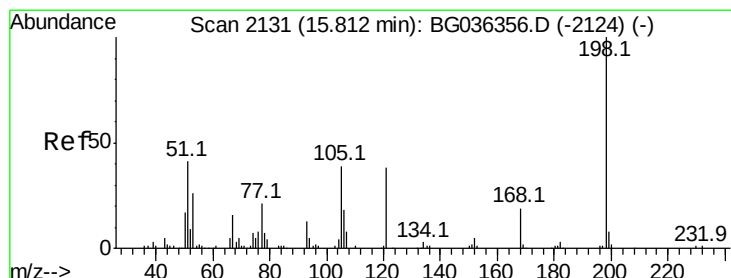
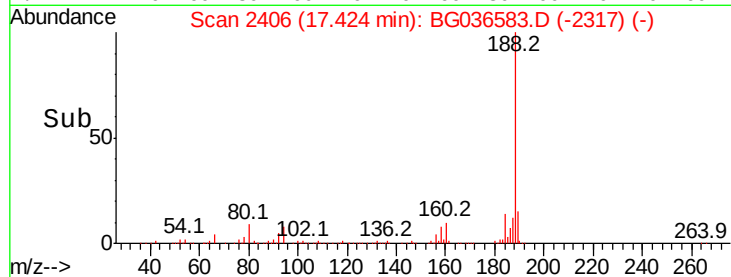
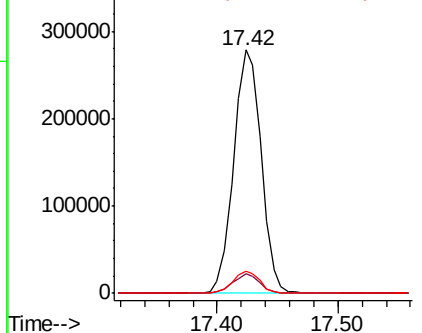
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 52.556 ng

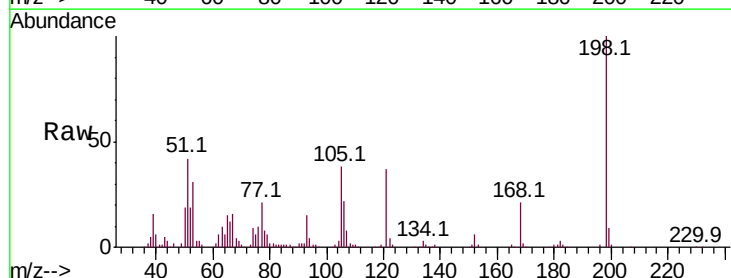
RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

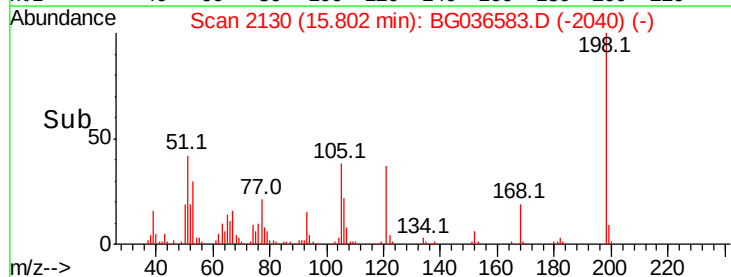
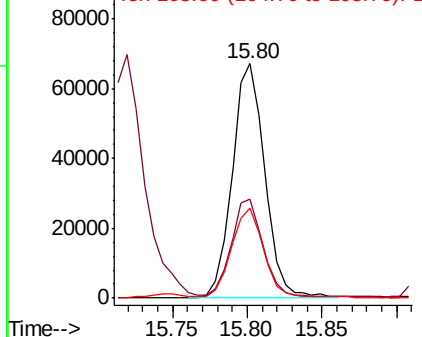
Tgt Ion:198	Resp:	102215
Ion Ratio	Lower	Upper
198 100		
51 42.3	26.5	66.5
105 38.5	20.2	60.2

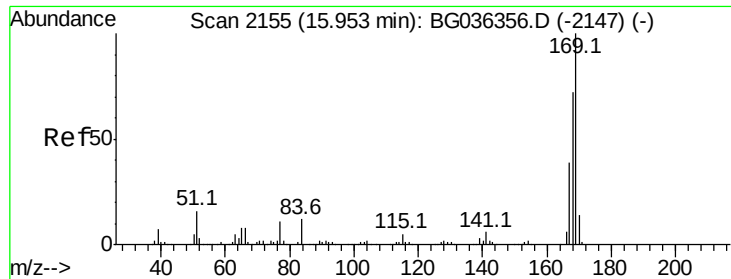


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.917 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

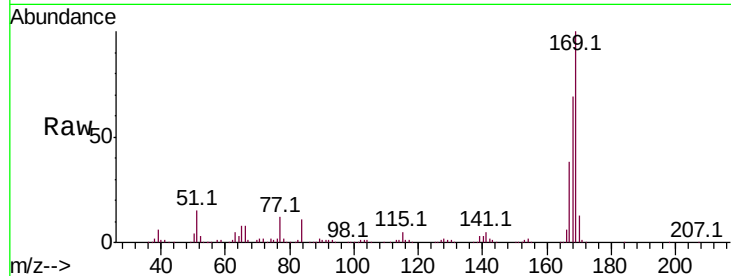
ClientSampleId :

PB112641BSD

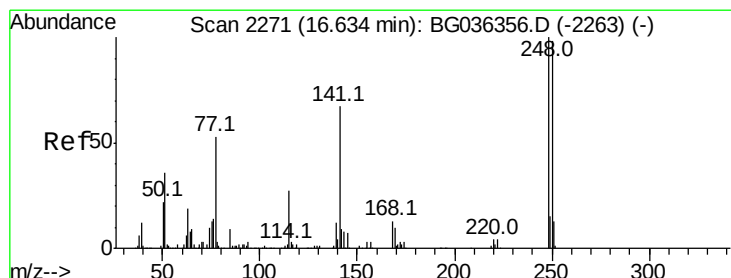
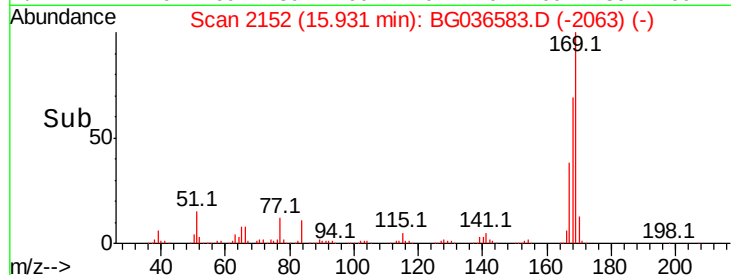
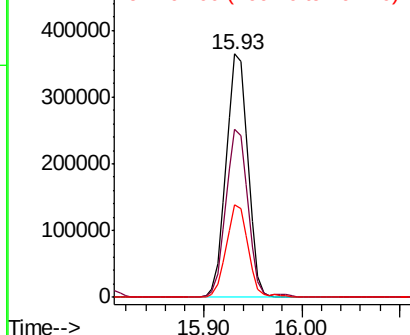
Tot Ion:	169	Resp:	564580
Ion Ratio	Lower	Upper	
169	100		
168	68.9	57.6	86.4
167	37.8	31.0	46.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.239 ng

RT: 16.61 min Scan# 2268

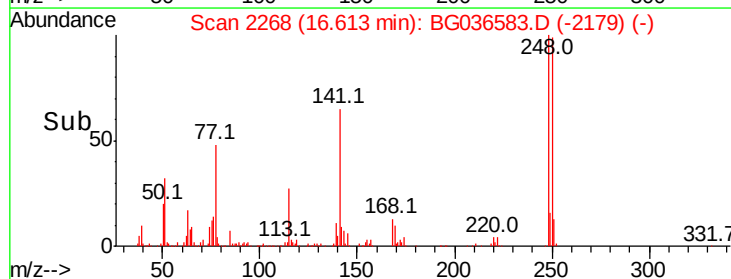
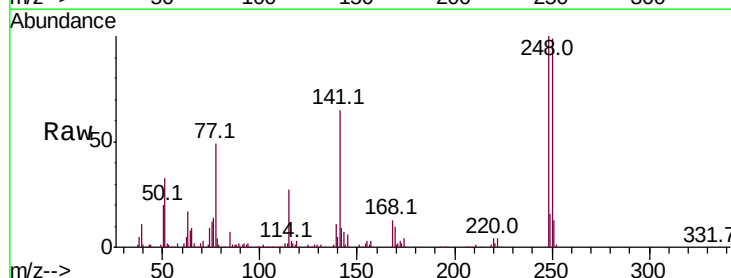
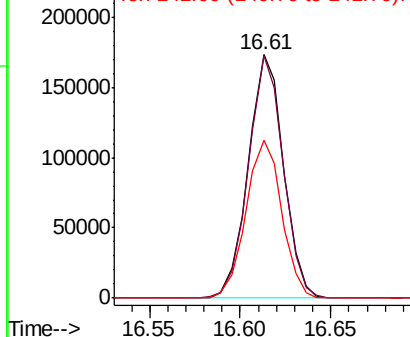
Delta R.T. -0.01 min

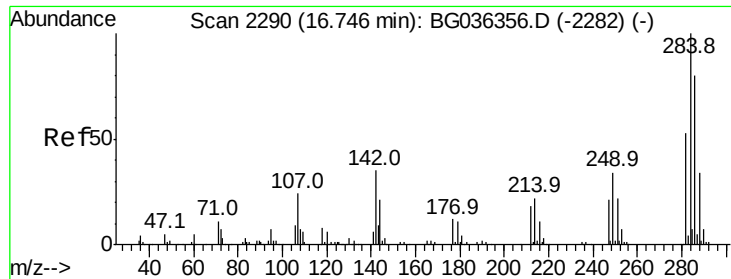
Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	248	Resp:	234498
Ion Ratio	Lower	Upper	
248	100		
250	99.4	78.1	117.1
141	65.1	53.7	80.5

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





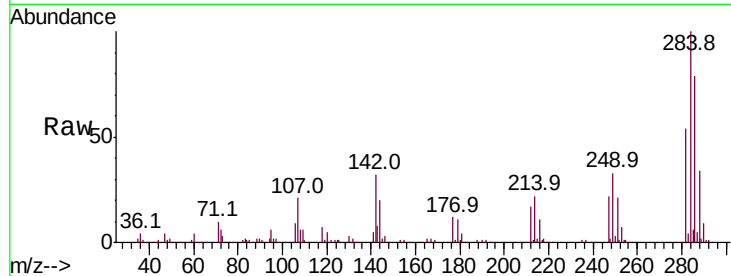
#67
Hexachlorobenzene
Concen: 44.623 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.1	27.8	41.6	
249	32.9	27.4	41.2	

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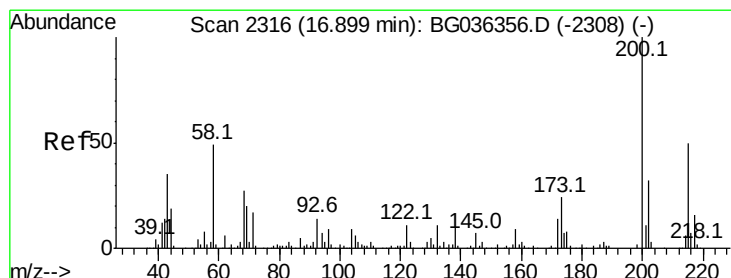
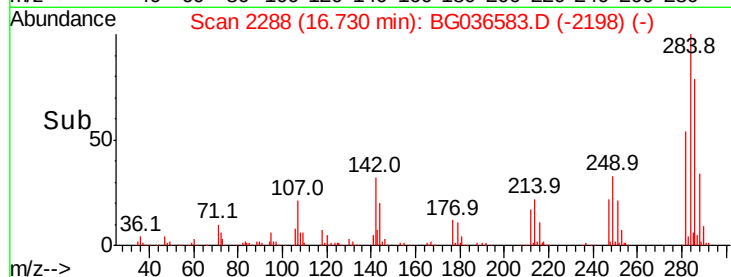
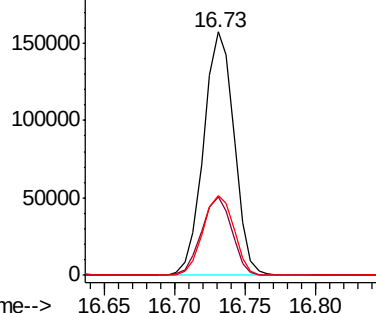


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 49.852 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

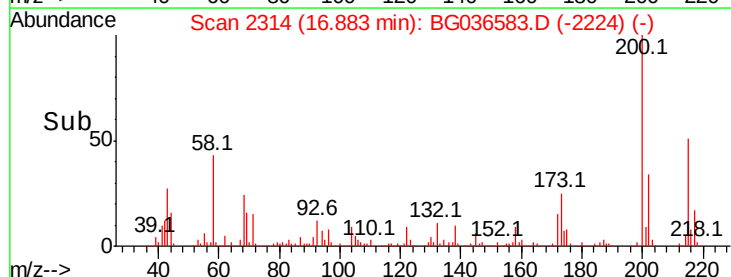
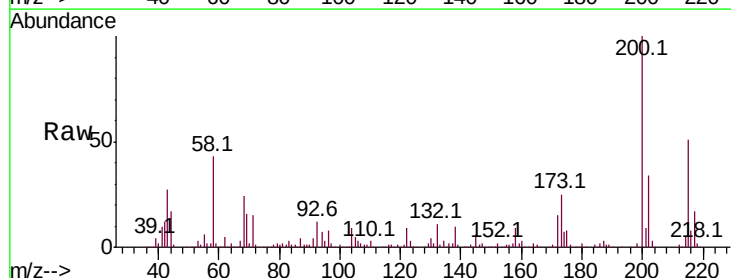
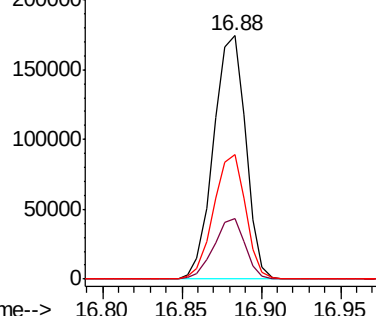
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.7	3.9	43.9	
215	51.1	30.4	70.4	

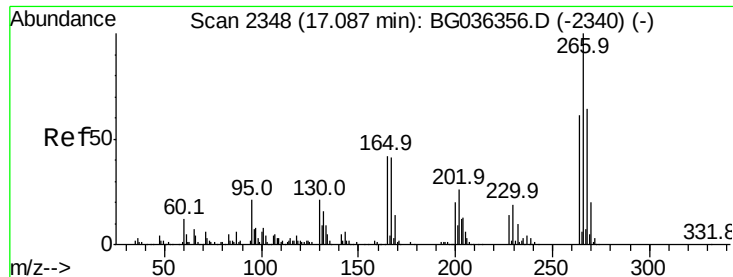
Abundance

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





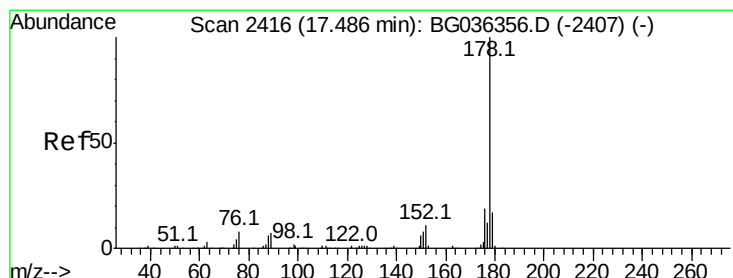
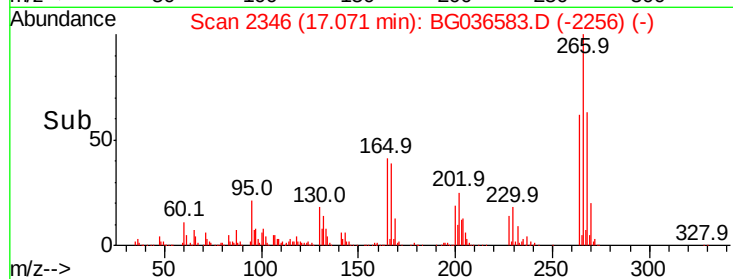
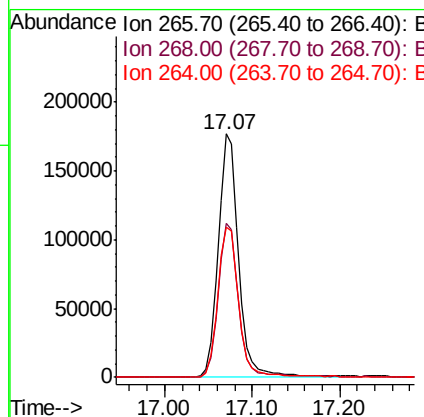
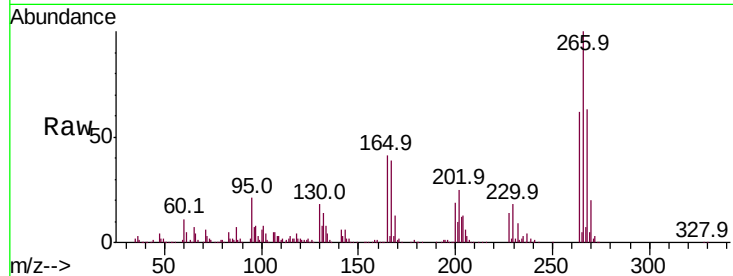
#69
 Pentachlorophenol
 Concen: 79.318 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion:	266	Resp:	285731
Ion Ratio	Lower	Upper	
266	100		
268	63.2	51.4	77.2
264	61.9	48.9	73.3

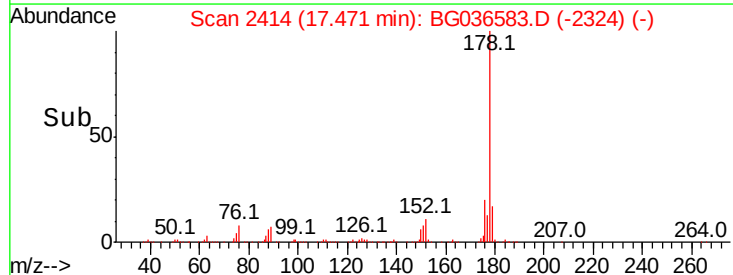
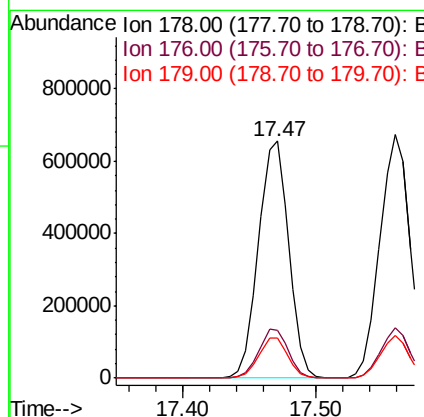
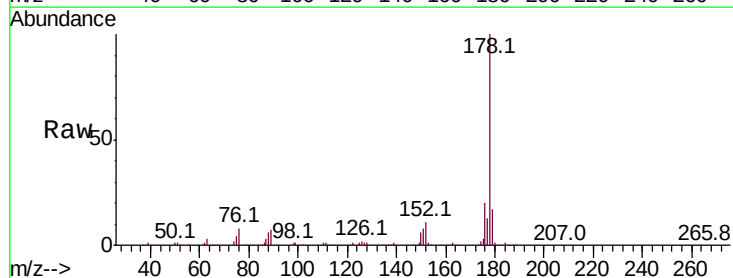
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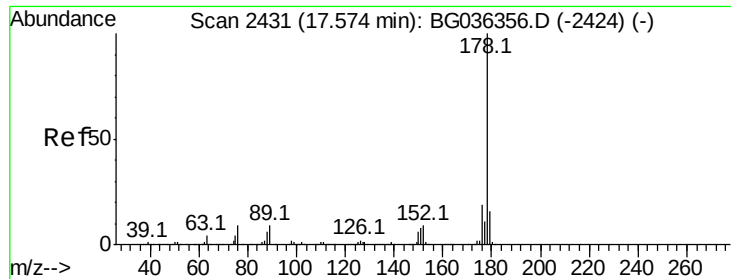
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#70
 Phenanthrene
 Concen: 45.541 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion:	178	Resp:	1024524
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.4	23.2
179	16.7	13.4	20.2





#71
 Anthracene
 Concen: 46.848 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

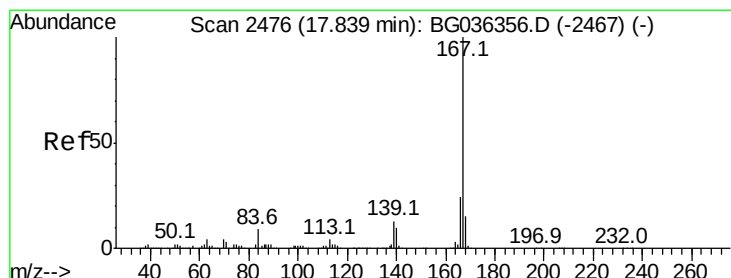
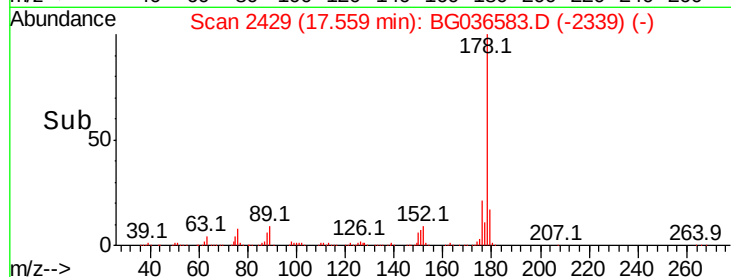
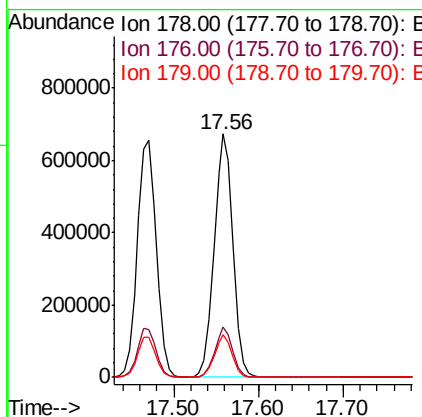
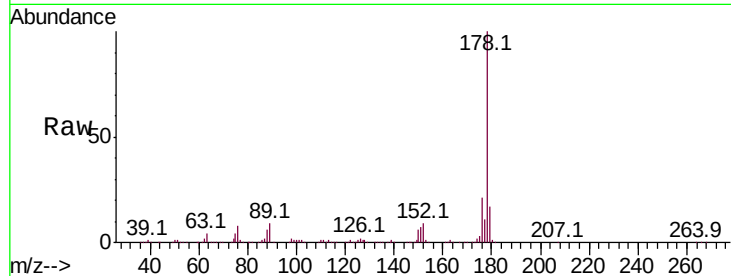
Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion:178 Resp: 1050579

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	17.4	13.0	19.4

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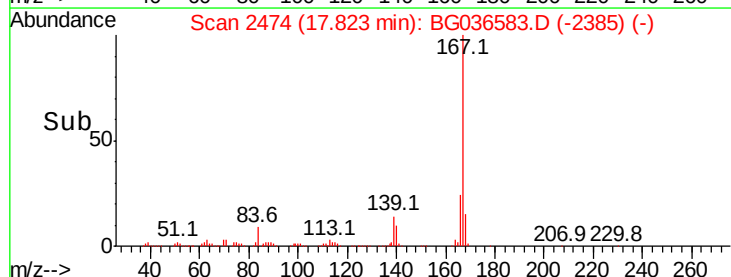
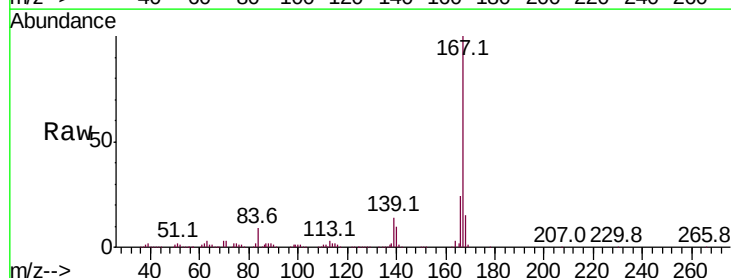
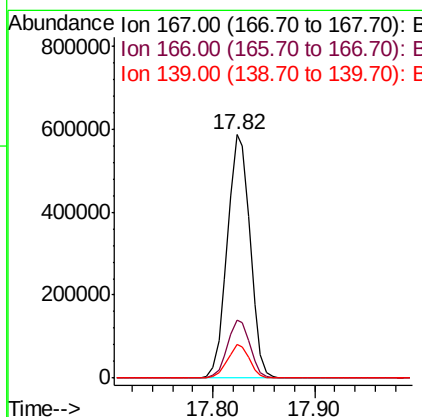
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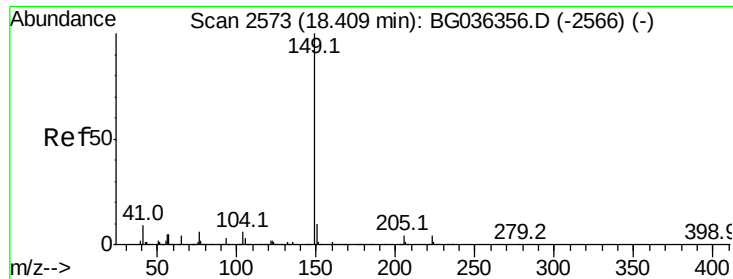


#72
 Carbazole
 Concen: 40.859 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion:167 Resp: 915078

Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.5	29.3
139	13.8	10.7	16.1





#73

Di-n-butylphthalate

Concen: 42.101 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

ClientSampleId :

PB112641BSD

Tot Ion:149 Resp: 1049983

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

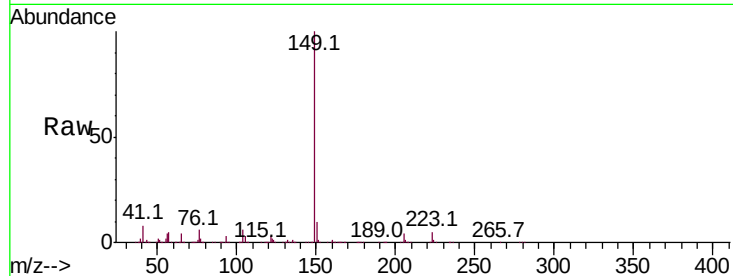
104 6.1 4.6 6.8

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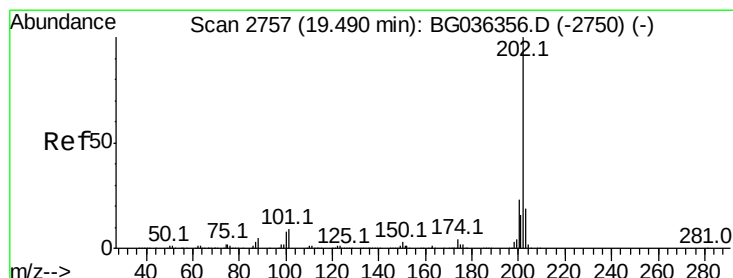
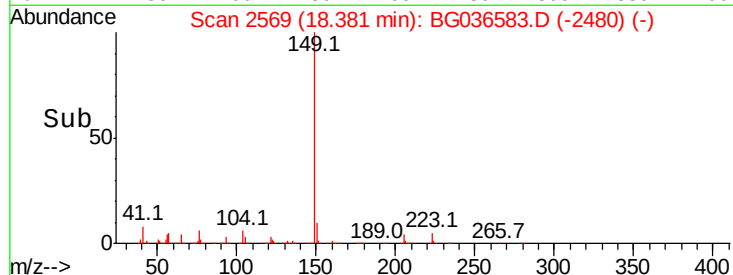
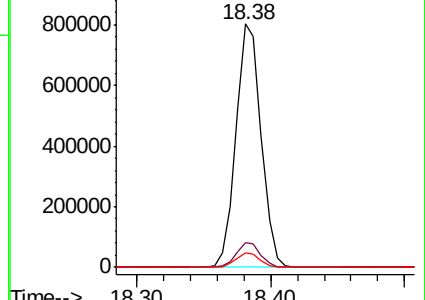
9/7/2018 11:44:51 AM



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: 45.781 ng

RT: 19.47 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

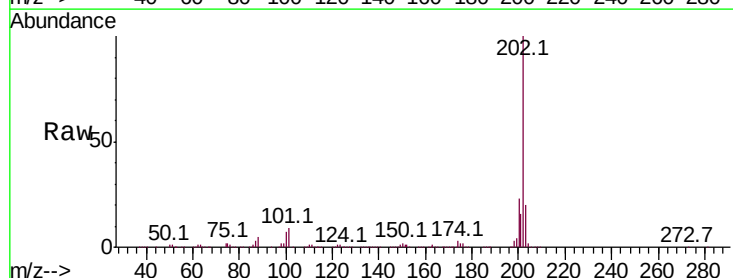
Tgt Ion:202 Resp: 1255693

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.4

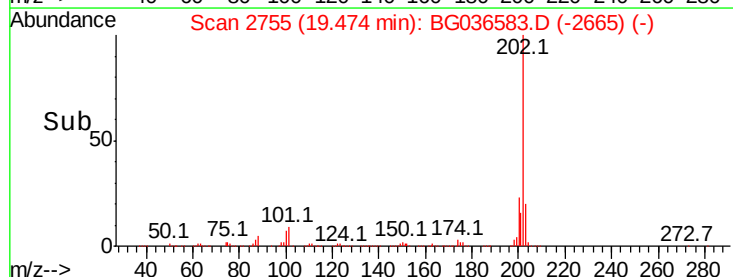
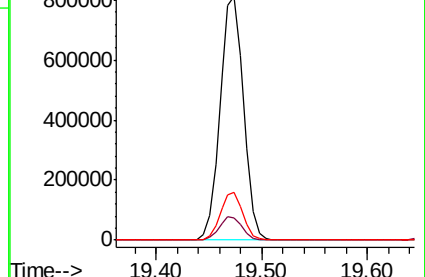
203 19.5 0.0 38.9

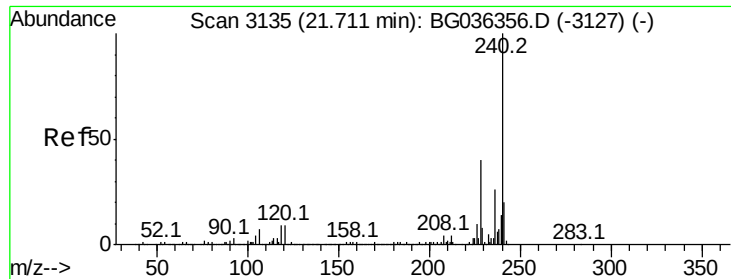


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

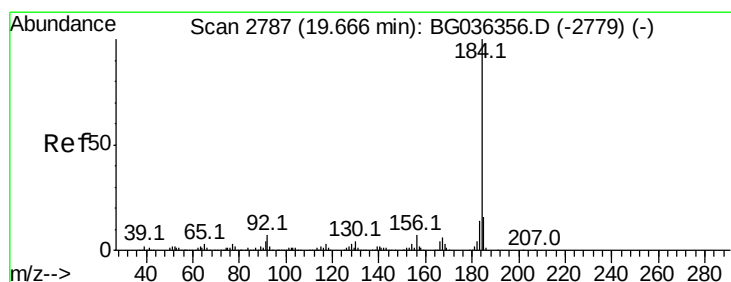
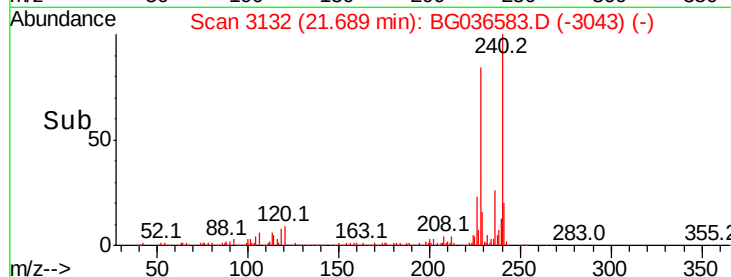
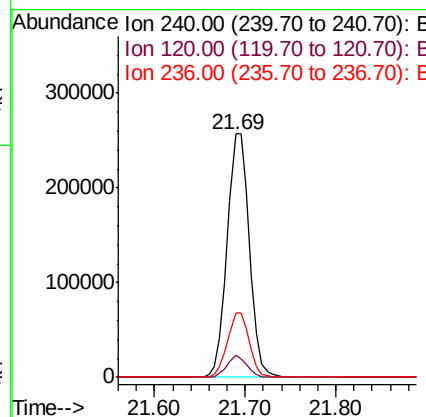
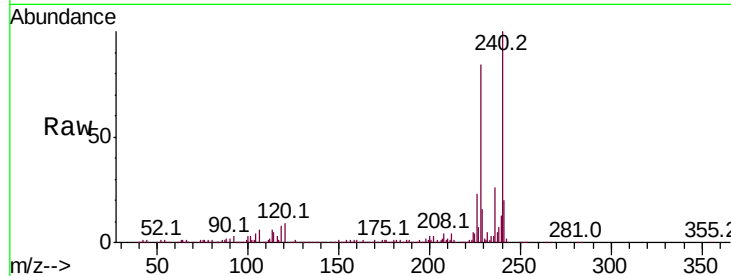
ClientSampleId :

PB112641BSD

Tot Ion:	240	Resp:	435152
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.9	10.3
236	26.2	21.2	31.8

Manual Integrations
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Sohil
9/7/2018 11:44:51 AM



#76

Benzidine

Concen: 69.141 ng

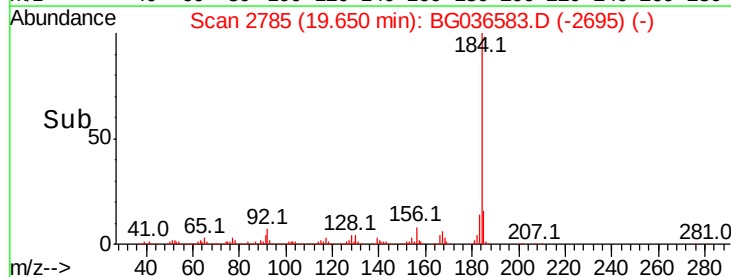
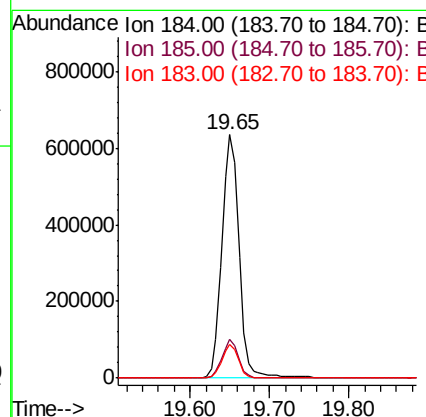
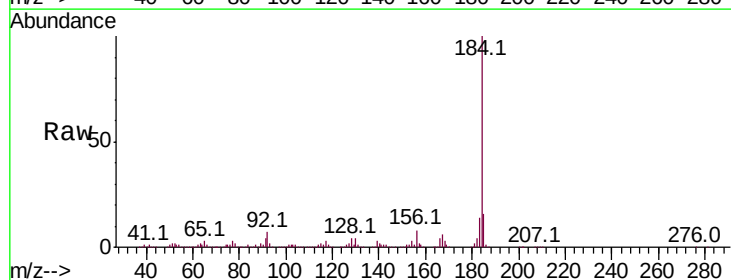
RT: 19.65 min Scan# 2785

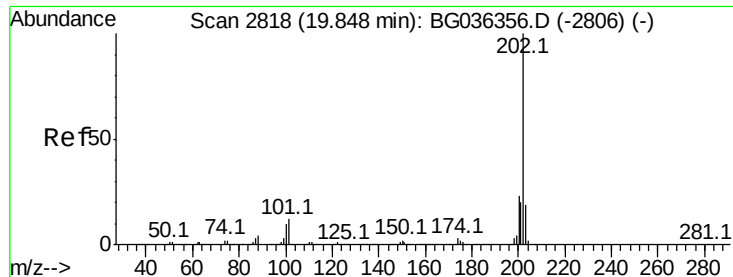
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	184	Resp:	959906
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.6	18.8
183	14.0	10.9	16.3





#77

Pvrene

Concen: 45.373 ng

RT: 19.83 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

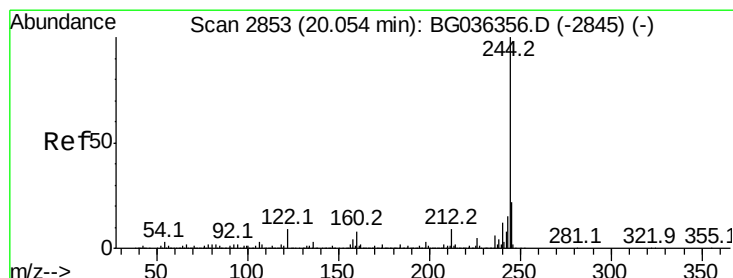
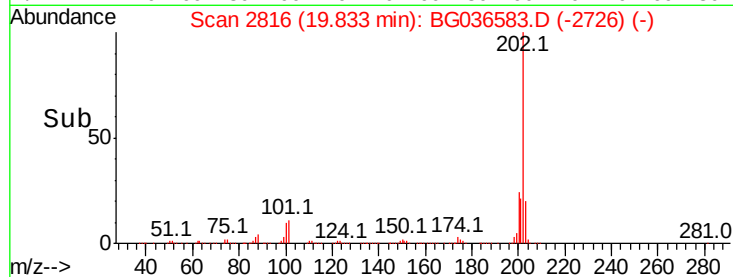
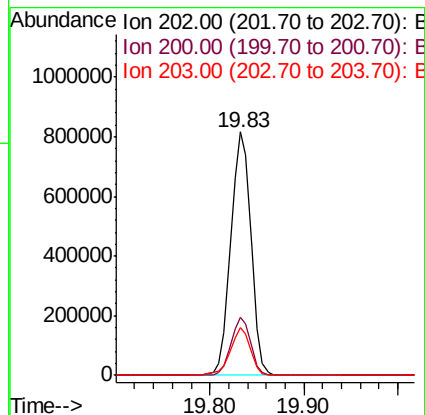
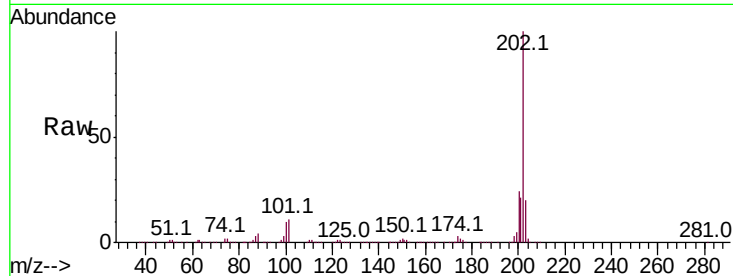
ClientSampleId :

PB112641BSD

Tot Ion:202	Resp: 1214137
Ion Ratio	Lower Upper
202 100	
200 24.0	18.3 27.5
203 19.5	15.1 22.7

Manual Integrations
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Sohil
9/7/2018 11:44:51 AM



#78

Terphenyl-d14

Concen: 89.921 ng

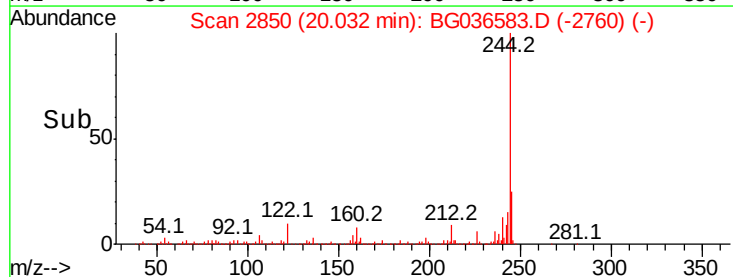
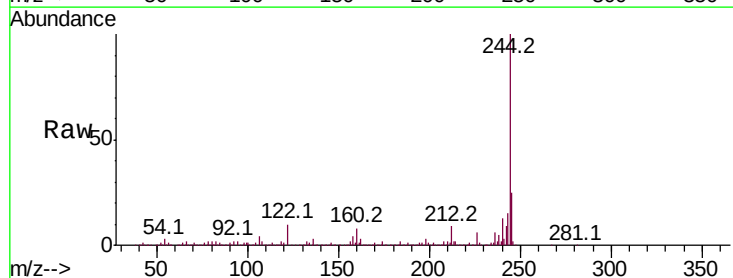
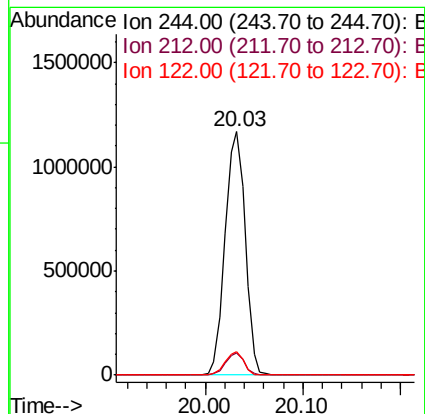
RT: 20.03 min Scan# 2850

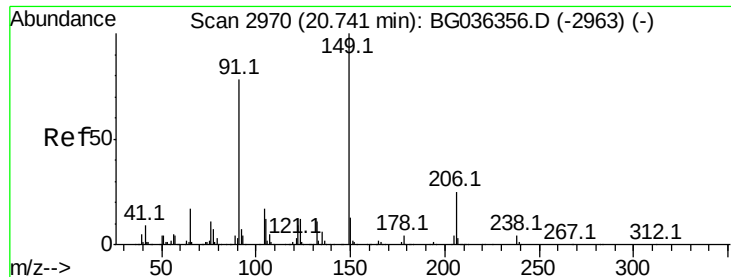
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:244	Resp: 1674085
Ion Ratio	Lower Upper
244 100	
212 9.3	7.0 10.6
122 9.8	7.1 10.7





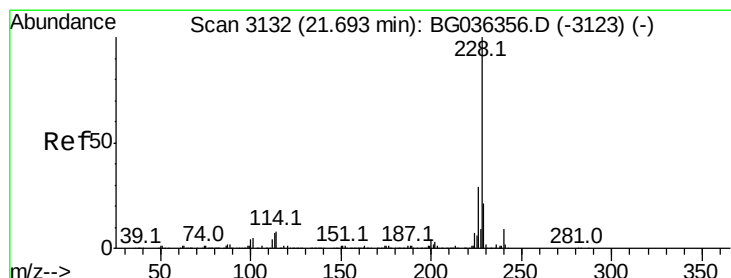
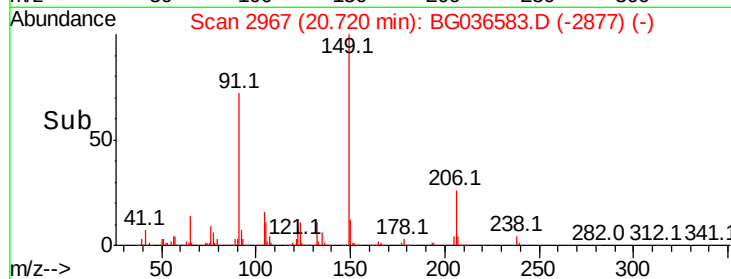
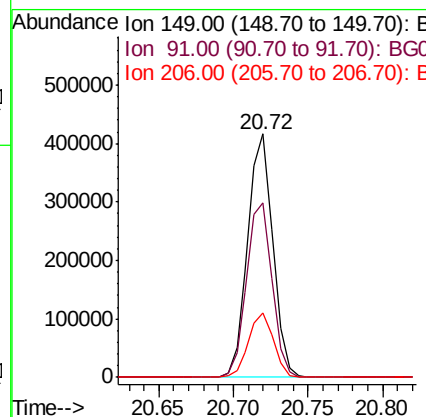
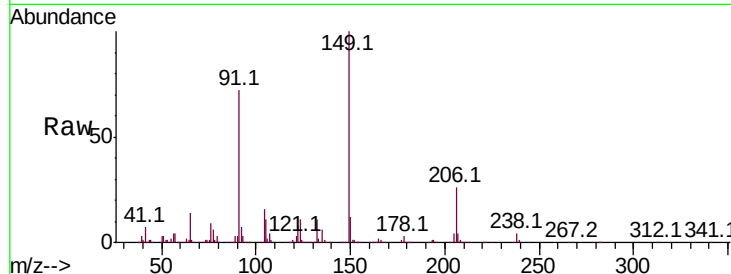
#79
Butylbenzylphthalate
Concen: 45.546 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleID :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	62.0	93.0
206	26.3	19.6	29.4

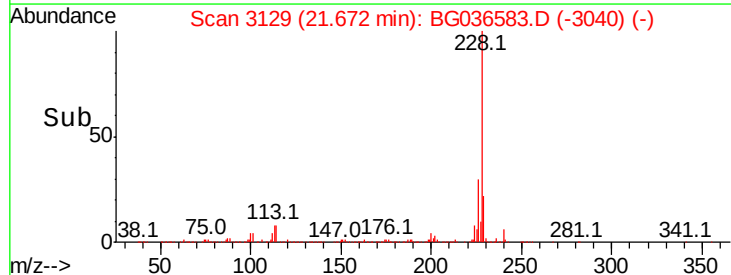
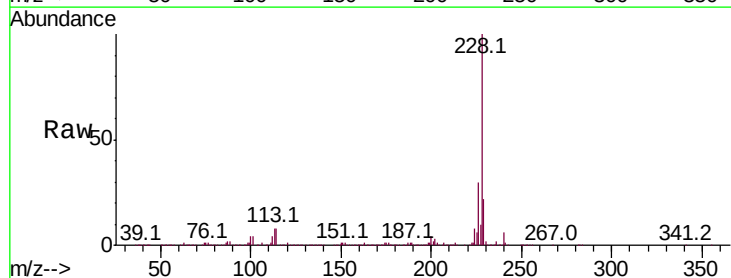
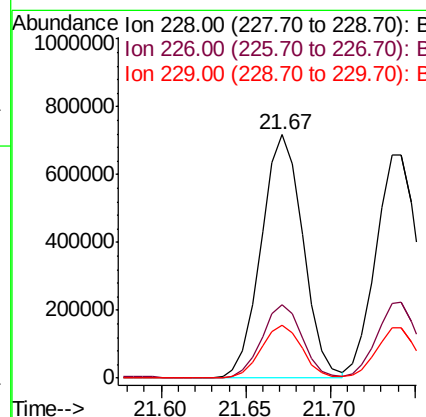
Manual Integrations
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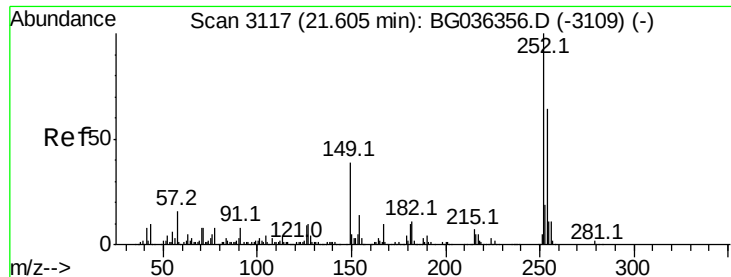
Sohil
9/7/2018 11:44:51 AM



#80
Benzo(a)anthracene
Concen: 46.864 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.0	17.1	25.7





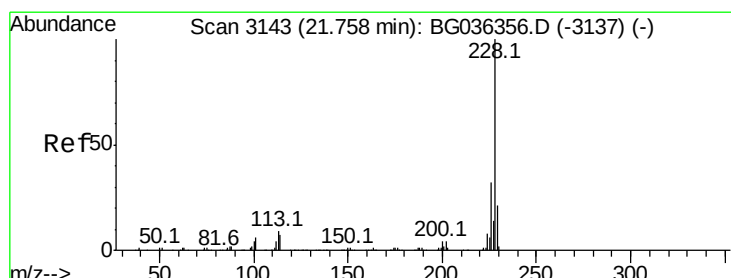
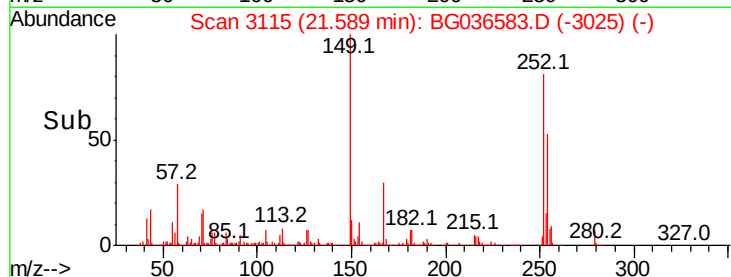
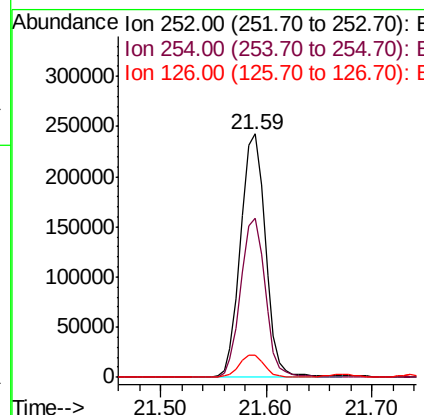
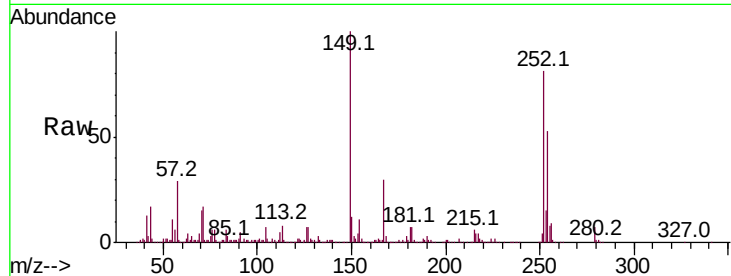
#81
 3,3'-Dichlorobenzidine
 Concen: 37.715 ng
 RT: 21.59 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	396253		
254	65.4	51.0	76.4	
126	9.2	7.4	11.0	

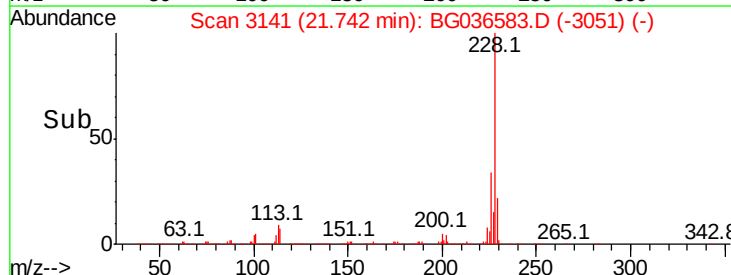
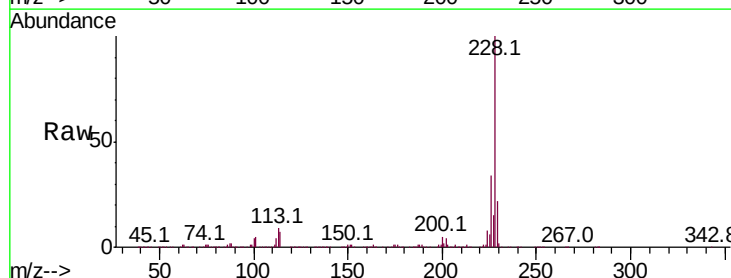
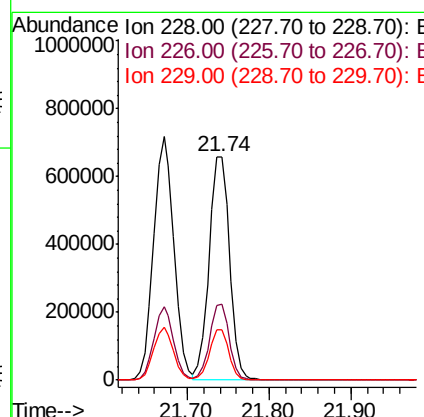
Manual Integrations
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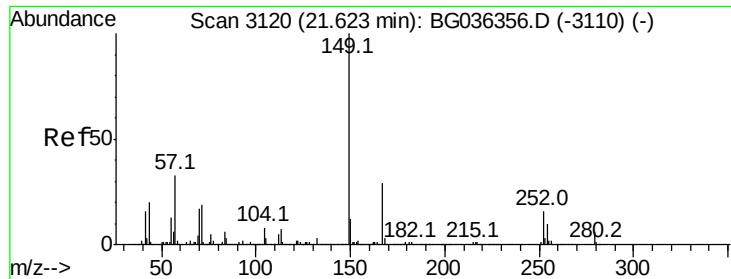
Sohil
 9/7/2018 11:44:51 AM



#82
 Chrysene
 Concen: 46.004 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1149531		
226	34.0	25.5	38.3	
229	22.2	16.9	25.3	





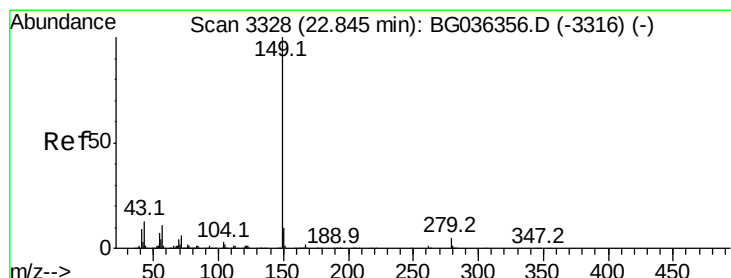
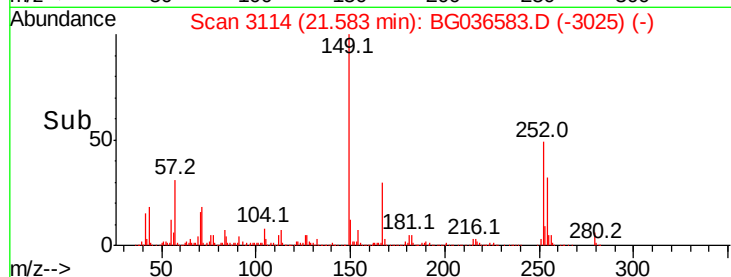
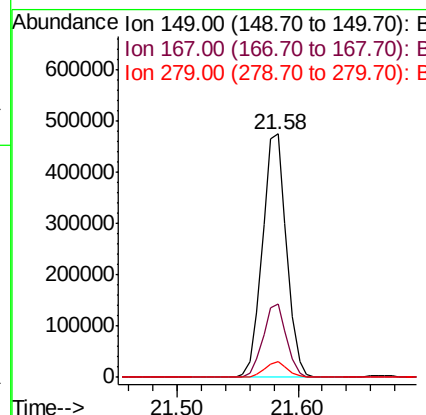
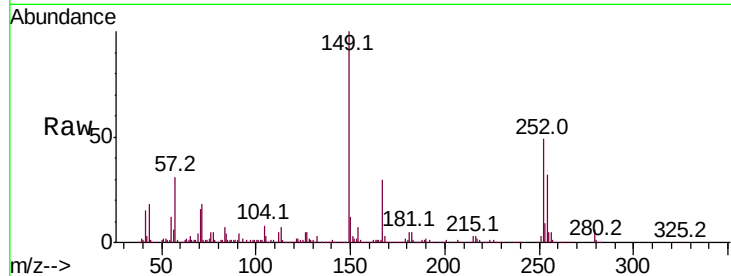
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.155 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 PB112641BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.9	23.4	35.0	
279	6.4	4.6	7.0	

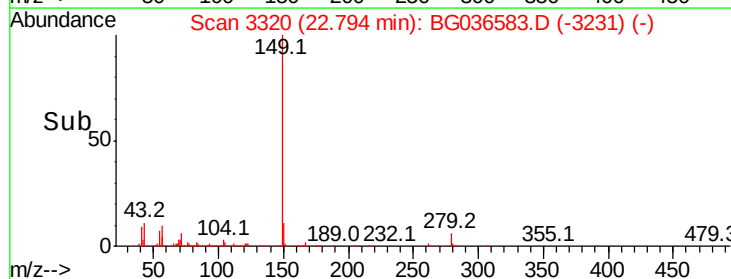
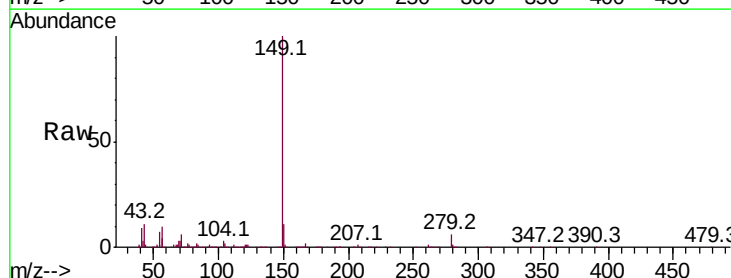
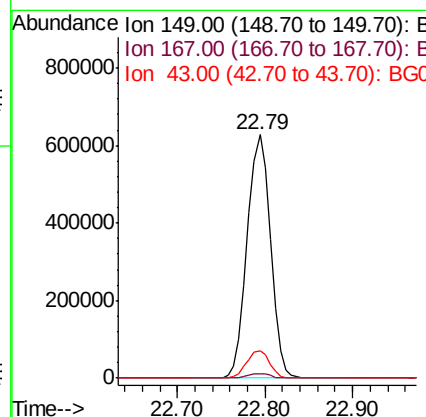
Manual Integrations
 APPROVED

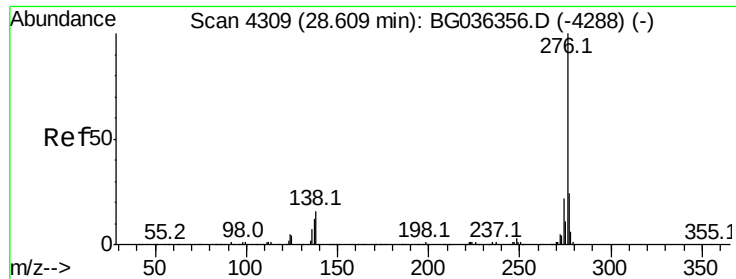
Sohil
 9/7/2018 11:44:51 AM



#84
 Di-n-octyl phthalate
 Concen: 45.157 ng
 RT: 22.79 min Scan# 3320
 Delta R.T. -0.01 min
 Lab File: BG036583.D
 Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.1	10.0	15.0	





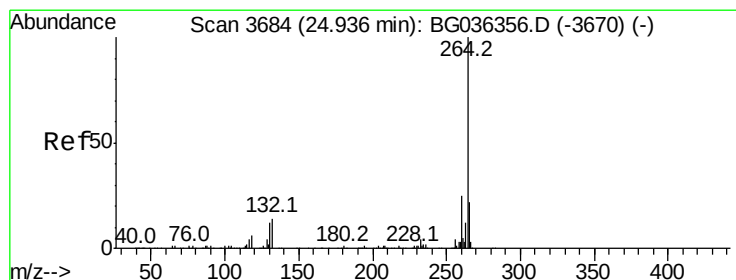
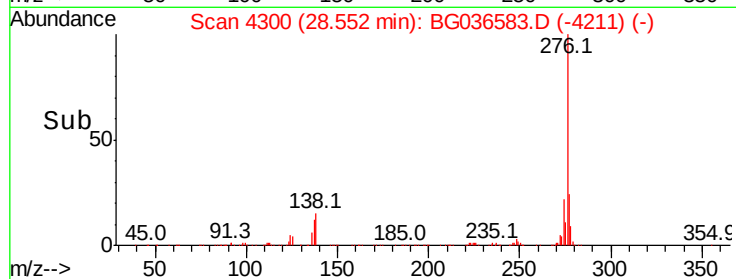
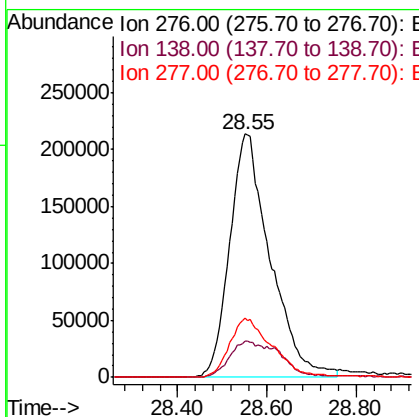
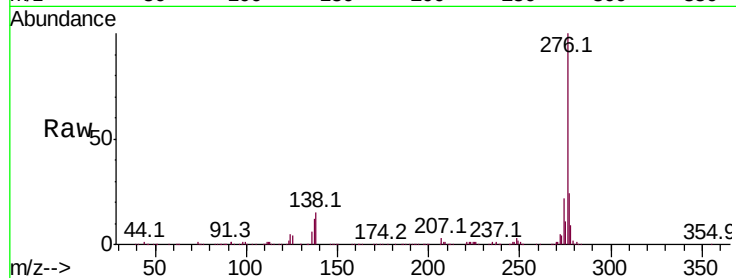
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.573 ng
RT: 28.55 min Scan# 4300
Delta R.T. -0.01 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Instrument :
BNA_G
ClientSampleId :
PB112641BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	10.6	15.8#
277	25.5	20.6	30.8

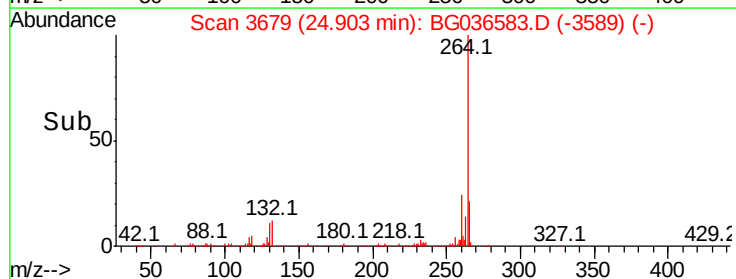
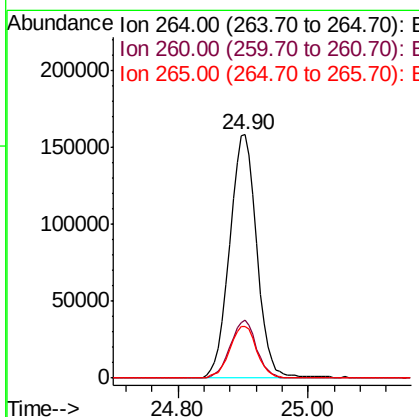
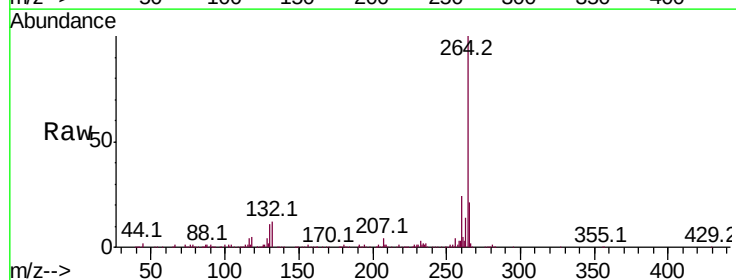
Manual Integrations
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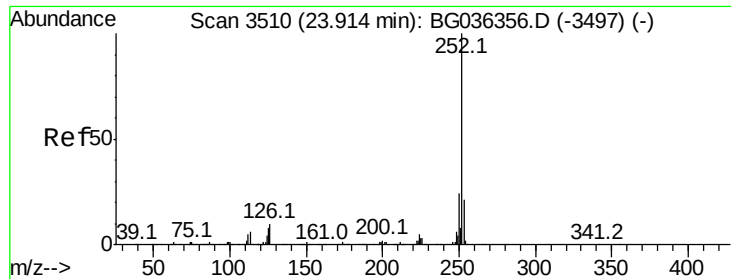
Sohil
9/7/2018 11:44:51 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG036583.D
Acq: 7 Sep 2018 00:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 49.448 ng

RT: 23.89 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

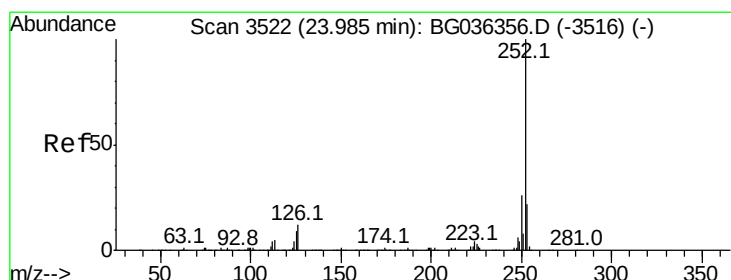
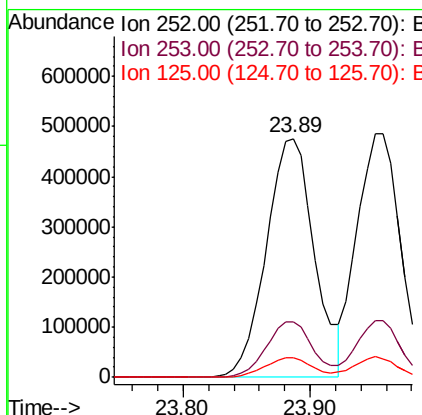
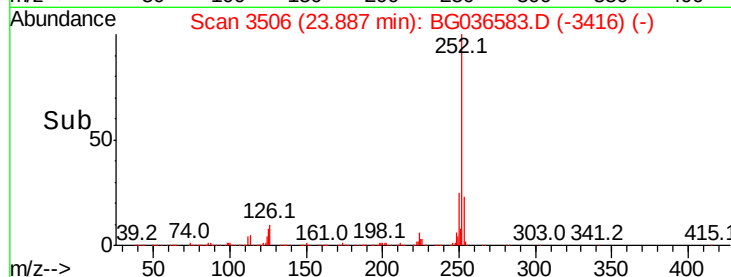
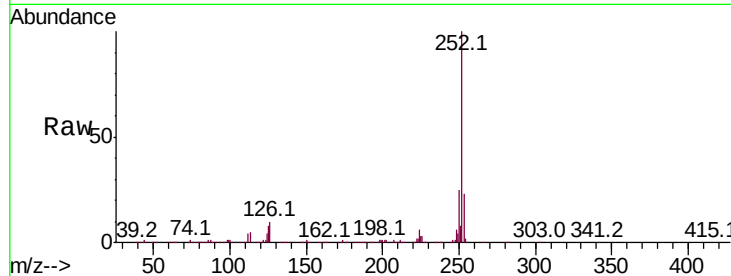
ClientSampleId :

PB112641BSD

Tot Ion:	252	Resp:	1256062
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	8.0	6.6	10.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.512 ng

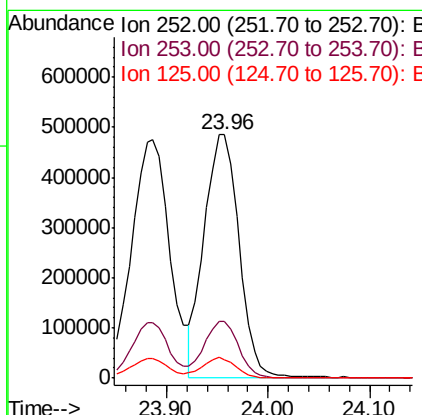
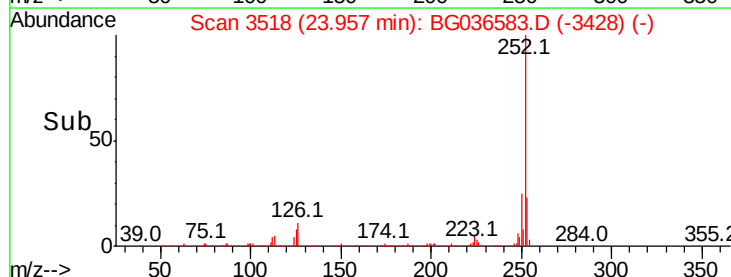
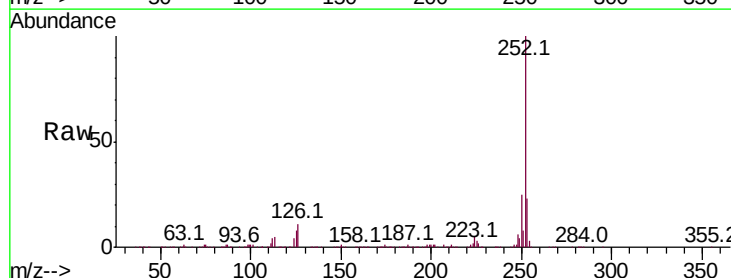
RT: 23.96 min Scan# 3518

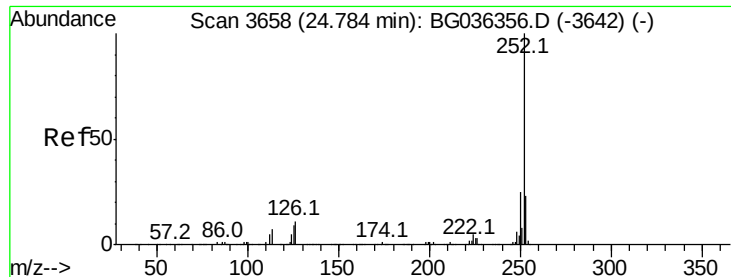
Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tgt Ion:	252	Resp:	1154244
Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	7.6	7.0	10.6





#89

Benzo(a)pyrene

Concen: 48.741 ng

RT: 24.76 min Scan# 3654

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Instrument :

BNA_G

ClientSampleId :

PB112641BSD

Tot Ion:252 Resp: 1189720

Ion Ratio Lower Upper

252 100

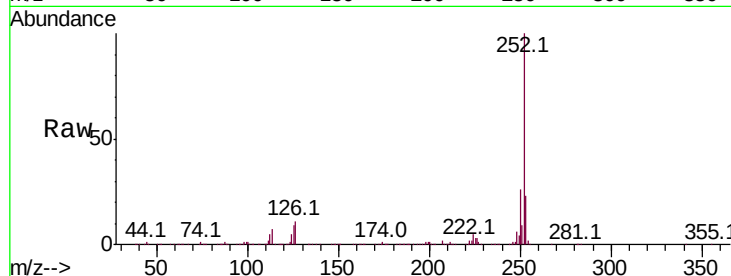
253 22.9 18.2 27.2

125 9.0 7.3 10.9

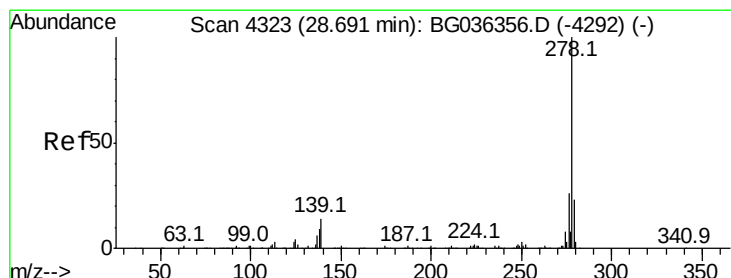
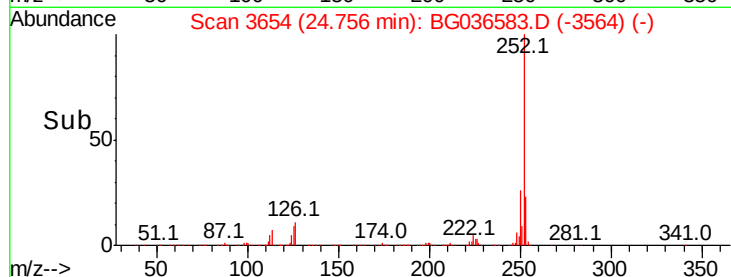
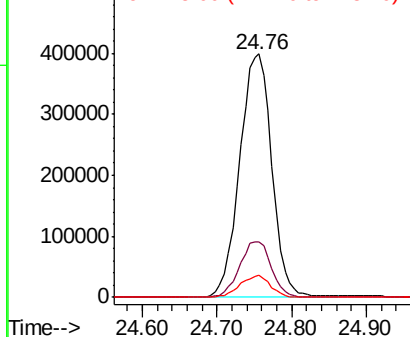
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.369 ng

RT: 28.62 min Scan# 4311

Delta R.T. -0.01 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

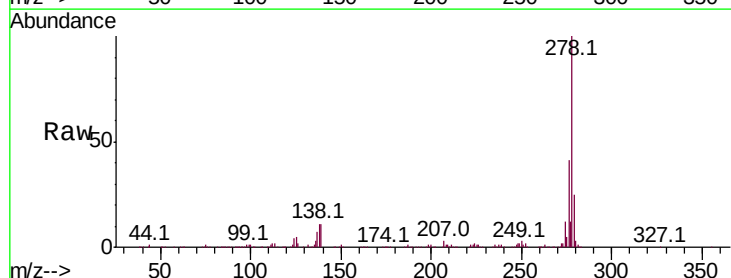
Tgt Ion:278 Resp: 1092660

Ion Ratio Lower Upper

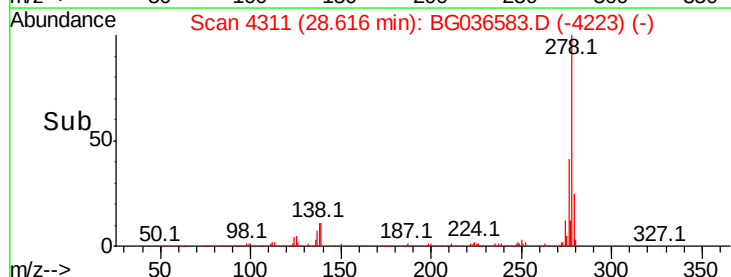
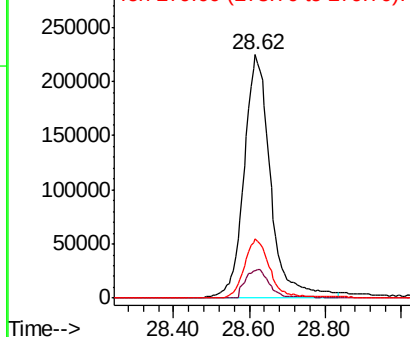
278 100

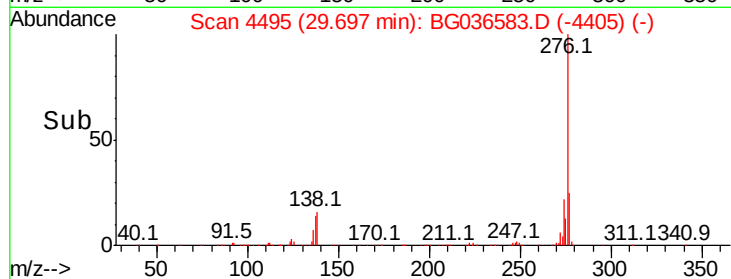
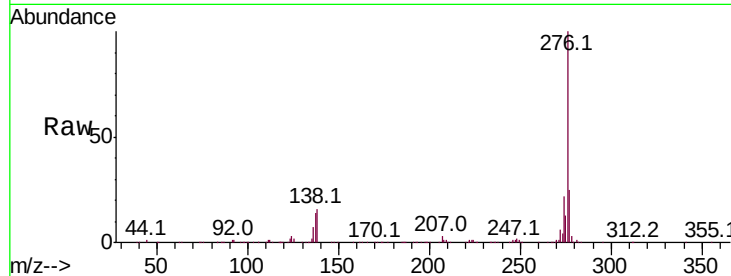
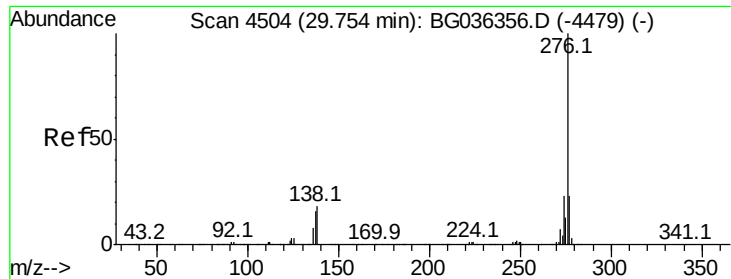
139 11.3 11.0 16.4

279 24.6 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.748 ng

RT: 29.70 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG036583.D

Acq: 7 Sep 2018 00:02

Tot Ion: 276 Resp: 1107013

Ion Ratio Lower Upper

276 100

277 25.0 18.4 27.6

138 15.9 14.6 22.0

Instrument :

BNA_G

ClientSampleId :

PB112641BSD

Manual Integrations
APPROVED

Sohil

9/7/2018 11:44:51 AM

